

| CHR | SNP | A1 | A2 | MAF | NCHROBS |
|-----|---------------|----|----|-----------|---------|
| 1 | chrB2.388411A | | G | 0.1527 | 3988 |
| 1 | chrF1.992436A | | G | 0.007004 | 3998 |
| 1 | chrF1.995109A | | G | 0.1349 | 3936 |
| 1 | chrUn25.7521A | | C | 0.1502 | 3982 |
| 1 | chrUn25.7501G | | A | 0.008982 | 4008 |
| 1 | chrUn.302701A | | G | 0.4925 | 3996 |
| 1 | chrUn25.6674A | | G | 0.4965 | 3970 |
| 1 | chrUn25.6161G | | A | 0.1495 | 3966 |
| 1 | chrUn25.5681A | | G | 0.155 | 3916 |
| 1 | chrUn25.5271A | | G | 0.05778 | 3998 |
| 1 | chrUn25.4931G | | A | 0.2651 | 4006 |
| 1 | chrUn25.4311A | | G | 0.2033 | 4000 |
| 1 | chrA1.510 A | A | G | 0.006569 | 3958 |
| 1 | chrA1.1424 A | A | G | 0.007746 | 4002 |
| 1 | chrA1.42510 A | A | G | 0.1407 | 3916 |
| 1 | chrA1.54976 G | G | A | 0.0009975 | 4010 |
| 1 | chrA1.92333 C | C | A | 0.007534 | 3982 |
| 1 | chrA1.122941C | C | A | 0.08296 | 3966 |
| 1 | chrA1.148974C | C | A | 0.1199 | 3996 |
| 1 | chrA1.250151A | A | G | 0.0002494 | 4010 |
| 1 | chrA1.250251A | A | G | 0.3588 | 3986 |
| 1 | chrA1.312471G | G | A | 0.008987 | 4006 |
| 1 | chrA1.340561C | C | A | 0.4284 | 3978 |
| 1 | chrA1.400434A | A | G | 0.1152 | 3672 |
| 1 | chrA1.429374G | G | A | 0.4735 | 3998 |
| 1 | chrA1.469151G | G | A | 0.1064 | 3996 |
| 1 | chrA1.494221G | G | A | 0.2558 | 3984 |
| 1 | chrA1.555592A | A | C | 0.164 | 4006 |
| 1 | chrA1.598987G | G | A | 0.1202 | 3984 |
| 1 | chrA1.634207G | G | A | 0.1901 | 4004 |
| 1 | chrA1.679011G | G | A | 0.1366 | 3982 |
| 1 | chrA1.798741A | A | G | 0.1375 | 4000 |
| 1 | chrA1.896017G | G | A | 0.007261 | 3994 |
| 1 | chrA1.922661G | G | A | 0.006808 | 3966 |
| 1 | chrA1.110271A | A | G | 0.1329 | 3988 |
| 1 | chrA1.113127A | A | G | 0.2518 | 3988 |
| 1 | chrA1.117261A | A | G | 0.1451 | 3880 |
| 1 | chrA1.123311G | G | A | 0.09132 | 4008 |
| 1 | chrA1.126101G | G | A | 0.01297 | 4010 |
| 1 | chrA1.128661A | A | G | 0.08012 | 3994 |

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| 1 chrA1.132414G | A | 0.4405 | 4002 |
| 1 chrA1.136128A | G | 0.09111 | 4006 |
| 1 chrA1.139893C | A | 0.1236 | 4006 |
| 1 chrA1.144374G | A | 0.1017 | 4000 |
| 1 chrA1.147211A | C | 0.3152 | 3918 |
| 1 chrA1.152407G | A | 0.2278 | 3994 |
| 1 chrA1.155601A | G | 0.3258 | 4008 |
| 1 chrA1.158575G | A | 0.09905 | 4008 |
| 1 chrA1.163118G | A | 0.1488 | 3958 |
| 1 chrA1.166358A | G | 0.3287 | 3998 |
| 1 chrA1.169178A | G | 0.1293 | 4006 |
| 1 chrA1.172546G | A | 0.07942 | 4004 |
| 1 chrA1.177013A | G | 0.2707 | 3960 |
| 1 chrA1.179729G | A | 0.2044 | 3894 |
| 1 chrA1.182472C | A | 0.2267 | 3944 |
| 1 chrA1.185891A | G | 0.07821 | 4002 |
| 1 chrA1.193301A | G | 0.07919 | 3940 |
| 1 chrA1.197982C | A | 0.3025 | 4000 |
| 1 chrA1.199066 | 0 A | 0 | 4010 |
| 1 chrA1.204539A | G | 0.1665 | 4006 |
| 1 chrA1.207448C | A | 0.4215 | 3998 |
| 1 chrA1.210660A | C | 0.07161 | 4008 |
| 1 chrA1.216054G | A | 0.4975 | 4004 |
| 1 chrA1.219389G | A | 0.2405 | 4000 |
| 1 chrA1.231203G | A | 0.2391 | 3936 |
| 1 chrA1.235598G | A | 0.06989 | 3992 |
| 1 chrA1.237021C | A | 0.1423 | 3998 |
| 1 chrA1.239149G | A | 0.06072 | 4002 |
| 1 chrA1.241517G | A | 0.292 | 3972 |
| 1 chrA1.244294C | A | 0.2138 | 3990 |
| 1 chrA1.249965A | G | 0.2085 | 3966 |
| 1 chrA1.252509C | A | 0.03771 | 4004 |
| 1 chrA1.257762A | G | 0.4162 | 3998 |
| 1 chrA1.261015G | A | 0.2148 | 4008 |
| 1 chrA1.265429A | G | 0.01942 | 3966 |
| 1 chrA1.267860A | G | 0.1375 | 3948 |
| 1 chrA1.271500G | A | 0.1796 | 4008 |
| 1 chrA1.274071G | A | 0.2129 | 4006 |
| 1 chrA1.280415G | A | 0.09036 | 4006 |
| 1 chrA1.283698C | A | 0.488 | 3990 |
| 1 chrA1.286927C | A | 0.02799 | 3930 |

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| 1 chrA1.294121A | G | 0.08872 | 3990 |
| 1 chrE1.49753CA | G | 0.1768 | 3932 |
| 1 chrA1.30230AG | A | 0.4458 | 3964 |
| 1 chrA1.30729AA | G | 0.002994 | 4008 |
| 1 chrA1.31223AG | A | 0.3262 | 3998 |
| 1 chrA1.31606CA | C | 0.3239 | 4004 |
| 1 chrA1.32651AG | G | 0.4029 | 3984 |
| 1 chrA1.32895CA | G | 0.315 | 4006 |
| 1 chrA1.33251AA | G | 0.1284 | 4002 |
| 1 chrA1.33910AG | G | 0.04823 | 4002 |
| 1 chrC2.69855CA | G | 0.4037 | 3832 |
| 1 chrA1.34300CA | G | 0.02121 | 4008 |
| 1 chrA1.34731AG | G | 0.3934 | 3976 |
| 1 chrA1.35153AC | A | 0.0313 | 3994 |
| 1 chrA1.35485AA | C | 0.03491 | 4010 |
| 1 chrA1.36231AG | A | 0.066 | 4000 |
| 1 chrA1.36508AA | G | 0.1088 | 3942 |
| 1 chrA1.37048AG | A | 0.04725 | 4000 |
| 1 chrUn.69423AG | A | 0.1334 | 4004 |
| 1 chrA1.37843AG | A | 0.1949 | 3992 |
| 1 chrA1.38177AG | A | 0.1382 | 3964 |
| 1 chrA1.38714AG | A | 0.3392 | 3980 |
| 1 chrA1.39055CA | G | 0.1796 | 3992 |
| 1 chrA1.39634AA | G | 0.3769 | 3998 |
| 1 chrA1.40230AG | G | 0.3372 | 3864 |
| 1 chrA1.40827AG | A | 0.2367 | 3996 |
| 1 chrA1.41158AG | G | 0.2779 | 3994 |
| 1 chrA1.41760AG | A | 0.4885 | 3994 |
| 1 chrA1.42190AA | G | 0.07733 | 3944 |
| 1 chrA1.43215AG | A | 0.03666 | 4010 |
| 1 chrA1.44539AG | A | 0.059 | 3966 |
| 1 chrA1.44708AC | A | 0.2455 | 3992 |
| 1 chrA1.45023AG | A | 0.4722 | 3994 |
| 1 chrA1.46346AA | G | 0.4331 | 4004 |
| 1 chrA1.46626AG | G | 0.3694 | 4006 |
| 1 chrA1.46876AG | A | 0.242 | 4004 |
| 1 chrA1.47237AG | A | 0.2165 | 4004 |
| 1 chrA1.47493AA | G | 0.02961 | 3952 |
| 1 chrA1.47922AC | A | 0.3073 | 4002 |
| 1 chrA1.48470AG | G | 0.3241 | 3986 |
| 1 chrA1.48934AG | G | 0.051 | 4000 |

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| 1 chrA1.493604G | A | 0.4534 | 3990 |
| 1 chrA1.497235G | A | 0.3805 | 3990 |
| 1 chrA1.501625A | G | 0.4528 | 4002 |
| 1 chrB4.961061G | A | 0.4066 | 3974 |
| 1 chrA1.507824A | G | 0.1927 | 3996 |
| 1 chrA1.510505A | G | 0.418 | 3990 |
| 1 chrA1.512936A | G | 0.09486 | 4006 |
| 1 chrA1.515494A | G | 0.3494 | 3998 |
| 1 chrA1.531141 | 0 G | 0 | 4008 |
| 1 chrA1.531237A | G | 0.4522 | 3994 |
| 1 chrA1.538774A | C | 0.287 | 3990 |
| 1 chrA1.543722A | G | 0.158 | 3868 |
| 1 chrA1.550918A | C | 0.2691 | 3998 |
| 1 chrA1.556257A | G | 0.4051 | 3992 |
| 1 chrA1.559510G | A | 0.033 | 4000 |
| 1 chrA1.564141A | G | 0.1026 | 3978 |
| 1 chrA1.567627G | A | 0.4408 | 3988 |
| 1 chrA1.570596A | G | 0.2972 | 4004 |
| 1 chrA1.574244G | A | 0.4562 | 3996 |
| 1 chrA1.585780A | G | 0.496 | 3994 |
| 1 chrA1.588730G | A | 0.06475 | 4000 |
| 1 chrA1.593764G | A | 0.08728 | 4010 |
| 1 chrA1.596489A | G | 0.2913 | 4000 |
| 1 chrA1.603349G | A | 0.4484 | 3992 |
| 1 chrA1.608615A | G | 0.2626 | 3994 |
| 1 chrA1.612699A | G | 0.3914 | 4006 |
| 1 chrA1.614839A | G | 0.1823 | 3994 |
| 1 chrA1.618157A | G | 0.06019 | 4004 |
| 1 chrA1.623262A | C | 0.3007 | 4004 |
| 1 chrA1.628637G | A | 0.03235 | 3864 |
| 1 chrA1.635216A | G | 0.2799 | 4002 |
| 1 chrA1.641659A | G | 0.1295 | 3960 |
| 1 chrA1.648407A | G | 0.1499 | 3970 |
| 1 chrA1.654587G | A | 0.4823 | 4004 |
| 1 chrA1.661561A | C | 0.25 | 3960 |
| 1 chrA1.667235A | G | 0.1638 | 4004 |
| 1 chrA1.674579A | G | 0.03734 | 3990 |
| 1 chrA1.677952G | A | 0.1674 | 4002 |
| 1 chrA1.683635G | A | 0.4329 | 3978 |
| 1 chrA1.687688G | A | 0.02147 | 4006 |
| 1 chrA1.694848A | G | 0.1219 | 4004 |

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| 1 chrA1.69798 | G | 0.3577 | 3950 |
| 1 chrA1.70204 | G | 0.0205 | 4000 |
| 1 chrA1.70952 | A | 0.3533 | 3994 |
| 1 chrA1.71501 | A | 0.1199 | 4002 |
| 1 chrA1.71880 | G | 0.4117 | 3996 |
| 1 chrA1.72552 | G | 0.1719 | 4008 |
| 1 chrA1.73027 | G | 0.04516 | 4008 |
| 1 chrA1.73455 | G | 0.4475 | 4000 |
| 1 chrA1.74215 | G | 0.1479 | 4004 |
| 1 chrA1.74743 | A | 0.3149 | 4004 |
| 1 chrA1.75415 | A | 0.0493 | 3996 |
| 1 chrA1.76032 | G | 0.02376 | 3998 |
| 1 chrA1.76343 | A | 0.07107 | 3996 |
| 1 chrE2.64362 | G | 0.08797 | 3922 |
| 1 chrA1.76684 | G | 0.2874 | 3980 |
| 1 chrA1.77258 | A | 0.2338 | 3990 |
| 1 chrA1.77544 | G | 0.2996 | 4006 |
| 1 chrA1.77989 | G | 0.3968 | 3992 |
| 1 chrA1.78709 | G | 0.2854 | 3998 |
| 1 chrA1.78726 | G | 0.2878 | 4006 |
| 1 chrA1.79013 | A | 0.1016 | 3996 |
| 1 chrA1.79498 | G | 0.3236 | 3996 |
| 1 chrA1.79832 | C | 0.05561 | 3992 |
| 1 chrA1.80350 | G | 0.1987 | 3996 |
| 1 chrA1.80904 | A | 0.01248 | 3846 |
| 1 chrA1.81599 | A | 0.2609 | 4002 |
| 1 chrA1.82179 | G | 0.143 | 4008 |
| 1 chrA1.82421 | A | 0.4096 | 3992 |
| 1 chrA1.82423 | G | 0.1308 | 3998 |
| 1 chrA1.82866 | G | 0.2916 | 3968 |
| 1 chrA1.83172 | G | 0.0758 | 3984 |
| 1 chrA1.83412 | G | 0.1742 | 4006 |
| 1 chrA1.83979 | G | 0.1997 | 4002 |
| 1 chrA1.84544 | G | 0.1621 | 3972 |
| 1 chrA1.85109 | C | 0.1682 | 4006 |
| 1 chrA1.85359 | G | 0.02227 | 3996 |
| 1 chrA1.85660 | A | 0.2112 | 4006 |
| 1 chrA2.18449 | A | 0.3113 | 3964 |
| 1 chrA1.86062 | G | 0.2621 | 4006 |
| 1 chrA1.86458 | G | 0.387 | 4008 |
| 1 chrA1.86926 | G | 0.02547 | 4004 |

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| 1 chrA1.871394A | C | 0.3726 | 4010 |
| 1 chrA1.875016G | A | 0.3038 | 3956 |
| 1 chrA1.878708A | C | 0.2866 | 4002 |
| 1 chrA1.882190A | C | 0.2408 | 4000 |
| 1 chrA1.889044A | C | 0.04398 | 4002 |
| 1 chrA1.892089C | A | 0.1723 | 4004 |
| 1 chrA1.899759A | G | 0.135 | 4000 |
| 1 chrA1.906439G | A | 0.1287 | 4010 |
| 1 chrA1.914069G | A | 0.1018 | 4006 |
| 1 chrA1.917599A | G | 0.3568 | 4002 |
| 1 chrA1.920781G | A | 0.3578 | 4002 |
| 1 chrA1.939424A | G | 0.2558 | 3980 |
| 1 chrA1.942437A | G | 0.245 | 4004 |
| 1 chrA1.947659A | G | 0.3807 | 3998 |
| 1 chrA1.953330A | C | 0.1522 | 4008 |
| 1 chrA1.955717A | G | 0.03206 | 3992 |
| 1 chrA1.960714A | G | 0.2011 | 3974 |
| 1 chrA1.968699G | A | 0.4825 | 3994 |
| 1 chrA1.998349G | A | 0.4081 | 3916 |
| 1 chrA1.100356A | G | 0.311 | 3978 |
| 1 chrA1.101047A | C | 0.354 | 3992 |
| 1 chrA1.101404A | G | 0.3974 | 3986 |
| 1 chrA1.101978A | G | 0.2946 | 3998 |
| 1 chrA1.102249A | G | 0.03473 | 4002 |
| 1 chrA1.103184C | A | 0.1391 | 4004 |
| 1 chrA1.103721A | G | 0.458 | 4002 |
| 1 chrA1.105209G | A | 0.2574 | 3990 |
| 1 chrA1.105628G | A | 0.4897 | 3994 |
| 1 chrA1.106009C | A | 0.472 | 3996 |
| 1 chrA1.106244G | A | 0.2455 | 4008 |
| 1 chrA1.106574G | A | 0.1254 | 3996 |
| 1 chrA1.106861A | G | 0.3433 | 4008 |
| 1 chrA1.107139C | A | 0.2581 | 4002 |
| 1 chrA1.107291A | G | 0.08636 | 3960 |
| 1 chrA1.107307A | G | 0.05396 | 3688 |
| 1 chrA1.107626A | G | 0.0641 | 3994 |
| 1 chrA1.107899G | A | 0.1897 | 4002 |
| 1 chrA1.108614A | G | 0.07585 | 4008 |
| 1 chrA1.108998A | G | 0.07388 | 3912 |
| 1 chrA1.109629G | A | 0.1541 | 3972 |
| 1 chrA1.110267C | A | 0.3398 | 4002 |

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| 1 chrA1.110456 | 0 G | 0 | 4010 |
| 1 chrA1.110705 | A | 0.0473 | 3996 |
| 1 chrA1.110765 | G | 0.3573 | 4000 |
| 1 chrA1.111362 | A | 0.4149 | 3960 |
| 1 chrA1.111748 | G | 0.2144 | 3998 |
| 1 chrA1.112153 | G | 0.1247 | 4002 |
| 1 chrA1.112415 | G | 0.1471 | 3930 |
| 1 chrA1.112933 | G | 0.001996 | 4008 |
| 1 chrA1.113844 | A | 0.2607 | 3978 |
| 1 chrA1.114184 | A | 0.1384 | 3996 |
| 1 chrUn.484979 | G | 0.1557 | 3988 |
| 1 chrA1.114755 | A | 0.1486 | 4004 |
| 1 chrA1.115001 | A | 0.1262 | 3892 |
| 1 chrA1.115528 | A | 0.4555 | 3974 |
| 1 chrA1.115988 | A | 0.1547 | 4002 |
| 1 chrA1.116700 | G | 0.235 | 3996 |
| 1 chrA1.117344 | G | 0.01048 | 4008 |
| 1 chrA1.118016 | G | 0.4173 | 4004 |
| 1 chrA1.118507 | G | 0.1135 | 3966 |
| 1 chrA1.118747 | A | 0.1346 | 4004 |
| 1 chrA1.118999 | C | 0.2173 | 4008 |
| 1 chrA1.119791 | A | 0.1977 | 4000 |
| 1 chrA1.120214 | G | 0.4213 | 4002 |
| 1 chrA1.120503 | G | 0.07332 | 3996 |
| 1 chrA1.120876 | G | 0.4704 | 3948 |
| 1 chrA1.121256 | A | 0.08333 | 3996 |
| 1 chrA1.121608 | G | 0.007844 | 3952 |
| 1 chrA1.122128 | G | 0.2445 | 4004 |
| 1 chrA1.122743 | G | 0.2927 | 4004 |
| 1 chrA1.123178 | A | 0.1893 | 4004 |
| 1 chrA1.123729 | A | 0.1596 | 4010 |
| 1 chrA1.124076 | G | 0.1278 | 4006 |
| 1 chrA1.124674 | A | 0.1485 | 4008 |
| 1 chrA1.125574 | A | 0.1911 | 3998 |
| 1 chrA1.125881 | G | 0.4023 | 4002 |
| 1 chrA1.126420 | A | 0.1224 | 3946 |
| 1 chrA1.127858 | A | 0.3471 | 3996 |
| 1 chrA1.128303 | G | 0.1692 | 3978 |
| 1 chrA1.128562 | G | 0.3141 | 3980 |
| 1 chrA1.975244 | G | 0.2518 | 3988 |
| 1 chrA1.978182 | A | 0.1254 | 4002 |

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| 1 chrA1.983915A | G | 0.165 | 3902 |
| 1 chrA1.987392A | G | 0.08518 | 3980 |
| 1 chrA1.990306A | G | 0.1897 | 3996 |
| 1 chrA1.993796A | G | 0.2369 | 4002 |
| 1 chrA1.129230C | A | 0.2621 | 3922 |
| 1 chrA1.129439G | A | 0.002024 | 3952 |
| 1 chrA1.129547A | G | 0.1011 | 4004 |
| 1 chrA1.129916A | G | 0.03646 | 3840 |
| 1 chrA1.130241G | A | 0.4532 | 3914 |
| 1 chrUn.139399G | A | 0.4368 | 4006 |
| 1 chrA1.130731A | C | 0.179 | 3838 |
| 1 chrA1.131163A | G | 0.2415 | 4000 |
| 1 chrA1.131649A | G | 0.007984 | 4008 |
| 1 chrA1.132566A | G | 0.3828 | 4002 |
| 1 chrA1.132831A | G | 0.2026 | 3998 |
| 1 chrA1.133530C | A | 0.1655 | 3994 |
| 1 chrA1.133981G | A | 0.437 | 4002 |
| 1 chrA1.134428A | G | 0.4005 | 3948 |
| 1 chrA1.134978G | A | 0.06675 | 4000 |
| 1 chrA1.135417A | G | 0.4972 | 3988 |
| 1 chrA1.135721A | G | 0.3273 | 3990 |
| 1 chrA1.136098A | G | 0.1697 | 4002 |
| 1 chrA1.136537G | A | 0.1105 | 3982 |
| 1 chrA1.137016A | G | 0.1814 | 3996 |
| 1 chrA1.137531A | G | 0.2455 | 4004 |
| 1 chrA1.138005G | A | 0.4331 | 4006 |
| 1 chrA1.138466A | G | 0.3125 | 3942 |
| 1 chrA1.138766A | G | 0.4859 | 3980 |
| 1 chrA1.139166G | A | 0.2095 | 3990 |
| 1 chrA1.139517A | G | 0.218 | 4000 |
| 1 chrA1.139951G | A | 0.07837 | 3994 |
| 1 chrA1.140256 | 0 G | 0 | 4008 |
| 1 chrA1.140760A | G | 0.08136 | 3970 |
| 1 chrA1.141090G | A | 0.1229 | 3996 |
| 1 chrA1.141874A | G | 0.1073 | 3942 |
| 1 chrA1.142326G | A | 0.04345 | 3936 |
| 1 chrA1.143153G | A | 0.1628 | 3924 |
| 1 chrA1.143425A | G | 0.04971 | 3842 |
| 1 chrA1.143903G | A | 0.07018 | 4004 |
| 1 chrA1.144294A | G | 0.3705 | 4000 |
| 1 chrA1.144755G | A | 0.1921 | 3926 |

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| 1 chrA1.145101G | A | 0.384 | 4008 |
| 1 chrA1.145469G | A | 0.07846 | 4002 |
| 1 chrA1.145729A | G | 0.08063 | 4006 |
| 1 chrA1.146219A | C | 0.07385 | 4008 |
| 1 chrA1.147099A | G | 0.1883 | 4000 |
| 1 chrA1.147411G | A | 0.1522 | 4000 |
| 1 chrA1.147959G | A | 0.02423 | 4004 |
| 1 chrA1.148361C | A | 0.1967 | 3996 |
| 1 chrA1.148752A | C | 0.2844 | 3998 |
| 1 chrA1.149018A | C | 0.1291 | 4006 |
| 1 chrA1.149279G | A | 0.243 | 3992 |
| 1 chrA1.149768A | G | 0.04002 | 3998 |
| 1 chrA1.150027A | G | 0.488 | 4000 |
| 1 chrA1.150459G | A | 0.1591 | 3998 |
| 1 chrA1.150819G | A | 0.1583 | 4006 |
| 1 chrA1.151114G | A | 0.1434 | 4010 |
| 1 chrA1.151729A | C | 0.05809 | 3994 |
| 1 chrUn.788311G | A | 0.1794 | 4002 |
| 1 chrA1.152119A | G | 0.1079 | 3984 |
| 1 chrA1.152451A | G | 0.3308 | 3640 |
| 1 chrA1.153111G | A | 0.06262 | 4008 |
| 1 chrA1.153679A | G | 0.2455 | 3902 |
| 1 chrA1.154134A | G | 0.3877 | 3874 |
| 1 chrA1.155272C | A | 0.2411 | 3990 |
| 1 chrA1.155529A | G | 0.1406 | 3990 |
| 1 chrA1.155958A | G | 0.1687 | 4002 |
| 1 chrA1.155989A | C | 0.1477 | 4002 |
| 1 chrA1.156719C | A | 0.1768 | 4004 |
| 1 chrA1.157159A | G | 0.04589 | 4010 |
| 1 chrA1.157160A | G | 0.3638 | 4010 |
| 1 chrA1.157529G | A | 0.01402 | 3994 |
| 1 chrA1.157799G | A | 0.004995 | 4004 |
| 1 chrA1.158057G | A | 0.004738 | 4010 |
| 1 chrA1.158666G | A | 0.02893 | 4010 |
| 1 chrA1.159018A | G | 0.1311 | 4006 |
| 1 chrA1.159631A | G | 0.2252 | 4000 |
| 1 chrA1.160198G | A | 0.4798 | 3920 |
| 1 chrA1.160546A | G | 0.1015 | 3922 |
| 1 chrA1.160554A | G | 0.2617 | 4004 |
| 1 chrA1.161169A | G | 0.07963 | 4006 |
| 1 chrA1.161519G | A | 0.09294 | 3992 |

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| 1 chrA1.161976C | A | 0.1646 | 4004 |
| 1 chrA1.162253G | A | 0.1124 | 3994 |
| 1 chrA1.163057A | G | 0.2005 | 3976 |
| 1 chrA1.163688G | A | 0.4936 | 3916 |
| 1 chrA1.164107A | G | 0.2501 | 3882 |
| 1 chrA1.164586A | G | 0.3643 | 3988 |
| 1 chrA1.165008A | G | 0.266 | 3996 |
| 1 chrA1.165421G | A | 0.033 | 4000 |
| 1 chrA1.166459A | G | 0.2133 | 3990 |
| 1 chrA1.166816C | A | 0.0208 | 3846 |
| 1 chrA1.167187A | C | 0.4394 | 3930 |
| 1 chrA1.168027A | G | 0.05686 | 4010 |
| 1 chrA1.168347G | A | 0.4714 | 3880 |
| 1 chrA1.168715G | A | 0.01672 | 4008 |
| 1 chrA1.169251A | G | 0.2273 | 4004 |
| 1 chrA1.169586A | G | 0.3857 | 3988 |
| 1 chrA1.169956A | C | 0.1608 | 3986 |
| 1 chrA1.170416G | A | 0.3799 | 3890 |
| 1 chrA1.170896A | G | 0.1859 | 3986 |
| 1 chrA1.171436A | G | 0.1845 | 4006 |
| 1 chrA1.171676A | G | 0.003244 | 4008 |
| 1 chrA1.171947A | C | 0.07704 | 3816 |
| 1 chrA1.172307A | G | 0.002746 | 4006 |
| 1 chrA1.172656A | G | 0.02099 | 4002 |
| 1 chrA1.172996G | A | 0.4334 | 3902 |
| 1 chrA1.173509A | G | 0.01452 | 3856 |
| 1 chrA1.173751G | A | 0.3683 | 4008 |
| 1 chrA1.174045A | G | 0.4713 | 4002 |
| 1 chrA1.174285A | G | 0.3834 | 3962 |
| 1 chrA1.174707A | G | 0.4702 | 3998 |
| 1 chrA1.174948A | G | 0.01543 | 3888 |
| 1 chrA1.175163A | G | 0.4975 | 4004 |
| 1 chrA1.175957G | A | 0.05253 | 3998 |
| 1 chrA1.176267G | A | 0.08689 | 3982 |
| 1 chrA1.176736G | A | 0.4706 | 3978 |
| 1 chrA1.177059G | A | 0.06603 | 3998 |
| 1 chrA1.177295A | G | 0.4348 | 4002 |
| 1 chrA1.177945A | G | 0.31 | 4006 |
| 1 chrA1.178296G | A | 0.2989 | 3994 |
| 1 chrA1.178611G | A | 0.2774 | 4002 |
| 1 chrA1.179197G | A | 0.1653 | 3854 |

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|-----------------|-----|----------|------|
| 1 chrA1.179485A | G | 0.2071 | 3998 |
| 1 chrA1.180234A | C | 0.001754 | 3992 |
| 1 chrA1.180341A | G | 0.03043 | 3944 |
| 1 chrA1.180691G | A | 0.3811 | 3952 |
| 1 chrA1.180984G | A | 0.03779 | 3996 |
| 1 chrA1.181344G | A | 0.07079 | 3998 |
| 1 chrA1.181785G | A | 0.1099 | 4002 |
| 1 chrA1.182106A | C | 0.3125 | 4000 |
| 1 chrA1.182415 | 0 G | 0 | 4008 |
| 1 chrA1.182885G | A | 0.4465 | 4002 |
| 1 chrA1.183286A | G | 0.4541 | 3990 |
| 1 chrA1.183558A | G | 0.4545 | 3996 |
| 1 chrA1.183965G | A | 0.09513 | 3942 |
| 1 chrA1.184298G | A | 0.3903 | 3912 |
| 1 chrA1.184537A | G | 0.3953 | 4002 |
| 1 chrA1.184836A | G | 0.03208 | 3928 |
| 1 chrUn.529396C | A | 0.3979 | 4004 |
| 1 chrA1.185625G | A | 0.02876 | 3998 |
| 1 chrA1.186018G | A | 0.09359 | 3996 |
| 1 chrA1.186925A | G | 0.03359 | 3960 |
| 1 chrA1.187276G | A | 0.4568 | 4008 |
| 1 chrA1.187784A | G | 0.2103 | 3980 |
| 1 chrA1.188224A | G | 0.002746 | 4006 |
| 1 chrA1.188611A | G | 0.2551 | 3998 |
| 1 chrA1.188894A | G | 0.06201 | 3854 |
| 1 chrA1.189006A | G | 0.308 | 3990 |
| 1 chrA1.189547A | G | 0.04877 | 3752 |
| 1 chrA1.189888A | G | 0.3659 | 3990 |
| 1 chrA1.190702G | A | 0.05865 | 3990 |
| 1 chrA1.192316A | G | 0.296 | 3980 |
| 1 chrA1.193448G | A | 0.1292 | 4008 |
| 1 chrA1.194985A | G | 0.1009 | 3836 |
| 1 chrA1.193945 | 0 A | 0 | 4010 |
| 1 chrA1.193951G | A | 0.3098 | 3990 |
| 1 chrA1.194441A | G | 0.3111 | 4002 |
| 1 chrA1.195384A | G | 0.378 | 3992 |
| 1 chrUn.778013G | A | 0.0477 | 3732 |
| 1 chrA1.196279A | G | 0.1422 | 3902 |
| 1 chrA1.196639A | G | 0.003009 | 3988 |
| 1 chrA1.197082A | C | 0.349 | 4006 |
| 1 chrA1.197496A | G | 0.2694 | 3816 |

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| 1 chrA1.197818G | A | 0.4008 | 3982 |
| 1 chrA1.198149G | A | 0.2489 | 4002 |
| 1 chrA1.198505A | G | 0.3268 | 4006 |
| 1 chrA1.198801A | G | 0.2627 | 3910 |
| 1 chrA1.199280A | G | 0.3335 | 4000 |
| 1 chrA1.199697A | G | 0.2427 | 3976 |
| 1 chrA1.200175G | A | 0.3035 | 3984 |
| 1 chrA1.200384G | A | 0.009765 | 3994 |
| 1 chrA1.200645G | A | 0.2784 | 3998 |
| 1 chrA1.201285G | A | 0.008982 | 4008 |
| 1 chrA1.202267G | A | 0.3008 | 3990 |
| 1 chrA1.202797G | A | 0.2252 | 3956 |
| 1 chrA1.203147G | A | 0.142 | 3978 |
| 1 chrA1.203671A | G | 0.1177 | 3832 |
| 1 chrA1.203984A | G | 0.01227 | 3830 |
| 1 chrA1.204275G | A | 0.05422 | 4002 |
| 1 chrA1.204845G | A | 0.2171 | 4002 |
| 1 chrA1.205735G | A | 0.4447 | 3978 |
| 1 chrA1.206265A | C | 0.1669 | 3984 |
| 1 chrA1.206778C | A | 0.3272 | 4004 |
| 1 chrA1.207358A | G | 0.29 | 3972 |
| 1 chrUn.397200C | A | 0.2766 | 3916 |
| 1 chrA1.208074A | G | 0.4173 | 4004 |
| 1 chrA1.208446C | A | 0.09399 | 3926 |
| 1 chrA1.208560G | A | 0.441 | 4002 |
| 1 chrA1.208821A | G | 0.2207 | 4006 |
| 1 chrA1.209547G | A | 0.09277 | 4010 |
| 1 chrA1.209808A | G | 0.0865 | 4000 |
| 1 chrA1.210355A | G | 0.2479 | 3986 |
| 1 chrA1.210790G | A | 0.1251 | 4004 |
| 1 chrB4.102121A | G | 0.133 | 3888 |
| 1 chrA1.211997A | G | 0.2315 | 4000 |
| 1 chrA1.212720C | A | 0.2316 | 4002 |
| 1 chrA1.213076G | A | 0.4628 | 4002 |
| 1 chrA1.213324A | G | 0.07175 | 3972 |
| 1 chrA1.213967G | A | 0.2918 | 3996 |
| 1 chrA1.214515G | A | 0.1199 | 4004 |
| 1 chrA1.214845C | A | 0.3223 | 3900 |
| 1 chrA1.215538A | G | 0.002756 | 3992 |
| 1 chrA1.215959A | G | 0.3133 | 3974 |
| 1 chrA1.216268A | G | 0.0983 | 4008 |

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|-----------------|-----|---------|------|
| 1 chrA1.216616G | A | 0.2213 | 3950 |
| 1 chrA1.217226G | A | 0.3627 | 3990 |
| 1 chrA1.217468G | A | 0.0741 | 4008 |
| 1 chrA1.217864A | C | 0.1318 | 4006 |
| 1 chrA1.218531A | G | 0.3558 | 4002 |
| 1 chrA1.218785A | G | 0.4161 | 4004 |
| 1 chrA1.219039G | A | 0.3682 | 3992 |
| 1 chrA1.219435A | G | 0.49 | 3996 |
| 1 chrA1.219454A | G | 0.333 | 4000 |
| 1 chrA1.220322G | A | 0.2009 | 4006 |
| 1 chrA1.220904C | A | 0.3894 | 4006 |
| 1 chrA1.221271A | C | 0.2781 | 3974 |
| 1 chrA1.221937A | G | 0.2775 | 3914 |
| 1 chrA1.222358A | G | 0.4454 | 4010 |
| 1 chrA1.223115A | G | 0.3907 | 4000 |
| 1 chrA1.223721A | G | 0.07829 | 3998 |
| 1 chrA1.223784G | A | 0.3166 | 4002 |
| 1 chrA1.224015G | A | 0.08751 | 3988 |
| 1 chrA1.224259G | A | 0.1498 | 4006 |
| 1 chrA1.224686G | A | 0.1792 | 4006 |
| 1 chrA1.225547G | A | 0.405 | 3998 |
| 1 chrA1.226114A | G | 0.2928 | 4006 |
| 1 chrA1.226300 | 0 G | 0 | 4008 |
| 1 chrA1.226362G | A | 0.1736 | 3992 |
| 1 chrA1.226614C | A | 0.1541 | 3992 |
| 1 chrA1.227037G | A | 0.3031 | 4002 |
| 1 chrA1.227394A | G | 0.2158 | 3994 |
| 1 chrA1.228077A | G | 0.1086 | 4004 |
| 1 chrA1.229260A | C | 0.02504 | 3754 |
| 1 chrA1.229574G | A | 0.3766 | 4004 |
| 1 chrA1.230050G | A | 0.1749 | 4002 |
| 1 chrA1.230395A | G | 0.01447 | 4008 |
| 1 chrA1.230726G | A | 0.3253 | 4002 |
| 1 chrA1.231207A | C | 0.1434 | 3976 |
| 1 chrA1.231587G | A | 0.3842 | 4000 |
| 1 chrA1.231875 | 0 A | 0 | 4006 |
| 1 chrA1.232457A | G | 0.4224 | 4008 |
| 1 chrUn25.3905A | G | 0.2102 | 3986 |
| 1 chrUn25.2990C | A | 0.2306 | 3972 |
| 1 chrUn.463135G | A | 0.3019 | 3972 |
| 1 chrUn25.2635G | A | 0.4223 | 4000 |

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|-----------------|-----|----------|------|
| 1 chrUn25.229(C | A | 0.3694 | 3990 |
| 1 chrUn25.156(G | A | 0.05259 | 3784 |
| 1 chrUn25.118(G | A | 0.3924 | 4006 |
| 1 chrUn25.304(G | 0 A | 0 | 4008 |
| 1 chrF1.15997(C | G | 0.2891 | 3774 |
| 1 chrUn25.794(G | G | 0.1281 | 4006 |
| 1 chrUn25.437 A | G | 0.03764 | 3932 |
| 1 chrUn22.536(G | A | 0.2918 | 3992 |
| 1 chrUn22.395(G | G | 0.2086 | 3994 |
| 1 chrUn22.447(G | G | 0.356 | 3930 |
| 1 chrUn22.108(G | G | 0.02326 | 3998 |
| 1 chrUn22.140(G | A | 0.1816 | 4004 |
| 1 chrUn22.185(G | G | 0.1266 | 3988 |
| 1 chrUn22.211(G | A | 0.4532 | 3846 |
| 1 chrUn22.270(G | G | 0.3016 | 3992 |
| 1 chrUn22.293(G | A | 0.2008 | 4004 |
| 1 chrUn22.352(G | G | 0.4298 | 3888 |
| 1 chrUn22.451(G | A | 0.06272 | 4002 |
| 1 chrUn22.481(G | A | 0.224 | 4004 |
| 1 chrUn22.549(G | A | 0.2766 | 3988 |
| 1 chrUn22.626(G | A | 0.07694 | 3860 |
| 1 chrUn22.650(G | G | 0.4953 | 4004 |
| 1 chrUn22.675(G | G | 0.09555 | 3998 |
| 1 chrB4.98187(G | A | 0.4005 | 4002 |
| 1 chrUn22.748(G | G | 0.1288 | 4000 |
| 1 chrUn22.843(C | A | 0.009975 | 4010 |
| 1 chrUn.62883(G | A | 0.4066 | 3984 |
| 1 chrUn22.869(G | G | 0.2901 | 3998 |
| 1 chrUn22.956(G | A | 0.2186 | 3994 |
| 1 chrUn22.101(G | G | 0.3525 | 4000 |
| 1 chrUn22.109(G | G | 0.3596 | 4002 |
| 1 chrUn22.113(G | C | 0.2919 | 3984 |
| 1 chrUn22.116(G | A | 0.3236 | 3928 |
| 1 chrUn22.123(G | A | 0.3899 | 3996 |
| 1 chrUn22.128(G | G | 0.4337 | 3998 |
| 1 chrUn22.132(G | G | 0.2911 | 4002 |
| 1 chrUn22.137(G | G | 0.2631 | 3998 |
| 1 chrUn22.140(C | A | 0.07054 | 3998 |
| 1 chrUn22.144(C | A | 0.001497 | 4008 |
| 1 chrUn22.147(G | G | 0.4868 | 4002 |
| 1 chrUn22.154(C | A | 0.09341 | 4004 |

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|-----------------|-----|---------|------|
| 1 chrUn22.158(A | G | 0.1382 | 4000 |
| 1 chrUn22.161(A | G | 0.3204 | 4008 |
| 1 chrUn22.173(A | G | 0.2243 | 3990 |
| 1 chrUn22.176(A | A | 0.2352 | 4000 |
| 1 chrUn22.180(A | C | 0.4617 | 3994 |
| 1 chrA1.23294(A | G | 0.07775 | 4000 |
| 1 chrA1.23322(A | A | 0.2059 | 3988 |
| 1 chrUn22.187(A | C | 0.2369 | 3984 |
| 1 chrUn22.192(A | G | 0.1812 | 4000 |
| 1 chrUn22.200(A | G | 0.3461 | 4008 |
| 1 chrUn22.207(A | G | 0.1717 | 3996 |
| 1 chrUn22.211(A | G | 0.1707 | 4008 |
| 1 chrUn22.214(A | A | 0.282 | 4004 |
| 1 chrUn22.219(A | A | 0.2462 | 3992 |
| 1 chrUn22.222(A | G | 0.1074 | 4002 |
| 1 chrUn22.228(A | A | 0.2826 | 3960 |
| 1 chrUn22.232(A | A | 0.3198 | 4002 |
| 1 chrUn.53848(A | G | 0.07942 | 4004 |
| 1 chrUn.17157(A | G | 0.1846 | 4004 |
| 1 chrUn22.238(A | G | 0.2751 | 3998 |
| 1 chrUn22.238(A | G | 0.3906 | 4002 |
| 1 chrUn22.241(A | 0 G | 0 | 4010 |
| 1 chrA1.23353(A | A | 0.3223 | 4006 |
| 1 chrA1.23380(A | G | 0.2607 | 3744 |
| 1 chrA1.23410(A | A | 0.3973 | 4002 |
| 1 chrA1.23473(A | A | 0.1812 | 3918 |
| 1 chrA1.23490(A | A | 0.4546 | 4006 |
| 1 chrA1.23515(A | A | 0.4332 | 3984 |
| 1 chrA1.23557(A | G | 0.3309 | 3998 |
| 1 chrA1.23586(A | G | 0.4081 | 4006 |
| 1 chrA1.23635(A | C | 0.4394 | 3760 |
| 1 chrA1.23696(A | A | 0.3664 | 3914 |
| 1 chrA1.23738(A | A | 0.1084 | 3976 |
| 1 chrA1.23807(A | G | 0.289 | 3986 |
| 1 chrA1.23847(A | A | 0.3353 | 4000 |
| 1 chrA1.23920(A | A | 0.2956 | 4002 |
| 1 chrA1.23956(A | A | 0.1707 | 4002 |
| 1 chrA1.23999(A | G | 0.2022 | 4006 |
| 1 chrA1.24026(A | C | 0.1065 | 4008 |
| 1 chrA1.24046(A | A | 0.2907 | 3932 |
| 1 chrA1.24096(A | A | 0.1956 | 3958 |

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| 1 chrA1.241247G | A | 0.388 | 4000 |
| 1 chrA1.241487A | G | 0.3779 | 3938 |
| 1 chrA1.242077A | G | 0.4271 | 3950 |
| 1 chrA1.242865G | A | 0.2314 | 3950 |
| 1 chrA1.243408A | G | 0.055 | 3800 |
| 1 chrA1.243646A | G | 0.2891 | 3988 |
| 1 chrA1.243946C | A | 0.07082 | 3996 |
| 1 chrA1.244435G | A | 0.3615 | 3964 |
| 1 chrA1.244950C | A | 0.04475 | 4000 |
| 1 chrA1.245712A | G | 0.07295 | 3948 |
| 1 chrA1.246041A | G | 0.09706 | 4008 |
| 1 chrA1.246349A | G | 0.3857 | 3998 |
| 1 chrA1.246716A | G | 0.1528 | 4004 |
| 1 chrA1.247092A | G | 0.03986 | 3864 |
| 1 chrA1.247747G | A | 0.344 | 4000 |
| 1 chrA1.248024G | A | 0.04398 | 4002 |
| 1 chrA1.249157A | C | 0.425 | 3974 |
| 1 chrA1.250279G | A | 0.2103 | 3918 |
| 1 chrA1.250672A | G | 0.03846 | 4004 |
| 1 chrA1.251379G | A | 0.2338 | 4000 |
| 1 chrA1.251762C | A | 0.2703 | 4006 |
| 1 chrA1.252329G | A | 0.2796 | 3998 |
| 1 chrA1.252726C | A | 0.02258 | 3898 |
| 1 chrA1.253188G | A | 0.3762 | 4000 |
| 1 chrA1.253568A | G | 0.1451 | 4004 |
| 1 chrA1.253907G | A | 0.4765 | 4004 |
| 1 chrA1.254396G | A | 0.3588 | 4000 |
| 1 chrC2.716695A | C | 0.3102 | 3946 |
| 1 chrA1.254742A | C | 0.1214 | 4002 |
| 1 chrA1.255421A | G | 0.1117 | 3886 |
| 1 chrA1.255766A | G | 0.4531 | 3984 |
| 1 chrA1.256499A | G | 0.3823 | 3934 |
| 1 chrA1.256830A | G | 0.1806 | 3986 |
| 1 chrA1.256872C | A | 0.4442 | 4000 |
| 1 chrA1.257278A | G | 0.2901 | 3974 |
| 1 chrA1.257745A | G | 0.1362 | 4010 |
| 1 chrA1.258000A | G | 0.2559 | 4002 |
| 1 chrA1.258555A | G | 0.3749 | 3990 |
| 1 chrA1.259017G | A | 0.4713 | 3940 |
| 1 chrA1.259316A | G | 0.179 | 3988 |
| 1 chrA1.259974A | C | 0.4078 | 4002 |

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|---------------|---|-----|---------|------|
| 1 chrA1.26037 | A | C | 0.1254 | 3978 |
| 1 chrA1.26093 | G | A | 0.3237 | 3976 |
| 1 chrA1.26161 | G | A | 0.1309 | 4004 |
| 1 chrA1.26191 | G | A | 0.09706 | 4008 |
| 1 chrA1.26243 | A | G | 0.1759 | 3878 |
| 1 chrA1.26261 | A | 0 A | 0 | 4008 |
| 1 chrA1.26278 | A | C | 0.4015 | 4000 |
| 1 chrA1.26304 | A | G | 0.3769 | 4004 |
| 1 chrA1.26330 | A | G | 0.3308 | 3996 |
| 1 chrA1.26366 | A | G | 0.2472 | 3912 |
| 1 chrA1.26396 | A | G | 0.2085 | 4010 |
| 1 chrA1.26448 | A | G | 0.09855 | 3998 |
| 1 chrA1.26472 | A | G | 0.2982 | 3984 |
| 1 chrA1.26512 | G | A | 0.2286 | 4002 |
| 1 chrA1.26542 | G | A | 0.0455 | 3912 |
| 1 chrA1.26584 | A | G | 0.1667 | 3996 |
| 1 chrA1.26621 | A | C | 0.2475 | 3996 |
| 1 chrA1.26652 | G | A | 0.4233 | 4000 |
| 1 chrUn.20914 | A | G | 0.3191 | 3974 |
| 1 chrA1.26712 | A | G | 0.3423 | 4002 |
| 1 chrA1.26774 | A | G | 0.0542 | 4004 |
| 1 chrA1.26812 | A | G | 0.26 | 4000 |
| 1 chrA1.26893 | A | C | 0.3374 | 3948 |
| 1 chrB4.13037 | A | G | 0.2041 | 3974 |
| 1 chrA1.26972 | G | A | 0.2047 | 3996 |
| 1 chrUn.40760 | A | G | 0.3121 | 3922 |
| 1 chrA1.27166 | C | A | 0.2638 | 3996 |
| 1 chrA1.27199 | A | G | 0.09808 | 3640 |
| 1 chrA1.27236 | A | G | 0.1474 | 3990 |
| 1 chrA1.27286 | A | G | 0.1552 | 4008 |
| 1 chrA1.27419 | G | A | 0.4175 | 3990 |
| 1 chrA1.27466 | G | A | 0.4644 | 3960 |
| 1 chrA1.27520 | G | A | 0.02977 | 3896 |
| 1 chrA1.27559 | A | G | 0.3665 | 3964 |
| 1 chrA1.27598 | A | G | 0.0548 | 3996 |
| 1 chrA1.27646 | A | G | 0.2227 | 3996 |
| 1 chrA1.27697 | A | G | 0.1842 | 4002 |
| 1 chrA1.27697 | G | A | 0.4992 | 3960 |
| 1 chrA1.27753 | A | G | 0.4112 | 3996 |
| 1 chrA1.27778 | A | A | 0.1669 | 3990 |
| 1 chrA1.27822 | G | A | 0.1049 | 4004 |

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|-----------------|-----|---------|------|
| 1 chrA1.278970A | G | 0.2011 | 4002 |
| 1 chrA1.280011A | G | 0.2847 | 3842 |
| 1 chrA1.280405G | A | 0.3417 | 3992 |
| 1 chrA1.280814A | C | 0.295 | 4000 |
| 1 chrA1.281275G | A | 0.2371 | 3990 |
| 1 chrA1.281746A | G | 0.1796 | 3970 |
| 1 chrA1.282546G | A | 0.3236 | 3940 |
| 1 chrA1.282830A | G | 0.4402 | 3994 |
| 1 chrA1.283109A | G | 0.3071 | 3976 |
| 1 chrA1.283416G | A | 0.3417 | 3992 |
| 1 chrA1.283770G | A | 0.1362 | 4000 |
| 1 chrA1.284274A | G | 0.04414 | 4010 |
| 1 chrA1.284804A | G | 0.2127 | 3986 |
| 1 chrA1.285111A | G | 0.03222 | 4004 |
| 1 chrA1.285385A | G | 0.01323 | 4006 |
| 1 chrA1.285865G | A | 0.128 | 3798 |
| 1 chrA1.286324A | G | 0.4123 | 3992 |
| 1 chrA1.286587A | G | 0.1218 | 3998 |
| 1 chrA1.287364A | G | 0.3854 | 4004 |
| 1 chrC1.118154A | G | 0.09853 | 3938 |
| 1 chrA1.288571G | A | 0.4232 | 3998 |
| 1 chrA1.288687A | G | 0.2648 | 3984 |
| 1 chrA1.288868C | A | 0.03545 | 4006 |
| 1 chrA1.289124A | G | 0.4518 | 3986 |
| 1 chrA1.289149A | G | 0.2701 | 3980 |
| 1 chrA1.289746G | A | 0.05866 | 4006 |
| 1 chrA1.290007G | A | 0.149 | 3994 |
| 1 chrA1.290326G | A | 0.29 | 3996 |
| 1 chrA1.290575G | A | 0.351 | 3994 |
| 1 chrA1.291067A | G | 0.06893 | 4004 |
| 1 chrA1.291635A | G | 0.2092 | 3996 |
| 1 chrA1.198306C | A | 0.03375 | 4000 |
| 1 chrA1.292211A | G | 0.2404 | 4006 |
| 1 chrA1.292465A | G | 0.1591 | 4004 |
| 1 chrA1.292737 | 0 G | 0 | 4010 |
| 1 chrA1.292995A | G | 0.06213 | 4008 |
| 1 chrA1.293310G | A | 0.1212 | 3978 |
| 1 chrA1.293627A | C | 0.1243 | 4008 |
| 1 chrA1.294039A | C | 0.1042 | 3974 |
| 1 chrA1.294281G | A | 0.05433 | 3994 |
| 1 chrA1.294864G | A | 0.2197 | 3988 |

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| 1 chrA1.295113C | A | 0.1035 | 3846 |
| 1 chrA1.295845A | G | 0.1413 | 3998 |
| 1 chrA1.296137A | G | 0.01521 | 4010 |
| 1 chrA1.296551C | A | 0.3632 | 3954 |
| 1 chrA1.297206A | C | 0.1884 | 3996 |
| 1 chrA1.298037A | C | 0.07354 | 3848 |
| 1 chrA1.298657A | C | 0.005739 | 4008 |
| 1 chrA1.299002G | A | 0.1068 | 3998 |
| 1 chrA1.299316C | A | 0.2655 | 4004 |
| 1 chrA1.299591A | G | 0.1507 | 3974 |
| 1 chrA1.300108A | G | 0.289 | 4000 |
| 1 chrA1.300727A | G | 0.1573 | 3980 |
| 1 chrA1.301032G | A | 0.1227 | 3986 |
| 1 chrA1.301638G | A | 0.3483 | 3996 |
| 1 chrA1.301980C | A | 0.03716 | 4010 |
| 1 chrC1.193213A | G | 0.1179 | 3920 |
| 1 chrC1.193249A | G | 0.1171 | 3998 |
| 1 chrC1.193289A | G | 0.1368 | 3984 |
| 1 chrA1.302589G | A | 0.09005 | 3998 |
| 1 chrA1.302965A | G | 0.138 | 3970 |
| 1 chrA1.303266G | A | 0.451 | 3976 |
| 1 chrA1.304123G | A | 0.3798 | 3986 |
| 1 chrA1.304471A | G | 0.4412 | 3926 |
| 1 chrA1.305893A | G | 0.1954 | 3996 |
| 1 chrA1.306449A | C | 0.4863 | 4002 |
| 1 chrA1.306713A | G | 0.1592 | 4002 |
| 1 chrA1.307183A | G | 0.08146 | 4002 |
| 1 chrA1.307642A | G | 0.3358 | 3994 |
| 1 chrA1.308735G | A | 0.2812 | 3976 |
| 1 chrA1.309036A | G | 0.1812 | 4006 |
| 1 chrA1.309297A | C | 0.3039 | 4004 |
| 1 chrA1.310208A | G | 0.1549 | 3982 |
| 1 chrA1.310473A | G | 0.0145 | 3792 |
| 1 chrA1.310718A | C | 0.1307 | 3978 |
| 1 chrA1.310967 | 0 A | 0 | 4000 |
| 1 chrA1.311100C | A | 0.3543 | 4000 |
| 1 chrA1.311455G | A | 0.4818 | 4002 |
| 1 chrA1.311905G | A | 0.1802 | 4002 |
| 1 chrA1.312293A | G | 0.1132 | 4010 |
| 1 chrA1.312795 | 0 A | 0 | 4004 |
| 1 chrA1.313084G | A | 0.3765 | 3870 |

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| 1 chrA1.313551G | A | 0.3863 | 3992 |
| 1 chrA1.313862A | G | 0.1672 | 3978 |
| 1 chrA1.314180A | G | 0.1522 | 4008 |
| 1 chrA1.315006A | G | 0.1422 | 3966 |
| 1 chrA1.315419A | G | 0.2861 | 3956 |
| 1 chrA1.315842A | G | 0.2146 | 4002 |
| 1 chrA1.316267G | A | 0.1365 | 4008 |
| 1 chrA1.316622A | G | 0.1175 | 4010 |
| 1 chrA1.316889A | C | 0.09351 | 3978 |
| 1 chrA1.317536G | A | 0.1698 | 3982 |
| 1 chrA1.318052C | A | 0.2058 | 3994 |
| 1 chrA1.318881G | A | 0.006737 | 4008 |
| 1 chrA1.319429A | G | 0.07679 | 3972 |
| 1 chrA1.319689A | G | 0.2067 | 3986 |
| 1 chrA1.320299G | A | 0.4132 | 3998 |
| 1 chrA1.321068A | G | 0.3064 | 3998 |
| 1 chrA1.321549G | A | 0.4318 | 3960 |
| 1 chrA1.321819A | G | 0.2547 | 3978 |
| 1 chrA1.322168G | A | 0.08442 | 4004 |
| 1 chrA1.322562A | G | 0.4902 | 3994 |
| 1 chrA1.323044A | G | 0.2607 | 4000 |
| 1 chrA1.323528A | C | 0.2418 | 3850 |
| 1 chrA1.323832G | A | 0.2659 | 3938 |
| 1 chrA1.325314G | A | 0.0746 | 4008 |
| 1 chrA1.325591A | C | 0.4215 | 3986 |
| 1 chrA1.326756C | A | 0.03127 | 3998 |
| 1 chrA1.327369G | A | 0.1611 | 4004 |
| 1 chrA1.330881A | C | 0.262 | 3954 |
| 1 chrA1.331244G | A | 0.2994 | 3994 |
| 1 chrA1.332511A | G | 0.3317 | 3976 |
| 1 chrA1.333074C | A | 0.1486 | 3998 |
| 1 chrA1.333369A | C | 0.1486 | 3998 |
| 1 chrA1.334097G | A | 0.3717 | 4006 |
| 1 chrA1.334387A | G | 0.09715 | 3994 |
| 1 chrA1.334700A | C | 0.05272 | 4002 |
| 1 chrA1.335161G | A | 0.4239 | 3970 |
| 1 chrA1.335448G | A | 0.004769 | 3984 |
| 1 chrA1.335901C | A | 0.3824 | 4006 |
| 1 chrA1.336198G | A | 0.02671 | 4006 |
| 1 chrA1.336518A | G | 0.4488 | 3988 |
| 1 chrA1.336877A | G | 0.4069 | 3996 |

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| 1 chrA1.337345G | A | 0.05642 | 4006 |
| 1 chrA1.337927A | C | 0.00649 | 4006 |
| 1 chrA1.338206A | G | 0.2545 | 4008 |
| 1 chrA1.338455G | A | 0.3218 | 3996 |
| 1 chrA1.338798A | G | 0.2876 | 3992 |
| 1 chrA1.339285 | 0 A | 0 | 4004 |
| 1 chrA1.339345G | A | 0.384 | 4000 |
| 1 chrA1.339735A | G | 0.129 | 4008 |
| 1 chrA1.340974C | A | 0.02295 | 4008 |
| 1 chrA1.341497A | G | 0.1208 | 3916 |
| 1 chrA1.341955G | A | 0.499 | 4004 |
| 1 chrA1.342606A | C | 0.2114 | 3992 |
| 1 chrA1.342876A | G | 0.07386 | 3994 |
| 1 chrA1.343274A | C | 0.4552 | 4000 |
| 1 chrA1.343706A | G | 0.3693 | 3980 |
| 1 chrUn.259374A | C | 0.3456 | 3950 |
| 1 chrA1.344086A | G | 0.006064 | 3958 |
| 1 chrA1.344371G | A | 0.2643 | 3984 |
| 1 chrA1.345022 | 0 G | 0 | 4008 |
| 1 chrA1.345125A | G | 0.3085 | 3922 |
| 1 chrA1.345502A | G | 0.227 | 4004 |
| 1 chrA1.345953A | G | 0.02868 | 4010 |
| 1 chrA1.346238G | A | 0.1158 | 4008 |
| 1 chrA1.346478A | C | 0.000501 | 3992 |
| 1 chrA1.346945A | G | 0.08276 | 3758 |
| 1 chrA1.347232A | G | 0.1973 | 4004 |
| 1 chrA1.347546A | G | 0.03621 | 4004 |
| 1 chrA1.348145A | G | 0.186 | 3984 |
| 1 chrA1.348706C | A | 0.06241 | 4006 |
| 1 chrA1.349184A | G | 0.04591 | 4008 |
| 1 chrA1.349687A | G | 0.0846 | 3948 |
| 1 chrUn.124766A | G | 0.002246 | 4008 |
| 1 chrA1.349986G | A | 0.1563 | 4004 |
| 1 chrA1.350707A | G | 0.1411 | 3968 |
| 1 chrA1.350962G | A | 0.4111 | 4006 |
| 1 chrA1.351412G | A | 0.4555 | 3998 |
| 1 chrA1.352181A | G | 0.4009 | 3984 |
| 1 chrA1.352935G | A | 0.4698 | 3978 |
| 1 chrA1.353232A | G | 0.4245 | 3998 |
| 1 chrA1.353775G | A | 0.3938 | 3994 |
| 1 chrA1.354045A | G | 0.09316 | 4004 |

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| 1 chrA1.35407(A | G | 0.006737 | 4008 |
| 1 chrA1.35438(G | A | 0.4124 | 4006 |
| 1 chrA1.35558(C | A | 0.1902 | 4002 |
| 1 chrA1.35619(A | G | 0.3129 | 3988 |
| 1 chrA1.35651(A | G | 0.4662 | 3992 |
| 1 chrA1.35719(A | G | 0.1572 | 3824 |
| 1 chrA1.35758(A | G | 0.02124 | 3908 |
| 1 chrA1.35788(A | G | 0.04593 | 4006 |
| 1 chrA1.35829(A | G | 0.1824 | 3744 |
| 1 chrA1.35892(A | G | 0.3312 | 3992 |
| 1 chrA1.35962(G | A | 0.2635 | 3996 |
| 1 chrA1.36016(C | A | 0.2268 | 3990 |
| 1 chrA1.36053(A | G | 0.256 | 4004 |
| 1 chrA1.36104(A | G | 0.1351 | 3976 |
| 1 chrA1.36163(G | A | 0.055 | 4000 |
| 1 chrA1.36205(A | C | 0.2439 | 3952 |
| 1 chrA1.36240(A | G | 0.07346 | 4002 |
| 1 chrA1.36291(A | G | 0.2416 | 4002 |
| 1 chrA1.36325(G | A | 0.3106 | 3982 |
| 1 chrA1.36375(A | C | 0.1732 | 3914 |
| 1 chrA1.36417(C | A | 0.139 | 3994 |
| 1 chrA1.36441(G | A | 0.2276 | 3968 |
| 1 chrA1.36472(G | A | 0.3222 | 3936 |
| 1 chrD3.12783(C | A | 0.3652 | 4006 |
| 1 chrA1.36556(A | C | 0.0108 | 3982 |
| 1 chrD1.13156(G | A | 0.01023 | 4008 |
| 1 chrA1.36591(G | A | 0.04568 | 4006 |
| 1 chrA1.36627(G | A | 0.491 | 3978 |
| 1 chrA1.36660(C | A | 0.03466 | 3924 |
| 1 chrA1.36723(G | A | 0.4862 | 3848 |
| 1 chrUn.78242(G | A | 0.1811 | 3954 |
| 1 chrA1.36800(A | G | 0.1637 | 4000 |
| 1 chrA1.36875(A | C | 0.04244 | 3794 |
| 1 chrA1.36957(A | G | 0.006371 | 3924 |
| 1 chrA1.36983(A | G | 0.3949 | 3938 |
| 1 chrA1.37050(A | G | 0.1688 | 3928 |
| 1 chrUn.49803(A | C | 0.4895 | 3806 |
| 1 chrA1.37141(G | A | 0.0766 | 4008 |
| 1 chrA1.37170(A | C | 0.4745 | 3996 |
| 1 chrA1.37203(G | A | 0.3364 | 3992 |
| 1 chrA1.37258(G | A | 0.492 | 3998 |

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| 1 chrA1.373437A | G | 0.01199 | 4002 |
| 1 chrA1.373720C | A | 0.4925 | 3976 |
| 1 chrA1.373980A | G | 0.4167 | 3972 |
| 1 chrA1.374361A | C | 0.03595 | 4006 |
| 1 chrA1.374676G | A | 0.3657 | 3990 |
| 1 chrA1.375395A | C | 0.006986 | 4008 |
| 1 chrA1.375952A | G | 0.2096 | 4002 |
| 1 chrA1.376261A | G | 0.0007511 | 3994 |
| 1 chrA1.376522G | A | 0.3237 | 4000 |
| 1 chrA1.376856G | A | 0.273 | 4008 |
| 1 chrA1.377141G | A | 0.4707 | 3994 |
| 1 chrA1.377453A | G | 0.3584 | 3984 |
| 1 chrA1.378462G | A | 0.3236 | 3996 |
| 1 chrA1.379235C | A | 0.02528 | 3996 |
| 1 chrA1.379581G | A | 0.2066 | 3998 |
| 1 chrA1.379968A | G | 0.2666 | 3994 |
| 1 chrA1.380875G | A | 0.3242 | 3976 |
| 1 chrA1.381452C | A | 0.3153 | 4002 |
| 1 chrA1.381735A | G | 0.4601 | 4008 |
| 1 chrA1.383245A | G | 0.1645 | 4000 |
| 1 chrA1.383798C | A | 0.2926 | 3954 |
| 1 chrA1.384118G | A | 0.04271 | 4004 |
| 1 chrA1.384405A | G | 0.1068 | 3998 |
| 1 chrA1.384842A | G | 0.06135 | 4010 |
| 1 chrA1.384894A | G | 0.1731 | 4004 |
| 1 chrA1.385564A | G | 0.08862 | 3972 |
| 1 chrA1.385902A | G | 0.4978 | 4006 |
| 1 chrA1.387048G | A | 0.4561 | 3736 |
| 1 chrA1.387415A | G | 0.2763 | 3934 |
| 1 chrA1.388032G | A | 0.4683 | 4004 |
| 1 chrA1.388597G | A | 0.2284 | 3988 |
| 1 chrA1.389325G | A | 0.05547 | 4002 |
| 1 chrA1.389653A | G | 0.154 | 3988 |
| 1 chrA1.390004C | A | 0.2071 | 3988 |
| 1 chrA1.390375A | G | 0.2858 | 4000 |
| 1 chrA1.391475A | C | 0.1647 | 3970 |
| 1 chrA1.391928G | A | 0.08591 | 4004 |
| 1 chrA1.392475A | G | 0.214 | 4004 |
| 1 chrA1.393115A | G | 0.2495 | 4008 |
| 1 chrA1.393310G | A | 0.0743 | 3930 |
| 1 chrA1.393680G | A | 0.2542 | 4000 |

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| 1 chrA1.394030A | C | 0.02089 | 3878 |
| 1 chrA1.394301A | G | 0.4338 | 4004 |
| 1 chrA1.394831 | 0 A | 0 | 4010 |
| 1 chrA1.395120A | C | 0.4273 | 3976 |
| 1 chrA1.395707G | A | 0.1415 | 3986 |
| 1 chrA1.396042A | G | 0.4602 | 3996 |
| 1 chrA1.396387A | G | 0.1396 | 3960 |
| 1 chrA1.396675 | 0 A | 0 | 4008 |
| 1 chrA1.396686 | 0 C | 0 | 4008 |
| 1 chrA1.397316A | C | 0.1998 | 3884 |
| 1 chrA1.397690A | G | 0.1292 | 4008 |
| 1 chrA1.397928A | G | 0.4632 | 3938 |
| 1 chrA1.398278A | G | 0.1296 | 4004 |
| 1 chrA1.398784G | A | 0.1434 | 4004 |
| 1 chrA1.399309A | G | 0.2384 | 4010 |
| 1 chrA1.399887A | G | 0.4506 | 3984 |
| 1 chrA1.400136C | A | 0.2635 | 3996 |
| 1 chrA1.401035A | G | 0.1337 | 4008 |
| 1 chrA1.402027A | G | 0.2126 | 3988 |
| 1 chrA1.402431G | A | 0.2599 | 3994 |
| 1 chrA1.402674A | G | 0.3585 | 3986 |
| 1 chrA1.403078A | C | 0.1116 | 3998 |
| 1 chrA1.404069G | A | 0.1712 | 4002 |
| 1 chrA1.405016A | G | 0.333 | 3988 |
| 1 chrA1.405442A | G | 0.174 | 4006 |
| 1 chrA1.405731A | G | 0.03573 | 4002 |
| 1 chrA1.406335A | C | 0.135 | 4008 |
| 1 chrA1.406836A | C | 0.227 | 4008 |
| 1 chrA1.407695A | G | 0.4405 | 4002 |
| 1 chrA1.407958C | A | 0.1571 | 4004 |
| 1 chrA1.408355A | G | 0.1644 | 3996 |
| 1 chrA1.408758G | A | 0.2857 | 4008 |
| 1 chrA1.409398G | A | 0.4507 | 3852 |
| 1 chrA1.409811G | A | 0.14 | 4000 |
| 1 chrA1.410515G | A | 0.3287 | 4000 |
| 1 chrA1.410967A | G | 0.2037 | 4006 |
| 1 chrA1.411339A | C | 0.4756 | 3936 |
| 1 chrA1.412062A | G | 0.2824 | 4002 |
| 1 chrA1.412315A | C | 0.4215 | 3962 |
| 1 chrA1.412691G | A | 0.3558 | 4000 |
| 1 chrA1.413000A | G | 0.2865 | 3944 |

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|---------------|---|-----|---------|------|
| 1 chrA1.41327 | G | A | 0.2119 | 3998 |
| 1 chrA1.41401 | G | A | 0.02046 | 4008 |
| 1 chrA1.41456 | A | G | 0.2873 | 3996 |
| 1 chrA1.41509 | A | C | 0.2565 | 3996 |
| 1 chrA1.41703 | A | G | 0.4046 | 4006 |
| 1 chrA1.41730 | G | A | 0.2991 | 3972 |
| 1 chrA1.41778 | G | A | 0.292 | 4004 |
| 1 chrA3.50924 | A | G | 0.3407 | 3936 |
| 1 chrA1.41840 | A | G | 0.1933 | 3998 |
| 1 chrA3.51041 | G | A | 0.1066 | 4004 |
| 1 chrA1.41920 | G | A | 0.4241 | 3846 |
| 1 chrA1.41944 | A | G | 0.04208 | 3992 |
| 1 chrA1.42070 | G | A | 0.1522 | 4000 |
| 1 chrA1.42128 | A | G | 0.1569 | 4002 |
| 1 chrA1.42177 | G | A | 0.2126 | 4002 |
| 1 chrA1.42255 | G | A | 0.3227 | 3998 |
| 1 chrA1.42310 | G | A | 0.3422 | 3986 |
| 1 chrA1.42338 | A | C | 0.2127 | 3982 |
| 1 chrA1.42407 | A | G | 0.06581 | 3966 |
| 1 chrA1.42455 | G | A | 0.1316 | 3990 |
| 1 chrUn.22705 | C | A | 0.3796 | 3962 |
| 1 chrA1.42479 | G | A | 0.08806 | 3986 |
| 1 chrA1.42535 | G | A | 0.3093 | 3970 |
| 1 chrA1.42570 | A | G | 0.335 | 3994 |
| 1 chrUn.19238 | A | G | 0.3 | 4004 |
| 1 chrA1.42622 | A | G | 0.2056 | 4008 |
| 1 chrA1.42671 | A | G | 0.1997 | 3966 |
| 1 chrA1.42704 | G | A | 0.4523 | 3960 |
| 1 chrA1.42731 | A | 0 A | 0 | 4010 |
| 1 chrA1.42789 | G | A | 0.4595 | 3904 |
| 1 chrA1.42815 | A | C | 0.275 | 3906 |
| 1 chrA1.42857 | A | G | 0.2912 | 3952 |
| 1 chrA1.42891 | A | G | 0.4643 | 3978 |
| 1 chrA1.42937 | G | A | 0.1873 | 3876 |
| 1 chrA1.42970 | G | A | 0.373 | 4008 |
| 1 chrA1.43022 | A | G | 0.3244 | 4004 |
| 1 chrA1.43058 | G | A | 0.1183 | 3998 |
| 1 chrA1.43116 | G | A | 0.3517 | 3946 |
| 1 chrA1.43147 | G | A | 0.2102 | 4006 |
| 1 chrA1.43199 | G | A | 0.1971 | 4008 |
| 1 chrA1.43233 | A | G | 0.06285 | 3946 |

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| 1 chrA1.432862G | A | 0.229 | 4008 |
| 1 chrUn.795354A | C | 0.1059 | 3996 |
| 1 chrA1.433511 | 0 A | 0 | 4006 |
| 1 chrA1.433605C | A | 0.06392 | 3880 |
| 1 chrA1.434286G | A | 0.2425 | 4000 |
| 1 chrA1.434796A | G | 0.2236 | 3994 |
| 1 chrA1.435138G | A | 0.06738 | 3992 |
| 1 chrA1.435539C | A | 0.1549 | 4002 |
| 1 chrA1.435960G | A | 0.1963 | 3998 |
| 1 chrA1.436384G | A | 0.2099 | 3988 |
| 1 chrA1.436651A | G | 0.1462 | 3988 |
| 1 chrA1.437281A | G | 0.2231 | 4008 |
| 1 chrA1.437699C | A | 0.3018 | 4000 |
| 1 chrA1.438257G | A | 0.3138 | 4006 |
| 1 chrA1.438769A | G | 0.493 | 4006 |
| 1 chrA1.438798A | G | 0.001496 | 4010 |
| 1 chrA1.439389A | G | 0.3835 | 3964 |
| 1 chrA1.439639A | G | 0.1494 | 4002 |
| 1 chrA1.440000A | C | 0.2947 | 3892 |
| 1 chrA1.440298G | A | 0.0503 | 3936 |
| 1 chrA1.440586C | A | 0.2811 | 3864 |
| 1 chrA1.441006A | G | 0.2691 | 4002 |
| 1 chrA1.441269G | A | 0.26 | 4000 |
| 1 chrA1.442029A | G | 0.1807 | 3984 |
| 1 chrA1.442589G | A | 0.1353 | 3644 |
| 1 chrA1.443026A | G | 0.1662 | 3994 |
| 1 chrA1.444452A | C | 0.07341 | 3596 |
| 1 chrA1.444978A | C | 0.1141 | 3732 |
| 1 chrB1.130269A | G | 0.4859 | 3958 |
| 1 chrB1.130202G | A | 0.2856 | 3988 |
| 1 chrA1.446000G | A | 0.1613 | 4000 |
| 1 chrA1.446371G | A | 0.1966 | 3780 |
| 1 chrA1.446837A | G | 0.1057 | 3868 |
| 1 chrA1.447329A | G | 0.06648 | 3866 |
| 1 chrA1.447926A | G | 0.2318 | 4004 |
| 1 chrA1.448114A | G | 0.1323 | 3696 |
| 1 chrA1.448688A | G | 0.1178 | 3938 |
| 1 chrA1.449060A | G | 0.1446 | 3998 |
| 1 chrA1.450139G | A | 0.1055 | 3932 |
| 1 chrA1.450660G | A | 0.427 | 3862 |
| 1 chrA1.451788A | G | 0.243 | 3992 |

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| 1 chrA1.452182A | G | 0.2307 | 3888 |
| 1 chrA1.452826C | A | 0.04709 | 3992 |
| 1 chrA1.453315C | A | 0.349 | 3988 |
| 1 chrA1.453560A | C | 0.06525 | 4000 |
| 1 chrA1.454015A | G | 0.4877 | 3970 |
| 1 chrUn.708810C | A | 0.4928 | 3876 |
| 1 chrA1.454900G | A | 0.4257 | 3864 |
| 1 chrA1.455336C | A | 0.25 | 3952 |
| 1 chrA1.455450G | A | 0.1538 | 3998 |
| 1 chrA1.455736A | C | 0.1079 | 3986 |
| 1 chrA1.456194A | C | 0.1931 | 3998 |
| 1 chrA1.457337G | A | 0.02524 | 4002 |
| 1 chrA1.458052A | G | 0.09241 | 4004 |
| 1 chrA1.458538G | A | 0.263 | 3966 |
| 1 chrA1.458875A | G | 0.3372 | 3998 |
| 1 chrA1.459436G | A | 0.1116 | 3998 |
| 1 chrA1.459977A | G | 0.3283 | 4000 |
| 1 chrA1.460316G | A | 0.09075 | 4000 |
| 1 chrA1.460874G | A | 0.1155 | 3984 |
| 1 chrA1.461755A | G | 0.1624 | 4002 |
| 1 chrA1.462118G | A | 0.4263 | 3990 |
| 1 chrA1.462374A | G | 0.3789 | 4004 |
| 1 chrA1.462880G | A | 0.4546 | 3968 |
| 1 chrA1.463225A | G | 0.1743 | 3982 |
| 1 chrA1.463714G | A | 0.1177 | 3662 |
| 1 chrA1.464302A | G | 0.4406 | 4004 |
| 1 chrA1.464560A | G | 0.4617 | 3998 |
| 1 chrA1.465006C | A | 0.1694 | 4002 |
| 1 chrA1.465295G | A | 0.4356 | 4004 |
| 1 chrA1.465642A | C | 0.1536 | 3958 |
| 1 chrA1.465985A | G | 0.165 | 4000 |
| 1 chrUn.766743A | C | 0.2422 | 3980 |
| 1 chrA1.466358G | A | 0.4104 | 3950 |
| 1 chrA1.467318A | G | 0.4542 | 3994 |
| 1 chrA1.467791A | G | 0.3203 | 4006 |
| 1 chrA1.468386G | A | 0.3873 | 4002 |
| 1 chrA1.468942C | A | 0.1009 | 3994 |
| 1 chrA1.469291A | G | 0.2751 | 3940 |
| 1 chrA1.469695G | A | 0.1568 | 4006 |
| 1 chrA1.470018A | G | 0.05248 | 3944 |
| 1 chrA1.470939A | G | 0.07349 | 3878 |

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| 1 chrA1.471074G | A | 0.000998 | 4008 |
| 1 chrA1.471206C | A | 0.1497 | 3940 |
| 1 chrA1.471631G | A | 0.3639 | 3946 |
| 1 chrA1.472904A | G | 0.4664 | 3990 |
| 1 chrA1.473320A | C | 0.1571 | 3984 |
| 1 chrA1.473568A | G | 0.2948 | 3996 |
| 1 chrA1.474104A | G | 0.1729 | 3996 |
| 1 chrA1.474565A | G | 0.2386 | 3994 |
| 1 chrUn.315809G | A | 0.06282 | 3900 |
| 1 chrA1.475577A | G | 0.3776 | 3996 |
| 1 chrA1.476200A | G | 0.1319 | 4002 |
| 1 chrA1.476705A | C | 0.2871 | 3998 |
| 1 chrA1.477169G | A | 0.09985 | 4006 |
| 1 chrA1.477568G | A | 0.4563 | 3934 |
| 1 chrA1.478156G | A | 0.2151 | 4002 |
| 1 chrA1.478817G | A | 0.4335 | 4002 |
| 1 chrA1.478863A | C | 0.09394 | 3992 |
| 1 chrA1.479106A | G | 0.3297 | 4004 |
| 1 chrA1.479553G | A | 0.3074 | 3900 |
| 1 chrA1.479792G | A | 0.3453 | 3898 |
| 1 chrA1.480569C | A | 0.02243 | 3968 |
| 1 chrA1.480736A | G | 0.02745 | 4008 |
| 1 chrA1.481128A | C | 0.1829 | 4008 |
| 1 chrA1.481434G | A | 0.255 | 3992 |
| 1 chrA1.482285A | G | 0.1828 | 4004 |
| 1 chrA1.482800G | A | 0.026 | 4000 |
| 1 chrA1.483240G | A | 0.378 | 4000 |
| 1 chrA1.483493C | A | 0.4788 | 3960 |
| 1 chrA1.483819A | G | 0.01875 | 4000 |
| 1 chrA1.484402A | G | 0.02218 | 3922 |
| 1 chrA1.484926G | A | 0.003242 | 4010 |
| 1 chrA1.485650A | G | 0.3322 | 3910 |
| 1 chrA1.486060A | G | 0.1356 | 3996 |
| 1 chrA1.486397C | A | 0.4425 | 3986 |
| 1 chrA1.486811G | A | 0.415 | 3998 |
| 1 chrA1.487090C | A | 0.3159 | 4008 |
| 1 chrA1.487497A | C | 0.1246 | 3988 |
| 1 chrA1.488262G | A | 0.4987 | 3996 |
| 1 chrA1.488378G | A | 0.09645 | 4002 |
| 1 chrA1.488648G | A | 0.09279 | 3966 |
| 1 chrA1.489114A | C | 0.4285 | 3708 |

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| 1 chrA1.489549G | A | 0.2391 | 3990 |
| 1 chrA1.489836G | A | 0.04696 | 3982 |
| 1 chrA1.490494A | G | 0.1241 | 4004 |
| 1 chrA1.491556A | G | 0.07946 | 3876 |
| 1 chrA1.491935A | G | 0.09466 | 3898 |
| 1 chrA1.492265G | A | 0.3583 | 3972 |
| 1 chrA1.492655G | A | 0.1282 | 4008 |
| 1 chrA1.493092A | G | 0.3233 | 4002 |
| 1 chrA1.493339A | G | 0.1384 | 4002 |
| 1 chrA1.493835A | G | 0.4425 | 3982 |
| 1 chrA1.494125A | C | 0.1116 | 4006 |
| 1 chrA1.494652G | A | 0.1114 | 4004 |
| 1 chrA1.495055A | G | 0.02567 | 3974 |
| 1 chrA1.495566A | G | 0.3326 | 3824 |
| 1 chrA1.495994A | C | 0.1803 | 4000 |
| 1 chrA1.496342A | G | 0.1246 | 3996 |
| 1 chrA1.496739A | G | 0.4624 | 3966 |
| 1 chrA1.497025A | G | 0.2892 | 3984 |
| 1 chrUn.494828A | G | 0.3355 | 3994 |
| 1 chrA1.497404A | G | 0.3358 | 4002 |
| 1 chrA1.497982A | G | 0.2419 | 3998 |
| 1 chrA1.498358C | A | 0.4805 | 3944 |
| 1 chrA1.498855G | A | 0.4492 | 3976 |
| 1 chrA1.499304A | G | 0.1129 | 4004 |
| 1 chrA1.499627A | G | 0.2201 | 4002 |
| 1 chrA1.500799G | A | 0.3199 | 3982 |
| 1 chrA1.500955C | A | 0.4876 | 3886 |
| 1 chrA1.501371G | A | 0.4947 | 3974 |
| 1 chrA1.501982G | A | 0.2097 | 3920 |
| 1 chrA1.502245A | G | 0.2476 | 3902 |
| 1 chrA1.503008A | G | 0.3469 | 3998 |
| 1 chrA1.503335C | A | 0.08215 | 3944 |
| 1 chrA1.503748A | G | 0.4666 | 3898 |
| 1 chrA1.504436A | G | 0.3139 | 3970 |
| 1 chrUn.620841G | A | 0.2085 | 3990 |
| 1 chrA1.504626G | A | 0.2635 | 3902 |
| 1 chrA1.504681A | G | 0.09316 | 4004 |
| 1 chrA1.504927A | C | 0.2299 | 3988 |
| 1 chrA1.505374G | A | 0.06474 | 3738 |
| 1 chrA1.505722A | G | 0.07147 | 3778 |
| 1 chrA1.506426A | G | 0.1079 | 4002 |

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| 1 chrA1.506820G | A | 0.006736 | 3860 |
| 1 chrA1.507070G | A | 0.3991 | 3728 |
| 1 chrA1.507320C | A | 0.3572 | 3844 |
| 1 chrA1.507650A | G | 0.05694 | 4004 |
| 1 chrA1.508830G | A | 0.4514 | 3994 |
| 1 chrA1.509110G | A | 0.4137 | 3964 |
| 1 chrA1.509820G | A | 0.3816 | 3954 |
| 1 chrA1.510110A | G | 0.4482 | 3956 |
| 1 chrA1.510380G | A | 0.2562 | 4004 |
| 1 chrA1.510740G | A | 0.4206 | 3982 |
| 1 chrA1.511250A | G | 0.01571 | 4010 |
| 1 chrA1.512220A | G | 0.279 | 4000 |
| 1 chrA1.512550A | G | 0.2431 | 4002 |
| 1 chrA1.513390G | A | 0.3836 | 4004 |
| 1 chrA1.513650A | G | 0.05266 | 3722 |
| 1 chrA1.514270G | A | 0.3575 | 3992 |
| 1 chrA1.515740G | A | 0.2016 | 4008 |
| 1 chrA1.515250G | A | 0.3666 | 3996 |
| 1 chrA1.516350A | G | 0.3845 | 3990 |
| 1 chrA1.516720C | A | 0.2562 | 3790 |
| 1 chrA1.517080A | G | 0.3679 | 3996 |
| 1 chrA1.517560G | A | 0.134 | 4008 |
| 1 chrA1.517880G | A | 0.357 | 4008 |
| 1 chrA1.518450A | C | 0.4604 | 3992 |
| 1 chrA1.519020G | A | 0.251 | 3996 |
| 1 chrA1.519840A | G | 0.2459 | 4010 |
| 1 chrA1.520970A | G | 0.06965 | 4006 |
| 1 chrA1.521050A | G | 0.01972 | 3854 |
| 1 chrA1.521320A | G | 0.04863 | 4010 |
| 1 chrA1.521590A | G | 0.3944 | 4004 |
| 1 chrA1.522800A | C | 0.2215 | 3996 |
| 1 chrA1.523560A | G | 0.3747 | 4006 |
| 1 chrA1.523970C | A | 0.2355 | 4000 |
| 1 chrA1.524210A | G | 0.1694 | 4002 |
| 1 chrA1.524500A | 0 A | 0 | 4010 |
| 1 chrA1.524900C | A | 0.2708 | 3974 |
| 1 chrA1.525170A | G | 0.4095 | 4000 |
| 1 chrUn.922910A | G | 0.3763 | 3890 |
| 1 chrA1.526250A | G | 0.3586 | 4004 |
| 1 chrA1.526610A | C | 0.052 | 4000 |
| 1 chrA1.527210A | G | 0.4962 | 3970 |

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| 1 chrA1.527810G | A | 0.0002496 | 4006 |
| 1 chrA1.527811A | G | 0.007587 | 3954 |
| 1 chrA1.529168G | A | 0.4949 | 3954 |
| 1 chrA1.529475G | A | 0.3506 | 4002 |
| 1 chrA1.530006G | A | 0.3137 | 3998 |
| 1 chrA1.532206A | G | 0.4164 | 3972 |
| 1 chrA1.532536G | A | 0.0922 | 4002 |
| 1 chrA1.533064A | G | 0.3729 | 3974 |
| 1 chrA1.533696G | A | 0.4885 | 3916 |
| 1 chrA1.534374A | G | 0.006021 | 3986 |
| 1 chrA1.535216G | A | 0.3992 | 4000 |
| 1 chrUn.446353A | G | 0.4309 | 3876 |
| 1 chrA1.536101G | A | 0.1047 | 4002 |
| 1 chrA1.536858A | G | 0.2314 | 3962 |
| 1 chrA1.537367C | A | 0.2372 | 4000 |
| 1 chrA1.538366A | G | 0.1498 | 3904 |
| 1 chrA1.538811A | C | 0.3099 | 3898 |
| 1 chrA1.539695G | A | 0.3616 | 4004 |
| 1 chrA1.539935G | A | 0.1884 | 3662 |
| 1 chrA1.540185G | A | 0.2801 | 3984 |
| 1 chrA1.540642G | A | 0.3669 | 4004 |
| 1 chrA1.541121A | G | 0.09738 | 3964 |
| 1 chrA1.541565A | G | 0.2376 | 3994 |
| 1 chrA1.542045A | G | 0.1282 | 4010 |
| 1 chrA1.542556A | G | 0.2976 | 3968 |
| 1 chrA1.543284A | G | 0.2526 | 3776 |
| 1 chrA1.543667A | G | 0.2591 | 4006 |
| 1 chrA1.544017G | A | 0.498 | 4000 |
| 1 chrB3.855765A | C | 0.1759 | 3962 |
| 1 chrA1.544657G | A | 0.4932 | 3986 |
| 1 chrA1.544985C | A | 0.1274 | 3994 |
| 1 chrA1.545246G | A | 0.1386 | 4004 |
| 1 chrA1.545606A | G | 0.283 | 3996 |
| 1 chrA1.546466A | G | 0.3505 | 4006 |
| 1 chrA1.546995G | A | 0.329 | 3906 |
| 1 chrA1.547336A | G | 0.3756 | 4010 |
| 1 chrA1.547814A | G | 0.1352 | 4010 |
| 1 chrA1.548105 | 0 A | 0 | 4010 |
| 1 chrA1.548435A | G | 0.2842 | 3944 |
| 1 chrA1.549646A | G | 0.04947 | 3800 |
| 1 chrA1.550036G | A | 0.08396 | 4002 |

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| 1 chrA1.55044 | A | G | 0.3747 | 3998 |
| 1 chrA1.55084 | A | G | 0.1059 | 4004 |
| 1 chrA1.55160 | C | A | 0.04037 | 3988 |
| 1 chrA1.55186 | G | A | 0.2565 | 4004 |
| 1 chrA1.55221 | G | A | 0.1766 | 3976 |
| 1 chrA1.55252 | G | A | 0.1882 | 3996 |
| 1 chrA1.55286 | G | A | 0.4819 | 3988 |
| 1 chrA1.55336 | A | G | 0.1993 | 4000 |
| 1 chrA1.55384 | C | A | 0.4184 | 3996 |
| 1 chrA1.55425 | G | A | 0.1535 | 3994 |
| 1 chrA1.55474 | A | G | 0.3209 | 3980 |
| 1 chrA1.55489 | A | G | 0.4151 | 3948 |
| 1 chrA1.55511 | C | A | 0.2973 | 3986 |
| 1 chrA1.55535 | A | G | 0.3367 | 3998 |
| 1 chrA1.55578 | A | G | 0.2135 | 4004 |
| 1 chrA1.55612 | C | A | 0.3579 | 3998 |
| 1 chrA1.55636 | C | A | 0.262 | 4008 |
| 1 chrA1.55690 | C | A | 0.1812 | 4006 |
| 1 chrA1.55748 | G | A | 0.2327 | 3992 |
| 1 chrA1.55774 | A | G | 0.1765 | 3938 |
| 1 chrA1.55821 | G | A | 0.1946 | 3992 |
| 1 chrA1.55847 | C | A | 0.4104 | 3940 |
| 1 chrA1.55879 | A | G | 0.3281 | 3978 |
| 1 chrA1.55923 | G | A | 0.3392 | 3974 |
| 1 chrA1.55976 | A | G | 0.2664 | 4006 |
| 1 chrA1.56011 | C | A | 0.3879 | 3908 |
| 1 chrA1.56081 | G | A | 0.1155 | 4010 |
| 1 chrA1.56121 | C | A | 0.1051 | 4004 |
| 1 chrA1.56182 | A | G | 0.1726 | 4004 |
| 1 chrA1.56272 | C | A | 0.1549 | 3996 |
| 1 chrA1.56318 | C | G | 0.09698 | 3970 |
| 1 chrA1.56346 | C | A | 0.1231 | 3988 |
| 1 chrA1.56412 | G | A | 0.1782 | 3996 |
| 1 chrA1.56458 | C | A | 0.2569 | 3994 |
| 1 chrA1.56485 | C | G | 0.1111 | 3998 |
| 1 chrA1.56519 | C | A | 0.002494 | 4010 |
| 1 chrA1.56576 | C | G | 0.4737 | 3986 |
| 1 chrA1.56613 | C | A | 0.1335 | 3978 |
| 1 chrA1.56613 | G | A | 0.001507 | 3982 |
| 1 chrUn.26046 | C | A | 0.4764 | 3986 |
| 1 chrUn.58162 | C | A | 0.2612 | 4000 |

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| 1 chrA1.566965A | C | 0.2805 | 4004 |
| 1 chrA1.567450G | A | 0.03217 | 4010 |
| 1 chrA1.568041G | A | 0.1354 | 4002 |
| 1 chrA1.568646A | G | 0.2837 | 4004 |
| 1 chrA1.569008A | G | 0.06665 | 4006 |
| 1 chrA1.569604A | G | 0.09569 | 3992 |
| 1 chrA1.569909A | G | 0.06903 | 3998 |
| 1 chrA1.570367A | G | 0.1268 | 4006 |
| 1 chrA1.570759G | A | 0.05165 | 4008 |
| 1 chrA1.570759G | A | 0.05017 | 4006 |
| 1 chrA1.571121G | A | 0.06853 | 3998 |
| 1 chrA1.571629G | A | 0.0305 | 4000 |
| 1 chrA1.572184A | C | 0.04608 | 3950 |
| 1 chrA1.574699A | G | 0.0684 | 4006 |
| 1 chrA1.575040A | G | 0.3491 | 3964 |
| 1 chrA1.575981C | A | 0.08806 | 3986 |
| 1 chrA1.577079G | A | 0.1173 | 3990 |
| 1 chrA1.576537G | A | 0.426 | 4002 |
| 1 chrA1.577846G | A | 0.4389 | 3944 |
| 1 chrA1.578174G | A | 0.1002 | 3852 |
| 1 chrA1.578599A | G | 0.01927 | 3892 |
| 1 chrA1.579182A | G | 0.4218 | 3990 |
| 1 chrA1.579416 | 0 G | 0 | 4010 |
| 1 chrA1.579889A | C | 0.2283 | 4004 |
| 1 chrA1.580239A | C | 0.04495 | 3960 |
| 1 chrA1.579469G | A | 0.3078 | 3990 |
| 1 chrA1.580556G | A | 0.1287 | 4002 |
| 1 chrA1.580910A | G | 0.3647 | 3990 |
| 1 chrA1.581182G | A | 0.08469 | 3802 |
| 1 chrA1.581440A | G | 0.273 | 3982 |
| 1 chrA1.581549G | A | 0.1856 | 3954 |
| 1 chrA1.581879C | A | 0.2731 | 3988 |
| 1 chrA1.582114A | C | 0.2471 | 4010 |
| 1 chrA1.581461A | C | 0.3291 | 3968 |
| 1 chrA1.582779A | G | 0.1243 | 4008 |
| 1 chrA1.583619A | G | 0.3043 | 4002 |
| 1 chrA1.584059A | G | 0.1399 | 3918 |
| 1 chrA1.584508A | G | 0.3535 | 3994 |
| 1 chrA1.585009G | A | 0.4115 | 4002 |
| 1 chrA1.584752A | G | 0.3033 | 4002 |
| 1 chrA1.586254G | A | 0.04993 | 4006 |

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| 1 chrA1.586536G | A | 0.2932 | 4008 |
| 1 chrA1.587134A | G | 0.4818 | 3960 |
| 1 chrA1.587546G | A | 0.401 | 4002 |
| 1 chrA1.587813A | C | 0.1156 | 3900 |
| 1 chrA1.589822A | G | 0.1673 | 4000 |
| 1 chrA1.590151A | G | 0.4841 | 3970 |
| 1 chrA1.590758C | A | 0.3761 | 3770 |
| 1 chrA1.591057C | A | 0.4088 | 4004 |
| 1 chrA1.591375G | A | 0.3054 | 4004 |
| 1 chrA1.592087A | C | 0.05053 | 3998 |
| 1 chrA1.592380G | A | 0.1854 | 3996 |
| 1 chrA1.592738A | G | 0.4777 | 3996 |
| 1 chrA1.593231G | A | 0.1943 | 4000 |
| 1 chrA1.593573A | G | 0.07987 | 3994 |
| 1 chrA1.594187G | A | 0.06471 | 3956 |
| 1 chrA1.594891A | G | 0.2299 | 3998 |
| 1 chrA1.595883G | A | 0.4496 | 4006 |
| 1 chrA1.596161A | G | 0.4692 | 3988 |
| 1 chrA1.596601G | A | 0.3818 | 4000 |
| 1 chrA1.596847A | G | 0.4569 | 3988 |
| 1 chrA1.597324A | G | 0.1809 | 3958 |
| 1 chrA1.597500G | A | 0.04775 | 4000 |
| 1 chrA1.597896A | G | 0.3971 | 3976 |
| 1 chrA1.598257A | G | 0.4225 | 4002 |
| 1 chrA1.598312A | G | 0.03294 | 3916 |
| 1 chrA1.598721G | A | 0.09625 | 4000 |
| 1 chrA1.599130G | A | 0.2223 | 3994 |
| 1 chrA1.599719A | G | 0.08458 | 4008 |
| 1 chrA1.600212A | G | 0.4559 | 3994 |
| 1 chrA1.600539G | A | 0.2257 | 3996 |
| 1 chrA1.601198A | G | 0.1978 | 3988 |
| 1 chrA1.601454G | A | 0.03846 | 4004 |
| 1 chrA1.602127A | G | 0.1108 | 4006 |
| 1 chrA1.602707G | A | 0.2521 | 3962 |
| 1 chrA1.603386A | G | 0.1218 | 3964 |
| 1 chrA1.603703A | G | 0.2424 | 3960 |
| 1 chrA1.604208A | G | 0.04928 | 3876 |
| 1 chrA1.604824A | C | 0.03073 | 4002 |
| 1 chrA1.605627C | A | 0.1138 | 3980 |
| 1 chrA1.605765A | G | 0.03794 | 4006 |
| 1 chrA1.606048A | G | 0.08787 | 4006 |

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| 1 chrA1.606324A | G | 0.2285 | 3996 |
| 1 chrA1.607069C | A | 0.2374 | 4002 |
| 1 chrA1.607686A | G | 0.0993 | 4008 |
| 1 chrA1.607839 | 0 A | 0 | 4010 |
| 1 chrA1.607995A | G | 0.1856 | 3998 |
| 1 chrA1.608585A | G | 0.4453 | 4006 |
| 1 chrA1.609391A | G | 0.06808 | 4010 |
| 1 chrA1.609695G | A | 0.4605 | 3976 |
| 1 chrA1.610172C | A | 0.09531 | 4008 |
| 1 chrA1.611007G | A | 0.168 | 4006 |
| 1 chrA1.611399G | A | 0.4029 | 4006 |
| 1 chrA1.611666G | A | 0.2866 | 3978 |
| 1 chrA1.612168A | G | 0.3234 | 4004 |
| 1 chrA1.612690G | A | 0.06775 | 4000 |
| 1 chrA1.613795A | G | 0.09556 | 4008 |
| 1 chrA1.614450G | A | 0.4064 | 4006 |
| 1 chrA1.615072A | C | 0.399 | 3990 |
| 1 chrA1.615811G | A | 0.1298 | 4006 |
| 1 chrA1.616329A | G | 0.3894 | 3978 |
| 1 chrA1.616904G | A | 0.3608 | 4002 |
| 1 chrA1.617885A | G | 0.2151 | 3974 |
| 1 chrA1.618508A | G | 0.1487 | 4008 |
| 1 chrA1.619114A | G | 0.3937 | 3998 |
| 1 chrA1.619789A | G | 0.2161 | 3988 |
| 1 chrA1.620139G | A | 0.2548 | 4000 |
| 1 chrA1.620345A | G | 0.1135 | 3992 |
| 1 chrA1.620881A | G | 0.0987 | 3850 |
| 1 chrA1.621274A | G | 0.09545 | 4002 |
| 1 chrA1.621766A | G | 0.07044 | 3776 |
| 1 chrA1.622182G | A | 0.1284 | 4004 |
| 1 chrA1.623145G | A | 0.01956 | 3630 |
| 1 chrA1.623698A | G | 0.4333 | 3988 |
| 1 chrA1.624001C | A | 0.2966 | 4002 |
| 1 chrA1.624389A | G | 0.1083 | 3978 |
| 1 chrA1.625105C | A | 0.02022 | 4006 |
| 1 chrA1.625740G | A | 0.1243 | 3966 |
| 1 chrA1.625987G | A | 0.224 | 3996 |
| 1 chrA1.626236G | A | 0.1366 | 3996 |
| 1 chrA1.626714A | G | 0.002996 | 4006 |
| 1 chrA1.627079G | A | 0.2417 | 3988 |
| 1 chrA1.627352A | G | 0.06742 | 3960 |

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| 1 chrA1.62785 | G A | 0.02634 | 3872 |
| 1 chrA1.62829 | G A | 0.411 | 3990 |
| 1 chrA1.62897 | G A | 0.06238 | 4008 |
| 1 chrA1.62922 | G A | 0.3566 | 3996 |
| 1 chrA1.62947 | G A | 0.4959 | 3934 |
| 1 chrA1.62975 | G A | 0.09885 | 3986 |
| 1 chrA1.63013 | G C | 0.3289 | 3998 |
| 1 chrA1.63144 | G A | 0.4615 | 3998 |
| 1 chrA1.63227 | G A | 0.2173 | 4004 |
| 1 chrA1.63281 | G C | 0.2194 | 3974 |
| 1 chrA1.63317 | G A | 0.07229 | 3998 |
| 1 chrA1.63344 | G A | 0.1338 | 4006 |
| 1 chrA1.63397 | G A | 0.08508 | 3914 |
| 1 chrA1.63438 | G A | 0.07198 | 3918 |
| 1 chrA1.63463 | G A | 0.2967 | 4004 |
| 1 chrA1.63489 | G A | 0.08962 | 4006 |
| 1 chrA1.63516 | G A | 0.07043 | 4004 |
| 1 chrA1.63544 | G A | 0.1265 | 4000 |
| 1 chrA1.63593 | G A | 0.22 | 3996 |
| 1 chrA1.63620 | G A | 0.002746 | 4006 |
| 1 chrA1.63653 | G A | 0.279 | 3996 |
| 1 chrA1.63694 | G A | 0.4055 | 3998 |
| 1 chrA1.63758 | G A | 0.02556 | 3912 |
| 1 chrA1.63783 | G A | 0.0366 | 3880 |
| 1 chrA1.63808 | G A | 0.431 | 3998 |
| 1 chrA1.63879 | G A | 0.1464 | 3996 |
| 1 chrA1.63923 | G A | 0 | 4006 |
| 1 chrA1.63944 | G A | 0.0487 | 4004 |
| 1 chrUn.69655 | G A | 0.3074 | 3826 |
| 1 chrA1.64026 | G A | 0.1001 | 4004 |
| 1 chrA1.64083 | G A | 0.3053 | 4000 |
| 1 chrA1.64114 | G C | 0.1124 | 3854 |
| 1 chrA1.64141 | G A | 0.2284 | 3962 |
| 1 chrA1.64172 | G A | 0.003493 | 4008 |
| 1 chrA1.64197 | G A | 0.1471 | 3978 |
| 1 chrA1.64221 | G A | 0.4798 | 3968 |
| 1 chrA1.64310 | G A | 0.4857 | 3998 |
| 1 chrA1.64380 | G A | 0.07068 | 4004 |
| 1 chrA1.64412 | G A | 0.2735 | 3748 |
| 1 chrA1.64467 | G A | 0.09714 | 3922 |
| 1 chrA1.64494 | G A | 0.04482 | 3994 |

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| 1 chrA1.645302G | A | 0.3167 | 3998 |
| 1 chrA1.645571A | G | 0.479 | 3994 |
| 1 chrA1.645626C | A | 0.2192 | 3850 |
| 1 chrA1.646638A | G | 0.3507 | 3998 |
| 1 chrA1.646987G | A | 0.1382 | 4002 |
| 1 chrA1.647656G | A | 0.009023 | 3990 |
| 1 chrA1.648254A | G | 0.1296 | 3912 |
| 1 chrA1.648782A | G | 0.3453 | 3968 |
| 1 chrA1.649069A | C | 0.2496 | 3990 |
| 1 chrA1.649519G | A | 0.1134 | 4004 |
| 1 chrA1.650059G | A | 0.4984 | 3698 |
| 1 chrA1.650593G | A | 0.0999 | 3984 |
| 1 chrA1.650848G | A | 0.3692 | 3806 |
| 1 chrUn.283158A | G | 0.3295 | 4000 |
| 1 chrA1.652033C | A | 0.2274 | 3984 |
| 1 chrA1.652348G | A | 0.1195 | 3976 |
| 1 chrUn.209939G | A | 0.0989 | 4004 |
| 1 chrA1.652926A | G | 0.02689 | 3942 |
| 1 chrA1.653526G | A | 0.2021 | 3954 |
| 1 chrA1.653863A | G | 0.007603 | 3946 |
| 1 chrA1.653954G | A | 0.05669 | 4004 |
| 1 chrA1.654209G | A | 0.1392 | 3858 |
| 1 chrA1.654496G | A | 0.1404 | 4002 |
| 1 chrA1.654754C | A | 0.431 | 3940 |
| 1 chrA1.655016A | G | 0.2022 | 3962 |
| 1 chrA1.655416A | G | 0.3898 | 3728 |
| 1 chrA1.655756G | A | 0.2034 | 4002 |
| 1 chrA1.656291A | G | 0.1917 | 4002 |
| 1 chrUn.668539G | A | 0.134 | 3954 |
| 1 chrA1.656606G | A | 0.02694 | 3934 |
| 1 chrA1.656714A | G | 0.1284 | 3902 |
| 1 chrA1.657126G | A | 0.03044 | 4008 |
| 1 chrA1.657602A | G | 0.3421 | 3976 |
| 1 chrA1.657726A | G | 0.1393 | 3962 |
| 1 chrA1.658282G | A | 0.1571 | 4004 |
| 1 chrA1.658543A | G | 0.4747 | 3986 |
| 1 chrUn.531819C | A | 0.2979 | 3984 |
| 1 chrA1.659578A | G | 0.2747 | 3954 |
| 1 chrA1.660119G | A | 0.1538 | 3986 |
| 1 chrA1.660868A | G | 0.4875 | 4004 |
| 1 chrA1.662096G | A | 0.1806 | 3998 |

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|----------------|-----|----------|------|
| 1 chrA1.662416 | A | 0.381 | 4000 |
| 1 chrA1.662865 | A | 0.3257 | 3730 |
| 1 chrA1.663201 | G | 0.1733 | 3670 |
| 1 chrA1.663492 | A | 0.3109 | 3892 |
| 1 chrA1.664255 | A | 0.001996 | 4008 |
| 1 chrA1.664762 | A | 0.3323 | 3960 |
| 1 chrA1.665316 | G | 0.2197 | 3960 |
| 1 chrA1.666130 | G | 0.4034 | 3994 |
| 1 chrA1.666525 | C | 0.1708 | 3982 |
| 1 chrA1.667035 | C | 0.3609 | 3996 |
| 1 chrA1.667779 | G | 0.09072 | 3858 |
| 1 chrA1.667946 | A | 0.1141 | 3926 |
| 1 chrA1.668660 | A | 0.08896 | 4002 |
| 1 chrA1.668948 | A | 0.1041 | 3930 |
| 1 chrA1.669597 | G | 0.08325 | 4000 |
| 1 chrA1.669755 | A | 0.03365 | 3804 |
| 1 chrA1.670566 | G | 0.007035 | 3980 |
| 1 chrA1.670945 | G | 0.0676 | 3994 |
| 1 chrA1.671605 | A | 0.07842 | 4004 |
| 1 chrA1.671927 | A | 0.3307 | 3976 |
| 1 chrA1.672311 | G | 0.002244 | 4010 |
| 1 chrA1.672645 | G | 0.08013 | 3956 |
| 1 chrA1.672889 | A | 0.1515 | 4006 |
| 1 chrA1.673457 | A | 0.1796 | 4008 |
| 1 chrA1.674149 | A | 0.3541 | 3988 |
| 1 chrA1.675072 | A | 0.4421 | 3988 |
| 1 chrA1.675409 | 0 G | 0 | 4004 |
| 1 chrA1.675951 | A | 0.1352 | 4010 |
| 1 chrA1.676498 | G | 0.3654 | 3990 |
| 1 chrA1.676862 | G | 0.1629 | 4002 |
| 1 chrA1.678309 | G | 0.06198 | 3840 |
| 1 chrA1.678581 | G | 0.04773 | 4002 |
| 1 chrA1.678825 | A | 0.162 | 3988 |
| 1 chrA1.679517 | C | 0.4041 | 3900 |
| 1 chrA1.679909 | G | 0.06857 | 3996 |
| 1 chrA1.680362 | A | 0.1775 | 3684 |
| 1 chrA1.680649 | A | 0.3591 | 3966 |
| 1 chrA1.680941 | G | 0.1576 | 3998 |
| 1 chrA1.681778 | G | 0.1809 | 3948 |
| 1 chrA1.682311 | A | 0.3546 | 3920 |
| 1 chrA1.682575 | G | 0.0395 | 4000 |

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|-----------------|-----|-----------|------|
| 1 chrA1.682832A | G | 0.08962 | 4006 |
| 1 chrA1.682906G | A | 0.2421 | 3986 |
| 1 chrA1.684201A | C | 0.06871 | 3886 |
| 1 chrA1.684625G | A | 0.3293 | 3920 |
| 1 chrA1.685482G | A | 0.3504 | 3970 |
| 1 chrA1.685725G | A | 0.4336 | 3958 |
| 1 chrA1.686325A | G | 0.09166 | 4004 |
| 1 chrA1.686796G | A | 0.3684 | 3996 |
| 1 chrA1.687148G | A | 0.1042 | 4000 |
| 1 chrA1.687455G | A | 0.4935 | 3976 |
| 1 chrA1.688316A | G | 0.4874 | 3976 |
| 1 chrA1.688658A | G | 0.06187 | 3976 |
| 1 chrA1.689086C | A | 0.2077 | 3934 |
| 1 chrA1.689889G | A | 0.4062 | 3998 |
| 1 chrA1.690222A | G | 0.3086 | 3944 |
| 1 chrA1.690741G | A | 0.3245 | 3926 |
| 1 chrA1.691145A | G | 0.292 | 3990 |
| 1 chrA1.691522G | A | 0.3382 | 4004 |
| 1 chrA1.692643A | G | 0.4613 | 4002 |
| 1 chrA1.692846G | A | 0.0004988 | 4010 |
| 1 chrA1.693176G | A | 0.2891 | 3974 |
| 1 chrA1.693716A | G | 0.248 | 3996 |
| 1 chrA1.694019G | A | 0.1668 | 3982 |
| 1 chrUn.784536A | C | 0.4766 | 3896 |
| 1 chrA1.694459G | A | 0.3608 | 3950 |
| 1 chrA1.694888A | G | 0.3016 | 4002 |
| 1 chrA1.695435G | A | 0.2044 | 3998 |
| 1 chrA1.695932G | A | 0.08859 | 3928 |
| 1 chrA1.696269G | A | 0.1772 | 4006 |
| 1 chrA1.696624A | G | 0.2734 | 3918 |
| 1 chrA1.696916G | A | 0.3496 | 3982 |
| 1 chrA1.697249A | G | 0.2811 | 3860 |
| 1 chrA1.697852C | A | 0.03686 | 3798 |
| 1 chrA1.697962 | 0 G | 0 | 4008 |
| 1 chrB4.157941A | C | 0.1116 | 3942 |
| 1 chrA1.698296A | G | 0.06156 | 3996 |
| 1 chrA1.698303G | A | 0.004525 | 3978 |
| 1 chrA1.698549A | G | 0.0903 | 3998 |
| 1 chrA1.698895G | A | 0.1017 | 4002 |
| 1 chrA1.699153A | G | 0.4662 | 3990 |
| 1 chrA1.699608A | C | 0.02274 | 4002 |

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| 1 chrA1.699976C | A | 0.3452 | 4000 |
| 1 chrA1.700367A | G | 0.4474 | 3990 |
| 1 chrA1.700817A | G | 0.3916 | 4002 |
| 1 chrA1.701205G | A | 0.1077 | 4002 |
| 1 chrA1.701561A | G | 0.111 | 3992 |
| 1 chrA1.701906G | A | 0.03416 | 4010 |
| 1 chrB3.103598A | G | 0.03443 | 4008 |
| 1 chrA1.702162A | C | 0.1077 | 3898 |
| 1 chrA1.702509A | G | 0.3123 | 4006 |
| 1 chrA1.702839A | G | 0.3945 | 3990 |
| 1 chrA1.703125G | A | 0.03491 | 4010 |
| 1 chrA1.703752A | G | 0.1321 | 3960 |
| 1 chrA1.704295G | A | 0.2108 | 4004 |
| 1 chrA1.704710A | C | 0.1556 | 3932 |
| 1 chrC1.261967G | A | 0.1058 | 3998 |
| 1 chrA1.705304A | G | 0.4008 | 3992 |
| 1 chrA1.705679A | G | 0.1813 | 3994 |
| 1 chrA1.706215C | A | 0.4322 | 3966 |
| 1 chrA1.706619G | A | 0.2942 | 3994 |
| 1 chrA1.706875G | A | 0.1513 | 3986 |
| 1 chrA1.707379G | A | 0.252 | 3996 |
| 1 chrA1.707405A | G | 0.02272 | 4006 |
| 1 chrA1.707875A | G | 0.1752 | 4006 |
| 1 chrA1.708322A | G | 0.3386 | 4002 |
| 1 chrA1.708696G | A | 0.09612 | 3964 |
| 1 chrA1.709010G | A | 0.3285 | 4000 |
| 1 chrA1.709830G | A | 0.4219 | 3984 |
| 1 chrA1.710346A | G | 0.4326 | 3768 |
| 1 chrA1.710598A | G | 0.1925 | 3912 |
| 1 chrA1.710898A | G | 0.2099 | 3992 |
| 1 chrA1.711225G | A | 0.1718 | 4004 |
| 1 chrA1.711611G | A | 0.3693 | 4002 |
| 1 chrA1.712889G | A | 0.312 | 3994 |
| 1 chrA1.713451G | A | 0.1728 | 4004 |
| 1 chrA1.713858A | G | 0.29 | 3990 |
| 1 chrA1.714171C | A | 0.229 | 3852 |
| 1 chrA1.714409C | A | 0.188 | 4000 |
| 1 chrA1.714697A | G | 0.0467 | 4004 |
| 1 chrA1.715185G | A | 0.2625 | 4000 |
| 1 chrA1.715670A | C | 0.1861 | 3992 |
| 1 chrA1.716105C | A | 0.4985 | 3986 |

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| 1 chrA1.716674G | A | 0.495 | 3996 |
| 1 chrA1.717101A | G | 0.4445 | 3822 |
| 1 chrA1.717588A | G | 0.09061 | 4006 |
| 1 chrA1.717950A | G | 0.2806 | 3984 |
| 1 chrA1.718336G | A | 0.1348 | 3760 |
| 1 chrA1.719046G | A | 0.06438 | 3992 |
| 1 chrA1.719342A | G | 0.4428 | 3966 |
| 1 chrA1.719580G | A | 0.4793 | 4006 |
| 1 chrA1.719838A | C | 0.1726 | 3980 |
| 1 chrA1.720274A | G | 0.1199 | 3960 |
| 1 chrA1.720459A | G | 0.01609 | 3854 |
| 1 chrA1.721807A | G | 0.097 | 4000 |
| 1 chrA1.723029G | A | 0.4648 | 3974 |
| 1 chrA1.723318G | A | 0.127 | 4000 |
| 1 chrA1.723646A | G | 0.08537 | 4006 |
| 1 chrA1.723831A | G | 0.0777 | 3848 |
| 1 chrA1.724459G | A | 0.1148 | 3920 |
| 1 chrA1.725037A | C | 0.1916 | 4004 |
| 1 chrA1.725329G | A | 0.485 | 3998 |
| 1 chrA1.725667A | G | 0.1178 | 3982 |
| 1 chrA1.725966A | G | 0.3543 | 3954 |
| 1 chrA1.726239G | A | 0.4386 | 3830 |
| 1 chrA1.726530A | G | 0.1167 | 4010 |
| 1 chrA1.726931A | G | 0.06047 | 4002 |
| 1 chrA1.727539A | G | 0.05466 | 3988 |
| 1 chrA1.728247A | G | 0.1442 | 3966 |
| 1 chrA1.728659A | G | 0.06188 | 4008 |
| 1 chrA1.729129G | A | 0.1439 | 3990 |
| 1 chrA1.731926C | A | 0.2634 | 4002 |
| 1 chrA1.731678A | G | 0.1544 | 3970 |
| 1 chrA1.731299A | G | 0.1076 | 3884 |
| 1 chrA1.731072G | A | 0.1111 | 3960 |
| 1 chrA1.730650G | A | 0.1515 | 3986 |
| 1 chrA1.729919G | A | 0.4149 | 3984 |
| 1 chrA1.729611A | C | 0.476 | 4006 |
| 1 chrA1.732489C | A | 0.1283 | 3958 |
| 1 chrA1.733389A | G | 0.08875 | 4000 |
| 1 chrA1.733848G | A | 0.3826 | 4002 |
| 1 chrA1.735024A | G | 0.0481 | 3992 |
| 1 chrA1.735266G | A | 0.2804 | 3998 |
| 1 chrA1.735760C | A | 0.07867 | 4004 |

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| 1 chrA1.736011A | G | 0.07425 | 3946 |
| 1 chrA1.73627(A | C | 0.07871 | 4002 |
| 1 chrA1.73667(A | G | 0.08196 | 4002 |
| 1 chrA1.73722(G | A | 0.2775 | 3968 |
| 1 chrA1.73776A | G | 0.08818 | 3992 |
| 1 chrA1.73806G | A | 0.09822 | 3940 |
| 1 chrA1.73842G | A | 0.4533 | 4004 |
| 1 chrA1.73956(G | A | 0.01572 | 4008 |
| 1 chrA1.74007(A | G | 0.008861 | 3950 |
| 1 chrA1.74053G | A | 0.01098 | 4006 |
| 1 chrA1.74147G | A | 0.08587 | 4006 |
| 1 chrA1.74152G | 0 A | 0 | 4004 |
| 1 chrA1.74183G | A | 0.1048 | 3998 |
| 1 chrUn.66043G | A | 0.1607 | 4002 |
| 1 chrA1.74211A | G | 0.3603 | 3872 |
| 1 chrA1.74257G | A | 0.4784 | 3988 |
| 1 chrA1.74282(A | G | 0.1571 | 3984 |
| 1 chrA1.74307A | G | 0.09706 | 4008 |
| 1 chrA1.74333G | A | 0.1106 | 3996 |
| 1 chrA1.74377(A | G | 0.1124 | 3996 |
| 1 chrA1.74410A | G | 0.07825 | 3770 |
| 1 chrA1.74423G | A | 0.07866 | 3992 |
| 1 chrA1.74514(A | G | 0.0948 | 3998 |
| 1 chrA1.74554A | G | 0.07389 | 3708 |
| 1 chrA1.74595A | G | 0.4831 | 3962 |
| 1 chrA1.74605A | G | 0.0295 | 4000 |
| 1 chrA1.74644A | C | 0.282 | 3582 |
| 1 chrA1.74711C | A | 0.3837 | 3990 |
| 1 chrA1.74744(A | G | 0.3273 | 4006 |
| 1 chrA1.74776A | G | 0.0995 | 3980 |
| 1 chrA1.74806(A | G | 0.306 | 4006 |
| 1 chrA1.74865(A | G | 0.3089 | 4004 |
| 1 chrA1.74935(G | A | 0.07614 | 4006 |
| 1 chrA1.74963G | 0 G | 0 | 4006 |
| 1 chrA1.75059A | G | 0.06667 | 3990 |
| 1 chrA1.75100A | G | 0.3092 | 3942 |
| 1 chrA1.75196A | G | 0.07189 | 4006 |
| 1 chrA1.75251A | G | 0.1095 | 4000 |
| 1 chrA1.75283C | A | 0.3221 | 4002 |
| 1 chrA1.75323G | A | 0.2413 | 3986 |
| 1 chrA1.75382G | 0 G | 0 | 4006 |

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|----------------|---|---|---------|------|
| 1 chrA1.753992 | A | G | 0.3759 | 3996 |
| 1 chrA1.755009 | A | G | 0.1294 | 4004 |
| 1 chrA1.755273 | G | A | 0.06219 | 4004 |
| 1 chrA1.755782 | G | A | 0.2306 | 3990 |
| 1 chrA1.756032 | C | A | 0.2755 | 4000 |
| 1 chrA1.756348 | G | A | 0.3764 | 3948 |
| 1 chrA2.177514 | A | G | 0.377 | 3992 |
| 1 chrA1.756958 | A | G | 0.07813 | 4006 |
| 1 chrA1.757445 | G | A | 0.07825 | 4000 |
| 1 chrA1.757685 | G | A | 0.1479 | 4004 |
| 1 chrA1.757944 | G | A | 0.1412 | 3966 |
| 1 chrA1.758595 | A | C | 0.3882 | 4000 |
| 1 chrA1.758973 | G | A | 0.1618 | 4006 |
| 1 chrA1.759406 | A | G | 0.05814 | 3956 |
| 1 chrA1.759647 | A | G | 0.2975 | 4000 |
| 1 chrA1.759767 | A | G | 0.4742 | 3990 |
| 1 chrA1.760402 | A | G | 0.04449 | 3978 |
| 1 chrA1.760747 | A | G | 0.2118 | 3994 |
| 1 chrA1.761282 | A | G | 0.1183 | 4006 |
| 1 chrA1.761289 | C | A | 0.1599 | 3978 |
| 1 chrA1.761591 | A | G | 0.4113 | 3970 |
| 1 chrA1.762012 | A | C | 0.2428 | 3810 |
| 1 chrA1.762474 | A | G | 0.1428 | 3796 |
| 1 chrA1.763457 | G | A | 0.03064 | 3916 |
| 1 chrA1.764079 | A | C | 0.01639 | 3904 |
| 1 chrA1.764486 | A | G | 0.1855 | 3956 |
| 1 chrA1.764816 | A | G | 0.4125 | 4000 |
| 1 chrA1.765136 | C | A | 0.2475 | 3842 |
| 1 chrA1.765977 | C | A | 0.2604 | 3956 |
| 1 chrA1.766588 | A | G | 0.1968 | 4004 |
| 1 chrA1.766887 | A | G | 0.1328 | 3954 |
| 1 chrA1.767206 | A | G | 0.3802 | 3880 |
| 1 chrA1.767875 | A | G | 0.2738 | 4000 |
| 1 chrA1.768135 | G | A | 0.3286 | 3932 |
| 1 chrA1.768496 | G | A | 0.01921 | 4008 |
| 1 chrA1.768926 | G | A | 0.04568 | 4006 |
| 1 chrA1.769218 | A | G | 0.1282 | 3986 |
| 1 chrA1.769596 | G | A | 0.2881 | 4002 |
| 1 chrA1.769845 | A | G | 0.3854 | 3980 |
| 1 chrA1.771344 | A | G | 0.03679 | 3860 |
| 1 chrA1.180004 | A | C | 0.3796 | 4010 |

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| 1 chrA1.771987A | G | 0.01503 | 3860 |
| 1 chrA1.772439G | A | 0.1744 | 4002 |
| 1 chrA1.772924G | A | 0.4942 | 3982 |
| 1 chrA1.773447G | A | 0.348 | 4006 |
| 1 chrA1.773839G | A | 0.1583 | 4004 |
| 1 chrA1.774317A | G | 0.4562 | 3996 |
| 1 chrA1.774860A | G | 0.0385 | 4000 |
| 1 chrA1.775108G | A | 0.03292 | 4010 |
| 1 chrA1.775347A | G | 0.2426 | 3998 |
| 1 chrA1.776087A | G | 0.2686 | 3916 |
| 1 chrA1.776567A | G | 0.09191 | 4004 |
| 1 chrA1.776869A | G | 0.28 | 4000 |
| 1 chrA1.777156A | C | 0.3982 | 3980 |
| 1 chrA1.777556A | G | 0.08392 | 3956 |
| 1 chrA1.777590A | G | 0.05769 | 4004 |
| 1 chrA1.778186G | A | 0.4564 | 3988 |
| 1 chrA1.778601G | A | 0.08683 | 4008 |
| 1 chrA1.778777G | A | 0.2943 | 4000 |
| 1 chrA1.779099A | G | 0.2254 | 3998 |
| 1 chrA1.779478A | G | 0.1004 | 4002 |
| 1 chrA1.779761G | A | 0.04829 | 3748 |
| 1 chrA1.779829A | G | 0.1004 | 3996 |
| 1 chrA1.780139C | A | 0.03222 | 4004 |
| 1 chrA1.780669G | A | 0.2685 | 4004 |
| 1 chrA1.781449A | G | 0.03869 | 4006 |
| 1 chrA1.782199G | A | 0.3368 | 3976 |
| 1 chrUn.537697 | 0 G | 0 | 4008 |
| 1 chrUn.537689A | G | 0.1039 | 4002 |
| 1 chrA1.782887A | G | 0.1182 | 3824 |
| 1 chrA1.783437A | G | 0.4737 | 3996 |
| 1 chrA1.783881A | G | 0.3192 | 3922 |
| 1 chrA1.784330A | G | 0.4392 | 3982 |
| 1 chrA1.784638G | A | 0.369 | 3948 |
| 1 chrA1.784934A | G | 0.3851 | 4004 |
| 1 chrA1.785217C | A | 0.164 | 3946 |
| 1 chrA1.786029G | A | 0.4442 | 3958 |
| 1 chrA1.786354A | G | 0.3758 | 4002 |
| 1 chrA1.786777A | G | 0.1809 | 3996 |
| 1 chrA1.787110A | G | 0.02896 | 4006 |
| 1 chrA1.787667A | G | 0.04975 | 4000 |
| 1 chrA1.787937A | G | 0.2093 | 4000 |

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| 1 chrA1.788236 | C | 0.1717 | 3960 |
| 1 chrA1.788645 | G | 0.3896 | 4004 |
| 1 chrA1.789032 | G | 0.09577 | 3968 |
| 1 chrA1.789552 | A | 0.1523 | 4006 |
| 1 chrA1.789892 | G | 0.31 | 3964 |
| 1 chrA1.790258 | G | 0.2841 | 3998 |
| 1 chrA1.791352 | A | 0.2008 | 4000 |
| 1 chrUn.528963 | G | 0.1735 | 3976 |
| 1 chrA1.791797 | C | 0.2547 | 3978 |
| 1 chrA1.792460 | G | 0.1829 | 4002 |
| 1 chrA1.792737 | C | 0.2432 | 3984 |
| 1 chrA1.793370 | G | 0.4794 | 3986 |
| 1 chrA1.794042 | G | 0.2075 | 4004 |
| 1 chrA1.794875 | G | 0.462 | 3998 |
| 1 chrA1.795218 | G | 0.1752 | 3956 |
| 1 chrA1.796162 | G | 0.1175 | 4008 |
| 1 chrA1.796399 | A | 0.3833 | 4002 |
| 1 chrA1.796838 | G | 0.174 | 3982 |
| 1 chrA1.797227 | A | 0.000999 | 4004 |
| 1 chrA1.797408 | A | 0.4025 | 3988 |
| 1 chrA1.797657 | A | 0.3322 | 3998 |
| 1 chrA1.798859 | A | 0.3137 | 3998 |
| 1 chrA1.799250 | G | 0.2318 | 4000 |
| 1 chrA1.799574 | C | 0.3318 | 4006 |
| 1 chrA1.800266 | A | 0.2483 | 4004 |
| 1 chrA1.800669 | G | 0.2463 | 4004 |
| 1 chrA1.801264 | G | 0.1766 | 3974 |
| 1 chrA1.801433 | 0 A | 0 | 4006 |
| 1 chrA1.801870 | A | 0.2189 | 3998 |
| 1 chrA1.802297 | G | 0.104 | 4008 |
| 1 chrA1.803235 | G | 0.1789 | 4002 |
| 1 chrA1.803705 | A | 0.3381 | 3996 |
| 1 chrA1.804228 | G | 0.4111 | 4004 |
| 1 chrA1.804819 | G | 0.07506 | 4010 |
| 1 chrA1.804758 | G | 0.1118 | 3980 |
| 1 chrA1.805228 | A | 0.06266 | 4006 |
| 1 chrA1.805709 | A | 0.2768 | 4006 |
| 1 chrA1.806393 | A | 0.3431 | 4008 |
| 1 chrA1.806859 | G | 0.2631 | 3994 |
| 1 chrA1.807140 | G | 0.2941 | 3998 |
| 1 chrA1.807582 | A | 0.1815 | 3968 |

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| 1 chrA1.808061G | A | 0.2375 | 4000 |
| 1 chrA1.808390A | G | 0.05439 | 4008 |
| 1 chrA1.809071A | G | 0.3629 | 4004 |
| 1 chrA1.809370A | G | 0.3723 | 4008 |
| 1 chrA1.809792A | G | 0.01174 | 4002 |
| 1 chrA1.810410A | G | 0.09778 | 3968 |
| 1 chrA1.810828A | G | 0.4363 | 4002 |
| 1 chrA1.811266A | G | 0.05975 | 4000 |
| 1 chrA1.811729A | G | 0.06515 | 4006 |
| 1 chrA1.812036A | G | 0.05975 | 4000 |
| 1 chrA1.812461A | G | 0.06444 | 4004 |
| 1 chrA1.812894A | G | 0.09523 | 3980 |
| 1 chrA1.813164A | G | 0.2366 | 4006 |
| 1 chrA1.813647A | G | 0.1738 | 3998 |
| 1 chrA1.814446A | G | 0.1684 | 4008 |
| 1 chrA1.814874A | G | 0.1681 | 3998 |
| 1 chrA1.815139G | A | 0.1581 | 4004 |
| 1 chrA1.815645A | G | 0.2189 | 3870 |
| 1 chrA1.815995G | A | 0.2869 | 4008 |
| 1 chrA1.816151G | A | 0.4912 | 3970 |
| 1 chrA1.816425A | G | 0.2121 | 4002 |
| 1 chrA1.817549A | G | 0.4972 | 3998 |
| 1 chrA1.818229A | C | 0.1101 | 3988 |
| 1 chrA1.818952A | G | 0.1349 | 4004 |
| 1 chrA1.819509G | A | 0.2502 | 4000 |
| 1 chrA1.819868A | G | 0.1422 | 4002 |
| 1 chrA1.819921G | A | 0.1211 | 4004 |
| 1 chrA1.820404A | G | 0.1013 | 4006 |
| 1 chrA1.820740A | G | 0.1568 | 3974 |
| 1 chrA1.820992A | G | 0.1807 | 4006 |
| 1 chrA1.821575C | A | 0.2139 | 4002 |
| 1 chrA1.822156G | A | 0.2207 | 4006 |
| 1 chrA1.822815A | G | 0.1114 | 4004 |
| 1 chrA1.822919A | G | 0.06997 | 4002 |
| 1 chrA1.823352A | G | 0.373 | 4000 |
| 1 chrA1.823880A | G | 0.1333 | 3750 |
| 1 chrA1.824385A | C | 0.1844 | 4002 |
| 1 chrA1.824640G | A | 0.2075 | 3990 |
| 1 chrA1.825615A | G | 0.105 | 3992 |
| 1 chrA1.825899A | G | 0.2807 | 3894 |
| 1 chrA1.826220A | G | 0.2236 | 4008 |

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| 1 chrA1.826595 | A | G | 0.1127 | 4002 |
| 1 chrA1.826885 | A | C | 0.1367 | 4002 |
| 1 chrA1.827575 | A | G | 0.12 | 3932 |
| 1 chrA1.827694 | G | A | 0.1171 | 4004 |
| 1 chrA1.828042 | G | A | 0.3999 | 3988 |
| 1 chrA1.828460 | A | G | 0.08929 | 3998 |
| 1 chrA1.829528 | G | A | 0.3123 | 3990 |
| 1 chrA1.829827 | G | A | 0.4855 | 4002 |
| 1 chrA1.830326 | C | A | 0.2708 | 3992 |
| 1 chrA1.830614 | G | A | 0.1498 | 4000 |
| 1 chrA1.831041 | A | G | 0.3402 | 3906 |
| 1 chrA1.831516 | A | G | 0.01648 | 4006 |
| 1 chrA1.831841 | A | G | 0.3522 | 4000 |
| 1 chrA1.832298 | A | G | 0.3915 | 4000 |
| 1 chrA1.832628 | A | G | 0.2366 | 3948 |
| 1 chrA1.833174 | A | G | 0.2317 | 3996 |
| 1 chrA1.833648 | G | A | 0.2522 | 4000 |
| 1 chrA1.834105 | A | G | 0.3111 | 3918 |
| 1 chrA1.834676 | A | G | 0.1778 | 3994 |
| 1 chrA1.835570 | C | 0 G | 0 | 4008 |
| 1 chrA1.836134 | G | A | 0.3331 | 4002 |
| 1 chrA1.836497 | A | G | 0.08295 | 3930 |
| 1 chrA1.837115 | G | A | 0.1886 | 4004 |
| 1 chrA1.837387 | G | A | 0.1272 | 3994 |
| 1 chrA1.837690 | A | G | 0.1405 | 4000 |
| 1 chrA1.837937 | A | G | 0.3597 | 3998 |
| 1 chrA1.838004 | A | C | 0.01548 | 4006 |
| 1 chrA1.838179 | A | C | 0.2631 | 4002 |
| 1 chrA1.838495 | A | G | 0.2397 | 4000 |
| 1 chrA1.838997 | A | C | 0.0063 | 3968 |
| 1 chrA1.839494 | A | G | 0.441 | 3984 |
| 1 chrA1.840200 | A | G | 0.1215 | 4000 |
| 1 chrA1.840755 | G | A | 0.296 | 4004 |
| 1 chrA1.841192 | A | G | 0.2132 | 4006 |
| 1 chrA1.842086 | G | A | 0.1302 | 4008 |
| 1 chrUn.243125 | A | G | 0.254 | 3956 |
| 1 chrA1.843885 | A | G | 0.2723 | 3908 |
| 1 chrA1.844359 | G | A | 0.2767 | 4004 |
| 1 chrA1.844776 | A | C | 0.1348 | 3976 |
| 1 chrA1.845025 | C | A | 0.3622 | 3990 |
| 1 chrA1.845375 | A | G | 0.4892 | 3998 |

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| 1 chrA1.846074G | A | 0.2739 | 4002 |
| 1 chrA1.846947A | G | 0.1036 | 3996 |
| 1 chrA1.847787A | G | 0.1304 | 4002 |
| 1 chrA1.848066C | A | 0.09738 | 3974 |
| 1 chrA1.848311A | G | 0.3523 | 3948 |
| 1 chrA1.848774A | G | 0.06287 | 4008 |
| 1 chrA1.849021G | A | 0.06135 | 4010 |
| 1 chrA1.849281G | A | 0.2755 | 3986 |
| 1 chrA1.849696A | C | 0.483 | 4004 |
| 1 chrA1.849948C | A | 0.1993 | 3844 |
| 1 chrA1.850375G | A | 0.3924 | 3998 |
| 1 chrA1.850949A | G | 0.06915 | 4006 |
| 1 chrA1.851379A | C | 0.07343 | 4004 |
| 1 chrA1.851734G | A | 0.2121 | 3786 |
| 1 chrA1.852061A | G | 0.1421 | 3926 |
| 1 chrA1.852384A | C | 0.4412 | 3620 |
| 1 chrA1.852565G | A | 0.00632 | 3956 |
| 1 chrA1.852806A | C | 0.119 | 4010 |
| 1 chrA1.853616A | G | 0.1423 | 3970 |
| 1 chrA1.853855G | A | 0.4658 | 4004 |
| 1 chrA1.854187A | G | 0.4919 | 3968 |
| 1 chrA1.854521A | G | 0.293 | 3986 |
| 1 chrA1.855395A | G | 0.3775 | 3804 |
| 1 chrA1.856095A | G | 0.03392 | 3980 |
| 1 chrA1.856359A | G | 0.4561 | 4006 |
| 1 chrA1.856671A | G | 0.1338 | 3992 |
| 1 chrA1.857146G | A | 0.3203 | 4006 |
| 1 chrA1.857466A | C | 0.2352 | 3988 |
| 1 chrA1.858672A | G | 0.4572 | 3948 |
| 1 chrA1.858956A | G | 0.3483 | 3948 |
| 1 chrA1.859615A | G | 0.3258 | 3972 |
| 1 chrA1.860109A | G | 0.4556 | 3964 |
| 1 chrA1.860595A | G | 0.1926 | 3992 |
| 1 chrA1.861126G | A | 0.4625 | 3864 |
| 1 chrA1.861514A | G | 0.374 | 4000 |
| 1 chrA1.862089A | G | 0.07812 | 3930 |
| 1 chrA1.862314A | G | 0.03761 | 3988 |
| 1 chrA1.862516G | A | 0.2232 | 3840 |
| 1 chrA1.863025A | C | 0.2807 | 4000 |
| 1 chrA1.863426A | G | 0.2235 | 3956 |
| 1 chrA1.864185A | G | 0.3296 | 4002 |

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| 1 chrA1.864937A | G | 0.00963 | 3946 |
| 1 chrA1.865388A | G | 0.2735 | 4008 |
| 1 chrA1.866091G | A | 0.3882 | 3936 |
| 1 chrA1.866374G | A | 0.05872 | 4002 |
| 1 chrA1.866731A | C | 0.3406 | 3978 |
| 1 chrA1.867176A | G | 0.3322 | 3988 |
| 1 chrA1.867433A | G | 0.2754 | 4008 |
| 1 chrA1.868207G | A | 0.03327 | 3998 |
| 1 chrA1.868459G | A | 0.1103 | 3998 |
| 1 chrA1.868890G | A | 0.153 | 4000 |
| 1 chrA1.870589A | G | 0.3151 | 4002 |
| 1 chrA1.871313A | G | 0.4747 | 3998 |
| 1 chrA1.871535 | 0 G | 0 | 4006 |
| 1 chrA1.871735G | A | 0.0007496 | 4002 |
| 1 chrUn.426541A | G | 0.3789 | 4004 |
| 1 chrA1.872237G | A | 0.08962 | 4006 |
| 1 chrA1.872573A | G | 0.2248 | 3968 |
| 1 chrA1.873037A | G | 0.327 | 3954 |
| 1 chrA1.873594A | G | 0.261 | 3988 |
| 1 chrA1.873848G | A | 0.4238 | 3976 |
| 1 chrA1.874095A | G | 0.2937 | 4004 |
| 1 chrA1.874427A | G | 0.2929 | 3970 |
| 1 chrA1.874716G | A | 0.2779 | 3998 |
| 1 chrA1.875640A | G | 0.3328 | 3954 |
| 1 chrA1.876129A | G | 0.3708 | 4000 |
| 1 chrA1.876401A | G | 0.4365 | 4002 |
| 1 chrA1.876807A | G | 0.3263 | 4002 |
| 1 chrA1.877448G | A | 0.477 | 4006 |
| 1 chrA1.878221A | G | 0.4476 | 3986 |
| 1 chrA1.878761G | A | 0.2679 | 3998 |
| 1 chrA1.879407A | C | 0.1244 | 4002 |
| 1 chrA1.879785C | A | 0.111 | 4010 |
| 1 chrA1.880168A | G | 0.1255 | 4008 |
| 1 chrA1.880786A | G | 0.2719 | 3990 |
| 1 chrA1.881078G | A | 0.2499 | 3898 |
| 1 chrA1.881957A | G | 0.1441 | 4010 |
| 1 chrA1.882609G | A | 0.04212 | 3894 |
| 1 chrA1.882854A | G | 0.1289 | 3964 |
| 1 chrA1.883531A | G | 0.3983 | 3974 |
| 1 chrA1.883917G | A | 0.3419 | 3998 |
| 1 chrA1.884287G | A | 0.1436 | 4004 |

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| 1 chrA1.88506C | G | 0.2207 | 3988 |
| 1 chrA1.88578G | A | 0.2216 | 4002 |
| 1 chrA1.88616G | A | 0.06097 | 4002 |
| 1 chrA1.886751A | G | 0.03493 | 4008 |
| 1 chrA1.88702G | G | 0.2749 | 3998 |
| 1 chrA1.88734C | A | 0.02946 | 4006 |
| 1 chrA1.88780A | G | 0.3741 | 3986 |
| 1 chrA1.88812G | G | 0.1946 | 3910 |
| 1 chrA1.88863C | A | 0.2206 | 3916 |
| 1 chrA1.889381G | A | 0.3805 | 3982 |
| 1 chrA1.88965C | G | 0.3446 | 4008 |
| 1 chrA1.89030G | G | 0.3325 | 4000 |
| 1 chrA1.89056G | A | 0.1623 | 4006 |
| 1 chrA1.890917A | C | 0.1507 | 4008 |
| 1 chrA1.89116G | A | 0.1418 | 3978 |
| 1 chrA1.89143G | A | 0.2938 | 4006 |
| 1 chrA1.89190G | A | 0.3372 | 3998 |
| 1 chrA1.89223C | G | 0.1822 | 4006 |
| 1 chrA1.892677A | G | 0.2661 | 4006 |
| 1 chrA1.89310C | A | 0.4598 | 3810 |
| 1 chrA1.89335G | A | 0.1468 | 3862 |
| 1 chrA1.893997A | G | 0.1653 | 4004 |
| 1 chrA1.894414A | G | 0.469 | 3964 |
| 1 chrA1.89528G | A | 0.3306 | 3684 |
| 1 chrA1.89637G | G | 0.1629 | 4002 |
| 1 chrA1.89661G | A | 0.00649 | 4006 |
| 1 chrA1.897374A | G | 0.2332 | 3988 |
| 1 chrA1.89834A | G | 0.1377 | 4002 |
| 1 chrA1.89862G | A | 0.02677 | 3960 |
| 1 chrA1.89893G | G | 0.3165 | 3994 |
| 1 chrA1.90003C | A | 0.0002495 | 4008 |
| 1 chrA1.90041G | G | 0.206 | 3946 |
| 1 chrA1.90072G | G | 0.1127 | 3956 |
| 1 chrA1.901044A | G | 0.3849 | 3954 |
| 1 chrA1.90146G | G | 0.004282 | 3970 |
| 1 chrA1.90148G | G | 0.4165 | 4002 |
| 1 chrA1.90220G | A | 0.2312 | 3992 |
| 1 chrA1.902737C | A | 0.1868 | 3994 |
| 1 chrA1.902981A | G | 0.257 | 4000 |
| 1 chrA1.903331A | G | 0.03592 | 3730 |
| 1 chrA1.90362G | G | 0.2369 | 3994 |

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| 1 chrA1.904235G | A | 0.1645 | 4006 |
| 1 chrA1.904674G | A | 0.3975 | 4000 |
| 1 chrA1.905009A | G | 0.1033 | 3978 |
| 1 chrA1.905188C | A | 0.1874 | 4002 |
| 1 chrA1.905414A | G | 0.2627 | 4000 |
| 1 chrA1.905671A | G | 0.3925 | 3962 |
| 1 chrA1.905936A | G | 0.055 | 3982 |
| 1 chrA1.906424A | G | 0.06662 | 4008 |
| 1 chrA1.906801G | A | 0.4969 | 3926 |
| 1 chrA1.907755A | G | 0.01348 | 4006 |
| 1 chrA1.908869C | A | 0.3937 | 3868 |
| 1 chrA1.909219G | A | 0.4025 | 3990 |
| 1 chrA1.909548A | C | 0.04425 | 4000 |
| 1 chrA1.910081A | C | 0.055 | 4000 |
| 1 chrA1.910346G | A | 0.06031 | 3996 |
| 1 chrA1.910584A | G | 0.01549 | 4002 |
| 1 chrA1.910852G | A | 0.03882 | 3890 |
| 1 chrA1.911127A | G | 0.4733 | 4004 |
| 1 chrA1.912367A | G | 0.09286 | 4006 |
| 1 chrA1.912622G | A | 0.257 | 3996 |
| 1 chrA1.913190A | G | 0.195 | 3990 |
| 1 chrA1.914480A | G | 0.1297 | 4010 |
| 1 chrA1.914964C | A | 0.357 | 4000 |
| 1 chrA1.915367A | G | 0.2111 | 3994 |
| 1 chrA1.915695G | A | 0.1559 | 4008 |
| 1 chrA1.916129G | A | 0.2313 | 4004 |
| 1 chrA1.916668G | A | 0.1959 | 4008 |
| 1 chrA1.917255G | A | 0.3545 | 4006 |
| 1 chrA1.917657A | G | 0.4458 | 3984 |
| 1 chrA1.917955A | G | 0.2846 | 4002 |
| 1 chrA1.918488G | A | 0.1665 | 4000 |
| 1 chrA1.919036A | G | 0.1435 | 4008 |
| 1 chrA1.919335G | A | 0.2928 | 3996 |
| 1 chrA1.920027A | G | 0.09815 | 4004 |
| 1 chrA1.920454G | A | 0.2758 | 3974 |
| 1 chrA1.920858G | A | 0.2514 | 3898 |
| 1 chrA1.921159C | A | 0.1502 | 4000 |
| 1 chrA1.921444A | G | 0.3694 | 4006 |
| 1 chrA1.921817G | A | 0.1241 | 3998 |
| 1 chrA1.922118A | G | 0.1957 | 3996 |
| 1 chrA1.922434A | G | 0.07855 | 4010 |

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| 1 chrA1.923209G | A | 0.4767 | 3996 |
| 1 chrA1.923570A | G | 0.1699 | 3978 |
| 1 chrA1.924070G | A | 0.4927 | 3994 |
| 1 chrA1.924328G | A | 0.3346 | 3984 |
| 1 chrA1.924792G | A | 0.05869 | 4004 |
| 1 chrA1.924835A | G | 0.4249 | 4008 |
| 1 chrA1.925502A | G | 0.1233 | 4008 |
| 1 chrA1.925838C | A | 0.164 | 4006 |
| 1 chrA1.926439G | A | 0.2629 | 4002 |
| 1 chrA1.926951A | G | 0.2077 | 4000 |
| 1 chrA1.927522A | G | 0.2299 | 4002 |
| 1 chrA1.927766A | G | 0.2245 | 3920 |
| 1 chrA1.928058G | A | 0.1809 | 4002 |
| 1 chrA1.928420A | G | 0.2253 | 3990 |
| 1 chrA1.928567A | C | 0.2664 | 3792 |
| 1 chrA1.929584A | G | 0.1638 | 3998 |
| 1 chrA1.929822G | A | 0.3671 | 3934 |
| 1 chrA1.930498A | G | 0.2399 | 4006 |
| 1 chrA1.930745A | G | 0.002244 | 4010 |
| 1 chrA1.931482A | G | 0.1805 | 4006 |
| 1 chrA1.932026A | G | 0.4389 | 3996 |
| 1 chrA1.932394A | G | 0.04548 | 4002 |
| 1 chrA1.932492A | C | 0.2624 | 3998 |
| 1 chrA1.932648A | G | 0.08747 | 3944 |
| 1 chrA1.932894G | A | 0.1862 | 3990 |
| 1 chrA1.933202A | G | 0.2711 | 3950 |
| 1 chrA1.934141A | C | 0.09016 | 4004 |
| 1 chrA1.934407A | C | 0.3888 | 3940 |
| 1 chrA1.934912G | A | 0.2991 | 3998 |
| 1 chrA1.935337C | A | 0.08234 | 4008 |
| 1 chrA1.935984G | A | 0.2367 | 3996 |
| 1 chrA1.936287A | C | 0.1915 | 4006 |
| 1 chrA1.936551A | G | 0.02322 | 4006 |
| 1 chrA1.937002C | A | 0.4957 | 3994 |
| 1 chrA1.937405A | G | 0.04868 | 4006 |
| 1 chrA1.938459G | A | 0.3259 | 4004 |
| 1 chrA1.939079G | A | 0.4345 | 3998 |
| 1 chrA1.939846A | G | 0.3463 | 3994 |
| 1 chrA1.940732A | G | 0.3221 | 4002 |
| 1 chrA1.941160C | A | 0.1589 | 3990 |
| 1 chrA1.942127G | A | 0.3933 | 3992 |

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| 1 chrA1.942379A | G | 0.2901 | 3998 |
| 1 chrA1.942929A | G | 0.3028 | 4006 |
| 1 chrA1.943479C | A | 0.09738 | 3964 |
| 1 chrA1.944159G | A | 0.3926 | 3892 |
| 1 chrA1.944499A | G | 0.264 | 4004 |
| 1 chrA1.944629G | A | 0.3921 | 3994 |
| 1 chrA1.944909G | A | 0.4667 | 4000 |
| 1 chrA1.945149A | G | 0.1282 | 4008 |
| 1 chrA1.945469A | G | 0.11 | 4000 |
| 1 chrA1.945819A | G | 0.1182 | 4002 |
| 1 chrA1.946069A | G | 0.2591 | 4002 |
| 1 chrA1.946561A | G | 0.04119 | 4006 |
| 1 chrA1.946619A | G | 0.4131 | 4006 |
| 1 chrA1.946899A | G | 0.4315 | 3998 |
| 1 chrA1.947409G | A | 0.4193 | 3992 |
| 1 chrA1.947899A | G | 0.2097 | 4000 |
| 1 chrA1.948611G | A | 0.4149 | 3866 |
| 1 chrA1.948989G | A | 0.174 | 3988 |
| 1 chrA1.949489G | A | 0.0147 | 3946 |
| 1 chrA1.950469G | A | 0.3443 | 3996 |
| 1 chrA1.951109A | G | 0.3077 | 3998 |
| 1 chrA1.951629G | A | 0.4742 | 4000 |
| 1 chrA1.952351G | A | 0.007018 | 3990 |
| 1 chrA1.952669G | A | 0.4927 | 3968 |
| 1 chrA1.953109A | G | 0.2425 | 3926 |
| 1 chrA1.953779G | A | 0.1731 | 3958 |
| 1 chrA1.954369A | G | 0.1337 | 3928 |
| 1 chrA1.955229G | A | 0.1313 | 3998 |
| 1 chrA1.955471G | A | 0.09995 | 3982 |
| 1 chrA1.955749A | G | 0.05228 | 3998 |
| 1 chrA1.970369A | G | 0.08554 | 4010 |
| 1 chrA1.969661A | G | 0.1032 | 4002 |
| 1 chrA1.969049G | A | 0.4652 | 3990 |
| 1 chrA1.968779G | A | 0.2624 | 3898 |
| 1 chrA1.968269A | G | 0.096 | 4000 |
| 1 chrA1.967729G | A | 0.09545 | 4002 |
| 1 chrA1.958381A | G | 0.3323 | 3972 |
| 1 chrA1.959319G | A | 0.264 | 3996 |
| 1 chrA1.959629A | G | 0.1228 | 4000 |
| 1 chrA1.959959G | A | 0.2434 | 3998 |
| 1 chrA1.960949A | G | 0.4965 | 4006 |

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| 1 chrA1.961181A | G | 0.1759 | 3986 |
| 1 chrA1.961445G | A | 0.1038 | 3958 |
| 1 chrA1.962091A | G | 0.1275 | 4008 |
| 1 chrA1.962518A | G | 0.4762 | 3996 |
| 1 chrA1.962586A | G | 0.4499 | 3992 |
| 1 chrA1.963095A | G | 0.1304 | 3996 |
| 1 chrA1.963348A | G | 0.4725 | 4002 |
| 1 chrA1.963709A | G | 0.07389 | 4006 |
| 1 chrA1.964267A | G | 0.07634 | 3982 |
| 1 chrA1.964540G | A | 0.08992 | 3970 |
| 1 chrA1.964974A | G | 0.131 | 3954 |
| 1 chrA1.965396A | G | 0.3784 | 3990 |
| 1 chrA1.965905A | G | 0.2876 | 4002 |
| 1 chrA1.966501C | A | 0.4002 | 3828 |
| 1 chrA1.966977G | A | 0.3287 | 3994 |
| 1 chrA1.967315A | G | 0.09726 | 4010 |
| 1 chrA1.969223A | C | 0.1063 | 3998 |
| 1 chrA1.969327G | A | 0.01871 | 4008 |
| 1 chrA1.970001A | G | 0.1402 | 3986 |
| 1 chrA1.970710C | A | 0.08475 | 3988 |
| 1 chrA1.971198A | G | 0.09834 | 3854 |
| 1 chrA1.971595G | A | 0.3317 | 3964 |
| 1 chrA1.971878G | A | 0.326 | 3988 |
| 1 chrA1.972704A | G | 0.08622 | 3990 |
| 1 chrA1.973021A | G | 0.4036 | 3994 |
| 1 chrA1.973475A | G | 0.3983 | 3894 |
| 1 chrA1.973851A | G | 0.2289 | 3988 |
| 1 chrA1.974351A | G | 0.3442 | 3992 |
| 1 chrA1.974716G | A | 0.4897 | 3990 |
| 1 chrA1.975745G | A | 0.01847 | 4006 |
| 1 chrA1.976028A | G | 0.3008 | 3860 |
| 1 chrA1.976625G | A | 0.00529 | 3970 |
| 1 chrA1.976999A | G | 0.1504 | 3982 |
| 1 chrA1.977400A | G | 0.3224 | 3986 |
| 1 chrA1.978044A | G | 0.34 | 3994 |
| 1 chrA1.978381A | C | 0.1414 | 3988 |
| 1 chrA1.978420A | G | 0.2104 | 3992 |
| 1 chrA1.979165G | A | 0.2694 | 3976 |
| 1 chrA1.979366G | A | 0.4253 | 3990 |
| 1 chrA1.979576A | C | 0.3689 | 3944 |
| 1 chrA1.980539G | A | 0.1813 | 3988 |

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| 1 chrA1.980879G | A | 0.1728 | 4004 |
| 1 chrA1.981489G | A | 0.3361 | 3996 |
| 1 chrA1.982009G | A | 0.4248 | 3976 |
| 1 chrA1.982481A | G | 0.1809 | 3992 |
| 1 chrA1.983317A | G | 0.1807 | 3980 |
| 1 chrA1.983729G | A | 0.06568 | 3974 |
| 1 chrA1.984474G | A | 0.2046 | 3998 |
| 1 chrA1.984776A | G | 0.3594 | 3998 |
| 1 chrA1.985076A | G | 0.04968 | 4006 |
| 1 chrA1.985552A | G | 0.2543 | 3874 |
| 1 chrA1.985846A | G | 0.05439 | 4008 |
| 1 chrA1.986106A | C | 0.2855 | 4000 |
| 1 chrA1.986354C | A | 0.3262 | 3994 |
| 1 chrA1.986846G | A | 0.05395 | 4004 |
| 1 chrA1.987096A | G | 0.1431 | 3996 |
| 1 chrA1.987432G | A | 0.4757 | 3998 |
| 1 chrA1.987896A | G | 0.19 | 3990 |
| 1 chrUn14.1199G | A | 0.1513 | 3734 |
| 1 chrUn.250113A | G | 0.3436 | 3708 |
| 1 chrUn.747933G | A | 0.021 | 4000 |
| 1 chrB3.125255A | C | 0.1788 | 3994 |
| 1 chrUn14.1229G | A | 0.3297 | 3994 |
| 1 chrB4.102813G | A | 0.1471 | 3978 |
| 1 chrUn14.1364A | C | 0.1357 | 3920 |
| 1 chrUn14.1283G | A | 0.1919 | 3982 |
| 1 chrUn14.1608A | C | 0.1331 | 4004 |
| 1 chrUn14.1416A | G | 0.1784 | 3992 |
| 1 chrUn14.1473C | A | 0.3573 | 3848 |
| 1 chrUn14.1543A | G | 0.1315 | 3710 |
| 1 chrUn14.1656G | A | 0.2091 | 3936 |
| 1 chrUn14.1683A | G | 0.03167 | 3758 |
| 1 chrA2.208587G | A | 0.05342 | 4006 |
| 1 chrUn.213716A | C | 0.02172 | 4006 |
| 1 chrA2.208618A | G | 0.1481 | 3936 |
| 1 chrA2.208652A | C | 0.2937 | 3980 |
| 1 chrB2.156798A | G | 0.3874 | 4006 |
| 1 chrA2.208747A | C | 0.1375 | 3804 |
| 1 chrUn.447533A | C | 0.01598 | 4006 |
| 1 chrA2.208776G | A | 0.3867 | 4006 |
| 1 chrA2.208829C | A | 0.1246 | 3998 |
| 1 chrA2.208832A | G | 0.1256 | 3988 |

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|----------------|---|-----|----------|------|
| 1 chrA2.208884 | A | G | 0.288 | 3976 |
| 1 chrA2.208931 | A | G | 0.1244 | 4002 |
| 1 chrB1.223745 | A | G | 0.07111 | 4008 |
| 1 chrB1.223442 | A | G | 0.4686 | 3912 |
| 1 chrB1.223239 | G | A | 0.1441 | 3948 |
| 1 chrUn14.1061 | A | C | 0.1027 | 3874 |
| 1 chrUn.92602 | C | 0 G | 0 | 3994 |
| 1 chrUn14.922 | A | C | 0.4267 | 3998 |
| 1 chrUn14.822 | G | A | 0.3136 | 3744 |
| 1 chrUn14.693 | A | G | 0.1849 | 3964 |
| 1 chrUn14.621 | G | A | 0.164 | 3982 |
| 1 chrUn.40721 | A | G | 0.1486 | 3996 |
| 1 chrUn.14671 | A | G | 0.005492 | 4006 |
| 1 chrUn14.661 | G | A | 0.1302 | 3848 |
| 1 chrUn14.657 | A | G | 0.1287 | 3876 |
| 1 chrUn14.592 | A | G | 0.1504 | 4008 |
| 1 chrUn14.529 | A | G | 0.1645 | 4000 |
| 1 chrUn14.502 | A | C | 0.1634 | 3984 |
| 1 chrUn14.475 | A | G | 0.166 | 4006 |
| 1 chrUn14.101 | A | G | 0.1636 | 3968 |
| 1 chrUn14.519 | G | A | 0.1435 | 4000 |
| 1 chrUn14.432 | A | G | 0.2365 | 4000 |
| 1 chrUn14.401 | G | A | 0.3949 | 3940 |
| 1 chrUn14.898 | A | G | 0.005407 | 3884 |
| 1 chrUn14.981 | A | G | 0.2513 | 3952 |
| 1 chrX.317416 | C | A | 0.2326 | 4002 |
| 1 chrX.316624 | A | G | 0.004496 | 4004 |
| 1 chrX.316167 | C | A | 0.3979 | 3868 |
| 1 chrX.315811 | G | A | 0.2069 | 4002 |
| 1 chrUn.12653 | A | G | 0.1466 | 3998 |
| 1 chrUn.17867 | A | C | 0.4396 | 3974 |
| 1 chrUn.24417 | A | G | 0.1457 | 3988 |
| 1 chrUn8.7407 | A | G | 0.3859 | 3988 |
| 1 chrUn8.6813 | G | A | 0.1479 | 4004 |
| 1 chrUn7.2128 | A | G | 0.1088 | 4006 |
| 1 chrUn8.6550 | G | A | 0.3519 | 4004 |
| 1 chrUn8.6282 | G | A | 0.1457 | 3994 |
| 1 chrUn8.7085 | C | A | 0.003261 | 3986 |
| 1 chrUn.13054 | A | G | 0.1894 | 3996 |
| 1 chrUn.12777 | G | A | 0.3731 | 4004 |
| 1 chrUn14.229 | A | G | 0.1242 | 3960 |

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|-----------------|-----|----------|------|
| 1 chrUn14.2671A | G | 0.3459 | 3972 |
| 1 chrUn14.3711A | G | 0.1683 | 4000 |
| 1 chrUn8.4533C | 0 A | 0 | 4008 |
| 1 chrUn.151501G | A | 0.1466 | 3922 |
| 1 chrUn8.42071A | G | 0.07168 | 4004 |
| 1 chrUn8.38371A | G | 0.07121 | 3988 |
| 1 chrX.297788C | A | 0.1774 | 3992 |
| 1 chrUn8.33001A | G | 0.1995 | 4006 |
| 1 chrUn8.30411G | A | 0.3823 | 3976 |
| 1 chrUn8.25011A | G | 0.1078 | 3794 |
| 1 chrUn8.19861A | G | 0.4083 | 3992 |
| 1 chrUn8.12051A | C | 0.06179 | 3884 |
| 1 chrUn8.76481A | G | 0.389 | 3884 |
| 1 chrX.603530C | G | 0.01704 | 3874 |
| 1 chrUn.282031T | A | 0.00925 | 3892 |
| 1 chrA1.111381G | A | 0.1514 | 3686 |
| 1 chrA1.111411A | G | 0.004493 | 4006 |
| 1 chrA1.111461G | A | 0.4118 | 4002 |
| 1 chrUn.248841A | C | 0.05639 | 4008 |
| 1 chrUn.248841G | A | 0.02641 | 3976 |
| 1 chrA1.111511A | G | 0.4697 | 3996 |
| 1 chrA1.111561A | G | 0.1178 | 3844 |
| 1 chrA1.111591G | A | 0.4794 | 3982 |
| 1 chrA1.111641A | G | 0.3827 | 4006 |
| 1 chrA1.111681A | G | 0.01557 | 3918 |
| 1 chrA1.111701A | G | 0.3116 | 3986 |
| 1 chrA1.111771A | G | 0.1326 | 3696 |
| 1 chrA1.111801A | G | 0.1296 | 3890 |
| 1 chrA1.111821A | C | 0.05597 | 4002 |
| 1 chrA1.111891A | G | 0.3159 | 3982 |
| 1 chrA1.111911A | 0 G | 0 | 3836 |
| 1 chrA1.111921A | G | 0.1719 | 3962 |
| 1 chrA1.111971G | A | 0.06219 | 4004 |
| 1 chrA1.112001G | A | 0.4502 | 3994 |
| 1 chrUn14.9571A | C | 0.3955 | 4000 |
| 1 chrUn14.1881A | C | 0.205 | 3996 |
| 1 chrB1.223571A | G | 0.2065 | 4004 |
| 1 chrUn14.3081A | G | 0.1552 | 3996 |
| 1 chrD4.166171A | 0 G | 0 | 3988 |
| 1 chrUn.510051G | A | 0.04014 | 3986 |
| 1 chrD4.169441A | G | 0.2148 | 3986 |

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| 1 chrD4.17189(G | A | 0.07096 | 4002 |
| 1 chrD4.17306(A | G | 0.3211 | 3830 |
| 1 chrUn11.739(G | A | 0.1475 | 4006 |
| 1 chrUn11.141(A | G | 0.06494 | 3988 |
| 1 chrB1.80996(A | G | 0.04137 | 3964 |
| 1 chrUn11.206(A | G | 0.4747 | 3998 |
| 1 chrUn11.259(A | G | 0.101 | 3992 |
| 1 chrUn11.306(A | C | 0.008479 | 4010 |
| 1 chrUn11.327(A | G | 0.4653 | 3982 |
| 1 chrUn11.400(G | A | 0.4635 | 4004 |
| 1 chrUn11.468(G | A | 0.3876 | 3996 |
| 1 chrUn11.510(A | G | 0.1401 | 4004 |
| 1 chrUn11.543(A | G | 0.1535 | 3962 |
| 1 chrX.177092(G | A | 0.4516 | 3804 |
| 1 chrUn11.646(A | G | 0.2854 | 3980 |
| 1 chrUn.38573(A | G | 0.2169 | 3956 |
| 1 chrUn.45348(A | G | 0.4755 | 4004 |
| 1 chrA1.12592(A | C | 0.1638 | 4006 |
| 1 chrA1.12589(G | A | 0.2591 | 3998 |
| 1 chrA1.12584(A | G | 0.05969 | 4004 |
| 1 chrA1.12579(A | C | 0.04516 | 3986 |
| 1 chrA1.12576(G | A | 0.1397 | 3994 |
| 1 chrA1.12573(G | A | 0.04869 | 3984 |
| 1 chrA1.12556(G | A | 0.04248 | 4002 |
| 1 chrD3.10653(A | G | 0.04396 | 4004 |
| 1 chrA1.12532(C | A | 0.1529 | 3996 |
| 1 chrA1.12521(G | A | 0.2667 | 3840 |
| 1 chrA1.12517(A | G | 0.2606 | 3948 |
| 1 chrA1.12503(C | A | 0.4752 | 3996 |
| 1 chrA1.12480(A | C | 0.383 | 3984 |
| 1 chrA1.12424(C | A | 0.1218 | 3728 |
| 1 chrA1.12386(A | G | 0.1884 | 3966 |
| 1 chrA1.12364(A | C | 0.0921 | 3974 |
| 1 chrA1.12361(G | A | 0.4839 | 3974 |
| 1 chrA1.12357(A | G | 0.1023 | 4006 |
| 1 chrA1.12340(G | A | 0.4212 | 3998 |
| 1 chrA1.12329(G | A | 0.2844 | 4002 |
| 1 chrA1.12325(A | G | 0.1746 | 3992 |
| 1 chrA1.12312(A | G | 0.1171 | 3978 |
| 1 chrA1.12305(A | G | 0.4828 | 4000 |
| 1 chrA1.12293(A | G | 0.2847 | 3766 |

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| 1 chrA1.122848A | G | 0.01768 | 3790 |
| 1 chrA1.122219A | G | 0.2601 | 4002 |
| 1 chrC2.260651C | A | 0.4829 | 3984 |
| 1 chrUn.742541A | G | 0.001501 | 3998 |
| 1 chrA1.122440A | C | 0.1265 | 3826 |
| 1 chrA1.122548G | A | 0.4422 | 3996 |
| 1 chrA1.122338A | G | 0.4663 | 4002 |
| 1 chrUn.574881A | G | 0.3819 | 3980 |
| 1 chrA1.122648A | G | 0.05661 | 4010 |
| 1 chrA1.122684G | A | 0.349 | 3900 |
| 1 chrA1.122160A | G | 0.1536 | 4004 |
| 1 chrA1.122097A | G | 0.3047 | 4004 |
| 1 chrA1.122028A | G | 0.1118 | 4008 |
| 1 chrA1.121766A | G | 0.1786 | 3992 |
| 1 chrA1.121527A | G | 0.2802 | 4008 |
| 1 chrA1.121478A | G | 0.2505 | 3976 |
| 1 chrA1.121450G | A | 0.2814 | 3984 |
| 1 chrA1.121368A | G | 0.4002 | 3988 |
| 1 chrA1.120988A | G | 0.115 | 4000 |
| 1 chrA1.120809C | A | 0.07089 | 4006 |
| 1 chrA1.120795 | 0 A | 0 | 4008 |
| 1 chrA1.120652G | A | 0.4652 | 3904 |
| 1 chrA1.120554A | G | 0.07304 | 3998 |
| 1 chrA1.120415G | A | 0.4565 | 4004 |
| 1 chrA1.120387A | C | 0.2592 | 4004 |
| 1 chrA1.120292A | C | 0.005514 | 3990 |
| 1 chrA1.120257A | G | 0.00402 | 3980 |
| 1 chrA1.120228A | G | 0.09768 | 3962 |
| 1 chrA1.120148A | G | 0.482 | 4000 |
| 1 chrA1.120107A | G | 0.05763 | 4008 |
| 1 chrA1.120008G | A | 0.2123 | 3980 |
| 1 chrA1.119958A | C | 0.09282 | 3986 |
| 1 chrA1.119931G | A | 0.4845 | 3994 |
| 1 chrA1.119905A | G | 0.1103 | 3926 |
| 1 chrA1.119829C | A | 0.3553 | 3926 |
| 1 chrA1.119785A | G | 0.3648 | 3986 |
| 1 chrA1.119702A | G | 0.01924 | 4002 |
| 1 chrA1.119665A | C | 0.03543 | 4008 |
| 1 chrA1.119639A | G | 0.1259 | 3978 |
| 1 chrA1.119612A | C | 0.1037 | 3952 |
| 1 chrA1.119580A | G | 0.2811 | 4002 |

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| 1 chrA1.119547A | G | 0.318 | 3994 |
| 1 chrA1.119547A | G | 0.0002494 | 4010 |
| 1 chrA1.119515G | A | 0.1261 | 4004 |
| 1 chrA1.119468C | A | 0.04992 | 3826 |
| 1 chrA1.119427G | A | 0.03332 | 3992 |
| 1 chrA1.119386G | A | 0.2506 | 3990 |
| 1 chrA1.119338A | G | 0.1418 | 3998 |
| 1 chrA1.119275G | A | 0.09191 | 4004 |
| 1 chrA1.119230G | A | 0.1387 | 3908 |
| 1 chrA1.119197A | G | 0.2987 | 3994 |
| 1 chrA1.119159G | A | 0.2518 | 3996 |
| 1 chrA1.119098A | G | 0.2164 | 3918 |
| 1 chrA1.119087A | G | 0.3221 | 3996 |
| 1 chrA1.119049G | A | 0.4387 | 4000 |
| 1 chrA1.119016G | A | 0.2397 | 3934 |
| 1 chrA1.118967G | A | 0.353 | 4000 |
| 1 chrA1.118929A | G | 0.02819 | 4008 |
| 1 chrA1.118880A | G | 0.02695 | 4008 |
| 1 chrA1.118831A | G | 0.0982 | 4002 |
| 1 chrA1.118784C | A | 0.4112 | 3962 |
| 1 chrA1.118725C | A | 0.03631 | 3856 |
| 1 chrA1.631067A | G | 0.1061 | 4004 |
| 1 chrA1.118637G | A | 0.1573 | 4006 |
| 1 chrA1.118587A | G | 0.2664 | 3938 |
| 1 chrUn.394148A | G | 0.1968 | 3968 |
| 1 chrA1.118521A | G | 0.09345 | 3906 |
| 1 chrA1.118490G | A | 0.3837 | 3982 |
| 1 chrA1.118464G | A | 0.243 | 3988 |
| 1 chrA1.118439G | A | 0.2094 | 3982 |
| 1 chrA1.118370G | A | 0.2521 | 4002 |
| 1 chrA1.118231A | G | 0.0502 | 3984 |
| 1 chrA1.118140A | G | 0.322 | 4000 |
| 1 chrA1.118056A | G | 0.3018 | 3990 |
| 1 chrA1.118020G | A | 0.2924 | 3964 |
| 1 chrA1.117989A | G | 0.1821 | 3976 |
| 1 chrA1.117886C | A | 0.02599 | 4002 |
| 1 chrA1.117859C | A | 0.06739 | 3680 |
| 1 chrA1.117830G | A | 0.3028 | 3990 |
| 1 chrA1.117804G | A | 0.1583 | 3980 |
| 1 chrA1.117770G | A | 0.365 | 3994 |
| 1 chrA1.117717G | A | 0.1125 | 3992 |

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| 1 chrA1.117662A | G | 0.4942 | 3992 |
| 1 chrA1.117638G | A | 0.1222 | 3970 |
| 1 chrA1.117591A | G | 0.0472 | 4004 |
| 1 chrA1.117561A | G | 0.1081 | 3998 |
| 1 chrA1.117523G | A | 0.08237 | 3970 |
| 1 chrA1.117407A | G | 0.04571 | 3982 |
| 1 chrA1.117368G | A | 0.4131 | 3994 |
| 1 chrA1.117271A | G | 0.2178 | 4008 |
| 1 chrA1.117233G | A | 0.2729 | 3998 |
| 1 chrA1.117207A | G | 0.2984 | 4002 |
| 1 chrA1.117177A | G | 0.2356 | 4002 |
| 1 chrA1.117153G | A | 0.3161 | 4002 |
| 1 chrA1.117123G | A | 0.1164 | 3994 |
| 1 chrA1.117099G | A | 0.0969 | 4004 |
| 1 chrA1.117053A | G | 0.3446 | 3964 |
| 1 chrA1.117042A | G | 0.04518 | 4006 |
| 1 chrA1.117020C | A | 0.3941 | 3996 |
| 1 chrA1.116983A | G | 0.2323 | 3994 |
| 1 chrA1.116953A | G | 0.1445 | 4008 |
| 1 chrA1.116840A | G | 0.01248 | 4006 |
| 1 chrA1.116796A | G | 0.06961 | 4008 |
| 1 chrA1.116770A | C | 0.05975 | 4000 |
| 1 chrA1.116721G | A | 0.3609 | 4004 |
| 1 chrA1.116669C | A | 0.4752 | 3996 |
| 1 chrA1.116604C | A | 0.03097 | 4004 |
| 1 chrA1.116554A | G | 0.02693 | 4010 |
| 1 chrA1.116494G | A | 0.3044 | 3968 |
| 1 chrA1.116428A | G | 0.1209 | 3996 |
| 1 chrA1.116377 | 0 C | 0 | 4008 |
| 1 chrA1.116370A | G | 0.02609 | 3948 |
| 1 chrA1.116355A | G | 0.4667 | 4000 |
| 1 chrA1.116278A | G | 0.09381 | 4008 |
| 1 chrA1.116220G | A | 0.1321 | 3998 |
| 1 chrA1.116182A | G | 0.2398 | 4008 |
| 1 chrA1.116100A | G | 0.235 | 4008 |
| 1 chrA1.116054A | G | 0.42 | 3998 |
| 1 chrUn11.6928G | A | 0.1243 | 4008 |
| 1 chrUn11.7804G | A | 0.2141 | 3886 |
| 1 chrUn11.8160A | G | 0.2982 | 3974 |
| 1 chrUn11.8477G | A | 0.1165 | 4008 |
| 1 chrUn11.8917A | G | 0.006244 | 4004 |

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| 1 chrUn11.915:A | G | 0.241 | 3988 |
| 1 chrUn11.948:G | A | 0.2772 | 4000 |
| 1 chrUn11.100:A | A | 0.3935 | 4000 |
| 1 chrUn11.105:A | C | 0.2719 | 4002 |
| 1 chrUn11.117:A | G | 0.2242 | 3952 |
| 1 chrUn11.121:C | A | 0.1989 | 3972 |
| 1 chrA1.47200:A | G | 0.1874 | 3992 |
| 1 chrUn11.128:A | C | 0.2507 | 4008 |
| 1 chrUn11.133:A | G | 0.07519 | 3990 |
| 1 chrUn11.138:A | C | 0.3575 | 3994 |
| 1 chrUn11.144:G | A | 0.0877 | 3968 |
| 1 chrUn11.150:C | A | 0.2998 | 3922 |
| 1 chrUn11.162:A | G | 0.3777 | 4000 |
| 1 chrUn11.166:C | A | 0.3125 | 3990 |
| 1 chrUn11.170:A | G | 0.267 | 3948 |
| 1 chrUn11.177:A | G | 0.3603 | 4000 |
| 1 chrUn11.182:A | G | 0.3834 | 4004 |
| 1 chrUn11.187:G | A | 0.2602 | 3982 |
| 1 chrUn11.190:C | A | 0.1993 | 4000 |
| 1 chrUn.46997:G | A | 0.1993 | 3998 |
| 1 chrUn11.195:A | C | 0.3831 | 3756 |
| 1 chrUn.15635:A | G | 0.4041 | 3964 |
| 1 chrUn11.201:A | G | 0.1566 | 3992 |
| 1 chrUn11.207:G | A | 0.4587 | 3876 |
| 1 chrUn11.210:G | A | 0.002756 | 3992 |
| 1 chrUn11.215:G | A | 0.3425 | 3802 |
| 1 chrUn11.219:A | G | 0.3902 | 4006 |
| 1 chrUn11.224:A | G | 0.4575 | 3998 |
| 1 chrUn11.228:A | G | 0.01302 | 3994 |
| 1 chrUn11.231:G | A | 0.4476 | 3972 |
| 1 chrUn11.236:C | A | 0.3115 | 3974 |
| 1 chrUn11.349:G | A | 0.07193 | 4004 |
| 1 chrUn11.350:A | G | 0.2443 | 4004 |
| 1 chrUn11.344:G | A | 0.2178 | 3994 |
| 1 chrUn11.340:A | G | 0.3987 | 3998 |
| 1 chrUn11.595:A | G | 0.382 | 3958 |
| 1 chrUn11.332:A | G | 0.06165 | 3974 |
| 1 chrUn11.328:A | G | 0.1934 | 4002 |
| 1 chrUn11.325:A | G | 0.3978 | 3876 |
| 1 chrUn11.322:A | G | 0.2976 | 3958 |
| 1 chrUn11.317:A | C | 0.1619 | 3984 |

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|---------------|---|---|----------|------|
| 1 chrUn11.313 | G | A | 0.09052 | 4010 |
| 1 chrUn11.311 | A | G | 0.1337 | 3978 |
| 1 chrUn11.310 | A | G | 0.4217 | 4000 |
| 1 chrUn11.304 | G | A | 0.321 | 3882 |
| 1 chrUn11.297 | A | G | 0.4607 | 3998 |
| 1 chrUn11.293 | A | G | 0.4008 | 3982 |
| 1 chrUn11.286 | A | G | 0.05885 | 4010 |
| 1 chrUn11.281 | A | G | 0.1355 | 3992 |
| 1 chrUn11.277 | G | A | 0.05759 | 3820 |
| 1 chrUn11.274 | A | G | 0.392 | 3944 |
| 1 chrUn11.272 | A | G | 0.1188 | 3896 |
| 1 chrUn11.268 | A | C | 0.3462 | 3998 |
| 1 chrUn11.266 | G | A | 0.2355 | 4000 |
| 1 chrUn11.262 | C | A | 0.2166 | 3962 |
| 1 chrUn11.256 | G | A | 0.1618 | 3868 |
| 1 chrUn.76633 | G | A | 0.3645 | 3984 |
| 1 chrUn11.247 | G | A | 0.1309 | 4004 |
| 1 chrD4.60259 | A | G | 0.2844 | 3984 |
| 1 chrUn11.244 | A | G | 0.2561 | 3858 |
| 1 chrD4.59997 | A | G | 0.3038 | 4006 |
| 1 chrD4.59970 | G | A | 0.264 | 3974 |
| 1 chrB3.50110 | A | G | 0.3311 | 3960 |
| 1 chrD4.59774 | A | C | 0.08968 | 3992 |
| 1 chrUn11.361 | A | G | 0.2126 | 4002 |
| 1 chrUn11.367 | A | G | 0.04073 | 4002 |
| 1 chrC1.40594 | G | A | 0.2519 | 4006 |
| 1 chrUn11.370 | G | A | 0.3338 | 3988 |
| 1 chrUn11.373 | C | A | 0.4078 | 3960 |
| 1 chrUn11.387 | G | A | 0.4963 | 4004 |
| 1 chrUn11.400 | G | A | 0.353 | 3992 |
| 1 chrUn11.405 | G | A | 0.4408 | 3984 |
| 1 chrUn11.408 | A | G | 0.3695 | 4000 |
| 1 chrUn11.410 | A | G | 0.4897 | 3980 |
| 1 chrUn11.416 | G | A | 0.1219 | 3972 |
| 1 chrUn11.420 | A | C | 0.3982 | 4000 |
| 1 chrUn.32132 | A | G | 0.4576 | 3982 |
| 1 chrUn11.423 | G | A | 0.3843 | 3942 |
| 1 chrUn11.429 | G | A | 0.007375 | 3932 |
| 1 chrA1.13208 | A | G | 0.4679 | 3890 |
| 1 chrA1.13213 | G | A | 0.263 | 3970 |
| 1 chrA1.13213 | A | G | 0.006602 | 3938 |

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| 1 chrA1.132194A | G | 0.4005 | 3998 |
| 1 chrA1.132225G | A | 0.2348 | 4008 |
| 1 chrA1.132268A | G | 0.2791 | 3980 |
| 1 chrA1.132314A | C | 0.1146 | 4004 |
| 1 chrA1.132342 | 0 A | 0 | 4002 |
| 1 chrA1.132368G | A | 0.1229 | 3956 |
| 1 chrA1.132477A | C | 0.2666 | 3998 |
| 1 chrA1.132515A | G | 0.3231 | 3990 |
| 1 chrA1.132555G | A | 0.2289 | 4006 |
| 1 chrA1.132599G | A | 0.2043 | 4000 |
| 1 chrA1.132635G | A | 0.1404 | 4010 |
| 1 chrA1.132676G | A | 0.02869 | 4008 |
| 1 chrA1.132754A | G | 0.1154 | 3994 |
| 1 chrA1.132778A | G | 0.1772 | 3984 |
| 1 chrA1.132830G | A | 0.2837 | 3994 |
| 1 chrA1.132861G | A | 0.2488 | 4004 |
| 1 chrA1.132929G | A | 0.07085 | 3980 |
| 1 chrUn.510750C | A | 0.4606 | 4006 |
| 1 chrA1.133034A | C | 0.417 | 3978 |
| 1 chrA1.133086G | A | 0.1859 | 3976 |
| 1 chrA1.133142A | G | 0.408 | 3988 |
| 1 chrA1.133226A | G | 0.2269 | 4010 |
| 1 chrA1.133315G | A | 0.1924 | 3996 |
| 1 chrA1.133381G | A | 0.02061 | 3978 |
| 1 chrA1.133419A | G | 0.4027 | 3978 |
| 1 chrA1.133446A | C | 0.01453 | 3992 |
| 1 chrA1.133537C | A | 0.2748 | 3988 |
| 1 chrA1.133649A | G | 0.08425 | 4000 |
| 1 chrA1.133695A | G | 0.2838 | 3968 |
| 1 chrA1.133729G | A | 0.06995 | 3974 |
| 1 chrA1.133761 | 0 A | 0 | 4010 |
| 1 chrA1.133768G | A | 0.4683 | 3974 |
| 1 chrA1.133868C | A | 0.2863 | 4006 |
| 1 chrA1.133957G | A | 0.177 | 3988 |
| 1 chrA1.133899A | G | 0.01223 | 4008 |
| 1 chrA1.133898G | A | 0.2146 | 3980 |
| 1 chrA1.134016A | C | 0.2271 | 3998 |
| 1 chrA1.134058A | C | 0.1181 | 3946 |
| 1 chrA1.134105A | G | 0.3756 | 4002 |
| 1 chrA1.134181A | G | 0.2975 | 4004 |
| 1 chrA1.134215G | A | 0.3379 | 3758 |

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| 1 chrA1.134251C | A | 0.2475 | 4000 |
| 1 chrA1.134295A | G | 0.1676 | 3992 |
| 1 chrA1.134375A | G | 0.09466 | 4004 |
| 1 chrA1.134418G | A | 0.2018 | 4004 |
| 1 chrA1.134458A | G | 0.3357 | 4000 |
| 1 chrUn.501955A | G | 0.1274 | 4010 |
| 1 chrA1.134605G | A | 0.2682 | 4004 |
| 1 chrA1.134654G | A | 0.3168 | 4002 |
| 1 chrA1.134678A | G | 0.1803 | 4000 |
| 1 chrA1.134678A | G | 0.3293 | 3996 |
| 1 chrA1.134731A | G | 0.2284 | 4002 |
| 1 chrA1.134757A | G | 0.4418 | 3938 |
| 1 chrA1.134834A | G | 0.3308 | 3990 |
| 1 chrA1.134848A | G | 0.1357 | 3978 |
| 1 chrA1.134902G | A | 0.2143 | 3990 |
| 1 chrA1.134927A | G | 0.003743 | 4008 |
| 1 chrA1.134965A | C | 0.1544 | 3938 |
| 1 chrA1.135015A | G | 0.08065 | 3980 |
| 1 chrA1.135148A | G | 0.1175 | 4008 |
| 1 chrUn.681086A | G | 0.08437 | 4006 |
| 1 chrA1.135175G | A | 0.01074 | 4004 |
| 1 chrA1.135204A | G | 0.3887 | 3988 |
| 1 chrA1.135237A | G | 0.2472 | 4000 |
| 1 chrA1.135320G | A | 0.3102 | 4004 |
| 1 chrA1.135354C | A | 0.3565 | 3992 |
| 1 chrA1.135385G | A | 0.0561 | 3904 |
| 1 chrA1.135435A | G | 0.07963 | 4006 |
| 1 chrA1.135527A | C | 0.2693 | 4006 |
| 1 chrA1.135568A | G | 0.1055 | 4010 |
| 1 chrA1.135594G | A | 0.07841 | 3992 |
| 1 chrA1.135652G | A | 0.3419 | 3986 |
| 1 chrA1.135694A | G | 0.1667 | 4002 |
| 1 chrD2.873384A | G | 0.3771 | 4004 |
| 1 chrA1.135766A | G | 0.09625 | 4000 |
| 1 chrA1.135782A | G | 0.1789 | 4002 |
| 1 chrA1.135806G | A | 0.2563 | 3996 |
| 1 chrA1.135835A | C | 0.3593 | 4002 |
| 1 chrA1.135868G | A | 0.1093 | 4006 |
| 1 chrA1.135896A | G | 0.09605 | 3946 |
| 1 chrA1.135938G | A | 0.07168 | 4004 |
| 1 chrA1.135986A | G | 0.1796 | 3998 |

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| 1 chrA1.136021G | A | 0.4111 | 3994 |
| 1 chrA1.136084A | G | 0.06897 | 4002 |
| 1 chrA1.136116G | A | 0.1281 | 4006 |
| 1 chrA1.136169G | A | 0.01672 | 4008 |
| 1 chrA1.136195 | 0 G | 0 | 4010 |
| 1 chrA1.136231G | A | 0.2336 | 3814 |
| 1 chrA1.136308G | A | 0.1254 | 4002 |
| 1 chrA1.136337A | G | 0.3421 | 4002 |
| 1 chrA1.136361G | A | 0.3441 | 3990 |
| 1 chrA1.136427A | G | 0.09421 | 3832 |
| 1 chrA1.136459G | A | 0.244 | 4004 |
| 1 chrA1.136459A | G | 0.03248 | 3818 |
| 1 chrA1.136527A | G | 0.09619 | 3992 |
| 1 chrA1.136554G | A | 0.06066 | 4006 |
| 1 chrA1.136597G | A | 0.2861 | 4002 |
| 1 chrA1.136624G | A | 0.4722 | 3992 |
| 1 chrA1.136652A | C | 0.2143 | 4000 |
| 1 chrA1.136721A | G | 0.3378 | 3996 |
| 1 chrA1.136756A | C | 0.02166 | 3924 |
| 1 chrA1.136784A | G | 0.1706 | 3992 |
| 1 chrA1.124991G | A | 0.06997 | 4002 |
| 1 chrUn.28462(A | G | 0.3645 | 4006 |
| 1 chrA1.125076A | G | 0.09965 | 4004 |
| 1 chrA1.125102A | G | 0.1182 | 3994 |
| 1 chrA1.125232 | 0 A | 0 | 4010 |
| 1 chrA1.125286G | A | 0.2328 | 4004 |
| 1 chrA1.125357G | A | 0.0002498 | 4004 |
| 1 chrA1.125409A | C | 0.4485 | 3980 |
| 1 chrA1.125431G | A | 0.4265 | 4002 |
| 1 chrA1.125522A | G | 0.3521 | 4004 |
| 1 chrA1.125609G | A | 0.1297 | 3986 |
| 1 chrA1.125638G | A | 0.09266 | 4004 |
| 1 chrA1.125679A | G | 0.0331 | 3988 |
| 1 chrA1.137149A | G | 0.2429 | 4002 |
| 1 chrA1.137179G | A | 0.1409 | 4002 |
| 1 chrA1.124941A | G | 0.05217 | 4006 |
| 1 chrA1.124896G | A | 0.03042 | 4010 |
| 1 chrA1.124872G | A | 0.1017 | 4010 |
| 1 chrA1.137247G | A | 0.271 | 3978 |
| 1 chrA1.137277A | G | 0.04558 | 3642 |
| 1 chrA1.124758G | A | 0.3584 | 3996 |

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| 1 chrA1.124727A | G | 0.04017 | 4008 |
| 1 chrA1.124695G | A | 0.2489 | 3978 |
| 1 chrA1.124658G | A | 0.1941 | 3972 |
| 1 chrA1.124580C | A | 0.1885 | 3974 |
| 1 chrA1.124545G | A | 0.161 | 4006 |
| 1 chrA1.137396G | A | 0.1049 | 4004 |
| 1 chrA1.137440A | G | 0.01406 | 3984 |
| 1 chrA1.124407A | G | 0.2181 | 3998 |
| 1 chrA1.124354A | G | 0.3006 | 4002 |
| 1 chrA1.124294A | G | 0.1614 | 3996 |
| 1 chrA1.124266A | G | 0.1029 | 3646 |
| 1 chrA1.124204G | A | 0.3949 | 3996 |
| 1 chrA1.124152A | C | 0.4364 | 3996 |
| 1 chrA1.124084G | A | 0.4225 | 4002 |
| 1 chrA1.124055A | G | 0.4995 | 3996 |
| 1 chrUn.714248C | A | 0.434 | 4002 |
| 1 chrA1.137641A | G | 0.04103 | 3656 |
| 1 chrA1.123996A | G | 0.1011 | 3926 |
| 1 chrA1.123945G | A | 0.2144 | 3904 |
| 1 chrA1.137732A | G | 0.3692 | 3992 |
| 1 chrA1.123812A | G | 0.3951 | 4002 |
| 1 chrA1.137774G | A | 0.1791 | 4004 |
| 1 chrA1.123745G | A | 0.2306 | 3886 |
| 1 chrA1.123675G | A | 0.394 | 4000 |
| 1 chrA1.137815A | C | 0.2965 | 3906 |
| 1 chrA1.123522G | A | 0.1365 | 4006 |
| 1 chrA1.123482A | G | 0.1294 | 3842 |
| 1 chrA1.137905A | G | 0.11 | 4010 |
| 1 chrA1.123355G | A | 0.04863 | 4010 |
| 1 chrA1.123330A | G | 0.1393 | 3970 |
| 1 chrA1.123085A | G | 0.4342 | 3998 |
| 1 chrA1.138057C | A | 0.4665 | 3886 |
| 1 chrA1.122995G | A | 0.3289 | 4004 |
| 1 chrA1.122975G | A | 0.108 | 3992 |
| 1 chrA1.122905A | G | 0.2027 | 4006 |
| 1 chrA1.122815G | A | 0.1876 | 3768 |
| 1 chrA1.138186G | A | 0.009143 | 3828 |
| 1 chrA1.122765A | G | 0.04977 | 3998 |
| 1 chrA1.122734G | A | 0.106 | 3942 |
| 1 chrA1.122715G | A | 0.447 | 4002 |
| 1 chrA1.138274A | G | 0.3659 | 4004 |

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| 1 chrUn.80036 | C | A | 0.07443 | 4004 |
| 1 chrA1.12261 | G | A | 0.3904 | 3996 |
| 1 chrA1.12257 | A | G | 0.4246 | 3968 |
| 1 chrA1.12250 | G | A | 0.4823 | 4010 |
| 1 chrA1.12246 | G | A | 0.03236 | 3832 |
| 1 chrA1.12246 | A | G | 0.01097 | 4010 |
| 1 chrA1.13838 | G | A | 0.2637 | 3940 |
| 1 chrA1.12227 | A | G | 0.1194 | 3962 |
| 1 chrA1.13847 | A | G | 0.1001 | 3976 |
| 1 chrA1.13853 | G | A | 0.2283 | 4004 |
| 1 chrA1.12206 | A | G | 0.1142 | 4010 |
| 1 chrA1.12194 | A | G | 0.3564 | 3998 |
| 1 chrA1.12191 | G | A | 0.1147 | 3986 |
| 1 chrA1.12186 | G | A | 0.2107 | 3996 |
| 1 chrA1.12185 | A | G | 0.01725 | 4000 |
| 1 chrA1.12181 | G | A | 0.33 | 4000 |
| 1 chrA1.12180 | G | A | 0.499 | 3960 |
| 1 chrA1.12171 | A | C | 0.1385 | 3934 |
| 1 chrA1.13874 | G | A | 0.4619 | 3992 |
| 1 chrA1.12162 | A | G | 0.2743 | 3996 |
| 1 chrA1.12155 | A | G | 0.4523 | 4004 |
| 1 chrA1.12139 | A | C | 0.07446 | 4002 |
| 1 chrA1.12128 | A | G | 0.009726 | 4010 |
| 1 chrA1.13895 | A | G | 0.2862 | 3746 |
| 1 chrA1.12120 | G | A | 0.491 | 4004 |
| 1 chrA1.12117 | G | A | 0.09491 | 4004 |
| 1 chrA1.13900 | G | A | 0.4802 | 3984 |
| 1 chrA1.12114 | A | G | 0.2231 | 3998 |
| 1 chrA1.12108 | A | G | 0.3328 | 4008 |
| 1 chrA1.12103 | A | G | 0.0517 | 4004 |
| 1 chrA1.12093 | A | G | 0.09282 | 3986 |
| 1 chrA1.12088 | G | A | 0.4046 | 3826 |
| 1 chrA1.13913 | G | A | 0.2966 | 4002 |
| 1 chrA1.13914 | A | G | 0.1367 | 4008 |
| 1 chrA1.12078 | A | G | 0.009995 | 4002 |
| 1 chrA1.12068 | G | A | 0.3626 | 3996 |
| 1 chrA1.13931 | A | G | 0.3055 | 3990 |
| 1 chrA1.12045 | A | G | 0.3073 | 3996 |
| 1 chrA1.13934 | C | A | 0.1922 | 3944 |
| 1 chrA1.12034 | A | G | 0.3049 | 3998 |
| 1 chrA1.13940 | G | A | 0.007089 | 3950 |

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| 1 chrA1.13942 | A | G | 0.4218 | 3962 |
| 1 chrA1.13947 | A | G | 0.1819 | 3992 |
| 1 chrA1.13951 | A | G | 0.04774 | 3854 |
| 1 chrA1.13958 | A | G | 0.4216 | 3918 |
| 1 chrA1.13963 | A | C | 0.2246 | 3994 |
| 1 chrA1.13965 | A | A | 0.4736 | 3936 |
| 1 chrA1.13972 | A | G | 0.199 | 4006 |
| 1 chrA1.13975 | A | C | 0.3133 | 4002 |
| 1 chrB1.37621 | A | C | 0.4819 | 3808 |
| 1 chrB1.37694 | A | A | 0.05192 | 4006 |
| 1 chrA1.13982 | A | G | 0.003994 | 4006 |
| 1 chrA1.13985 | A | C | 0.1867 | 3782 |
| 1 chrA1.13985 | A | G | 0.02009 | 3882 |
| 1 chrA1.13986 | A | A | 0 | 4010 |
| 1 chrA1.13989 | A | C | 0.3001 | 3992 |
| 1 chrB1.37914 | A | A | 0.2067 | 4006 |
| 1 chrA1.14000 | A | A | 0.1697 | 4006 |
| 1 chrB1.38188 | A | A | 0.1514 | 4002 |
| 1 chrB1.38206 | A | A | 0.1928 | 3994 |
| 1 chrB1.38238 | A | G | 0.1258 | 3998 |
| 1 chrA1.14013 | A | G | 0.06412 | 4008 |
| 1 chrUn.69328 | A | A | 0.2668 | 4006 |
| 1 chrA1.14017 | A | G | 0.2283 | 3942 |
| 1 chrA1.14021 | A | C | 0.0002499 | 4002 |
| 1 chrA1.14022 | A | A | 0.2956 | 3944 |
| 1 chrA1.14025 | A | A | 0.06618 | 4004 |
| 1 chrA1.14029 | A | A | 0.1806 | 3710 |
| 1 chrA1.14032 | A | G | 0.05844 | 4004 |
| 1 chrA1.14036 | A | G | 0.4493 | 4002 |
| 1 chrA1.14039 | A | A | 0.05831 | 3996 |
| 1 chrA1.14042 | A | A | 0.3654 | 3982 |
| 1 chrA1.14051 | A | G | 0.09086 | 4006 |
| 1 chrA1.14054 | A | C | 0.005517 | 3988 |
| 1 chrA1.14057 | A | A | 0.1542 | 3950 |
| 1 chrA1.14067 | A | G | 0.1442 | 3926 |
| 1 chrA1.14070 | A | G | 0.00201 | 3980 |
| 1 chrA1.14075 | A | G | 0.3318 | 3996 |
| 1 chrA1.14080 | A | G | 0.1793 | 3998 |
| 1 chrA1.14083 | A | A | 0.3684 | 3998 |
| 1 chrA1.14086 | A | A | 0.4097 | 3852 |
| 1 chrA1.14091 | A | G | 0.1683 | 3986 |

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| 1 chrA1.140994G | A | 0.3253 | 3996 |
| 1 chrA1.141043A | G | 0.0389 | 4010 |
| 1 chrA1.141074G | A | 0.1492 | 4000 |
| 1 chrA1.141155C | A | 0.4313 | 3976 |
| 1 chrA1.141195A | G | 0.1017 | 4002 |
| 1 chrA1.141247A | G | 0.2406 | 4002 |
| 1 chrA1.141287G | A | 0.1658 | 3992 |
| 1 chrA1.141364C | A | 0.4831 | 3904 |
| 1 chrA1.141396G | A | 0.4752 | 4000 |
| 1 chrA1.141446 | 0 A | 0 | 4006 |
| 1 chrA1.141467A | G | 0.2266 | 4002 |
| 1 chrA1.141525G | A | 0.309 | 4006 |
| 1 chrA1.141556A | C | 0.321 | 3916 |
| 1 chrA1.141587A | G | 0.468 | 4004 |
| 1 chrA1.141637C | A | 0.2273 | 3964 |
| 1 chrA1.141667A | G | 0.05505 | 3978 |
| 1 chrA1.141695A | G | 0.1442 | 3952 |
| 1 chrA1.141745A | G | 0.4828 | 4004 |
| 1 chrA1.141787A | C | 0.4211 | 3940 |
| 1 chrA1.141821G | A | 0.311 | 4000 |
| 1 chrA1.141835 | 0 C | 0 | 4008 |
| 1 chrA1.141865A | G | 0.1503 | 3980 |
| 1 chrA1.141905A | C | 0.3209 | 3836 |
| 1 chrA1.141945A | G | 0.05734 | 3994 |
| 1 chrA1.141975A | G | 0.1666 | 4004 |
| 1 chrA1.142046A | C | 0.0314 | 3662 |
| 1 chrA1.142098A | G | 0.06842 | 3990 |
| 1 chrA1.142127G | A | 0.04802 | 3998 |
| 1 chrA1.142155A | G | 0.02571 | 4006 |
| 1 chrA1.142185A | G | 0.4387 | 3980 |
| 1 chrA1.142307G | A | 0.4623 | 4004 |
| 1 chrA1.142236A | G | 0.03313 | 3894 |
| 1 chrA1.142357C | A | 0.04468 | 4006 |
| 1 chrA1.142436G | A | 0.05806 | 3996 |
| 1 chrA1.142455A | G | 0.03671 | 4004 |
| 1 chrA1.142508A | G | 0.04955 | 3996 |
| 1 chrA1.142598A | G | 0.3948 | 3946 |
| 1 chrA1.142655A | G | 0.01248 | 4008 |
| 1 chrA1.142734A | G | 0.4983 | 4004 |
| 1 chrA1.142756A | G | 0.1492 | 3982 |
| 1 chrA1.142915G | A | 0.3312 | 3994 |

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| 1 chrA1.142945A | G | 0.07717 | 4004 |
| 1 chrA1.143018A | C | 0.2588 | 3876 |
| 1 chrA1.143049A | C | 0.2242 | 3978 |
| 1 chrA1.143081G | A | 0.43 | 3998 |
| 1 chrA1.143157A | G | 0.4943 | 4002 |
| 1 chrA1.143220G | A | 0.1924 | 4002 |
| 1 chrA1.143272G | A | 0.4398 | 3938 |
| 1 chrA1.143305G | A | 0.1906 | 4004 |
| 1 chrA1.143352A | G | 0.0764 | 3992 |
| 1 chrA1.143397A | G | 0.2508 | 3984 |
| 1 chrA1.143445G | A | 0.1443 | 4006 |
| 1 chrA1.143492A | G | 0.2665 | 4000 |
| 1 chrA1.143525A | G | 0.1039 | 3986 |
| 1 chrA1.143527A | G | 0.1281 | 4004 |
| 1 chrA1.143561A | C | 0.3428 | 3988 |
| 1 chrB2.184695A | C | 0.05664 | 4008 |
| 1 chrB2.186525A | G | 0.03541 | 3812 |
| 1 chrB2.187606A | G | 0.06469 | 4004 |
| 1 chrB2.188491A | G | 0.3683 | 4002 |
| 1 chrB2.188594 | 0 A | 0 | 4000 |
| 1 chrB2.189315A | G | 0.1636 | 3998 |
| 1 chrB2.189702G | A | 0.3484 | 4010 |
| 1 chrB2.190809G | A | 0.0007485 | 4008 |
| 1 chrB2.191638A | G | 0.07296 | 3920 |
| 1 chrB2.192907G | A | 0.2351 | 3982 |
| 1 chrB2.193890G | A | 0.1823 | 3998 |
| 1 chrA1.144045A | C | 0.1579 | 3882 |
| 1 chrB2.196584A | G | 0.02941 | 3978 |
| 1 chrB2.196870 | 0 A | 0 | 4008 |
| 1 chrB2.197011G | A | 0.2992 | 3964 |
| 1 chrB2.197374A | G | 0.06843 | 4004 |
| 1 chrB2.198310A | G | 0.02224 | 3956 |
| 1 chrB2.199668A | G | 0.3521 | 4002 |
| 1 chrB2.201449C | A | 0.2786 | 3998 |
| 1 chrB2.202380A | G | 0.2813 | 3996 |
| 1 chrB2.203081A | G | 0.2426 | 3986 |
| 1 chrB2.204146G | A | 0.1071 | 4006 |
| 1 chrB2.204772G | A | 0.2486 | 4006 |
| 1 chrA1.144534G | A | 0.3053 | 3970 |
| 1 chrA1.144588A | G | 0.1466 | 3978 |
| 1 chrA1.144650C | A | 0.3998 | 3962 |

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| 1 chrA1.144725G | A | 0.3802 | 3990 |
| 1 chrA1.144808G | A | 0.03654 | 3996 |
| 1 chrA1.144808C | A | 0.178 | 3994 |
| 1 chrA1.144860C | A | 0.01843 | 3744 |
| 1 chrA1.144911G | A | 0.068 | 4000 |
| 1 chrA1.144950A | G | 0.2385 | 4000 |
| 1 chrA1.144977G | A | 0.01481 | 3780 |
| 1 chrA1.145004G | A | 0.3164 | 3982 |
| 1 chrA1.145036G | A | 0.3435 | 3986 |
| 1 chrA1.145061A | G | 0.01741 | 3964 |
| 1 chrA1.145179A | G | 0.001253 | 3992 |
| 1 chrA1.145213G | A | 0.2153 | 3952 |
| 1 chrA1.145256A | G | 0.1651 | 3912 |
| 1 chrA1.145282A | G | 0.08063 | 4006 |
| 1 chrA1.145314C | A | 0.1537 | 3968 |
| 1 chrA1.145369G | A | 0.2217 | 3956 |
| 1 chrA1.145373A | G | 0.2963 | 3986 |
| 1 chrA1.145399A | G | 0.2088 | 3750 |
| 1 chrA1.145429G | A | 0.158 | 4006 |
| 1 chrA1.145453A | G | 0.4367 | 3996 |
| 1 chrA1.145487G | A | 0.4109 | 3984 |
| 1 chrA1.145517A | G | 0.09009 | 3974 |
| 1 chrA1.145549G | A | 0.04412 | 3808 |
| 1 chrA1.145573G | A | 0.2654 | 3998 |
| 1 chrA1.145632A | G | 0.05689 | 3990 |
| 1 chrA1.145679A | G | 0.4473 | 3984 |
| 1 chrA1.145708A | C | 0.1333 | 3728 |
| 1 chrA1.145827C | A | 0.1611 | 3980 |
| 1 chrA1.145851G | A | 0.4728 | 4000 |
| 1 chrA1.145904G | A | 0.4308 | 4004 |
| 1 chrA1.145929A | G | 0.4039 | 3996 |
| 1 chrA1.145962A | G | 0.4032 | 3996 |
| 1 chrA1.146002A | G | 0.001248 | 4008 |
| 1 chrA1.146058A | G | 0.3846 | 3996 |
| 1 chrA1.146081A | G | 0.002745 | 4008 |
| 1 chrA1.146100 | 0 A | 0 | 3996 |
| 1 chrA1.146131C | A | 0.4817 | 3988 |
| 1 chrA1.146163G | A | 0.2831 | 3998 |
| 1 chrA1.146198A | G | 0.4078 | 3992 |
| 1 chrA1.146232A | G | 0.2219 | 4002 |
| 1 chrA1.146302G | A | 0.3065 | 3994 |

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| 1 chrA1.146381G | A | 0.2712 | 3898 |
| 1 chrA1.146449G | A | 0.1054 | 3994 |
| 1 chrA1.146489A | G | 0.367 | 3926 |
| 1 chrA1.146528G | A | 0.2803 | 4006 |
| 1 chrA1.146581A | C | 0.4799 | 3980 |
| 1 chrA1.146629G | A | 0.3241 | 4002 |
| 1 chrA1.146672A | G | 0.1053 | 3912 |
| 1 chrA1.146707A | G | 0.1976 | 3952 |
| 1 chrA1.146740A | G | 0.2954 | 3720 |
| 1 chrA1.146786A | G | 0.159 | 3924 |
| 1 chrA1.146849A | G | 0.3114 | 4004 |
| 1 chrA1.146919A | G | 0.3956 | 4004 |
| 1 chrA1.146932A | G | 0.3087 | 4000 |
| 1 chrA1.146960G | A | 0.3201 | 3902 |
| 1 chrA1.146992C | A | 0.2656 | 3994 |
| 1 chrA1.147072G | A | 0.1818 | 4004 |
| 1 chrA1.147096C | A | 0.4943 | 4006 |
| 1 chrA1.147122G | A | 0.3245 | 4006 |
| 1 chrA1.147159 | 0 G | 0 | 4010 |
| 1 chrA1.147179G | A | 0.06353 | 3998 |
| 1 chrA1.147199G | A | 0.08754 | 3998 |
| 1 chrA1.147238A | G | 0.1412 | 3866 |
| 1 chrA1.147269A | G | 0.08529 | 3916 |
| 1 chrA1.147319G | A | 0.000998 | 4008 |
| 1 chrA1.147367G | A | 0.07007 | 4010 |
| 1 chrA1.147422G | A | 0.448 | 3960 |
| 1 chrA1.147450A | G | 0.3749 | 3996 |
| 1 chrA1.147498G | A | 0.3844 | 3998 |
| 1 chrA1.147552A | G | 0.0932 | 4002 |
| 1 chrA1.147587A | G | 0.1833 | 4004 |
| 1 chrA1.147627A | G | 0.07306 | 3846 |
| 1 chrA1.147652G | A | 0.4923 | 4006 |
| 1 chrA1.147688A | G | 0.4778 | 4004 |
| 1 chrA1.147719A | C | 0.2563 | 3992 |
| 1 chrA1.147776A | G | 0.1934 | 3940 |
| 1 chrA1.147827G | A | 0.4487 | 3994 |
| 1 chrA1.147879C | A | 0.1747 | 4008 |
| 1 chrA1.147916G | A | 0.2983 | 3996 |
| 1 chrA1.147947G | A | 0.4031 | 3994 |
| 1 chrA1.147999C | A | 0.2852 | 4008 |
| 1 chrA1.148022A | G | 0.4475 | 3984 |

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|-----------------|-----|----------|------|
| 1 chrA1.148085G | A | 0.06316 | 3990 |
| 1 chrA1.148125C | A | 0.3989 | 3592 |
| 1 chrA1.148170A | G | 0.3791 | 3938 |
| 1 chrA1.148204A | G | 0.3538 | 3980 |
| 1 chrA1.148241A | G | 0.3626 | 3982 |
| 1 chrA1.148282A | G | 0.1745 | 3724 |
| 1 chrA1.148316A | G | 0.1699 | 3878 |
| 1 chrA1.148378G | A | 0.3858 | 3626 |
| 1 chrA1.148416G | A | 0.3764 | 3990 |
| 1 chrA1.148465A | G | 0.4515 | 4000 |
| 1 chrA1.148511G | A | 0.2552 | 4008 |
| 1 chrA1.148575A | G | 0.2213 | 3986 |
| 1 chrA1.148626A | G | 0.1641 | 4004 |
| 1 chrA1.148764A | G | 0.1145 | 3946 |
| 1 chrA1.148818A | C | 0.3918 | 3964 |
| 1 chrA1.148879G | A | 0.3319 | 3962 |
| 1 chrA1.148945A | G | 0.0384 | 3672 |
| 1 chrA1.148975G | A | 0.3392 | 4006 |
| 1 chrA1.149077G | A | 0.01657 | 3984 |
| 1 chrA1.149121C | A | 0.02595 | 4008 |
| 1 chrA1.149160A | G | 0.2236 | 4002 |
| 1 chrA1.149220C | A | 0.3294 | 3992 |
| 1 chrA1.149261G | A | 0.3203 | 3996 |
| 1 chrA1.149271 | 0 A | 0 | 4010 |
| 1 chrA1.149290C | A | 0.2244 | 3992 |
| 1 chrA1.149379G | A | 0.1997 | 4006 |
| 1 chrA1.149425G | A | 0.05729 | 3980 |
| 1 chrA1.149465G | A | 0.3807 | 4000 |
| 1 chrA1.149492A | G | 0.2003 | 4008 |
| 1 chrA1.149517G | A | 0.005525 | 3982 |
| 1 chrA1.149552G | A | 0.4537 | 3996 |
| 1 chrA1.149639G | A | 0.4711 | 3986 |
| 1 chrA1.149610A | C | 0.2499 | 3914 |
| 1 chrA1.149669A | G | 0.2567 | 4004 |
| 1 chrA1.149698A | C | 0.4917 | 3992 |
| 1 chrA1.149735A | G | 0.334 | 3994 |
| 1 chrA1.149768A | G | 0.003301 | 3938 |
| 1 chrA1.149816A | G | 0.2419 | 3910 |
| 1 chrA1.149851G | A | 0.1772 | 3996 |
| 1 chrA1.149902A | G | 0.1549 | 3842 |
| 1 chrA1.149965A | C | 0.2159 | 3992 |

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|-----------------|-----|---------|------|
| 1 chrA1.15000(G | A | 0.4943 | 4010 |
| 1 chrA1.15004(A | C | 0.2553 | 3996 |
| 1 chrA1.15007(A | G | 0.3313 | 4006 |
| 1 chrA1.15010(C | A | 0.06809 | 3892 |
| 1 chrUn11.435(A | G | 0.3172 | 3972 |
| 1 chrB4.18613(G | A | 0.3243 | 4006 |
| 1 chrB4.11914(A | G | 0.01172 | 4010 |
| 1 chrB4.75159 | 0 G | 0 | 4006 |
| 1 chrB4.70794 A | G | 0.2552 | 4000 |
| 1 chrB4.4433 G | A | 0.01198 | 4008 |
| 1 chrUn2.1630(A | G | 0.2046 | 3984 |
| 1 chrUn2.1659(A | G | 0.1082 | 3862 |
| 1 chrUn2.1687(G | A | 0.06 | 4000 |
| 1 chrUn2.1720(A | G | 0.02275 | 3912 |
| 1 chrUn2.1767(A | 0 G | 0 | 4006 |
| 1 chrUn2.1784(A | C | 0.1395 | 4000 |
| 1 chrUn2.1833(G | A | 0.3809 | 3980 |
| 1 chrUn2.1863(A | G | 0.4877 | 3980 |
| 1 chrUn2.1909(G | A | 0.395 | 4000 |
| 1 chrUn2.1948(A | 0 A | 0 | 4008 |
| 1 chrUn2.1984(A | G | 0.3935 | 3962 |
| 1 chrUn2.2094(A | G | 0.2332 | 4006 |
| 1 chrUn2.2131(A | G | 0.09182 | 4008 |
| 1 chrUn2.2136(A | G | 0.4479 | 3994 |
| 1 chrUn2.2179(A | G | 0.3195 | 3988 |
| 1 chrUn2.2231(G | A | 0.2381 | 3998 |
| 1 chrUn2.2283(G | A | 0.4423 | 4004 |
| 1 chrUn2.2374(G | A | 0.4365 | 4000 |
| 1 chrUn2.2398(A | G | 0.08299 | 3916 |
| 1 chrUn2.2463(G | A | 0.07425 | 4000 |
| 1 chrUn2.2511(A | G | 0.266 | 3740 |
| 1 chrUn2.2542(A | G | 0.4419 | 3992 |
| 1 chrUn2.2580(G | A | 0.2728 | 3962 |
| 1 chrUn2.2629(C | A | 0.496 | 3992 |
| 1 chrA1.20268(A | G | 0.1402 | 3930 |
| 1 chrA1.15092(C | A | 0.1525 | 3986 |
| 1 chrA1.15095(A | G | 0.414 | 3884 |
| 1 chrA1.15103(G | A | 0.3579 | 3982 |
| 1 chrA1.15109(A | G | 0.314 | 4000 |
| 1 chrA1.15110(A | 0 A | 0 | 4004 |
| 1 chrA1.15113(A | C | 0.3836 | 3978 |

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| 1 chrA1.15122(A | G | 0.2569 | 4002 |
| 1 chrA1.15128(A | A | 0.004844 | 3922 |
| 1 chrA1.15136(A | A | 0.0004988 | 4010 |
| 1 chrA1.15137(A | C | 0.000501 | 3992 |
| 1 chrA1.15141(A | G | 0.4533 | 4004 |
| 1 chrA1.15150(A | C | 0.4876 | 3966 |
| 1 chrA1.15157(A | G | 0.03527 | 3998 |
| 1 chrA1.15160(A | G | 0.3748 | 4008 |
| 1 chrA1.15166(A | G | 0.2621 | 3926 |
| 1 chrA1.15171(A | G | 0.06019 | 4004 |
| 1 chrA1.15173(A | G | 0.1189 | 3862 |
| 1 chrA1.15177(A | A | 0.07646 | 4002 |
| 1 chrA1.15180(A | G | 0.2135 | 4004 |
| 1 chrA1.15184(A | C | 0.2636 | 3888 |
| 1 chrA1.15188(A | C | 0.08617 | 3992 |
| 1 chrA1.15195(A | 0 A | 0 | 3988 |
| 1 chrA1.15198(A | A | 0.4698 | 4000 |
| 1 chrA1.15201(A | A | 0.4092 | 3986 |
| 1 chrA1.15201(A | G | 0.07236 | 4008 |
| 1 chrA1.15208(A | A | 0.09924 | 3960 |
| 1 chrA1.15211(A | A | 0.402 | 3998 |
| 1 chrA1.15214(A | A | 0.08321 | 3990 |
| 1 chrE2.53725(A | A | 0.2805 | 4004 |
| 1 chrA1.15224(A | C | 0.4551 | 4006 |
| 1 chrA1.15228(A | A | 0.1893 | 4000 |
| 1 chrA1.15231(A | A | 0.1548 | 3766 |
| 1 chrA1.15235(A | G | 0.01488 | 3898 |
| 1 chrA1.15239(A | A | 0.00333 | 3904 |
| 1 chrA1.15244(A | C | 0.3865 | 3992 |
| 1 chrA1.15248(A | A | 0.2342 | 4000 |
| 1 chrA1.15257(A | A | 0.3109 | 4004 |
| 1 chrA1.15264(A | A | 0.2402 | 3880 |
| 1 chrA1.15268(A | G | 0.3193 | 3996 |
| 1 chrA1.15275(A | C | 0.2783 | 3988 |
| 1 chrA1.15279(A | A | 0.4255 | 4000 |
| 1 chrA1.15282(A | A | 0.3913 | 4002 |
| 1 chrA1.15289(A | A | 0.2721 | 3998 |
| 1 chrA1.15299(A | A | 0.2961 | 3992 |
| 1 chrA1.15304(A | A | 0.2664 | 3994 |
| 1 chrA1.15307(A | A | 0.2605 | 4000 |
| 1 chrA1.15310(A | A | 0.3519 | 4004 |

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| 1 chrA1.15317 | A | G | 0.183 | 4006 |
| 1 chrA1.15322 | A | C | 0.078 | 4000 |
| 1 chrA1.15326 | G | A | 0.1605 | 4006 |
| 1 chrA1.15330 | G | A | 0.09361 | 4006 |
| 1 chrA1.15334 | A | G | 0.08691 | 4004 |
| 1 chrA1.15337 | A | G | 0.01079 | 3894 |
| 1 chrA1.15341 | A | G | 0.08701 | 3988 |
| 1 chrA1.15345 | A | G | 0.4432 | 3982 |
| 1 chrA1.15351 | A | G | 0.2554 | 4002 |
| 1 chrA1.15353 | A | G | 0.0482 | 4004 |
| 1 chrA1.15356 | A | G | 0.3857 | 4006 |
| 1 chrUn.70938 | G | A | 0.1866 | 4008 |
| 1 chrA1.15359 | A | G | 0.2934 | 3930 |
| 1 chrA1.15365 | G | A | 0.09825 | 4010 |
| 1 chrA1.15368 | C | A | 0.09899 | 3960 |
| 1 chrA1.15371 | C | A | 0.07318 | 4004 |
| 1 chrA1.15374 | A | G | 0.04548 | 3958 |
| 1 chrA1.15380 | G | A | 0.06098 | 3788 |
| 1 chrA1.15386 | C | A | 0.01979 | 3890 |
| 1 chrA1.15392 | C | A | 0.2927 | 3984 |
| 1 chrA1.15398 | G | A | 0.1843 | 4000 |
| 1 chrA1.15402 | G | A | 0.07863 | 4006 |
| 1 chrUn.36481 | A | G | 0.0298 | 3960 |
| 1 chrA1.15414 | C | A | 0.253 | 4004 |
| 1 chrA1.15416 | A | G | 0.1146 | 4004 |
| 1 chrA1.15424 | A | G | 0.1307 | 4010 |
| 1 chrA1.15427 | C | G | 0.1846 | 4004 |
| 1 chrA1.15434 | C | G | 0.1755 | 3994 |
| 1 chrA1.15442 | G | A | 0.2508 | 3996 |
| 1 chrA1.15445 | A | G | 0.0298 | 3960 |
| 1 chrA1.15451 | G | A | 0.2345 | 4004 |
| 1 chrA1.15457 | A | C | 0.4173 | 4002 |
| 1 chrA1.15460 | G | A | 0.08753 | 3976 |
| 1 chrA1.15463 | C | A | 0.3722 | 3998 |
| 1 chrA1.15465 | A | A | 0.4062 | 3996 |
| 1 chrA1.15474 | A | C | 0.2159 | 3964 |
| 1 chrA1.15477 | A | 0 G | 0 | 4010 |
| 1 chrA1.15478 | A | G | 0.3378 | 4002 |
| 1 chrA1.15481 | A | G | 0.07064 | 3992 |
| 1 chrA1.15485 | A | G | 0.358 | 3992 |
| 1 chrA1.15488 | G | A | 0.2845 | 3976 |

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| 1 chrA1.154897A | G | 0.05025 | 4000 |
| 1 chrA1.154924A | C | 0.05313 | 3934 |
| 1 chrA1.154981C | A | 0.4565 | 3790 |
| 1 chrUn2.27657A | G | 0.189 | 3942 |
| 1 chrA1.166922G | A | 0.3032 | 3974 |
| 1 chrA1.166887A | G | 0.1204 | 3980 |
| 1 chrA1.166826A | G | 0.1011 | 3996 |
| 1 chrA1.166756G | A | 0.4337 | 4000 |
| 1 chrA1.166718A | G | 0.04171 | 4004 |
| 1 chrA1.166677G | A | 0.3718 | 4000 |
| 1 chrA1.166627A | C | 0.432 | 3884 |
| 1 chrA1.166591A | G | 0.04319 | 4006 |
| 1 chrA1.166567A | G | 0.3494 | 3984 |
| 1 chrA1.166531G | A | 0.3709 | 4006 |
| 1 chrA1.166501G | A | 0.146 | 4000 |
| 1 chrA1.166470G | A | 0.3785 | 3942 |
| 1 chrA1.166419A | G | 0.4343 | 3990 |
| 1 chrA1.166385A | G | 0.2271 | 3998 |
| 1 chrA1.166331A | G | 0.0481 | 3992 |
| 1 chrA1.166305A | G | 0.3725 | 4000 |
| 1 chrA1.166175A | G | 0.1351 | 3944 |
| 1 chrA1.166131G | A | 0.08383 | 4008 |
| 1 chrA1.166115G | A | 0.2626 | 4002 |
| 1 chrA1.166091C | A | 0.1043 | 3960 |
| 1 chrA1.166048G | A | 0.1218 | 3916 |
| 1 chrA1.165985G | A | 0.4238 | 4002 |
| 1 chrA1.165929A | G | 0.1286 | 3990 |
| 1 chrA1.165854A | G | 0.07675 | 4000 |
| 1 chrA1.165826G | A | 0.4758 | 4000 |
| 1 chrA1.165765C | A | 0.02972 | 4004 |
| 1 chrA1.165710A | G | 0.3798 | 3910 |
| 1 chrA1.165574A | G | 0.2143 | 4004 |
| 1 chrA1.165564A | G | 0.242 | 3992 |
| 1 chrA1.165505G | A | 0.3901 | 3994 |
| 1 chrA1.165459C | A | 0.4095 | 3912 |
| 1 chrA1.165439G | A | 0.1518 | 4000 |
| 1 chrA1.165410A | G | 0.0694 | 4006 |
| 1 chrA1.165385G | A | 0.1158 | 3896 |
| 1 chrA1.165330C | A | 0.07176 | 3930 |
| 1 chrUn.695297A | G | 0.06447 | 4002 |
| 1 chrA1.165219G | A | 0.2455 | 3976 |

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| 1 chrA1.165177G | A | 0.0654 | 4006 |
| 1 chrB2.269564G | A | 0.06761 | 4008 |
| 1 chrA1.165146A | C | 0.1259 | 3986 |
| 1 chrA1.165097G | A | 0.3966 | 4004 |
| 1 chrA1.165064G | A | 0.2614 | 3994 |
| 1 chrA1.164984A | G | 0.3043 | 3996 |
| 1 chrA1.164894G | A | 0.07531 | 4010 |
| 1 chrA1.164858A | G | 0.3869 | 3998 |
| 1 chrA1.164753G | A | 0.2073 | 3994 |
| 1 chrA1.164727A | G | 0.1801 | 3982 |
| 1 chrA1.164689G | A | 0.2686 | 4002 |
| 1 chrA1.164659A | G | 0.07068 | 3990 |
| 1 chrA1.164619C | A | 0.2105 | 3934 |
| 1 chrA1.164546A | G | 0.112 | 4010 |
| 1 chrA1.164498G | A | 0.1117 | 4010 |
| 1 chrA1.164439A | G | 0.2916 | 4002 |
| 1 chrA1.164386G | A | 0.4032 | 4000 |
| 1 chrA1.164354C | A | 0.08236 | 3946 |
| 1 chrA1.164318A | G | 0.4951 | 3908 |
| 1 chrA1.164273A | G | 0.2667 | 4004 |
| 1 chrA1.164168A | G | 0.1873 | 3994 |
| 1 chrA1.164093A | G | 0.4694 | 3926 |
| 1 chrA1.164043A | G | 0.4263 | 4000 |
| 1 chrA1.163993G | A | 0.2613 | 3988 |
| 1 chrA1.163948G | A | 0.2884 | 3998 |
| 1 chrA1.163907A | G | 0.2981 | 4002 |
| 1 chrA1.163858G | A | 0.1633 | 3992 |
| 1 chrA1.163817A | C | 0.0002499 | 4002 |
| 1 chrA1.163803A | G | 0.04478 | 3930 |
| 1 chrA1.163737A | G | 0.07921 | 4002 |
| 1 chrA1.163687A | G | 0.2851 | 3970 |
| 1 chrA1.163639A | G | 0.3332 | 3982 |
| 1 chrA1.163606A | G | 0.2704 | 3998 |
| 1 chrA1.163576A | G | 0.2261 | 3990 |
| 1 chrA1.163537A | G | 0.24 | 4000 |
| 1 chrA1.163497A | G | 0.4557 | 4000 |
| 1 chrA1.163457A | G | 0.1199 | 3994 |
| 1 chrA1.163423A | G | 0.2457 | 3960 |
| 1 chrA1.163344A | G | 0.4221 | 3990 |
| 1 chrA1.163308A | G | 0.3506 | 3988 |
| 1 chrA1.163257A | G | 0.1223 | 3956 |

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| 1 chrA1.16319 | G | 0.1039 | 3966 |
| 1 chrA1.16316 | G | 0.34 | 4000 |
| 1 chrA1.16309 | A | 0.2436 | 3982 |
| 1 chrA1.16303 | A | 0.1319 | 3996 |
| 1 chrA1.16300 | G | 0.1653 | 4006 |
| 1 chrA1.16290 | A | 0.3414 | 3990 |
| 1 chrA1.16287 | C | 0.3372 | 3920 |
| 1 chrA1.16279 | A | 0.1911 | 3992 |
| 1 chrA1.16283 | A | 0.1906 | 4004 |
| 1 chrA1.16274 | A | 0.3837 | 3988 |
| 1 chrA1.16270 | A | 0.1653 | 3956 |
| 1 chrA1.16265 | G | 0.4735 | 3998 |
| 1 chrA1.16262 | C | 0.01038 | 3758 |
| 1 chrA1.16259 | G | 0.3246 | 4008 |
| 1 chrA1.16255 | C | 0.363 | 4006 |
| 1 chrA1.16247 | G | 0.3126 | 3996 |
| 1 chrA1.16243 | C | 0.452 | 3980 |
| 1 chrA1.16237 | A | 0.3093 | 4000 |
| 1 chrA1.16225 | G | 0.1806 | 3732 |
| 1 chrA1.16217 | A | 0.3619 | 3998 |
| 1 chrA1.16214 | G | 0.168 | 4006 |
| 1 chrA1.16212 | C | 0.1708 | 3986 |
| 1 chrA1.16208 | G | 0.3621 | 4010 |
| 1 chrA1.16198 | 0 G | 0 | 4006 |
| 1 chrA1.16197 | G | 0.3562 | 3992 |
| 1 chrA1.16189 | A | 0.4281 | 4004 |
| 1 chrA1.16186 | G | 0.08283 | 3670 |
| 1 chrA1.16183 | A | 0.371 | 3952 |
| 1 chrA1.16180 | C | 0.4836 | 3954 |
| 1 chrA1.16176 | G | 0.1221 | 4006 |
| 1 chrA1.16171 | G | 0.0002494 | 4010 |
| 1 chrA1.16171 | G | 0.2009 | 4002 |
| 1 chrA1.16161 | G | 0.3352 | 3998 |
| 1 chrA1.16158 | G | 0.07111 | 3980 |
| 1 chrA1.16148 | G | 0.4353 | 4006 |
| 1 chrA1.16144 | C | 0.08138 | 4006 |
| 1 chrA1.16138 | A | 0.06086 | 3894 |
| 1 chrA1.16133 | C | 0.05514 | 3990 |
| 1 chrA1.16127 | A | 0.3876 | 3996 |
| 1 chrA1.16123 | G | 0.03746 | 4004 |
| 1 chrA1.16119 | G | 0.264 | 3988 |

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| 1 chrA1.161084 | A | G | 0.01274 | 4002 |
| 1 chrA1.161063 | G | A | 0.2903 | 3924 |
| 1 chrA1.161026 | A | G | 0.3084 | 3998 |
| 1 chrA1.160985 | A | G | 0.2684 | 4002 |
| 1 chrA1.160953 | A | G | 0.2676 | 4010 |
| 1 chrA1.160915 | C | A | 0.03343 | 4008 |
| 1 chrA1.160785 | A | G | 0.1138 | 4000 |
| 1 chrA1.160756 | G | A | 0.3713 | 3972 |
| 1 chrA1.160717 | A | G | 0.05166 | 3968 |
| 1 chrA1.160545 | A | G | 0.04502 | 3798 |
| 1 chrA1.160521 | A | G | 0.4677 | 4000 |
| 1 chrA1.160398 | C | A | 0.005741 | 4006 |
| 1 chrA1.160352 | A | C | 0.2467 | 3814 |
| 1 chrA1.160295 | A | G | 0.09794 | 3788 |
| 1 chrA1.160257 | C | A | 0.3452 | 4004 |
| 1 chrA1.160268 | | 0 C | 0 | 4010 |
| 1 chrA1.160136 | A | G | 0.1952 | 3996 |
| 1 chrA1.160105 | A | C | 0.2749 | 3972 |
| 1 chrA1.160079 | A | G | 0.3321 | 4002 |
| 1 chrA1.160052 | G | A | 0.1699 | 3990 |
| 1 chrA1.160014 | A | G | 0.1898 | 4004 |
| 1 chrA1.159963 | A | G | 0.2722 | 4008 |
| 1 chrA1.159927 | G | A | 0.2893 | 3972 |
| 1 chrA1.159837 | A | G | 0.1312 | 3696 |
| 1 chrA1.159723 | G | A | 0.2453 | 4008 |
| 1 chrA1.159692 | A | G | 0.254 | 3996 |
| 1 chrA1.159659 | C | A | 0.4607 | 4000 |
| 1 chrA1.159601 | G | A | 0.3769 | 3932 |
| 1 chrA1.159496 | G | A | 0.4303 | 4002 |
| 1 chrA1.159469 | G | A | 0.2539 | 3990 |
| 1 chrA1.159435 | A | G | 0.07963 | 4006 |
| 1 chrA1.159360 | A | G | 0.1627 | 3994 |
| 1 chrA1.159324 | A | G | 0.04968 | 4006 |
| 1 chrA1.159285 | G | A | 0.132 | 3978 |
| 1 chrA1.159239 | G | A | 0.1363 | 3968 |
| 1 chrA1.159173 | G | A | 0.2631 | 3972 |
| 1 chrA1.159095 | A | G | 0.2858 | 4010 |
| 1 chrA1.159065 | G | A | 0.3905 | 3980 |
| 1 chrA1.159032 | A | G | 0.3725 | 3876 |
| 1 chrA1.158998 | A | G | 0.08556 | 3822 |
| 1 chrA1.158966 | G | A | 0.268 | 4008 |

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| 1 chrA1.158934G | A | 0.1756 | 3986 |
| 1 chrA1.158860A | C | 0.4114 | 3994 |
| 1 chrA1.158829G | A | 0.3012 | 3998 |
| 1 chrA1.158804G | A | 0.2124 | 3998 |
| 1 chrA1.158769C | A | 0.0962 | 4002 |
| 1 chrA1.158743A | G | 0.1917 | 4000 |
| 1 chrA1.158717A | C | 0.1105 | 3836 |
| 1 chrA1.158660A | C | 0.2182 | 3996 |
| 1 chrA1.158614G | A | 0.2176 | 3966 |
| 1 chrA1.158568A | G | 0.138 | 4006 |
| 1 chrA1.158523A | G | 0.1228 | 4006 |
| 1 chrA1.158420A | G | 0.1119 | 3996 |
| 1 chrA1.158383G | A | 0.309 | 3990 |
| 1 chrA1.158308A | G | 0.002244 | 4010 |
| 1 chrA1.158248G | A | 0.4531 | 3984 |
| 1 chrA1.158201A | G | 0.2665 | 3988 |
| 1 chrA1.158162C | A | 0.4123 | 4002 |
| 1 chrA1.158103A | G | 0.0002518 | 3972 |
| 1 chrA1.158095A | G | 0.08709 | 3950 |
| 1 chrA1.158035A | G | 0.001781 | 3930 |
| 1 chrA1.166959A | G | 0.1418 | 4000 |
| 1 chrA1.167022G | A | 0.3585 | 3980 |
| 1 chrA1.167055A | C | 0.0696 | 3994 |
| 1 chrA1.167084A | G | 0.1558 | 3826 |
| 1 chrA1.167157A | G | 0.2666 | 4006 |
| 1 chrA1.167193A | G | 0.09294 | 3992 |
| 1 chrA1.167219A | G | 0.2223 | 4008 |
| 1 chrA1.167274A | G | 0.1063 | 3998 |
| 1 chrUn.487244A | G | 0.2722 | 4000 |
| 1 chrA1.167317G | A | 0.4533 | 4006 |
| 1 chrA1.167342G | A | 0.4576 | 3984 |
| 1 chrA1.167381A | G | 0.3531 | 4002 |
| 1 chrA1.167414G | A | 0.2402 | 3980 |
| 1 chrA1.167469C | A | 0.2227 | 3996 |
| 1 chrA1.167522G | A | 0.4348 | 3956 |
| 1 chrA1.167556A | G | 0.1423 | 4006 |
| 1 chrA1.167607A | G | 0.3409 | 3992 |
| 1 chrA1.167670G | A | 0.4378 | 3990 |
| 1 chrA1.167695A | G | 0.224 | 3996 |
| 1 chrA1.167739G | A | 0.4285 | 3946 |
| 1 chrA1.167771A | G | 0.4371 | 3990 |

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| 1 chrA1.167835G | A | 0.43 | 4002 |
| 1 chrA1.167870C | A | 0.04173 | 4002 |
| 1 chrA1.167916G | A | 0.05567 | 4006 |
| 1 chrA1.167950G | A | 0.0651 | 3748 |
| 1 chrA1.167956A | G | 0.03812 | 3778 |
| 1 chrA1.167995C | A | 0.481 | 3998 |
| 1 chrA1.168026G | A | 0.4652 | 3964 |
| 1 chrA1.168055A | G | 0.3006 | 3996 |
| 1 chrA1.168092A | G | 0.2555 | 3988 |
| 1 chrUn.537449A | G | 0.3773 | 4002 |
| 1 chrA1.168160A | G | 0.252 | 3972 |
| 1 chrA1.168208G | A | 0.0649 | 4006 |
| 1 chrA1.168242G | A | 0.02885 | 3986 |
| 1 chrA1.168294G | A | 0.02972 | 4004 |
| 1 chrA1.168318G | A | 0.02299 | 3872 |
| 1 chrA1.168335G | A | 0.1633 | 3778 |
| 1 chrA1.168355G | A | 0.39 | 3844 |
| 1 chrA1.168490A | G | 0.05796 | 3934 |
| 1 chrA1.168544G | A | 0.05267 | 4006 |
| 1 chrA1.168595C | A | 0.1234 | 4004 |
| 1 chrA1.168656G | A | 0.1395 | 3992 |
| 1 chrA1.168692A | G | 0.3419 | 4004 |
| 1 chrA1.168725A | G | 0.08076 | 3826 |
| 1 chrA1.168930A | C | 0.3193 | 3956 |
| 1 chrA1.168941G | A | 0.1143 | 3972 |
| 1 chrA1.168988A | G | 0.3439 | 4004 |
| 1 chrA1.169030G | A | 0.133 | 3978 |
| 1 chrA1.169076A | C | 0.2944 | 3964 |
| 1 chrA1.169114A | G | 0.2817 | 3980 |
| 1 chrA1.169175A | G | 0.2188 | 4004 |
| 1 chrA1.169246G | A | 0.146 | 4006 |
| 1 chrA1.169297C | A | 0.07029 | 3998 |
| 1 chrA1.169342A | G | 0.1627 | 4000 |
| 1 chrA1.169425G | A | 0.441 | 3998 |
| 1 chrA1.169461A | G | 0.1339 | 3996 |
| 1 chrA1.169571G | A | 0.004036 | 3964 |
| 1 chrA1.169648G | A | 0.4037 | 3976 |
| 1 chrA1.169875A | C | 0.3317 | 3994 |
| 1 chrA1.169994G | A | 0.3098 | 3928 |
| 1 chrA1.170085G | A | 0.3977 | 4008 |
| 1 chrA1.170174A | C | 0.02002 | 3996 |

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| 1 chrA1.170280A | G | 0.3463 | 3996 |
| 1 chrA1.170307G | A | 0.1318 | 4000 |
| 1 chrA1.170421A | G | 0.271 | 3996 |
| 1 chrA1.170452A | G | 0.4974 | 3842 |
| 1 chrA1.170491C | A | 0.06384 | 4010 |
| 1 chrA1.170564A | G | 0.007731 | 4010 |
| 1 chrA1.170638A | G | 0.07412 | 3980 |
| 1 chrA1.170798A | G | 0.1681 | 3914 |
| 1 chrA1.170927A | G | 0.2022 | 3972 |
| 1 chrA1.171060A | G | 0.1263 | 4006 |
| 1 chrA1.171136A | G | 0.2149 | 3900 |
| 1 chrA1.135733A | G | 0.08648 | 3920 |
| 1 chrA1.171227A | C | 0.265 | 3992 |
| 1 chrA1.171318G | A | 0.1986 | 4008 |
| 1 chrA1.171345A | G | 0.06482 | 3656 |
| 1 chrA1.171455A | G | 0.1224 | 3972 |
| 1 chrA1.171504A | G | 0.4808 | 4002 |
| 1 chrA1.171549C | A | 0.4441 | 3990 |
| 1 chrA1.171617A | G | 0.05458 | 3976 |
| 1 chrA1.171650A | C | 0.1765 | 3984 |
| 1 chrA1.171692A | G | 0.1648 | 3998 |
| 1 chrA1.171781A | G | 0.4312 | 3998 |
| 1 chrA1.171817G | A | 0.4304 | 3992 |
| 1 chrA1.171842C | A | 0.1156 | 4004 |
| 1 chrA1.171869A | G | 0.0002494 | 4010 |
| 1 chrA1.171901A | G | 0.1482 | 4002 |
| 1 chrUn.669951A | G | 0.1995 | 4006 |
| 1 chrA1.171985G | A | 0.05342 | 4006 |
| 1 chrA1.172031A | G | 0.3093 | 4000 |
| 1 chrUn.532969C | A | 0.1943 | 4004 |
| 1 chrA1.172077A | G | 0.2511 | 3926 |
| 1 chrA1.172141A | G | 0.4624 | 3888 |
| 1 chrA1.172195C | A | 0.1044 | 4002 |
| 1 chrA1.172220A | G | 0.003244 | 4008 |
| 1 chrA1.172259G | A | 0.4993 | 4006 |
| 1 chrA1.172333G | A | 0.3415 | 4006 |
| 1 chrA1.172366G | A | 0.1066 | 3998 |
| 1 chrUn.174211A | C | 0.449 | 3964 |
| 1 chrA1.172466A | G | 0.3904 | 4006 |
| 1 chrA1.172518A | G | 0.296 | 4004 |
| 1 chrA1.172555G | A | 0.2742 | 4000 |

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| 1 chrA1.172606G | A | 0.2454 | 4006 |
| 1 chrA1.172727A | G | 0.04888 | 3846 |
| 1 chrA1.172755A | G | 0.02831 | 3850 |
| 1 chrA1.172795G | A | 0.1303 | 3998 |
| 1 chrA1.172851C | A | 0.4695 | 3962 |
| 1 chrA1.172877A | C | 0.4995 | 4000 |
| 1 chrA1.172910A | G | 0.3255 | 4006 |
| 1 chrA1.172988A | G | 0.1252 | 3986 |
| 1 chrA1.173017A | G | 0.2531 | 3990 |
| 1 chrA1.173064A | G | 0.1827 | 4006 |
| 1 chrA1.173097A | G | 0.4345 | 3850 |
| 1 chrA1.173147A | G | 0.1343 | 4000 |
| 1 chrA1.173209G | A | 0.1287 | 4002 |
| 1 chrA1.173251A | G | 0.3879 | 3650 |
| 1 chrA1.173276A | G | 0.303 | 3990 |
| 1 chrUn.140364G | A | 0.4631 | 3958 |
| 1 chrA1.173313A | C | 0.2421 | 3998 |
| 1 chrA1.173364A | G | 0.1625 | 4000 |
| 1 chrA1.173430A | G | 0.3825 | 3984 |
| 1 chrA1.173478C | A | 0.1796 | 3986 |
| 1 chrA1.173520A | G | 0.02108 | 3984 |
| 1 chrA1.173579G | A | 0.335 | 3812 |
| 1 chrA1.173673G | A | 0.204 | 3996 |
| 1 chrA1.173705G | A | 0.2495 | 3968 |
| 1 chrA1.173753A | G | 0.2862 | 3994 |
| 1 chrA1.173798G | A | 0.4133 | 3816 |
| 1 chrA1.173827C | A | 0.01722 | 4008 |
| 1 chrA1.173860A | G | 0.253 | 4004 |
| 1 chrA1.173890G | A | 0.3798 | 3936 |
| 1 chrA1.173923G | A | 0.3356 | 4008 |
| 1 chrA1.173936G | A | 0.2062 | 4000 |
| 1 chrA1.174087A | G | 0.1628 | 3986 |
| 1 chrA1.174257A | G | 0.2409 | 3998 |
| 1 chrA1.174290A | C | 0.4223 | 3966 |
| 1 chrA1.174338A | G | 0.01747 | 4006 |
| 1 chrA1.174389G | A | 0.1593 | 3910 |
| 1 chrA1.174435 | 0 A | 0 | 4000 |
| 1 chrA1.174476G | A | 0.2357 | 3996 |
| 1 chrA1.174514A | G | 0.07045 | 3946 |
| 1 chrA1.174547A | C | 0.4752 | 3992 |
| 1 chrA1.174578A | G | 0.1987 | 3956 |

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| 1 chrA1.174606A | G | 0.3414 | 3972 |
| 1 chrA1.174632A | G | 0.251 | 3936 |
| 1 chrA1.174758G | A | 0.217 | 3898 |
| 1 chrA1.174791C | A | 0.4723 | 3904 |
| 1 chrA1.174819G | A | 0.108 | 3990 |
| 1 chrA1.174866G | A | 0.0261 | 3716 |
| 1 chrA1.174899A | G | 0.4832 | 3934 |
| 1 chrA1.174939A | G | 0.09574 | 3854 |
| 1 chrA1.174959C | A | 0.221 | 3968 |
| 1 chrA1.175019G | A | 0.1796 | 4010 |
| 1 chrA1.175099A | G | 0.4015 | 4002 |
| 1 chrA1.175122A | G | 0.4381 | 3956 |
| 1 chrA1.175177A | G | 0.1381 | 3932 |
| 1 chrA1.175224G | A | 0.1097 | 4002 |
| 1 chrA1.175254G | A | 0.3918 | 3954 |
| 1 chrA1.175281A | G | 0.2343 | 3990 |
| 1 chrA1.175317G | A | 0.2522 | 3946 |
| 1 chrA1.175348A | G | 0.2199 | 4006 |
| 1 chrA1.175418A | G | 0.3191 | 3952 |
| 1 chrA1.175459A | G | 0.06152 | 3836 |
| 1 chrA1.175480A | G | 0.1865 | 4000 |
| 1 chrA1.175482G | A | 0.1066 | 4006 |
| 1 chrA1.175486G | A | 0.4598 | 3976 |
| 1 chrA1.175507G | A | 0.4751 | 3970 |
| 1 chrA1.175577G | A | 0.452 | 4002 |
| 1 chrA1.175609A | G | 0.4568 | 3986 |
| 1 chrA1.175664A | C | 0.1811 | 3870 |
| 1 chrA1.175699A | G | 0.1135 | 4000 |
| 1 chrA1.175789C | A | 0.002591 | 3860 |
| 1 chrA1.175859A | G | 0.1189 | 3994 |
| 1 chrA1.175939A | C | 0.2867 | 4000 |
| 1 chrA1.175959A | C | 0.1358 | 3948 |
| 1 chrA1.176007G | A | 0.4692 | 3994 |
| 1 chrA1.176039G | A | 0.04198 | 3930 |
| 1 chrUn.809409C | A | 0.1392 | 4000 |
| 1 chrA1.176084A | G | 0.2013 | 3984 |
| 1 chrA1.176114A | G | 0.1372 | 3930 |
| 1 chrA1.176147A | C | 0.3762 | 3990 |
| 1 chrA1.176198A | G | 0.2763 | 3836 |
| 1 chrA1.176271C | A | 0.2809 | 3998 |
| 1 chrA1.176317A | G | 0.1422 | 3986 |

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| 1 chrA1.176341G | A | 0.4816 | 3958 |
| 1 chrA1.176368A | G | 0.06118 | 3972 |
| 1 chrA1.176397A | G | 0.09234 | 3682 |
| 1 chrA1.176421A | G | 0.1488 | 3610 |
| 1 chrA1.176446G | A | 0.2091 | 3970 |
| 1 chrA1.176450A | G | 0.1348 | 4006 |
| 1 chrA1.176582A | G | 0.1772 | 4006 |
| 1 chrA1.176617C | A | 0.2546 | 4006 |
| 1 chrA1.176647G | A | 0.2546 | 3994 |
| 1 chrA1.176695A | G | 0.06138 | 4008 |
| 1 chrA1.176725A | G | 0.1098 | 3924 |
| 1 chrA1.176775G | A | 0.2126 | 3998 |
| 1 chrA1.176804A | G | 0.1732 | 4006 |
| 1 chrA1.176810G | A | 0.221 | 3978 |
| 1 chrA1.176838G | A | 0.4812 | 3990 |
| 1 chrA1.176866A | G | 0.1718 | 4010 |
| 1 chrA1.176891A | G | 0.4166 | 4006 |
| 1 chrA1.176921A | G | 0.1353 | 3998 |
| 1 chrA1.176984A | C | 0.1385 | 4000 |
| 1 chrA1.177098G | A | 0.1642 | 3996 |
| 1 chrA1.177144A | G | 0.4088 | 3982 |
| 1 chrA1.177221G | A | 0.356 | 4008 |
| 1 chrA1.177256A | G | 0.1194 | 3994 |
| 1 chrA1.177288G | A | 0.09251 | 3870 |
| 1 chrA1.177335C | A | 0.1729 | 4002 |
| 1 chrA1.177375A | G | 0.414 | 3930 |
| 1 chrA1.177426A | G | 0.2865 | 3780 |
| 1 chrA1.177457A | G | 0.1798 | 3994 |
| 1 chrA1.177496G | A | 0.07536 | 3994 |
| 1 chrA1.177602A | G | 0.03518 | 4008 |
| 1 chrA1.177675A | C | 0.3192 | 3928 |
| 1 chrA1.177710A | G | 0.09589 | 3994 |
| 1 chrA1.177781G | A | 0.4102 | 3986 |
| 1 chrA1.177817C | A | 0.2851 | 3964 |
| 1 chrA1.177905A | G | 0.4006 | 3974 |
| 1 chrA1.177944A | G | 0.1823 | 4004 |
| 1 chrA1.177955G | A | 0.002008 | 3984 |
| 1 chrA1.178010A | G | 0.1533 | 4006 |
| 1 chrA1.178055G | A | 0.1104 | 3996 |
| 1 chrA1.178090G | A | 0.3341 | 3918 |
| 1 chrA1.178144A | C | 0.4958 | 4002 |

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| 1 chrA1.178182A | G | 0.2953 | 3992 |
| 1 chrA1.178215A | G | 0.1975 | 3934 |
| 1 chrA1.178254A | G | 0.48 | 3798 |
| 1 chrA1.178295G | A | 0.003906 | 3840 |
| 1 chrA1.178324G | A | 0.3652 | 3990 |
| 1 chrA1.178451G | A | 0.1378 | 4000 |
| 1 chrA1.178475A | G | 0.3039 | 3946 |
| 1 chrA1.178555A | C | 0.1151 | 4006 |
| 1 chrA1.178579A | G | 0.3698 | 4002 |
| 1 chrA1.178631G | A | 0.2021 | 3994 |
| 1 chrA1.178657A | G | 0.4576 | 3958 |
| 1 chrA1.178682A | G | 0.2125 | 4004 |
| 1 chrA1.178756A | G | 0.4712 | 3992 |
| 1 chrA1.178785A | G | 0.2625 | 4004 |
| 1 chrUn.679209C | A | 0.1127 | 3932 |
| 1 chrA1.178832G | A | 0.3566 | 3968 |
| 1 chrA1.178894G | A | 0.1479 | 3962 |
| 1 chrA1.178945A | G | 0.08054 | 3998 |
| 1 chrA1.178972A | G | 0.1539 | 4008 |
| 1 chrA1.179016A | C | 0.1981 | 3922 |
| 1 chrA1.179041A | G | 0.3008 | 4000 |
| 1 chrA1.179085G | A | 0.146 | 3910 |
| 1 chrA1.179122A | C | 0.05458 | 3756 |
| 1 chrA1.179155G | A | 0.08154 | 3986 |
| 1 chrA1.179206G | A | 0.4048 | 3844 |
| 1 chrA1.179272G | A | 0.4589 | 3968 |
| 1 chrA1.179301A | C | 0.3955 | 4000 |
| 1 chrA1.179352G | A | 0.331 | 4000 |
| 1 chrA1.179398G | A | 0.2858 | 3982 |
| 1 chrA1.179425A | G | 0.1378 | 3990 |
| 1 chrA1.179456A | G | 0.01974 | 4002 |
| 1 chrA1.179462A | G | 0.1042 | 3994 |
| 1 chrA1.179511G | A | 0.4695 | 3996 |
| 1 chrA1.179631A | G | 0.2456 | 3934 |
| 1 chrA1.179669C | A | 0.3795 | 3992 |
| 1 chrA1.179714G | A | 0.2124 | 3992 |
| 1 chrA1.179771A | G | 0.183 | 3994 |
| 1 chrA1.179804A | G | 0.3758 | 3994 |
| 1 chrA1.179896G | A | 0.3432 | 3948 |
| 1 chrA1.179946A | G | 0.1189 | 3960 |
| 1 chrA1.180041A | G | 0.2155 | 4000 |

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| 1 chrA1.180071A | G | 0.1404 | 4002 |
| 1 chrA1.180113A | G | 0.1173 | 3870 |
| 1 chrA1.180149A | G | 0.1832 | 4002 |
| 1 chrA1.180195C | A | 0.116 | 3982 |
| 1 chrA1.180219A | C | 0.3793 | 4010 |
| 1 chrA1.180339G | A | 0.0002494 | 4010 |
| 1 chrA1.180356A | G | 0.2951 | 4006 |
| 1 chrA1.180384A | G | 0.4476 | 3954 |
| 1 chrA1.180408G | A | 0.1461 | 3990 |
| 1 chrA1.180456A | C | 0.459 | 3954 |
| 1 chrA1.180495A | G | 0.1499 | 3970 |
| 1 chrA1.180546A | G | 0.0868 | 3986 |
| 1 chrA1.180584G | A | 0.2058 | 4004 |
| 1 chrA1.180607G | A | 0.2044 | 3968 |
| 1 chrA1.180631G | A | 0.1455 | 4000 |
| 1 chrA1.180676A | C | 0.02485 | 3984 |
| 1 chrA1.180743G | A | 0.1668 | 3980 |
| 1 chrA1.180811A | G | 0.4618 | 4004 |
| 1 chrA1.180849G | A | 0.2162 | 3932 |
| 1 chrA1.180883A | G | 0.2755 | 3946 |
| 1 chrA1.180959A | G | 0.2224 | 3998 |
| 1 chrA1.180977A | G | 0.03219 | 4008 |
| 1 chrA1.181020A | G | 0.1033 | 4006 |
| 1 chrA1.181062G | A | 0.1178 | 4006 |
| 1 chrA1.181081A | C | 0.2177 | 4006 |
| 1 chrA1.181086G | A | 0.2658 | 3976 |
| 1 chrA1.181131G | A | 0.169 | 4000 |
| 1 chrA1.181185A | G | 0.4362 | 3998 |
| 1 chrA1.181234A | G | 0.171 | 3994 |
| 1 chrA1.181304A | G | 0.3347 | 3944 |
| 1 chrA1.181365A | G | 0.05697 | 4002 |
| 1 chrA1.181422G | A | 0.06915 | 4006 |
| 1 chrA1.181476A | G | 0.03196 | 3786 |
| 1 chrA1.181525G | A | 0.2345 | 3906 |
| 1 chrA1.181598A | G | 0.2718 | 4006 |
| 1 chrA1.181649A | C | 0.04982 | 3834 |
| 1 chrA1.181669G | A | 0.2753 | 3996 |
| 1 chrA1.181676C | A | 0.2202 | 3906 |
| 1 chrA1.181771A | G | 0.2419 | 4002 |
| 1 chrA1.181804A | G | 0.2668 | 4010 |
| 1 chrA1.181871A | G | 0.3384 | 4004 |

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| 1 chrA1.18187 | G | A | 0.2138 | 4004 |
| 1 chrA1.18190 | A | C | 0.372 | 3952 |
| 1 chrA1.18193 | C | A | 0.2994 | 3994 |
| 1 chrA1.18200 | C | A | 0.3276 | 3996 |
| 1 chrA1.18207 | A | G | 0.4863 | 4004 |
| 1 chrA1.18210 | A | A | 0.3352 | 3950 |
| 1 chrA1.18224 | A | G | 0.1082 | 3928 |
| 1 chrA1.18227 | A | A | 0.4108 | 3992 |
| 1 chrA1.18232 | A | C | 0.3384 | 3980 |
| 1 chrA1.18240 | A | G | 0.03518 | 4008 |
| 1 chrA1.18240 | A | G | 0.2074 | 3992 |
| 1 chrA1.18243 | A | A | 0.287 | 3930 |
| 1 chrA1.18247 | A | G | 0.1603 | 4004 |
| 1 chrUn2.2901 | A | C | 0.2284 | 3884 |
| 1 chrD4.10698 | A | G | 0.1273 | 3998 |
| 1 chrUn.58838 | A | A | 0.209 | 4000 |
| 1 chrUn3.9440 | A | A | 0.03388 | 3926 |
| 1 chrUn3.9276 | A | G | 0.1566 | 3984 |
| 1 chrUn3.9255 | A | A | 0.3192 | 3998 |
| 1 chrUn3.9235 | A | C | 0.122 | 3730 |
| 1 chrUn3.9190 | A | A | 0.07882 | 3984 |
| 1 chrUn3.9156 | A | G | 0.03226 | 3968 |
| 1 chrUn3.9078 | A | A | 0.03562 | 3874 |
| 1 chrUn3.9032 | A | G | 0.3316 | 3996 |
| 1 chrUn3.8991 | A | G | 0.4899 | 3980 |
| 1 chrUn3.8950 | A | G | 0.1882 | 4002 |
| 1 chrUn3.8850 | A | G | 0.076 | 4000 |
| 1 chrUn3.8809 | A | G | 0.3291 | 3984 |
| 1 chrUn.52956 | A | G | 0.2352 | 3864 |
| 1 chrUn3.8691 | A | G | 0.1368 | 3956 |
| 1 chrUn3.8619 | A | A | 0.1937 | 4000 |
| 1 chrUn3.8571 | A | G | 0.08181 | 3826 |
| 1 chrUn3.8545 | A | G | 0.1024 | 3986 |
| 1 chrUn3.8491 | A | A | 0.2716 | 3966 |
| 1 chrUn3.8412 | A | C | 0.3092 | 3998 |
| 1 chrUn3.8363 | A | G | 0.1857 | 4006 |
| 1 chrUn3.8325 | A | G | 0.06359 | 4010 |
| 1 chrUn3.8247 | A | A | 0.0007481 | 4010 |
| 1 chrUn3.8217 | A | C | 0.4673 | 4004 |
| 1 chrUn3.8186 | A | G | 0.1148 | 3982 |
| 1 chrUn3.8109 | A | A | 0.09025 | 4000 |

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| 1 chrUn3.80591G | A | 0.47 | 4000 |
| 1 chrUn3.79871A | C | 0.1259 | 3972 |
| 1 chrUn3.79331A | C | 0.2385 | 4008 |
| 1 chrUn3.78831G | A | 0.1597 | 4002 |
| 1 chrUn3.78541G | A | 0.4977 | 3952 |
| 1 chrUn3.77951A | G | 0.2491 | 4002 |
| 1 chrUn3.77811A | G | 0.04804 | 3934 |
| 1 chrUn3.77601G | A | 0.4377 | 3998 |
| 1 chrUn3.77491G | A | 0.003778 | 3970 |
| 1 chrUn3.77131G | A | 0.2951 | 3998 |
| 1 chrUn3.76881A | G | 0.04004 | 3996 |
| 1 chrUn3.76421A | G | 0.1293 | 3998 |
| 1 chrUn3.76071A | G | 0.03454 | 3880 |
| 1 chrUn3.75721A | G | 0.09614 | 3994 |
| 1 chrUn3.75141G | A | 0.1254 | 3948 |
| 1 chrUn3.74871G | A | 0.2689 | 3998 |
| 1 chrUn.490531A | G | 0.2211 | 3994 |
| 1 chrUn3.74101G | A | 0.1119 | 4002 |
| 1 chrUn3.73661G | A | 0.07664 | 4006 |
| 1 chrUn3.73221C | A | 0.3304 | 3980 |
| 1 chrUn3.72761A | G | 0.2692 | 3986 |
| 1 chrUn3.72051A | G | 0.3594 | 3998 |
| 1 chrUn3.71941G | A | 0.2089 | 3998 |
| 1 chrUn3.71371A | G | 0.1895 | 3990 |
| 1 chrUn3.70801A | G | 0.3194 | 3998 |
| 1 chrUn3.70541A | C | 0.4862 | 3994 |
| 1 chrUn3.69261A | C | 0.4442 | 3958 |
| 1 chrUn3.68751G | A | 0.2109 | 4002 |
| 1 chrUn3.68451A | C | 0.2326 | 3990 |
| 1 chrUn3.68081G | A | 0.416 | 3998 |
| 1 chrUn3.67461A | G | 0.1198 | 4006 |
| 1 chrUn3.66651G | A | 0.1263 | 3880 |
| 1 chrUn3.65851A | G | 0.4528 | 4006 |
| 1 chrA1.182491A | G | 0.2796 | 3930 |
| 1 chrA1.182601A | G | 0.1057 | 3984 |
| 1 chrA1.182701A | G | 0.08612 | 4006 |
| 1 chrA1.182701G | A | 0.07556 | 3904 |
| 1 chrA1.182741A | G | 0.482 | 4000 |
| 1 chrA1.182791A | G | 0.2704 | 4002 |
| 1 chrA1.182871A | G | 0.01249 | 4002 |
| 1 chrA1.182941G | A | 0.1848 | 4004 |

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| 1 chrA1.182995G | A | 0.1499 | 3808 |
| 1 Phen_ARSB_1A | G | 0.1027 | 3828 |
| 1 Phen_ARSB_1G | A | 0.000499 | 4008 |
| 1 chrA1.183055G | A | 0.2192 | 4000 |
| 1 chrA1.183155G | A | 0.118 | 4008 |
| 1 chrA1.183211C | A | 0.3221 | 3968 |
| 1 chrA1.183295G | A | 0.3835 | 3990 |
| 1 chrA1.183351A | G | 0.261 | 3996 |
| 1 chrUn.398734A | G | 0.2503 | 3892 |
| 1 chrA1.183381A | C | 0.1053 | 3998 |
| 1 chrA1.183417A | G | 0.002528 | 3956 |
| 1 chrA1.183445A | G | 0.2269 | 3998 |
| 1 chrA1.183500A | G | 0.07314 | 3842 |
| 1 chrA1.183534G | A | 0.4349 | 4008 |
| 1 chrA1.183585G | A | 0.2546 | 4002 |
| 1 chrA1.183625G | A | 0.1104 | 4004 |
| 1 chrA1.183645A | C | 0.3961 | 3948 |
| 1 chrA1.183685G | A | 0.4272 | 3982 |
| 1 chrA1.183738G | A | 0.3154 | 3982 |
| 1 chrA1.183840C | A | 0.09431 | 4008 |
| 1 chrA1.183875A | G | 0.4789 | 3976 |
| 1 chrA1.183942A | G | 0.1402 | 4008 |
| 1 chrA1.184015G | A | 0.1606 | 3928 |
| 1 chrA1.184065G | A | 0.2823 | 3988 |
| 1 chrA1.184065G | A | 0.1296 | 3998 |
| 1 chrA1.184095G | A | 0.2475 | 3992 |
| 1 chrA1.184151A | G | 0.1066 | 3988 |
| 1 chrA1.184205A | G | 0.2941 | 3998 |
| 1 chrA1.184247A | C | 0.4307 | 3996 |
| 1 chrA1.184281G | A | 0.04275 | 4000 |
| 1 chrA1.184327A | G | 0.1612 | 4002 |
| 1 chrA1.184375G | A | 0.1955 | 4000 |
| 1 chrA1.184410C | A | 0.3807 | 4006 |
| 1 chrA1.184467C | A | 0.2394 | 3994 |
| 1 chrA1.184547G | A | 0.4522 | 3994 |
| 1 chrA1.184581A | G | 0.07552 | 3906 |
| 1 chrA1.184635G | A | 0.2853 | 3992 |
| 1 chrA1.184724A | C | 0.1978 | 3924 |
| 1 chrA1.184758A | C | 0.2854 | 3932 |
| 1 chrA1.168795C | A | 0.3773 | 4002 |
| 1 chrA1.184885A | G | 0.1354 | 3966 |

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| 1 chrA1.184924A | C | 0.3212 | 3932 |
| 1 chrA1.184982A | G | 0.1496 | 3958 |
| 1 chrA1.185008C | A | 0.4985 | 3980 |
| 1 chrA1.185059A | G | 0.4242 | 3946 |
| 1 chrA1.185088G | A | 0.2669 | 3998 |
| 1 chrA1.185208G | A | 0.4205 | 4002 |
| 1 chrA1.185232A | G | 0.4293 | 3962 |
| 1 chrA1.185267A | G | 0.04352 | 3998 |
| 1 chrA1.185335A | G | 0.4583 | 4006 |
| 1 chrA1.185359C | A | 0.444 | 4000 |
| 1 chrA1.185435A | G | 0.3459 | 3868 |
| 1 chrA1.185469G | A | 0.001497 | 4008 |
| 1 chrUn.544909G | A | 0.4343 | 4002 |
| 1 chrA1.185520A | C | 0.2828 | 3992 |
| 1 chrA1.185555A | G | 0.2219 | 4010 |
| 1 chrA1.185598A | G | 0.1045 | 4008 |
| 1 chrA1.185652A | C | 0.1638 | 3998 |
| 1 chrA1.185680A | G | 0.2541 | 4002 |
| 1 chrA1.185714C | A | 0.1018 | 4006 |
| 1 chrA1.185744A | G | 0.4035 | 3998 |
| 1 chrA1.185855G | A | 0.1957 | 3980 |
| 1 chrA1.185984A | G | 0.1976 | 3826 |
| 1 chrA1.186008C | A | 0.04264 | 4010 |
| 1 chrA1.186069A | G | 0.3401 | 3984 |
| 1 chrE2.379164G | A | 0.3415 | 3994 |
| 1 chrA1.186099G | A | 0.2837 | 3912 |
| 1 chrA1.186178G | A | 0.05791 | 4006 |
| 1 chrA1.186207G | A | 0.2844 | 3984 |
| 1 chrA1.186250A | G | 0.01672 | 4008 |
| 1 chrA1.186279G | A | 0.01547 | 4008 |
| 1 chrA1.186330A | G | 0.1335 | 4006 |
| 1 chrA1.186398A | G | 0.1926 | 4008 |
| 1 chrA1.186419G | A | 0.03144 | 4008 |
| 1 chrA1.186428G | A | 0.4507 | 4000 |
| 1 chrA1.186522A | G | 0.01997 | 4006 |
| 1 chrA1.186547A | G | 0.4925 | 3998 |
| 1 chrA1.186621A | G | 0.3161 | 3882 |
| 1 chrA1.186668G | A | 0.2315 | 3996 |
| 1 chrA1.186706A | G | 0.05734 | 3994 |
| 1 chrA1.186748G | A | 0.03965 | 4010 |
| 1 chrA1.186786A | G | 0.1061 | 4006 |

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| 1 chrA1.186838G | A | 0.247 | 4004 |
| 1 chrA1.186927A | G | 0.03058 | 3826 |
| 1 chrA1.186976A | G | 0.464 | 4002 |
| 1 chrA1.187017A | C | 0.02901 | 3998 |
| 1 chrUn.340663A | G | 0.3457 | 3986 |
| 1 chrA1.187045G | A | 0.1894 | 3954 |
| 1 chrA1.187070A | G | 0.1704 | 3990 |
| 1 chrA1.187117A | G | 0.00025 | 4000 |
| 1 chrA1.187158G | A | 0.2643 | 3916 |
| 1 chrA1.187228A | G | 0.1111 | 4004 |
| 1 chrA1.187275A | G | 0.1011 | 4006 |
| 1 chrA1.187347A | C | 0.3938 | 3906 |
| 1 chrA1.187407G | A | 0.2051 | 3984 |
| 1 chrA1.187437C | A | 0.2341 | 3968 |
| 1 chrA1.187485A | G | 0.485 | 3998 |
| 1 chrA1.187538G | A | 0.05439 | 4008 |
| 1 chrA1.187598A | G | 0.2203 | 3826 |
| 1 chrA1.187755A | G | 0.4449 | 3974 |
| 1 chrA1.187798A | G | 0.01848 | 4004 |
| 1 chrA1.187845A | G | 0.4255 | 4000 |
| 1 chrA1.187887 | 0 A | 0 | 4008 |
| 1 chrA1.187903A | C | 0.04371 | 4004 |
| 1 chrA1.187945G | A | 0.3665 | 3994 |
| 1 chrA1.187979C | A | 0.09202 | 4010 |
| 1 chrA1.188026A | G | 0.1398 | 3990 |
| 1 chrA1.188059G | A | 0.4725 | 3998 |
| 1 chrA1.188083G | A | 0.3716 | 4002 |
| 1 chrA1.188111A | G | 0.3341 | 3972 |
| 1 chrA1.188151A | G | 0.297 | 3936 |
| 1 chrA1.188151G | A | 0.00999 | 4004 |
| 1 chrA1.188219G | A | 0.1664 | 3990 |
| 1 chrA1.188251A | G | 0.229 | 4000 |
| 1 chrA1.188307A | G | 0.2601 | 4002 |
| 1 chrA1.188331A | C | 0.03991 | 3984 |
| 1 chrA1.188405A | G | 0.03373 | 4002 |
| 1 chrA1.188451A | G | 0.05834 | 3994 |
| 1 chrA1.188477A | G | 0.2616 | 3998 |
| 1 chrA1.188508A | G | 0.3901 | 3976 |
| 1 chrA1.188547G | A | 0.3338 | 3988 |
| 1 chrA1.188575A | G | 0.04096 | 4004 |
| 1 chrA1.188620G | A | 0.04067 | 4008 |

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| 1 chrA1.188659A | G | 0.05789 | 3662 |
| 1 chrUn.673547A | G | 0.06701 | 3880 |
| 1 chrA1.188703G | A | 0.4089 | 4008 |
| 1 chrA1.188746G | A | 0.3208 | 3896 |
| 1 chrA1.188799A | C | 0.3935 | 4000 |
| 1 chrA1.188846A | G | 0.3609 | 3960 |
| 1 chrA1.188885A | G | 0.3543 | 3994 |
| 1 chrA1.189024A | C | 0.04019 | 4006 |
| 1 chrA1.189059A | C | 0.3123 | 3974 |
| 1 chrA1.189116G | A | 0.3228 | 3940 |
| 1 chrA1.189148A | G | 0.3638 | 3942 |
| 1 chrUn.706058G | A | 0.2368 | 4000 |
| 1 chrA1.189254A | G | 0.1061 | 3676 |
| 1 chrA1.189298A | G | 0.164 | 3958 |
| 1 chrA1.189324A | G | 0.09434 | 3996 |
| 1 chrA1.189446G | A | 0.4338 | 4004 |
| 1 chrA1.189517G | A | 0.447 | 4002 |
| 1 chrA1.189547C | A | 0.3463 | 3974 |
| 1 chrA1.189588A | G | 0.3484 | 4004 |
| 1 chrA1.189634A | C | 0.03773 | 3976 |
| 1 chrA1.189669A | G | 0.06447 | 4002 |
| 1 chrA1.189796A | G | 0.1762 | 4002 |
| 1 chrA2.341534A | G | 0.2945 | 4004 |
| 1 chrA1.189818A | G | 0.005514 | 3990 |
| 1 chrA1.189867A | G | 0.4472 | 3976 |
| 1 chrUn.734444C | A | 0.0002496 | 4006 |
| 1 chrA1.189983G | A | 0.1381 | 3996 |
| 1 chrA1.190017A | G | 0.4933 | 4000 |
| 1 chrA1.190037A | C | 0.05168 | 3986 |
| 1 chrA1.190085A | G | 0.197 | 3884 |
| 1 chrA1.190109G | A | 0.2265 | 3982 |
| 1 chrA1.190155A | G | 0.23 | 3956 |
| 1 chrUn.204136A | G | 0.371 | 3992 |
| 1 chrA1.190196G | A | 0.1356 | 3990 |
| 1 chrA1.190243G | A | 0.3367 | 3956 |
| 1 chrA1.190277C | A | 0.4997 | 3994 |
| 1 chrA1.190354G | A | 0.1141 | 4006 |
| 1 chrA1.190564A | G | 0.03006 | 3992 |
| 1 chrA1.190654A | C | 0.288 | 3996 |
| 1 chrA1.190725A | G | 0.2659 | 3712 |
| 1 chrA1.190754A | G | 0.2763 | 3956 |

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| 1 chrA1.190794A | G | 0.324 | 3994 |
| 1 chrA1.190818C | A | 0.3022 | 3892 |
| 1 chrA1.190826A | G | 0.3931 | 3986 |
| 1 chrA1.190905G | A | 0.2744 | 3968 |
| 1 chrA1.190982A | G | 0.202 | 4004 |
| 1 chrA1.191008A | C | 0.2845 | 3972 |
| 1 chrA1.191155A | G | 0.3654 | 3998 |
| 1 chrA1.191223C | A | 0.1928 | 4010 |
| 1 chrA1.191319G | A | 0.1456 | 4004 |
| 1 chrA1.191364G | A | 0.287 | 4004 |
| 1 chrA1.191414A | G | 0.49 | 3888 |
| 1 chrA1.191451A | G | 0.185 | 3952 |
| 1 chrA1.191465G | A | 0.4001 | 4004 |
| 1 chrA1.191481A | G | 0.2092 | 3886 |
| 1 chrA1.191577G | A | 0.102 | 3960 |
| 1 chrA1.191632A | G | 0.3197 | 3944 |
| 1 chrA1.191674G | A | 0.4276 | 3978 |
| 1 chrA1.191713C | A | 0.136 | 3942 |
| 1 chrA1.191761C | A | 0.1335 | 3940 |
| 1 chrA1.191784G | A | 0.2971 | 3982 |
| 1 chrA1.191866G | A | 0.4265 | 3998 |
| 1 chrA1.191916C | A | 0.1085 | 3980 |
| 1 chrA1.191945A | C | 0.2835 | 3982 |
| 1 chrA1.191969A | G | 0.03732 | 3966 |
| 1 chrA1.192006A | G | 0.3329 | 3992 |
| 1 chrA1.192034G | A | 0.4657 | 3990 |
| 1 chrA1.192074A | G | 0.2057 | 3972 |
| 1 chrA1.192162A | G | 0.1779 | 3732 |
| 1 chrA1.192189G | A | 0.4095 | 3998 |
| 1 chrA1.192219G | A | 0.1106 | 4004 |
| 1 chrA1.192282A | G | 0.1366 | 3908 |
| 1 chrA1.192341G | A | 0.0009975 | 4010 |
| 1 chrA1.192350G | A | 0.4545 | 3872 |
| 1 chrA1.192386A | G | 0.1848 | 4004 |
| 1 chrA1.192419A | G | 0.1381 | 3996 |
| 1 chrA1.192452A | C | 0.1196 | 3998 |
| 1 chrA1.192484G | A | 0.4167 | 3926 |
| 1 chrA1.192513A | G | 0.2726 | 3966 |
| 1 chrA1.192559G | A | 0.3867 | 3990 |
| 1 chrA1.192602G | A | 0.2082 | 4000 |
| 1 chrA1.192715C | A | 0.2311 | 3998 |

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| 1 chrA1.192745A | G | 0.134 | 4000 |
| 1 chrA1.192785A | G | 0.4749 | 3986 |
| 1 chrA1.192816A | G | 0.4705 | 4004 |
| 1 chrA1.192856A | G | 0.3975 | 4008 |
| 1 chrA1.192892C | A | 0.3961 | 3610 |
| 1 chrA1.192948G | A | 0.293 | 3918 |
| 1 chrA1.192986A | G | 0.1697 | 4006 |
| 1 chrA1.193029A | G | 0.283 | 3964 |
| 1 chrA1.193116A | G | 0.282 | 3996 |
| 1 chrA1.193185A | G | 0.2168 | 4004 |
| 1 chrA1.193210A | C | 0.2709 | 3906 |
| 1 chrA1.193226A | G | 0.3414 | 3846 |
| 1 chrA1.193265C | A | 0.04643 | 4006 |
| 1 chrA1.193294A | C | 0.019 | 3842 |
| 1 chrA1.193347A | G | 0.2519 | 4002 |
| 1 chrA1.193382A | C | 0.4882 | 3982 |
| 1 chrA1.193436A | G | 0.1059 | 4002 |
| 1 chrA1.193474G | A | 0.2512 | 4008 |
| 1 chrA1.193508G | A | 0.2865 | 3882 |
| 1 chrA1.193535G | A | 0.03612 | 3848 |
| 1 chrA1.193578A | G | 0.1378 | 3978 |
| 1 chrA1.193614A | G | 0.4467 | 3998 |
| 1 chrA1.193656G | A | 0.4531 | 3988 |
| 1 chrA1.193735A | C | 0.2491 | 3962 |
| 1 chrA1.193865A | C | 0.2357 | 4000 |
| 1 chrA1.193896A | G | 0.2376 | 3998 |
| 1 chrA1.193941A | G | 0.2031 | 3994 |
| 1 chrA1.194005A | G | 0.109 | 3972 |
| 1 chrA1.194036A | G | 0.3576 | 4004 |
| 1 chrA1.194111A | G | 0.4947 | 3932 |
| 1 chrA1.194175A | G | 0.4742 | 3910 |
| 1 chrA1.194235A | C | 0.1551 | 3998 |
| 1 chrA1.194275C | A | 0.09355 | 3998 |
| 1 chrA1.194325G | A | 0.2036 | 3988 |
| 1 chrA1.194370G | A | 0.09345 | 4002 |
| 1 chrA1.194407G | A | 0.1585 | 4000 |
| 1 chrA1.194492A | G | 0.4568 | 4006 |
| 1 chrA1.194527A | G | 0.2439 | 4002 |
| 1 chrA1.194552A | G | 0.2731 | 3896 |
| 1 chrA1.194584A | G | 0.001497 | 4008 |
| 1 chrA1.194615G | A | 0.01399 | 4004 |

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| 1 chrA1.194639A | G | 0.05439 | 3898 |
| 1 chrA1.194666G | A | 0.2724 | 3976 |
| 1 chrA1.194695A | C | 0.02071 | 4008 |
| 1 chrA1.194728A | G | 0.0002494 | 4010 |
| 1 chrA1.194735A | G | 0.2768 | 3782 |
| 1 chrA1.194759G | A | 0.3701 | 3956 |
| 1 chrA1.194786A | G | 0.08587 | 4006 |
| 1 chrA1.194817G | A | 0.3237 | 3948 |
| 1 chrA1.194850C | A | 0.1776 | 3992 |
| 1 chrA1.194876A | G | 0.07617 | 4004 |
| 1 chrA1.194937A | G | 0.2728 | 3992 |
| 1 chrA1.194971G | A | 0.04021 | 4004 |
| 1 chrA1.194996G | A | 0.01648 | 4004 |
| 1 chrA1.195039G | A | 0.2698 | 4006 |
| 1 chrA1.195071A | G | 0.06745 | 3736 |
| 1 chrA1.195199A | G | 0.04589 | 4010 |
| 1 chrA1.195239G | A | 0.1026 | 4006 |
| 1 chrA1.195277G | A | 0.4428 | 4004 |
| 1 chrA1.195401C | A | 0.439 | 3740 |
| 1 chrA1.195425A | G | 0.3778 | 4000 |
| 1 chrA1.195465G | A | 0.2223 | 3982 |
| 1 chrA1.195489G | A | 0.187 | 3984 |
| 1 chrA1.195530A | G | 0.002274 | 3958 |
| 1 chrA1.195530A | G | 0.3854 | 3998 |
| 1 chrA1.195538G | A | 0.2196 | 4002 |
| 1 chrA1.195588G | A | 0.4925 | 3750 |
| 1 chrA1.195710G | A | 0.01148 | 4006 |
| 1 chrF1.718521A | G | 0.1238 | 3990 |
| 1 chrA1.195738C | A | 0.3574 | 3968 |
| 1 chrA1.195764C | A | 0.009027 | 3988 |
| 1 chrA1.195815A | G | 0.234 | 4004 |
| 1 chrA1.195841A | G | 0.2637 | 3952 |
| 1 chrA1.195926A | G | 0.004119 | 3884 |
| 1 chrA1.195951A | G | 0.1425 | 4000 |
| 1 chrA1.196019G | A | 0.1613 | 3856 |
| 1 chrA1.196050G | A | 0.2725 | 4008 |
| 1 chrA1.196085G | A | 0.2797 | 3972 |
| 1 chrA1.196120A | C | 0.4503 | 3820 |
| 1 chrA1.196195C | A | 0.3754 | 3636 |
| 1 chrA1.196257G | A | 0.3399 | 3992 |
| 1 chrA1.196300A | C | 0.3887 | 3990 |

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| 1 chrA1.196327A | C | 0.2795 | 3954 |
| 1 chrA1.196380T | A | 0.25 | 3816 |
| 1 chrA1.196415A | G | 0.1605 | 4000 |
| 1 chrA1.196471G | A | 0.05494 | 3968 |
| 1 chrA1.196500A | C | 0.1717 | 3942 |
| 1 chrA1.196591A | G | 0.272 | 3992 |
| 1 chrA1.196617A | C | 0.3324 | 3992 |
| 1 chrA1.196662A | G | 0.3596 | 3996 |
| 1 chrA1.196716A | G | 0.0487 | 4004 |
| 1 chrA1.196745G | A | 0.2597 | 3982 |
| 1 chrA1.196767G | A | 0.2677 | 3994 |
| 1 chrA1.196792A | G | 0.3301 | 3990 |
| 1 chrA1.196820G | A | 0.3703 | 3816 |
| 1 chrA1.196860A | G | 0.3708 | 3940 |
| 1 chrA1.196886G | A | 0.05025 | 4000 |
| 1 chrA1.196914A | G | 0.2405 | 4000 |
| 1 chrA1.196945A | G | 0.3953 | 3994 |
| 1 chrA1.196987A | G | 0.2369 | 3934 |
| 1 chrA1.197015A | G | 0.3622 | 3990 |
| 1 chrA1.197048G | A | 0.26 | 3850 |
| 1 chrA1.197109A | G | 0.2838 | 3960 |
| 1 chrA1.197136G | A | 0.2764 | 3984 |
| 1 chrA1.197168G | A | 0.1052 | 3994 |
| 1 chrA1.197168G | A | 0.1395 | 4008 |
| 1 chrA1.197234 | 0 G | 0 | 3984 |
| 1 chrA1.197266A | G | 0.496 | 3996 |
| 1 chrA1.197298C | A | 0.3389 | 3992 |
| 1 chrA1.197330A | G | 0.2707 | 4008 |
| 1 chrA1.197375A | C | 0.1511 | 3792 |
| 1 chrA1.197399A | G | 0.4567 | 4000 |
| 1 chrA1.197430A | G | 0.4699 | 3988 |
| 1 chrA1.197505A | G | 0.2761 | 3952 |
| 1 chrA1.197566A | G | 0.0628 | 3790 |
| 1 chrA1.197605A | G | 0.1859 | 3960 |
| 1 chrA1.197641G | A | 0.4037 | 3998 |
| 1 chrA1.197745A | G | 0.1249 | 3994 |
| 1 chrA1.197787A | G | 0.04868 | 4006 |
| 1 chrA1.197818G | A | 0.3831 | 3780 |
| 1 chrA1.197847A | G | 0.4435 | 3998 |
| 1 chrA1.197872A | G | 0.2905 | 3990 |
| 1 chrA1.197896A | G | 0.2871 | 4002 |

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| 1 chrA1.197903A | G | 0.1129 | 3996 |
| 1 chrA1.197934A | G | 0.0913 | 3932 |
| 1 chrA1.197938A | G | 0.4957 | 3994 |
| 1 chrA1.197973G | A | 0.1108 | 4000 |
| 1 chrA1.198047C | A | 0.0007485 | 4008 |
| 1 chrA1.198088A | C | 0.4687 | 3988 |
| 1 chrA1.198118C | A | 0.05844 | 4004 |
| 1 chrA1.198159G | A | 0.001996 | 4008 |
| 1 chrA1.198192A | G | 0.3361 | 3960 |
| 1 chrA1.198220A | C | 0.04589 | 3944 |
| 1 chrA1.198348A | G | 0.4577 | 3998 |
| 1 chrA1.198380G | A | 0.332 | 4000 |
| 1 chrA1.198406A | G | 0.1587 | 3818 |
| 1 chrUn.598610A | G | 0.4942 | 3998 |
| 1 chrA1.198459A | C | 0.1617 | 4008 |
| 1 chrA1.198520A | G | 0.1248 | 4006 |
| 1 chrA1.198579A | G | 0.4314 | 3982 |
| 1 chrA1.198588G | A | 0.2511 | 3990 |
| 1 chrA1.198719A | G | 0.3591 | 3996 |
| 1 chrA1.198761G | A | 0.3292 | 4000 |
| 1 chrA1.198770A | G | 0.2572 | 4008 |
| 1 chrA1.198789G | A | 0.2161 | 3966 |
| 1 chrA1.198816C | A | 0.4212 | 3972 |
| 1 chrA1.198861G | A | 0.07816 | 3992 |
| 1 chrA1.198960A | G | 0.01373 | 4006 |
| 1 chrA1.199006A | G | 0.4818 | 4008 |
| 1 chrA1.199033G | A | 0.05217 | 4006 |
| 1 chrA1.199069A | C | 0.1678 | 3946 |
| 1 chrA1.199096A | G | 0.2577 | 3884 |
| 1 chrA1.199133A | G | 0.09686 | 3954 |
| 1 chrA1.199189C | A | 0.005282 | 3976 |
| 1 chrA1.199219A | G | 0.454 | 4002 |
| 1 chrA1.199299G | A | 0.3745 | 3960 |
| 1 chrA1.199329 | 0 A | 0 | 4004 |
| 1 chrA1.199343A | C | 0.05209 | 3974 |
| 1 chrB1.190072A | G | 0.05105 | 3996 |
| 1 chrA1.199372C | A | 0.1874 | 4008 |
| 1 chrA1.199473A | C | 0.3039 | 3754 |
| 1 chrA1.199510A | C | 0.3793 | 3936 |
| 1 chrA1.199598A | G | 0.3277 | 3934 |
| 1 chrA1.199606G | A | 0.04795 | 4004 |

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| 1 chrA1.199635A | G | 0.4695 | 4006 |
| 1 chrA1.199697A | G | 0.06053 | 3998 |
| 1 chrUn.746305C | A | 0.0007496 | 4002 |
| 1 chrUn.770505G | A | 0.05288 | 3952 |
| 1 chrA1.199805A | G | 0.2888 | 3944 |
| 1 chrA1.199832G | A | 0.4607 | 3916 |
| 1 chrA1.199885G | A | 0.002247 | 4006 |
| 1 chrA1.199932C | A | 0.002496 | 4006 |
| 1 chrA1.199962A | G | 0.236 | 4004 |
| 1 chrA1.200002A | G | 0.0927 | 3970 |
| 1 chrA1.200035G | A | 0.0595 | 4000 |
| 1 chrA1.200055C | A | 0.191 | 3964 |
| 1 chrA1.200091A | G | 0.298 | 4000 |
| 1 chrA1.200148A | G | 0.3504 | 3996 |
| 1 chrUn.751645A | G | 0.2397 | 3942 |
| 1 chrA1.200185G | A | 0.408 | 3990 |
| 1 chrA1.200238A | C | 0.1493 | 4006 |
| 1 chrA1.200272C | A | 0.1058 | 3988 |
| 1 chrA1.200312A | G | 0.2399 | 4006 |
| 1 chrA1.200375A | G | 0.4845 | 3948 |
| 1 chrA1.200426A | G | 0.1257 | 4010 |
| 1 chrA1.200452A | G | 0.1709 | 4008 |
| 1 chrA1.200475G | A | 0.1424 | 4004 |
| 1 chrA1.200505A | G | 0.02402 | 3872 |
| 1 chrA1.200515A | G | 0.16 | 3832 |
| 1 chrA1.200562A | G | 0.03219 | 4008 |
| 1 chrA1.200571G | A | 0.1581 | 3992 |
| 1 chrA1.200632G | A | 0.4987 | 3992 |
| 1 chrA1.200684C | A | 0.1577 | 3938 |
| 1 chrA1.200824A | G | 0.4317 | 3980 |
| 1 chrA1.200864A | G | 0.05966 | 3872 |
| 1 chrA1.200916A | G | 0.2232 | 3996 |
| 1 chrA1.201002A | G | 0.1858 | 3998 |
| 1 chrA1.201032A | G | 0.137 | 3912 |
| 1 chrA1.201115G | A | 0.4235 | 4000 |
| 1 chrA1.201146A | G | 0.173 | 4000 |
| 1 chrA1.201167G | A | 0.3812 | 3930 |
| 1 chrA1.201224G | A | 0.3772 | 3982 |
| 1 chrA1.201262A | G | 0.08735 | 3858 |
| 1 chrA1.201296A | G | 0.2954 | 3984 |
| 1 chrA1.201326G | A | 0.2917 | 3980 |

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| 1 chrA1.201411A | G | 0.2769 | 3998 |
| 1 chrA1.201436G | A | 0.3191 | 4008 |
| 1 chrA1.201482G | A | 0.1704 | 4002 |
| 1 chrA1.201545A | G | 0.2151 | 3998 |
| 1 chrA1.201570G | A | 0.2013 | 3954 |
| 1 chrA1.201602A | G | 0.4438 | 4004 |
| 1 chrA1.201642A | G | 0.2268 | 4004 |
| 1 chrA1.201671A | G | 0.4518 | 4002 |
| 1 chrA1.201697A | G | 0.4385 | 4000 |
| 1 chrA1.201725G | A | 0.4547 | 3994 |
| 1 chrA1.201755G | A | 0.08121 | 4002 |
| 1 chrA1.201775G | A | 0.2973 | 4000 |
| 1 chrA1.201787A | G | 0.2903 | 3776 |
| 1 chrA1.201825G | A | 0.07229 | 3970 |
| 1 chrA1.201891A | G | 0.06347 | 4002 |
| 1 chrA1.201948A | G | 0.2623 | 3992 |
| 1 chrA1.201985A | G | 0.1965 | 3990 |
| 1 chrA1.202035G | A | 0.4432 | 3982 |
| 1 chrA1.202077A | G | 0.1606 | 3986 |
| 1 chrA1.202105A | G | 0.4471 | 4004 |
| 1 chrX.1556686A | G | 0.4982 | 3996 |
| 1 chrA1.202195A | G | 0.1687 | 4006 |
| 1 chrA1.202222A | G | 0.1466 | 3828 |
| 1 chrA1.202245A | G | 0.137 | 3956 |
| 1 chrA1.202305G | A | 0.415 | 3860 |
| 1 chrA1.202357A | G | 0.1734 | 4008 |
| 1 chrA1.202395G | A | 0.3643 | 3994 |
| 1 chrA1.202445G | A | 0.1105 | 3972 |
| 1 chrA1.202494A | G | 0.2157 | 4000 |
| 1 chrA1.202540A | G | 0.305 | 4006 |
| 1 chrA1.202576G | A | 0.1948 | 3988 |
| 1 chrA1.202625A | G | 0.1927 | 3996 |
| 1 chrA1.202655A | G | 0.1478 | 4006 |
| 1 chrA1.202714G | A | 0.1883 | 4000 |
| 1 chrA1.202740G | A | 0.194 | 3994 |
| 1 chrA1.202795G | A | 0.198 | 4006 |
| 1 chrUn3.65550G | A | 0.1982 | 4002 |
| 1 chrUn3.64957G | A | 0.3049 | 3998 |
| 1 chrUn3.64501A | G | 0.1697 | 4008 |
| 1 chrUn3.63158A | G | 0.095 | 4000 |
| 1 chrUn3.62624G | A | 0.1802 | 4006 |

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| 1 chrUn3.6216 | A | G | 0.1589 | 4002 |
| 1 chrUn3.6195 | A | G | 0.06569 | 3958 |
| 1 chrUn3.6178 | A | G | 0.3715 | 3960 |
| 1 chrUn3.6148 | G | A | 0.0542 | 4004 |
| 1 chrUn3.6116 | G | A | 0.3254 | 4004 |
| 1 chrUn3.6092 | C | A | 0.2388 | 4004 |
| 1 chrUn3.6079 | G | A | 0.1807 | 4002 |
| 1 chrUn3.6076 | | 0 A | 0 | 4010 |
| 1 chrUn3.6022 | G | A | 0.2193 | 3876 |
| 1 chrUn3.5882 | A | G | 0.1752 | 3922 |
| 1 chrUn3.5817 | A | G | 0.1665 | 4006 |
| 1 chrUn3.5764 | A | G | 0.1407 | 3824 |
| 1 chrUn3.5739 | C | A | 0.3163 | 3958 |
| 1 chrUn3.5662 | G | A | 0.1402 | 3988 |
| 1 chrUn3.5616 | A | C | 0.1614 | 4002 |
| 1 chrUn.13176 | G | A | 0.1362 | 3972 |
| 1 chrUn3.5545 | A | G | 0.395 | 3934 |
| 1 chrUn3.5417 | G | A | 0.05523 | 3784 |
| 1 chrUn3.5385 | G | A | 0.4045 | 4000 |
| 1 chrUn3.5333 | A | G | 0.104 | 3992 |
| 1 chrUn3.5264 | A | G | 0.0784 | 3916 |
| 1 chrUn3.5225 | G | A | 0.1645 | 3970 |
| 1 chrUn3.5201 | A | G | 0.142 | 3972 |
| 1 chrUn3.5121 | G | A | 0.000499 | 4008 |
| 1 chrUn3.5059 | C | A | 0.2816 | 3998 |
| 1 chrUn3.5025 | A | G | 0.2456 | 3942 |
| 1 chrUn3.4940 | A | G | 0.4432 | 3996 |
| 1 chrUn3.4893 | C | A | 0.3949 | 3996 |
| 1 chrUn3.4844 | G | A | 0.1164 | 3996 |
| 1 chrUn3.4787 | G | A | 0.2559 | 3908 |
| 1 chrUn3.4752 | A | G | 0.0004993 | 4006 |
| 1 chrUn3.4708 | A | G | 0.3036 | 3936 |
| 1 chrUn3.4656 | C | A | 0.0004988 | 4010 |
| 1 chrUn3.4647 | C | A | 0.2107 | 3920 |
| 1 chrUn3.4548 | G | A | 0.1608 | 3944 |
| 1 chrUn3.4493 | A | C | 0.3079 | 4004 |
| 1 chrUn3.4452 | A | C | 0.0479 | 4008 |
| 1 chrUn3.4412 | G | A | 0.063 | 4000 |
| 1 chrUn3.4365 | A | G | 0.4003 | 4002 |
| 1 chrUn.49700 | A | C | 0.279 | 3886 |
| 1 chrUn3.4314 | G | A | 0.3363 | 3952 |

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| 1 chrD4.36674 | A | G | 0.0942 | 4002 |
| 1 chrUn3.4258 | A | C | 0.09036 | 4006 |
| 1 chrUn3.4203 | A | C | 0.4395 | 4000 |
| 1 chrUn3.4164 | A | G | 0.05642 | 4006 |
| 1 chrUn3.4083 | A | G | 0.09045 | 4002 |
| 1 chrUn3.4027 | A | G | 0.2947 | 3990 |
| 1 chrUn3.3993 | A | G | 0.2999 | 3998 |
| 1 chrUn3.3937 | A | G | 0.07117 | 3906 |
| 1 chrUn3.3862 | A | G | 0.2737 | 3990 |
| 1 chrUn3.3796 | A | G | 0.06325 | 3984 |
| 1 chrUn3.3771 | A | G | 0.1529 | 3976 |
| 1 chrUn3.3727 | A | C | 0.08379 | 3986 |
| 1 chrUn3.3686 | A | G | 0.148 | 3994 |
| 1 chrUn3.3662 | A | G | 0.09661 | 3830 |
| 1 chrUn3.3593 | A | G | 0.3312 | 3986 |
| 1 chrUn3.3541 | A | C | 0.1128 | 4006 |
| 1 chrUn3.3500 | A | G | 0.4218 | 3990 |
| 1 chrUn3.3443 | A | G | 0.001747 | 4008 |
| 1 chrUn3.3401 | A | C | 0.000998 | 4008 |
| 1 chrUn.68600 | A | G | 0.1259 | 3812 |
| 1 chrUn3.3343 | A | G | 0.0999 | 3954 |
| 1 chrUn3.3309 | A | G | 0.2025 | 3832 |
| 1 chrUn3.3239 | A | C | 0 | 4010 |
| 1 chrUn3.3207 | A | G | 0.4173 | 4000 |
| 1 chrA1.20928 | A | C | 0.06149 | 3968 |
| 1 chrA1.20926 | A | C | 0.001761 | 3974 |
| 1 chrA1.20921 | A | G | 0.4798 | 4004 |
| 1 chrA1.20917 | A | G | 0.3136 | 4008 |
| 1 chrA1.20911 | A | G | 0.2301 | 3994 |
| 1 chrA1.20911 | A | C | 0.1041 | 3996 |
| 1 chrA1.20908 | A | C | 0.4256 | 4006 |
| 1 chrUn.12925 | A | G | 0.1811 | 3992 |
| 1 chrA1.20903 | A | G | 0.1177 | 3976 |
| 1 chrA1.20899 | A | G | 0.3634 | 3938 |
| 1 chrA1.20893 | A | C | 0.1831 | 3894 |
| 1 chrA1.20886 | A | G | 0.03248 | 4002 |
| 1 chrA1.20881 | A | G | 0.181 | 4006 |
| 1 chrA1.20876 | A | G | 0.1857 | 3996 |
| 1 chrA1.20872 | A | G | 0.3943 | 3944 |
| 1 chrA1.20869 | A | G | 0.0495 | 4000 |
| 1 chrA1.20854 | A | G | 0.03195 | 4006 |

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| 1 chrA1.208490A | G | 0.04747 | 3960 |
| 1 chrA1.208464A | C | 0.4839 | 3972 |
| 1 chrA1.208417A | G | 0.3939 | 4004 |
| 1 chrA1.208377G | A | 0.4247 | 3998 |
| 1 chrA1.208314C | A | 0.4372 | 3984 |
| 1 chrA1.208275A | C | 0.2297 | 3974 |
| 1 chrA1.208197A | G | 0.3934 | 3960 |
| 1 chrA1.208158G | A | 0.1896 | 3834 |
| 1 chrA1.208117A | G | 0.1037 | 3906 |
| 1 chrA1.208075G | A | 0.468 | 3998 |
| 1 chrA1.208047G | A | 0.03575 | 3972 |
| 1 chrA1.208017G | A | 0.08962 | 4006 |
| 1 chrA1.207920A | G | 0.09626 | 4010 |
| 1 chrA1.207849A | G | 0.242 | 3996 |
| 1 chrA1.207819A | G | 0.05875 | 4000 |
| 1 chrA1.207764G | A | 0.1212 | 3968 |
| 1 chrA1.207728A | G | 0.2931 | 3978 |
| 1 chrA1.207699G | A | 0.4643 | 3868 |
| 1 chrA1.207656A | G | 0.1147 | 4002 |
| 1 chrA1.207604A | G | 0.07335 | 4008 |
| 1 chrA1.207556A | G | 0.3427 | 3998 |
| 1 chrA1.207518A | C | 0.002244 | 4010 |
| 1 chrA1.207489A | G | 0.000499 | 4008 |
| 1 chrA1.207466A | G | 0.1737 | 4002 |
| 1 chrA1.207405G | A | 0.1355 | 3984 |
| 1 chrA1.207367A | C | 0.3923 | 4002 |
| 1 chrA1.207275A | G | 0.3253 | 3990 |
| 1 chrA1.207211C | A | 0.07567 | 4004 |
| 1 chrA1.207139G | A | 0.2621 | 3956 |
| 1 chrA1.207135A | G | 0.0452 | 3916 |
| 1 chrA1.207096A | G | 0.427 | 4000 |
| 1 chrA1.207070C | A | 0.0439 | 3986 |
| 1 chrA1.207004A | G | 0.08022 | 3752 |
| 1 chrA1.206961G | A | 0.02628 | 3996 |
| 1 chrA1.206934A | C | 0.1662 | 3990 |
| 1 chrA1.206875C | A | 0.1898 | 3994 |
| 1 chrA1.206840A | G | 0.4023 | 4002 |
| 1 chrA1.206791A | G | 0.02307 | 3944 |
| 1 chrA1.206752C | A | 0.3513 | 4002 |
| 1 chrA1.206714A | G | 0.07671 | 4002 |
| 1 chrA1.206649G | A | 0.3336 | 3984 |

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|-----------------|-----|-----------|------|
| 1 chrA1.206609G | A | 0.1987 | 4000 |
| 1 chrA1.206541A | G | 0.2754 | 3972 |
| 1 chrA1.206485A | C | 0.08333 | 3816 |
| 1 chrA1.206445A | G | 0.0004998 | 4002 |
| 1 chrA1.206416A | G | 0.3605 | 3944 |
| 1 chrA1.206377A | G | 0.02623 | 3888 |
| 1 chrA1.206356G | A | 0.3346 | 3936 |
| 1 chrA1.206342G | A | 0.3811 | 3996 |
| 1 chrA1.206315C | A | 0.2481 | 3946 |
| 1 chrA1.206266A | C | 0.1135 | 3984 |
| 1 chrA1.206227C | A | 0.1146 | 3996 |
| 1 chrA1.206197A | G | 0.0984 | 4004 |
| 1 chrA1.206165A | G | 0.4835 | 4000 |
| 1 chrA1.206137A | C | 0.1132 | 4002 |
| 1 chrA1.206094G | A | 0.1853 | 3998 |
| 1 chrA1.206076A | C | 0.3273 | 3990 |
| 1 chrA1.206005A | G | 0.1887 | 4000 |
| 1 chrA1.205927A | C | 0.212 | 3996 |
| 1 chrA1.205894C | A | 0.1824 | 3986 |
| 1 chrA1.205826A | C | 0.2214 | 3992 |
| 1 chrA1.205782A | C | 0.4362 | 3904 |
| 1 chrA1.205735C | A | 0.2743 | 3938 |
| 1 chrA1.205685A | G | 0.1211 | 3996 |
| 1 chrA1.205642A | C | 0.4239 | 3968 |
| 1 chrA1.205575G | A | 0.3699 | 3974 |
| 1 chrA1.205546G | A | 0.3459 | 3998 |
| 1 chrA1.205507G | A | 0.2976 | 4006 |
| 1 chrUn.579809A | G | 0.3067 | 3912 |
| 1 chrA1.205445C | A | 0.2027 | 3976 |
| 1 chrA1.205406G | A | 0.06412 | 4008 |
| 1 chrA1.205365A | C | 0.2513 | 3980 |
| 1 chrA1.205311G | A | 0.4985 | 3974 |
| 1 chrA1.205216A | G | 0.4711 | 3986 |
| 1 chrA1.205164G | A | 0.3751 | 3994 |
| 1 chrA1.205137A | G | 0.459 | 3858 |
| 1 chrA1.205115G | A | 0.3551 | 3960 |
| 1 chrA1.205075A | G | 0.05791 | 4006 |
| 1 chrA1.205055A | G | 0.122 | 4000 |
| 1 chrA1.205026G | 0 G | 0 | 3984 |
| 1 chrA1.204952C | A | 0.0322 | 4006 |
| 1 chrUn.167487A | G | 0.3769 | 4006 |

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| 1 chrA1.204917A | C | 0.4056 | 3984 |
| 1 chrA1.204816A | C | 0.1052 | 4002 |
| 1 chrA1.204762G | A | 0.001995 | 4010 |
| 1 chrA1.204735A | G | 0.06183 | 3946 |
| 1 chrA1.204594A | G | 0.3973 | 4002 |
| 1 chrUn.765717A | G | 0.3205 | 4006 |
| 1 chrA1.204344A | G | 0.4078 | 3946 |
| 1 chrA1.204308A | C | 0.487 | 3988 |
| 1 chrA1.204276A | G | 0.07375 | 4000 |
| 1 chrA1.204230C | A | 0.171 | 3900 |
| 1 chrUn15.6838G | A | 0.204 | 4004 |
| 1 chrA1.204170G | A | 0.01177 | 3992 |
| 1 chrA1.204096A | G | 0.4248 | 4004 |
| 1 chrA1.204066A | G | 0.1366 | 3996 |
| 1 chrA1.204041C | A | 0.1404 | 3996 |
| 1 chrA1.204015A | G | 0.03935 | 3964 |
| 1 chrA1.203991A | G | 0.04638 | 4010 |
| 1 chrA1.203947A | C | 0.1423 | 3984 |
| 1 chrA1.203897G | A | 0.004548 | 3958 |
| 1 chrA1.203800A | G | 0.03178 | 3776 |
| 1 chrA1.203776A | G | 0.04098 | 4002 |
| 1 chrA1.203747A | G | 0.1832 | 3880 |
| 1 chrA1.203692A | G | 0.4673 | 4006 |
| 1 chrA1.203645G | A | 0.3799 | 3946 |
| 1 chrA1.203620G | A | 0.4964 | 3890 |
| 1 chrA1.203575G | A | 0.1819 | 4008 |
| 1 chrA1.203528A | G | 0.05238 | 3818 |
| 1 chrA1.203496G | A | 0.4282 | 3970 |
| 1 chrA1.203450A | C | 0.04691 | 4008 |
| 1 chrA1.203339A | G | 0.1338 | 3998 |
| 1 chrA1.203278G | A | 0.2779 | 3998 |
| 1 chrA1.203246G | A | 0.2416 | 3998 |
| 1 chrA1.203206A | C | 0.02521 | 4006 |
| 1 chrA1.203180A | G | 0.471 | 4004 |
| 1 chrA1.203148C | A | 0.1602 | 4002 |
| 1 chrA1.203108A | G | 0.07207 | 4010 |
| 1 chrA1.202887A | G | 0.387 | 4000 |
| 1 chrA1.202856G | A | 0.1662 | 3976 |
| 1 chrUn3.31523G | A | 0.3508 | 3962 |
| 1 chrUn3.30783G | A | 0.267 | 3922 |
| 1 chrUn3.30261G | A | 0.3265 | 3994 |

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|---------------|---|-----|----------|------|
| 1 chrUn3.2980 | A | G | 0.1057 | 4010 |
| 1 chrUn3.2923 | A | G | 0.1828 | 4004 |
| 1 chrUn3.2870 | C | A | 0.09598 | 3834 |
| 1 chrUn3.2844 | A | G | 0.4918 | 4002 |
| 1 chrUn3.2695 | A | G | 0.3744 | 3902 |
| 1 chrUn3.2629 | A | G | 0.3799 | 4006 |
| 1 chrUn3.2522 | G | A | 0.2504 | 3998 |
| 1 chrUn3.2518 | G | A | 0.00251 | 3984 |
| 1 chrUn3.2491 | A | G | 0.2103 | 3990 |
| 1 chrUn3.2415 | A | G | 0.2947 | 3800 |
| 1 chrA2.12370 | A | G | 0.1879 | 4008 |
| 1 chrUn.51601 | C | A | 0.08279 | 3998 |
| 1 chrUn3.2283 | G | A | 0.098 | 4000 |
| 1 chrUn3.2257 | A | G | 0.08775 | 4000 |
| 1 chrUn3.2209 | A | G | 0.1393 | 3990 |
| 1 chrUn3.2178 | A | G | 0.3493 | 3988 |
| 1 chrUn.58193 | G | A | 0.002751 | 3998 |
| 1 chrUn3.2126 | A | G | 0.4597 | 3992 |
| 1 chrUn3.2092 | A | G | 0.341 | 3894 |
| 1 chrUn3.2051 | G | A | 0.04889 | 3948 |
| 1 chrUn3.2015 | G | A | 0.211 | 3976 |
| 1 chrUn3.1921 | G | A | 0.4303 | 3828 |
| 1 chrUn3.1881 | A | G | 0.04192 | 4008 |
| 1 chrUn3.1838 | | 0 C | 0 | 4008 |
| 1 chrUn3.1810 | G | A | 0.07286 | 3994 |
| 1 chrUn3.1794 | A | G | 0.3314 | 4004 |
| 1 chrUn3.1762 | A | G | 0.01573 | 4004 |
| 1 chrUn3.1738 | A | C | 0.01435 | 3764 |
| 1 chrUn3.1711 | A | G | 0.1047 | 3994 |
| 1 chrUn3.1628 | G | A | 0.3052 | 3988 |
| 1 chrUn3.1526 | C | A | 0.2837 | 4000 |
| 1 chrUn3.1488 | G | A | 0.1071 | 4004 |
| 1 chrUn3.1458 | G | A | 0.3167 | 4000 |
| 1 chrUn3.1405 | A | G | 0.4593 | 3958 |
| 1 chrUn3.1373 | A | G | 0.2615 | 3992 |
| 1 chrUn3.1311 | G | A | 0.2056 | 3998 |
| 1 chrUn3.1264 | A | C | 0.1184 | 3986 |
| 1 chrUn3.1213 | G | A | 0.285 | 3986 |
| 1 chrUn3.1163 | A | G | 0.1247 | 3994 |
| 1 chrUn3.1112 | G | A | 0.1247 | 3978 |
| 1 chrUn3.1083 | A | G | 0.1082 | 3668 |

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|-----------------|---|---------|------|
| 1 chrUn3.1023(G | A | 0.4672 | 3990 |
| 1 chrUn3.9737(A | G | 0.05103 | 3998 |
| 1 chrUn3.9243(A | G | 0.03043 | 3910 |
| 1 chrUn3.8970(A | G | 0.3435 | 4000 |
| 1 chrUn3.8854(G | A | 0.1012 | 4010 |
| 1 chrUn3.8665(C | A | 0.3181 | 3706 |
| 1 chrUn3.7656(G | A | 0.1001 | 3988 |
| 1 chrUn3.7361(A | G | 0.4589 | 3918 |
| 1 chrUn3.6857(G | A | 0.4343 | 4000 |
| 1 chrUn3.6602(A | G | 0.1349 | 3974 |
| 1 chrA1.21097(C | C | 0.2431 | 4002 |
| 1 chrA1.21095(G | G | 0.2314 | 4006 |
| 1 chrA1.21090(G | G | 0.03579 | 3996 |
| 1 chrA1.21087(C | A | 0.4607 | 3944 |
| 1 chrA1.21067(G | A | 0.4756 | 3928 |
| 1 chrA1.21064(G | G | 0.08045 | 3642 |
| 1 chrA1.21060(C | A | 0.2042 | 3942 |
| 1 chrA1.21055(G | G | 0.1898 | 4010 |
| 1 chrA1.21049(G | G | 0.1531 | 3990 |
| 1 chrA1.21046(G | A | 0.4071 | 3962 |
| 1 chrA1.21040(G | A | 0.2152 | 3996 |
| 1 chrA1.21034(C | A | 0.2787 | 3864 |
| 1 chrA1.21029(C | C | 0.2305 | 4004 |
| 1 chrA1.21026(G | A | 0.437 | 3998 |
| 1 chrA1.21024(G | A | 0.3779 | 3660 |
| 1 chrA1.21020(G | G | 0.1073 | 4006 |
| 1 chrA1.21015(G | A | 0.2042 | 3976 |
| 1 chrA1.21006(G | A | 0.1755 | 4000 |
| 1 chrA1.21002(G | A | 0.2112 | 3996 |
| 1 chrA1.20995(G | G | 0.2424 | 3990 |
| 1 chrA1.20980(G | G | 0.484 | 3996 |
| 1 chrA1.20969(G | A | 0.461 | 3998 |
| 1 chrA1.20962(G | A | 0.1016 | 4006 |
| 1 chrA1.20958(G | G | 0.369 | 4000 |
| 1 chrA1.20952(G | G | 0.08442 | 4004 |
| 1 chrA1.20950(C | G | 0.3733 | 3954 |
| 1 chrA1.20946(A | G | 0.08358 | 3996 |
| 1 chrA1.20939(G | G | 0.4015 | 3998 |
| 1 chrA1.20932(G | A | 0.4684 | 3930 |
| 1 chrUn3.5992(C | A | 0.2705 | 4004 |
| 1 chrUn3.5183(G | A | 0.0956 | 3996 |

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|-----------------|-----|-----------|------|
| 1 chrUn3.47583G | A | 0.04673 | 4002 |
| 1 chrUn3.44607G | A | 0.4327 | 3998 |
| 1 chrUn3.32464G | A | 0.16 | 3976 |
| 1 chrUn3.22447G | A | 0.08008 | 3996 |
| 1 chrUn3.20076G | A | 0.2978 | 3986 |
| 1 chrUn3.17259G | A | 0.2427 | 3992 |
| 1 chrUn3.14664G | A | 0.2439 | 3998 |
| 1 chrUn3.13947A | G | 0.2891 | 3954 |
| 1 chrUn3.10677G | A | 0.06593 | 4004 |
| 1 chrUn.416259G | A | 0.2312 | 4006 |
| 1 chrUn3.55014G | A | 0.1293 | 3966 |
| 1 chrUn3.23169A | G | 0.3672 | 3992 |
| 1 chrA1.211006A | G | 0.4891 | 3954 |
| 1 chrA1.211059G | A | 0.191 | 4000 |
| 1 chrA1.211097 | 0 G | 0 | 4004 |
| 1 chrA1.211149G | A | 0.05183 | 3994 |
| 1 chrA1.211186G | A | 0.309 | 3912 |
| 1 chrA1.211219A | G | 0.2981 | 3978 |
| 1 chrA1.211246A | G | 0.171 | 3982 |
| 1 chrA1.211272G | A | 0.4454 | 3996 |
| 1 chrA1.211308A | G | 0.4635 | 4002 |
| 1 chrA1.211383C | A | 0.3456 | 3932 |
| 1 chrA1.211427A | G | 0.1045 | 4008 |
| 1 chrA1.211461A | C | 0.3723 | 4002 |
| 1 chrA1.211509G | A | 0.473 | 4004 |
| 1 chrA1.211547A | G | 0.1931 | 3978 |
| 1 chrA1.211621G | A | 0.3995 | 3992 |
| 1 chrA1.211648A | G | 0.1176 | 3962 |
| 1 chrA1.211698G | A | 0.2113 | 3976 |
| 1 chrA1.211728A | G | 0.2834 | 3998 |
| 1 chrA1.211782A | C | 0.3315 | 4006 |
| 1 chrA1.211817A | G | 0.4492 | 3664 |
| 1 chrA1.211907A | G | 0.105 | 3992 |
| 1 chrA1.211959G | A | 0.1279 | 3988 |
| 1 chrA1.212009A | G | 0.1472 | 3988 |
| 1 chrA1.212089G | A | 0.06178 | 3998 |
| 1 chrA1.212136A | G | 0.1948 | 3998 |
| 1 chrA1.212194G | A | 0.4376 | 3992 |
| 1 chrA1.212228G | A | 0.3158 | 3990 |
| 1 chrA1.212244A | G | 0.0004988 | 4010 |
| 1 chrA1.212266A | G | 0.2292 | 4000 |

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| 1 chrA1.152061A | C | 0.07211 | 3980 |
| 1 chrA1.212387G | A | 0.03395 | 4006 |
| 1 chrA1.212436A | G | 0.02994 | 4008 |
| 1 chrA1.212474G | A | 0.3053 | 3996 |
| 1 chrA1.212529A | G | 0.2072 | 4000 |
| 1 chrA1.212576C | A | 0.2092 | 3962 |
| 1 chrA1.212614A | G | 0.04566 | 3942 |
| 1 chrA1.212675A | G | 0.1252 | 3770 |
| 1 chrA1.212706A | G | 0.09095 | 4002 |
| 1 chrA1.212805A | C | 0.002013 | 3974 |
| 1 chrA1.212824G | A | 0.03198 | 4002 |
| 1 chrA1.212875G | A | 0.2654 | 3990 |
| 1 chrA1.212926G | A | 0.08966 | 4004 |
| 1 chrA1.212995A | G | 0.1468 | 3890 |
| 1 chrA1.213088G | A | 0.1124 | 4002 |
| 1 chrA1.213127A | G | 0.0002498 | 4004 |
| 1 chrA1.213133A | G | 0.1596 | 3928 |
| 1 chrA1.213187A | G | 0.1226 | 3982 |
| 1 chrA1.213254A | G | 0.1849 | 3958 |
| 1 chrA1.213291G | A | 0.2521 | 3998 |
| 1 chrA1.213355A | G | 0.1274 | 3924 |
| 1 chrA1.213394A | G | 0.1657 | 3960 |
| 1 chrA1.213427G | A | 0.3488 | 4000 |
| 1 chrA1.213497A | G | 0.01478 | 3790 |
| 1 chrA1.213557A | G | 0.2937 | 4004 |
| 1 chrA1.213617G | A | 0.3039 | 4004 |
| 1 chrA1.213655A | C | 0.2446 | 3998 |
| 1 chrA1.213685A | G | 0.2586 | 3998 |
| 1 chrA1.213739G | A | 0.4762 | 3996 |
| 1 chrA1.213775G | A | 0.01723 | 4004 |
| 1 chrA1.213806A | G | 0.129 | 4000 |
| 1 chrA1.213887G | A | 0.2651 | 3980 |
| 1 chrA1.214058A | G | 0.1395 | 3994 |
| 1 chrA1.214076G | A | 0.04992 | 3986 |
| 1 chrA1.214114G | A | 0.1228 | 3990 |
| 1 chrA1.214185G | A | 0.4224 | 3890 |
| 1 chrA1.214257A | G | 0.01064 | 3852 |
| 1 chrA1.214287C | A | 0.2384 | 3896 |
| 1 chrA1.214397A | G | 0.4307 | 3754 |
| 1 chrA1.214431G | A | 0.05263 | 3990 |
| 1 chrA1.214465G | A | 0.437 | 3826 |

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| 1 chrA1.21451(A | G | 0.2213 | 3968 |
| 1 chrA1.21454(G | A | 0.3538 | 4000 |
| 1 chrA1.21457(G | A | 0.2573 | 3996 |
| 1 chrA1.21463(A | G | 0.03954 | 3996 |
| 1 chrA1.21467(A | G | 0.03445 | 4006 |
| 1 chrA1.21470(C | A | 0.2764 | 3976 |
| 1 chrA1.21473(A | G | 0.3375 | 4006 |
| 1 chrA1.21477(G | A | 0.3732 | 3992 |
| 1 chrA1.21482(A | G | 0.2668 | 4006 |
| 1 chrA1.21488(G | A | 0.3217 | 3948 |
| 1 chrA1.21493(A | G | 0.2124 | 3998 |
| 1 chrA1.21501(A | G | 0.2336 | 3994 |
| 1 chrB2.24366(C | A | 0.06313 | 3992 |
| 1 chrA1.21514(A | G | 0.03012 | 3984 |
| 1 chrB2.24132(C | G | 0.4162 | 4008 |
| 1 chrB2.24045(A | G | 0.3943 | 3994 |
| 1 chrB2.23971(A | G | 0.3143 | 4006 |
| 1 chrB2.23870(C | A | 0.4754 | 3986 |
| 1 chrB2.23803(A | G | 0.01995 | 4010 |
| 1 chrB2.23767(G | A | 0.3561 | 3982 |
| 1 chrUn.25076(A | C | 0.3589 | 3998 |
| 1 chrB2.23690(G | A | 0.3286 | 4002 |
| 1 chrB2.23607(A | G | 0.2116 | 3974 |
| 1 chrB2.23513(A | G | 0.04434 | 3992 |
| 1 chrB2.23360(A | G | 0.04641 | 3986 |
| 1 chrB2.23258(A | G | 0.1812 | 4002 |
| 1 chrB2.23231(G | A | 0.25 | 4000 |
| 1 chrB2.23201(G | A | 0.2146 | 3994 |
| 1 chrB2.23071(G | A | 0.1843 | 3994 |
| 1 chrB2.23012(A | G | 0.2805 | 3990 |
| 1 chrA1.21571(G | A | 0.2421 | 4002 |
| 1 chrB2.22889(G | A | 0.1284 | 4010 |
| 1 chrB2.22758(A | G | 0.4522 | 3978 |
| 1 chrB2.22683(A | G | 0.0007481 | 4010 |
| 1 chrA1.21586(A | G | 0.4663 | 4002 |
| 1 chrB2.22578(A | G | 0.04248 | 4002 |
| 1 chrA1.21592(A | G | 0.2339 | 4006 |
| 1 chrB2.22540(G | A | 0.1702 | 3996 |
| 1 chrA1.21596(A | G | 0.2455 | 4000 |
| 1 chrB2.22422(C | A | 0.3408 | 3982 |
| 1 chrB2.22394(A | C | 0.3332 | 3910 |

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| 1 chrB2.22359 | A | G | 0.05112 | 4010 |
| 1 chrB2.22163 | C | A | 0.3848 | 3994 |
| 1 chrB2.22123 | A | C | 0.3562 | 3970 |
| 1 chrA1.21618 | A | C | 0.1121 | 3988 |
| 1 chrB2.22003 | A | G | 0.3642 | 4000 |
| 1 chrA1.21621 | A | C | 0.07896 | 3926 |
| 1 chrA1.21627 | A | G | 0.09111 | 4006 |
| 1 chrA1.21635 | A | G | 0.1239 | 3996 |
| 1 chrA1.21638 | A | G | 0.3785 | 3992 |
| 1 chrA1.21641 | A | G | 0.2372 | 4000 |
| 1 chrA1.21644 | A | C | 0.3141 | 3996 |
| 1 chrA1.21644 | A | G | 0.4178 | 3988 |
| 1 chrA1.21648 | A | G | 0.1392 | 4002 |
| 1 chrA1.21651 | A | G | 0.3554 | 4004 |
| 1 chrA1.21654 | A | G | 0.102 | 4000 |
| 1 chrA1.21657 | A | G | 0.4752 | 3994 |
| 1 chrA1.21660 | A | G | 0.02213 | 3976 |
| 1 chrA1.21663 | A | G | 0.2966 | 3998 |
| 1 chrA1.21669 | A | G | 0.4901 | 3922 |
| 1 chrA1.21672 | A | G | 0.4615 | 3976 |
| 1 chrA1.21681 | A | G | 0.4414 | 3974 |
| 1 chrA1.21686 | A | G | 0.2959 | 3924 |
| 1 chrA1.21693 | A | G | 0.06272 | 4002 |
| 1 chrD1.11792 | A | G | 0.1349 | 4004 |
| 1 chrA1.21696 | A | C | 0.04136 | 3844 |
| 1 chrA1.21699 | A | G | 0.3546 | 3996 |
| 1 chrA1.21708 | A | G | 0.3446 | 4002 |
| 1 chrA1.21712 | A | G | 0.03661 | 3988 |
| 1 chrA1.21720 | A | G | 0.1078 | 3998 |
| 1 chrA1.21724 | A | G | 0.2626 | 4002 |
| 1 chrA1.21729 | A | G | 0.08638 | 3832 |
| 1 chrA1.21733 | A | C | 0.2972 | 3980 |
| 1 chrA1.21737 | A | G | 0.1181 | 3998 |
| 1 chrA1.21742 | A | C | 0.4962 | 3982 |
| 1 chrA1.21747 | A | G | 0.3438 | 4000 |
| 1 chrA1.21749 | A | C | 0.165 | 3988 |
| 1 chrA1.21752 | A | G | 0.2541 | 4006 |
| 1 chrA1.21756 | A | G | 0.4448 | 3970 |
| 1 chrA1.21760 | A | G | 0.4247 | 3956 |
| 1 chrA1.21765 | A | G | 0.1972 | 3980 |
| 1 chrA1.21769 | A | G | 0.3806 | 3854 |

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| 1 chrA1.217745A | G | 0.2691 | 3936 |
| 1 chrA1.217795G | A | 0.2599 | 3986 |
| 1 chrA1.217837A | C | 0.0351 | 3846 |
| 1 chrA1.217910A | C | 0.06767 | 3990 |
| 1 chrA1.217944A | G | 0.1038 | 3990 |
| 1 chrA1.217998A | C | 0.4225 | 3744 |
| 1 chrA1.218028G | A | 0.4481 | 3930 |
| 1 chrUn8.12500A | C | 0.462 | 3996 |
| 1 chrA1.218118G | A | 0.03495 | 4006 |
| 1 chrA1.218145G | A | 0.1545 | 4000 |
| 1 chrA1.218207C | A | 0.1488 | 4006 |
| 1 chrA1.218239G | A | 0.4331 | 4006 |
| 1 chrA1.218257C | A | 0.08019 | 3978 |
| 1 chrA1.218278A | G | 0.1799 | 3992 |
| 1 chrC2.743891A | G | 0.2803 | 3992 |
| 1 chrA1.218327A | G | 0.2231 | 4008 |
| 1 chrA1.218367G | A | 0.2173 | 4000 |
| 1 chrA1.218429G | A | 0.2116 | 4002 |
| 1 chrA1.218504A | G | 0.2459 | 3998 |
| 1 chrA1.218506A | G | 0.3449 | 4004 |
| 1 chrA1.218545G | A | 0.3716 | 4004 |
| 1 chrA1.218594A | C | 0.2638 | 3992 |
| 1 chrA1.218627G | A | 0.0497 | 4004 |
| 1 chrA1.218684A | G | 0.212 | 3982 |
| 1 chrA1.218734A | G | 0.3546 | 4004 |
| 1 chrA1.218767G | A | 0.2854 | 3952 |
| 1 chrA1.218816A | G | 0.1964 | 3996 |
| 1 chrA1.218881G | A | 0.1502 | 3996 |
| 1 chrA1.218909A | G | 0.1072 | 4000 |
| 1 chrUn.349453A | G | 0.08556 | 3974 |
| 1 chrA1.218951C | A | 0.2313 | 3994 |
| 1 chrA1.218986A | C | 0.3653 | 4000 |
| 1 chrA1.219015C | A | 0.1049 | 3994 |
| 1 chrA1.219075A | G | 0.273 | 3986 |
| 1 chrA1.219105A | C | 0.3107 | 3952 |
| 1 chrA1.219110A | G | 0.1314 | 3996 |
| 1 chrA1.219167A | G | 0.4523 | 4004 |
| 1 chrA1.219198G | A | 0.3545 | 3992 |
| 1 chrA1.219226A | C | 0.4869 | 3976 |
| 1 chrA1.219257A | C | 0.2361 | 3998 |
| 1 chrA1.219291G | A | 0.3655 | 3994 |

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| 1 chrA1.219319A | G | 0.4658 | 4004 |
| 1 chrA1.219352A | G | 0.2431 | 4002 |
| 1 chrA1.219379A | G | 0.1867 | 3996 |
| 1 chrA1.219429A | G | 0.2747 | 4000 |
| 1 chrA1.219480A | G | 0.1884 | 3954 |
| 1 chrA1.219509A | G | 0.3071 | 3996 |
| 1 chrA1.219534A | G | 0.2723 | 4006 |
| 1 chrA1.219592G | A | 0.173 | 4006 |
| 1 chrA1.219629G | A | 0.3809 | 3980 |
| 1 chrA1.219659A | G | 0.2366 | 3990 |
| 1 chrA1.219698A | G | 0.244 | 3996 |
| 1 chrB1.109932G | A | 0.1557 | 4008 |
| 1 chrA1.219746G | A | 0.1229 | 4002 |
| 1 chrA1.219784A | G | 0.278 | 4000 |
| 1 chrA1.219826A | G | 0.4959 | 3916 |
| 1 chrA1.219846A | C | 0.382 | 3872 |
| 1 chrA1.219882G | A | 0.4878 | 4002 |
| 1 chrA1.219912C | A | 0.1539 | 3996 |
| 1 chrA1.220001G | A | 0.3177 | 3998 |
| 1 chrA1.220039A | G | 0.0327 | 4006 |
| 1 chrA1.220109 | 0 G | 0 | 4010 |
| 1 chrA1.220134C | A | 0.3942 | 3988 |
| 1 chrA1.220176A | G | 0.1011 | 4004 |
| 1 chrA1.220202A | G | 0.09425 | 4000 |
| 1 chrA1.220287A | G | 0.04618 | 4006 |
| 1 chrA1.220351A | G | 0.1594 | 4010 |
| 1 chrA1.220398A | G | 0.2369 | 3980 |
| 1 chrA1.220440G | A | 0.1199 | 3988 |
| 1 chrA1.220464A | G | 0.3342 | 4000 |
| 1 chrA1.220538A | G | 0.2643 | 4010 |
| 1 chrA1.220590C | A | 0.1198 | 4006 |
| 1 chrA1.220648G | A | 0.212 | 4000 |
| 1 chrA1.220690A | G | 0.1305 | 3992 |
| 1 chrA1.223961 | 0 G | 0 | 3872 |
| 1 chrA1.220731C | A | 0.01094 | 3932 |
| 1 chrA1.220770A | C | 0.01479 | 3990 |
| 1 chrA1.220819A | G | 0.3896 | 4002 |
| 1 chrA1.220877G | A | 0.209 | 4000 |
| 1 chrA1.220918A | C | 0.02299 | 4002 |
| 1 chrA1.220947A | G | 0.1062 | 3992 |
| 1 chrA1.220959A | G | 0.005739 | 4008 |

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| 1 chrA1.220981A | C | 0.4552 | 4000 |
| 1 chrA1.221041C | A | 0.3944 | 4004 |
| 1 chrA1.221086G | A | 0.2004 | 4002 |
| 1 chrA1.221144A | G | 0.3146 | 4002 |
| 1 chrA1.221175A | G | 0.02745 | 4008 |
| 1 chrA1.221230A | G | 0.427 | 4002 |
| 1 chrA1.221256G | A | 0.196 | 4006 |
| 1 chrA1.221287A | G | 0.4303 | 4000 |
| 1 chrA1.221334A | G | 0.4154 | 3948 |
| 1 chrA1.221364C | A | 0.4876 | 3964 |
| 1 chrA1.221395A | G | 0.1502 | 4008 |
| 1 chrA1.221460A | G | 0.01098 | 4008 |
| 1 chrA1.221495G | A | 0.362 | 4006 |
| 1 chrA1.221562G | A | 0.1411 | 3996 |
| 1 chrA1.221587A | G | 0.07667 | 4004 |
| 1 chrA1.221648A | G | 0.07808 | 3996 |
| 1 chrA1.221681A | C | 0.1748 | 3952 |
| 1 chrA1.221712G | A | 0.04602 | 3998 |
| 1 chrA1.221754A | G | 0.3509 | 3978 |
| 1 chrA1.221795A | G | 0.1169 | 3986 |
| 1 chrA1.221835G | A | 0.1111 | 3988 |
| 1 chrA1.221986A | G | 0.174 | 3988 |
| 1 chrA1.222057A | G | 0.05142 | 4006 |
| 1 chrC1.221955G | A | 0.4207 | 3984 |
| 1 chrUn.166173C | A | 0.0002494 | 4010 |
| 1 chrC1.221815A | G | 0.307 | 3892 |
| 1 chrC1.221790A | G | 0.08971 | 4002 |
| 1 chrC1.221745A | G | 0.2639 | 3948 |
| 1 chrA1.222271C | A | 0.2426 | 3990 |
| 1 chrA1.222271G | A | 0.09713 | 3974 |
| 1 chrC1.221507A | G | 0.2456 | 3990 |
| 1 chrC1.221481A | G | 0.09216 | 4004 |
| 1 chrC1.221422G | A | 0.1388 | 3976 |
| 1 chrC1.221336A | G | 0.09735 | 3996 |
| 1 chrA1.222525A | G | 0.2009 | 4006 |
| 1 chrA1.222595A | G | 0.1847 | 4006 |
| 1 chrA1.222636A | G | 0.1646 | 3998 |
| 1 chrA1.222677A | G | 0.1835 | 3890 |
| 1 chrA1.222717G | A | 0.3505 | 4006 |
| 1 chrA1.222768A | G | 0.2652 | 4000 |
| 1 chrUn.737651A | G | 0.02294 | 3836 |

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| 1 chrA1.222810 | G | A | 0.1302 | 3980 |
| 1 chrA1.222847 | A | G | 0.08458 | 4008 |
| 1 chrA1.222889 | A | C | 0.08484 | 3972 |
| 1 chrA1.222927 | A | G | 0.2459 | 4002 |
| 1 chrA1.223006 | A | G | 0.4593 | 3958 |
| 1 chrA1.223035 | G | A | 0.4017 | 3966 |
| 1 chrA1.223058 | A | G | 0.1151 | 3934 |
| 1 chrA1.223156 | C | A | 0.4689 | 3992 |
| 1 chrA1.223194 | A | G | 0.1965 | 3882 |
| 1 chrUn.353978 | A | G | 0.397 | 4000 |
| 1 chrA1.223229 | A | G | 0.4071 | 3982 |
| 1 chrA1.223278 | G | A | 0.03233 | 3990 |
| 1 chrA1.223317 | A | G | 0.05592 | 4006 |
| 1 chrA1.223349 | A | G | 0.4118 | 4004 |
| 1 chrA1.223384 | C | A | 0.3829 | 3996 |
| 1 chrA1.223389 | A | G | 0.4114 | 3986 |
| 1 chrA1.223452 | A | G | 0.4204 | 3996 |
| 1 chrA1.223487 | C | A | 0.01759 | 3980 |
| 1 chrA1.223546 | G | A | 0.199 | 4000 |
| 1 chrA1.223576 | C | A | 0.3665 | 3932 |
| 1 chrA1.223616 | G | A | 0.133 | 3956 |
| 1 chrA1.223644 | A | G | 0.3791 | 3996 |
| 1 chrA1.223668 | A | C | 0.08007 | 3984 |
| 1 chrA1.223701 | G | A | 0.3002 | 4004 |
| 1 chrA1.223796 | A | G | 0.06467 | 3912 |
| 1 chrA1.223820 | G | A | 0.3277 | 4000 |
| 1 chrUn.706660 | A | C | 0.05126 | 3980 |
| 1 chrA1.223860 | A | G | 0.2132 | 3954 |
| 1 chrA1.223891 | G | A | 0.4689 | 3992 |
| 1 chrA1.223894 | A | G | 0.4437 | 3996 |
| 1 chrA1.224046 | A | G | 0.4962 | 3938 |
| 1 chrA1.224091 | A | G | 0.3616 | 3996 |
| 1 chrA1.224141 | A | G | 0.1316 | 3868 |
| 1 chrA1.224172 | C | A | 0.3377 | 3900 |
| 1 chrA1.224205 | G | A | 0.09795 | 4002 |
| 1 chrA1.224265 | A | G | 0.2293 | 3994 |
| 1 chrA1.224325 | A | G | 0.07613 | 3980 |
| 1 chrA1.224352 | G | A | 0.08936 | 3928 |
| 1 chrA1.224381 | A | C | 0.3032 | 3866 |
| 1 chrA1.224422 | A | G | 0.1104 | 3876 |
| 1 chrA1.224456 | G | A | 0.2202 | 4006 |

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| 1 chrA1.224496A | G | 0.02445 | 3804 |
| 1 chrA1.224523A | C | 0.3782 | 3884 |
| 1 chrA1.224547G | A | 0.04798 | 4002 |
| 1 chrA1.224556G | A | 0.2551 | 3990 |
| 1 chrA1.224602A | C | 0.3015 | 3990 |
| 1 chrUn.432560A | G | 0.3404 | 3984 |
| 1 chrA1.224654G | A | 0.03908 | 3966 |
| 1 chrA1.224681C | A | 0.2986 | 3982 |
| 1 chrA1.224707C | A | 0.02994 | 3874 |
| 1 chrA1.224732A | C | 0.03758 | 3992 |
| 1 chrA1.224763G | A | 0.3914 | 3968 |
| 1 chrA1.224825A | G | 0.06967 | 3746 |
| 1 chrA1.224943G | A | 0.1461 | 3866 |
| 1 chrA1.224973A | G | 0.348 | 3802 |
| 1 chrA1.225000C | A | 0.4036 | 4006 |
| 1 chrA1.225120G | A | 0.1263 | 4006 |
| 1 chrA1.225147A | G | 0.3378 | 3872 |
| 1 chrA1.225210G | A | 0.01549 | 4002 |
| 1 chrA1.225272A | G | 0.4325 | 4000 |
| 1 chrA1.225299A | G | 0.0629 | 3752 |
| 1 chrA1.225349A | G | 0.03566 | 3982 |
| 1 chrA1.225393A | C | 0.165 | 4006 |
| 1 chrA1.225453A | G | 0.03509 | 3990 |
| 1 chrA1.225511A | C | 0.4844 | 3976 |
| 1 chrA1.225572G | A | 0.4597 | 3868 |
| 1 chrA1.225675G | A | 0.3529 | 3984 |
| 1 chrA1.225717A | G | 0.4827 | 3710 |
| 1 chrA1.225770A | G | 0.0745 | 4000 |
| 1 chrA1.225855A | G | 0.4708 | 3978 |
| 1 chrA1.225880G | A | 0.07606 | 4010 |
| 1 chrA1.225926A | C | 0.03977 | 3998 |
| 1 chrUn.218190A | G | 0.4525 | 3976 |
| 1 chrA1.225963A | G | 0.4558 | 3982 |
| 1 chrA1.225966 | 0 C | 0 | 4010 |
| 1 chrA1.225991G | A | 0.1031 | 4006 |
| 1 chrA1.226017A | G | 0.03022 | 4004 |
| 1 chrA1.226055A | G | 0.06231 | 3996 |
| 1 chrA1.226080A | G | 0.4952 | 3958 |
| 1 chrA1.226107A | G | 0.03105 | 3994 |
| 1 chrA1.226150A | G | 0.4215 | 3998 |
| 1 chrA1.226152G | A | 0.03328 | 3936 |

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| 1 chrA1.226186 | G | A | 0.4454 | 3990 |
| 1 chrA1.226238 | A | G | 0.07873 | 3836 |
| 1 chrA1.226277 | G | A | 0.1778 | 3988 |
| 1 chrA1.226315 | A | G | 0.06808 | 4010 |
| 1 chrA1.226340 | A | C | 0.06743 | 4004 |
| 1 chrA1.226415 | A | G | 0.1213 | 3982 |
| 1 chrA1.226486 | A | G | 0.3692 | 3914 |
| 1 chrA1.226566 | A | G | 0.3975 | 4008 |
| 1 chrA1.226679 | A | G | 0.4339 | 4010 |
| 1 chrA1.226745 | A | G | 0.4326 | 3994 |
| 1 chrA1.226770 | G | A | 0.1156 | 3972 |
| 1 chrA1.226795 | A | G | 0.1182 | 4002 |
| 1 chrA1.226837 | A | C | 0.2843 | 3996 |
| 1 chrA1.226908 | A | G | 0.1965 | 3872 |
| 1 chrA1.226935 | A | G | 0.06712 | 4008 |
| 1 chrA1.227007 | G | A | 0.06818 | 4004 |
| 1 chrA1.227044 | A | C | 0.1606 | 3936 |
| 1 chrA1.227084 | A | G | 0.02492 | 3812 |
| 1 chrA1.227111 | G | A | 0.4253 | 4000 |
| 1 chrA1.227145 | A | C | 0.17 | 3970 |
| 1 chrA1.227170 | G | A | 0.1285 | 4000 |
| 1 chrA1.227208 | A | G | 0.4118 | 3990 |
| 1 chrA1.227248 | A | G | 0.18 | 3972 |
| 1 chrA1.227289 | G | A | 0.1962 | 4006 |
| 1 chrA1.227335 | A | G | 0.459 | 3952 |
| 1 chrA1.227369 | A | G | 0.05389 | 4008 |
| 1 chrA1.227409 | G | A | 0.4582 | 3974 |
| 1 chrA1.227425 | A | G | 0.03172 | 4004 |
| 1 chrA1.227496 | A | G | 0.4141 | 3876 |
| 1 chrA1.227537 | A | G | 0.4912 | 3972 |
| 1 chrA1.227569 | A | C | 0.4179 | 3996 |
| 1 chrA1.227665 | G | A | 0.1222 | 3992 |
| 1 chrA1.227694 | G | A | 0.2875 | 4010 |
| 1 chrA1.227759 | C | A | 0.3749 | 3926 |
| 1 chrA1.227828 | A | C | 0.1298 | 4000 |
| 1 chrA1.227875 | A | G | 0.181 | 3950 |
| 1 chrA1.227906 | G | A | 0.1976 | 4008 |
| 1 chrA1.227935 | G | A | 0.1137 | 4002 |
| 1 chrA1.228085 | A | G | 0.1329 | 3980 |
| 1 chrA1.228108 | A | G | 0.05123 | 3982 |
| 1 chrA1.228161 | G | A | 0.2669 | 3990 |

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| 1 chrA1.228205C | A | 0.2208 | 3904 |
| 1 chrA1.228263A | G | 0.3435 | 3988 |
| 1 chrA1.228321G | A | 0.3165 | 3968 |
| 1 chrA1.228346A | G | 0.3934 | 3998 |
| 1 chrA1.228390A | G | 0.1421 | 3998 |
| 1 chrA1.228445G | A | 0.1067 | 4002 |
| 1 chrA1.228467A | C | 0.0007485 | 4008 |
| 1 chrA1.228499A | G | 0.1696 | 3968 |
| 1 chrA1.228572G | A | 0.1385 | 4006 |
| 1 chrA1.228599C | A | 0.1202 | 3978 |
| 1 chrA1.228658G | A | 0.08667 | 3992 |
| 1 chrA1.228698 | 0 C | 0 | 4010 |
| 1 chrA1.228738A | G | 0.3434 | 3954 |
| 1 chrA1.228781A | G | 0.1247 | 3970 |
| 1 chrA1.228806A | G | 0.3495 | 4000 |
| 1 chrA1.228926A | G | 0.389 | 3748 |
| 1 chrA1.228952A | G | 0.1372 | 3966 |
| 1 chrA1.228984G | A | 0.09481 | 4008 |
| 1 chrA1.229012C | A | 0.3382 | 4000 |
| 1 chrA1.229040A | G | 0.2828 | 4006 |
| 1 chrA1.229064G | A | 0.1386 | 4004 |
| 1 chrA1.229088G | A | 0.1092 | 4010 |
| 1 chrA1.229142G | A | 0.1291 | 3996 |
| 1 chrA1.229232 | 0 G | 0 | 4010 |
| 1 chrA1.229238A | C | 0.2097 | 4000 |
| 1 chrA1.229274G | A | 0.0991 | 4006 |
| 1 chrA1.229302C | A | 0.1726 | 3968 |
| 1 chrA1.229347A | G | 0.1127 | 4002 |
| 1 chrA1.229404G | A | 0.3423 | 3988 |
| 1 chrA1.229449A | C | 0.3263 | 4008 |
| 1 chrA1.229485A | C | 0.4722 | 4000 |
| 1 chrA1.229525A | G | 0.05037 | 4010 |
| 1 chrA1.229530G | A | 0.4908 | 3908 |
| 1 chrA1.229567G | A | 0.338 | 3968 |
| 1 chrA1.229626A | G | 0.1083 | 4008 |
| 1 chrA1.229675G | A | 0.06172 | 4002 |
| 1 chrA1.229705A | C | 0.08455 | 3986 |
| 1 chrA1.229744A | G | 0.1924 | 3992 |
| 1 chrA1.229794G | A | 0.2652 | 3986 |
| 1 chrA1.229829A | G | 0.2227 | 3992 |
| 1 chrA1.229875A | G | 0.2317 | 3988 |

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| 1 chrA1.229927A | C | 0.3095 | 3990 |
| 1 chrA1.229947A | G | 0.2942 | 4004 |
| 1 chrA1.229998A | G | 0.3194 | 3992 |
| 1 chrA1.230070G | A | 0.2723 | 4010 |
| 1 chrA1.230100A | G | 0.4975 | 3998 |
| 1 chrA1.230129A | G | 0.484 | 4004 |
| 1 chrA1.230167A | G | 0.04451 | 3842 |
| 1 chrA1.230199G | A | 0.2091 | 3940 |
| 1 chrA1.230219G | A | 0.07068 | 4004 |
| 1 chrA1.230226G | A | 0.2107 | 4000 |
| 1 chrA1.230269G | A | 0.3353 | 4000 |
| 1 chrA1.230274G | A | 0.2045 | 4000 |
| 1 chrA1.230339G | A | 0.2211 | 3998 |
| 1 chrA1.230386G | A | 0.1426 | 4004 |
| 1 chrA1.230454G | A | 0.3531 | 3982 |
| 1 chrA1.230484G | A | 0.2536 | 3994 |
| 1 chrA1.230542A | G | 0.4023 | 4002 |
| 1 chrA1.230566A | G | 0.2431 | 3834 |
| 1 chrA1.230620G | A | 0.4705 | 4006 |
| 1 chrA1.230657A | G | 0.4849 | 3980 |
| 1 chrA1.230699A | G | 0.1812 | 3996 |
| 1 chrA1.230734 | 0 A | 0 | 3998 |
| 1 chrA1.230819A | G | 0.1129 | 3978 |
| 1 chrA1.230869A | G | 0.2404 | 4006 |
| 1 chrUn.699520A | G | 0.2124 | 4002 |
| 1 chrA1.230910A | G | 0.2127 | 4006 |
| 1 chrA1.231001G | A | 0.2215 | 4000 |
| 1 chrA1.231026G | A | 0.2312 | 3970 |
| 1 chrA1.231062A | G | 0.2478 | 3890 |
| 1 chrA1.231111C | A | 0.4775 | 3960 |
| 1 chrA1.231167A | G | 0.09061 | 4006 |
| 1 chrA1.231219A | G | 0.1558 | 3986 |
| 1 chrA1.231278A | G | 0.3499 | 4004 |
| 1 chrA1.231329G | A | 0.07992 | 4004 |
| 1 chrA1.231348A | G | 0.03297 | 4004 |
| 1 chrA1.231379G | A | 0.1321 | 3998 |
| 1 chrA1.231429G | A | 0.4168 | 4002 |
| 1 chrA1.231479A | G | 0.07681 | 4010 |
| 1 chrA1.231539A | G | 0.4393 | 4000 |
| 1 chrA1.231599G | A | 0.09039 | 3994 |
| 1 chrA1.231632A | G | 0.1583 | 4006 |

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| 1 chrA1.23167 | A | G | 0.2753 | 3966 |
| 1 chrA1.23168 | | 0 A | 0 | 4010 |
| 1 chrA1.23172 | | G | 0.1811 | 3936 |
| 1 chrA1.23177 | | G | 0.1803 | 3988 |
| 1 chrA1.23179 | | A | 0.1348 | 3976 |
| 1 chrA1.23181 | | 0 G | 0 | 4010 |
| 1 chrA1.23185 | | G | 0.1093 | 3890 |
| 1 chrA1.23189 | | C | 0.4005 | 4000 |
| 1 chrA1.23192 | | C | 0.1952 | 3934 |
| 1 chrA1.23196 | | G | 0.01997 | 4006 |
| 1 chrA1.23200 | | A | 0.09714 | 3984 |
| 1 chrA1.23203 | | G | 0.3184 | 4008 |
| 1 chrA1.23208 | | G | 0.1492 | 4002 |
| 1 chrA1.23211 | | G | 0.4123 | 3980 |
| 1 chrA1.23214 | | G | 0.07485 | 4008 |
| 1 chrA1.23217 | | G | 0.1035 | 4000 |
| 1 chrA1.23220 | | G | 0.1034 | 4004 |
| 1 chrA1.23224 | | G | 0.3219 | 4008 |
| 1 chrA1.23226 | | G | 0.2564 | 3998 |
| 1 chrA1.23231 | | G | 0.4869 | 3976 |
| 1 chrA1.23234 | | G | 0.3433 | 4008 |
| 1 chrA1.23243 | | G | 0.4737 | 3992 |
| 1 chrA1.23247 | | C | 0.1412 | 3994 |
| 1 chrA1.23252 | | A | 0.2266 | 3976 |
| 1 chrA1.23253 | | A | 0.323 | 3888 |
| 1 chrA1.23261 | | G | 0.3005 | 4000 |
| 1 chrA1.23262 | | A | 0.3395 | 3994 |
| 1 chrA1.23263 | | A | 0.4512 | 3996 |
| 1 chrA1.23272 | | G | 0.09865 | 3994 |
| 1 chrA1.23274 | | C | 0.2639 | 4002 |
| 1 chrA1.23277 | | A | 0.1342 | 4002 |
| 1 chrA1.23280 | | G | 0.1599 | 3952 |
| 1 chrA1.23284 | | C | 0.05499 | 3910 |
| 1 chrA1.23290 | | G | 0.4903 | 4000 |
| 1 chrA1.23297 | | G | 0.09551 | 4010 |
| 1 chrA1.23301 | | G | 0.2527 | 4004 |
| 1 chrA1.23305 | | G | 0.2335 | 4004 |
| 1 chrA1.23308 | | G | 0.1589 | 3966 |
| 1 chrA1.23316 | | G | 0.1226 | 4004 |
| 1 chrA1.23320 | | G | 0.1457 | 4002 |
| 1 chrA1.23327 | | G | 0.4014 | 3984 |

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| 1 chrA1.233326G | A | 0.4315 | 3998 |
| 1 chrA1.233376G | A | 0.2427 | 3914 |
| 1 chrA1.233426A | G | 0.3363 | 4000 |
| 1 chrA1.233458A | G | 0.4902 | 3972 |
| 1 chrA1.233477G | A | 0.4055 | 3968 |
| 1 chrA1.233526A | G | 0.1454 | 3962 |
| 1 chrA1.233577C | A | 0.3472 | 3900 |
| 1 chrA1.233649G | A | 0.4975 | 4004 |
| 1 chrA1.233714 | 0 C | 0 | 4010 |
| 1 chrA1.233736A | G | 0.2681 | 4002 |
| 1 chrA1.233791A | G | 0.1094 | 3994 |
| 1 chrA1.233874A | C | 0.4664 | 3960 |
| 1 chrA1.233907A | G | 0.09236 | 4006 |
| 1 chrA1.233974A | G | 0.2187 | 3964 |
| 1 chrA1.234051A | G | 0.106 | 4000 |
| 1 chrA1.234094G | A | 0.3915 | 4000 |
| 1 chrA1.234133A | G | 0.36 | 4006 |
| 1 chrA1.234173A | G | 0.1278 | 4000 |
| 1 chrA1.234179G | A | 0.216 | 4004 |
| 1 chrA1.234231A | G | 0.204 | 3996 |
| 1 chrA1.234281A | G | 0.2914 | 4008 |
| 1 chrA1.234343G | A | 0.3212 | 3994 |
| 1 chrA1.234326G | A | 0.4257 | 3986 |
| 1 chrA1.234419A | C | 0.1113 | 4000 |
| 1 chrA1.234479G | A | 0.4726 | 3978 |
| 1 chrA1.234526A | G | 0.08841 | 4004 |
| 1 chrA1.234566A | G | 0.1294 | 4010 |
| 1 chrA1.234639A | G | 0.4831 | 3976 |
| 1 chrA1.234702A | G | 0.06655 | 3952 |
| 1 chrA1.234779G | A | 0.1351 | 3990 |
| 1 chrA1.234806G | A | 0.1426 | 3998 |
| 1 chrA1.234836A | G | 0.3059 | 4004 |
| 1 chrA1.234873G | A | 0.1489 | 3976 |
| 1 chrA1.234908A | G | 0.479 | 4006 |
| 1 chrA1.234944A | G | 0.09611 | 4006 |
| 1 chrA1.234987A | G | 0.07764 | 3632 |
| 1 chrA1.235021A | C | 0.1035 | 3912 |
| 1 chrA1.235034G | A | 0.2194 | 3984 |
| 1 chrA1.235081C | A | 0.2905 | 3996 |
| 1 chrA1.235107A | G | 0.2567 | 3974 |
| 1 chrA1.235191G | A | 0.2614 | 4006 |

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| 1 chrA1.235275A | G | 0.3403 | 4002 |
| 1 chrA1.235307A | C | 0.1962 | 3980 |
| 1 chrA1.235341G | A | 0.1891 | 3992 |
| 1 chrA1.235366G | A | 0.3156 | 3996 |
| 1 chrD4.707262G | A | 0.4174 | 3994 |
| 1 chrA1.235395G | A | 0.4952 | 3992 |
| 1 chrA1.235437A | G | 0.292 | 3966 |
| 1 chrA1.235472A | C | 0.1254 | 3996 |
| 1 chrA1.235506A | G | 0.07615 | 3992 |
| 1 chrA1.235586G | A | 0.01721 | 4010 |
| 1 chrA1.235604A | C | 0.007738 | 4006 |
| 1 chrA1.235628A | G | 0.0317 | 4006 |
| 1 chrA1.235671A | G | 0.1393 | 4006 |
| 1 chrA1.235741A | G | 0.454 | 3998 |
| 1 chrA1.235785A | G | 0.1783 | 4000 |
| 1 chrA1.235825 | 0 G | 0 | 4008 |
| 1 chrA1.235908A | G | 0.1682 | 4002 |
| 1 chrA1.235937A | G | 0.4348 | 4006 |
| 1 chrA1.236025G | A | 0.03706 | 3994 |
| 1 chrA1.236076G | A | 0.01598 | 4006 |
| 1 chrA1.236128A | C | 0.0415 | 4000 |
| 1 chrA1.236176G | A | 0.391 | 3992 |
| 1 chrA1.236225A | G | 0.1867 | 3990 |
| 1 chrA1.236258A | G | 0.01724 | 4002 |
| 1 chrA1.236297A | G | 0.01048 | 4008 |
| 1 chrA1.236327G | A | 0.3484 | 3998 |
| 1 chrA1.236386A | G | 0.0242 | 4008 |
| 1 chrA1.236408A | G | 0.08666 | 4004 |
| 1 chrA1.236415G | A | 0.003288 | 3954 |
| 1 chrA1.236508G | A | 0.1404 | 3990 |
| 1 chrA1.236532G | A | 0.1444 | 4004 |
| 1 chrA1.236557A | G | 0.05472 | 4002 |
| 1 chrA1.236614A | C | 0.008279 | 3986 |
| 1 chrA1.236649G | A | 0.3337 | 4004 |
| 1 chrA1.236694A | G | 0.3977 | 3998 |
| 1 chrA1.236772A | G | 0.1348 | 3998 |
| 1 chrA1.236858A | G | 0.1361 | 4004 |
| 1 chrA1.236896A | G | 0.3851 | 3978 |
| 1 chrA1.236926A | G | 0.3236 | 3990 |
| 1 chrA1.236961A | C | 0.1561 | 3978 |
| 1 chrA1.237037A | C | 0.3098 | 3986 |

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| 1 chrA1.237066A | G | 0.04054 | 3996 |
| 1 chrA1.237104A | G | 0.1041 | 3998 |
| 1 chrA1.237144G | A | 0.4945 | 3998 |
| 1 chrA1.237182G | A | 0.3653 | 4008 |
| 1 chrA1.237214G | A | 0.3314 | 3998 |
| 1 chrA1.237294A | C | 0.04828 | 3956 |
| 1 chrA1.237368G | A | 0.07014 | 4006 |
| 1 chrA1.237392A | C | 0.01149 | 4004 |
| 1 chrA1.237452C | A | 0.3172 | 4004 |
| 1 chrA1.237549G | A | 0.3392 | 3986 |
| 1 chrA1.237611A | G | 0.119 | 4000 |
| 1 chrA1.237639A | G | 0.2732 | 3994 |
| 1 chrA1.237708A | G | 0.3192 | 3982 |
| 1 chrA1.237736G | A | 0.2551 | 4006 |
| 1 chrA1.237763A | G | 0.2141 | 3998 |
| 1 chrA1.237858A | G | 0.1351 | 4004 |
| 1 chrA1.237901G | A | 0.228 | 3992 |
| 1 chrA1.237950G | A | 0.186 | 3956 |
| 1 chrA1.237978A | C | 0.2779 | 3984 |
| 1 chrA1.238069G | A | 0.2531 | 3908 |
| 1 chrA1.238073A | C | 0.008056 | 3972 |
| 1 chrA1.238128A | G | 0.1244 | 4004 |
| 1 chrA1.238166A | G | 0.4343 | 4002 |
| 1 chrA1.238192 | 0 G | 0 | 4010 |
| 1 chrA1.238232A | G | 0.1964 | 4002 |
| 1 chrA1.238258G | A | 0.3632 | 3992 |
| 1 chrA1.238378G | A | 0.1566 | 3998 |
| 1 chrA1.238421G | A | 0.08535 | 3960 |
| 1 chrA1.238447G | A | 0.3756 | 4004 |
| 1 chrA1.238478G | A | 0.33 | 4000 |
| 1 chrA1.238511A | G | 0.1662 | 3984 |
| 1 chrA1.238557A | G | 0.3186 | 3996 |
| 1 chrA1.238633A | G | 0.1323 | 3998 |
| 1 chrA1.238668A | G | 0.3227 | 3994 |
| 1 chrA1.238695G | A | 0.4325 | 4002 |
| 1 chrA1.238736G | A | 0.3911 | 4002 |
| 1 chrA1.238794A | G | 0.4409 | 3978 |
| 1 chrA1.238831A | G | 0.1769 | 3996 |
| 1 chrA1.238859A | G | 0.1516 | 4004 |
| 1 chrA1.238988A | G | 0.3816 | 3996 |
| 1 chrA1.239013A | G | 0.3858 | 4002 |

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| 1 chrA1.239065G | A | 0.4301 | 4004 |
| 1 chrA1.239106G | A | 0.3769 | 3982 |
| 1 chrA1.239136A | G | 0.05067 | 4006 |
| 1 chrA1.239175G | A | 0.02651 | 3998 |
| 1 chrA1.239229A | G | 0.02297 | 3918 |
| 1 chrA1.239269A | G | 0.3535 | 3980 |
| 1 chrA1.239337G | A | 0.2955 | 3976 |
| 1 chrA1.239397A | G | 0.1303 | 3806 |
| 1 chrA1.239424A | G | 0.2542 | 4000 |
| 1 chrA1.239466A | C | 0.2137 | 4000 |
| 1 chrA1.239566G | A | 0.03316 | 3890 |
| 1 chrA1.239594A | G | 0.3295 | 3982 |
| 1 chrA1.239646A | G | 0.1952 | 3976 |
| 1 chrA1.239714C | A | 0.1093 | 3826 |
| 1 chrA1.239754A | G | 0.2786 | 3988 |
| 1 chrA1.239815A | G | 0.1035 | 4008 |
| 1 chrA1.239854A | G | 0.3901 | 3996 |
| 1 chrA1.239891G | A | 0.0596 | 4010 |
| 1 chrA1.239956G | A | 0.4457 | 4000 |
| 1 chrA1.240006A | G | 0.05525 | 3946 |
| 1 chrA1.240009G | A | 0.3042 | 3994 |
| 1 chrA1.240041G | A | 0.2754 | 3984 |
| 1 chrA1.240068A | G | 0.3433 | 3996 |
| 1 chrA1.240129G | A | 0.2423 | 4004 |
| 1 chrA1.240159A | G | 0.2808 | 4000 |
| 1 chrA1.240197C | A | 0.3321 | 3990 |
| 1 chrA1.240204G | A | 0.267 | 4000 |
| 1 chrA1.240245A | G | 0.03425 | 4000 |
| 1 chrA1.240286A | G | 0.0224 | 3840 |
| 1 chrA1.240317G | A | 0.09636 | 4006 |
| 1 chrA1.240377A | G | 0.406 | 3948 |
| 1 chrA1.240419G | A | 0.3615 | 4000 |
| 1 chrA1.240487A | G | 0.2176 | 4008 |
| 1 chrA1.240527A | G | 0.3324 | 3682 |
| 1 chrA1.240558A | G | 0.1164 | 4002 |
| 1 chrA1.240615A | G | 0.07804 | 3998 |
| 1 chrA1.240639G | A | 0.09655 | 3998 |
| 1 chrA1.240677G | A | 0.07364 | 4006 |
| 1 chrA1.240726G | A | 0.456 | 3998 |
| 1 chrA1.240754C | A | 0.4397 | 3996 |
| 1 chrA1.240794A | G | 0.3882 | 3916 |

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| 1 chrA1.240827C | A | 0.2211 | 4002 |
| 1 chrA1.240852G | A | 0.1265 | 4008 |
| 1 chrA1.240906A | G | 0.3265 | 3972 |
| 1 chrA1.240978A | G | 0.02401 | 3998 |
| 1 chrA1.241051A | G | 0.4637 | 3998 |
| 1 chrA1.241090C | A | 0.04055 | 3872 |
| 1 chrA1.241135G | A | 0.1678 | 3998 |
| 1 chrA1.241202C | A | 0.1543 | 4004 |
| 1 chrA1.241234G | A | 0.07193 | 3976 |
| 1 chrA1.241261G | A | 0.1226 | 3998 |
| 1 chrA1.241287G | A | 0.2162 | 3996 |
| 1 chrA1.241326A | C | 0.03322 | 4004 |
| 1 chrA1.241365G | A | 0.3173 | 4000 |
| 1 chrA1.241385A | G | 0.208 | 3990 |
| 1 chrA1.241496A | G | 0.4559 | 3876 |
| 1 chrA1.241549A | G | 0.4017 | 3998 |
| 1 chrA1.241594G | A | 0.1507 | 3982 |
| 1 chrA1.241620A | G | 0.2214 | 4006 |
| 1 chrA1.241665A | G | 0.2239 | 3998 |
| 1 chrA1.241698A | G | 0.2906 | 3968 |
| 1 chrA1.241755A | G | 0.1087 | 3994 |
| 1 chrA1.241850G | A | 0.351 | 4006 |
| 1 chrA1.241892A | C | 0.4689 | 3984 |
| 1 chrA1.241971A | G | 0.258 | 4000 |
| 1 chrA1.242007G | A | 0.08142 | 4004 |
| 1 chrA1.242085A | G | 0.08978 | 4010 |
| 1 chrA1.242127A | G | 0.4811 | 3860 |
| 1 chrA1.242172A | C | 0.4147 | 3996 |
| 1 chrA1.242198A | G | 0.2641 | 4002 |
| 1 chrA1.242231C | A | 0.03929 | 3996 |
| 1 chrA1.242269A | G | 0.03643 | 4008 |
| 1 chrA1.242299G | A | 0.1608 | 4006 |
| 1 chrA1.242345A | G | 0.08296 | 4002 |
| 1 chrA1.242372G | A | 0.1301 | 4006 |
| 1 chrA1.242428C | A | 0.04851 | 3834 |
| 1 chrA1.242462A | G | 0.3066 | 4002 |
| 1 chrA1.242491A | G | 0.3475 | 3974 |
| 1 chrA1.242535C | A | 0.3488 | 4002 |
| 1 chrA1.218172A | G | 0.1091 | 4004 |
| 1 chrA1.242569A | G | 0.161 | 3962 |
| 1 chrA1.242709A | G | 0.2457 | 3980 |

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| 1 chrA1.242736 | A | 0.1262 | 4002 |
| 1 chrA1.242762 | G | 0.3588 | 4000 |
| 1 chrA1.242846 | G | 0.01061 | 3960 |
| 1 chrA1.242890 | G | 0.1229 | 3964 |
| 1 chrA1.242955 | A | 0.318 | 4006 |
| 1 chrA1.243001 | G | 0.1162 | 3968 |
| 1 chrA1.243026 | C | 0.3578 | 4000 |
| 1 chrA1.243057 | G | 0.4343 | 4004 |
| 1 chrA1.243110 | G | 0.4558 | 3980 |
| 1 chrA1.243167 | A | 0.09317 | 3982 |
| 1 chrA1.243195 | G | 0.1712 | 4008 |
| 1 chrA1.243235 | A | 0.3924 | 3932 |
| 1 chrA1.243259 | A | 0.4534 | 3994 |
| 1 chrA1.243289 | A | 0.08625 | 4000 |
| 1 chrA1.243376 | G | 0.06653 | 3998 |
| 1 chrA1.243460 | A | 0.05994 | 4004 |
| 1 chrUn.513018 | C | 0.251 | 3956 |
| 1 chrA1.243491 | G | 0.2322 | 3932 |
| 1 chrA1.243510 | A | 0.2681 | 4002 |
| 1 chrA1.243529 | A | 0.3655 | 3954 |
| 1 chrA1.243536 | G | 0.2762 | 4000 |
| 1 chrUn.707831 | A | 0.2036 | 3718 |
| 1 chrA1.243588 | G | 0.3838 | 4000 |
| 1 chrA1.243615 | A | 0.3816 | 3978 |
| 1 chrA1.243685 | G | 0.06697 | 4002 |
| 1 chrA1.243727 | A | 0.318 | 4006 |
| 1 chrA1.243847 | A | 0.07742 | 4004 |
| 1 chrA1.243879 | G | 0.093 | 4000 |
| 1 chrA1.243911 | G | 0.4274 | 3856 |
| 1 chrA1.244008 | A | 0.1359 | 4002 |
| 1 chrA1.244044 | G | 0.2411 | 3974 |
| 1 chrA1.244081 | A | 0.05214 | 3932 |
| 1 chrA1.244207 | A | 0.4511 | 3862 |
| 1 chrA1.244238 | A | 0.2219 | 3808 |
| 1 chrA1.244295 | C | 0.1672 | 3990 |
| 1 chrA1.244319 | A | 0.2015 | 3960 |
| 1 chrA1.244349 | C | 0.08564 | 3970 |
| 1 chrA1.244405 | A | 0.1503 | 3938 |
| 1 chrA1.244475 | C | 0.1814 | 4002 |
| 1 chrA1.244530 | G | 0.3154 | 3890 |
| 1 chrA1.244589 | G | 0.384 | 3990 |

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| 1 chrA1.24463 | G | A | 0.2908 | 3996 |
| 1 chrA1.24468 | A | G | 0.08763 | 3994 |
| 1 chrA1.24475 | A | G | 0.1421 | 3968 |
| 1 chrA1.24479 | A | C | 0.1739 | 3996 |
| 1 chrA1.24484 | G | A | 0.1153 | 3930 |
| 1 chrA1.24489 | G | A | 0.2495 | 4004 |
| 1 chrA1.24494 | G | A | 0.1575 | 3974 |
| 1 chrA1.24501 | G | A | 0.3387 | 3882 |
| 1 chrA1.24503 | G | A | 0.04765 | 4008 |
| 1 chrA1.24509 | A | G | 0.2693 | 4006 |
| 1 chrA1.24517 | C | A | 0.06647 | 3972 |
| 1 chrA1.24519 | A | G | 0.036 | 4000 |
| 1 chrUn.72992 | A | A | 0.07 | 4000 |
| 1 chrA1.24520 | G | A | 0.4745 | 3998 |
| 1 chrA1.24523 | A | C | 0.4381 | 3990 |
| 1 chrA1.24526 | G | A | 0.2954 | 4008 |
| 1 chrA1.24529 | A | C | 0.09705 | 3998 |
| 1 chrA1.24535 | C | A | 0.02622 | 4004 |
| 1 chrA1.24538 | G | A | 0.4366 | 3972 |
| 1 chrA1.24544 | A | G | 0.3614 | 3996 |
| 1 chrA1.24549 | A | G | 0.1162 | 3838 |
| 1 chrA1.24572 | A | G | 0.01056 | 3978 |
| 1 chrA1.24576 | G | A | 0.01449 | 4002 |
| 1 chrA1.24582 | A | G | 0.2307 | 3984 |
| 1 chrA1.24585 | A | G | 0.4034 | 3904 |
| 1 chrA1.24590 | G | A | 0.3423 | 3932 |
| 1 chrA1.24595 | C | A | 0.2307 | 3996 |
| 1 chrA1.24602 | G | A | 0.1667 | 4008 |
| 1 chrA1.24605 | A | C | 0.1726 | 4004 |
| 1 chrA1.24608 | A | G | 0.3092 | 4004 |
| 1 chrA1.24616 | G | A | 0.1322 | 3942 |
| 1 chrA1.24621 | G | A | 0.1866 | 3988 |
| 1 chrA1.24625 | C | A | 0.02094 | 3772 |
| 1 chrA1.24629 | G | A | 0.2782 | 4004 |
| 1 chrA1.24644 | A | G | 0.05693 | 3706 |
| 1 chrA1.24644 | G | A | 0.1061 | 4004 |
| 1 chrA1.24653 | A | G | 0.3177 | 4004 |
| 1 chrA1.24658 | G | A | 0.1301 | 3996 |
| 1 chrA1.24661 | A | G | 0.08113 | 4006 |
| 1 chrA1.24667 | G | A | 0.3774 | 3972 |
| 1 chrA1.24677 | G | A | 0.4733 | 3974 |

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| 1 chrA1.246807G | A | 0.4146 | 4006 |
| 1 chrA1.246879C | A | 0.475 | 3846 |
| 1 chrA1.247018G | A | 0.2757 | 4004 |
| 1 chrA1.247051G | A | 0.095 | 4000 |
| 1 chrA1.247109G | A | 0.1538 | 4000 |
| 1 chrA1.247131A | G | 0.3955 | 3942 |
| 1 chrA1.247164A | G | 0.05794 | 4004 |
| 1 chrUn.439287G | A | 0.3675 | 3970 |
| 1 chrA1.247199G | A | 0.3352 | 4004 |
| 1 chrA1.247209G | A | 0.000998 | 4008 |
| 1 chrA1.247226A | G | 0.03948 | 4002 |
| 1 chrA1.247266G | A | 0.4404 | 3996 |
| 1 chrA1.247327A | G | 0.03284 | 3898 |
| 1 chrA1.247360A | G | 0.3247 | 4000 |
| 1 chrA1.247411A | G | 0.4543 | 4006 |
| 1 chrA1.247499A | C | 0.2989 | 3898 |
| 1 chrA1.247567A | G | 0.291 | 3918 |
| 1 chrA1.247611C | A | 0.03635 | 3824 |
| 1 chrA1.247636A | G | 0.3376 | 3954 |
| 1 chrA1.247684G | A | 0.1176 | 3910 |
| 1 chrA1.247708C | A | 0.4387 | 4000 |
| 1 chrA1.247779A | G | 0.09639 | 3984 |
| 1 chrA1.247799A | G | 0.01939 | 3972 |
| 1 chrA1.247849G | A | 0.05689 | 4008 |
| 1 chrA1.247932A | G | 0.228 | 4004 |
| 1 chrA1.247949 | 0 A | 0 | 4006 |
| 1 chrA1.247976C | A | 0.1365 | 3970 |
| 1 chrA1.248008G | A | 0.0436 | 3922 |
| 1 chrA1.248100A | G | 0.08304 | 3986 |
| 1 chrA1.248154G | A | 0.08487 | 4006 |
| 1 chrA1.248197A | C | 0.0007493 | 4004 |
| 1 chrA1.248199C | A | 0.01226 | 3998 |
| 1 chrA1.248251A | G | 0.3032 | 3998 |
| 1 chrA1.248291G | A | 0.2179 | 3992 |
| 1 chrA1.248316A | G | 0.2685 | 3970 |
| 1 chrA1.248349A | G | 0.2173 | 4004 |
| 1 chrA1.248376G | A | 0.1168 | 4006 |
| 1 chrA1.248439C | A | 0.3704 | 3996 |
| 1 chrA1.248477C | A | 0.1877 | 3964 |
| 1 chrA1.248529A | G | 0.192 | 3980 |
| 1 chrA1.248579G | A | 0.3635 | 3818 |

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| 1 chrC2.127905G | A | 0.206 | 3990 |
| 1 chrA1.248611A | G | 0.03762 | 3854 |
| 1 chrA1.248664A | G | 0.1216 | 4006 |
| 1 chrA1.248709C | A | 0.3685 | 4000 |
| 1 chrA1.248759A | G | 0.4361 | 4006 |
| 1 chrA1.248806G | A | 0.1171 | 3964 |
| 1 chrA1.248837A | G | 0.08863 | 3994 |
| 1 chrA1.248876A | G | 0.02584 | 3986 |
| 1 chrA1.248989C | A | 0.121 | 3966 |
| 1 chrA1.249029C | A | 0.4117 | 3976 |
| 1 chrA1.249054C | A | 0.414 | 3918 |
| 1 chrE2.620873A | G | 0.1202 | 4000 |
| 1 chrA1.249119A | G | 0.1673 | 3706 |
| 1 chrA1.249182G | A | 0.4102 | 3954 |
| 1 chrA1.249206 | 0 A | 0 | 4008 |
| 1 chrA1.249306G | A | 0.4589 | 3970 |
| 1 chrA1.249358A | G | 0.412 | 3988 |
| 1 chrA1.249426A | G | 0.1893 | 4010 |
| 1 chrA1.249459G | A | 0.3699 | 3998 |
| 1 chrA1.249529G | A | 0.0527 | 4004 |
| 1 chrA1.249586G | A | 0.0979 | 4004 |
| 1 chrA1.249649A | C | 0.2033 | 3994 |
| 1 chrA1.249709A | G | 0.3644 | 3976 |
| 1 chrA1.249742A | G | 0.03792 | 3956 |
| 1 chrA1.249841A | C | 0.1784 | 3986 |
| 1 chrA1.249897A | G | 0.04499 | 3756 |
| 1 chrA1.249924A | G | 0.1025 | 3992 |
| 1 chrA1.249949G | A | 0.3422 | 3998 |
| 1 chrA1.249998A | G | 0.273 | 3964 |
| 1 chrA1.250066A | G | 0.3877 | 3988 |
| 1 chrA1.250122G | A | 0.4355 | 3954 |
| 1 chrA1.250148G | A | 0.203 | 4000 |
| 1 chrA1.250159A | G | 0.2405 | 4008 |
| 1 chrA1.250216A | G | 0.3636 | 4004 |
| 1 chrA1.250259G | A | 0.01048 | 4006 |
| 1 chrA1.250286A | G | 0.3046 | 3966 |
| 1 chrA1.250311A | C | 0.07117 | 3920 |
| 1 chrA1.250436A | C | 0.1645 | 4000 |
| 1 chrA1.250476A | G | 0.05642 | 3722 |
| 1 chrA1.250552G | A | 0.1436 | 3996 |
| 1 chrA1.250569A | G | 0.05644 | 4004 |

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|---------------|---|-----|-----------|------|
| 1 chrA1.25065 | G | A | 0.3318 | 3996 |
| 1 chrA1.25068 | A | G | 0.2779 | 4002 |
| 1 chrA1.25072 | G | A | 0.4052 | 3996 |
| 1 GHR.190 | | 0 A | 0 | 4000 |
| 1 GHR.226 | A | G | 0.0002499 | 4002 |
| 1 GHR.289 | | 0 A | 0 | 4010 |
| 1 GHR.416 | | 0 A | 0 | 4000 |
| 1 GHR.450 | | 0 A | 0 | 4002 |
| 1 chrA1.25076 | G | A | 0.4661 | 4006 |
| 1 chrA1.25079 | A | G | 0.2263 | 3982 |
| 1 chrA1.25082 | A | G | 0.02868 | 4010 |
| 1 chrA1.25088 | A | C | 0.2113 | 3976 |
| 1 chrA1.25091 | A | A | 0.2135 | 4000 |
| 1 chrA1.25094 | A | A | 0.07121 | 3988 |
| 1 chrA1.25097 | A | C | 0.2426 | 3998 |
| 1 chrA1.25101 | A | G | 0.05994 | 4004 |
| 1 chrA1.25104 | A | C | 0.255 | 4000 |
| 1 chrA1.25108 | A | G | 0.2808 | 3988 |
| 1 chrA1.25112 | C | A | 0.1048 | 3978 |
| 1 chrA1.25116 | A | A | 0.4324 | 4006 |
| 1 chrA1.25119 | A | A | 0.005826 | 3948 |
| 1 chrA1.25122 | A | A | 0.3227 | 4010 |
| 1 chrUn.17560 | A | A | 0.07933 | 3996 |
| 1 chrA1.25131 | A | G | 0.4249 | 4006 |
| 1 chrA1.25143 | G | A | 0.08158 | 3984 |
| 1 chrA1.25151 | A | G | 0.4258 | 4004 |
| 1 chrA1.25156 | A | A | 0.4753 | 3926 |
| 1 chrA1.25163 | A | A | 0.2777 | 3986 |
| 1 chrA1.25166 | C | A | 0.4457 | 3960 |
| 1 chrA1.25169 | A | G | 0.01747 | 4008 |
| 1 chrA1.25174 | A | G | 0.1095 | 4000 |
| 1 chrA1.25181 | A | A | 0.2176 | 3970 |
| 1 chrA1.25181 | A | A | 0.3492 | 3978 |
| 1 chrA1.25185 | A | A | 0.135 | 4000 |
| 1 chrA1.25191 | A | A | 0.09294 | 3992 |
| 1 chrA1.25193 | A | A | 0.2898 | 3940 |
| 1 chrA1.25194 | A | 0 G | 0 | 4010 |
| 1 chrA1.25198 | A | G | 0.2793 | 3978 |
| 1 chrA1.25203 | A | A | 0.06766 | 3946 |
| 1 chrA1.25208 | A | G | 0.4093 | 4000 |
| 1 chrA1.25214 | A | G | 0.256 | 3972 |

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| 1 chrA1.252181C | A | 0.01034 | 3870 |
| 1 chrA1.252207G | A | 0.3948 | 4002 |
| 1 chrA1.252234G | A | 0.1373 | 3984 |
| 1 chrA1.252275A | C | 0.1945 | 3866 |
| 1 chrA1.252305A | G | 0.3232 | 3998 |
| 1 chrA1.252401A | G | 0.08458 | 4008 |
| 1 chrA1.252427G | A | 0.2059 | 4002 |
| 1 chrA1.252475G | A | 0.445 | 3998 |
| 1 chrA1.252501G | A | 0.454 | 3998 |
| 1 chrA1.252555G | A | 0.251 | 4004 |
| 1 chrA1.252586A | G | 0.04973 | 4002 |
| 1 chrA1.252634A | G | 0.1268 | 4006 |
| 1 chrA1.252676A | G | 0.1273 | 3990 |
| 1 chrA1.252695A | G | 0.4158 | 4004 |
| 1 chrA1.252722G | A | 0.3939 | 3998 |
| 1 chrA1.252806G | A | 0.3303 | 3996 |
| 1 chrA1.252856C | A | 0.08059 | 4008 |
| 1 chrA1.252996A | G | 0.05264 | 4008 |
| 1 chrA1.253035C | A | 0.1086 | 4004 |
| 1 chrA1.253075C | A | 0.3093 | 4002 |
| 1 chrA1.253084G | A | 0.3824 | 4004 |
| 1 chrA1.253114A | C | 0.4108 | 3712 |
| 1 chrA1.253156A | G | 0.05873 | 3916 |
| 1 chrA1.253175G | A | 0.3789 | 3996 |
| 1 chrA1.253266G | A | 0.1978 | 3998 |
| 1 chrA1.253296G | A | 0.2326 | 3990 |
| 1 chrA1.253425A | G | 0.3369 | 3980 |
| 1 chrA1.253491G | A | 0.441 | 3948 |
| 1 chrA1.253546A | G | 0.4942 | 3960 |
| 1 chrA1.253586A | C | 0.3517 | 3912 |
| 1 chrA1.253631A | G | 0.1396 | 4004 |
| 1 chrA1.253671C | A | 0.1776 | 3976 |
| 1 chrA1.253737G | A | 0.02521 | 4006 |
| 1 chrA1.253787G | A | 0.008246 | 4002 |
| 1 chrA1.253849G | A | 0.2224 | 3992 |
| 1 chrA1.253881A | G | 0.1502 | 4000 |
| 1 chrA1.253917A | G | 0.2242 | 4006 |
| 1 chrA1.254036A | G | 0.1981 | 3968 |
| 1 chrA1.254098A | G | 0.4434 | 3994 |
| 1 chrA1.254117 | 0 G | 0 | 4010 |
| 1 chrA1.254122A | G | 0.4762 | 3988 |

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|---------------|---|---|----------|------|
| 1 chrUn3.1179 | C | A | 0.2714 | 3998 |
| 1 chrA1.25417 | C | A | 0.04039 | 3986 |
| 1 chrA1.25422 | A | G | 0.3008 | 3976 |
| 1 chrA1.25425 | C | G | 0.1233 | 3998 |
| 1 chrA1.25434 | G | A | 0.09276 | 3924 |
| 1 chrA1.25437 | A | C | 0.1067 | 3994 |
| 1 chrA1.25441 | A | G | 0.3942 | 3980 |
| 1 chrA1.25444 | A | G | 0.4567 | 3900 |
| 1 chrA1.25454 | G | A | 0.3822 | 4006 |
| 1 chrUn16.835 | G | A | 0.08887 | 4006 |
| 1 chrA1.25457 | C | G | 0.1596 | 4004 |
| 1 chrA1.25460 | A | G | 0.4854 | 3986 |
| 1 chrA1.25463 | C | A | 0.3402 | 3968 |
| 1 chrA1.25466 | C | A | 0.3318 | 3984 |
| 1 chrA1.25468 | A | G | 0.4536 | 3966 |
| 1 chrA1.25472 | C | G | 0.09166 | 4004 |
| 1 chrA1.25474 | A | C | 0.4892 | 3972 |
| 1 chrA1.25482 | G | A | 0.1357 | 4008 |
| 1 chrA1.25488 | A | G | 0.06413 | 3992 |
| 1 chrA1.25502 | A | G | 0.499 | 3994 |
| 1 chrA1.25521 | A | G | 0.08743 | 3946 |
| 1 chrA1.25520 | A | G | 0.0411 | 3796 |
| 1 chrUn.70700 | A | G | 0.2411 | 3970 |
| 1 chrA1.25526 | A | G | 0.4712 | 3992 |
| 1 chrA1.25532 | A | G | 0.3585 | 4000 |
| 1 chrA1.25539 | A | G | 0.0684 | 4006 |
| 1 chrA1.25542 | A | G | 0.09964 | 3874 |
| 1 chrA1.25545 | A | G | 0.3555 | 4006 |
| 1 chrA1.25548 | A | G | 0.08143 | 3942 |
| 1 chrA1.25553 | A | G | 0.07335 | 4008 |
| 1 chrA1.25557 | A | G | 0.2203 | 3994 |
| 1 chrA1.25562 | A | G | 0.1178 | 3998 |
| 1 chrA1.25566 | A | G | 0.00399 | 4010 |
| 1 chrA1.25569 | A | G | 0.003998 | 4002 |
| 1 chrA1.25575 | A | G | 0.09016 | 4004 |
| 1 chrA1.25579 | A | G | 0.3743 | 3994 |
| 1 chrA1.25595 | A | G | 0.02934 | 3988 |
| 1 chrA1.25598 | A | G | 0.301 | 4006 |
| 1 chrA1.25602 | A | G | 0.08175 | 3902 |
| 1 chrA1.25605 | A | G | 0.4857 | 3916 |
| 1 chrA1.25609 | C | A | 0.4605 | 3970 |

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| 1 chrA1.256175G | A | 0.04283 | 3946 |
| 1 chrA1.256204G | A | 0.1954 | 4002 |
| 1 chrA1.256259A | G | 0.221 | 3914 |
| 1 chrA1.256434G | A | 0.1535 | 3986 |
| 1 chrA1.256496A | G | 0.1414 | 4002 |
| 1 chrA1.256549A | G | 0.0732 | 3948 |
| 1 chrA1.256709G | A | 0.1692 | 3860 |
| 1 chrA1.256809G | A | 0.1998 | 3978 |
| 1 chrA1.256839G | A | 0.1651 | 3828 |
| 1 chrA1.257019G | A | 0.3856 | 3994 |
| 1 chrA1.257044A | G | 0.4992 | 3916 |
| 1 chrA1.257079A | C | 0.3125 | 3936 |
| 1 chrA1.257159A | G | 0.4959 | 3938 |
| 1 chrA1.257241A | G | 0.1519 | 3976 |
| 1 chrA1.257407G | A | 0.4131 | 4004 |
| 1 chrA1.257487C | A | 0.2399 | 3998 |
| 1 chrA1.257589G | A | 0.2574 | 3998 |
| 1 chrA1.257779A | G | 0.4299 | 3936 |
| 1 chrUn3.78206G | A | 0.01775 | 3944 |
| 1 chrA1.257847G | A | 0.4523 | 4002 |
| 1 chrA1.257874C | A | 0.2389 | 4006 |
| 1 chrA1.257917A | C | 0.02881 | 3784 |
| 1 chrA1.257937A | C | 0.151 | 4006 |
| 1 chrC2.778516G | A | 0.4679 | 3992 |
| 1 chrC2.779216G | A | 0.1741 | 3912 |
| 1 chrC2.779659A | G | 0.2385 | 4004 |
| 1 chrC2.780268G | A | 0.4332 | 3936 |
| 1 chrC2.782036A | G | 0.3078 | 3996 |
| 1 chrA1.258256G | A | 0.217 | 3714 |
| 1 chrA1.258328A | G | 0.2738 | 3978 |
| 1 chrA1.258301C | A | 0.2448 | 3782 |
| 1 chrA1.258344A | C | 0.1231 | 3988 |
| 1 chrA1.258409A | G | 0.04788 | 4010 |
| 1 chrA1.258448G | A | 0.1268 | 4006 |
| 1 chrA1.258507A | G | 0.06412 | 4008 |
| 1 chrA1.258536A | C | 0.4255 | 4002 |
| 1 chrA1.258584G | A | 0.01219 | 3938 |
| 1 chrA1.258647G | A | 0.2773 | 4006 |
| 1 chrA1.258727G | A | 0.1884 | 4002 |
| 1 chrA1.258756G | A | 0.1553 | 3916 |
| 1 chrA1.258799C | A | 0.4491 | 3992 |

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| 1 chrA1.258852A | C | 0.3513 | 4002 |
| 1 chrA1.258891A | C | 0.3353 | 3988 |
| 1 chrA1.258949G | A | 0.1091 | 4004 |
| 1 chrA1.258973G | A | 0.3123 | 4000 |
| 1 chrA1.259102A | C | 0.05 | 4000 |
| 1 chrA1.259131A | G | 0.3591 | 4002 |
| 1 chrA1.259181A | G | 0.1841 | 4008 |
| 1 chrA1.259227C | A | 0.4543 | 4002 |
| 1 chrA1.259270A | G | 0.2756 | 3988 |
| 1 chrA1.259316G | A | 0.3453 | 4002 |
| 1 chrA1.259341A | G | 0.2764 | 3914 |
| 1 chrA1.259370A | C | 0.3334 | 3956 |
| 1 chrA1.259401G | A | 0.02096 | 4008 |
| 1 chrA1.259427A | C | 0.2199 | 4002 |
| 1 chrA1.259460A | G | 0.1891 | 3998 |
| 1 chrA1.259495G | A | 0.4258 | 4002 |
| 1 chrA1.259539A | G | 0.07196 | 3738 |
| 1 chrA1.259631A | G | 0.3095 | 4010 |
| 1 chrA1.259668A | G | 0.151 | 3994 |
| 1 chrA1.259692A | G | 0.4675 | 4004 |
| 1 chrA1.259717G | A | 0.3254 | 4004 |
| 1 chrA1.259800A | G | 0.2887 | 3900 |
| 1 chrA1.259904G | A | 0.3133 | 3996 |
| 1 chrA1.259963A | G | 0.00275 | 4000 |
| 1 chrX.7335958A | C | 0.01077 | 3992 |
| 1 chrA1.260021C | A | 0.09731 | 4008 |
| 1 chrA1.260038C | A | 0.387 | 3984 |
| 1 chrA1.260160G | A | 0.2143 | 4004 |
| 1 chrA1.260235G | A | 0.4162 | 3996 |
| 1 chrA1.260291G | A | 0.0496 | 3952 |
| 1 chrA1.260340G | A | 0.4987 | 3988 |
| 1 chrA1.260443G | A | 0.05657 | 3924 |
| 1 chrA1.260476G | A | 0.2375 | 4000 |
| 1 chrA1.260512A | G | 0.03284 | 3928 |
| 1 chrA1.260574 | 0 A | 0 | 4008 |
| 1 chrA1.260614C | A | 0.3907 | 4000 |
| 1 chrA1.260672A | G | 0.04028 | 3848 |
| 1 chrA1.260719A | G | 0.3786 | 3954 |
| 1 chrA1.260761A | C | 0.015 | 3866 |
| 1 chrA1.260808A | C | 0.1461 | 3984 |
| 1 chrA1.260842A | G | 0.4189 | 3968 |

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| 1 chrA1.260876A | G | 0.1708 | 4004 |
| 1 chrA1.260944A | G | 0.1303 | 3592 |
| 1 chrA1.260980G | A | 0.2606 | 3998 |
| 1 chrA1.261012G | A | 0.4972 | 3960 |
| 1 chrA1.261078A | C | 0.3941 | 3984 |
| 1 chrA1.261108A | C | 0.3496 | 3982 |
| 1 chrA1.261150A | G | 0.3986 | 3904 |
| 1 chrA1.261205A | G | 0.3798 | 3852 |
| 1 chrA1.261250A | G | 0.2572 | 4004 |
| 1 chrA1.261351G | A | 0.02176 | 3998 |
| 1 chrA1.261375A | G | 0.2318 | 3714 |
| 1 chrA1.261417G | A | 0.02286 | 3980 |
| 1 chrA1.261445A | G | 0.2655 | 4004 |
| 1 chrA1.261504G | A | 0.3591 | 4004 |
| 1 chrA1.261597A | G | 0.4631 | 3826 |
| 1 chrA1.261624A | G | 0.02385 | 3984 |
| 1 chrA1.261660A | G | 0.0186 | 3924 |
| 1 chrA1.261688G | A | 0.4067 | 4000 |
| 1 chrA1.261715A | G | 0.1626 | 3998 |
| 1 chrA1.261767G | A | 0.2985 | 4004 |
| 1 chrA1.261797A | C | 0.01563 | 3838 |
| 1 chrA1.261839A | G | 0.474 | 3958 |
| 1 chrA1.261877G | A | 0.04202 | 3998 |
| 1 chrA1.261911G | A | 0.1147 | 3966 |
| 1 chrA1.261938A | G | 0.1564 | 4002 |
| 1 chrA1.261969A | G | 0.04379 | 3996 |
| 1 chrA1.262022G | A | 0.03856 | 3916 |
| 1 chrA1.262054A | G | 0.2465 | 3996 |
| 1 chrA1.262086A | C | 0.003992 | 4008 |
| 1 chrA1.262152A | G | 0.3117 | 3760 |
| 1 chrA1.262178A | G | 0.2509 | 3958 |
| 1 chrA1.262212A | G | 0.4877 | 3990 |
| 1 chrA1.262237A | G | 0.0524 | 4008 |
| 1 chrA1.262287A | G | 0.2304 | 3976 |
| 1 chrA1.262338G | A | 0.2315 | 4008 |
| 1 chrA1.262368A | G | 0.3947 | 3960 |
| 1 chrA1.262408A | G | 0.3772 | 3990 |
| 1 chrUn.411669A | G | 0.3036 | 3864 |
| 1 chrA1.262475G | A | 0.4535 | 4000 |
| 1 chrA1.262521A | G | 0.3086 | 3986 |
| 1 chrA1.262610A | C | 0.001747 | 4008 |

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| 1 chrA1.262640G | A | 0.3217 | 4004 |
| 1 chrA1.262676A | G | 0.3119 | 3998 |
| 1 chrA1.262745A | C | 0.2891 | 3992 |
| 1 chrA1.262807A | G | 0.1124 | 3780 |
| 1 chrA1.262868G | A | 0.1125 | 3982 |
| 1 chrA1.262917G | A | 0.3817 | 3974 |
| 1 chrA1.263041C | A | 0.2154 | 3992 |
| 1 chrA1.263067C | A | 0.1181 | 3998 |
| 1 chrA1.263091G | A | 0.3812 | 3972 |
| 1 chrA1.263155A | G | 0.3116 | 3980 |
| 1 chrA1.263185A | G | 0.419 | 3986 |
| 1 chrA1.263234G | A | 0.042 | 3976 |
| 1 chrA1.263258A | G | 0.1898 | 4004 |
| 1 chrA1.263282A | G | 0.3189 | 3998 |
| 1 chrA1.263314C | A | 0.1891 | 3992 |
| 1 chrA1.263377G | A | 0.05763 | 3852 |
| 1 chrA1.263421C | A | 0.4514 | 3910 |
| 1 chrA1.263428G | A | 0.1529 | 3996 |
| 1 chrA1.263495G | A | 0.1093 | 4008 |
| 1 chrA1.263519A | G | 0.4803 | 3958 |
| 1 chrA1.263549A | G | 0.003245 | 4006 |
| 1 chrA1.263569G | A | 0.2328 | 4008 |
| 1 chrA1.263598A | G | 0.2971 | 4002 |
| 1 chrUn.746670A | G | 0.4721 | 3942 |
| 1 chrA1.263631G | A | 0.2762 | 3994 |
| 1 chrA1.263662A | G | 0.3807 | 3714 |
| 1 chrA1.263671A | G | 0.03521 | 4004 |
| 1 chrA1.263717A | C | 0.4019 | 3976 |
| 1 chrA1.263775A | G | 0.04541 | 4008 |
| 1 chrA1.263819A | G | 0.02481 | 3990 |
| 1 chrA1.263851A | C | 0.3322 | 3994 |
| 1 chrA1.263880A | G | 0.4085 | 3990 |
| 1 chrA1.263958A | G | 0.1099 | 3994 |
| 1 chrA1.263991G | A | 0.4761 | 3976 |
| 1 chrA1.264028A | G | 0.1763 | 3902 |
| 1 chrA1.264117G | A | 0.2498 | 4008 |
| 1 chrA1.264195C | A | 0.01472 | 4008 |
| 1 chrA1.264244A | G | 0.1318 | 4006 |
| 1 chrA1.264278C | A | 0.4713 | 4002 |
| 1 chrA1.264392A | G | 0.004004 | 3996 |
| 1 chrA1.264534A | G | 0.2162 | 4010 |

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| 1 chrUn.99447 | A | C | 0.4066 | 3908 |
| 1 chrA1.26461 | G | A | 0.466 | 4004 |
| 1 chrA1.26468 | G | A | 0.2462 | 4000 |
| 1 chrA1.26473 | C | A | 0.4957 | 3948 |
| 1 chrA1.26478 | A | C | 0.07718 | 3952 |
| 1 chrA1.26483 | A | G | 0.4688 | 4006 |
| 1 chrA1.26486 | A | G | 0.02858 | 3884 |
| 1 chrA1.26500 | A | C | 0.1096 | 4004 |
| 1 chrA1.26510 | A | C | 0.02819 | 4008 |
| 1 chrA1.26514 | A | G | 0.2378 | 3806 |
| 1 chrA1.26519 | A | G | 0.08204 | 3986 |
| 1 chrA1.26524 | G | A | 0.4247 | 3986 |
| 1 chrA1.26527 | G | A | 0.05625 | 4000 |
| 1 chrA1.26530 | G | A | 0 | 4010 |
| 1 chrA1.26532 | A | G | 0.01548 | 4006 |
| 1 chrA1.26535 | C | A | 0.4704 | 3958 |
| 1 chrA1.26537 | A | C | 0.04673 | 3916 |
| 1 chrA1.26538 | A | G | 0.07855 | 3794 |
| 1 chrA1.26541 | A | G | 0.2924 | 3964 |
| 1 chrA1.26546 | A | G | 0.04042 | 4008 |
| 1 chrA1.26550 | C | A | 0.1658 | 4006 |
| 1 chrA1.26553 | G | A | 0.2588 | 3996 |
| 1 chrA1.26559 | A | G | 0.4887 | 3982 |
| 1 chrA1.26565 | G | A | 0.09415 | 3866 |
| 1 chrA1.26567 | A | C | 0.09061 | 4006 |
| 1 chrA1.26570 | A | G | 0.1055 | 3990 |
| 1 chrA1.26573 | G | A | 0.2032 | 4010 |
| 1 chrA1.26581 | G | A | 0.4865 | 3994 |
| 1 chrA1.26587 | G | A | 0.06035 | 3894 |
| 1 chrA1.26590 | G | A | 0.2114 | 4002 |
| 1 chrA1.26593 | G | A | 0.1584 | 3852 |
| 1 chrA1.26599 | G | A | 0.4282 | 3984 |
| 1 chrA1.26602 | A | G | 0.2853 | 4006 |
| 1 chrA1.26605 | A | G | 0.1055 | 3990 |
| 1 chrA1.26614 | A | G | 0.3654 | 3930 |
| 1 chrA1.26622 | A | G | 0.4722 | 3992 |
| 1 chrA1.26625 | G | A | 0.07729 | 3998 |
| 1 chrA1.26628 | G | A | 0.001754 | 3992 |
| 1 chrA1.26628 | C | A | 0.2515 | 4004 |
| 1 chrA1.26634 | A | G | 0.2538 | 4000 |
| 1 chrA1.26640 | A | C | 0.1821 | 3998 |

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| 1 chrA1.266451G | A | 0.4494 | 3952 |
| 1 chrA1.266514A | G | 0.2743 | 3726 |
| 1 chrA1.266545A | G | 0.07348 | 3960 |
| 1 chrA1.266606A | G | 0.381 | 3992 |
| 1 chrUn.553609A | C | 0.09416 | 4004 |
| 1 chrA1.266635C | A | 0.04349 | 3932 |
| 1 chrA1.266698G | A | 0.2022 | 3992 |
| 1 chrA1.266752A | G | 0.2986 | 4002 |
| 1 chrA1.266795A | G | 0.04539 | 3922 |
| 1 chrA1.266855A | G | 0.1291 | 4006 |
| 1 chrA1.266895C | A | 0.01871 | 4008 |
| 1 chrA1.266959A | C | 0.04439 | 4010 |
| 1 chrA1.266987C | A | 0.0528 | 3996 |
| 1 chrA1.267031A | G | 0.008134 | 3934 |
| 1 chrA1.267104G | A | 0.04768 | 4006 |
| 1 chrA1.267135A | G | 0.03159 | 3862 |
| 1 chrA1.267165G | A | 0.03746 | 3978 |
| 1 chrA1.267185 | 0 A | 0 | 4010 |
| 1 chrA1.267211A | G | 0.0255 | 4000 |
| 1 chrA1.267247G | A | 0.3582 | 3948 |
| 1 chrA1.267275G | A | 0.4453 | 4006 |
| 1 chrA1.267317G | A | 0.4471 | 4006 |
| 1 chrA1.267368G | A | 0.1044 | 3994 |
| 1 chrA1.267425C | A | 0.1039 | 3996 |
| 1 chrA1.267475A | G | 0.1045 | 4000 |
| 1 chrA1.267516G | A | 0.408 | 4000 |
| 1 chrA1.267548C | A | 0.1453 | 3992 |
| 1 chrA1.267632A | G | 0.4655 | 3940 |
| 1 chrA1.267687G | A | 0.26 | 4008 |
| 1 chrA1.267711A | G | 0.2645 | 4004 |
| 1 chrA1.267751G | A | 0.332 | 3988 |
| 1 chrA1.267786A | G | 0.493 | 3992 |
| 1 chrA1.267815G | A | 0.00974 | 4004 |
| 1 chrA1.267874A | C | 0.1146 | 3954 |
| 1 chrA1.267908A | G | 0.1236 | 4006 |
| 1 chrA1.267976A | G | 0.1195 | 3756 |
| 1 chrUn.522241C | A | 0.2303 | 3990 |
| 1 chrA1.268004A | G | 0.2762 | 4000 |
| 1 chrA1.268046C | A | 0.2513 | 3984 |
| 1 chrA1.268075G | A | 0.1307 | 4002 |
| 1 chrA1.268112A | G | 0.01646 | 4010 |

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| 1 chrA1.268162G | A | 0.2156 | 4008 |
| 1 chrA1.268189A | G | 0.3718 | 4002 |
| 1 chrUn.134451A | G | 0.1555 | 3704 |
| 1 chrA1.268239A | G | 0.01698 | 3886 |
| 1 chrUn.271771A | G | 0.2165 | 3838 |
| 1 chrA1.268340G | A | 0.3713 | 3978 |
| 1 chrA1.268374G | A | 0.0669 | 4006 |
| 1 chrA1.268427A | G | 0.3607 | 3848 |
| 1 chrA1.268492G | A | 0.3838 | 3848 |
| 1 chrA1.268526G | A | 0.2841 | 3988 |
| 1 chrA1.268573A | G | 0.3598 | 3908 |
| 1 chrA1.268635G | A | 0.2936 | 3998 |
| 1 chrA1.268717C | A | 0.3218 | 3984 |
| 1 chrA1.268754A | C | 0.417 | 4000 |
| 1 chrA1.268797A | G | 0.1543 | 4004 |
| 1 chrA1.268838G | A | 0.4064 | 3804 |
| 1 chrA1.268867A | C | 0.3786 | 3988 |
| 1 chrA1.268897G | A | 0.3353 | 3958 |
| 1 chrA1.268911A | G | 0.03639 | 3902 |
| 1 chrA1.268948A | G | 0.3161 | 3992 |
| 1 chrA1.268975G | A | 0.00975 | 4000 |
| 1 chrA1.269008G | A | 0.3293 | 3996 |
| 1 chrA1.269050A | G | 0.2848 | 3992 |
| 1 chrA1.269092G | A | 0.4912 | 3882 |
| 1 chrA1.269137A | G | 0.2034 | 3988 |
| 1 chrA1.269215A | C | 0.1998 | 3978 |
| 1 chrA1.269260A | G | 0.1778 | 3870 |
| 1 chrA1.269304G | A | 0.3634 | 3990 |
| 1 chrA1.269355A | G | 0.3529 | 3956 |
| 1 chrA1.269380A | G | 0.1874 | 3996 |
| 1 chrA1.269415G | A | 0.4403 | 4000 |
| 1 chrA1.269453A | G | 0.1732 | 4002 |
| 1 chrA1.269510G | A | 0.3279 | 3992 |
| 1 chrA1.269552C | A | 0.3959 | 3718 |
| 1 chrA1.269611A | C | 0.4323 | 4004 |
| 1 chrA1.269646C | A | 0.443 | 3966 |
| 1 chrA1.269702G | A | 0.2715 | 3992 |
| 1 chrA1.269765A | G | 0.395 | 3934 |
| 1 chrA1.269838C | A | 0.3025 | 3950 |
| 1 chrA1.269862A | G | 0.06545 | 3988 |
| 1 chrA1.269887C | A | 0.1272 | 3986 |

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| 1 chrA1.269914A | G | 0.2122 | 3808 |
| 1 chrA1.269938A | G | 0.05769 | 3744 |
| 1 chrA1.269986A | G | 0.2524 | 3998 |
| 1 chrA1.270024A | G | 0.1573 | 4004 |
| 1 chrUn.717183A | G | 0.07574 | 3842 |
| 1 chrUn.191716A | G | 0.4004 | 3856 |
| 1 chrA1.270111A | G | 0.1767 | 3944 |
| 1 chrC2.525971G | A | 0.002244 | 4010 |
| 1 chrA1.270143A | G | 0.4619 | 3994 |
| 1 chrA1.270172A | G | 0.2142 | 3982 |
| 1 chrA1.270265A | G | 0.4735 | 4002 |
| 1 chrA1.270295C | A | 0.1773 | 4010 |
| 1 chrA1.270306A | G | 0.4039 | 3996 |
| 1 chrA1.270311G | A | 0.4715 | 3994 |
| 1 chrA1.270353G | A | 0.3238 | 4002 |
| 1 chrA1.270377G | A | 0.02396 | 4006 |
| 1 chrA1.270439A | G | 0.3268 | 3966 |
| 1 chrA1.270494G | A | 0.3605 | 3992 |
| 1 chrA1.270542A | G | 0.3511 | 4004 |
| 1 chrA1.270643G | A | 0.3096 | 4002 |
| 1 chrA1.270755G | A | 0.004741 | 4008 |
| 1 chrA1.270777A | G | 0.2996 | 3902 |
| 1 chrA1.270867A | C | 0.05977 | 3614 |
| 1 chrA1.270955G | A | 0.1583 | 4006 |
| 1 chrA1.270996A | G | 0.1512 | 4008 |
| 1 chrA1.271042A | G | 0.1729 | 3990 |
| 1 chrA1.271089A | G | 0.1204 | 3980 |
| 1 chrA1.271143C | A | 0.2157 | 3996 |
| 1 chrA1.271193A | C | 0.2516 | 3994 |
| 1 chrA1.271295G | A | 0.2359 | 4006 |
| 1 chrA1.271345G | A | 0.09356 | 4008 |
| 1 chrA1.271376A | G | 0.2067 | 4000 |
| 1 chrA1.271411A | G | 0.1676 | 4004 |
| 1 chrA1.271452A | G | 0.1958 | 4010 |
| 1 chrA1.271504A | G | 0.3822 | 3972 |
| 1 chrA1.271536C | A | 0.09157 | 4008 |
| 1 chrA1.271556G | A | 0.4825 | 4004 |
| 1 chrA1.271585A | G | 0.4293 | 3958 |
| 1 chrA1.271627G | A | 0.4279 | 3982 |
| 1 chrA1.271716C | 0 A | 0 | 4010 |
| 1 chrA1.271718G | A | 0.3374 | 4004 |

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| 1 chrA1.271751A | G | 0.09193 | 3992 |
| 1 chrA1.271788G | A | 0.1339 | 4002 |
| 1 chrA1.271819A | C | 0.2345 | 3988 |
| 1 chrA1.271887A | G | 0.4144 | 3994 |
| 1 chrA1.271942G | A | 0.1334 | 4002 |
| 1 chrA1.271991G | A | 0.1166 | 4006 |
| 1 chrA1.272042G | A | 0.1249 | 4002 |
| 1 chrA1.272088A | G | 0.1225 | 3788 |
| 1 chrA1.272117G | A | 0.3859 | 3998 |
| 1 chrA1.272142G | A | 0.1274 | 3988 |
| 1 chrA1.272175A | C | 0.3093 | 3944 |
| 1 chrA1.272230G | A | 0.4626 | 3934 |
| 1 chrA1.272300A | G | 0.03581 | 3770 |
| 1 chrA1.272321A | G | 0.05273 | 3850 |
| 1 chrA1.272368A | C | 0.09475 | 4000 |
| 1 chrA1.272417A | G | 0.2481 | 3978 |
| 1 chrA1.272478A | G | 0.1239 | 4010 |
| 1 chrA1.272507A | C | 0.06266 | 3942 |
| 1 chrA1.272562G | A | 0.3131 | 4002 |
| 1 chrA1.272586A | G | 0.0002494 | 4010 |
| 1 chrA1.272600G | A | 0.3715 | 3906 |
| 1 chrA1.272690A | G | 0.4924 | 3936 |
| 1 chrUn1.15197C | A | 0.2282 | 3984 |
| 1 chrA1.272739G | A | 0.4883 | 4000 |
| 1 chrA1.272786G | A | 0.4898 | 4002 |
| 1 chrA1.272824A | G | 0.4814 | 3980 |
| 1 chrA1.272853G | A | 0.1189 | 4004 |
| 1 chrA1.272909A | G | 0.1302 | 3954 |
| 1 chrA1.272970G | A | 0.159 | 4000 |
| 1 chrA1.273021A | G | 0.3396 | 4002 |
| 1 chrA1.273067G | A | 0.1202 | 3994 |
| 1 chrA1.273107A | C | 0.2324 | 3958 |
| 1 chrA1.273138A | G | 0.05272 | 4002 |
| 1 chrUn.545727G | A | 0.2256 | 3954 |
| 1 chrA1.273166G | A | 0.08584 | 3996 |
| 1 chrA1.273194A | G | 0.2673 | 3980 |
| 1 chrA1.273222A | G | 0.1286 | 3998 |
| 1 chrA1.273262A | C | 0.4562 | 3880 |
| 1 chrUn.239241A | G | 0.266 | 3824 |
| 1 chrA1.273394A | G | 0.18 | 3994 |
| 1 chrA1.273435A | G | 0.2375 | 3950 |

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| 1 chrA1.273488A | C | 0.3272 | 3778 |
| 1 chrA1.273628A | C | 0.2446 | 3978 |
| 1 chrA1.273668A | G | 0.07849 | 3988 |
| 1 chrA1.273697A | G | 0.2479 | 4002 |
| 1 chrA1.273769G | A | 0.4354 | 3996 |
| 1 chrA1.273838A | G | 0.3242 | 4004 |
| 1 chrA1.273868C | A | 0.2245 | 4004 |
| 1 chrA1.273878A | G | 0.02248 | 4004 |
| 1 chrA1.273904C | A | 0.3119 | 3940 |
| 1 chrA1.273938A | G | 0.04491 | 4008 |
| 1 chrA1.273989G | A | 0.3595 | 3994 |
| 1 chrA1.274044G | A | 0.3419 | 3966 |
| 1 chrA1.274108A | G | 0.07049 | 3972 |
| 1 chrA1.274124G | A | 0.255 | 4004 |
| 1 chrA1.274167C | A | 0.1324 | 3974 |
| 1 chrA1.274218G | A | 0.3528 | 3960 |
| 1 chrA1.274271G | A | 0.34 | 3968 |
| 1 chrA1.274348A | G | 0.2127 | 4006 |
| 1 chrA1.274374G | A | 0.3926 | 3996 |
| 1 chrA1.274444G | A | 0.4788 | 4002 |
| 1 chrA1.274476A | G | 0.4609 | 3912 |
| 1 chrA1.274508G | A | 0.4844 | 3984 |
| 1 chrA1.274548G | A | 0.294 | 4000 |
| 1 chrA1.274598A | G | 0.1958 | 3998 |
| 1 chrA1.274641A | G | 0.1662 | 3976 |
| 1 chrA1.274674C | A | 0.1419 | 3968 |
| 1 chrA1.274717A | G | 0.2964 | 4008 |
| 1 chrA1.274758G | A | 0.223 | 4004 |
| 1 chrA1.274768G | A | 0.03343 | 4008 |
| 1 chrA1.274798A | G | 0.1295 | 4008 |
| 1 chrA1.274861A | G | 0.4243 | 4004 |
| 1 chrA1.274898G | A | 0.3073 | 4002 |
| 1 chrA1.275002G | A | 0.2828 | 3996 |
| 1 chrA1.275032G | A | 0.08857 | 4008 |
| 1 chrA1.275108A | G | 0.1864 | 3996 |
| 1 chrA1.275148G | A | 0.1938 | 3998 |
| 1 chrA1.275188C | A | 0.173 | 4006 |
| 1 chrA1.275247A | G | 0.3094 | 3934 |
| 1 chrA1.275331G | A | 0.3539 | 4004 |
| 1 chrA1.275372A | G | 0.07912 | 3994 |
| 1 chrA1.275441G | A | 0.2386 | 3898 |

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| 1 chrA1.275506 | A | 0.08996 | 4002 |
| 1 chrA1.275549 | C | 0.3456 | 3996 |
| 1 chrA1.275638 | G | 0.282 | 3936 |
| 1 chrA1.275659 | C | 0.4687 | 3674 |
| 1 chrA1.275719 | G | 0.4436 | 3954 |
| 1 chrA1.275752 | G | 0.07111 | 3994 |
| 1 chrA1.275809 | G | 0.2207 | 3996 |
| 1 chrA1.275846 | A | 0.3265 | 3960 |
| 1 chrA1.275897 | G | 0.3513 | 3942 |
| 1 chrA1.275932 | C | 0.1859 | 4008 |
| 1 chrA1.275992 | G | 0.481 | 3996 |
| 1 chrA1.276029 | A | 0.1591 | 3928 |
| 1 chrA1.276129 | A | 0.1691 | 4004 |
| 1 chrA1.276174 | A | 0.2678 | 4000 |
| 1 chrA1.276206 | A | 0.2391 | 4002 |
| 1 chrUn.590007 | A | 0.125 | 4008 |
| 1 chrA1.276238 | A | 0.4534 | 3990 |
| 1 chrA1.276296 | A | 0.1021 | 3840 |
| 1 chrA1.276317 | G | 0.3407 | 3998 |
| 1 chrA1.276389 | G | 0.384 | 3948 |
| 1 chrA1.276444 | A | 0.289 | 3906 |
| 1 chrA1.276480 | A | 0.2865 | 3996 |
| 1 chrA1.276598 | G | 0.3889 | 4004 |
| 1 chrA1.276659 | A | 0.245 | 4004 |
| 1 chrA1.276738 | G | 0.2345 | 4008 |
| 1 chrA1.276789 | A | 0.2573 | 3906 |
| 1 chrA1.276829 | A | 0.08458 | 4008 |
| 1 chrA1.276854 | G | 0.4429 | 4008 |
| 1 chrA1.276887 | A | 0.01598 | 4004 |
| 1 chrA1.276919 | A | 0.03518 | 4008 |
| 1 chrA1.277029 | A | 0.3897 | 3998 |
| 1 chrA1.277059 | G | 0.487 | 3760 |
| 1 chrA1.277110 | C | 0.2124 | 4006 |
| 1 chrA1.277140 | G | 0.1518 | 3980 |
| 1 chrA1.277151 | G | 0.2302 | 4000 |
| 1 chrA1.277190 | A | 0.3717 | 3998 |
| 1 chrA1.277249 | G | 0.1089 | 4002 |
| 1 chrA1.277274 | A | 0.2051 | 3984 |
| 1 chrA1.277310 | A | 0.2885 | 3990 |
| 1 chrA1.277364 | A | 0.01052 | 3992 |
| 1 chrA1.277399 | G | 0.3327 | 3998 |

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| 1 chrA1.277524 | G | 0.1086 | 3998 |
| 1 chrA1.277568 | A | 0.4416 | 3972 |
| 1 chrA1.277487 | A | 0.373 | 3920 |
| 1 chrA1.277607 | A | 0.1291 | 3996 |
| 1 chrA1.277658 | G | 0.2314 | 3954 |
| 1 chrA1.277751 | A | 0.3474 | 4004 |
| 1 chrA1.277792 | G | 0.05639 | 3884 |
| 1 chrA1.277845 | G | 0.3123 | 4006 |
| 1 chrA1.277892 | G | 0.4433 | 4002 |
| 1 chrA1.277966 | A | 0.4092 | 4008 |
| 1 chrA1.277991 | G | 0.000998 | 4008 |
| 1 chrA1.278024 | G | 0.1971 | 4004 |
| 1 chrA1.278049 | G | 0.1434 | 4002 |
| 1 chrA1.278085 | A | 0.03343 | 4008 |
| 1 chrA1.278139 | A | 0.3625 | 4006 |
| 1 chrA1.278172 | C | 0.1186 | 3668 |
| 1 chrA1.278216 | A | 0.3378 | 4002 |
| 1 chrA1.278256 | A | 0.3338 | 4008 |
| 1 chrA1.278281 | C | 0.1623 | 3918 |
| 1 chrA1.278305 | G | 0.1056 | 4006 |
| 1 chrA1.278349 | G | 0.143 | 3930 |
| 1 chrA1.278409 | G | 0.2617 | 4008 |
| 1 chrA1.278440 | A | 0.4838 | 4006 |
| 1 chrA1.278502 | G | 0.488 | 4004 |
| 1 chrA1.278542 | G | 0.332 | 3888 |
| 1 chrA1.278590 | G | 0.09498 | 3948 |
| 1 chrUn34.2127 | G | 0.1207 | 4002 |
| 1 chrUn34.3007 | C | 0.06512 | 4008 |
| 1 chrA1.278544 | G | 0.0002498 | 4004 |
| 1 chrUn34.7609 | A | 0.1342 | 3980 |
| 1 chrUn34.1058 | G | 0.2495 | 4000 |
| 1 chrUn34.1260 | G | 0.01323 | 4006 |
| 1 chrUn34.1319 | A | 0.1477 | 4002 |
| 1 chrUn34.1827 | A | 0.4355 | 3986 |
| 1 chrUn34.2124 | G | 0.4748 | 3966 |
| 1 chrUn34.3221 | G | 0.1777 | 4006 |
| 1 chrUn34.3977 | A | 0.16 | 3994 |
| 1 chrUn34.4260 | G | 0.4757 | 3994 |
| 1 chrUn34.5237 | A | 0.05242 | 4006 |
| 1 chrUn.310297 | C | 0.2965 | 3956 |
| 1 chrUn34.6544 | C | 0.2043 | 4000 |

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| 1 chrUn34.685T A | G | 0.1157 | 3940 |
| 1 chrUn34.731T A | G | 0.2568 | 4000 |
| 1 chrUn34.758T A | G | 0.1435 | 4006 |
| 1 chrUn34.782T A | G | 0.1037 | 3634 |
| 1 chrUn34.829T G | A | 0.1526 | 4010 |
| 1 chrUn34.886T A | G | 0.07383 | 3928 |
| 1 chrUn34.938T A | G | 0.4943 | 4002 |
| 1 chrUn34.973T G | A | 0.2064 | 4006 |
| 1 chrUn34.100T G | A | 0.3097 | 4004 |
| 1 chrUn34.110T G | A | 0.1482 | 4002 |
| 1 chrUn34.117T C | A | 0.2351 | 3998 |
| 1 chrUn34.120T A | G | 0.3084 | 3988 |
| 1 chrUn34.124T G | A | 0.09885 | 4006 |
| 1 chrUn34.128T A | G | 0.302 | 3964 |
| 1 chrUn34.133T A | G | 0.08543 | 3980 |
| 1 chrUn34.143T A | G | 0.3821 | 4004 |
| 1 chrUn34.147T A | C | 0.4175 | 3590 |
| 1 chrUn34.159T A | G | 0.1172 | 3934 |
| 1 chrUn34.163T A | G | 0.3842 | 3912 |
| 1 chrUn34.168T G | A | 0.2324 | 3976 |
| 1 chrUn34.174T C | A | 0.1905 | 3906 |
| 1 chrUn34.175T C | A | 0.283 | 3990 |
| 1 chrUn34.177T A | G | 0.4892 | 3984 |
| 1 chrUn34.182T G | A | 0.3525 | 4000 |
| 1 chrUn34.185T A | C | 0.1035 | 3934 |
| 1 chrUn34.188T C | A | 0.05667 | 4006 |
| 1 chrUn34.192T C | A | 0.3072 | 3910 |
| 1 chrUn34.196T G | A | 0.4846 | 3842 |
| 1 chrUn34.208T A | G | 0.08186 | 3970 |
| 1 chrUn34.214T C | A | 0.4368 | 4002 |
| 1 chrUn34.216T G | A | 0.3404 | 4010 |
| 1 chrUn34.220T A | G | 0.3396 | 4002 |
| 1 chrUn34.227T G | A | 0.463 | 3996 |
| 1 chrUn34.231T A | G | 0.09325 | 4000 |
| 1 chrUn34.233T G | A | 0.3646 | 3996 |
| 1 chrUn34.236T A | G | 0.4245 | 4002 |
| 1 chrD1.11076T G | A | 0.3771 | 3914 |
| 1 chrD1.11073T C | 0 G | 0 | 4010 |
| 1 chrD1.11061T G | A | 0.2511 | 3982 |
| 1 chrD1.11053T G | A | 0.2749 | 3980 |
| 1 chrD1.11045T A | G | 0.3815 | 4000 |

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| 1 chrD1.110415G | A | 0.3859 | 4006 |
| 1 chrD1.110355G | A | 0.4412 | 3994 |
| 1 chrD1.110325G | A | 0.4403 | 3988 |
| 1 chrUn34.2404G | A | 0.2294 | 4006 |
| 1 chrUn34.2440G | A | 0.1185 | 4010 |
| 1 chrUn34.2475A | G | 0.1027 | 4002 |
| 1 chrUn34.2515A | C | 0.3858 | 3968 |
| 1 chrUn34.2584G | A | 0.1444 | 4002 |
| 1 chrA1.278625A | C | 0.1395 | 3972 |
| 1 chrA1.278670G | A | 0.4312 | 3980 |
| 1 chrA1.278745A | C | 0.4925 | 3978 |
| 1 chrA1.278845A | G | 0.2569 | 4002 |
| 1 chrA1.278885C | A | 0.4281 | 4006 |
| 1 chrA1.279015A | G | 0.1698 | 3976 |
| 1 chrA1.279035A | G | 0.2349 | 4006 |
| 1 chrA1.279095G | A | 0.08362 | 4006 |
| 1 chrA1.279135A | G | 0.09714 | 3984 |
| 1 chrA1.279165G | A | 0.2814 | 3998 |
| 1 chrA1.279210G | A | 0.4683 | 4008 |
| 1 chrA1.279255G | A | 0.07293 | 3990 |
| 1 chrA1.279295A | G | 0.1607 | 4002 |
| 1 chrA1.279325G | A | 0.448 | 3998 |
| 1 chrA1.279395A | C | 0.4598 | 3584 |
| 1 chrA1.279435A | C | 0.09377 | 4010 |
| 1 chrA1.279445A | G | 0.2033 | 4000 |
| 1 chrA1.279525A | G | 0.4983 | 4002 |
| 1 chrA1.279575C | A | 0.2346 | 3990 |
| 1 chrA1.279595A | G | 0.211 | 3986 |
| 1 chrA1.279604A | G | 0.2089 | 3958 |
| 1 chrA1.279645A | C | 0.1549 | 3996 |
| 1 chrA1.279655A | G | 0.1274 | 3994 |
| 1 chrA1.279695A | G | 0.05684 | 3994 |
| 1 chrA1.279735A | G | 0.275 | 4000 |
| 1 chrA1.279795A | G | 0.3472 | 4000 |
| 1 chrA1.279824A | G | 0.0004988 | 4010 |
| 1 chrA1.279915A | C | 0.2344 | 4006 |
| 1 chrA1.279945A | G | 0.2153 | 4000 |
| 1 chrA1.279995C | A | 0.3396 | 3996 |
| 1 chrA1.280035A | C | 0.02495 | 4008 |
| 1 chrA1.280075G | A | 0.2983 | 3986 |
| 1 chrA1.280125A | G | 0.06684 | 3920 |

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| 1 chrA1.280185A | G | 0.02114 | 3974 |
| 1 chrA1.280225A | G | 0.4775 | 4000 |
| 1 chrA1.280288G | A | 0.4416 | 4004 |
| 1 chrA1.280410C | A | 0.2169 | 3992 |
| 1 chrA1.280426A | G | 0.04489 | 4010 |
| 1 chrA1.280472G | A | 0.03197 | 4004 |
| 1 chrA1.280512A | G | 0.2355 | 4008 |
| 1 chrA1.280545A | G | 0.4767 | 3994 |
| 1 chrA1.280614A | G | 0.2906 | 3950 |
| 1 chrA1.280658A | G | 0.4689 | 3992 |
| 1 chrA1.280725G | A | 0.489 | 4000 |
| 1 chrA1.280764A | G | 0.4356 | 3992 |
| 1 chrA1.280845C | A | 0.3991 | 3966 |
| 1 chrA1.280877A | G | 0.3428 | 3996 |
| 1 chrA1.280884A | G | 0.3937 | 3980 |
| 1 chrA1.280915G | A | 0.3549 | 4004 |
| 1 chrA1.280941A | C | 0.1811 | 4008 |
| 1 chrA1.281005A | G | 0.369 | 3986 |
| 1 chrA1.281041G | A | 0.07456 | 4010 |
| 1 chrA1.281075G | A | 0.04902 | 3978 |
| 1 chrA1.281100G | A | 0.0462 | 3896 |
| 1 chrA1.281131A | G | 0.1593 | 3948 |
| 1 chrA1.281162A | G | 0.3619 | 3998 |
| 1 chrA1.281188G | A | 0.04925 | 4000 |
| 1 chrA1.281230A | G | 0.07723 | 3988 |
| 1 chrA1.281244A | G | 0.3971 | 4004 |
| 1 chrA1.281287A | G | 0.4769 | 3946 |
| 1 chrA1.281344G | A | 0.3656 | 3996 |
| 1 chrA1.281385G | A | 0.1186 | 4004 |
| 1 chrA1.281407C | A | 0.206 | 4004 |
| 1 chrA1.281434G | A | 0.3964 | 4006 |
| 1 chrA1.281462A | G | 0.2731 | 4002 |
| 1 chrA1.281491A | C | 0.03871 | 4004 |
| 1 chrA1.281507A | C | 0.02248 | 4004 |
| 1 chrA1.281635A | G | 0.06138 | 4008 |
| 1 chrA1.281664A | G | 0.4778 | 4004 |
| 1 chrA1.281707C | A | 0.1953 | 3994 |
| 1 chrA1.281748A | G | 0.007984 | 4008 |
| 1 chrA1.281788G | A | 0.4432 | 4000 |
| 1 chrA1.281875A | G | 0.3862 | 3998 |
| 1 chrA1.281934C | A | 0.0009975 | 4010 |

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|---------------|---|---|---------|------|
| 1 chrA1.28198 | A | G | 0.04389 | 3942 |
| 1 chrA1.28201 | A | C | 0.348 | 4000 |
| 1 chrA1.28204 | A | A | 0.4585 | 3996 |
| 1 chrA1.28206 | A | A | 0.0085 | 4000 |
| 1 chrA1.28209 | A | A | 0.4593 | 3952 |
| 1 chrA1.28215 | A | G | 0.4937 | 3982 |
| 1 chrA1.28218 | A | G | 0.4665 | 4002 |
| 1 chrA1.28225 | A | A | 0.02428 | 3872 |
| 1 chrA1.28228 | A | A | 0.4099 | 3996 |
| 1 chrA1.28234 | A | G | 0.2275 | 3982 |
| 1 chrA1.28237 | A | G | 0.3667 | 4006 |
| 1 chrA1.28241 | A | A | 0.08208 | 3996 |
| 1 chrA1.28248 | A | G | 0.338 | 3994 |
| 1 chrA1.28251 | A | A | 0.408 | 3980 |
| 1 chrA1.28255 | A | A | 0.3327 | 3994 |
| 1 chrA1.28258 | A | A | 0.4051 | 3992 |
| 1 chrA1.28261 | A | C | 0.04319 | 4006 |
| 1 chrA1.28265 | A | A | 0.1992 | 3996 |
| 1 chrA1.28270 | A | G | 0.05809 | 3994 |
| 1 chrA1.28275 | A | A | 0.2633 | 3980 |
| 1 chrA1.28282 | A | G | 0.05916 | 3972 |
| 1 chrA1.28286 | A | G | 0.4864 | 3890 |
| 1 chrA1.28291 | A | A | 0.297 | 4000 |
| 1 chrA1.28299 | A | G | 0.128 | 3914 |
| 1 chrA1.28303 | A | A | 0.4035 | 4002 |
| 1 chrA1.28308 | A | G | 0.4867 | 3980 |
| 1 chrA1.28312 | A | G | 0.2273 | 3942 |
| 1 chrA1.28316 | A | G | 0.05844 | 4004 |
| 1 chrA1.28321 | A | A | 0.404 | 3968 |
| 1 chrA1.28326 | A | G | 0.1535 | 4006 |
| 1 chrA1.28331 | A | A | 0.2619 | 3998 |
| 1 chrA1.28339 | A | A | 0.2705 | 3996 |
| 1 chrA1.28342 | A | A | 0.356 | 4000 |
| 1 chrA1.28347 | A | G | 0.3201 | 3964 |
| 1 chrA1.28351 | A | G | 0.07791 | 3992 |
| 1 chrA1.28354 | A | A | 0.286 | 4004 |
| 1 chrA1.28358 | A | G | 0.04888 | 3928 |
| 1 chrA1.28360 | A | A | 0.153 | 4006 |
| 1 chrA1.28365 | A | G | 0.0664 | 4006 |
| 1 chrA1.28369 | A | A | 0.01251 | 3998 |
| 1 chrA1.28374 | A | A | 0.2718 | 3992 |

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| 1 chrA1.283811A | G | 0.1933 | 3978 |
| 1 chrA1.283852A | G | 0.4191 | 3980 |
| 1 chrA1.283880A | G | 0.3615 | 3950 |
| 1 chrA1.283986A | G | 0.31 | 3994 |
| 1 chrA1.284010G | A | 0.4483 | 4000 |
| 1 chrA1.284057A | G | 0.1457 | 4008 |
| 1 chrA1.284062G | A | 0.0322 | 4006 |
| 1 chrA1.284109G | A | 0.1079 | 4002 |
| 1 chrA1.284148A | G | 0.4943 | 4006 |
| 1 chrA1.284172G | A | 0.02819 | 4008 |
| 1 chrA1.284221A | G | 0.0268 | 3992 |
| 1 chrA1.284260A | C | 0.2141 | 3994 |
| 1 chrA1.284319A | G | 0.4817 | 3982 |
| 1 chrA1.284347A | G | 0.3595 | 3886 |
| 1 chrA1.284431G | A | 0.3371 | 3990 |
| 1 chrA1.284479A | G | 0.1025 | 4010 |
| 1 chrA1.284578A | G | 0.4011 | 4006 |
| 1 chrA1.284637G | A | 0.2515 | 4004 |
| 1 chrA1.284684A | G | 0.3518 | 4000 |
| 1 chrA1.284728G | A | 0.008023 | 3864 |
| 1 chrA1.284792A | G | 0.2895 | 3996 |
| 1 chrA1.284800C | A | 0.2442 | 3948 |
| 1 chrA1.284902G | A | 0.2683 | 3992 |
| 1 chrA1.284942G | A | 0.1703 | 4000 |
| 1 chrA1.284942A | G | 0.1435 | 4006 |
| 1 chrA1.284979G | A | 0.09426 | 4010 |
| 1 chrA1.285018 | 0 G | 0 | 4010 |
| 1 chrA1.285029A | G | 0.1355 | 4006 |
| 1 chrA1.285059A | C | 0.009995 | 4002 |
| 1 chrA1.285122G | A | 0.3442 | 3998 |
| 1 chrA1.285159G | A | 0.2161 | 4002 |
| 1 chrF2.610441A | G | 0.3564 | 4004 |
| 1 chrA1.285196A | G | 0.1654 | 3954 |
| 1 chrA1.285249A | G | 0.1281 | 3816 |
| 1 chrA1.285312A | G | 0.1009 | 4004 |
| 1 chrA1.285338G | A | 0.3039 | 3998 |
| 1 chrA1.285370G | A | 0.2413 | 3962 |
| 1 chrA1.285400C | A | 0.02968 | 4010 |
| 1 chrA1.285434G | A | 0.4007 | 3818 |
| 1 chrA1.285499A | G | 0.257 | 3996 |
| 1 chrA1.285529A | G | 0.1378 | 4000 |

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| 1 chrA1.285558A | G | 0.4317 | 3996 |
| 1 chrA1.285606A | G | 0.3865 | 3992 |
| 1 chrA1.285661A | G | 0.3504 | 3990 |
| 1 chrA1.285742G | A | 0.3166 | 4002 |
| 1 chrA1.285777A | G | 0.1047 | 3982 |
| 1 chrA1.285862G | A | 0.0267 | 4008 |
| 1 chrA1.285936A | G | 0.08046 | 4002 |
| 1 chrA1.285977A | G | 0.04723 | 4002 |
| 1 chrA1.286037C | A | 0.3349 | 3998 |
| 1 chrA1.286082A | G | 0.08916 | 4004 |
| 1 chrA1.286098G | A | 0.3499 | 3938 |
| 1 chrA1.286117A | G | 0.0955 | 4000 |
| 1 chrA1.286176A | G | 0.251 | 4004 |
| 1 chrA1.286215G | A | 0.1596 | 3978 |
| 1 chrA1.286298A | G | 0.1345 | 3962 |
| 1 chrA1.286309C | A | 0.3689 | 4004 |
| 1 chrA1.286324A | G | 0.01724 | 4002 |
| 1 chrA1.286353G | A | 0.3739 | 3910 |
| 1 chrA1.286414A | G | 0.4813 | 4008 |
| 1 chrA1.286446G | A | 0.3029 | 3992 |
| 1 chrA1.286498A | G | 0.205 | 4010 |
| 1 chrA1.286616G | A | 0.3177 | 3994 |
| 1 chrA1.286686A | G | 0.1429 | 3982 |
| 1 chrA1.286717A | G | 0.04375 | 4000 |
| 1 chrA1.286734 | 0 G | 0 | 4010 |
| 1 chrA1.286778A | G | 0.1512 | 3994 |
| 1 chrA1.286818G | A | 0.4947 | 3996 |
| 1 chrA1.286836A | G | 0.003992 | 4008 |
| 1 chrA1.286869A | G | 0.002246 | 4008 |
| 1 chrA1.286932A | C | 0.03728 | 3970 |
| 1 chrA1.286989G | A | 0.151 | 4006 |
| 1 chrA1.287032G | A | 0.1762 | 4002 |
| 1 chrA1.287073A | G | 0.3759 | 4004 |
| 1 chrA1.287203A | C | 0.08113 | 4006 |
| 1 chrA1.287319C | A | 0.1522 | 3988 |
| 1 chrA1.287351G | A | 0.4987 | 3986 |
| 1 chrA1.287426A | G | 0.04918 | 3904 |
| 1 chrA1.287478G | A | 0.182 | 3990 |
| 1 chrA1.287516C | A | 0.2267 | 4006 |
| 1 chrA1.287542C | A | 0.01542 | 3826 |
| 1 chrA1.287595A | C | 0.1332 | 4002 |

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| 1 chrA1.287818G | A | 0.4975 | 4002 |
| 1 chrA1.287921A | G | 0.4858 | 3944 |
| 1 chrA1.287950G | A | 0.2976 | 4006 |
| 1 chrA1.288108A | C | 0.1302 | 4002 |
| 1 chrA1.288141A | G | 0.1824 | 3980 |
| 1 chrA1.288225A | G | 0.3545 | 3972 |
| 1 chrA1.288306A | G | 0.1335 | 3798 |
| 1 chrA1.288390G | A | 0.1423 | 3878 |
| 1 chrA1.288417C | A | 0.2597 | 4004 |
| 1 chrA1.288474A | G | 0.159 | 4006 |
| 1 chrA1.288582A | G | 0.4326 | 4004 |
| 1 chrA1.288664A | G | 0.07588 | 3848 |
| 1 chrA1.288691G | A | 0.4655 | 4000 |
| 1 chrA1.288720G | A | 0.4527 | 4000 |
| 1 chrA1.288849A | G | 0.1172 | 3994 |
| 1 chrA1.288882A | G | 0.291 | 4000 |
| 1 chrA1.288923A | G | 0.09698 | 3970 |
| 1 chrA1.289095A | G | 0.374 | 4008 |
| 1 chrA1.289127G | A | 0.4371 | 4004 |
| 1 chrA1.289179C | A | 0.06256 | 3964 |
| 1 chrA1.289187G | A | 0.2483 | 4004 |
| 1 chrA1.289213G | A | 0.038 | 4000 |
| 1 chrA1.289243A | G | 0.4043 | 4004 |
| 1 chrA1.289325A | G | 0.09695 | 4002 |
| 1 chrA1.289417A | G | 0.293 | 3908 |
| 1 chrA1.289449A | G | 0.296 | 3770 |
| 1 chrA1.289541G | A | 0.1392 | 4008 |
| 1 chrA1.289610G | A | 0.3183 | 3908 |
| 1 chrA1.289647G | A | 0.03798 | 4002 |
| 1 chrA1.289715A | G | 0.3129 | 3998 |
| 1 chrA1.289753A | G | 0.04173 | 4002 |
| 1 chrA1.289822G | A | 0.4561 | 3962 |
| 1 chrA1.289849A | G | 0.1626 | 3986 |
| 1 chrA1.289930A | G | 0.05903 | 3998 |
| 1 chrA1.289988G | A | 0.2405 | 4004 |
| 1 chrA1.290042G | A | 0.1888 | 3994 |
| 1 chrA1.290101A | G | 0.001747 | 4008 |
| 1 chrA1.290171A | G | 0.09184 | 3724 |
| 1 chrA1.290284A | G | 0.3233 | 3968 |
| 1 chrA1.290358G | A | 0.4097 | 3888 |
| 1 chrA1.290383G | A | 0.3958 | 3992 |

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| 1 chrA1.290501G | A | 0.187 | 3984 |
| 1 chrB4.241263A | G | 0.44 | 4000 |
| 1 chrA1.290526A | G | 0.487 | 3998 |
| 1 chrA1.290667A | G | 0.32 | 3984 |
| 1 chrA1.290759A | G | 0.03489 | 3984 |
| 1 chrA1.290828G | A | 0.1186 | 3972 |
| 1 chrA1.290883A | C | 0.1386 | 3996 |
| 1 chrA1.290919G | A | 0.142 | 3952 |
| 1 chrA1.290949A | C | 0.06859 | 3922 |
| 1 chrA1.290969A | G | 0.04627 | 3998 |
| 1 chrA1.291018A | G | 0.2476 | 3938 |
| 1 chrA1.291053A | G | 0.1429 | 3948 |
| 1 chrA1.291079G | A | 0.3465 | 3708 |
| 1 chrA1.291116A | G | 0.4493 | 4002 |
| 1 chrA1.291152A | G | 0.1549 | 3900 |
| 1 chrA1.291199A | G | 0.4268 | 3946 |
| 1 chrA1.291204A | G | 0.01026 | 3996 |
| 1 chrA1.291240G | 0 G | 0 | 4008 |
| 1 chrUn34.2656A | G | 0.05294 | 3948 |
| 1 chrUn34.2687A | G | 0.4577 | 4000 |
| 1 chrUn34.2707A | G | 0.05659 | 3976 |
| 1 chrUn34.2751C | A | 0.3817 | 3982 |
| 1 chrUn34.2789A | G | 0.0264 | 3902 |
| 1 chrUn34.2813G | A | 0.4198 | 3828 |
| 1 chrUn34.2841A | G | 0.0721 | 3842 |
| 1 chrUn34.2927A | G | 0.007515 | 3726 |
| 1 chrUn34.2981A | G | 0.3751 | 4002 |
| 1 chrUn34.3009G | A | 0.3435 | 4006 |
| 1 chrUn34.3036A | G | 0.01698 | 4004 |
| 1 chrUn34.3087G | A | 0.451 | 3996 |
| 2 chrA2.45614 A | C | 0.01527 | 3996 |
| 2 chrA2.102061A | G | 0.0004995 | 4004 |
| 2 chrA2.135661C | A | 0.2312 | 3970 |
| 2 chrA2.170706G | A | 0.1371 | 4004 |
| 2 chrA2.199756G | A | 0.298 | 3946 |
| 2 chrA2.235444A | G | 0.02241 | 3926 |
| 2 chrA2.263767A | G | 0.2425 | 3954 |
| 2 chrA2.342657A | G | 0.02108 | 3984 |
| 2 chrA2.366434A | G | 0.1263 | 3974 |
| 2 chrA2.402287G | A | 0.2854 | 3988 |
| 2 chrA2.463429C | A | 0.4135 | 3932 |

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| 2 chrA2.509435A | G | 0.3759 | 3988 |
| 2 chrA2.629287A | G | 0.01348 | 3784 |
| 2 chrA2.666476G | A | 0.2025 | 3926 |
| 2 chrA2.184377A | C | 0.07246 | 3878 |
| 2 chrA2.714951A | G | 0.09958 | 3816 |
| 2 chrA2.810094A | G | 0.3893 | 4002 |
| 2 chrA2.839224G | A | 0.1116 | 3934 |
| 2 chrA2.845526A | G | 0.2219 | 3956 |
| 2 chrA2.881811A | C | 0.1783 | 3942 |
| 2 chrA2.928448A | G | 0.3765 | 3862 |
| 2 chrA2.965370A | G | 0.1487 | 3982 |
| 2 chrA2.100226A | G | 0.2441 | 3962 |
| 2 chrA2.103705G | A | 0.0894 | 3904 |
| 2 chrA2.108105G | A | 0.3865 | 3972 |
| 2 chrA2.116630A | G | 0.1008 | 3968 |
| 2 chrA2.121485G | A | 0.1901 | 3782 |
| 2 chrA2.126455A | G | 0.4345 | 3954 |
| 2 chrA2.131325G | A | 0.2281 | 3866 |
| 2 chrA2.142631A | C | 0.4815 | 4000 |
| 2 chrA2.152645C | A | 0.1636 | 3972 |
| 2 chrA2.155808G | A | 0.3204 | 3982 |
| 2 chrA2.162691A | G | 0.4946 | 3888 |
| 2 chrA2.166750C | A | 0.3754 | 3958 |
| 2 chrA2.170515G | A | 0.2318 | 3982 |
| 2 chrA2.175991G | A | 0.281 | 3886 |
| 2 chrA2.182037G | A | 0.379 | 3982 |
| 2 chrA2.187024A | G | 0.2305 | 3978 |
| 2 chrA2.190141A | G | 0.2096 | 3974 |
| 2 chrA2.201428A | G | 0.08209 | 4008 |
| 2 chrA2.203618G | A | 0.4259 | 3982 |
| 2 chrA2.205445A | G | 0.2769 | 3966 |
| 2 chrA2.210306A | G | 0.3588 | 3908 |
| 2 chrA2.211125 | 0 G | 0 | 3986 |
| 2 chrA2.213027A | G | 0.427 | 3946 |
| 2 chrA2.219664C | A | 0.2791 | 3988 |
| 2 chrA2.223247A | G | 0.4424 | 3992 |
| 2 chrA2.226274A | G | 0.2211 | 3998 |
| 2 chrA1.442474A | G | 0.3076 | 3996 |
| 2 chrA2.231224A | C | 0.3315 | 4000 |
| 2 chrA2.238555A | G | 0.1761 | 4004 |
| 2 chrA2.241487A | G | 0.05606 | 3710 |

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| 2 chrA2.24440C | A | 0.08729 | 3872 |
| 2 chrUn.63821G | A | 0.1128 | 3970 |
| 2 chrA2.22870G | G | 0.01855 | 3612 |
| 2 chrUn.51787A | G | 0.3686 | 3996 |
| 2 chrA2.25193C | C | 0.4318 | 4000 |
| 2 chrA2.24897G | A | 0.3696 | 3996 |
| 2 chrA2.25624G | G | 0.1704 | 3990 |
| 2 chrA2.26168G | G | 0.1946 | 3998 |
| 2 chrA2.26624C | C | 0.04307 | 3970 |
| 2 chrA2.27442G | A | 0.1285 | 3962 |
| 2 chrA2.27683G | G | 0.08091 | 3992 |
| 2 chrA2.27972G | G | 0.4422 | 3982 |
| 2 chrA2.28984G | A | 0.114 | 3990 |
| 2 chrA2.29393A | G | 0.08145 | 3978 |
| 2 chrA2.29772G | G | 0.4897 | 3988 |
| 2 chrA2.30013A | A | 0.4743 | 3974 |
| 2 chrA2.30410G | A | 0.4045 | 3990 |
| 2 chrA2.30994C | A | 0.483 | 3832 |
| 2 chrA2.31437G | G | 0.273 | 3982 |
| 2 chrA2.32035G | G | 0.1224 | 4004 |
| 2 chrA2.32319C | G | 0.06567 | 3746 |
| 2 chrA2.32743G | A | 0.124 | 3992 |
| 2 chrA2.33280G | G | 0.2401 | 3798 |
| 2 chrA2.33682G | G | 0.4902 | 3984 |
| 2 chrA2.33919G | G | 0.3837 | 3868 |
| 2 chrA2.34200G | A | 0.1861 | 3970 |
| 2 chrA2.35850G | G | 0.1861 | 3902 |
| 2 chrA2.34729G | G | 0.2594 | 3844 |
| 2 chrA2.36499G | G | 0.3681 | 4002 |
| 2 chrA2.35513C | G | 0.222 | 4000 |
| 2 chrA2.37212C | A | 0.105 | 3944 |
| 2 chrA2.37477G | A | 0.1609 | 4002 |
| 2 chrA2.38221G | A | 0.1217 | 3976 |
| 2 chrA2.38514G | A | 0.2259 | 3966 |
| 2 chrA2.38820G | G | 0.3616 | 3944 |
| 2 chrA2.39326G | A | 0.2592 | 4004 |
| 2 chrA2.39463G | G | 0.07402 | 3918 |
| 2 chrA2.39809G | A | 0.3359 | 4004 |
| 2 chrA2.40152A | G | 0.2088 | 3980 |
| 2 chrA2.40497G | G | 0.199 | 3974 |
| 2 chrA2.41507C | A | 0.2898 | 3906 |

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| 2 chrA2.419995 | 0 A | 0 | 3908 |
| 2 chrA2.425484 | G | 0.3111 | 3996 |
| 2 chrA2.426865 | G | 0.2071 | 3974 |
| 2 chrA2.429769 | G | 0.1507 | 3954 |
| 2 chrA2.433605 | G | 0.132 | 3976 |
| 2 chrA2.437151 | A | 0.1565 | 3988 |
| 2 chrA2.440231 | A | 0.3719 | 3998 |
| 2 chrA2.445268 | A | 0.4365 | 3982 |
| 2 chrA2.448058 | A | 0.02037 | 3976 |
| 2 chrA2.453391 | A | 0.1125 | 3972 |
| 2 chrA2.457785 | C | 0.4732 | 3876 |
| 2 chrA2.464300 | G | 0.3891 | 3948 |
| 2 chrA2.467005 | G | 0.3922 | 3978 |
| 2 chrA2.472058 | G | 0.08288 | 4006 |
| 2 chrA2.476111 | C | 0.2504 | 3986 |
| 2 chrA2.484904 | A | 0.1535 | 3746 |
| 2 chrA2.490838 | G | 0.3572 | 4006 |
| 2 chrA2.493956 | C | 0.1897 | 4000 |
| 2 chrA2.498530 | G | 0.117 | 4000 |
| 2 chrA2.505632 | G | 0.09211 | 4006 |
| 2 chrA2.506025 | A | 0.06723 | 3912 |
| 2 chrA2.514319 | A | 0.2021 | 3998 |
| 2 chrA2.517861 | G | 0.3537 | 3986 |
| 2 chrA2.521621 | G | 0.3812 | 3972 |
| 2 chrA2.524085 | A | 0.2395 | 3992 |
| 2 chrA2.527307 | A | 0.1952 | 3934 |
| 2 chrA2.531269 | A | 0.2333 | 3982 |
| 2 chrA2.537220 | G | 0.1168 | 4000 |
| 2 chrA2.542175 | A | 0.2519 | 4002 |
| 2 chrA2.545008 | G | 0.0987 | 4002 |
| 2 chrA2.548235 | C | 0.1602 | 3938 |
| 2 chrA2.556682 | G | 0.2947 | 3990 |
| 2 chrA2.560856 | G | 0.1054 | 3974 |
| 2 chrA2.566918 | A | 0.1972 | 4002 |
| 2 chrA2.569546 | A | 0.4883 | 3852 |
| 2 chrA2.573860 | A | 0.3417 | 3998 |
| 2 chrA2.576385 | G | 0.4258 | 3964 |
| 2 chrA2.579045 | G | 0.0974 | 3994 |
| 2 chrA2.586031 | G | 0.499 | 3994 |
| 2 chrA2.589378 | G | 0.4013 | 3992 |
| 2 chrA2.594705 | C | 0.4827 | 3988 |

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| 2 chrA2.599414A | G | 0.02032 | 3986 |
| 2 chrA2.625307A | C | 0.2629 | 3998 |
| 2 chrA2.621956G | A | 0.1323 | 3778 |
| 2 chrA2.618088A | G | 0.2601 | 4002 |
| 2 chrA2.614976A | G | 0.4769 | 3978 |
| 2 chrA2.605707A | G | 0.1907 | 3980 |
| 2 chrA2.608795A | G | 0.04491 | 4008 |
| 2 chrA2.637477A | G | 0.4515 | 4000 |
| 2 chrA2.641062A | G | 0.211 | 3996 |
| 2 chrA2.650216A | C | 0.1727 | 4000 |
| 2 chrA2.652659G | A | 0.4594 | 3990 |
| 2 chrA2.653243 | 0 A | 0 | 4010 |
| 2 chrA2.655354A | G | 0.2721 | 3962 |
| 2 chrA2.660405A | G | 0.1034 | 3994 |
| 2 chrA2.665124G | A | 0.1991 | 3988 |
| 2 chrA2.668471A | G | 0.3758 | 3984 |
| 2 chrA2.676546G | A | 0.1126 | 3998 |
| 2 chrA2.680574A | C | 0.1348 | 3792 |
| 2 chrA2.683779A | G | 0.05417 | 4006 |
| 2 chrA2.688282A | C | 0.1228 | 3974 |
| 2 chrA2.688676 | 0 G | 0 | 3994 |
| 2 chrA2.693451A | G | 0.19 | 4000 |
| 2 chrA2.697458A | G | 0.3467 | 3998 |
| 2 chrA2.702022G | A | 0.04916 | 3946 |
| 2 chrA2.705609A | G | 0.3561 | 3892 |
| 2 chrA2.708204A | G | 0.1215 | 3992 |
| 2 chrA2.713744A | G | 0.4576 | 3982 |
| 2 chrA2.716914A | G | 0.04541 | 4008 |
| 2 chrA2.723061C | A | 0.2087 | 3996 |
| 2 chrA2.725726A | G | 0.06426 | 3984 |
| 2 chrA2.730311A | G | 0.1279 | 3980 |
| 2 chrA2.734013A | G | 0.2456 | 3982 |
| 2 chrA2.741133G | A | 0.3689 | 3998 |
| 2 chrA2.747132C | A | 0.06256 | 3996 |
| 2 chrA2.749636A | G | 0.4082 | 3976 |
| 2 chrA2.753702A | G | 0.2202 | 3996 |
| 2 chrA2.759729A | G | 0.2026 | 3994 |
| 2 chrA2.771558A | C | 0.459 | 4004 |
| 2 chrA2.778982G | A | 0.4376 | 3992 |
| 2 chrA2.785411A | G | 0.3022 | 3994 |
| 2 chrA2.788302G | A | 0.1081 | 3904 |

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| 2 chrA2.793709A | G | 0.2311 | 4002 |
| 2 chrA2.798284A | G | 0.09735 | 4006 |
| 2 chrA2.806555 | 0 G | 0 | 4010 |
| 2 chrA2.818755A | G | 0.4315 | 3942 |
| 2 chrA2.823749G | A | 0.4718 | 4004 |
| 2 chrA2.828644C | A | 0.1501 | 3978 |
| 2 chrA2.831916C | A | 0.2675 | 4008 |
| 2 chrA2.837790C | A | 0.4284 | 3992 |
| 2 chrA2.842846G | A | 0.2736 | 4002 |
| 2 chrA2.866630A | G | 0.4885 | 4004 |
| 2 chrA2.870185A | C | 0.0293 | 3856 |
| 2 chrA2.859785A | G | 0.4987 | 3996 |
| 2 chrA2.881384A | G | 0.1162 | 3958 |
| 2 chrA2.884847A | G | 0.08371 | 4002 |
| 2 chrA2.893892G | A | 0.43 | 3956 |
| 2 chrA2.898829A | G | 0.131 | 3938 |
| 2 chrA2.904012A | G | 0.4404 | 4008 |
| 2 chrA2.906144A | G | 0.4212 | 3984 |
| 2 chrA2.907520A | G | 0.01277 | 3994 |
| 2 chrA2.910000A | G | 0.4739 | 3872 |
| 2 chrA2.913286A | G | 0.2433 | 3982 |
| 2 chrA2.916109A | C | 0.07107 | 3996 |
| 2 chrA2.919470 | 0 A | 0 | 3994 |
| 2 chrA2.923362A | G | 0.1181 | 3938 |
| 2 chrA2.929480G | A | 0.3667 | 3998 |
| 2 chrA2.935364G | A | 0.2999 | 4002 |
| 2 chrA2.946029A | G | 0.2672 | 3994 |
| 2 chrA2.949178A | G | 0.4357 | 3994 |
| 2 chrA2.956867A | G | 0.3652 | 3998 |
| 2 chrA2.959995G | A | 0.3243 | 4002 |
| 2 chrA2.966665A | G | 0.3123 | 4000 |
| 2 chrA2.972232G | A | 0.2976 | 4002 |
| 2 chrA2.975142G | A | 0.2782 | 4004 |
| 2 chrA2.977597A | G | 0.1922 | 3834 |
| 2 chrA2.985309A | G | 0.3332 | 3976 |
| 2 chrA2.991767A | C | 0.3739 | 3990 |
| 2 chrA2.996562A | G | 0.3533 | 4002 |
| 2 chrA2.998438A | G | 0.451 | 3980 |
| 2 chrA2.195551A | G | 0.3277 | 3970 |
| 2 chrA2.195485G | A | 0.4176 | 3994 |
| 2 chrA2.195460A | G | 0.02477 | 3996 |

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| 2 chrA2.195335G | A | 0.4414 | 3990 |
| 2 chrA2.195266A | G | 0.4621 | 4006 |
| 2 chrUn.78271G | A | 0.003744 | 4006 |
| 2 chrA2.195211G | A | 0.3933 | 4002 |
| 2 chrA2.195208G | A | 0.03312 | 3744 |
| 2 chrA2.194935A | G | 0.4272 | 3984 |
| 2 chrA2.194878A | C | 0.06831 | 3938 |
| 2 chrA2.194801A | G | 0.4927 | 3992 |
| 2 chrA2.194725A | G | 0.01349 | 4002 |
| 2 chrA2.194541A | C | 0.4948 | 4004 |
| 2 chrA2.194405A | G | 0.4402 | 3996 |
| 2 chrA2.194282A | G | 0.2353 | 3868 |
| 2 chrA2.194251A | G | 0.3315 | 3994 |
| 2 chrA2.194072G | A | 0.3549 | 3998 |
| 2 chrA2.194026A | G | 0.002246 | 4008 |
| 2 chrA2.193995G | A | 0.2464 | 4010 |
| 2 chrA2.108621A | G | 0.313 | 3962 |
| 2 chrA2.109551G | A | 0.08593 | 3980 |
| 2 chrA2.110186C | A | 0.2074 | 3968 |
| 2 chrA2.110898G | A | 0.1284 | 3980 |
| 2 chrA2.111221A | C | 0.2682 | 3994 |
| 2 chrA2.112361G | A | 0.412 | 3998 |
| 2 chrA2.112718G | A | 0.1602 | 3988 |
| 2 chrA2.113416A | G | 0.3474 | 3972 |
| 2 chrA2.114255A | G | 0.1261 | 3878 |
| 2 chrA2.114638A | G | 0.01099 | 4002 |
| 2 chrA2.115035G | A | 0.4489 | 3996 |
| 2 chrA2.115951G | A | 0.02101 | 3950 |
| 2 chrA2.116855A | G | 0.09132 | 4008 |
| 2 chrA2.117094A | G | 0.1292 | 4000 |
| 2 chrA2.117505A | G | 0.1776 | 4004 |
| 2 chrA2.118010C | A | 0.225 | 4004 |
| 2 chrA2.118275A | G | 0.09252 | 4010 |
| 2 chrA2.118781A | G | 0.3079 | 3926 |
| 2 chrA2.119434A | G | 0.1492 | 3994 |
| 2 chrA2.119761G | A | 0.2208 | 4000 |
| 2 chrA2.120115A | G | 0.1975 | 3944 |
| 2 chrA2.120638G | A | 0.1579 | 4008 |
| 2 chrA2.121485G | A | 0.0331 | 3958 |
| 2 chrA2.121775A | G | 0.2234 | 3952 |
| 2 chrA2.123165A | G | 0.2048 | 4004 |

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| 2 chrA2.123827G | A | 0.4348 | 3740 |
| 2 chrA2.124271G | A | 0.4593 | 3984 |
| 2 chrA2.124524G | A | 0.2551 | 3998 |
| 2 chrA2.125017A | G | 0.003018 | 3976 |
| 2 chrA2.126319A | G | 0.1177 | 3992 |
| 2 chrA2.126908A | G | 0.3662 | 3992 |
| 2 chrA2.127359G | A | 0.3703 | 4010 |
| 2 chrA2.128026A | G | 0.4777 | 3950 |
| 2 chrA2.145579G | A | 0.09924 | 3970 |
| 2 chrA2.145338A | G | 0.1884 | 3992 |
| 2 chrA2.144536A | C | 0.06282 | 3948 |
| 2 chrA2.143867C | A | 0.03595 | 4006 |
| 2 chrA2.143127C | A | 0.1699 | 3908 |
| 2 chrA2.142374G | A | 0.3082 | 3984 |
| 2 chrA2.141779A | G | 0.08738 | 3994 |
| 2 chrA2.141354G | A | 0.1577 | 4008 |
| 2 chrA2.141088A | G | 0.4295 | 4002 |
| 2 chrA2.140929A | G | 0.006643 | 3914 |
| 2 chrA2.140751A | C | 0.1834 | 3974 |
| 2 chrA2.140354A | G | 0.2284 | 3944 |
| 2 chrA2.139850A | C | 0.03596 | 3782 |
| 2 chrA2.139557A | G | 0.1499 | 4002 |
| 2 chrA2.135569A | C | 0.0376 | 3830 |
| 2 chrA2.139139A | G | 0.1127 | 4002 |
| 2 chrUn.796834A | C | 0.2437 | 3992 |
| 2 chrA2.138869A | G | 0.3241 | 3996 |
| 2 chrA2.137917G | A | 0.1952 | 3990 |
| 2 chrA2.137674G | A | 0.2165 | 3950 |
| 2 chrA2.135157A | G | 0.4355 | 4002 |
| 2 chrA2.136046A | G | 0.123 | 3960 |
| 2 chrA2.138254C | A | 0.1646 | 3992 |
| 2 chrA2.131751A | G | 0.2287 | 3922 |
| 2 chrA2.131119A | G | 0.2985 | 3950 |
| 2 chrA2.132441A | G | 0.1692 | 3984 |
| 2 chrUn.561624A | C | 0.01896 | 4008 |
| 2 chrA2.130469G | A | 0.02074 | 4002 |
| 2 chrA2.130276A | G | 0.05264 | 4008 |
| 2 chrA2.129006A | G | 0.2449 | 3982 |
| 2 chrA2.146866A | G | 0.01972 | 3804 |
| 2 chrA2.147596A | G | 0.4405 | 3982 |
| 2 chrA2.148634A | G | 0.07956 | 3708 |

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| 2 chrA2.14809C | 0 A | 0 | 4008 |
| 2 chrA2.14887T A | G | 0.3293 | 3884 |
| 2 chrA2.14915T A | C | 0.454 | 3996 |
| 2 chrA2.14968T C | A | 0.2905 | 4004 |
| 2 chrA2.15001T A | G | 0.3926 | 3884 |
| 2 chrA2.15026T G | A | 0.009834 | 3966 |
| 2 chrA2.15097T A | G | 0.01648 | 4006 |
| 2 chrA2.15139T A | G | 0.2341 | 3994 |
| 2 chrA2.15200T A | G | 0.3121 | 4002 |
| 2 chrA2.15267T A | C | 0.243 | 3984 |
| 2 chrA2.15432T G | A | 0.3487 | 3808 |
| 2 chrA2.15480T C | A | 0.003748 | 4002 |
| 2 chrA2.15509T G | A | 0.3535 | 3974 |
| 2 chrA2.15585T A | G | 0.1774 | 3990 |
| 2 chrA2.15670T A | G | 0.0903 | 3998 |
| 2 chrA2.15702T G | A | 0.2568 | 3840 |
| 2 chrA2.15768T A | G | 0.04283 | 3782 |
| 2 chrA2.15816T A | G | 0.4907 | 3964 |
| 2 chrA2.15892T A | G | 0.1482 | 4002 |
| 2 chrA2.15927T G | A | 0.002246 | 4008 |
| 2 chrA2.15933T A | G | 0.3779 | 3972 |
| 2 chrA2.15973T G | A | 0.1444 | 4002 |
| 2 chrA2.16038T C | A | 0.1469 | 4004 |
| 2 chrA2.16092T G | A | 0.3269 | 3986 |
| 2 chrA2.16137T G | A | 0.3665 | 3970 |
| 2 chrA2.16154T A | C | 0.203 | 4000 |
| 2 chrA2.16195T G | A | 0.07218 | 3990 |
| 2 chrA2.16226T G | A | 0.08575 | 4000 |
| 2 chrA2.16269T A | G | 0.03445 | 4006 |
| 2 chrA2.16309T A | G | 0.07164 | 3978 |
| 2 chrA2.16371T A | G | 0.02049 | 4002 |
| 2 chrA2.16396T A | G | 0.231 | 3996 |
| 2 chrA2.16427T G | A | 0.2294 | 3714 |
| 2 chrA2.16465T G | A | 0.1656 | 3986 |
| 2 chrA2.16545T A | G | 0.3808 | 4002 |
| 2 chrA2.16582T A | G | 0.1722 | 3972 |
| 2 chrA2.16619T A | G | 0.01151 | 3822 |
| 2 chrA2.16678T G | A | 0.4029 | 3922 |
| 2 chrA2.16712T A | G | 0.282 | 4004 |
| 2 chrA2.16786T G | A | 0.3236 | 3816 |
| 2 chrA2.16814T A | C | 0.1116 | 3978 |

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| 2 chrA2.168556A | C | 0.145 | 3730 |
| 2 chrA2.168825A | G | 0.2342 | 3992 |
| 2 chrA2.169235A | G | 0.3716 | 3986 |
| 2 chrA2.169655G | A | 0.2041 | 3984 |
| 2 chrA2.170144A | G | 0.3344 | 3998 |
| 2 chrA2.170325A | C | 0.1227 | 3962 |
| 2 chrA2.170472A | C | 0.164 | 3994 |
| 2 chrA2.171145G | A | 0.4072 | 3944 |
| 2 chrA2.171610G | A | 0.3639 | 3990 |
| 2 chrA2.171875A | G | 0.1953 | 3988 |
| 2 chrA2.172218A | G | 0.2603 | 3988 |
| 2 chrA2.172864G | A | 0.1016 | 3988 |
| 2 chrA2.173157A | G | 0.2005 | 3986 |
| 2 chrA2.173395G | A | 0.1001 | 3846 |
| 2 chrA2.173637G | A | 0.1046 | 3996 |
| 2 chrA2.174109A | G | 0.09386 | 4006 |
| 2 chrA2.174223A | G | 0.4705 | 3996 |
| 2 chrA2.174347A | G | 0.2438 | 3900 |
| 2 chrA2.174731A | G | 0.06093 | 3972 |
| 2 chrA2.174968A | G | 0.2982 | 4008 |
| 2 chrA2.175355A | G | 0.1907 | 3834 |
| 2 chrA2.175718G | A | 0.3821 | 4004 |
| 2 chrA2.176025A | C | 0.07919 | 3978 |
| 2 chrA2.176292A | G | 0.2422 | 3926 |
| 2 chrA2.176725 | 0 G | 0 | 4008 |
| 2 chrA2.177400A | C | 0.4277 | 3996 |
| 2 chrA2.177815A | G | 0.1902 | 3996 |
| 2 chrA2.178147G | A | 0.3677 | 3984 |
| 2 chrA2.178676G | A | 0.4186 | 3982 |
| 2 chrA2.178940A | G | 0.08354 | 3962 |
| 2 chrA2.179234A | G | 0.1948 | 3994 |
| 2 chrA2.179547G | A | 0.1222 | 3978 |
| 2 chrA2.180011A | G | 0.2156 | 3988 |
| 2 chrA2.180841G | A | 0.1919 | 3956 |
| 2 chrA2.181288G | A | 0.1219 | 4004 |
| 2 chrA2.181702G | A | 0.1439 | 4004 |
| 2 chrA2.181972A | G | 0.1152 | 3992 |
| 2 chrA2.182394A | G | 0.1773 | 4004 |
| 2 chrA2.182695A | G | 0.09731 | 4008 |
| 2 chrA2.183115A | G | 0.09835 | 3996 |
| 2 chrA2.183514G | A | 0.07762 | 3994 |

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| 2 chrA2.183941G | A | 0.4554 | 3992 |
| 2 chrA2.184290A | G | 0.345 | 3844 |
| 2 chrA2.184681G | A | 0.2306 | 3994 |
| 2 chrA2.185046G | A | 0.3379 | 3984 |
| 2 chrA2.185584G | A | 0.3216 | 3990 |
| 2 chrA2.185851G | A | 0.3084 | 4008 |
| 2 chrA2.186602A | C | 0.3534 | 3996 |
| 2 chrA2.187410A | G | 0.08644 | 3922 |
| 2 chrA2.188274G | A | 0.2742 | 3960 |
| 2 chrA2.189056A | G | 0.4057 | 3986 |
| 2 chrA2.189406C | A | 0.1741 | 3998 |
| 2 chrA2.190059A | G | 0.3165 | 3994 |
| 2 chrA2.190591A | G | 0.241 | 4004 |
| 2 chrA2.191058A | G | 0.1216 | 3980 |
| 2 chrA2.191344C | A | 0.1051 | 3786 |
| 2 chrA2.191609A | G | 0.4647 | 4000 |
| 2 chrA2.192225A | G | 0.0532 | 4004 |
| 2 chrA2.192558G | A | 0.1903 | 3962 |
| 2 chrA2.193566A | G | 0.2435 | 4004 |
| 2 chrA2.193822 | 0 G | 0 | 4008 |
| 2 chrA2.193861A | G | 0.09736 | 3934 |
| 2 chrA2.194609A | G | 0.2155 | 4004 |
| 2 chrA2.194982A | C | 0.1886 | 3992 |
| 2 chrA2.195221G | A | 0.1321 | 4004 |
| 2 chrA2.195498G | A | 0.06472 | 4002 |
| 2 chrA2.195664G | A | 0.4419 | 3992 |
| 2 chrA2.196479A | G | 0.05 | 4000 |
| 2 chrA2.197000G | A | 0.4648 | 3976 |
| 2 chrA2.197348A | G | 0.14 | 3972 |
| 2 chrA2.197654A | G | 0.2063 | 3970 |
| 2 chrA2.198172A | G | 0.2222 | 3920 |
| 2 chrA2.198495G | A | 0.2461 | 3990 |
| 2 chrA2.198799A | G | 0.1388 | 3926 |
| 2 chrA2.199268A | G | 0.1314 | 3994 |
| 2 chrA2.199511A | G | 0.49 | 4006 |
| 2 chrA2.199847A | G | 0.1267 | 4008 |
| 2 chrA2.200280A | G | 0.2466 | 3950 |
| 2 chrA2.200485A | G | 0.2607 | 4008 |
| 2 chrA2.201101A | G | 0.1726 | 3992 |
| 2 chrA2.201390A | G | 0.3057 | 3998 |
| 2 chrA2.201701G | A | 0.03804 | 3996 |

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| 2 chrA2.202227A | C | 0.4336 | 4006 |
| 2 chrA2.202787G | A | 0.4109 | 3994 |
| 2 chrUn.225919A | C | 0.1527 | 4008 |
| 2 chrA2.203337G | A | 0.06934 | 3966 |
| 2 chrA2.204107G | A | 0.3792 | 3998 |
| 2 chrA2.204577G | A | 0.146 | 4006 |
| 2 chrA2.204960C | A | 0.2467 | 3948 |
| 2 chrA2.205487G | A | 0.4169 | 4008 |
| 2 chrA2.205871 | 0 G | 0 | 4008 |
| 2 chrA2.206149G | A | 0.3423 | 4002 |
| 2 chrA2.206406G | A | 0.1834 | 4008 |
| 2 chrA2.208197A | G | 0.1925 | 3994 |
| 2 chrA2.208511A | G | 0.2496 | 3994 |
| 2 chrA2.208881A | C | 0.2809 | 3816 |
| 2 chrA2.209118A | C | 0.2955 | 4004 |
| 2 chrA2.209600A | G | 0.4016 | 3992 |
| 2 chrA2.210119A | G | 0.2477 | 3976 |
| 2 chrA2.210689C | A | 0.249 | 3996 |
| 2 chrA2.211147A | G | 0.3403 | 4008 |
| 2 chrA2.211759A | C | 0.1429 | 3752 |
| 2 chrA2.212017A | G | 0.04668 | 4006 |
| 2 chrA2.212790A | G | 0.1488 | 3946 |
| 2 chrA2.213177A | G | 0.3521 | 4002 |
| 2 chrA2.214011A | G | 0.2876 | 3998 |
| 2 chrA2.214727A | G | 0.3954 | 3996 |
| 2 chrA2.215101A | G | 0.3594 | 3998 |
| 2 chrA2.215306A | G | 0.03758 | 3832 |
| 2 chrA2.215359A | G | 0.0329 | 3982 |
| 2 chrA2.215637A | G | 0.313 | 3994 |
| 2 chrA2.216399G | A | 0.05955 | 3980 |
| 2 chrA2.216974C | A | 0.08554 | 4010 |
| 2 chrA2.217938G | A | 0.05922 | 4002 |
| 2 chrA2.218809G | A | 0.01971 | 4008 |
| 2 chrA2.218890 | 0 G | 0 | 4006 |
| 2 chrA2.219579G | A | 0.2119 | 4006 |
| 2 chrA2.219959A | G | 0.02407 | 3864 |
| 2 chrA2.220578A | G | 0.3851 | 3996 |
| 2 chrA2.221041A | C | 0.2113 | 4000 |
| 2 chrA2.221456A | G | 0.02221 | 3782 |
| 2 chrA2.221946G | A | 0.3978 | 4000 |
| 2 chrA2.222509G | A | 0.3015 | 3950 |

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| 2 chrA2.22303C | G | 0.06256 | 3996 |
| 2 chrA2.22376G | G | 0.05872 | 4002 |
| 2 chrA2.22411C | G | 0.04434 | 3834 |
| 2 chrA2.22460C | G | 0.2778 | 3938 |
| 2 chrA2.22527G | A | 0.04048 | 3854 |
| 2 chrA2.22552C | A | 0.4547 | 3976 |
| 2 chrA2.22613G | A | 0.1042 | 4000 |
| 2 chrA2.22641C | G | 0.1348 | 4000 |
| 2 chrA2.22675G | A | 0.3715 | 3984 |
| 2 chrA2.22730C | A | 0.4913 | 4000 |
| 2 chrA2.22785C | G | 0.2139 | 4006 |
| 2 chrA2.22817A | G | 0.1405 | 3978 |
| 2 chrA2.22842G | A | 0.4234 | 3994 |
| 2 chrA2.22899C | G | 0.3404 | 3984 |
| 2 chrA2.22944C | A | 0.4657 | 3994 |
| 2 chrA2.23008C | C | 0.218 | 4000 |
| 2 chrA2.23045A | G | 0.3062 | 3998 |
| 2 chrA2.23061C | G | 0.002246 | 4008 |
| 2 chrA2.23103G | G | 0.424 | 3842 |
| 2 chrA2.23130C | A | 0.4399 | 3946 |
| 2 chrA2.23174C | A | 0.06715 | 4006 |
| 2 chrA2.23303C | C | 0.3265 | 3730 |
| 2 chrA2.23363G | G | 0.1782 | 4002 |
| 2 chrA2.23391G | G | 0.1448 | 4000 |
| 2 chrA2.23419A | A | 0.1699 | 4002 |
| 2 chrA2.23505A | G | 0.1317 | 4008 |
| 2 chrA2.23550C | G | 0.4003 | 4004 |
| 2 chrA2.23592C | A | 0.1218 | 4000 |
| 2 chrA2.23622C | A | 0.0007481 | 4010 |
| 2 chrA2.23660C | G | 0.0007485 | 4008 |
| 2 chrA2.23688C | G | 0.2638 | 3992 |
| 2 chrA2.23745G | A | 0.3625 | 3992 |
| 2 chrA2.23769G | A | 0.001499 | 4002 |
| 2 chrA2.23818C | A | 0.1732 | 4006 |
| 2 chrA2.23867G | A | 0.2928 | 3996 |
| 2 chrA2.23923C | 0 A | 0 | 4010 |
| 2 chrA2.23924C | A | 0.1646 | 4004 |
| 2 chrA2.23958C | A | 0.4637 | 3998 |
| 2 chrA2.24035C | A | 0.06289 | 3880 |
| 2 chrA2.24076C | C | 0.26 | 3992 |
| 2 chrA2.24106C | G | 0.254 | 3976 |

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|-----------------|---|-----------|------|
| 2 chrA2.241667A | G | 0.2702 | 3878 |
| 2 chrA2.242169G | A | 0.2718 | 3996 |
| 2 chrA2.242419A | G | 0.2685 | 3996 |
| 2 chrA2.242947G | A | 0.3933 | 3972 |
| 2 chrA2.243319G | A | 0.08308 | 3996 |
| 2 chrA2.243688C | A | 0.4133 | 4000 |
| 2 chrA2.243999G | A | 0.2091 | 3984 |
| 2 chrA2.244739A | G | 0.316 | 3788 |
| 2 chrA2.245148A | G | 0.02124 | 4002 |
| 2 chrA2.245419A | G | 0.2045 | 3976 |
| 2 chrA2.245700G | A | 0.197 | 4006 |
| 2 chrA2.245997G | A | 0.1343 | 3992 |
| 2 chrA2.246229A | G | 0.0002494 | 4010 |
| 2 chrA2.246266A | C | 0.0362 | 4006 |
| 2 chrA2.246839C | A | 0.2168 | 3760 |
| 2 chrA2.247291A | G | 0.4157 | 4000 |
| 2 chrA2.248489A | G | 0.3183 | 3952 |
| 2 chrA2.248741A | G | 0.02662 | 3756 |
| 2 chrA2.249087G | A | 0.1663 | 4004 |
| 2 chrA2.249804A | G | 0.004748 | 4002 |
| 2 chrA2.250129A | G | 0.1744 | 3996 |
| 2 chrA2.250421A | G | 0.3159 | 4004 |
| 2 chrUn.482684G | A | 0.3207 | 3976 |
| 2 chrA2.251077G | A | 0.05592 | 4006 |
| 2 chrA2.251969G | A | 0.04871 | 3942 |
| 2 chrA2.252539A | G | 0.05592 | 4006 |
| 2 chrA2.252784A | G | 0.2738 | 4010 |
| 2 chrA2.253079G | A | 0.004489 | 4010 |
| 2 chrA2.253088A | G | 0.05564 | 4008 |
| 2 chrA2.253349A | C | 0.3756 | 3972 |
| 2 chrA2.253731A | G | 0.1688 | 3976 |
| 2 chrA2.253750A | G | 0.1794 | 3840 |
| 2 chrA2.254049A | G | 0.1919 | 3788 |
| 2 chrA2.254620G | A | 0.4997 | 3988 |
| 2 chrA2.255786C | A | 0.05661 | 4010 |
| 2 chrA2.256024A | G | 0.1418 | 3984 |
| 2 chrA2.256270G | A | 0.005503 | 3998 |
| 2 chrA2.256721G | A | 0.3539 | 3998 |
| 2 chrA2.257239A | C | 0.2521 | 3970 |
| 2 chrA2.257877G | A | 0.2904 | 4002 |
| 2 chrA2.258228G | A | 0.4134 | 3948 |

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|-----------------|-----|---------|------|
| 2 chrA2.258735A | G | 0.08676 | 3942 |
| 2 chrA2.259356A | G | 0.4645 | 4000 |
| 2 chrA2.259656A | C | 0.453 | 4002 |
| 2 chrA2.260492G | A | 0.1598 | 4004 |
| 2 chrA2.260522 | 0 A | 0 | 4010 |
| 2 chrA2.260024A | G | 0.2469 | 3998 |
| 2 chrA2.260816A | C | 0.01156 | 3980 |
| 2 chrA2.261664G | A | 0.06001 | 3966 |
| 2 chrA2.262466G | A | 0.2005 | 4004 |
| 2 chrA2.263015G | A | 0.3111 | 4002 |
| 2 chrA2.264248A | G | 0.307 | 3984 |
| 2 chrA2.264794A | G | 0.4557 | 3996 |
| 2 chrA2.265195A | G | 0.2781 | 3980 |
| 2 chrA2.265505G | A | 0.04645 | 4004 |
| 2 chrA2.265816G | A | 0.3672 | 3990 |
| 2 chrA2.266195A | G | 0.2096 | 3750 |
| 2 chrA2.266851G | A | 0.371 | 3976 |
| 2 chrA2.267728A | G | 0.468 | 4000 |
| 2 chrA2.268115C | A | 0.4936 | 3912 |
| 2 chrA2.268436G | A | 0.02049 | 4002 |
| 2 chrA2.268772C | A | 0.165 | 3982 |
| 2 chrA2.269095G | A | 0.2039 | 3998 |
| 2 chrA2.269716C | A | 0.2292 | 3944 |
| 2 chrA2.270635A | G | 0.02434 | 3986 |
| 2 chrA2.270644A | G | 0.01479 | 3990 |
| 2 chrA2.271286G | A | 0.3272 | 3992 |
| 2 chrA2.271585G | A | 0.07089 | 4006 |
| 2 chrA2.271851A | G | 0.3975 | 4000 |
| 2 chrA2.272165A | G | 0.265 | 4000 |
| 2 chrA2.272412A | G | 0.05152 | 3882 |
| 2 chrA2.272782A | G | 0.1532 | 4000 |
| 2 chrA2.273355 | 0 A | 0 | 4010 |
| 2 chrA2.273427A | G | 0.09299 | 3850 |
| 2 chrA2.273706A | G | 0.03282 | 3992 |
| 2 chrA2.274675A | G | 0.09409 | 3996 |
| 2 chrA2.275028G | A | 0.399 | 4000 |
| 2 chrA2.275815G | A | 0.2999 | 3958 |
| 2 chrA2.276081A | G | 0.2801 | 3966 |
| 2 chrA2.276491C | A | 0.2067 | 3942 |
| 2 chrA2.276966A | G | 0.2559 | 3990 |
| 2 chrA2.277385A | G | 0.02285 | 3982 |

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| 2 chrA2.278076G | A | 0.001995 | 4010 |
| 2 chrA2.278489A | G | 0.3467 | 4004 |
| 2 chrA2.279150C | A | 0.1106 | 4004 |
| 2 chrA2.280338A | C | 0.01201 | 3996 |
| 2 chrA2.280868G | A | 0.1037 | 3992 |
| 2 chrA2.281820G | A | 0.4935 | 3984 |
| 2 chrA2.282418G | A | 0.105 | 4000 |
| 2 chrA2.282656G | A | 0.001011 | 3958 |
| 2 chrA2.283134A | G | 0.1802 | 4006 |
| 2 chrA2.283389G | A | 0.4264 | 3870 |
| 2 chrA2.283639G | A | 0.2882 | 4004 |
| 2 chrA2.284009A | G | 0.3874 | 4004 |
| 2 chrA2.284338A | G | 0.3554 | 4004 |
| 2 chrA2.284841A | G | 0.1109 | 3978 |
| 2 chrA2.285328A | G | 0.252 | 3940 |
| 2 chrA2.285697A | G | 0.2909 | 3822 |
| 2 chrA2.286061A | G | 0.1606 | 3998 |
| 2 chrA2.286410A | G | 0.118 | 3992 |
| 2 chrA2.286848A | G | 0.03925 | 4000 |
| 2 chrA2.287290A | G | 0.4691 | 3954 |
| 2 chrA2.287950A | G | 0.08677 | 3976 |
| 2 chrA2.288298C | A | 0.4452 | 3994 |
| 2 chrA2.288321A | G | 0.05741 | 4006 |
| 2 chrA2.288650A | G | 0.3107 | 3962 |
| 2 chrA2.289091A | G | 0.4789 | 3936 |
| 2 chrA2.290436A | G | 0.1857 | 4002 |
| 2 chrA2.290921A | G | 0.168 | 4000 |
| 2 chrA2.291701A | G | 0.07827 | 3948 |
| 2 chrA2.292158C | A | 0.4997 | 3998 |
| 2 chrA2.292522A | G | 0.3889 | 3998 |
| 2 chrA2.292791G | A | 0.3524 | 4004 |
| 2 chrA2.293277G | A | 0.2736 | 3940 |
| 2 chrA2.293598G | A | 0.05197 | 4002 |
| 2 chrA2.293634A | C | 0.3951 | 4002 |
| 2 chrA2.294078A | G | 0.2025 | 3930 |
| 2 chrA2.294342G | A | 0.1883 | 3940 |
| 2 chrA2.294968A | G | 0.3008 | 4006 |
| 2 chrA2.295608G | A | 0.252 | 3992 |
| 2 chrA2.295882G | A | 0.3435 | 4006 |
| 2 chrA2.296680G | A | 0.4611 | 4008 |
| 2 chrA2.298168A | G | 0.2701 | 3976 |

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| 2 chrA2.29859 | G | 0.3315 | 4006 |
| 2 chrA2.29870 | G | 0.0524 | 4008 |
| 2 chrA2.29913 | G | 0.3898 | 3994 |
| 2 chrA2.29943 | G | 0.06394 | 4004 |
| 2 chrA2.30006 | C | 0.4442 | 3976 |
| 2 chrUn1.9644 | C | 0.3533 | 4000 |
| 2 chrA2.30059 | G | 0.08659 | 3996 |
| 2 chrUn1.9606 | G | 0.4068 | 4004 |
| 2 chrA2.30111 | A | 0.1341 | 3998 |
| 2 chrA2.30154 | G | 0.2991 | 4002 |
| 2 chrA2.30228 | C | 0.05085 | 3992 |
| 2 chrA2.30317 | G | 0.03322 | 3974 |
| 2 chrA2.30368 | G | 0.06134 | 3864 |
| 2 chrA2.30415 | G | 0.2889 | 3724 |
| 2 chrA2.30448 | C | 0.4297 | 3968 |
| 2 chrA2.30557 | G | 0.2345 | 4008 |
| 2 chrA2.30610 | A | 0.1484 | 3956 |
| 2 chrA2.30623 | 0 A | 0 | 3996 |
| 2 chrA2.30666 | A | 0.06908 | 4010 |
| 2 chrA2.30712 | G | 0.237 | 3962 |
| 2 chrA2.30791 | A | 0.0257 | 4008 |
| 2 chrA2.30819 | A | 0.3323 | 3924 |
| 2 chrA2.30857 | A | 0.02294 | 4010 |
| 2 chrA2.30897 | G | 0.2845 | 3898 |
| 2 chrA2.30974 | G | 0.3598 | 4002 |
| 2 chrA2.31046 | C | 0.01432 | 3910 |
| 2 chrA2.31088 | A | 0.01729 | 3990 |
| 2 chrA2.31119 | A | 0.02919 | 4008 |
| 2 chrA2.31162 | A | 0.02956 | 3992 |
| 2 chrA2.31210 | C | 0.2701 | 4002 |
| 2 chrA2.31249 | G | 0.07521 | 4002 |
| 2 chrA2.31301 | G | 0.1077 | 3992 |
| 2 chrA2.31334 | G | 0.3892 | 4006 |
| 2 chrA2.31357 | C | 0.2435 | 4000 |
| 2 chrA2.31443 | G | 0.2401 | 3986 |
| 2 chrA2.31446 | A | 0.0007481 | 4010 |
| 2 chrA2.31489 | A | 0.02743 | 3864 |
| 2 chrA2.31559 | G | 0.01771 | 4008 |
| 2 chrA2.31607 | A | 0.2272 | 3974 |
| 2 chrA2.31661 | G | 0.2852 | 3902 |
| 2 chrA2.31715 | G | 0.164 | 3994 |

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| 2 chrA2.317927A | G | 0.1296 | 3874 |
| 2 chrA2.318577A | G | 0.2934 | 3988 |
| 2 chrA2.319854A | G | 0.4083 | 3992 |
| 2 chrA2.320306C | A | 0.1833 | 3982 |
| 2 chrA2.320759A | G | 0.1577 | 3976 |
| 2 chrA2.321177G | A | 0.4413 | 3916 |
| 2 chrA2.321576A | G | 0.1006 | 3998 |
| 2 chrA2.322038G | A | 0.1618 | 4004 |
| 2 chrA2.322554A | G | 0.007692 | 3900 |
| 2 chrA2.323142C | A | 0.3207 | 3994 |
| 2 chrA2.323579C | A | 0.498 | 3978 |
| 2 chrA2.323853A | G | 0.3267 | 4004 |
| 2 chrA2.324326A | G | 0.1383 | 3796 |
| 2 chrA2.324603A | G | 0.02571 | 4006 |
| 2 chrA2.325797G | A | 0.4893 | 4002 |
| 2 chrA2.326101A | G | 0.05617 | 4006 |
| 2 chrA2.326282G | A | 0.06081 | 3996 |
| 2 chrA2.326707G | A | 0.06431 | 3996 |
| 2 chrA2.327218A | G | 0.04855 | 3996 |
| 2 chrA2.327608A | G | 0.07821 | 4002 |
| 2 chrA2.327859G | A | 0.1387 | 4008 |
| 2 chrA2.328118A | G | 0.2393 | 3986 |
| 2 chrA2.328456C | A | 0.2414 | 3932 |
| 2 chrA2.328702G | A | 0.3809 | 3988 |
| 2 chrA2.329246A | G | 0.4228 | 4002 |
| 2 chrA2.329526G | A | 0.1704 | 3838 |
| 2 chrA2.329911A | C | 0.244 | 4004 |
| 2 chrUn.616938A | G | 0.02505 | 3912 |
| 2 chrA2.330287G | A | 0.4462 | 3996 |
| 2 chrA2.330589A | G | 0.1037 | 3994 |
| 2 chrA2.331113A | G | 0.3862 | 4000 |
| 2 chrA2.331409A | G | 0.1595 | 4006 |
| 2 chrA2.332803G | A | 0.08879 | 3998 |
| 2 chrA2.333221A | G | 0.03497 | 4004 |
| 2 chrA2.333669A | G | 0.0671 | 3890 |
| 2 chrA2.334064A | G | 0.01248 | 4006 |
| 2 chrA2.334414A | G | 0.009726 | 4010 |
| 2 chrA2.334847A | G | 0.02043 | 3964 |
| 2 chrA2.335267A | G | 0.2825 | 4004 |
| 2 chrA2.336017C | A | 0.1874 | 3960 |
| 2 chrA2.336616G | A | 0.2513 | 3972 |

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|-----------------|-----|-----------|------|
| 2 chrA2.337614G | A | 0.1132 | 3992 |
| 2 chrUn33.3268A | G | 0.4383 | 3986 |
| 2 chrA2.338395A | G | 0.4173 | 4000 |
| 2 chrA2.339205A | G | 0.1925 | 3994 |
| 2 chrA2.339794A | G | 0.4702 | 3994 |
| 2 chrA2.340414A | G | 0.4952 | 3988 |
| 2 chrA2.340974A | G | 0.1169 | 3996 |
| 2 chrA2.342297C | A | 0.1591 | 3922 |
| 2 chrA2.342520A | G | 0.4005 | 4000 |
| 2 chrA2.342975A | G | 0.002045 | 3912 |
| 2 chrA2.343098C | A | 0.2573 | 3984 |
| 2 chrA2.343655G | A | 0.1792 | 4002 |
| 2 chrA2.344387A | G | 0.0007485 | 4008 |
| 2 chrA2.344655A | G | 0.06668 | 4004 |
| 2 chrA2.345205A | G | 0.3896 | 3894 |
| 2 chrA2.345445G | A | 0.3263 | 3996 |
| 2 chrA2.346080 | 0 G | 0 | 4010 |
| 2 chrA2.346274A | C | 0.1988 | 4004 |
| 2 chrA2.346978A | C | 0.169 | 4006 |
| 2 chrA2.347255G | A | 0.2141 | 3998 |
| 2 chrA2.347666A | G | 0.01605 | 3926 |
| 2 chrA2.347965C | A | 0.478 | 3994 |
| 2 chrA2.348398G | A | 0.1225 | 4008 |
| 2 chrA2.349064A | G | 0.4396 | 3992 |
| 2 chrUn.193919G | A | 0.2293 | 3960 |
| 2 chrA2.349767A | G | 0.0461 | 3774 |
| 2 chrA2.350015 | 0 A | 0 | 4006 |
| 2 chrA2.350716C | A | 0.1658 | 3998 |
| 2 chrA2.351006G | A | 0.2591 | 3964 |
| 2 chrA2.351316G | A | 0.2172 | 4006 |
| 2 chrA2.351957A | G | 0.2051 | 3794 |
| 2 chrA2.352257A | G | 0.404 | 3988 |
| 2 chrA2.353081A | G | 0.01347 | 4008 |
| 2 chrA2.354044C | A | 0.4637 | 3942 |
| 2 chrA2.354340A | G | 0.09859 | 3966 |
| 2 chrA2.354727G | A | 0.1619 | 3750 |
| 2 chrA2.355110A | G | 0.1452 | 4002 |
| 2 chrA2.355751C | A | 0.4662 | 3992 |
| 2 chrA2.355861G | A | 0.4432 | 3996 |
| 2 chrA2.356215G | A | 0.3379 | 3986 |
| 2 chrA2.356831A | G | 0.3327 | 4004 |

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| 2 chrA2.357726 | 0 A | 0 | 3998 |
| 2 chrA2.357742 | G | 0.3297 | 3994 |
| 2 chrA2.358060 | A | 0.2941 | 3998 |
| 2 chrA2.358394 | G | 0.3452 | 3728 |
| 2 chrA2.358985 | A | 0.07938 | 4006 |
| 2 chrA2.359706 | A | 0.08117 | 4004 |
| 2 chrA2.360276 | A | 0.3424 | 3972 |
| 2 chrA2.360740 | A | 0.2667 | 3978 |
| 2 chrA2.361251 | A | 0.3951 | 4002 |
| 2 chrA2.361259 | 0 G | 0 | 4008 |
| 2 chrA2.361590 | A | 0.2511 | 4002 |
| 2 chrA2.362236 | A | 0.4242 | 3998 |
| 2 chrA2.362551 | A | 0.1781 | 3986 |
| 2 chrUn.751490 | 0 G | 0 | 4000 |
| 2 chrA2.362956 | A | 0.4865 | 3988 |
| 2 chrA2.363280 | C | 0.0907 | 3958 |
| 2 chrA2.363717 | G | 0.268 | 3992 |
| 2 chrA2.364202 | A | 0.07564 | 4006 |
| 2 chrA2.364828 | A | 0.3073 | 4000 |
| 2 chrA2.365099 | G | 0.1349 | 4002 |
| 2 chrA2.365812 | A | 0.1239 | 4004 |
| 2 chrA2.366435 | A | 0.297 | 3996 |
| 2 chrA2.366753 | A | 0.04011 | 3864 |
| 2 chrA2.367360 | A | 0.205 | 3990 |
| 2 chrA2.367621 | G | 0.06385 | 3994 |
| 2 chrA2.368064 | A | 0.09799 | 3990 |
| 2 chrA2.368776 | A | 0.1246 | 4006 |
| 2 chrA2.369316 | A | 0.3087 | 3984 |
| 2 chrA2.369972 | A | 0.3352 | 3998 |
| 2 chrA2.370696 | A | 0.4395 | 3984 |
| 2 chrA2.370934 | C | 0.08546 | 3990 |
| 2 chrA2.371267 | C | 0.317 | 3968 |
| 2 chrA2.371594 | C | 0.04773 | 4002 |
| 2 chrA2.372122 | C | 0.1321 | 3762 |
| 2 chrA2.372659 | A | 0.2666 | 3998 |
| 2 chrA2.373126 | G | 0.1954 | 4002 |
| 2 chrA2.374266 | A | 0.3212 | 3954 |
| 2 chrA2.374468 | G | 0.03792 | 4008 |
| 2 chrA2.375178 | G | 0.3247 | 3982 |
| 2 chrA2.375608 | C | 0.4932 | 3982 |
| 2 chrA2.375908 | A | 0.1045 | 3992 |

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| 2 chrA2.376469A | G | 0.2925 | 3986 |
| 2 chrA2.376834A | G | 0.2188 | 4000 |
| 2 chrA2.377217C | A | 0.3022 | 3934 |
| 2 chrA2.377941G | A | 0.3922 | 3998 |
| 2 chrA2.378758A | C | 0.1778 | 3998 |
| 2 chrA2.379644G | A | 0.2603 | 3996 |
| 2 chrA2.380246C | A | 0.03149 | 3906 |
| 2 chrA2.380908G | A | 0.2076 | 3960 |
| 2 chrA2.381737A | G | 0.2088 | 3922 |
| 2 chrA2.382039A | G | 0.238 | 3996 |
| 2 chrA2.382358G | A | 0.4197 | 4000 |
| 2 chrA2.382917G | A | 0.3385 | 4006 |
| 2 chrA2.383169A | G | 0.2399 | 4002 |
| 2 chrA2.383496G | A | 0.07767 | 4004 |
| 2 chrA2.384159A | C | 0.4673 | 3888 |
| 2 chrA2.384618A | C | 0.1526 | 3998 |
| 2 chrA2.385107G | A | 0.4187 | 3996 |
| 2 chrA2.385388C | A | 0.1971 | 3992 |
| 2 chrA2.386531A | C | 0.3153 | 3990 |
| 2 chrA2.386799A | G | 0.1309 | 4004 |
| 2 chrA2.387288A | G | 0.02073 | 4004 |
| 2 chrA2.387677A | G | 0.452 | 4000 |
| 2 chrA2.388190G | A | 0.2594 | 4002 |
| 2 chrA2.388416A | C | 0.4462 | 3996 |
| 2 chrA2.388657G | A | 0.07243 | 4004 |
| 2 chrA2.389379C | A | 0.3734 | 3856 |
| 2 chrA2.389650A | C | 0.4691 | 3916 |
| 2 chrA2.389931A | G | 0.09216 | 4004 |
| 2 chrA2.390697G | A | 0.443 | 4002 |
| 2 chrA2.391157A | C | 0.4123 | 3980 |
| 2 chrA2.391439A | G | 0.1568 | 4006 |
| 2 chrA2.391769C | A | 0.09114 | 3994 |
| 2 chrA2.392440G | A | 0.2378 | 3882 |
| 2 chrA2.392749C | A | 0.06513 | 3992 |
| 2 chrA2.393251A | G | 0.2158 | 3990 |
| 2 chrA2.393620G | A | 0.1729 | 4008 |
| 2 chrA2.394497A | G | 0.01722 | 4008 |
| 2 chrA2.394769C | A | 0.1084 | 3984 |
| 2 chrA2.395209G | A | 0.06113 | 4008 |
| 2 chrA2.395497G | A | 0.2619 | 3986 |
| 2 chrA2.396046G | A | 0.482 | 4002 |

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|---------------|---|---|-----------|------|
| 2 chrA2.39719 | G | A | 0.4058 | 4002 |
| 2 chrA2.39816 | T | G | 0.2533 | 3964 |
| 2 chrA2.39855 | T | G | 0.4397 | 3982 |
| 2 chrA2.39895 | T | A | 0.01472 | 4008 |
| 2 chrA2.39914 | T | G | 0.02968 | 4010 |
| 2 chrA2.40001 | T | G | 0.4462 | 3998 |
| 2 chrA2.40073 | T | G | 0.06288 | 3992 |
| 2 chrA2.40228 | T | G | 0.2802 | 4004 |
| 2 chrA2.40263 | T | G | 0.0005035 | 3972 |
| 2 chrA2.40264 | T | A | 0.08875 | 4000 |
| 2 chrA2.40389 | T | G | 0.442 | 3984 |
| 2 chrA2.40482 | T | G | 0.4593 | 4006 |
| 2 chrA2.40612 | T | G | 0.3267 | 3994 |
| 2 chrA2.40729 | T | G | 0.358 | 3994 |
| 2 chrA2.40767 | T | G | 0.3402 | 4006 |
| 2 chrA2.40798 | T | C | 0.2635 | 4004 |
| 2 chrA2.40824 | T | G | 0.2614 | 3978 |
| 2 chrA2.40889 | T | G | 0.01149 | 4004 |
| 2 chrA2.40915 | T | A | 0.1537 | 4002 |
| 2 chrA2.40951 | T | A | 0.2227 | 4010 |
| 2 chrA2.41013 | T | C | 0.08689 | 3890 |
| 2 chrA2.41045 | T | G | 0.498 | 3980 |
| 2 chrA2.41098 | T | G | 0.07927 | 3898 |
| 2 chrA2.41130 | T | A | 0.3812 | 3938 |
| 2 chrA2.41174 | T | G | 0.104 | 3990 |
| 2 chrA2.41186 | T | G | 0.0002495 | 4008 |
| 2 chrA2.41226 | T | G | 0.2014 | 4006 |
| 2 chrA2.41263 | T | G | 0.487 | 3996 |
| 2 chrUn.30859 | T | C | 0.1343 | 3984 |
| 2 chrA2.41347 | T | A | 0.2011 | 3998 |
| 2 chrA2.41393 | T | A | 0.02274 | 4002 |
| 2 chrA2.41428 | T | G | 0.3643 | 3986 |
| 2 chrA2.41513 | T | G | 0.0248 | 3992 |
| 2 chrA2.41555 | T | G | 0.4715 | 3996 |
| 2 chrA2.41555 | T | A | 0.02856 | 3956 |
| 2 chrA2.41605 | T | A | 0.2296 | 4002 |
| 2 chrA2.41640 | T | A | 0.1766 | 3998 |
| 2 chrA2.41681 | T | G | 0.2649 | 4002 |
| 2 chrA2.41723 | T | G | 0.03773 | 3976 |
| 2 chrA2.41769 | T | G | 0.3149 | 4008 |
| 2 chrA2.41802 | T | G | 0.2806 | 4002 |

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| 2 chrA2.418448A | C | 0.08789 | 3948 |
| 2 chrA2.418692A | G | 0.1402 | 4002 |
| 2 chrA2.419915A | G | 0.3214 | 3992 |
| 2 chrA2.420491A | G | 0.07118 | 4004 |
| 2 chrA2.420930A | C | 0.3531 | 3976 |
| 2 chrA2.421328A | G | 0.3279 | 3992 |
| 2 chrA2.422162A | G | 0.274 | 3982 |
| 2 chrA2.422630A | G | 0.4208 | 3966 |
| 2 chrA2.423494A | G | 0.3527 | 3998 |
| 2 chrA2.423725A | G | 0.3858 | 4000 |
| 2 chrA2.423858A | G | 0.2614 | 4002 |
| 2 chrA2.424260C | A | 0.1123 | 4006 |
| 2 chrA2.425032A | G | 0.1416 | 4004 |
| 2 chrUn.561070G | A | 0.02092 | 3824 |
| 2 chrA2.426569A | G | 0.4232 | 3986 |
| 2 chrA2.426878A | G | 0.1363 | 3976 |
| 2 chrA2.427213A | G | 0.3425 | 4000 |
| 2 chrA2.427451G | A | 0.4457 | 3996 |
| 2 chrA2.427789A | G | 0.236 | 4008 |
| 2 chrA2.428168G | A | 0.4339 | 3996 |
| 2 chrA2.428659A | G | 0.1364 | 3996 |
| 2 chrA2.428914A | G | 0.09715 | 4004 |
| 2 chrA2.428931G | A | 0.3321 | 3990 |
| 2 chrA2.429437G | A | 0.3788 | 3970 |
| 2 chrA2.429916G | A | 0.4163 | 3992 |
| 2 chrA2.430371A | C | 0.3218 | 3968 |
| 2 chrA2.430983C | A | 0.4544 | 3966 |
| 2 chrA2.431937A | C | 0.4682 | 3990 |
| 2 chrA2.432293G | A | 0.2289 | 3998 |
| 2 chrA2.432627G | A | 0.174 | 4000 |
| 2 chrA2.433074A | G | 0.2333 | 4004 |
| 2 chrA2.433915G | A | 0.1296 | 4004 |
| 2 chrA2.434216G | A | 0.2916 | 3998 |
| 2 chrA2.435050C | A | 0.04766 | 3966 |
| 2 chrA2.435684C | A | 0.484 | 3992 |
| 2 chrA2.436047A | C | 0.4648 | 3954 |
| 2 chrA2.436549A | G | 0.1805 | 4006 |
| 2 chrA2.436816G | A | 0.4281 | 4004 |
| 2 chrA2.437332G | A | 0.4381 | 3990 |
| 2 chrA2.437601A | C | 0.006983 | 4010 |
| 2 chrA2.438081G | A | 0.2949 | 3998 |

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| 2 chrA2.438445A | G | 0.1643 | 3932 |
| 2 chrA2.438726G | A | 0.3526 | 3990 |
| 2 chrA2.438815C | A | 0.2011 | 3994 |
| 2 chrA2.439326A | G | 0.2757 | 3994 |
| 2 chrA2.440282G | A | 0.06149 | 3968 |
| 2 chrA2.440766A | G | 0.4319 | 3994 |
| 2 chrA2.441775A | G | 0.2836 | 3998 |
| 2 chrA2.442076A | G | 0.3105 | 4000 |
| 2 chrA2.442316A | G | 0.2139 | 3918 |
| 2 chrA2.442395 | 0 C | 0 | 4008 |
| 2 chrA2.442698A | C | 0.2271 | 3968 |
| 2 chrA2.442958A | G | 0.1807 | 4006 |
| 2 chrA2.443392A | G | 0.0989 | 4004 |
| 2 chrA2.443571G | A | 0.2713 | 3988 |
| 2 chrA2.443808G | A | 0.04527 | 3954 |
| 2 chrA2.444058G | A | 0.2536 | 3990 |
| 2 chrA2.444477G | A | 0.3561 | 3996 |
| 2 chrA2.444956A | G | 0.4336 | 4006 |
| 2 chrA2.445498A | G | 0.02072 | 4006 |
| 2 chrA2.445811G | A | 0.3 | 4004 |
| 2 chrA2.446512A | G | 0.1838 | 3998 |
| 2 chrA2.446754C | A | 0.2886 | 3978 |
| 2 chrA2.447252A | G | 0.09563 | 3932 |
| 2 chrA2.447765A | G | 0.2715 | 4000 |
| 2 chrA2.448306A | G | 0.3072 | 3998 |
| 2 chrA2.448986A | C | 0.1293 | 3998 |
| 2 chrA2.449277A | G | 0.1282 | 4002 |
| 2 chrA2.450328A | G | 0.08405 | 3950 |
| 2 chrA2.450964G | A | 0.391 | 3862 |
| 2 chrA2.451818G | A | 0.04671 | 3982 |
| 2 chrA2.452066G | A | 0.2036 | 3964 |
| 2 chrA2.452667A | C | 0.4927 | 3996 |
| 2 chrA2.453205A | G | 0.4699 | 3892 |
| 2 chrA2.453936A | G | 0.1545 | 4006 |
| 2 chrA2.454358A | G | 0.2177 | 4000 |
| 2 chrA2.454756A | G | 0.1693 | 3998 |
| 2 chrA2.455146G | A | 0.3253 | 3996 |
| 2 chrA2.455215A | G | 0.3546 | 3982 |
| 2 chrA2.456212C | A | 0.09778 | 3968 |
| 2 chrUn.666215G | A | 0.2345 | 4004 |
| 2 chrA2.456727G | A | 0.01524 | 4002 |

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| 2 chrA2.457245A | G | 0.1041 | 4004 |
| 2 chrA2.457849A | C | 0.1465 | 4008 |
| 2 chrUn.381876G | A | 0.2554 | 4002 |
| 2 chrA2.458115G | A | 0.1778 | 3994 |
| 2 chrA2.458505A | G | 0.405 | 4002 |
| 2 chrA2.458792A | G | 0.2724 | 3788 |
| 2 chrA2.459136C | A | 0.0669 | 4006 |
| 2 chrA2.459432A | G | 0.3193 | 3990 |
| 2 chrA2.459686A | G | 0.1639 | 3996 |
| 2 chrA2.460131G | A | 0.3843 | 3916 |
| 2 chrA2.460660A | G | 0.05158 | 3994 |
| 2 chrA2.461058A | G | 0.4656 | 4006 |
| 2 chrA2.461430A | G | 0.01845 | 4010 |
| 2 chrA2.461645A | C | 0.0002495 | 4008 |
| 2 chrE3.599547C | A | 0.1429 | 3772 |
| 2 chrA2.467776A | G | 0.2482 | 3980 |
| 2 chrA2.468166G | A | 0.07692 | 4004 |
| 2 chrA2.468815A | C | 0.3451 | 3996 |
| 2 chrA2.469266A | G | 0.2792 | 4000 |
| 2 chrA2.469707A | C | 0.2315 | 3974 |
| 2 chrA2.470376A | G | 0.3468 | 4000 |
| 2 chrA2.470661G | A | 0.006804 | 3968 |
| 2 chrA2.471027A | G | 0.3282 | 3946 |
| 2 chrA2.471412A | G | 0.2069 | 3998 |
| 2 chrA2.472249A | C | 0.2762 | 3986 |
| 2 chrA2.472595A | G | 0.09425 | 4000 |
| 2 chrA2.473006A | G | 0.3914 | 3952 |
| 2 chrA2.473410A | C | 0.2831 | 3992 |
| 2 chrA2.473724A | G | 0.0792 | 3990 |
| 2 chrA2.473966G | A | 0.2356 | 3972 |
| 2 chrA2.474241G | A | 0.06494 | 4004 |
| 2 chrA2.474872G | A | 0.07621 | 4002 |
| 2 chrA2.475244A | G | 0.1452 | 3918 |
| 2 chrA2.475666G | A | 0.2806 | 4002 |
| 2 chrA2.475680A | G | 0.3722 | 4000 |
| 2 chrA2.476065A | G | 0.3914 | 4006 |
| 2 chrA2.476578A | C | 0.1883 | 3892 |
| 2 chrA2.476910G | A | 0.292 | 3996 |
| 2 chrA2.476986 | 0 G | 0 | 4008 |
| 2 chrA2.477365A | G | 0.2191 | 3998 |
| 2 chrA2.477775G | A | 0.08559 | 3996 |

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| 2 chrA2.478244G | A | 0.0991 | 3996 |
| 2 chrA2.478456A | G | 0.2431 | 3970 |
| 2 chrA2.478853C | A | 0.053 | 3736 |
| 2 chrA2.479171A | G | 0.1724 | 3928 |
| 2 chrA2.479474A | G | 0.2069 | 3978 |
| 2 chrA2.480165A | G | 0.1324 | 3950 |
| 2 chrUn.411016A | G | 0.08142 | 4004 |
| 2 chrA2.480792A | C | 0.1368 | 3934 |
| 2 chrA2.481049A | G | 0.3498 | 4000 |
| 2 chrA2.481448G | A | 0.2402 | 4000 |
| 2 chrA2.482042A | G | 0.08525 | 4000 |
| 2 chrA2.482286G | A | 0.1633 | 3998 |
| 2 chrA2.482646A | C | 0.0287 | 3972 |
| 2 chrA2.483015A | G | 0.1127 | 3956 |
| 2 chrA2.483286G | A | 0.4925 | 4002 |
| 2 chrA2.484026A | G | 0.1132 | 3994 |
| 2 chrA2.484093A | C | 0.06528 | 3998 |
| 2 chrA2.484596A | G | 0.2204 | 4006 |
| 2 chrA2.484917A | G | 0.08715 | 3970 |
| 2 chrA2.486537G | A | 0.08696 | 4002 |
| 2 chrA2.486777A | C | 0.1511 | 4004 |
| 2 chrA2.487259A | G | 0.1167 | 3966 |
| 2 chrA2.488149A | C | 0.08672 | 3990 |
| 2 chrA2.488478A | G | 0.02298 | 4004 |
| 2 chrA2.488763A | G | 0.06985 | 3980 |
| 2 chrA2.489083G | A | 0.1083 | 4008 |
| 2 chrA2.489711G | A | 0.3348 | 3990 |
| 2 chrA2.490188A | G | 0.3128 | 3986 |
| 2 chrA2.490538A | G | 0.4269 | 3994 |
| 2 chrA2.491204G | A | 0.4451 | 4004 |
| 2 chrA2.491796A | G | 0.2361 | 4006 |
| 2 chrA2.491812A | G | 0.4437 | 3976 |
| 2 chrA2.492455G | A | 0.3085 | 3990 |
| 2 chrA2.493183G | A | 0.09417 | 3982 |
| 2 chrA2.493476A | G | 0.1532 | 4000 |
| 2 chrA2.494072G | A | 0.2865 | 4000 |
| 2 chrA2.494383A | C | 0.05528 | 3582 |
| 2 chrA2.494842A | G | 0.08496 | 4002 |
| 2 chrA2.495202A | G | 0.3142 | 3972 |
| 2 chrA2.495576C | A | 0.1286 | 4006 |
| 2 chrA2.496526A | G | 0.05318 | 3968 |

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| 2 chrA2.496675G | A | 0.03321 | 3854 |
| 2 chrA2.496979G | A | 0.3213 | 3996 |
| 2 chrA2.497335A | C | 0.03219 | 4008 |
| 2 chrA2.497615G | A | 0.3213 | 4002 |
| 2 chrA2.497885G | A | 0.4401 | 4004 |
| 2 chrA2.498285A | G | 0.03242 | 4010 |
| 2 chrA2.498641G | A | 0.4803 | 4000 |
| 2 chrA2.498934C | A | 0.1773 | 3964 |
| 2 chrA2.499021G | A | 0.3256 | 4002 |
| 2 chrA2.499495A | G | 0.1047 | 4002 |
| 2 chrA2.499975G | A | 0.04852 | 3998 |
| 2 chrA2.500879A | G | 0.147 | 3992 |
| 2 chrA2.500945A | G | 0.1164 | 4004 |
| 2 chrA2.501295G | A | 0.3569 | 3996 |
| 2 chrA2.501705G | A | 0.005985 | 4010 |
| 2 chrA2.502054G | A | 0.1477 | 4000 |
| 2 chrA2.502352G | A | 0.268 | 3982 |
| 2 chrA2.502585C | A | 0.1985 | 3980 |
| 2 chrA2.503077G | A | 0.2926 | 4002 |
| 2 chrA2.503397A | G | 0.2278 | 4004 |
| 2 chrA2.504681A | C | 0.1984 | 3896 |
| 2 chrA2.505045A | G | 0.3223 | 4000 |
| 2 chrA2.505745G | A | 0.06915 | 4006 |
| 2 chrA2.506270A | G | 0.2036 | 3998 |
| 2 chrA2.507015A | G | 0.138 | 3992 |
| 2 chrA2.507295A | G | 0.3165 | 3968 |
| 2 chrA2.507634C | A | 0.2004 | 3992 |
| 2 chrA2.508176A | G | 0.1717 | 4008 |
| 2 chrA2.509165A | G | 0.0741 | 4008 |
| 2 chrA2.510492A | C | 0.3971 | 3986 |
| 2 chrA2.510896C | A | 0.2281 | 3998 |
| 2 chrA2.511722A | G | 0.04198 | 4002 |
| 2 chrA2.512025A | G | 0.1541 | 3984 |
| 2 chrA2.512318G | A | 0.1247 | 3970 |
| 2 chrA2.512575G | A | 0.3801 | 4004 |
| 2 chrA2.512848G | A | 0.02396 | 4006 |
| 2 chrA2.513294G | A | 0.3283 | 3996 |
| 2 chrA2.513925G | A | 0.2477 | 3992 |
| 2 chrA2.514416A | G | 0.05519 | 4004 |
| 2 chrA2.514892A | G | 0.1518 | 4004 |
| 2 chrA2.515142A | G | 0.1111 | 3978 |

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| 2 chrA2.515502C | A | 0.2942 | 3984 |
| 2 chrA2.515872G | A | 0.4551 | 3988 |
| 2 chrA2.516467A | G | 0.2016 | 3998 |
| 2 chrA2.516811G | A | 0.2866 | 3946 |
| 2 chrA2.516887A | G | 0.2054 | 4006 |
| 2 chrA2.517419A | G | 0.1865 | 4006 |
| 2 chrA2.518116A | G | 0.3571 | 3890 |
| 2 chrA2.518562G | A | 0.2203 | 4004 |
| 2 chrA2.518956A | G | 0.4702 | 3996 |
| 2 chrA2.519341A | G | 0.1667 | 4006 |
| 2 chrA2.519735C | A | 0.2275 | 3978 |
| 2 chrA2.520608A | C | 0.1516 | 3978 |
| 2 chrA2.520976A | G | 0.002745 | 4008 |
| 2 chrA2.521339G | A | 0.2805 | 3978 |
| 2 chrA2.521595A | G | 0.284 | 4004 |
| 2 chrA2.522234A | G | 0.4396 | 4004 |
| 2 chrA2.522904A | G | 0.2468 | 4004 |
| 2 chrA2.523345A | C | 0.4541 | 3920 |
| 2 chrA2.523627A | G | 0.3761 | 3996 |
| 2 chrA2.523985A | G | 0.1023 | 3918 |
| 2 chrA2.524424G | A | 0.3577 | 3922 |
| 2 chrA2.524695G | A | 0.2699 | 3990 |
| 2 chrA2.525148A | G | 0.1386 | 4004 |
| 2 chrA2.525449A | G | 0.2071 | 3974 |
| 2 chrA2.526134G | A | 0.2432 | 3996 |
| 2 chrA2.526575A | G | 0.2345 | 3996 |
| 2 chrA2.527324G | A | 0.0746 | 4008 |
| 2 chrA2.527776A | G | 0.1286 | 3958 |
| 2 chrA2.528035A | G | 0.1 | 3680 |
| 2 chrA2.528518G | A | 0.2789 | 4002 |
| 2 chrA2.528826G | A | 0.4359 | 3964 |
| 2 chrA2.528832A | G | 0.4985 | 3882 |
| 2 chrA2.529136A | G | 0.1773 | 3926 |
| 2 chrA2.529579A | G | 0.1554 | 3996 |
| 2 chrA2.530255G | A | 0.1299 | 4004 |
| 2 chrA2.531099A | G | 0.2534 | 3998 |
| 2 chrA2.531304G | A | 0.002747 | 4004 |
| 2 chrA2.531475G | A | 0.219 | 3978 |
| 2 chrA2.532024A | G | 0.2245 | 4004 |
| 2 chrA2.532411A | G | 0.2449 | 3998 |
| 2 chrA2.532902A | G | 0.1129 | 3978 |

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| 2 chrA2.533769G | A | 0.004813 | 3948 |
| 2 chrA2.534269G | A | 0.111 | 4008 |
| 2 chrA2.534519A | G | 0.28 | 4004 |
| 2 chrA2.535294A | G | 0.3203 | 4002 |
| 2 chrA2.535560A | C | 0.01982 | 3784 |
| 2 chrA2.535811G | A | 0.4168 | 4004 |
| 2 chrA2.536294G | A | 0.2159 | 3928 |
| 2 chrA2.537306A | G | 0.4035 | 3980 |
| 2 chrA2.537679A | G | 0.1848 | 3994 |
| 2 chrA2.538080A | C | 0.1081 | 3988 |
| 2 chrA2.538490G | A | 0.04102 | 3998 |
| 2 chrA2.539029A | G | 0.4019 | 3986 |
| 2 chrA2.539662G | A | 0.2465 | 4004 |
| 2 chrA2.539891A | G | 0.04173 | 4002 |
| 2 chrA2.540019A | G | 0.1806 | 3976 |
| 2 chrA2.540286A | G | 0.2355 | 3940 |
| 2 chrA2.541056A | C | 0.1771 | 3980 |
| 2 chrA2.541589G | A | 0.1348 | 3992 |
| 2 chrA2.541978A | G | 0.1817 | 3864 |
| 2 chrA2.542920G | A | 0.3547 | 4006 |
| 2 chrA2.543569A | G | 0.1955 | 4000 |
| 2 chrA2.544267A | G | 0.1172 | 3994 |
| 2 chrA2.544946A | C | 0.4653 | 4002 |
| 2 chrA2.545401A | G | 0.136 | 3986 |
| 2 chrA2.545899A | G | 0.04142 | 4008 |
| 2 chrA2.546266C | A | 0.4475 | 3946 |
| 2 chrA2.546719G | A | 0.205 | 4004 |
| 2 chrA2.547227G | A | 0.2069 | 3988 |
| 2 chrA2.547658G | A | 0.4077 | 3976 |
| 2 chrA2.547910A | G | 0.3575 | 3966 |
| 2 chrA2.548202 | 0 A | 0 | 4010 |
| 2 chrA2.548337G | A | 0.252 | 3936 |
| 2 chrA2.548431G | A | 0.008242 | 4004 |
| 2 chrA2.548664A | G | 0.3559 | 3998 |
| 2 chrA2.548981G | A | 0.1817 | 4002 |
| 2 chrA2.549226G | A | 0.07725 | 4000 |
| 2 chrA2.549629A | G | 0.1514 | 4008 |
| 2 chrA2.549867A | C | 0.1654 | 3960 |
| 2 chrA2.550142G | A | 0.03794 | 4006 |
| 2 chrA2.550569C | A | 0.2042 | 3942 |
| 2 chrA2.551161A | G | 0.05784 | 3942 |

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| 2 chrA2.551427A | G | 0.4608 | 4006 |
| 2 chrA2.175558A | G | 0.1713 | 3998 |
| 2 chrA2.552070C | A | 0.3674 | 3952 |
| 2 chrA2.552651A | G | 0.07539 | 4006 |
| 2 chrA2.553049A | G | 0.3733 | 3986 |
| 2 chrA2.553582A | G | 0.1142 | 4000 |
| 2 chrA2.553957A | G | 0.3379 | 3912 |
| 2 chrA2.554259A | G | 0.07542 | 4004 |
| 2 chrA2.555604A | C | 0.2175 | 3996 |
| 2 chrA2.556059G | A | 0.0332 | 4006 |
| 2 chrA2.556450A | G | 0.1379 | 4010 |
| 2 chrA2.556704G | A | 0.488 | 3818 |
| 2 chrA2.557477A | G | 0.3955 | 3970 |
| 2 chrA2.557857G | A | 0.02983 | 3688 |
| 2 chrA2.558201G | A | 0.1301 | 3998 |
| 2 chrA2.558471A | G | 0.4417 | 3962 |
| 2 chrA2.558719A | G | 0.07882 | 3984 |
| 2 chrA2.558999A | G | 0.06931 | 3982 |
| 2 chrA2.559244C | A | 0.1123 | 4008 |
| 2 chrA2.559732A | G | 0.03069 | 4008 |
| 2 chrA2.560064G | A | 0.2184 | 3878 |
| 2 chrA2.560329A | G | 0.1688 | 4004 |
| 2 chrA2.560759A | G | 0.4577 | 4000 |
| 2 chrA2.561012A | G | 0.281 | 3990 |
| 2 chrA2.561479A | G | 0.4745 | 4002 |
| 2 chrA2.561734G | A | 0.06081 | 3996 |
| 2 chrA2.561767A | G | 0.04793 | 3964 |
| 2 chrA2.561990A | G | 0.01621 | 4010 |
| 2 chrA2.562219G | A | 0.1628 | 4006 |
| 2 chrA2.562859A | G | 0.01084 | 3876 |
| 2 chrA2.563190A | G | 0.1455 | 4006 |
| 2 chrA2.563599A | G | 0.1283 | 4006 |
| 2 chrA2.563851A | G | 0.2565 | 4000 |
| 2 chrA2.564939G | A | 0.1477 | 3994 |
| 2 chrA2.565409A | G | 0.1557 | 3860 |
| 2 chrA2.565907G | A | 0.09381 | 4008 |
| 2 chrA2.566477G | A | 0.1109 | 3968 |
| 2 chrA2.567239G | A | 0.1081 | 4006 |
| 2 chrA2.567580C | A | 0.2594 | 3982 |
| 2 chrA2.567830A | G | 0.01222 | 4010 |
| 2 chrA2.568720A | G | 0.1151 | 4004 |

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| 2 chrA2.569125G | A | 0.1543 | 4004 |
| 2 chrA2.569592A | C | 0.06886 | 3776 |
| 2 chrA2.569960G | A | 0.3223 | 4000 |
| 2 chrA2.570464A | G | 0.3031 | 3972 |
| 2 chrA2.571165A | G | 0.005621 | 3914 |
| 2 chrA2.571675A | G | 0.08209 | 4008 |
| 2 chrA2.572542A | G | 0.1378 | 3998 |
| 2 chrA2.572855A | G | 0.3842 | 3948 |
| 2 chrA2.573211A | G | 0.09706 | 4008 |
| 2 chrA2.573927G | A | 0.1783 | 4000 |
| 2 chrA2.574567A | G | 0.06911 | 3762 |
| 2 chrA2.575025G | A | 0.1952 | 4002 |
| 2 chrA2.575646A | G | 0.1988 | 3988 |
| 2 chrA2.576058 | 0 G | 0 | 4008 |
| 2 chrA2.576579A | G | 0.09518 | 3982 |
| 2 chrA2.577166A | G | 0.03273 | 3880 |
| 2 chrA2.578613A | G | 0.464 | 4000 |
| 2 chrA2.578615A | G | 0.367 | 3978 |
| 2 chrA2.578756G | A | 0.4115 | 3988 |
| 2 chrA2.578896C | A | 0.1701 | 4004 |
| 2 chrA2.579335A | G | 0.1687 | 3972 |
| 2 chrA2.579655A | G | 0.1729 | 4008 |
| 2 chrA2.579962G | A | 0.4747 | 3992 |
| 2 chrA2.580215G | A | 0.1363 | 4006 |
| 2 chrA2.580467A | G | 0.4055 | 3928 |
| 2 chrA2.580985A | G | 0.1418 | 3794 |
| 2 chrA2.581657A | G | 0.1865 | 4006 |
| 2 chrA2.581925A | C | 0.316 | 4000 |
| 2 chrA2.582407A | G | 0.09656 | 4008 |
| 2 chrA2.582811C | A | 0.3212 | 3998 |
| 2 chrA2.583312A | G | 0.09759 | 3894 |
| 2 chrUn.680705A | G | 0.2491 | 4006 |
| 2 chrA2.584090A | G | 0.3629 | 3998 |
| 2 chrA2.584335A | C | 0.1681 | 3992 |
| 2 chrA2.584418A | G | 0.08342 | 4004 |
| 2 chrA2.585395A | G | 0.1779 | 4008 |
| 2 chrA2.586615G | A | 0.1281 | 3996 |
| 2 chrA2.586955G | A | 0.1864 | 3992 |
| 2 chrA2.587260G | A | 0.1228 | 3998 |
| 2 chrA2.587541A | G | 0.1507 | 3994 |
| 2 chrA2.587782A | C | 0.1387 | 3974 |

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|-----------------|---|---------|------|
| 2 chrA2.589091A | G | 0.4198 | 4004 |
| 2 chrA2.590391C | A | 0.02021 | 4008 |
| 2 chrA2.592009A | G | 0.1453 | 3868 |
| 2 chrA2.592589G | A | 0.1216 | 3990 |
| 2 chrA2.592999G | A | 0.4585 | 4002 |
| 2 chrA2.593531A | G | 0.1542 | 4000 |
| 2 chrA2.594191A | G | 0.1316 | 3952 |
| 2 chrA2.594230G | A | 0.4597 | 3970 |
| 2 chrA2.594462A | G | 0.1609 | 3960 |
| 2 chrA2.595029A | G | 0.2621 | 4006 |
| 2 chrA2.595281A | G | 0.07143 | 4004 |
| 2 chrA2.595841A | G | 0.4342 | 3994 |
| 2 chrUn.492550A | C | 0.4112 | 3998 |
| 2 chrA2.596390A | G | 0.4101 | 3948 |
| 2 chrA2.596657A | G | 0.0386 | 3808 |
| 2 chrA2.597274G | A | 0.3989 | 3986 |
| 2 chrA2.598029A | G | 0.4955 | 4002 |
| 2 chrA2.598301A | G | 0.4591 | 3988 |
| 2 chrA2.598552G | A | 0.2563 | 3940 |
| 2 chrA2.599142A | G | 0.4424 | 3872 |
| 2 chrA2.599547G | A | 0.08531 | 3962 |
| 2 chrA2.600031A | C | 0.1386 | 4004 |
| 2 chrA2.600362A | G | 0.2459 | 4006 |
| 2 chrA2.600720G | A | 0.1857 | 3936 |
| 2 chrA2.601319A | G | 0.04124 | 3880 |
| 2 chrA2.601762G | A | 0.05015 | 3988 |
| 2 chrA2.602084A | G | 0.2905 | 3966 |
| 2 chrA2.602848G | A | 0.329 | 4006 |
| 2 chrA2.603651G | A | 0.2539 | 4002 |
| 2 chrA2.604194A | G | 0.3751 | 4002 |
| 2 chrA2.605499G | A | 0.3111 | 3996 |
| 2 chrA2.606400A | G | 0.3379 | 4004 |
| 2 chrA2.605874G | A | 0.1649 | 4002 |
| 2 chrA2.607427G | A | 0.3199 | 4008 |
| 2 chrA2.607871G | A | 0.3916 | 4004 |
| 2 chrA2.608869G | A | 0.4869 | 3982 |
| 2 chrA2.609311A | G | 0.04045 | 3980 |
| 2 chrA2.609670A | G | 0.02665 | 3828 |
| 2 chrA2.610289A | G | 0.02202 | 3996 |
| 2 chrA2.610767A | G | 0.09495 | 3960 |
| 2 chrA2.611639C | A | 0.4296 | 3852 |

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| 2 chrA2.612371C | A | 0.1753 | 4000 |
| 2 chrA2.612731G | A | 0.007286 | 3980 |
| 2 chrA2.613101A | G | 0.06825 | 4000 |
| 2 chrA2.613784G | A | 0.07829 | 3998 |
| 2 chrA2.614401G | A | 0.4722 | 3996 |
| 2 chrA2.615101A | C | 0.2113 | 4008 |
| 2 chrA2.615401C | A | 0.2098 | 3984 |
| 2 chrA2.615991C | A | 0.003271 | 3974 |
| 2 chrA2.616191G | A | 0.07 | 4000 |
| 2 chrA2.616711G | A | 0.4457 | 4000 |
| 2 chrA2.617311C | C | 0.09491 | 4004 |
| 2 chrA2.617551A | G | 0.4573 | 4002 |
| 2 chrA2.617861A | C | 0.2996 | 4006 |
| 2 chrA2.618191A | G | 0.2193 | 4004 |
| 2 chrA2.618571C | A | 0.04167 | 4008 |
| 2 chrA2.619211G | A | 0.2759 | 4008 |
| 2 chrA2.620411G | A | 0.0201 | 3682 |
| 2 chrA2.620701A | G | 0.00974 | 4004 |
| 2 chrA2.620941A | G | 0.2914 | 4008 |
| 2 chrA2.621021A | G | 0.07692 | 4004 |
| 2 chrA2.621821A | G | 0.3366 | 3996 |
| 2 chrA2.622121C | A | 0.2563 | 3996 |
| 2 chrA2.622381A | C | 0.4012 | 3978 |
| 2 chrA2.622621G | A | 0.1977 | 4002 |
| 2 chrA2.623261G | A | 0.06503 | 3998 |
| 2 chrA2.623641A | G | 0.2415 | 4004 |
| 2 chrA2.624151A | G | 0.2072 | 3976 |
| 2 chrA2.624611G | A | 0.3632 | 4006 |
| 2 chrA2.625341G | A | 0.06416 | 3990 |
| 2 chrA2.626584A | G | 0.3879 | 3988 |
| 2 chrA2.626991A | G | 0.2205 | 4004 |
| 2 chrA2.627311A | C | 0.1606 | 3984 |
| 2 chrA2.627661G | A | 0.06479 | 3982 |
| 2 chrA2.627921A | G | 0.2685 | 3992 |
| 2 chrA2.628441A | G | 0.4052 | 3998 |
| 2 chrA2.628761A | G | 0.2796 | 3812 |
| 2 chrA2.629381A | G | 0.1139 | 3994 |
| 2 chrA2.629551G | A | 0.0002494 | 4010 |
| 2 chrA2.629571G | A | 0.4805 | 3992 |
| 2 chrUn.630641A | G | 0.3453 | 4000 |
| 2 chrA2.629821A | C | 0.3459 | 3990 |

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| 2 chrA2.630415A | G | 0.06621 | 3972 |
| 2 chrA2.630858G | A | 0.1799 | 3996 |
| 2 chrA2.631141A | C | 0.01497 | 4008 |
| 2 chrA2.631444G | A | 0.04846 | 3962 |
| 2 chrA2.631722A | G | 0.2788 | 3992 |
| 2 chrA2.632075A | G | 0.03415 | 3982 |
| 2 chrA2.632666G | A | 0.05766 | 4006 |
| 2 chrA2.632907C | A | 0.2754 | 3998 |
| 2 chrA2.633186G | A | 0.03098 | 4002 |
| 2 chrA2.633475A | C | 0.178 | 4006 |
| 2 chrA2.633735G | A | 0.3281 | 3990 |
| 2 chrA2.634880A | G | 0.3513 | 4008 |
| 2 chrA2.635164G | A | 0.002 | 4000 |
| 2 chrA2.635462G | A | 0.3446 | 3996 |
| 2 chrA2.636130A | G | 0.2309 | 3998 |
| 2 chrA2.636452G | A | 0.231 | 4004 |
| 2 chrA2.638164A | G | 0.2251 | 3998 |
| 2 chrA2.638417A | G | 0.2482 | 3996 |
| 2 chrA2.638688A | G | 0.3264 | 3998 |
| 2 chrA2.639252C | A | 0.2828 | 4000 |
| 2 chrA2.639504A | G | 0.1515 | 4000 |
| 2 chrA2.639930A | G | 0.2406 | 4006 |
| 2 chrA2.640582A | G | 0.2732 | 3986 |
| 2 chrA2.640995G | A | 0.2331 | 3878 |
| 2 chrA2.641306C | A | 0.1444 | 3968 |
| 2 chrA2.641748A | G | 0.4397 | 3998 |
| 2 chrA2.642328A | C | 0.0429 | 3706 |
| 2 chrA2.643129A | G | 0.284 | 4000 |
| 2 chrA2.643455G | A | 0.4275 | 4000 |
| 2 chrA2.643916A | G | 0.1998 | 3988 |
| 2 chrA2.644157A | G | 0.2471 | 4002 |
| 2 chrA2.644518A | C | 0.4232 | 3984 |
| 2 chrA2.644904G | A | 0.2848 | 3982 |
| 2 chrA2.645246A | C | 0.4842 | 3994 |
| 2 chrA2.645551G | A | 0.2736 | 3874 |
| 2 chrA2.646020A | G | 0.3313 | 4002 |
| 2 chrA2.646391G | A | 0.29 | 4010 |
| 2 chrA2.647029A | G | 0.3118 | 3990 |
| 2 chrA2.647355A | G | 0.1571 | 3992 |
| 2 chrA2.647911G | A | 0.3723 | 4002 |
| 2 chrA2.648368A | G | 0.03069 | 4008 |

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| 2 chrA2.648400A | G | 0.2585 | 3980 |
| 2 chrA2.648401A | G | 0.1836 | 3944 |
| 2 chrA2.648997A | C | 0.1256 | 4006 |
| 2 chrA2.649334A | G | 0.1795 | 3988 |
| 2 chrA2.649739C | A | 0.426 | 3988 |
| 2 chrA2.650036A | G | 0.157 | 3994 |
| 2 chrA2.650795G | A | 0.4569 | 3988 |
| 2 chrA2.651186A | G | 0.3434 | 4004 |
| 2 chrA2.651436G | A | 0.4107 | 3910 |
| 2 chrA2.651748G | A | 0.4835 | 4000 |
| 2 chrA2.652106A | G | 0.04202 | 3974 |
| 2 chrA2.652386A | G | 0.4301 | 3992 |
| 2 chrA2.652760A | G | 0.3524 | 4004 |
| 2 chrA2.653222A | G | 0.3334 | 4004 |
| 2 chrA2.653848G | A | 0.2826 | 3998 |
| 2 chrA2.654389G | A | 0.2995 | 4000 |
| 2 chrA2.654704G | A | 0.04648 | 4002 |
| 2 chrA2.655264A | G | 0.1063 | 3978 |
| 2 chrA2.655808A | G | 0.4101 | 3938 |
| 2 chrA2.656349G | A | 0.1329 | 4002 |
| 2 chrA2.656594A | G | 0.1063 | 3962 |
| 2 chrA2.656901G | A | 0.1098 | 4006 |
| 2 chrA2.657505A | G | 0.3963 | 3982 |
| 2 chrA2.657841A | G | 0.3117 | 4004 |
| 2 chrA2.659089A | G | 0.4133 | 4002 |
| 2 chrA2.659516C | A | 0.2143 | 4004 |
| 2 chrA2.659777G | A | 0.3195 | 4006 |
| 2 chrA2.660156G | A | 0.4327 | 4010 |
| 2 chrA2.660605G | A | 0.127 | 3944 |
| 2 chrA2.660694A | G | 0.1229 | 3994 |
| 2 chrA2.660945A | C | 0.3362 | 3938 |
| 2 chrA2.661339A | G | 0.148 | 4006 |
| 2 chrA2.661627G | A | 0.02897 | 4004 |
| 2 chrA2.662185A | G | 0.076 | 4000 |
| 2 chrA2.662907A | G | 0.1714 | 4002 |
| 2 chrA2.663269A | G | 0.3597 | 3978 |
| 2 chrA2.663904G | A | 0.3846 | 4002 |
| 2 chrA2.664598A | C | 0.0694 | 4006 |
| 2 chrA2.665015A | C | 0.3439 | 3998 |
| 2 chrA2.665254G | A | 0.2722 | 3982 |
| 2 chrA2.665769G | A | 0.3107 | 4004 |

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|----------------|-----|---------|------|
| 2 chrA2.66615G | A | 0.2349 | 3994 |
| 2 chrA2.66660G | A | 0.2548 | 4000 |
| 2 chrA2.66751A | C | 0.1073 | 4008 |
| 2 chrA2.66810G | A | 0.1648 | 3884 |
| 2 chrA2.66853A | G | 0.1354 | 4004 |
| 2 chrA2.66903G | 0 G | 0 | 4010 |
| 2 chrA2.66905A | C | 0.4216 | 3940 |
| 2 chrA2.66939C | A | 0.4933 | 4002 |
| 2 chrA2.66982G | A | 0.247 | 4004 |
| 2 chrA2.67045A | G | 0.4855 | 3998 |
| 2 chrA2.67015G | A | 0.3515 | 3994 |
| 2 chrA2.67090G | A | 0.4543 | 4004 |
| 2 chrA2.67131C | A | 0.4839 | 3974 |
| 2 chrA2.67165A | G | 0.3318 | 3954 |
| 2 chrA2.67206A | G | 0.3981 | 4004 |
| 2 chrA2.67243A | G | 0.3976 | 3994 |
| 2 chrA2.67299A | G | 0.3029 | 3998 |
| 2 chrA2.67355A | G | 0.4556 | 3962 |
| 2 chrA2.67405G | 0 A | 0 | 4008 |
| 2 chrA2.67417A | C | 0.08562 | 4006 |
| 2 chrA2.67452A | G | 0.2886 | 4006 |
| 2 chrA2.67489A | G | 0.2673 | 3970 |
| 2 chrA2.67566G | A | 0.1632 | 3982 |
| 2 chrA2.67603A | G | 0.07254 | 3984 |
| 2 chrA2.67651A | G | 0.2989 | 3998 |
| 2 chrA2.67675A | G | 0.3058 | 3960 |
| 2 chrA2.67715G | A | 0.3735 | 4008 |
| 2 chrA2.67750A | C | 0.2767 | 3994 |
| 2 chrA2.67776A | G | 0.2941 | 3944 |
| 2 chrA2.67857G | A | 0.2249 | 3970 |
| 2 chrA2.67894G | A | 0.03969 | 4006 |
| 2 chrA2.67933A | G | 0.05819 | 4004 |
| 2 chrA2.68022A | G | 0.06522 | 4002 |
| 2 chrUn.22123G | A | 0.2772 | 4000 |
| 2 chrA2.68050A | G | 0.1218 | 3998 |
| 2 chrA2.68083G | A | 0.08154 | 3986 |
| 2 chrA2.68112A | G | 0.02436 | 3982 |
| 2 chrA2.68164G | A | 0.02096 | 3960 |
| 2 chrA2.68239C | A | 0.02647 | 4004 |
| 2 chrA2.68294G | A | 0.4503 | 4008 |
| 2 chrA2.68339G | A | 0.4717 | 3994 |

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| 2 chrA2.684039G | A | 0.177 | 4000 |
| 2 chrA2.684513A | G | 0.2328 | 3994 |
| 2 chrA2.684627 | 0 G | 0 | 4008 |
| 2 chrA2.684901A | G | 0.4479 | 4008 |
| 2 chrA2.685244G | A | 0.49 | 4006 |
| 2 chrA2.685490A | G | 0.4118 | 4002 |
| 2 chrA2.685938G | A | 0.4921 | 3654 |
| 2 chrA2.686409A | G | 0.3823 | 4002 |
| 2 chrA2.686916G | A | 0.3292 | 3998 |
| 2 chrA2.687221A | G | 0.2475 | 3992 |
| 2 chrA2.687785G | A | 0.4199 | 3984 |
| 2 chrA2.688136A | G | 0.1723 | 4004 |
| 2 chrA2.688608A | G | 0.3757 | 4008 |
| 2 chrA2.689328A | G | 0.1266 | 4006 |
| 2 chrA2.689839G | A | 0.05875 | 4000 |
| 2 chrA2.690404C | A | 0.3723 | 3954 |
| 2 chrA2.691163G | A | 0.1242 | 4000 |
| 2 chrA2.691433A | G | 0.0542 | 4004 |
| 2 chrA2.692009A | G | 0.08187 | 3994 |
| 2 chrA2.692534A | C | 0.04021 | 4004 |
| 2 chrA2.693022G | A | 0.1843 | 3944 |
| 2 chrA2.693417A | G | 0.08504 | 3998 |
| 2 chrA2.693814G | A | 0.2496 | 3998 |
| 2 chrA2.694283G | A | 0.3232 | 3998 |
| 2 chrA2.694728G | A | 0.3237 | 3982 |
| 2 chrA2.695151A | G | 0.2832 | 4008 |
| 2 chrA2.695414A | C | 0.08886 | 3860 |
| 2 chrA2.695952A | G | 0.1621 | 3980 |
| 2 chrA2.696283G | A | 0.1117 | 4002 |
| 2 chrA2.696747G | A | 0.03279 | 3904 |
| 2 chrA2.697063G | A | 0.4479 | 3994 |
| 2 chrA2.697481G | A | 0.1205 | 3950 |
| 2 chrA2.698138G | A | 0.2768 | 3988 |
| 2 chrA2.698583A | G | 0.3997 | 3970 |
| 2 chrA2.699238A | G | 0.2554 | 4006 |
| 2 chrA2.699845A | G | 0.1331 | 3968 |
| 2 chrA2.700294G | A | 0.4744 | 3986 |
| 2 chrA2.700554G | A | 0.06316 | 3990 |
| 2 chrA2.701006A | G | 0.4921 | 3694 |
| 2 chrA2.701900A | C | 0.2925 | 3802 |
| 2 chrA2.707497G | A | 0.3107 | 3998 |

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| 2 chrA2.707808A | G | 0.2232 | 3996 |
| 2 chrA2.709024A | G | 0.3794 | 3962 |
| 2 chrA2.709909A | G | 0.05764 | 3990 |
| 2 chrA2.710469A | G | 0.2228 | 4000 |
| 2 chrA2.711088G | A | 0.2421 | 4006 |
| 2 chrA2.711519A | G | 0.2055 | 4000 |
| 2 chrA2.711774A | G | 0.01521 | 4010 |
| 2 chrA2.712189A | G | 0.4043 | 4002 |
| 2 chrA2.712567A | G | 0.2393 | 3908 |
| 2 chrA2.713164A | G | 0.1313 | 4006 |
| 2 chrA2.713317 | 0 C | 0 | 4008 |
| 2 chrA2.713797A | G | 0.2396 | 4006 |
| 2 chrA2.714606G | A | 0.4387 | 3850 |
| 2 chrA2.715036A | G | 0.2556 | 4006 |
| 2 chrA2.715339A | G | 0.1851 | 3970 |
| 2 chrA2.715584G | A | 0.2052 | 3996 |
| 2 chrUn.197119G | A | 0.1293 | 4006 |
| 2 chrA2.716217A | G | 0.3968 | 3994 |
| 2 chrA2.716889A | G | 0.2092 | 4006 |
| 2 chrA2.717238A | G | 0.2141 | 4008 |
| 2 chrA2.717697A | G | 0.3064 | 3998 |
| 2 chrA2.718058A | G | 0.1047 | 3790 |
| 2 chrA2.718356A | G | 0.3158 | 4002 |
| 2 chrA2.718731G | A | 0.4696 | 3852 |
| 2 chrA2.719192G | A | 0.3924 | 4004 |
| 2 chrA2.719504A | G | 0.07456 | 3876 |
| 2 chrA2.720096G | A | 0.451 | 4000 |
| 2 chrA2.720578A | G | 0.1275 | 3992 |
| 2 chrA2.721239A | G | 0.1845 | 3968 |
| 2 chrA2.721797A | G | 0.2612 | 3966 |
| 2 chrA2.721972A | C | 0.4724 | 3990 |
| 2 chrA2.722077G | A | 0.2398 | 4004 |
| 2 chrA2.722339G | A | 0.2314 | 4002 |
| 2 chrA2.722746G | A | 0.02 | 4000 |
| 2 chrA2.722809C | A | 0.204 | 3990 |
| 2 chrA2.723126G | A | 0.4835 | 3992 |
| 2 chrA2.723589C | A | 0.2485 | 3984 |
| 2 chrA2.723971A | G | 0.2273 | 3990 |
| 2 chrA2.724512A | G | 0.135 | 4008 |
| 2 chrA2.724856G | A | 0.2642 | 3982 |
| 2 chrA2.725959A | G | 0.06487 | 4008 |

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| 2 chrA2.726450A | G | 0.2885 | 4000 |
| 2 chrA2.727071A | G | 0.1657 | 3988 |
| 2 chrA2.727731A | G | 0.1142 | 3994 |
| 2 chrA2.728261G | A | 0.4165 | 4000 |
| 2 chrA2.728701A | G | 0.099 | 3990 |
| 2 chrA2.728889A | G | 0.001498 | 4006 |
| 2 chrA2.729109A | G | 0.2484 | 3994 |
| 2 chrA2.729568A | G | 0.003992 | 4008 |
| 2 chrA2.729849C | A | 0.0494 | 4008 |
| 2 chrA2.730458C | A | 0.2644 | 4002 |
| 2 chrA2.730726A | G | 0.06262 | 4008 |
| 2 chrA2.731237G | A | 0.04029 | 3996 |
| 2 chrA2.732521A | G | 0.4301 | 3992 |
| 2 chrA2.733139G | A | 0.42 | 3998 |
| 2 chrA2.733889A | G | 0.1468 | 4006 |
| 2 chrA2.734151A | G | 0.006513 | 3992 |
| 2 chrA2.734502 | 0 G | 0 | 3994 |
| 2 chrA2.734540A | G | 0.0991 | 3996 |
| 2 chrA2.735064G | A | 0.399 | 3990 |
| 2 chrA2.735581A | G | 0.422 | 3972 |
| 2 chrA2.736036A | G | 0.0389 | 4010 |
| 2 chrA2.736354G | A | 0.436 | 4000 |
| 2 chrA2.736608G | A | 0.3911 | 4004 |
| 2 chrA2.736949G | A | 0.3594 | 3996 |
| 2 chrA2.738049A | G | 0.2972 | 3994 |
| 2 chrA2.738297A | G | 0.2888 | 3982 |
| 2 chrA2.738610A | G | 0.01852 | 3996 |
| 2 chrA2.738971A | G | 0.2598 | 3988 |
| 2 chrA2.739899G | A | 0.06019 | 4004 |
| 2 chrA2.740308A | G | 0.3242 | 3998 |
| 2 chrA2.740826G | A | 0.08541 | 4004 |
| 2 chrA2.741190C | A | 0.04496 | 4004 |
| 2 chrA2.741517A | G | 0.2732 | 3994 |
| 2 chrA2.741779A | G | 0.458 | 4000 |
| 2 chrA2.742469A | G | 0.2675 | 3992 |
| 2 chrA2.742716A | G | 0.03498 | 4002 |
| 2 chrA2.743250G | A | 0.4889 | 3972 |
| 2 chrA2.743501A | G | 0.03817 | 4008 |
| 2 chrA2.743949A | C | 0.4568 | 4002 |
| 2 chrA2.744426A | C | 0.2015 | 3970 |
| 2 chrA2.744768G | A | 0.1379 | 4002 |

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| 2 chrA2.745469A | G | 0.3419 | 3984 |
| 2 chrA2.745804G | A | 0.4061 | 3994 |
| 2 chrA2.746257A | C | 0.4021 | 4004 |
| 2 chrA2.746589G | A | 0.1983 | 3984 |
| 2 chrA2.747111 | 0 G | 0 | 3988 |
| 2 chrA2.748121A | G | 0.3811 | 3800 |
| 2 chrUn20.1144 | 0 C | 0 | 4008 |
| 2 chrA2.749929A | G | 0.06316 | 4006 |
| 2 chrD3.658814 | 0 C | 0 | 3960 |
| 2 chrD3.664241A | G | 0.4214 | 3980 |
| 2 chrD3.664509G | A | 0.007239 | 4006 |
| 2 chrD3.665617G | A | 0.1341 | 4004 |
| 2 chrD3.666490A | G | 0.4247 | 3970 |
| 2 chrD3.667049A | G | 0.1221 | 3980 |
| 2 chrD3.668909G | A | 0.3125 | 3990 |
| 2 chrUn16.2184A | G | 0.4044 | 3984 |
| 2 chrUn16.2050A | G | 0.4144 | 3994 |
| 2 chrUn16.1850A | G | 0.2395 | 3992 |
| 2 chrUn16.1814A | G | 0.1941 | 4008 |
| 2 chrUn16.1770A | G | 0.2548 | 3980 |
| 2 chrUn16.1729G | A | 0.04221 | 4004 |
| 2 chrUn16.1679A | G | 0.2497 | 3996 |
| 2 chrUn16.1629A | C | 0.2736 | 3998 |
| 2 chrUn16.1580G | A | 0.04319 | 4006 |
| 2 chrUn16.1559G | A | 0.46 | 3996 |
| 2 chrUn16.1529G | A | 0.4679 | 3962 |
| 2 chrUn16.1250A | G | 0.03618 | 4008 |
| 2 chrUn16.1059A | G | 0.1331 | 4006 |
| 2 chrUn16.1009A | G | 0.1131 | 4006 |
| 2 chrUn16.9499G | A | 0.459 | 3978 |
| 2 chrUn.733369G | A | 0.1227 | 3986 |
| 2 chrUn16.8999A | G | 0.06088 | 4008 |
| 2 chrUn16.8759G | A | 0.2568 | 4000 |
| 2 chrUn16.8389A | G | 0.3272 | 3982 |
| 2 chrUn16.7659G | A | 0.2743 | 3978 |
| 2 chrA2.209339A | C | 0.06575 | 4000 |
| 2 chrUn16.7139G | A | 0.1252 | 4002 |
| 2 chrUn16.6739G | A | 0.3997 | 3998 |
| 2 chrUn16.5540G | A | 0.207 | 4000 |
| 2 chrUn16.5129G | A | 0.0509 | 3988 |
| 2 chrUn16.4249A | C | 0.008987 | 4006 |

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| 2 chrUn16.3747A | G | 0.3234 | 3976 |
| 2 chrUn16.3347G | A | 0.1215 | 3982 |
| 2 chrUn16.2856A | G | 0.07429 | 3998 |
| 2 chrUn16.2497A | G | 0.1215 | 3992 |
| 2 chrUn16.1857A | G | 0.2234 | 3998 |
| 2 chrUn16.1486A | G | 0.4758 | 4008 |
| 2 chrUn16.1248G | A | 0.2603 | 3930 |
| 2 chrUn16.9707G | A | 0.08922 | 3934 |
| 2 chrUn16.6778A | G | 0.3874 | 3988 |
| 2 chrUn16.3797G | A | 0.2209 | 4002 |
| 2 chrUn16.2827A | G | 0.198 | 3970 |
| 2 chrUn18.1407A | G | 0.2014 | 4002 |
| 2 chrUn18.4659G | A | 0.4466 | 3988 |
| 2 chrUn18.9669A | G | 0.1048 | 3854 |
| 2 chrUn18.1207A | G | 0.3189 | 3932 |
| 2 chrUn.878029A | G | 0.1204 | 3954 |
| 2 chrUn18.1497A | G | 0.1677 | 4000 |
| 2 chrUn18.1737A | G | 0.3835 | 4010 |
| 2 chrUn18.2218A | G | 0.1115 | 3992 |
| 2 chrUn18.2577A | G | 0.2342 | 3988 |
| 2 chrUn18.2837A | G | 0.2071 | 4002 |
| 2 chrUn18.3319A | G | 0.3741 | 4002 |
| 2 chrUn18.3687A | C | 0.4102 | 3996 |
| 2 chrUn18.3929A | G | 0.33 | 4000 |
| 2 chrB3.376568G | A | 0.4102 | 3996 |
| 2 chrB3.357288G | A | 0.2378 | 3986 |
| 2 chrB3.316291A | G | 0.02821 | 3970 |
| 2 chrB3.311591C | A | 0.2731 | 3998 |
| 2 chrB3.304495G | A | 0.3229 | 3998 |
| 2 chrB3.242807A | G | 0.2334 | 3968 |
| 2 chrA2.113467A | C | 0.03798 | 4002 |
| 2 chrB3.210066G | A | 0.3935 | 3972 |
| 2 chrA2.113527G | A | 0.1037 | 4000 |
| 2 chrUn.537046A | C | 0.1776 | 3992 |
| 2 chrA2.113659C | A | 0.3066 | 3976 |
| 2 chrB3.168196A | G | 0.08192 | 4004 |
| 2 chrB3.160515G | A | 0.05353 | 3998 |
| 2 chrA2.113919A | C | 0.3196 | 3914 |
| 2 chrA2.114006C | A | 0.3487 | 3998 |
| 2 chrA2.114037A | G | 0.4566 | 3966 |
| 2 chrA2.114088G | A | 0.07664 | 4006 |

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| 2 chrA2.114176A | G | 0.1692 | 4006 |
| 2 chrA2.114207A | G | 0.2338 | 3978 |
| 2 chrA2.114236G | A | 0.3697 | 3992 |
| 2 chrA2.114303A | G | 0.0957 | 4002 |
| 2 chrA2.114333G | A | 0.4882 | 3998 |
| 2 chrA2.114434A | G | 0.3817 | 3982 |
| 2 chrA2.114467A | G | 0.2799 | 3984 |
| 2 chrA2.114508G | A | 0.1711 | 4004 |
| 2 chrA2.114574C | A | 0.2766 | 3962 |
| 2 chrA2.114695G | A | 0.4516 | 3984 |
| 2 chrA2.114726G | A | 0.1637 | 4000 |
| 2 chrB4.447963G | A | 0.1158 | 4008 |
| 2 chrA2.114777A | G | 0.3982 | 3950 |
| 2 chrA2.114786A | G | 0.05669 | 4004 |
| 2 chrA2.114821G | A | 0.4629 | 3994 |
| 2 chrA2.114929A | G | 0.4084 | 4008 |
| 2 chrA2.115032G | A | 0.08342 | 4004 |
| 2 chrA2.115086A | G | 0.1651 | 4004 |
| 2 chrA2.115138A | G | 0.05495 | 4004 |
| 2 chrA2.115162G | A | 0.2973 | 3976 |
| 2 chrA2.115195A | G | 0.103 | 4010 |
| 2 chrA2.115256A | G | 0.2697 | 4004 |
| 2 chrA2.115277G | A | 0.3384 | 3992 |
| 2 chrA2.115333A | G | 0.1289 | 3622 |
| 2 chrA2.115337A | G | 0.2813 | 3992 |
| 2 chrA2.115346A | G | 0.04637 | 3968 |
| 2 chrA2.115361A | G | 0.494 | 4000 |
| 2 chrA2.115414C | A | 0.06872 | 4002 |
| 2 chrA2.115446A | G | 0.01901 | 3892 |
| 2 chrA2.115526A | G | 0.2151 | 4002 |
| 2 chrA2.115609A | G | 0.2348 | 3986 |
| 2 chrA2.115656A | G | 0.4321 | 3974 |
| 2 chrA2.115699A | G | 0.483 | 4000 |
| 2 chrA2.115736G | A | 0.2375 | 3996 |
| 2 chrA2.115771A | G | 0.05631 | 3996 |
| 2 chrA2.115803A | G | 0.4639 | 3984 |
| 2 chrA2.115843C | A | 0.07567 | 4004 |
| 2 chrA2.115906G | A | 0.2644 | 3952 |
| 2 chrA2.115927A | G | 0.3553 | 3988 |
| 2 chrA2.115957A | C | 0.2614 | 4002 |
| 2 chrA2.115987A | G | 0.4898 | 4002 |

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| 2 chrA2.116063A | G | 0.4392 | 3994 |
| 2 chrA2.116092G | A | 0.01723 | 4004 |
| 2 chrA2.116094A | C | 0.444 | 3998 |
| 2 chrA2.116139A | G | 0.3115 | 3900 |
| 2 chrA2.116169G | A | 0.3095 | 3932 |
| 2 chrA2.116224A | G | 0.3712 | 3680 |
| 2 chrA2.116258G | A | 0.01074 | 4004 |
| 2 chrA2.116286A | G | 0.2093 | 4004 |
| 2 chrUn.276449G | A | 0.0957 | 4002 |
| 2 chrA2.116416A | C | 0.1329 | 3724 |
| 2 chrA2.116457A | G | 0.07132 | 3996 |
| 2 chrA2.116517G | A | 0.3984 | 4004 |
| 2 chrA2.116559A | C | 0.3343 | 4002 |
| 2 chrA2.116597G | A | 0.4747 | 3998 |
| 2 chrA2.116654A | G | 0.4186 | 4006 |
| 2 chrA2.116718A | G | 0.1709 | 4002 |
| 2 chrA2.116749G | A | 0.2151 | 3970 |
| 2 chrA2.116809G | A | 0.3169 | 3932 |
| 2 chrA2.116869C | A | 0.262 | 4000 |
| 2 chrA2.116916A | C | 0.2474 | 3900 |
| 2 chrA2.116951A | G | 0.3822 | 4006 |
| 2 chrA2.117057G | A | 0.3107 | 3972 |
| 2 chrA2.117091A | G | 0.1297 | 3754 |
| 2 chrA2.117118G | A | 0.4034 | 3974 |
| 2 chrA2.117169G | A | 0.3015 | 4000 |
| 2 chrA2.117206A | G | 0.1657 | 4000 |
| 2 chrA2.117246A | C | 0.09002 | 3988 |
| 2 chrA2.117272A | G | 0.1271 | 4004 |
| 2 chrA2.117307C | A | 0.4627 | 3998 |
| 2 chrA2.117326A | C | 0.1034 | 3938 |
| 2 chrA2.117339A | G | 0.2781 | 3952 |
| 2 chrA2.117399G | A | 0.4524 | 3994 |
| 2 chrA2.117439A | G | 0.1866 | 3992 |
| 2 chrA2.117466A | G | 0.2627 | 3990 |
| 2 chrA2.117508A | G | 0.1685 | 3918 |
| 2 chrA2.117541A | G | 0.05866 | 4006 |
| 2 chrA2.117569A | G | 0.1197 | 4002 |
| 2 chrA2.117629C | A | 0.07729 | 3804 |
| 2 chrA2.117671A | G | 0.3785 | 3992 |
| 2 chrA2.117726A | G | 0.3778 | 3970 |
| 2 chrA2.117772C | A | 0.4685 | 3998 |

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| 2 chrA2.117796G | A | 0.2972 | 3954 |
| 2 chrA2.117835G | A | 0.1339 | 3972 |
| 2 chrA2.117907A | G | 0.156 | 3962 |
| 2 chrA2.117935A | G | 0.3003 | 3816 |
| 2 chrA2.117972G | A | 0.1007 | 4002 |
| 2 chrA2.118064G | A | 0.09032 | 3986 |
| 2 chrA2.118092A | G | 0.4383 | 3924 |
| 2 chrA2.118122A | C | 0.2491 | 3974 |
| 2 chrA2.118175A | G | 0.1376 | 3924 |
| 2 chrA2.118206A | G | 0.2271 | 4002 |
| 2 chrA2.118206G | A | 0.08504 | 4010 |
| 2 chrA2.118241A | G | 0.1982 | 3986 |
| 2 chrA2.118282A | G | 0.3741 | 3868 |
| 2 chrA2.118316A | G | 0.4812 | 3998 |
| 2 chrA2.118346A | G | 0.1172 | 4000 |
| 2 chrA2.118392A | G | 0.2998 | 3996 |
| 2 chrA2.118417G | A | 0.1597 | 3958 |
| 2 chrA2.118449A | G | 0.385 | 4000 |
| 2 chrA2.118452A | G | 0.3883 | 4002 |
| 2 chrA2.118616G | A | 0.5 | 3962 |
| 2 chrA2.118648G | A | 0.2783 | 3988 |
| 2 chrA2.118677A | G | 0.0788 | 4010 |
| 2 chrA2.118719G | A | 0.4631 | 4008 |
| 2 chrA2.118778A | G | 0.03094 | 4008 |
| 2 chrA2.118826A | G | 0.3158 | 4006 |
| 2 chrA2.118856A | G | 0.3852 | 3980 |
| 2 chrA2.118912A | G | 0.2969 | 4008 |
| 2 chrA2.119069G | A | 0.02994 | 4008 |
| 2 chrA2.119096G | A | 0.4674 | 3956 |
| 2 chrA2.119186A | G | 0.3005 | 3994 |
| 2 chrA2.119242A | G | 0.2384 | 4002 |
| 2 chrA2.119274A | G | 0.2808 | 3918 |
| 2 chrA2.119306G | A | 0.02325 | 4000 |
| 2 chrA2.119376A | C | 0.399 | 3992 |
| 2 chrA2.119398A | G | 0.1212 | 3994 |
| 2 chrA2.119462A | G | 0.1042 | 3962 |
| 2 chrB3.130105G | A | 0.1755 | 4006 |
| 2 chrA2.119552A | G | 0.3222 | 4004 |
| 2 chrA2.119577G | A | 0.06322 | 4002 |
| 2 chrA2.119615A | G | 0.05891 | 4006 |
| 2 chrA2.119655A | G | 0.4833 | 4002 |

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| 2 chrA2.119679A | G | 0.02146 | 4008 |
| 2 chrA2.119681G | A | 0.4205 | 4002 |
| 2 chrA2.119753G | A | 0.3207 | 3938 |
| 2 chrA2.119778A | C | 0.2868 | 3986 |
| 2 chrUn.449201A | C | 0.2142 | 3996 |
| 2 chrA2.119883A | G | 0.231 | 3992 |
| 2 chrA2.119916G | A | 0.05917 | 3752 |
| 2 chrA2.119940G | A | 0.1056 | 3988 |
| 2 chrA2.120089A | G | 0.07589 | 4006 |
| 2 chrA2.120149A | G | 0.0655 | 4000 |
| 2 chrA2.120320A | G | 0.2008 | 4004 |
| 2 chrA2.120379A | G | 0.03728 | 3890 |
| 2 chrA2.120418A | G | 0.3336 | 3984 |
| 2 chrA2.120449C | A | 0.2496 | 3970 |
| 2 chrA2.120477G | A | 0.05788 | 4008 |
| 2 chrA2.120538C | A | 0.0491 | 3992 |
| 2 chrA2.120574G | A | 0.1945 | 3646 |
| 2 chrA2.120598A | G | 0.1622 | 3982 |
| 2 chrA2.120643A | G | 0.3799 | 3998 |
| 2 chrA2.120674A | G | 0.04295 | 3842 |
| 2 chrA2.120687G | A | 0.2066 | 3994 |
| 2 chrA2.120709 | 0 A | 0 | 4004 |
| 2 chrA2.120749A | G | 0.1534 | 3996 |
| 2 chrA2.120833A | G | 0.1592 | 4002 |
| 2 chrA2.120929G | A | 0.1574 | 3990 |
| 2 chrA2.120934A | G | 0.3014 | 3992 |
| 2 chrA2.120961A | G | 0.07086 | 4008 |
| 2 chrA2.121061C | A | 0.09024 | 3812 |
| 2 chrA2.121102A | G | 0.06481 | 3996 |
| 2 chrA2.121156A | G | 0.138 | 4006 |
| 2 chrA2.121182A | G | 0.2362 | 3726 |
| 2 chrA2.121208G | A | 0.3912 | 3998 |
| 2 chrA2.121244A | G | 0.1098 | 3916 |
| 2 chrA2.121269A | G | 0.1249 | 3924 |
| 2 chrA2.121342A | G | 0.1406 | 4010 |
| 2 chrA2.121428A | G | 0.2826 | 4002 |
| 2 chrA2.121456A | G | 0.1558 | 3974 |
| 2 chrA2.121503G | A | 0.4744 | 3982 |
| 2 chrA2.121543A | G | 0.05553 | 3998 |
| 2 chrA2.121569A | G | 0.3389 | 3998 |
| 2 chrA2.121599A | G | 0.1469 | 3990 |

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| 2 chrA2.121675C | A | 0.1934 | 3996 |
| 2 chrA2.121753G | A | 0.35 | 4000 |
| 2 chrA2.121781G | A | 0.1787 | 4006 |
| 2 chrA2.121837A | G | 0.2885 | 3976 |
| 2 chrA2.121864G | A | 0.2741 | 3984 |
| 2 chrA2.121889G | A | 0.1539 | 4002 |
| 2 chrA2.121935A | G | 0.1659 | 3960 |
| 2 chrA2.121995A | G | 0.0497 | 4004 |
| 2 chrA2.122021G | A | 0.1229 | 4002 |
| 2 chrA2.122072A | G | 0.0325 | 4000 |
| 2 chrA2.122135A | G | 0.1579 | 3996 |
| 2 chrA2.122165A | G | 0.2055 | 4000 |
| 2 chrA2.122228A | G | 0.05242 | 4006 |
| 2 chrA2.122289A | G | 0.09221 | 3980 |
| 2 chrA2.122412G | A | 0.1076 | 3940 |
| 2 chrA2.122462A | G | 0.02852 | 3962 |
| 2 chrA2.122543A | G | 0.2026 | 4002 |
| 2 chrA2.122568G | A | 0.2051 | 4002 |
| 2 chrA2.122607A | G | 0.4877 | 3994 |
| 2 chrA2.122648A | G | 0.296 | 4000 |
| 2 chrA2.122720G | A | 0.314 | 3990 |
| 2 chrA2.122767G | A | 0.0404 | 4010 |
| 2 chrA2.122826A | G | 0.3959 | 4006 |
| 2 chrA2.122872A | G | 0.1136 | 4004 |
| 2 chrA2.122906G | A | 0.3617 | 3992 |
| 2 chrA2.122937G | A | 0.1822 | 4006 |
| 2 chrA2.122968G | A | 0.4033 | 3990 |
| 2 chrA2.123015A | C | 0.1777 | 3996 |
| 2 chrA2.123045A | G | 0.06013 | 4008 |
| 2 chrA2.123097A | G | 0.3455 | 3988 |
| 2 chrA2.123175A | G | 0.3838 | 4002 |
| 2 chrA2.123232A | G | 0.06614 | 3946 |
| 2 chrA2.123290A | G | 0.008547 | 3978 |
| 2 chrA2.123325A | G | 0.2201 | 3930 |
| 2 chrA2.123369C | A | 0.129 | 4008 |
| 2 chrA2.123396A | C | 0.005497 | 4002 |
| 2 chrA2.123426G | A | 0.4446 | 4006 |
| 2 chrA2.123451G | A | 0.3631 | 3718 |
| 2 chrA2.123517A | G | 0.2137 | 4006 |
| 2 chrA2.123567A | G | 0.3004 | 4008 |
| 2 chrA2.123629A | G | 0.02574 | 4002 |

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| 2 chrA2.123665G | A | 0.01583 | 3916 |
| 2 chrA2.123761A | C | 0.04755 | 3912 |
| 2 chrA2.123785G | A | 0.2669 | 3994 |
| 2 chrA2.123814A | G | 0.006238 | 4008 |
| 2 chrA2.123878A | G | 0.3029 | 3978 |
| 2 chrA2.123931A | G | 0.2505 | 3996 |
| 2 chrA2.123962A | G | 0.3542 | 3902 |
| 2 chrA2.123996A | G | 0.03195 | 4006 |
| 2 chrA2.124026A | G | 0.02504 | 3914 |
| 2 chrA2.124052A | G | 0.3354 | 3980 |
| 2 chrA2.124144A | G | 0.4098 | 4004 |
| 2 chrA2.124176G | A | 0.4943 | 4002 |
| 2 chrA2.124232G | A | 0.1579 | 4008 |
| 2 chrA2.124297A | G | 0.4738 | 3924 |
| 2 chrA2.124331A | C | 0.03056 | 3992 |
| 2 chrA2.124385 | 0 G | 0 | 4008 |
| 2 chrA2.124419A | G | 0.019 | 4000 |
| 2 chrUn.434886A | C | 0.1848 | 3998 |
| 2 chrA2.124425A | G | 0.02045 | 4010 |
| 2 chrA2.124449A | G | 0.1098 | 4008 |
| 2 chrA2.124495C | A | 0.3262 | 3998 |
| 2 chrA2.124556A | G | 0.1111 | 3996 |
| 2 chrA2.124578A | G | 0.1686 | 3968 |
| 2 chrA2.124639G | A | 0.04142 | 4008 |
| 2 chrA2.124719G | A | 0.1187 | 3994 |
| 2 chrA2.124739G | A | 0.01412 | 3754 |
| 2 chrA2.124821A | G | 0.2268 | 4004 |
| 2 chrA2.124856A | G | 0.2429 | 3990 |
| 2 chrA2.124878A | G | 0.2629 | 4006 |
| 2 chrA2.124952A | G | 0.3427 | 3998 |
| 2 chrA2.125006A | C | 0.1606 | 4004 |
| 2 chrA2.125036A | G | 0.09124 | 3902 |
| 2 chrA2.125056C | A | 0.1723 | 3976 |
| 2 chrA2.125092G | A | 0.4823 | 4004 |
| 2 chrA2.125132G | A | 0.2074 | 3982 |
| 2 chrA2.125165G | A | 0.2796 | 4006 |
| 2 chrA2.125226A | G | 0.008956 | 3908 |
| 2 chrA2.125252A | C | 0.207 | 3898 |
| 2 chrA2.125304G | A | 0.2355 | 4000 |
| 2 chrA2.125357G | A | 0.006743 | 4004 |
| 2 chrA2.125385C | A | 0.4581 | 4006 |

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| 2 chrA2.125417A | G | 0.1867 | 3980 |
| 2 chrB4.151869A | G | 0.05178 | 3998 |
| 2 chrB4.151800G | A | 0.1414 | 4004 |
| 2 chrB4.151777A | G | 0.2421 | 3998 |
| 2 chrB4.151673A | G | 0.1993 | 3958 |
| 2 chrA2.125598A | G | 0.3797 | 3974 |
| 2 chrB4.151635G | A | 0.1146 | 4004 |
| 2 chrA2.125685G | A | 0.3703 | 3848 |
| 2 chrB4.151481A | C | 0.2424 | 4006 |
| 2 chrB4.151440C | A | 0.3721 | 3988 |
| 2 chrB4.151409G | A | 0.3274 | 3992 |
| 2 chrB4.151225A | G | 0.485 | 4002 |
| 2 chrB4.151176G | A | 0.4236 | 3966 |
| 2 chrB4.151146G | A | 0.2555 | 3984 |
| 2 chrB4.151104C | A | 0.2028 | 4008 |
| 2 chrB4.151063G | A | 0.2352 | 3996 |
| 2 chrB4.150932A | C | 0.4775 | 3956 |
| 2 chrB4.150894G | A | 0.2991 | 4002 |
| 2 chrB4.150893A | C | 0.4755 | 3992 |
| 2 chrB4.150858A | G | 0.2126 | 3980 |
| 2 chrA2.126004G | A | 0.2394 | 3976 |
| 2 chrB4.150622G | A | 0.1712 | 4008 |
| 2 chrB4.150582G | A | 0.2358 | 3986 |
| 2 chrB4.150507A | G | 0.2024 | 4006 |
| 2 chrB4.150468A | G | 0.2646 | 4002 |
| 2 chrB4.150438A | G | 0.1569 | 3710 |
| 2 chrA2.126183A | G | 0.2608 | 4000 |
| 2 chrB4.150317C | A | 0.09041 | 4004 |
| 2 chrB4.150291A | G | 0.01652 | 3996 |
| 2 chrB4.150250A | G | 0.2354 | 4006 |
| 2 chrA2.126245A | G | 0.08651 | 3988 |
| 2 chrB4.150181A | G | 0.03869 | 4006 |
| 2 chrB4.150155G | A | 0.32 | 3994 |
| 2 chrB4.150071A | G | 0.2168 | 3976 |
| 2 chrB4.149820C | A | 0.0126 | 3968 |
| 2 chrB4.149819A | G | 0.001995 | 4010 |
| 2 chrA2.126606G | A | 0.04798 | 4002 |
| 2 chrA2.126663A | C | 0.308 | 4000 |
| 2 chrA2.126632A | G | 0.1602 | 3988 |
| 2 chrA2.126694A | G | 0.05963 | 3958 |
| 2 chrA2.126726A | C | 0.035 | 4000 |

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|-----------------|---|---------|------|
| 2 chrA2.126718A | C | 0.418 | 4000 |
| 2 chrA2.126539A | G | 0.3078 | 3928 |
| 2 chrA2.126791A | G | 0.03477 | 3998 |
| 2 chrA2.126829A | G | 0.03842 | 3878 |
| 2 chrA2.126869G | A | 0.358 | 3994 |
| 2 chrA2.126919A | G | 0.02518 | 3972 |
| 2 chrA2.126947A | G | 0.01098 | 4008 |
| 2 chrA2.126987C | A | 0.3921 | 3928 |
| 2 chrA2.127049C | A | 0.03051 | 3900 |
| 2 chrA2.127091A | G | 0.2609 | 4002 |
| 2 chrA2.127144A | G | 0.1827 | 3920 |
| 2 chrA2.127217A | G | 0.356 | 3994 |
| 2 chrA2.127247G | A | 0.19 | 3984 |
| 2 chrA2.127289A | G | 0.2724 | 3990 |
| 2 chrA2.127310A | G | 0.03425 | 3912 |
| 2 chrA2.127359A | G | 0.275 | 4004 |
| 2 chrA2.127397A | G | 0.2058 | 4004 |
| 2 chrA2.127426A | G | 0.126 | 4008 |
| 2 chrA2.127461A | G | 0.2194 | 3988 |
| 2 chrA2.127499A | G | 0.1786 | 3964 |
| 2 chrA2.127607G | A | 0.2593 | 3922 |
| 2 chrA2.127639C | A | 0.3641 | 3982 |
| 2 chrA2.127667A | G | 0.1508 | 4006 |
| 2 chrA1.281969A | G | 0.02476 | 3998 |
| 2 chrA2.127728A | G | 0.1166 | 3998 |
| 2 chrA2.127764G | A | 0.1651 | 3986 |
| 2 chrA2.127837A | G | 0.4708 | 3908 |
| 2 chrA2.127868A | G | 0.1607 | 4008 |
| 2 chrA2.127910A | G | 0.1677 | 4008 |
| 2 chrA2.127940A | G | 0.3944 | 3996 |
| 2 chrA2.127987A | G | 0.157 | 4000 |
| 2 chrA2.128028A | C | 0.188 | 3866 |
| 2 chrX.5391239A | G | 0.0195 | 4000 |
| 2 chrA2.128130A | G | 0.2396 | 3994 |
| 2 chrA2.128237A | G | 0.05794 | 4004 |
| 2 chrA2.128268A | G | 0.1665 | 3988 |
| 2 chrA2.128311G | A | 0.4327 | 3998 |
| 2 chrA2.128391G | A | 0.1205 | 3876 |
| 2 chrA2.128439A | C | 0.3626 | 3908 |
| 2 chrA2.128439C | A | 0.442 | 3964 |
| 2 chrA2.128468A | G | 0.0995 | 4010 |

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|-----------------|-----|----------|------|
| 2 chrA2.128514G | A | 0.01501 | 3864 |
| 2 chrA2.128547A | G | 0.3899 | 3980 |
| 2 chrA2.128587G | A | 0.3077 | 4004 |
| 2 chrA2.128611G | A | 0.418 | 4000 |
| 2 chrA2.128728G | A | 0.3974 | 4004 |
| 2 chrA2.128764A | G | 0.007606 | 3944 |
| 2 chrA2.128790A | G | 0.4745 | 3996 |
| 2 chrA2.128805A | C | 0.1932 | 4002 |
| 2 chrA2.128867C | A | 0.03498 | 4002 |
| 2 chrA2.128901C | A | 0.434 | 3970 |
| 2 chrA2.128995A | G | 0.4192 | 3998 |
| 2 chrA2.129088G | A | 0.3088 | 4002 |
| 2 chrA2.129158A | G | 0.06959 | 3722 |
| 2 chrA2.129242G | A | 0.3295 | 3994 |
| 2 chrA2.129302G | A | 0.2281 | 3976 |
| 2 chrA2.129354G | A | 0.4591 | 3986 |
| 2 chrA2.129380A | G | 0.003291 | 3950 |
| 2 chrA2.129461A | G | 0.1289 | 3988 |
| 2 chrA2.129498A | G | 0.07556 | 4010 |
| 2 chrA2.129545G | A | 0.4833 | 3952 |
| 2 chrA2.129590A | G | 0.158 | 4006 |
| 2 chrA2.129637G | A | 0.1837 | 4000 |
| 2 chrA2.129672A | G | 0.09624 | 3990 |
| 2 chrA2.129706C | A | 0.2876 | 3998 |
| 2 chrA2.129755A | G | 0.1466 | 3772 |
| 2 chrA2.129784G | A | 0.1617 | 4008 |
| 2 chrA2.129852A | G | 0.3322 | 3982 |
| 2 chrUn.467750G | A | 0.4311 | 4006 |
| 2 chrUn.215730G | 0 G | 0 | 4010 |
| 2 chrA2.129878A | G | 0.1405 | 4006 |
| 2 chrA2.129960A | G | 0.4816 | 3796 |
| 2 chrA2.130028A | C | 0.4357 | 3998 |
| 2 chrA2.130059A | G | 0.001996 | 4008 |
| 2 chrA2.130091G | A | 0.1221 | 4004 |
| 2 chrA2.130115G | A | 0.1178 | 3878 |
| 2 chrA2.130138G | A | 0.1204 | 4004 |
| 2 chrA2.130188A | G | 0.4163 | 4004 |
| 2 chrA2.130245A | G | 0.06518 | 4004 |
| 2 chrA2.130310A | G | 0.3071 | 3996 |
| 2 chrA2.130356A | C | 0.07057 | 3996 |
| 2 chrA2.130419G | A | 0.3643 | 3920 |

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| 2 chrA2.130465G | A | 0.4072 | 3996 |
| 2 chrA2.130510G | A | 0.4122 | 3996 |
| 2 chrA2.130538A | G | 0.2193 | 4004 |
| 2 chrA2.130569G | A | 0.2086 | 3978 |
| 2 chrA2.130607A | G | 0.1962 | 3996 |
| 2 chrA2.130642A | G | 0.2982 | 3974 |
| 2 chrA2.130690G | A | 0.3115 | 4006 |
| 2 chrA2.130754A | G | 0.3766 | 3996 |
| 2 chrA2.130786G | A | 0.4878 | 4000 |
| 2 chrA2.130847G | A | 0.2043 | 3980 |
| 2 chrA2.130882A | G | 0.1877 | 3670 |
| 2 chrA2.130942C | A | 0.2118 | 3980 |
| 2 chrA2.130969A | C | 0.2672 | 3686 |
| 2 chrA2.131030A | G | 0.3322 | 3982 |
| 2 chrA2.131065G | A | 0.4089 | 3996 |
| 2 chrA2.131087A | G | 0.4907 | 3998 |
| 2 chrA2.131144G | A | 0.04652 | 3998 |
| 2 chrA2.131178G | A | 0.2875 | 3958 |
| 2 chrA2.131209G | A | 0.03721 | 3870 |
| 2 chrA2.131252A | G | 0.09794 | 3982 |
| 2 chrA2.131281A | G | 0.07305 | 3956 |
| 2 chrA2.131307G | A | 0.3469 | 3992 |
| 2 chrA2.131352G | A | 0.1736 | 3992 |
| 2 chrA2.131389G | A | 0.3777 | 3998 |
| 2 chrA2.131415A | G | 0.1541 | 3738 |
| 2 chrA2.131442G | A | 0.3423 | 3988 |
| 2 chrA2.131470A | G | 0.4353 | 3970 |
| 2 chrA2.131519G | A | 0.4755 | 3992 |
| 2 chrA2.131562G | A | 0.4908 | 4002 |
| 2 chrA2.131575A | C | 0.195 | 3748 |
| 2 chrA2.131670C | A | 0.06374 | 3844 |
| 2 chrA2.131712A | G | 0.3658 | 3988 |
| 2 chrA2.131766A | G | 0.3643 | 3906 |
| 2 chrA2.131818A | G | 0.2531 | 4002 |
| 2 chrA2.131860C | A | 0.4452 | 3998 |
| 2 chrA2.131887A | G | 0.4323 | 4000 |
| 2 chrA2.131966C | A | 0.4402 | 3980 |
| 2 chrA2.132034A | G | 0.0737 | 3772 |
| 2 chrA2.132171A | G | 0.1946 | 4008 |
| 2 chrA2.132184A | G | 0.0002519 | 3970 |
| 2 chrA2.132211A | C | 0.1911 | 4008 |

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|-----------------|-----|----------|------|
| 2 chrD3.777166G | A | 0.1826 | 4008 |
| 2 chrA2.132265G | A | 0.2257 | 4010 |
| 2 chrA2.132335G | A | 0.2901 | 3998 |
| 2 chrA2.132374G | A | 0.0547 | 4004 |
| 2 chrA2.132405A | G | 0.05711 | 4010 |
| 2 chrA2.132450G | A | 0.3876 | 4004 |
| 2 chrA2.132515G | A | 0.1883 | 4004 |
| 2 chrA2.132546A | G | 0.135 | 3992 |
| 2 chrA2.132591G | A | 0.4098 | 4000 |
| 2 chrA2.132625A | G | 0.1304 | 3988 |
| 2 chrA2.132647A | G | 0.2042 | 4006 |
| 2 chrA2.132717G | A | 0.4351 | 3962 |
| 2 chrA2.132758A | C | 0.194 | 4006 |
| 2 chrA2.132795G | A | 0.3053 | 3980 |
| 2 chrA2.132828A | G | 0.3876 | 3934 |
| 2 chrA2.132925A | C | 0.3367 | 3998 |
| 2 chrA2.132955A | G | 0.005107 | 3916 |
| 2 chrA2.132974A | G | 0.03268 | 4008 |
| 2 chrA2.132978A | C | 0.132 | 3984 |
| 2 chrA2.133020C | A | 0.4952 | 3920 |
| 2 chrA2.133074A | G | 0.3295 | 4006 |
| 2 chrX.9560355A | C | 0.4717 | 3992 |
| 2 chrA2.133108A | G | 0.2144 | 3998 |
| 2 chrA2.133185A | G | 0.01099 | 4002 |
| 2 chrA2.133230G | 0 G | 0 | 4010 |
| 2 chrA2.133277A | G | 0.4676 | 3978 |
| 2 chrA2.133320G | A | 0.09175 | 4000 |
| 2 chrA2.133346G | A | 0.03402 | 3910 |
| 2 chrA2.133378A | G | 0.3777 | 3876 |
| 2 chrA2.133407A | G | 0.3035 | 4000 |
| 2 chrA2.133450A | G | 0.307 | 3984 |
| 2 chrA2.133452A | G | 0.1317 | 3834 |
| 2 chrA2.133484A | G | 0.229 | 4004 |
| 2 chrA2.133536A | G | 0.1864 | 3996 |
| 2 chrA2.133585A | G | 0.1792 | 3996 |
| 2 chrA2.133605G | A | 0.3643 | 3994 |
| 2 chrA2.133657A | G | 0.08838 | 3994 |
| 2 chrA2.133686C | A | 0.2136 | 3998 |
| 2 chrA2.133721A | G | 0.0353 | 3994 |
| 2 chrA2.133812A | G | 0.4566 | 3936 |
| 2 chrA2.133887A | G | 0.2987 | 4000 |

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|-----------------|-----|-----------|------|
| 2 chrA2.13390(A | G | 0.2925 | 3922 |
| 2 chrUn.18626(A | G | 0.1383 | 4006 |
| 2 chrA2.13395(A | G | 0.0487 | 4004 |
| 2 chrA2.13400(A | G | 0.4748 | 3890 |
| 2 chrA2.13405(A | A | 0.0005003 | 3998 |
| 2 chrA2.13409(A | A | 0.02107 | 3940 |
| 2 chrA2.13412(A | 0 G | 0 | 4010 |
| 2 chrA2.13414(A | A | 0.1034 | 3674 |
| 2 chrUn18.462(A | G | 0.2624 | 3994 |
| 2 chrUn18.531(A | A | 0.2406 | 3902 |
| 2 chrUn18.603(A | G | 0.1474 | 3996 |
| 2 chrUn18.664(A | A | 0.3209 | 4008 |
| 2 chrUn18.675(A | C | 0.286 | 4010 |
| 2 chrUn18.689(A | A | 0.1583 | 3998 |
| 2 chrUn18.731(A | G | 0.1534 | 4008 |
| 2 chrUn18.855(A | G | 0.1414 | 3988 |
| 2 chrUn18.916(A | A | 0.1132 | 3958 |
| 2 chrUn18.941(A | C | 0.3535 | 4000 |
| 2 chrUn18.981(A | G | 0.214 | 3976 |
| 2 chrUn18.102(A | A | 0.2409 | 3994 |
| 2 chrUn18.107(A | G | 0.2297 | 3984 |
| 2 chrUn18.113(A | G | 0.2045 | 3990 |
| 2 chrUn18.119(A | G | 0.3923 | 3666 |
| 2 chrUn18.123(A | G | 0.2142 | 3828 |
| 2 chrUn18.129(A | A | 0.2806 | 3966 |
| 2 chrUn18.139(A | A | 0.2089 | 3748 |
| 2 chrUn18.147(A | G | 0.159 | 4006 |
| 2 chrUn18.153(A | G | 0.3831 | 4002 |
| 2 chrUn9.2133(A | A | 0.2019 | 3962 |
| 2 chrUn9.2023(A | A | 0.1507 | 3994 |
| 2 chrUn9.1975(A | G | 0.3126 | 3964 |
| 2 chrUn9.1941(A | A | 0.2066 | 4002 |
| 2 chrUn9.1910(A | G | 0.2785 | 4000 |
| 2 chrUn18.156(A | C | 0.3462 | 3946 |
| 2 chrUn18.166(A | A | 0.1861 | 3928 |
| 2 chrUn.23327(A | C | 0.3966 | 3996 |
| 2 chrUn18.172(A | A | 0.3755 | 3976 |
| 2 chrUn18.178(A | G | 0.4987 | 3872 |
| 2 chrUn18.182(A | C | 0.2087 | 4000 |
| 2 chrUn18.186(A | C | 0.4745 | 3956 |
| 2 chrUn18.190(A | G | 0.241 | 4004 |

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| 2 chrUn18.192:G | A | 0.06431 | 3996 |
| 2 chrUn18.204:G | A | 0.1419 | 4004 |
| 2 chrUn18.207:A | G | 0.2561 | 3904 |
| 2 chrUn18.217:A | G | 0.165 | 3946 |
| 2 chrUn18.220:G | A | 0.04895 | 3800 |
| 2 chrUn.39745:G | A | 0.1728 | 3998 |
| 2 chrUn18.227:G | A | 0.2901 | 3992 |
| 2 chrUn18.230:G | A | 0.01719 | 3898 |
| 2 chrUn18.234:A | G | 0.277 | 3982 |
| 2 chrUn18.238:A | C | 0.4209 | 3982 |
| 2 chrUn18.243:G | A | 0.07314 | 4006 |
| 2 chrUn18.244:G | 0 A | 0 | 4010 |
| 2 chrUn18.246:A | G | 0.1835 | 3930 |
| 2 chrUn18.250:G | A | 0.3898 | 3966 |
| 2 chrUn18.252:A | G | 0.06184 | 3962 |
| 2 chrUn18.254:A | G | 0.2271 | 3994 |
| 2 chrUn18.258:G | A | 0.1834 | 3996 |
| 2 chrUn18.262:A | G | 0.001995 | 4010 |
| 2 chrUn18.266:C | A | 0.469 | 4006 |
| 2 chrUn18.269:A | G | 0.1576 | 3992 |
| 2 chrUn18.272:A | G | 0.1326 | 4004 |
| 2 chrUn18.280:C | A | 0.2761 | 4006 |
| 2 chrUn18.284:C | A | 0.07375 | 4000 |
| 2 chrUn18.288:G | A | 0.1529 | 3950 |
| 2 chrUn18.292:A | C | 0.3837 | 3990 |
| 2 chrUn18.297:G | A | 0.0967 | 4002 |
| 2 chrUn18.308:G | A | 0.001995 | 4010 |
| 2 chrUn18.311:A | G | 0.1051 | 4004 |
| 2 chrUn18.314:A | G | 0.437 | 3950 |
| 2 chrUn.38006:A | C | 0.3703 | 3972 |
| 2 chrUn18.320:G | A | 0.4116 | 3994 |
| 2 chrUn18.323:A | C | 0.07596 | 4002 |
| 2 chrUn18.327:G | A | 0.2379 | 3994 |
| 2 chrUn18.330:C | A | 0.4802 | 3948 |
| 2 chrUn18.333:G | 0 G | 0 | 4008 |
| 2 chrUn18.353:A | C | 0.09205 | 3998 |
| 2 chrUn18.370:G | A | 0.2583 | 3960 |
| 2 chrUn18.378:A | A | 0.1414 | 4004 |
| 2 chrUn18.379:A | G | 0.4191 | 3980 |
| 2 chrUn18.381:A | G | 0.06328 | 3998 |
| 2 chrUn18.384:A | G | 0.1754 | 4002 |

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| 2 chrUn18.388:G | A | 0.4263 | 3978 |
| 2 chrUn18.392:G | A | 0.3518 | 3982 |
| 2 chrUn18.395:G | A | 0.215 | 4004 |
| 2 chrUn18.398:G | A | 0.3549 | 3922 |
| 2 chrUn18.402:G | A | 0.1238 | 3958 |
| 2 chrUn18.407:G | A | 0.1849 | 3894 |
| 2 chrUn18.411:A | G | 0.001747 | 4006 |
| 2 chrA2.14206:A | G | 0.1524 | 3924 |
| 2 chrA2.14209:A | G | 0.4201 | 3966 |
| 2 chrA2.14213:G | A | 0.1635 | 3994 |
| 2 chrA2.14216:A | G | 0.4297 | 4000 |
| 2 chrA2.14221:G | A | 0.4263 | 4000 |
| 2 chrA2.14226:A | G | 0.1193 | 4008 |
| 2 chrA2.14229:C | A | 0.3373 | 3990 |
| 2 chrA2.14231:A | C | 0.1208 | 4008 |
| 2 chrA2.14241:A | G | 0.3127 | 4000 |
| 2 chrA2.14246:A | G | 0.1204 | 4004 |
| 2 chrA2.14250:G | A | 0.1764 | 3986 |
| 2 chrA2.14257:G | A | 0.4282 | 3996 |
| 2 chrA2.14261:G | A | 0.3503 | 3974 |
| 2 chrA2.14264:A | G | 0.1497 | 4002 |
| 2 chrA2.14269:G | A | 0.2616 | 4002 |
| 2 chrA2.14272:A | G | 0.3928 | 3974 |
| 2 chrA2.14277:A | G | 0.3296 | 3996 |
| 2 chrA2.14282:G | A | 0.07611 | 3994 |
| 2 chrA2.14287:A | G | 0.3056 | 3996 |
| 2 chrA2.14290:A | G | 0.4753 | 4002 |
| 2 chrA2.14296:A | G | 0.1628 | 3998 |
| 2 chrA2.14299:A | G | 0.3326 | 3984 |
| 2 chrA2.14302:G | A | 0.3981 | 3956 |
| 2 chrA2.14310:A | G | 0.1855 | 3968 |
| 2 chrA2.14314:G | A | 0.3366 | 3966 |
| 2 chrA2.14318:A | G | 0.4933 | 3860 |
| 2 chrA2.14324:C | A | 0.1781 | 3998 |
| 2 chrA2.14329:G | A | 0.406 | 3990 |
| 2 chrA2.14334:A | G | 0.1882 | 3900 |
| 2 chrA2.14341:G | A | 0.4974 | 3846 |
| 2 chrA2.14347:G | A | 0.4594 | 3992 |
| 2 chrUn.27482:A | G | 0.03765 | 3798 |
| 2 chrA2.14350:A | G | 0.01462 | 3900 |
| 2 chrA2.14354:G | A | 0.1592 | 3952 |

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| 2 chrA2.143586A | G | 0.4155 | 4000 |
| 2 chrA2.143611A | G | 0.1646 | 4004 |
| 2 chrA2.143676A | G | 0.3865 | 4008 |
| 2 chrA2.143705A | G | 0.02474 | 4002 |
| 2 chrA2.143738A | G | 0.012 | 3832 |
| 2 chrUn.290253A | G | 0.3865 | 3990 |
| 2 chrA2.143770G | A | 0.3833 | 3986 |
| 2 chrA2.143810A | G | 0.4325 | 3970 |
| 2 chrA2.143846G | A | 0.1435 | 4000 |
| 2 chrA2.143874G | A | 0.004748 | 4002 |
| 2 chrA2.143902G | A | 0.1264 | 3916 |
| 2 chrA2.143930G | A | 0.2044 | 4006 |
| 2 chrA2.143960C | A | 0.1286 | 3990 |
| 2 chrA2.143987A | G | 0.1365 | 4008 |
| 2 chrA2.144026A | C | 0.4237 | 3918 |
| 2 chrA2.144048C | A | 0.0007485 | 4008 |
| 2 chrA2.144075G | A | 0.07909 | 3932 |
| 2 chrA2.144117C | A | 0.001014 | 3946 |
| 2 chrA2.144154C | A | 0.2329 | 4006 |
| 2 chrA2.144181A | G | 0.3425 | 3968 |
| 2 chrA2.144235G | A | 0.1767 | 4002 |
| 2 chrA2.144350G | A | 0.269 | 3992 |
| 2 chrA2.144406G | A | 0.2534 | 3942 |
| 2 chrA2.144446A | G | 0.1373 | 3970 |
| 2 chrA2.144476G | A | 0.1985 | 3924 |
| 2 chrA2.144565A | G | 0.02167 | 3876 |
| 2 chrA2.144610A | G | 0.3681 | 4004 |
| 2 chrA2.144637A | G | 0.4922 | 3994 |
| 2 chrA2.144671A | G | 0.1481 | 3944 |
| 2 chrUn.462538G | A | 0.00784 | 3954 |
| 2 chrA2.144704G | A | 0.4138 | 3898 |
| 2 chrA2.144740A | G | 0.3746 | 3978 |
| 2 chrA2.144774A | G | 0.2214 | 4010 |
| 2 chrA2.144817G | A | 0.1402 | 4002 |
| 2 chrA2.144860G | A | 0.1556 | 4004 |
| 2 chrA2.144894A | G | 0.1413 | 3998 |
| 2 chrA2.144910G | A | 0.3188 | 3996 |
| 2 chrA2.144949A | G | 0.2669 | 3776 |
| 2 chrA2.144986A | G | 0.3311 | 3996 |
| 2 chrA2.145027A | C | 0.1155 | 3992 |
| 2 chrA2.145051G | A | 0.2901 | 3978 |

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|-----------------|-----|-----------|------|
| 2 chrA2.145081A | C | 0.04955 | 3814 |
| 2 chrA2.145123A | G | 0.07014 | 4006 |
| 2 chrA2.145241A | G | 0.1632 | 3984 |
| 2 chrA2.145288G | A | 0.01699 | 4002 |
| 2 chrA2.145319G | A | 0.09477 | 3978 |
| 2 chrA2.145346A | C | 0.1328 | 3976 |
| 2 chrA2.145386A | G | 0.388 | 4000 |
| 2 chrA2.145453G | A | 0.1137 | 3896 |
| 2 chrA2.145484 | 0 A | 0 | 4008 |
| 2 chrA2.145501A | C | 0.1301 | 3988 |
| 2 chrA2.145576G | A | 0.1933 | 4004 |
| 2 chrB4.137230G | A | 0.1894 | 3822 |
| 2 chrA2.145614A | G | 0.3341 | 3984 |
| 2 chrA2.145615C | A | 0.4012 | 3988 |
| 2 chrB4.137132A | G | 0.4015 | 3960 |
| 2 chrUn.665511A | G | 0.2281 | 3942 |
| 2 chrA2.145674G | A | 0.3537 | 3896 |
| 2 chrA2.145698A | G | 0.4057 | 3968 |
| 2 chrA2.145729A | C | 0.0002494 | 4010 |
| 2 chrA2.145771A | G | 0.1058 | 3970 |
| 2 chrA2.145798G | A | 0.3856 | 3994 |
| 2 chrA2.145838C | A | 0.1466 | 3996 |
| 2 chrA2.145890G | A | 0.1508 | 3998 |
| 2 chrA2.145946A | G | 0.4058 | 3980 |
| 2 chrA2.146029G | A | 0.1919 | 3992 |
| 2 chrA2.146116G | A | 0.3349 | 4004 |
| 2 chrA2.146087G | A | 0.07086 | 4008 |
| 2 chrA2.146183A | G | 0.2569 | 3912 |
| 2 chrUn.688483A | C | 0.3473 | 3830 |
| 2 chrA2.146215A | G | 0.4588 | 3930 |
| 2 chrA2.146256A | G | 0.3952 | 3998 |
| 2 chrA2.146396A | C | 0.2462 | 3960 |
| 2 chrA2.146460G | A | 0.2858 | 4006 |
| 2 chrA2.146505A | G | 0.05653 | 3998 |
| 2 chrA2.146537G | A | 0.4895 | 4006 |
| 2 chrA2.146584G | A | 0.2404 | 3922 |
| 2 chrA2.146701G | A | 0.04555 | 3710 |
| 2 chrUn18.4167G | A | 0.403 | 4002 |
| 2 chrUn.171904G | A | 0.4812 | 3982 |
| 2 chrD1.101360G | A | 0.1823 | 3966 |
| 2 chrD1.101365A | C | 0.3523 | 3994 |

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| 2 chrD1.101391A | C | 0.06174 | 3936 |
| 2 chrUn14.3811G | A | 0.3841 | 4002 |
| 2 chrA2.146726G | A | 0.4114 | 3984 |
| 2 chrA2.146776A | C | 0.3738 | 3994 |
| 2 chrA2.146806G | A | 0.1845 | 3956 |
| 2 chrA2.146877G | A | 0.2484 | 3998 |
| 2 chrA2.146969C | A | 0.1007 | 3782 |
| 2 chrA2.146998A | G | 0.1927 | 4000 |
| 2 chrA2.147027A | C | 0.3457 | 3980 |
| 2 chrA2.147058A | G | 0.1596 | 4004 |
| 2 chrA2.147138A | G | 0.09979 | 3748 |
| 2 chrA2.147170A | G | 0.1974 | 3966 |
| 2 chrA2.147201A | G | 0.1126 | 3998 |
| 2 chrA2.147218G | A | 0.2784 | 3980 |
| 2 chrUn.747341G | A | 0.2647 | 4004 |
| 2 chrA2.147257A | G | 0.06097 | 4002 |
| 2 chrA2.147287G | A | 0.39 | 3982 |
| 2 chrA2.147329A | G | 0.465 | 3996 |
| 2 chrA2.147369G | A | 0.07464 | 4006 |
| 2 chrA2.147439A | G | 0.002994 | 4008 |
| 2 chrA2.147474G | A | 0.0935 | 4000 |
| 2 chrA2.147510G | A | 0.003242 | 4010 |
| 2 chrA2.147621A | G | 0.164 | 4000 |
| 2 chrA2.147661G | A | 0.3844 | 3998 |
| 2 chrA2.147744A | C | 0.2001 | 3998 |
| 2 chrA2.147777G | A | 0.261 | 4000 |
| 2 chrA2.147808A | G | 0.3509 | 3990 |
| 2 chrA2.147839A | G | 0.2922 | 4008 |
| 2 chrA2.147867G | A | 0.4424 | 3996 |
| 2 chrA2.147921A | C | 0.1124 | 4002 |
| 2 chrA2.147959A | G | 0.1683 | 3968 |
| 2 chrA2.148010A | C | 0.3694 | 3914 |
| 2 chrA2.148054C | A | 0.3028 | 3976 |
| 2 chrA2.148081A | G | 0.002997 | 4004 |
| 2 chrA2.148107A | G | 0.2206 | 3998 |
| 2 chrA2.154029C | A | 0.2173 | 3976 |
| 2 chrA2.148159A | G | 0.0002494 | 4010 |
| 2 chrA2.148168 | 0 G | 0 | 4002 |
| 2 chrA2.148187A | C | 0.08274 | 3952 |
| 2 chrA2.148217A | G | 0.2683 | 4006 |
| 2 chrUn.647219G | A | 0.4038 | 4000 |

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| 2 chrA2.148247A | G | 0.002745 | 4008 |
| 2 chrA2.148299A | G | 0.2035 | 4004 |
| 2 chrA2.148346G | A | 0.4474 | 3932 |
| 2 chrA2.148387A | G | 0.009278 | 3988 |
| 2 chrA2.148392G | A | 0.4112 | 3974 |
| 2 chrA2.148444G | A | 0.1365 | 3978 |
| 2 chrA2.148492A | G | 0.1352 | 3956 |
| 2 chrA2.148524G | A | 0.1 | 4008 |
| 2 chrA2.148569C | A | 0.1289 | 4002 |
| 2 chrA2.148606G | A | 0.1982 | 3990 |
| 2 chrA2.148691A | G | 0.4491 | 3774 |
| 2 chrA2.148735G | A | 0.1498 | 3992 |
| 2 chrA2.148785A | G | 0.3704 | 4006 |
| 2 chrA2.148836G | A | 0.1509 | 3924 |
| 2 chrA2.148906C | A | 0.1951 | 3982 |
| 2 chrA2.148936G | A | 0.4633 | 4000 |
| 2 chrA2.148989A | G | 0.3501 | 3776 |
| 2 chrA2.149031A | G | 0.2551 | 3986 |
| 2 chrA2.149058G | A | 0.3205 | 3994 |
| 2 chrA2.149075G | A | 0.1172 | 3934 |
| 2 chrA2.149088A | G | 0.2559 | 4002 |
| 2 chrA2.149141G | A | 0.3464 | 3990 |
| 2 chrA2.149216G | A | 0.3174 | 3986 |
| 2 chrA2.149235A | G | 0.1308 | 4006 |
| 2 chrA2.149359G | A | 0.1383 | 3990 |
| 2 chrA2.149387A | G | 0.06868 | 4004 |
| 2 chrA2.149432C | A | 0.03 | 4000 |
| 2 chrA2.149496A | C | 0.453 | 3980 |
| 2 chrA2.149547A | G | 0.3141 | 3980 |
| 2 chrA2.149574G | A | 0.1891 | 4004 |
| 2 chrA2.149598C | A | 0.1952 | 3940 |
| 2 chrA2.149661A | G | 0.2921 | 4006 |
| 2 chrA2.149702G | A | 0.2308 | 4008 |
| 2 chrA2.149747A | C | 0.3538 | 3858 |
| 2 chrA2.149882A | G | 0.2115 | 4000 |
| 2 chrUn.556786G | A | 0.482 | 4006 |
| 2 chrA2.149912A | G | 0.239 | 3996 |
| 2 chrA2.149945G | A | 0.3808 | 3994 |
| 2 chrA2.149976A | C | 0.2771 | 3868 |
| 2 chrA2.150018A | G | 0.4213 | 3976 |
| 2 chrA2.150131A | G | 0.1358 | 4000 |

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| 2 chrA2.150191A | G | 0.1267 | 4002 |
| 2 chrA2.150263G | A | 0.07461 | 3994 |
| 2 chrA2.150297A | G | 0.4863 | 3946 |
| 2 chrA2.150326G | A | 0.4602 | 3872 |
| 2 chrA2.150370G | A | 0.1848 | 3960 |
| 2 chrA2.150398C | A | 0.1328 | 3954 |
| 2 chrA2.150431A | C | 0.1966 | 4008 |
| 2 chrA2.150478A | G | 0.001256 | 3980 |
| 2 chrA2.150490G | A | 0.1131 | 4004 |
| 2 chrA2.150526A | G | 0.1217 | 4002 |
| 2 chrA2.150574G | A | 0.1023 | 3998 |
| 2 chrA2.150624G | A | 0.3143 | 3646 |
| 2 chrA2.150686G | A | 0.1085 | 3980 |
| 2 chrA2.150731G | A | 0.2746 | 4002 |
| 2 chrA2.150766A | G | 0.2773 | 3876 |
| 2 chrA2.150798A | C | 0.2661 | 3984 |
| 2 chrA2.150830C | A | 0.3011 | 3996 |
| 2 chrA2.150875A | G | 0.123 | 3902 |
| 2 chrA2.150907A | G | 0.1221 | 4004 |
| 2 chrUn34.2009A | G | 0.1234 | 4002 |
| 2 chrA2.150991G | A | 0.2068 | 3878 |
| 2 chrA2.151048A | G | 0.3496 | 3944 |
| 2 chrUn.523390A | G | 0.4094 | 3974 |
| 2 chrA2.151084G | A | 0.098 | 4000 |
| 2 chrA2.151152A | C | 0.4861 | 3958 |
| 2 chrA2.151185C | A | 0.4397 | 3996 |
| 2 chrA2.151259A | G | 0.3025 | 3934 |
| 2 chrA2.151261A | C | 0.3454 | 3998 |
| 2 chrA2.151339G | A | 0.2213 | 3896 |
| 2 chrA2.151369G | A | 0.2248 | 3884 |
| 2 chrA2.151423G | A | 0.2555 | 3796 |
| 2 chrA2.151546A | G | 0.01329 | 3912 |
| 2 chrA2.151546G | A | 0.2635 | 3970 |
| 2 chrA2.151572A | C | 0.05714 | 4008 |
| 2 chrA2.151640C | A | 0.3339 | 3992 |
| 2 chrA2.151694G | A | 0.4212 | 3948 |
| 2 chrA2.151728G | A | 0.4498 | 4002 |
| 2 chrA2.151789A | G | 0.01873 | 4004 |
| 2 chrA2.151801A | C | 0.4726 | 3944 |
| 2 chrA2.151833G | A | 0.1913 | 4000 |
| 2 chrA2.151885A | G | 0.2552 | 4004 |

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| 2 chrA2.151947A | G | 0.1208 | 3990 |
| 2 chrA2.151986G | A | 0.4263 | 3948 |
| 2 chrA2.152007G | A | 0.1051 | 4006 |
| 2 chrA2.152057G | A | 0.4381 | 3974 |
| 2 chrA2.152104G | A | 0.454 | 3894 |
| 2 chrA2.152145A | G | 0.1141 | 4006 |
| 2 chrA2.152195A | G | 0.4483 | 4004 |
| 2 chrA2.152266G | A | 0.1509 | 4008 |
| 2 chrA2.152305A | G | 0.4457 | 3996 |
| 2 chrA2.152338A | G | 0.1679 | 4002 |
| 2 chrA2.152368A | G | 0.1256 | 4006 |
| 2 chrA2.152416A | G | 0.1463 | 3862 |
| 2 chrA2.152476A | C | 0.1618 | 3968 |
| 2 chrA2.152505G | A | 0.1821 | 3992 |
| 2 chrA2.152605C | A | 0.4359 | 3918 |
| 2 chrA2.152646A | G | 0.3472 | 3724 |
| 2 chrA2.152676A | G | 0.348 | 3942 |
| 2 chrA2.152715A | G | 0.07896 | 4002 |
| 2 chrA2.152754A | G | 0.09219 | 3894 |
| 2 chrA2.152818C | A | 0.3556 | 3794 |
| 2 chrA2.152847C | A | 0.1919 | 4002 |
| 2 chrA2.152916A | G | 0.08155 | 4010 |
| 2 chrA2.152925A | G | 0.1712 | 4008 |
| 2 chrA2.152975A | C | 0.3348 | 3988 |
| 2 chrA2.153005A | C | 0.09336 | 4006 |
| 2 chrA2.153066C | A | 0.173 | 3970 |
| 2 chrA2.153117C | A | 0.3428 | 3996 |
| 2 chrA2.153146A | G | 0.1962 | 3996 |
| 2 chrA2.153194A | C | 0.05451 | 3944 |
| 2 chrA2.153256A | G | 0.09462 | 3942 |
| 2 chrA2.153305C | A | 0.3975 | 3940 |
| 2 chrA2.153335A | G | 0.03852 | 3972 |
| 2 chrA2.153376A | G | 0.2122 | 3982 |
| 2 chrA2.153404A | C | 0.2759 | 3972 |
| 2 chrA2.153445G | A | 0.2414 | 3994 |
| 2 chrA2.153485A | G | 0.05838 | 4008 |
| 2 chrA2.153526G | A | 0.0649 | 4006 |
| 2 chrA2.153566A | G | 0.2017 | 4006 |
| 2 chrA2.153698A | C | 0.1349 | 4010 |
| 2 chrA2.153816G | A | 0.3284 | 3992 |
| 2 chrA2.153857G | A | 0.3505 | 3992 |

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| 2 chrA2.153887A | G | 0.1393 | 3876 |
| 2 chrA2.153914A | G | 0.1484 | 3996 |
| 2 chrA2.153931G | A | 0.1438 | 3998 |
| 2 chrA2.153957A | G | 0.142 | 3938 |
| 2 chrA2.154079G | A | 0.04325 | 4000 |
| 2 chrA2.154217A | G | 0.4266 | 4004 |
| 2 chrA2.154296G | A | 0.3123 | 3990 |
| 2 chrA2.154317A | G | 0.2434 | 4006 |
| 2 chrA2.154357G | A | 0.28 | 3954 |
| 2 chrA2.154386A | C | 0.3547 | 3936 |
| 2 chrA2.154426A | G | 0.2131 | 4008 |
| 2 chrA2.154480G | A | 0.3597 | 3992 |
| 2 chrA2.154519A | G | 0.3575 | 3986 |
| 2 chrA2.154617A | G | 0.07669 | 3912 |
| 2 chrA2.154679G | A | 0.2312 | 3996 |
| 2 chrA2.154679A | G | 0.231 | 3992 |
| 2 chrA2.154719A | C | 0.3271 | 3986 |
| 2 chrA2.154767G | A | 0.4173 | 3990 |
| 2 chrA2.154830G | A | 0.2725 | 3978 |
| 2 chrUn.511100G | A | 0.2491 | 3806 |
| 2 chrA2.154908G | A | 0.2433 | 3880 |
| 2 chrA2.154947A | G | 0.1336 | 3854 |
| 2 chrA2.154986A | G | 0.2311 | 3998 |
| 2 chrA2.155038A | G | 0.1714 | 3990 |
| 2 chrA2.155097A | C | 0.1895 | 3694 |
| 2 chrA2.155127A | G | 0.1854 | 3986 |
| 2 chrA2.155226G | A | 0.2262 | 4000 |
| 2 chrA2.155268G | A | 0.4845 | 3990 |
| 2 chrA2.155340G | A | 0.4165 | 4002 |
| 2 chrA2.155398G | A | 0.2227 | 3902 |
| 2 chrA2.155470A | G | 0.1907 | 4006 |
| 2 chrA2.155569G | A | 0.4474 | 3994 |
| 2 chrA2.155647G | A | 0.1555 | 3820 |
| 2 chrA2.155648G | A | 0.1729 | 3904 |
| 2 chrA2.155691A | G | 0.4219 | 3830 |
| 2 chrA2.155747G | A | 0.004278 | 3974 |
| 2 chrA2.155821G | A | 0.2306 | 3760 |
| 2 chrA2.155856A | G | 0.3872 | 4000 |
| 2 chrA2.155926A | G | 0.02888 | 3740 |
| 2 chrA2.155937G | A | 0.001747 | 4008 |
| 2 chrA2.156039A | G | 0.157 | 3986 |

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| 2 chrA2.156061A | G | 0.011 | 4000 |
| 2 chrA2.156086G | A | 0.07096 | 3988 |
| 2 chrA2.156120A | G | 0.4664 | 3994 |
| 2 chrA2.156165A | G | 0.09748 | 3970 |
| 2 chrA2.156206A | G | 0.0498 | 3996 |
| 2 chrA2.156262A | G | 0.009476 | 4010 |
| 2 chrA2.156303A | G | 0.3666 | 3928 |
| 2 chrA2.156358G | A | 0.489 | 4004 |
| 2 chrA2.156396G | A | 0.04843 | 4006 |
| 2 chrA2.156448A | G | 0.07743 | 3978 |
| 2 chrA2.156479A | G | 0.4381 | 4008 |
| 2 chrA2.156510A | G | 0.345 | 3980 |
| 2 chrA2.156560A | G | 0.01132 | 3798 |
| 2 chrA2.156620G | A | 0.1212 | 4010 |
| 2 chrA2.156648A | G | 0.2715 | 4000 |
| 2 chrA2.156674A | G | 0.2707 | 3990 |
| 2 chrA2.156720A | G | 0.2706 | 3972 |
| 2 chrA2.156794A | G | 0.2374 | 4002 |
| 2 chrA2.156877A | G | 0.1486 | 4004 |
| 2 chrA2.156916A | G | 0.3769 | 3996 |
| 2 chrA2.156975A | G | 0.3884 | 3764 |
| 2 chrA2.157003G | A | 0.06811 | 4008 |
| 2 chrA2.157038G | A | 0.4698 | 3934 |
| 2 chrA2.157136C | A | 0.08258 | 4008 |
| 2 chrA2.157181A | G | 0.01573 | 4006 |
| 2 chrA2.157205G | A | 0.4863 | 4006 |
| 2 chrA2.157261A | C | 0.01811 | 3920 |
| 2 chrA2.157305A | G | 0.2055 | 4000 |
| 2 chrA2.157362A | G | 0.1784 | 3996 |
| 2 chrA2.157403C | A | 0.01273 | 4006 |
| 2 chrA2.157444A | G | 0.4642 | 3962 |
| 2 chrA2.157483A | G | 0.3004 | 3998 |
| 2 chrA2.157516G | A | 0.06287 | 4008 |
| 2 chrA2.157519A | C | 0.003582 | 3908 |
| 2 chrA2.157576A | G | 0.2937 | 4000 |
| 2 chrA2.157639A | G | 0.09226 | 3826 |
| 2 chrA2.157657A | G | 0.3731 | 4010 |
| 2 chrA2.157697G | A | 0.2637 | 4004 |
| 2 chrA2.157727G | A | 0.1019 | 4004 |
| 2 chrA2.157753C | A | 0.3144 | 4004 |
| 2 chrA2.157817G | A | 0.4417 | 3994 |

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| 2 chrA2.157866A | C | 0.441 | 4000 |
| 2 chrA2.157892A | G | 0.1464 | 3866 |
| 2 chrA2.157939 | 0 A | 0 | 4010 |
| 2 chrA2.157939A | C | 0.3651 | 3982 |
| 2 chrA2.157981G | A | 0.2475 | 3992 |
| 2 chrA2.158023G | A | 0.2977 | 4004 |
| 2 chrA2.158054A | C | 0.2978 | 3992 |
| 2 chrA2.158153G | A | 0.2134 | 4002 |
| 2 chrA2.158194A | C | 0.3049 | 3972 |
| 2 chrA2.158229G | A | 0.442 | 4000 |
| 2 chrA2.158268A | G | 0.146 | 4006 |
| 2 chrA2.158306G | A | 0.2762 | 4000 |
| 2 chrA2.158337A | G | 0.1687 | 3990 |
| 2 chrA2.158409A | G | 0.1672 | 3960 |
| 2 chrA2.158459G | A | 0.02753 | 3996 |
| 2 chrA2.158479G | A | 0.3274 | 3968 |
| 2 chrA2.158499A | G | 0.2559 | 4002 |
| 2 chrA2.158568A | G | 0.1525 | 3968 |
| 2 chrA2.158611G | A | 0.0495 | 4000 |
| 2 chrA2.158686A | G | 0.338 | 3988 |
| 2 chrA2.158746A | G | 0.01397 | 4010 |
| 2 chrA2.158792A | C | 0.08653 | 3906 |
| 2 chrA2.158851G | A | 0.3744 | 3974 |
| 2 chrA2.158897G | A | 0.3545 | 3980 |
| 2 chrA2.158930G | A | 0.3278 | 3810 |
| 2 chrA2.158960G | A | 0.3595 | 3914 |
| 2 chrA2.159017A | C | 0.2495 | 3948 |
| 2 chrA2.159049A | C | 0.4462 | 3956 |
| 2 chrA2.159083A | G | 0.1875 | 3830 |
| 2 chrA2.159191G | A | 0.01648 | 4006 |
| 2 chrA2.159238G | A | 0.1006 | 4006 |
| 2 chrA2.159309A | G | 0.2118 | 3948 |
| 2 chrA2.159316A | G | 0.4368 | 3988 |
| 2 chrUn.125514G | A | 0.3155 | 4006 |
| 2 chrA2.159401A | G | 0.4329 | 3982 |
| 2 chrA2.159442A | C | 0.3045 | 3990 |
| 2 chrA2.159513G | A | 0.1896 | 4008 |
| 2 chrA2.159549A | G | 0.4027 | 3966 |
| 2 chrA2.159644A | G | 0.2515 | 4008 |
| 2 chrA2.159688A | G | 0.02374 | 4002 |
| 2 chrA2.159709A | G | 0.3878 | 3896 |

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| 2 chrA2.159745A | G | 0.01421 | 4010 |
| 2 chrA2.159841G | A | 0.02746 | 4006 |
| 2 chrA2.159925A | G | 0.3486 | 4008 |
| 2 chrA2.159955A | G | 0.4095 | 3912 |
| 2 chrA2.160021G | A | 0.258 | 3980 |
| 2 chrA2.160051A | G | 0.2274 | 4006 |
| 2 chrA2.160095A | G | 0.2198 | 3976 |
| 2 chrA2.160175A | G | 0.2385 | 3988 |
| 2 chrA2.160207A | G | 0.02163 | 3838 |
| 2 chrA2.160271A | G | 0.36 | 3994 |
| 2 chrA2.160295A | G | 0.02399 | 4002 |
| 2 chrUn.351275A | G | 0.3896 | 4004 |
| 2 chrUn.351277A | G | 0.3889 | 3960 |
| 2 chrA2.160376C | A | 0.3616 | 3996 |
| 2 chrA2.160445A | G | 0.2768 | 4000 |
| 2 chrA2.160474G | A | 0.3157 | 3922 |
| 2 chrA2.160525G | A | 0.1972 | 4006 |
| 2 chrA2.160575A | C | 0.09079 | 3910 |
| 2 chrA2.160625A | C | 0.04869 | 3984 |
| 2 chrA2.160665G | A | 0.3052 | 3942 |
| 2 chrA2.160755A | G | 0.4339 | 3996 |
| 2 chrA2.160835C | A | 0.1407 | 4002 |
| 2 chrA2.160925G | A | 0.3683 | 3994 |
| 2 chrA2.161015C | A | 0.07905 | 3972 |
| 2 chrA2.161044A | C | 0.213 | 3996 |
| 2 chrA2.161081A | G | 0.2466 | 3994 |
| 2 chrA2.161135A | C | 0.1103 | 4008 |
| 2 chrA2.161226C | A | 0.4169 | 3996 |
| 2 chrA2.161257G | A | 0.3056 | 3996 |
| 2 chrA2.161295G | A | 0.2221 | 4008 |
| 2 chrA2.161326A | G | 0.4397 | 3996 |
| 2 chrA2.161355G | A | 0.4493 | 3988 |
| 2 chrA2.161395G | A | 0.2495 | 3996 |
| 2 chrA2.161436A | G | 0.07353 | 3876 |
| 2 chrA2.161505A | G | 0.07992 | 4004 |
| 2 chrA2.161525A | G | 0.1879 | 3886 |
| 2 chrA2.161655A | G | 0.1569 | 3996 |
| 2 chrA2.161687G | A | 0.445 | 4002 |
| 2 chrA2.161705A | G | 0.1903 | 3994 |
| 2 chrA2.161755G | A | 0.4648 | 3972 |
| 2 chrUn.412736A | G | 0.4632 | 4000 |

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| 2 chrA2.161794A | G | 0.3583 | 4002 |
| 2 chrA2.161803A | G | 0.4321 | 4006 |
| 2 chrA2.161850A | G | 0.01424 | 4004 |
| 2 chrA2.161907A | G | 0.2844 | 3948 |
| 2 chrA2.161993A | G | 0.2486 | 4002 |
| 2 chrA2.162024A | G | 0.3793 | 3992 |
| 2 chrA2.162069A | G | 0.2025 | 4000 |
| 2 chrA2.162119A | G | 0.2465 | 3992 |
| 2 chrA2.162153A | G | 0.3247 | 3960 |
| 2 chrA2.162182A | C | 0.07636 | 3968 |
| 2 chrA2.162210A | C | 0.3152 | 4004 |
| 2 chrA2.162231A | C | 0.07809 | 4008 |
| 2 chrA2.162255C | A | 0.4807 | 3986 |
| 2 chrA2.162347A | G | 0.01796 | 4008 |
| 2 chrA2.162396A | G | 0.3956 | 3996 |
| 2 chrA2.162442A | G | 0.09486 | 4006 |
| 2 chrA2.162521A | G | 0.3381 | 3996 |
| 2 chrA2.162568G | A | 0.1053 | 3988 |
| 2 chrUn.396221A | G | 0.4732 | 3998 |
| 2 chrA2.162612A | C | 0.2862 | 3952 |
| 2 chrA2.162649A | G | 0.02981 | 3992 |
| 2 chrA2.162674C | A | 0.09089 | 3994 |
| 2 chrA2.162692G | A | 0.2518 | 4000 |
| 2 chrA2.162727G | A | 0.09024 | 3934 |
| 2 chrA2.162771A | C | 0.023 | 4000 |
| 2 chrA2.162855A | C | 0.0312 | 4006 |
| 2 chrA2.162891A | G | 0.3478 | 3948 |
| 2 chrA2.162931A | G | 0.09359 | 3900 |
| 2 chrA2.162972A | G | 0.2782 | 3882 |
| 2 chrA2.163026C | A | 0.1174 | 4004 |
| 2 chrA2.163132A | G | 0.01683 | 3982 |
| 2 chrA2.163173G | A | 0.1848 | 3902 |
| 2 chrA2.163205A | G | 0.3607 | 3912 |
| 2 chrA2.163330G | A | 0.08993 | 3792 |
| 2 chrA2.163339G | A | 0.3022 | 4004 |
| 2 chrA2.163428G | A | 0.2795 | 3996 |
| 2 chrA2.163464G | A | 0.3146 | 4002 |
| 2 chrA2.163504A | G | 0.09504 | 3988 |
| 2 chrA2.163560A | G | 0.4766 | 3974 |
| 2 chrA2.163623A | G | 0.01075 | 4000 |
| 2 chrA2.163652A | C | 0.3621 | 3958 |

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| 2 chrA2.163689A | C | 0.1036 | 3928 |
| 2 chrA2.163793A | G | 0.1426 | 3982 |
| 2 chrA2.163819A | G | 0.1666 | 3896 |
| 2 chrA2.163843A | C | 0.4442 | 3994 |
| 2 chrA2.163893A | G | 0.1801 | 3904 |
| 2 chrA2.163936G | A | 0.1551 | 3876 |
| 2 chrA2.163960C | A | 0.202 | 3936 |
| 2 chrA2.164011A | G | 0.32 | 3994 |
| 2 chrA2.164054A | G | 0.4515 | 3980 |
| 2 chrA2.164080C | A | 0.2334 | 3924 |
| 2 chrA2.164125G | A | 0.3035 | 3994 |
| 2 chrA2.164161G | A | 0.2605 | 3942 |
| 2 chrA2.164187G | A | 0.2942 | 3980 |
| 2 chrA2.164226C | A | 0.3535 | 4000 |
| 2 chrA2.164328G | A | 0.004375 | 3886 |
| 2 chrUn.757738G | A | 0.3707 | 3998 |
| 2 chrA2.164388A | G | 0.3982 | 4006 |
| 2 chrA2.164420C | A | 0.4962 | 3946 |
| 2 chrA2.164445A | G | 0.1478 | 4006 |
| 2 chrA2.164547A | C | 0.2093 | 3990 |
| 2 chrA2.164588A | G | 0.4149 | 3984 |
| 2 chrA2.164613C | A | 0.0918 | 3976 |
| 2 chrA2.164646G | A | 0.02928 | 3996 |
| 2 chrA2.164750A | G | 0.2643 | 3996 |
| 2 chrA2.164839A | G | 0.4798 | 3956 |
| 2 chrA2.164806A | G | 0.3052 | 4004 |
| 2 chrA2.164917G | A | 0.01648 | 4004 |
| 2 chrA2.164967A | G | 0.2752 | 4008 |
| 2 chrA2.165024A | C | 0.1365 | 3978 |
| 2 chrA2.165069A | G | 0.282 | 4004 |
| 2 chrA2.165151G | A | 0.03418 | 4008 |
| 2 chrA2.165123A | G | 0.138 | 3986 |
| 2 chrC1.111949A | C | 0.311 | 4006 |
| 2 chrA2.165231A | G | 0.2298 | 3942 |
| 2 chrA2.165198G | A | 0.2376 | 3998 |
| 2 chrA2.165259A | G | 0.4318 | 4002 |
| 2 chrA2.165365G | A | 0.01325 | 4000 |
| 2 chrA2.165428A | C | 0.4463 | 3968 |
| 2 chrA2.165486A | G | 0.01709 | 3978 |
| 2 chrA2.165523A | G | 0.3603 | 3936 |
| 2 chrA2.165561A | G | 0.2438 | 4004 |

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|---------------|---|-----|----------|------|
| 2 chrA2.16562 | G | A | 0.07218 | 4004 |
| 2 chrA2.16567 | G | A | 0.3981 | 3996 |
| 2 chrA2.16578 | G | A | 0.1615 | 4006 |
| 2 chrA2.16588 | G | A | 0.2067 | 4000 |
| 2 chrA2.16599 | G | A | 0.2318 | 3948 |
| 2 chrA2.16602 | C | A | 0.2694 | 3960 |
| 2 chrA2.16612 | G | A | 0.2565 | 4000 |
| 2 chrA2.16615 | G | A | 0.06986 | 4008 |
| 2 chrA2.16622 | G | A | 0.486 | 4002 |
| 2 chrA2.16622 | G | A | 0.1276 | 3972 |
| 2 chrA2.16632 | A | G | 0.3559 | 3818 |
| 2 chrUn.79862 | A | G | 0.2691 | 3962 |
| 2 chrA2.16635 | A | G | 0.06835 | 3994 |
| 2 chrA2.16636 | | 0 G | 0 | 4002 |
| 2 chrA2.16639 | A | G | 0.1379 | 3946 |
| 2 chrA2.16642 | A | C | 0.006983 | 4010 |
| 2 chrA2.16647 | A | G | 0.06222 | 4002 |
| 2 chrA2.16650 | C | A | 0.159 | 3994 |
| 2 chrUn.56535 | A | G | 0.0795 | 4000 |
| 2 chrA2.16654 | A | G | 0.02362 | 3810 |
| 2 chrUn.51034 | A | G | 0.0993 | 3696 |
| 2 chrA2.16659 | G | A | 0.2267 | 3944 |
| 2 chrA2.16663 | A | G | 0.2214 | 3984 |
| 2 chrA2.16668 | A | G | 0.05938 | 4008 |
| 2 chrA2.16671 | G | A | 0.1243 | 3998 |
| 2 chrA2.16673 | A | C | 0.04207 | 3756 |
| 2 chrA2.16677 | G | A | 0.1138 | 3998 |
| 2 chrA2.16683 | A | G | 0.1226 | 3826 |
| 2 chrA2.16686 | A | G | 0.3794 | 3946 |
| 2 chrA2.16691 | A | G | 0.168 | 4006 |
| 2 chrA2.16696 | A | C | 0.006234 | 4010 |
| 2 chrA2.16698 | A | C | 0.02672 | 4004 |
| 2 chrA2.16701 | C | A | 0.4562 | 3906 |
| 2 chrA2.16708 | G | A | 0.08312 | 3994 |
| 2 chrA2.16713 | G | A | 0.2074 | 3964 |
| 2 chrA2.16715 | G | A | 0.457 | 3998 |
| 2 chrA2.16721 | G | A | 0.04543 | 4006 |
| 2 chrA2.16727 | A | C | 0.2579 | 4006 |
| 2 chrA2.16735 | A | G | 0.1271 | 4006 |
| 2 chrA2.16739 | G | A | 0.4628 | 4002 |
| 2 chrA2.16742 | A | C | 0.03869 | 4006 |

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| 2 chrA2.167456A | G | 0.258 | 3980 |
| 2 chrX.1469191A | C | 0.05893 | 3988 |
| 2 chrA2.167515A | G | 0.08741 | 4004 |
| 2 chrA2.167555A | G | 0.004764 | 3988 |
| 2 chrA2.167584A | G | 0.01328 | 3992 |
| 2 chrA2.167637A | G | 0.4577 | 4000 |
| 2 chrA2.167667A | C | 0.08763 | 3960 |
| 2 chrA2.167726A | G | 0.1141 | 4006 |
| 2 chrA2.167751A | G | 0.4593 | 3982 |
| 2 chrA2.167795C | A | 0.1964 | 3844 |
| 2 chrA2.167825A | G | 0.06864 | 3992 |
| 2 chrA2.167873A | G | 0.06871 | 3988 |
| 2 chrA2.167985A | G | 0.2379 | 3968 |
| 2 chrA2.168026G | A | 0.312 | 4000 |
| 2 chrA2.168076G | A | 0.2494 | 3946 |
| 2 chrA2.168105A | G | 0.3454 | 3940 |
| 2 chrA2.168158G | A | 0.3631 | 3776 |
| 2 chrA2.168246A | G | 0.2107 | 4006 |
| 2 chrA2.168295A | G | 0.1261 | 3956 |
| 2 chrA2.168335A | G | 0.4375 | 3986 |
| 2 chrA2.168386G | A | 0.2033 | 3994 |
| 2 chrA2.168412C | A | 0.113 | 3992 |
| 2 chrA2.168451A | G | 0.2088 | 3904 |
| 2 chrA2.168535A | G | 0.2823 | 3996 |
| 2 chrUn.725434G | A | 0.4455 | 4000 |
| 2 chrA2.168571A | G | 0.2635 | 3992 |
| 2 chrA2.168627A | G | 0.2833 | 4000 |
| 2 chrA2.168657A | G | 0.3083 | 4002 |
| 2 chrA2.168692G | A | 0.3098 | 3986 |
| 2 chrA2.168711A | G | 0.05578 | 3998 |
| 2 chrA2.168744A | G | 0.3085 | 4010 |
| 2 chrA2.168805A | G | 0.1834 | 4002 |
| 2 chrA2.168835A | G | 0.412 | 4010 |
| 2 chrA2.168872G | A | 0.02444 | 4010 |
| 2 chrA2.168907A | G | 0.2765 | 3956 |
| 2 chrA2.168946A | G | 0.2891 | 3982 |
| 2 chrA2.168992A | C | 0.2738 | 3970 |
| 2 chrA2.169017A | G | 0.1983 | 3596 |
| 2 chrA2.169065A | G | 0.3118 | 3868 |
| 2 chrA2.169125A | G | 0.227 | 3722 |
| 2 chrA2.169272C | A | 0.2791 | 3956 |

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| 2 chrA2.169309A | G | 0.1381 | 3990 |
| 2 chrUn.419077G | A | 0.306 | 3984 |
| 2 chrA2.169359A | G | 0.2803 | 3996 |
| 2 chrD4.467729A | G | 0.2977 | 4004 |
| 2 chrA2.169416C | A | 0.4401 | 3992 |
| 2 chrA2.169459G | A | 0.3033 | 4002 |
| 2 chrA2.169466 | 0 G | 0 | 4008 |
| 2 chrA2.169507A | G | 0.4702 | 3990 |
| 2 chrA2.169539A | G | 0.2919 | 4002 |
| 2 chrA2.169599G | A | 0.159 | 4006 |
| 2 chrA2.169667C | A | 0.1815 | 3824 |
| 2 chrA2.169701G | A | 0.2489 | 4006 |
| 2 chrA2.169771C | A | 0.2434 | 4006 |
| 2 chrA2.169797G | A | 0.2346 | 4002 |
| 2 chrA2.169798A | G | 0.3359 | 3992 |
| 2 chrA2.169856G | A | 0.2415 | 3988 |
| 2 chrA2.169896A | G | 0.1608 | 4004 |
| 2 chrA2.169976G | A | 0.2361 | 3998 |
| 2 chrUn.680687A | C | 0.2365 | 4004 |
| 2 chrA2.170116A | G | 0.006737 | 4008 |
| 2 chrA2.170217 | 0 A | 0 | 4008 |
| 2 chrA2.170337A | G | 0.4977 | 3988 |
| 2 chrA2.170389A | G | 0.2526 | 3970 |
| 2 chrA2.170447A | G | 0.2338 | 4000 |
| 2 chrA2.170469A | G | 0.04296 | 3678 |
| 2 chrA2.170549A | G | 0.2174 | 3938 |
| 2 chrA2.170576C | A | 0.1661 | 3714 |
| 2 chrA2.170617G | A | 0.4432 | 3998 |
| 2 chrA2.170641A | G | 0.4419 | 3978 |
| 2 chrA2.170668G | A | 0.4496 | 4004 |
| 2 chrA2.170709G | A | 0.4342 | 3922 |
| 2 chrA2.170739G | A | 0.4448 | 4004 |
| 2 chrUn.661416A | G | 0.3222 | 4000 |
| 2 chrA2.170777A | C | 0.3916 | 3994 |
| 2 chrA2.170857G | A | 0.1128 | 4000 |
| 2 chrA2.170896A | C | 0.008234 | 4008 |
| 2 chrA2.170916G | A | 0.1224 | 4002 |
| 2 chrA2.170951A | G | 0.4203 | 3990 |
| 2 chrA2.170988G | A | 0.4605 | 4000 |
| 2 chrA2.171006A | G | 0.4648 | 3978 |
| 2 chrA2.171027A | G | 0.4632 | 3994 |

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| 2 chrA2.171105C | A | 0.1136 | 4004 |
| 2 chrA2.171149A | G | 0.3634 | 3998 |
| 2 chrA2.171182C | A | 0.4741 | 4008 |
| 2 chrC2.270911A | G | 0.1489 | 3976 |
| 2 chrA2.171364G | A | 0.1174 | 3936 |
| 2 chrA2.171415A | G | 0.02331 | 3990 |
| 2 chrA2.171492A | C | 0.09269 | 3992 |
| 2 chrA2.171530A | G | 0.0307 | 4006 |
| 2 chrA2.171574G | A | 0.1158 | 3938 |
| 2 chrA2.171627G | A | 0.02099 | 4002 |
| 2 chrA2.171667C | A | 0.03172 | 4004 |
| 2 chrA2.171774G | A | 0.04158 | 3992 |
| 2 chrA2.171801G | A | 0.01963 | 3974 |
| 2 chrUn.714541A | G | 0.01975 | 4000 |
| 2 chrA2.171839G | A | 0.05028 | 3998 |
| 2 chrA2.172011C | A | 0.4 | 3990 |
| 2 chrA2.172045A | G | 0.3023 | 4000 |
| 2 chrA2.172070A | C | 0.3194 | 4004 |
| 2 chrA2.172105A | G | 0.07321 | 4002 |
| 2 chrA2.172171A | G | 0.4513 | 4004 |
| 2 chrA2.172250A | G | 0.282 | 4004 |
| 2 chrA2.172320G | A | 0.3448 | 4000 |
| 2 chrA2.172354G | A | 0.394 | 4000 |
| 2 chrA2.172402A | G | 0.1942 | 4002 |
| 2 chrA2.172465A | G | 0.3374 | 3992 |
| 2 chrA2.172488A | G | 0.3972 | 3990 |
| 2 chrA2.172517G | A | 0.4382 | 4000 |
| 2 chrA2.172591C | A | 0.03328 | 3936 |
| 2 chrA2.172617G | A | 0.418 | 4000 |
| 2 chrA2.172667A | G | 0.3716 | 4004 |
| 2 chrA2.172695A | G | 0.1618 | 4006 |
| 2 chrA2.172725A | G | 0.07808 | 3996 |
| 2 chrA2.172771A | G | 0.0009975 | 4010 |
| 2 chrA2.172799G | A | 0.3774 | 3982 |
| 2 chrA2.172865A | G | 0.1851 | 4008 |
| 2 chrA2.172908A | G | 0.2016 | 4002 |
| 2 chrA2.172949G | A | 0.4524 | 3992 |
| 2 chrA2.172975G | A | 0.3717 | 3998 |
| 2 chrA2.173004G | A | 0.3865 | 4000 |
| 2 chrA2.173078G | A | 0.2894 | 3980 |
| 2 chrA2.173135A | G | 0.3834 | 4004 |

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| 2 chrA2.173175A | G | 0.1375 | 3986 |
| 2 chrA2.173236A | G | 0.01173 | 3836 |
| 2 chrA2.173237A | G | 0.3986 | 3986 |
| 2 chrA2.173316A | G | 0.4517 | 3996 |
| 2 chrA2.173337G | A | 0.3764 | 3998 |
| 2 chrA2.173377A | G | 0.4471 | 4010 |
| 2 chrA2.173406G | A | 0.1809 | 3986 |
| 2 chrA2.173487A | C | 0.388 | 3936 |
| 2 chrA2.173524G | A | 0.4532 | 3994 |
| 2 chrA2.173566C | A | 0.3883 | 3994 |
| 2 chrA2.173626C | A | 0.2036 | 3954 |
| 2 chrA2.173647G | A | 0.4567 | 4000 |
| 2 chrA2.173797G | A | 0.2171 | 3768 |
| 2 chrA2.173839A | G | 0.1691 | 3980 |
| 2 chrA2.173871C | A | 0.338 | 3994 |
| 2 chrA2.173915A | G | 0.19 | 3974 |
| 2 chrA2.173977G | A | 0.3711 | 3748 |
| 2 chrA2.174024C | A | 0.4008 | 4004 |
| 2 chrB2.257181G | A | 0.07592 | 4004 |
| 2 chrA2.174066A | C | 0.05742 | 3988 |
| 2 chrA2.174106G | A | 0.2168 | 3990 |
| 2 chrA2.174124A | G | 0.1651 | 3962 |
| 2 chrA2.174204A | G | 0.4882 | 3980 |
| 2 chrA2.174238A | G | 0.3816 | 3986 |
| 2 chrA2.174262G | A | 0.218 | 4000 |
| 2 chrA2.174311G | A | 0.4621 | 3824 |
| 2 chrA2.174346G | A | 0.1252 | 3882 |
| 2 chrA2.174375G | A | 0.2725 | 3996 |
| 2 chrA2.174401G | A | 0.3369 | 4004 |
| 2 chrA2.174436A | G | 0.0545 | 3908 |
| 2 chrA2.174484C | A | 0.196 | 4000 |
| 2 chrA2.174515A | G | 0.03043 | 3878 |
| 2 chrA2.174565A | G | 0.06281 | 3980 |
| 2 chrA2.174595G | A | 0.2388 | 3978 |
| 2 chrA2.174639A | G | 0.116 | 4008 |
| 2 chrA2.174687A | G | 0.1764 | 3968 |
| 2 chrA2.174741G | A | 0.4415 | 3998 |
| 2 chrA2.174857A | G | 0.4815 | 4006 |
| 2 chrA2.174895G | A | 0.07093 | 4004 |
| 2 chrA2.174924A | C | 0.474 | 4002 |
| 2 chrA2.174959A | G | 0.3763 | 3994 |

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| 2 chrA2.174997A | G | 0.06543 | 4004 |
| 2 chrA2.175048A | G | 0.449 | 3998 |
| 2 chrA2.175117C | A | 0.447 | 3984 |
| 2 chrA2.175147C | A | 0.1103 | 3990 |
| 2 chrA2.175187A | G | 0.0176 | 3864 |
| 2 chrA2.175239C | A | 0.3493 | 3896 |
| 2 chrA2.175270A | G | 0.1236 | 4004 |
| 2 chrA2.175316C | A | 0.4669 | 3982 |
| 2 chrA2.175399A | G | 0.3128 | 3996 |
| 2 chrA2.175434G | A | 0.4619 | 3994 |
| 2 chrA2.175487A | G | 0.3796 | 3986 |
| 2 chrA2.175530G | A | 0.3051 | 3920 |
| 2 chrA2.175581G | A | 0.0981 | 4006 |
| 2 chrA2.175628G | A | 0.2184 | 4002 |
| 2 chrA2.175678G | A | 0.1927 | 4000 |
| 2 chrA2.175720A | G | 0.08794 | 3980 |
| 2 chrA2.175767A | G | 0.2136 | 3970 |
| 2 chrA2.175796G | A | 0.01651 | 3998 |
| 2 chrA2.175827G | A | 0.3673 | 3994 |
| 2 chrA2.175850G | A | 0.08397 | 3954 |
| 2 chrA2.175877C | A | 0.1773 | 3994 |
| 2 chrA2.175926A | G | 0.2192 | 4006 |
| 2 chrA2.175996G | A | 0.4437 | 3964 |
| 2 chrA2.176027G | A | 0.2772 | 3982 |
| 2 chrA2.176074G | A | 0.437 | 3982 |
| 2 chrA2.176109A | G | 0.305 | 3990 |
| 2 chrA2.176139A | G | 0.1453 | 3874 |
| 2 chrA2.176177A | G | 0.4338 | 4002 |
| 2 chrA2.176236G | A | 0.4516 | 3988 |
| 2 chrA2.176279A | G | 0.4078 | 4000 |
| 2 chrA2.176329G | A | 0.2899 | 3988 |
| 2 chrA2.176350G | A | 0.182 | 4000 |
| 2 chrA2.176389A | G | 0.4203 | 4000 |
| 2 chrA2.176424A | G | 0.3383 | 3990 |
| 2 chrA2.176464C | A | 0.1843 | 3804 |
| 2 chrA2.176519G | A | 0.09266 | 4004 |
| 2 chrA2.176540G | A | 0.1657 | 3990 |
| 2 chrA2.176664C | A | 0.2067 | 4000 |
| 2 chrA2.176689A | G | 0.04171 | 3980 |
| 2 chrA2.176724C | A | 0.3429 | 3992 |
| 2 chrA2.176768A | G | 0.139 | 3792 |

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| 2 chrA2.176810G | A | 0.1213 | 3956 |
| 2 chrA2.176851A | G | 0.3947 | 3990 |
| 2 chrA2.176938A | G | 0.1314 | 4004 |
| 2 chrA2.177090A | G | 0.3005 | 3990 |
| 2 chrA2.177129G | A | 0.06269 | 3972 |
| 2 chrA2.177163A | G | 0.3087 | 3946 |
| 2 chrA2.177198A | G | 0.1728 | 3998 |
| 2 chrA2.177245A | C | 0.3643 | 3988 |
| 2 chrA2.177274A | G | 0.3682 | 4000 |
| 2 chrA2.177316A | G | 0.08017 | 4004 |
| 2 chrUn.584929A | G | 0.156 | 3994 |
| 2 chrA2.177362A | G | 0.137 | 3992 |
| 2 chrA2.177412A | G | 0.4919 | 3936 |
| 2 chrA2.177445A | C | 0.15 | 3994 |
| 2 chrA2.177549G | A | 0.433 | 3998 |
| 2 chrA2.177581G | A | 0.2101 | 3998 |
| 2 chrA2.177628A | G | 0.0002495 | 4008 |
| 2 chrA2.177652G | A | 0.2777 | 3994 |
| 2 chrA2.177682G | A | 0.3749 | 4004 |
| 2 chrA2.177709A | G | 0.3178 | 3782 |
| 2 chrUn.448851G | A | 0.4595 | 3948 |
| 2 chrA2.177771A | G | 0.289 | 3996 |
| 2 chrA2.177819G | A | 0.2706 | 3988 |
| 2 chrA2.177885G | A | 0.3226 | 3992 |
| 2 chrA2.177919C | A | 0.3523 | 3968 |
| 2 chrA2.177948 | 0 A | 0 | 4010 |
| 2 chrA2.177976G | A | 0.3517 | 3992 |
| 2 chrA2.178011G | A | 0.09531 | 4008 |
| 2 chrA2.178050G | A | 0.2071 | 3862 |
| 2 chrA2.178093G | A | 0.09303 | 3988 |
| 2 chrA2.178129C | A | 0.007254 | 3722 |
| 2 chrA2.178231A | G | 0.3858 | 3994 |
| 2 chrA2.178295A | G | 0.1883 | 3982 |
| 2 chrA2.178359G | A | 0.3665 | 3790 |
| 2 chrA2.178392G | A | 0.2906 | 3992 |
| 2 chrA2.178437G | A | 0.3042 | 3988 |
| 2 chrA2.178489G | A | 0.1261 | 3996 |
| 2 chrA2.178517A | G | 0.03095 | 4006 |
| 2 chrA2.178586G | A | 0.0327 | 4006 |
| 2 chrA2.178632A | G | 0.205 | 3942 |
| 2 chrA2.178693G | A | 0.3005 | 3974 |

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| 2 chrA2.178725G | A | 0.1969 | 3982 |
| 2 chrA2.178785A | G | 0.3621 | 3996 |
| 2 chrA2.178827A | G | 0.1732 | 4002 |
| 2 chrA2.178852A | G | 0.2995 | 3996 |
| 2 chrA2.178895A | G | 0.2554 | 3990 |
| 2 chrA2.178987A | C | 0.2257 | 3996 |
| 2 chrA2.179017A | G | 0.174 | 3994 |
| 2 chrA2.179042G | A | 0.1097 | 3846 |
| 2 chrA2.179065A | G | 0.3036 | 4002 |
| 2 chrA2.179125G | A | 0.3229 | 4008 |
| 2 chrA2.179147A | G | 0.3161 | 3986 |
| 2 chrA2.179187G | A | 0.1041 | 3978 |
| 2 chrA2.179246A | G | 0.4217 | 3996 |
| 2 chrA2.179276G | A | 0.1993 | 3984 |
| 2 chrA2.179282A | C | 0.252 | 3984 |
| 2 chrA2.179305G | A | 0.4187 | 3948 |
| 2 chrA2.179375A | G | 0.1201 | 3990 |
| 2 chrA2.179416A | G | 0.1823 | 3890 |
| 2 chrA2.179436A | C | 0.4448 | 4002 |
| 2 chrA2.179476A | G | 0.3118 | 3980 |
| 2 chrA2.179546A | G | 0.1911 | 3998 |
| 2 chrA2.179585A | G | 0.1227 | 3984 |
| 2 chrA2.179612A | G | 0.446 | 4000 |
| 2 chrA2.179655G | A | 0.4715 | 3996 |
| 2 chrA2.179741C | A | 0.2518 | 3968 |
| 2 chrA2.179875G | A | 0.4687 | 3960 |
| 2 chrA2.179915A | G | 0.18 | 3994 |
| 2 chrA2.180007A | G | 0.1022 | 4000 |
| 2 chrA2.180015A | C | 0.3641 | 3708 |
| 2 chrA2.180056C | A | 0.2687 | 3960 |
| 2 chrA2.180128A | G | 0.2826 | 4002 |
| 2 chrA2.180192A | G | 0.3705 | 3946 |
| 2 chrA2.180235G | A | 0.06325 | 4000 |
| 2 chrA2.180278A | G | 0.1169 | 3902 |
| 2 chrA2.180336G | A | 0.1182 | 4000 |
| 2 chrA2.180478G | A | 0.04314 | 4010 |
| 2 chrA2.180526A | G | 0.3752 | 4006 |
| 2 chrA2.180548A | G | 0.2555 | 3992 |
| 2 chrA2.180575A | C | 0.2375 | 4000 |
| 2 chrA2.180635A | G | 0.2155 | 4000 |
| 2 chrA2.180695G | A | 0.3427 | 3992 |

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| 2 chrA2.180741G | A | 0.3936 | 3994 |
| 2 chrA2.180785G | A | 0.1661 | 3992 |
| 2 chrA2.180825G | A | 0.1228 | 3934 |
| 2 chrA2.180856A | G | 0.1367 | 4002 |
| 2 chrA2.180897A | G | 0.4012 | 3996 |
| 2 chrA2.180924A | G | 0.4902 | 3960 |
| 2 chrA2.180940A | G | 0.2269 | 4006 |
| 2 chrA2.181017G | A | 0.2197 | 3988 |
| 2 chrA2.181106A | C | 0.325 | 4006 |
| 2 chrA2.181140C | A | 0.3767 | 3966 |
| 2 chrA2.181217G | A | 0.103 | 3990 |
| 2 chrA2.181239A | G | 0.09685 | 4006 |
| 2 chrA2.181299A | G | 0.4527 | 3998 |
| 2 chrA2.181405A | G | 0.3703 | 3878 |
| 2 chrA2.181476A | G | 0.1823 | 3878 |
| 2 chrA2.181506A | G | 0.1165 | 3940 |
| 2 chrA2.181531A | G | 0.1378 | 3934 |
| 2 chrA2.181558A | G | 0.2075 | 3962 |
| 2 chrA2.181601G | A | 0.1128 | 3988 |
| 2 chrA2.181634C | A | 0.316 | 3978 |
| 2 chrUn.286695G | A | 0.1989 | 3982 |
| 2 chrA2.181677A | G | 0.1696 | 3980 |
| 2 chrA2.181702C | A | 0.4167 | 3996 |
| 2 chrA2.181770C | A | 0.05253 | 3998 |
| 2 chrA2.181800A | G | 0.1561 | 3990 |
| 2 chrA2.181860G | A | 0.3856 | 4004 |
| 2 chrA2.181890A | G | 0.2702 | 3982 |
| 2 chrA2.181915G | A | 0.04031 | 3796 |
| 2 chrB2.151087A | G | 0.4445 | 4000 |
| 2 chrA2.181930G | A | 0.4912 | 3992 |
| 2 chrA2.181947G | A | 0.4757 | 3998 |
| 2 chrA2.182035G | A | 0.2751 | 3980 |
| 2 chrA2.182070G | A | 0.304 | 3938 |
| 2 chrA2.182140A | G | 0.2407 | 3992 |
| 2 chrA2.182217G | A | 0.4543 | 4006 |
| 2 chrA2.182257A | G | 0.1835 | 4000 |
| 2 chrA2.182316A | G | 0.06591 | 3960 |
| 2 chrA2.182394A | G | 0.003744 | 4006 |
| 2 chrA2.182419A | C | 0.3132 | 3898 |
| 2 chrA2.182492A | C | 0.1036 | 3996 |
| 2 chrA2.182526A | G | 0.485 | 4002 |

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| 2 chrA2.182560A | G | 0.04184 | 3824 |
| 2 chrA2.182601A | G | 0.2219 | 4002 |
| 2 chrA2.182625A | G | 0.1265 | 3914 |
| 2 chrA2.182668C | A | 0.04745 | 4004 |
| 2 chrA2.182696G | A | 0.4822 | 3874 |
| 2 chrA2.182727A | G | 0.07738 | 4006 |
| 2 chrA2.182763G | A | 0.08825 | 4000 |
| 2 chrA2.182821G | A | 0.4932 | 3992 |
| 2 chrA2.182845A | G | 0.3165 | 3968 |
| 2 chrA2.182871G | A | 0.2487 | 3996 |
| 2 chrA2.182928A | G | 0.1162 | 4000 |
| 2 chrA2.182951G | A | 0.1785 | 3966 |
| 2 chrA2.182999G | A | 0.3899 | 4004 |
| 2 chrA2.183036G | A | 0.2898 | 4010 |
| 2 chrA2.183059G | A | 0.4417 | 4000 |
| 2 chrA2.183088A | G | 0.1605 | 3938 |
| 2 chrA2.183119C | A | 0.2834 | 3994 |
| 2 chrA2.183187A | G | 0.004239 | 4010 |
| 2 chrA2.183219G | A | 0.2692 | 3882 |
| 2 chrA2.183259A | G | 0.05267 | 4006 |
| 2 chrA2.183307A | G | 0.2749 | 3998 |
| 2 chrUn.656483A | G | 0.3078 | 4002 |
| 2 chrA2.183352G | A | 0.3208 | 3996 |
| 2 chrA2.183382A | G | 0.03982 | 3968 |
| 2 chrA2.183447A | G | 0.001996 | 4008 |
| 2 chrA2.183554A | G | 0.2194 | 3764 |
| 2 chrA2.183596A | G | 0.06775 | 4000 |
| 2 chrA2.183626A | G | 0.2132 | 3968 |
| 2 chrA2.183651G | A | 0.1309 | 4002 |
| 2 chrA2.183688G | A | 0.3133 | 4002 |
| 2 chrA2.183721G | A | 0.06497 | 4002 |
| 2 chrA2.183736A | G | 0.1618 | 3740 |
| 2 chrUn.293847G | A | 0.464 | 3998 |
| 2 chrUn.194731A | G | 0.1171 | 4004 |
| 2 chrA2.183746A | G | 0.495 | 4002 |
| 2 chrA2.183778C | A | 0.1461 | 4010 |
| 2 chrA2.183841G | A | 0.3433 | 3994 |
| 2 chrA2.183887A | G | 0.346 | 3980 |
| 2 chrA2.183928A | G | 0.02053 | 3994 |
| 2 chrA2.183961G | A | 0.005 | 4000 |
| 2 chrA2.184005A | G | 0.4408 | 3956 |

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| 2 chrA2.184055G | A | 0.3129 | 3998 |
| 2 chrA2.184081A | C | 0.2162 | 3992 |
| 2 chrA2.184107C | A | 0.4705 | 3994 |
| 2 chrC2.173420G | A | 0.1627 | 3996 |
| 2 chrA2.184137A | G | 0.0923 | 3976 |
| 2 chrA2.184187G | A | 0.3231 | 3996 |
| 2 chrA2.184225C | A | 0.001247 | 4010 |
| 2 chrA2.184245A | G | 0.205 | 4004 |
| 2 chrA2.184279G | A | 0.3097 | 3994 |
| 2 chrA2.184329G | A | 0.3576 | 3948 |
| 2 chrA2.184407G | A | 0.2905 | 3990 |
| 2 chrA2.184445C | A | 0.2788 | 3988 |
| 2 chrA2.184520A | G | 0.3724 | 3996 |
| 2 chrA2.184575A | G | 0.0122 | 3934 |
| 2 chrA2.184635A | C | 0.4407 | 3964 |
| 2 chrA2.184655A | C | 0.0009985 | 4006 |
| 2 chrA2.184707G | A | 0.3009 | 3998 |
| 2 chrA2.184749G | A | 0.2443 | 4004 |
| 2 chrD4.636120A | G | 0.3188 | 3996 |
| 2 chrA2.184845A | G | 0.2089 | 3998 |
| 2 chrA2.184898G | A | 0.07505 | 3984 |
| 2 chrA2.184926C | A | 0.3982 | 3978 |
| 2 chrA2.184969A | G | 0.2386 | 3998 |
| 2 chrA2.185021A | G | 0.3608 | 3914 |
| 2 chrA2.185060A | G | 0.245 | 3968 |
| 2 chrA2.185136G | A | 0.1724 | 4008 |
| 2 chrA2.185190A | G | 0.3249 | 3734 |
| 2 chrA2.185249A | G | 0.1577 | 3996 |
| 2 chrA2.185284G | A | 0.4035 | 4000 |
| 2 chrA2.185360A | G | 0.4194 | 3996 |
| 2 chrA2.185427A | G | 0.146 | 4000 |
| 2 chrUn.609901A | G | 0.2908 | 3954 |
| 2 chrA2.185456A | G | 0.1273 | 3960 |
| 2 chrA2.185505A | G | 0.4458 | 3982 |
| 2 chrA2.185621G | A | 0.4241 | 3992 |
| 2 chrA2.185630G | A | 0.1309 | 4004 |
| 2 chrA2.185667G | A | 0.0362 | 3978 |
| 2 chrA2.185698C | A | 0.003242 | 4010 |
| 2 chrA2.185725C | A | 0.1019 | 3906 |
| 2 chrA2.185757A | G | 0.4041 | 3992 |
| 2 chrA2.185805C | A | 0.3124 | 3998 |

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| 2 chrA2.185831A | G | 0.3718 | 4000 |
| 2 chrA2.185888G | A | 0.09581 | 4008 |
| 2 chrA2.185919A | G | 0.4081 | 3982 |
| 2 chrA2.185949G | A | 0.3304 | 4004 |
| 2 chrA2.185969G | A | 0.005767 | 3988 |
| 2 chrA2.186004A | G | 0.4401 | 4006 |
| 2 chrA2.186008 | 0 A | 0 | 4006 |
| 2 chrA2.186081G | A | 0.3278 | 3948 |
| 2 chrA2.186121A | G | 0.4198 | 3852 |
| 2 chrA2.186169A | G | 0.1595 | 4006 |
| 2 chrA2.186209G | A | 0.1438 | 3998 |
| 2 chrA2.186263A | G | 0.08134 | 4008 |
| 2 chrA2.186308A | C | 0.3753 | 3770 |
| 2 chrA2.186467G | A | 0.2194 | 3998 |
| 2 chrA2.186519A | C | 0.07884 | 4008 |
| 2 chrA2.186578G | A | 0.4059 | 3974 |
| 2 chrA2.186614A | C | 0.2161 | 4002 |
| 2 chrA2.186670A | C | 0.1915 | 3994 |
| 2 chrA2.186696A | G | 0.2053 | 4008 |
| 2 chrA2.186737A | G | 0.2595 | 3984 |
| 2 chrA2.186789A | G | 0.0465 | 4000 |
| 2 chrA2.186832A | G | 0.4312 | 3980 |
| 2 chrA2.186880G | A | 0.06608 | 4010 |
| 2 chrA2.186952C | A | 0.2808 | 3988 |
| 2 chrA2.186954G | A | 0.1784 | 3890 |
| 2 chrA2.186959A | C | 0.1479 | 3990 |
| 2 chrA2.187109A | G | 0.4395 | 3952 |
| 2 chrA2.187154A | G | 0.003242 | 4010 |
| 2 chrA2.187182A | G | 0.1614 | 3996 |
| 2 chrA2.187210G | A | 0.3383 | 4008 |
| 2 chrA2.187266A | G | 0.3255 | 3938 |
| 2 chrA2.187303A | G | 0.301 | 3924 |
| 2 chrA2.187381A | C | 0.4372 | 3984 |
| 2 chrA2.187434A | G | 0.2515 | 3972 |
| 2 chrA2.187534A | G | 0.2627 | 4008 |
| 2 chrA2.187579C | A | 0.3488 | 3934 |
| 2 chrA2.187600A | G | 0.1872 | 3986 |
| 2 chrA2.187639G | A | 0.0741 | 4008 |
| 2 chrA2.187653 | 0 A | 0 | 4006 |
| 2 chrA2.187736A | G | 0.2019 | 3968 |
| 2 chrA2.187781A | G | 0.2812 | 4000 |

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| 2 chrA2.18781 | A | G | 0.3695 | 3970 |
| 2 chrA2.18786 | A | G | 0.2516 | 4010 |
| 2 chrA2.18789 | G | A | 0.09295 | 4002 |
| 2 chrA2.18793 | A | G | 0.1178 | 4000 |
| 2 chrA2.18799 | A | C | 0.0005028 | 3978 |
| 2 chrA2.18806 | G | A | 0.08946 | 3946 |
| 2 chrA2.18813 | A | C | 0.3842 | 3946 |
| 2 chrA2.18823 | A | G | 0.2947 | 4008 |
| 2 chrA2.18824 | G | A | 0.03425 | 4000 |
| 2 chrA2.18829 | A | G | 0.1749 | 4008 |
| 2 chrA2.18834 | G | A | 0.1648 | 3992 |
| 2 chrUn.44207 | A | G | 0.4415 | 4002 |
| 2 chrUn.71620 | A | G | 0.257 | 3980 |
| 2 chrA2.18838 | G | A | 0.1974 | 4002 |
| 2 chrA2.18842 | A | G | 0.2139 | 3970 |
| 2 chrA2.18845 | A | G | 0.2188 | 4004 |
| 2 chrA2.18850 | A | G | 0.2235 | 4000 |
| 2 chrA2.18853 | C | A | 0.1433 | 3984 |
| 2 chrA2.18856 | A | G | 0.2383 | 4004 |
| 2 chrA2.18866 | G | A | 0.06618 | 4004 |
| 2 chrA2.18876 | G | A | 0.2095 | 4004 |
| 2 chrA2.18883 | A | G | 0.1039 | 4002 |
| 2 chrA2.18886 | G | A | 0.02574 | 4002 |
| 2 chrA2.18891 | A | C | 0.04637 | 3990 |
| 2 chrA2.18894 | A | G | 0.0102 | 3920 |
| 2 chrA2.18904 | G | A | 0.1384 | 3996 |
| 2 chrA2.18905 | G | A | 0.3086 | 3986 |
| 2 chrA2.18907 | A | C | 0.4067 | 4000 |
| 2 chrA2.18913 | G | A | 0.468 | 4004 |
| 2 chrA2.18918 | G | A | 0.3811 | 3910 |
| 2 chrA2.18919 | A | G | 0.0002494 | 4010 |
| 2 chrA2.18921 | G | A | 0.4805 | 3998 |
| 2 chrA2.18924 | A | G | 0.1494 | 4004 |
| 2 chrA2.18927 | A | G | 0.06732 | 3996 |
| 2 chrA2.18932 | A | G | 0.4297 | 3900 |
| 2 chrUn.42421 | A | G | 0.2208 | 4000 |
| 2 chrA2.18941 | | 0 A | 0 | 4006 |
| 2 chrA2.18944 | A | C | 0.2178 | 4008 |
| 2 chrA2.18948 | G | A | 0.2604 | 4002 |
| 2 chrA2.18951 | A | G | 0.1382 | 4002 |
| 2 chrA2.18955 | G | A | 0.2722 | 4004 |

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| 2 chrA2.189644G | A | 0.2292 | 3984 |
| 2 chrA2.189676A | G | 0.3721 | 4010 |
| 2 chrA2.189702A | G | 0.3397 | 3956 |
| 2 chrA2.189730A | G | 0.3694 | 3790 |
| 2 chrA2.189775G | A | 0.1588 | 4006 |
| 2 chrA2.189811A | G | 0.1048 | 3930 |
| 2 chrA2.189863G | A | 0.1596 | 3846 |
| 2 chrA2.189912G | A | 0.4595 | 3996 |
| 2 chrA2.189960A | G | 0.1715 | 3994 |
| 2 chrA2.190017A | G | 0.4397 | 3998 |
| 2 chrA2.190041A | G | 0.2709 | 3976 |
| 2 chrA2.190121A | G | 0.249 | 4000 |
| 2 chrA2.190147A | G | 0.03327 | 3998 |
| 2 chrA2.190204A | G | 0.08533 | 4008 |
| 2 chrA2.190241A | G | 0.1335 | 4008 |
| 2 chrA2.190278G | A | 0.05586 | 4010 |
| 2 chrA2.190304A | C | 0.1419 | 3918 |
| 2 chrA2.190324C | A | 0.1448 | 3818 |
| 2 chrA2.190361G | A | 0.24 | 3996 |
| 2 chrA2.190394A | G | 0.4629 | 3992 |
| 2 chrA2.190428G | A | 0.2986 | 4002 |
| 2 chrA2.190463A | G | 0.03182 | 3740 |
| 2 chrA2.190516A | G | 0.2481 | 4006 |
| 2 chrUn.779219G | A | 0.4634 | 3986 |
| 2 chrA2.190560A | C | 0.247 | 4004 |
| 2 chrA3.101259A | G | 0.169 | 3822 |
| 2 chrA2.190610G | A | 0.4025 | 4010 |
| 2 chrA2.190665C | A | 0.1991 | 4008 |
| 2 chrA2.190720A | G | 0.0494 | 3664 |
| 2 chrA2.190751A | G | 0.2862 | 3994 |
| 2 chrA2.190804A | G | 0.2776 | 3984 |
| 2 chrA2.190829C | A | 0.3941 | 4002 |
| 2 chrA2.190873G | A | 0.07143 | 4004 |
| 2 chrA2.190925A | G | 0.05825 | 4000 |
| 2 chrA2.190969C | A | 0.0255 | 3922 |
| 2 chrA2.191081A | G | 0.4412 | 3998 |
| 2 chrA2.191146C | A | 0.2477 | 3996 |
| 2 chrA2.191193A | C | 0.08021 | 4002 |
| 2 chrA2.191234G | A | 0.2779 | 3912 |
| 2 chrA2.191261G | A | 0.2024 | 4006 |
| 2 chrA2.191286A | G | 0.1695 | 3976 |

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| 2 chrA2.191342A | G | 0.3704 | 3998 |
| 2 chrA2.191382G | A | 0.4061 | 4006 |
| 2 chrA2.191415A | G | 0.08159 | 4008 |
| 2 chrA2.191459A | G | 0.186 | 4000 |
| 2 chrA2.191489G | A | 0.07721 | 3976 |
| 2 chrA2.191569A | G | 0.3606 | 3988 |
| 2 chrA2.191599A | G | 0.3042 | 3988 |
| 2 chrA2.191627A | G | 0.03217 | 4010 |
| 2 chrA2.191659G | A | 0.04269 | 4006 |
| 2 chrA2.191741G | A | 0.2505 | 3984 |
| 2 chrA2.191769G | A | 0.45 | 4002 |
| 2 chrUn.38487G | A | 0.3408 | 4002 |
| 2 chrA2.191799C | A | 0.3083 | 3990 |
| 2 chrA2.191870A | G | 0.3729 | 3996 |
| 2 chrA2.191899A | G | 0.2111 | 4008 |
| 2 chrA2.191977A | G | 0.1601 | 3978 |
| 2 chrA2.192006G | A | 0.3376 | 4008 |
| 2 chrA2.192049G | A | 0.2805 | 4000 |
| 2 chrA2.192092A | G | 0.1163 | 3896 |
| 2 chrA2.192179G | A | 0.4315 | 3970 |
| 2 chrA2.192219A | G | 0.3919 | 4006 |
| 2 chrA2.192278C | A | 0.3121 | 3992 |
| 2 chrA2.192326A | G | 0.3962 | 3998 |
| 2 chrA2.192387C | A | 0.2223 | 3940 |
| 2 chrA2.192438G | A | 0.2726 | 4002 |
| 2 chrA2.192512G | A | 0.3239 | 3980 |
| 2 chrA2.192561A | G | 0.3862 | 3980 |
| 2 chrA2.192591A | G | 0.2096 | 3888 |
| 2 chrA2.192618A | C | 0.2299 | 4002 |
| 2 chrA2.192669A | G | 0.1211 | 4006 |
| 2 chrA2.192759A | G | 0.3575 | 4000 |
| 2 chrA2.192831A | G | 0.2682 | 3934 |
| 2 chrA2.192897A | G | 0.2905 | 4000 |
| 2 chrA2.192940G | A | 0.3408 | 3996 |
| 2 chrA2.193021A | G | 0.3691 | 3972 |
| 2 chrA2.193060A | G | 0.03497 | 3718 |
| 2 chrA2.193104G | A | 0.2889 | 3970 |
| 2 chrA2.193146G | A | 0.2974 | 4002 |
| 2 chrA2.193242A | G | 0.4411 | 4008 |
| 2 chrA2.193288G | A | 0.2968 | 3986 |
| 2 chrA2.193351A | G | 0.1633 | 3998 |

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| 2 chrA2.193395 | 0 G | 0 | 4010 |
| 2 chrA2.193416 | A | 0.4165 | 3998 |
| 2 chrA2.193456 | A | 0.3046 | 3930 |
| 2 chrA3.121197 | A | 0.4677 | 3780 |
| 2 chrA2.193531 | A | 0.09703 | 3968 |
| 2 chrA2.193567 | G | 0.28 | 3968 |
| 2 chrA2.193639 | C | 0.093 | 4000 |
| 2 chrA2.193674 | A | 0.4419 | 4008 |
| 2 chrA2.193749 | C | 0.4447 | 3994 |
| 2 chrA2.193786 | A | 0.4355 | 3966 |
| 2 chrA2.193809 | G | 0.3425 | 4006 |
| 2 chrA2.193875 | G | 0.2515 | 3968 |
| 2 chrA2.193925 | C | 0.04443 | 3714 |
| 2 chrUn.808416 | G | 0.3185 | 3812 |
| 2 chrA2.194136 | A | 0.3134 | 3956 |
| 2 chrA2.194146 | A | 0.08287 | 3982 |
| 2 chrA2.194178 | C | 0.001248 | 4008 |
| 2 chrA2.194376 | A | 0.1191 | 3998 |
| 2 chrA2.194446 | G | 0.1764 | 3996 |
| 2 chrA2.194502 | A | 0.3033 | 3986 |
| 2 chrA2.194641 | G | 0.2327 | 3996 |
| 2 chrA2.194686 | G | 0.3263 | 3996 |
| 2 chrA2.194756 | G | 0.2543 | 3972 |
| 2 chrA2.194775 | G | 0.276 | 4004 |
| 2 chrA2.194904 | A | 0.2077 | 4000 |
| 2 chrA2.195016 | C | 0.3409 | 3998 |
| 2 chrA2.195063 | G | 0.234 | 3974 |
| 2 chrA2.195141 | G | 0.3503 | 4002 |
| 2 chrA2.195235 | G | 0.3463 | 3904 |
| 2 chrA2.195389 | A | 0.2788 | 3964 |
| 2 chrA2.195521 | G | 0.3255 | 3976 |
| 2 chrA2.195577 | G | 0.437 | 3998 |
| 2 chrA2.195648 | A | 0.2959 | 3998 |
| 2 chrA2.195678 | C | 0.3006 | 3926 |
| 2 chrA2.195711 | G | 0.3648 | 3988 |
| 2 chrA2.195826 | C | 0.08904 | 3998 |
| 2 chrA2.195844 | A | 0.01771 | 4010 |
| 2 chrA2.195881 | A | 0.03719 | 4006 |
| 2 chrA2.195916 | C | 0.3088 | 3974 |
| 2 chrUn.313936 | G | 0.3685 | 4000 |
| 2 chrA2.195981 | G | 0.01449 | 4002 |

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|-----------------|---|----------|------|
| 2 chrA2.195997G | A | 0.004332 | 3924 |
| 2 chrA2.196042A | G | 0.2966 | 3854 |
| 2 chrA2.196068A | G | 0.2811 | 3636 |
| 2 chrA2.196116A | G | 0.03077 | 3900 |
| 2 chrA2.196145A | G | 0.1449 | 3996 |
| 2 chrA2.196218A | G | 0.1728 | 3994 |
| 2 chrA2.196268G | A | 0.1733 | 4004 |
| 2 chrA2.196316A | G | 0.1746 | 3980 |
| 2 chrA2.196380G | A | 0.2514 | 3986 |
| 2 chrA2.196407G | A | 0.2663 | 3770 |
| 2 chrUn.632220A | G | 0.1144 | 3942 |
| 2 chrA2.196432A | C | 0.004791 | 3966 |
| 2 chrA2.196464G | A | 0.1481 | 3984 |
| 2 chrA2.196524G | A | 0.4232 | 4008 |
| 2 chrA2.196577A | G | 0.2196 | 3976 |
| 2 chrA2.196606A | G | 0.15 | 3966 |
| 2 chrA2.196643A | G | 0.4005 | 3998 |
| 2 chrA2.196672C | A | 0.1437 | 3988 |
| 2 chrA2.196741A | G | 0.1146 | 3996 |
| 2 chrA2.196746G | A | 0.1198 | 4000 |
| 2 chrA2.196804G | A | 0.1276 | 4004 |
| 2 chrA2.196830G | A | 0.4578 | 4002 |
| 2 chrA2.196947A | C | 0.1075 | 3982 |
| 2 chrA2.196991C | A | 0.009764 | 3892 |
| 2 chrA2.197043A | G | 0.05146 | 3984 |
| 2 chrA2.197109A | G | 0.1168 | 3980 |
| 2 chrA2.197151A | G | 0.4778 | 4000 |
| 2 chrA2.197194A | G | 0.1777 | 3956 |
| 2 chrA2.197206C | A | 0.4333 | 4000 |
| 2 chrA2.197233C | A | 0.2176 | 3910 |
| 2 chrA2.197258A | G | 0.1771 | 3976 |
| 2 chrA2.197304G | A | 0.03975 | 4000 |
| 2 chrA2.197385C | A | 0.1091 | 3998 |
| 2 chrA2.197529A | G | 0.1254 | 4004 |
| 2 chrA2.197570G | A | 0.1787 | 3990 |
| 2 chrA2.197593A | G | 0.1866 | 3998 |
| 2 chrA2.197649C | A | 0.2842 | 3994 |
| 2 chrA2.197676G | A | 0.4885 | 4006 |
| 2 chrA2.197725A | G | 0.1584 | 4002 |
| 2 chrA2.197738G | A | 0.1715 | 4006 |
| 2 chrA2.197753G | A | 0.4063 | 3990 |

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|-----------------|---|---------|------|
| 2 chrA2.197810A | G | 0.3441 | 3944 |
| 2 chrA2.197849G | A | 0.1671 | 3998 |
| 2 chrA2.197919G | A | 0.07513 | 3860 |
| 2 chrA2.197947A | G | 0.3051 | 3904 |
| 2 chrA2.197988A | G | 0.1528 | 4004 |
| 2 chrA2.198084A | G | 0.05542 | 4006 |
| 2 chrA2.198117A | G | 0.3379 | 3998 |
| 2 chrA2.198169A | G | 0.4219 | 3856 |
| 2 chrA2.198227A | G | 0.4044 | 3956 |
| 2 chrA2.198256A | G | 0.3203 | 3996 |
| 2 chrA2.198287A | G | 0.31 | 3942 |
| 2 chrA2.198317A | C | 0.1951 | 3860 |
| 2 chrA2.198366A | G | 0.3751 | 3986 |
| 2 chrA2.198430A | G | 0.05879 | 3742 |
| 2 chrA2.198468G | A | 0.347 | 3994 |
| 2 chrA2.198537A | G | 0.1943 | 4000 |
| 2 chrA2.198578G | A | 0.1789 | 3884 |
| 2 chrA2.198630G | A | 0.2305 | 3982 |
| 2 chrA2.198690A | G | 0.2883 | 3944 |
| 2 chrA2.198728G | A | 0.1903 | 3984 |
| 2 chrA2.198817A | G | 0.2167 | 3650 |
| 2 chrA2.198858G | A | 0.1969 | 3916 |
| 2 chrA2.198906G | A | 0.4457 | 3848 |
| 2 chrA2.199019C | A | 0.1223 | 4006 |
| 2 chrA2.199078A | C | 0.0822 | 3978 |
| 2 chrA2.199109G | A | 0.2605 | 3984 |
| 2 chrA2.199134G | A | 0.2983 | 3996 |
| 2 chrA2.199139G | A | 0.281 | 3990 |
| 2 chrA2.199187A | G | 0.1873 | 3956 |
| 2 chrA2.199251A | G | 0.4394 | 3992 |
| 2 chrA2.199309G | A | 0.271 | 3982 |
| 2 chrA2.199339A | G | 0.1422 | 3868 |
| 2 chrA2.199368G | A | 0.09216 | 4004 |
| 2 chrA2.199397A | G | 0.2659 | 3994 |
| 2 chrA2.199524A | G | 0.1427 | 4008 |
| 2 chrA2.199591G | A | 0.02082 | 3890 |
| 2 chrA2.199662G | A | 0.2086 | 3754 |
| 2 chrA2.199701G | A | 0.0851 | 3972 |
| 2 chrA2.199727A | G | 0.05869 | 3612 |
| 2 chrA2.199787G | A | 0.265 | 4008 |
| 2 chrA2.199814C | A | 0.1017 | 4010 |

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|----------------|---|-----------|------|
| 2 chrA2.19987A | C | 0.4534 | 3992 |
| 2 chrA2.19996C | A | 0.4508 | 3900 |
| 2 chrA2.20001G | A | 0.0861 | 3740 |
| 2 chrA2.20013C | A | 0.1478 | 3998 |
| 2 chrA2.20019A | C | 0.1441 | 3914 |
| 2 chrA2.20022C | G | 0.1219 | 3682 |
| 2 chrA2.20026C | A | 0.3424 | 3998 |
| 2 chrA2.20030G | G | 0.006234 | 4010 |
| 2 chrA2.20033G | A | 0.1791 | 4008 |
| 2 chrA2.20036C | A | 0.1787 | 3956 |
| 2 chrA2.20042C | A | 0.4018 | 3980 |
| 2 chrA2.20046A | G | 0.2295 | 4004 |
| 2 chrA2.20049C | A | 0.1148 | 4000 |
| 2 chrA2.20052G | A | 0.0494 | 4008 |
| 2 chrA2.20054A | G | 0.1989 | 4008 |
| 2 chrA2.20060A | G | 0.07625 | 4000 |
| 2 chrA2.20069A | G | 0.1143 | 4006 |
| 2 chrA2.20073C | A | 0.1786 | 4004 |
| 2 chrA2.20086A | G | 0.06743 | 4004 |
| 2 chrA2.20089C | A | 0.3192 | 4004 |
| 2 chrA2.20095A | C | 0.4078 | 4002 |
| 2 chrA2.20100A | G | 0.001995 | 4010 |
| 2 chrA2.20108C | A | 0.3033 | 4002 |
| 2 chrA2.20112A | C | 0.06316 | 4006 |
| 2 chrA2.20114G | A | 0.00575 | 4000 |
| 2 chrUn.51847A | G | 0.001995 | 4010 |
| 2 chrA2.20119G | A | 0.06247 | 4002 |
| 2 chrUn.73833C | A | 0.2549 | 3802 |
| 2 chrA2.20123A | G | 0.1096 | 4004 |
| 2 chrA2.20126A | G | 0.3316 | 3938 |
| 2 chrA2.20136A | G | 0.0004988 | 4010 |
| 2 chrA2.20141G | A | 0.06606 | 3936 |
| 2 chrA2.20143A | G | 0.2649 | 3956 |
| 2 chrA2.20150G | A | 0.1777 | 4000 |
| 2 chrA2.20153A | G | 0.1458 | 4006 |
| 2 chrA2.20158C | C | 0.3662 | 3962 |
| 2 chrA2.20165C | G | 0.3666 | 3988 |
| 2 chrA2.20168G | A | 0.4292 | 3926 |
| 2 chrA2.20171C | A | 0.09162 | 3984 |
| 2 chrA2.20176A | G | 0.3577 | 3998 |
| 2 chrA2.20180G | A | 0.4319 | 3982 |

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|-----------------|---|----------|------|
| 2 chrA2.201849A | G | 0.07664 | 4006 |
| 2 chrA2.201917G | A | 0.4958 | 4006 |
| 2 chrA2.201951A | G | 0.07875 | 4000 |
| 2 chrA2.202039A | G | 0.256 | 3820 |
| 2 chrA2.202079G | A | 0.2097 | 3968 |
| 2 chrA2.202109A | G | 0.271 | 4004 |
| 2 chrA2.202159A | G | 0.3329 | 4004 |
| 2 chrA2.202199A | G | 0.1303 | 3992 |
| 2 chrA2.202228G | A | 0.2718 | 4006 |
| 2 chrA2.202271A | G | 0.3788 | 3984 |
| 2 chrA2.202319A | G | 0.07032 | 4010 |
| 2 chrA2.202351G | A | 0.3957 | 3998 |
| 2 chrA2.202376A | G | 0.4459 | 3916 |
| 2 chrA2.202407A | G | 0.1314 | 3994 |
| 2 chrA2.202436G | A | 0.322 | 3966 |
| 2 chrA2.202486G | A | 0.3653 | 4000 |
| 2 chrA2.202498G | A | 0.06739 | 3962 |
| 2 chrA2.202539G | A | 0.03246 | 3820 |
| 2 chrA2.202571G | A | 0.1409 | 4002 |
| 2 chrA2.202629A | G | 0.4607 | 3998 |
| 2 chrA2.202649A | G | 0.08621 | 4002 |
| 2 chrA2.202679A | G | 0.1156 | 4004 |
| 2 chrA2.202737G | A | 0.2592 | 4004 |
| 2 chrA2.202760A | G | 0.03209 | 3740 |
| 2 chrA2.202787C | A | 0.006027 | 3982 |
| 2 chrA2.202797G | A | 0.2918 | 3972 |
| 2 chrA2.202859A | C | 0.04865 | 4008 |
| 2 chrA2.202887C | A | 0.3637 | 3998 |
| 2 chrA2.202917G | A | 0.04541 | 3986 |
| 2 chrA2.202967A | G | 0.07934 | 4008 |
| 2 chrUn.348537A | G | 0.3179 | 4008 |
| 2 chrA2.202987A | G | 0.179 | 3910 |
| 2 chrA2.203027A | G | 0.4635 | 4002 |
| 2 chrA2.203128A | G | 0.03721 | 4004 |
| 2 chrA2.203159G | A | 0.03277 | 3998 |
| 2 chrA2.203220G | A | 0.3742 | 3990 |
| 2 chrA2.203276G | A | 0.06209 | 3994 |
| 2 chrA2.203309A | G | 0.0507 | 4004 |
| 2 chrA2.203349A | G | 0.01829 | 3992 |
| 2 chrA2.203409G | A | 0.05947 | 4002 |
| 2 chrA2.203477A | G | 0.2823 | 3840 |

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| 2 chrA2.203555A | G | 0.2165 | 4004 |
| 2 chrA2.203595C | A | 0.1777 | 3928 |
| 2 chrA2.203620A | C | 0.002743 | 4010 |
| 2 chrA2.203625G | A | 0.4291 | 3964 |
| 2 chrA2.203660C | A | 0.4283 | 3948 |
| 2 chrA2.203707A | G | 0.248 | 3980 |
| 2 chrA2.203762A | G | 0.02846 | 4006 |
| 2 chrA2.203815A | G | 0.1466 | 4004 |
| 2 chrA2.203854A | G | 0.2142 | 4000 |
| 2 chrA2.203881A | G | 0.2675 | 3982 |
| 2 chrA2.203917A | G | 0.04502 | 3976 |
| 2 chrA2.133132A | G | 0.06933 | 4010 |
| 2 chrA2.203988G | A | 0.3043 | 3966 |
| 2 chrA2.204021G | A | 0.28 | 3972 |
| 2 chrA2.204055A | G | 0.3315 | 3870 |
| 2 chrA2.204080A | G | 0.3948 | 4000 |
| 2 chrA2.204147A | G | 0.4576 | 3966 |
| 2 chrA2.204198G | A | 0.236 | 4000 |
| 2 chrA2.204224G | A | 0.2495 | 3956 |
| 2 chrA2.204292G | A | 0.1073 | 3998 |
| 2 chrA2.204322G | A | 0.1985 | 3964 |
| 2 chrUn.677813G | A | 0.4497 | 3938 |
| 2 chrA2.204358G | A | 0.4834 | 3852 |
| 2 chrA2.204377A | G | 0.1687 | 3824 |
| 2 chrA2.204391G | A | 0.06144 | 4004 |
| 2 chrA2.204418A | G | 0.3596 | 4002 |
| 2 chrA2.204450A | G | 0.1754 | 3946 |
| 2 chrA2.204474G | A | 0.02519 | 4010 |
| 2 chrA2.204518A | C | 0.1806 | 3970 |
| 2 chrA2.159878A | C | 0.1807 | 3990 |
| 2 chrA2.204555C | A | 0.1141 | 3944 |
| 2 chrA2.204598A | G | 0.2466 | 3950 |
| 2 chrA2.204647G | A | 0.1744 | 3986 |
| 2 chrA2.204685G | A | 0.2138 | 3994 |
| 2 chrA2.204720A | G | 0.2076 | 4002 |
| 2 chrUn14.3874G | A | 0.05491 | 3970 |
| 2 chrUn14.3923G | A | 0.1698 | 3892 |
| 2 chrUn14.3950A | G | 0.02651 | 3998 |
| 2 chrUn14.3973A | G | 0.03427 | 3998 |
| 2 chrUn14.4000C | A | 0.2277 | 3970 |
| 2 chrUn14.4097A | G | 0.1724 | 3870 |

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| 2 chrUn14.413:A | G | 0.0255 | 4000 |
| 2 chrUn.71982:A | C | 0.1737 | 4002 |
| 2 chrUn14.416(G | A | 0.2465 | 3968 |
| 2 chrUn14.418:A | G | 0.01805 | 3878 |
| 2 chrUn14.419! | 0 A | 0 | 4006 |
| 2 chrUn14.422(A | C | 0.2437 | 3898 |
| 2 chrUn14.428:A | G | 0.2026 | 3994 |
| 2 chrUn14.432(A | G | 0.1939 | 4008 |
| 2 chrUn14.438(G | A | 0.1891 | 4004 |
| 2 chrUn14.442(G | A | 0.06088 | 4008 |
| 2 chrUn14.445:A | G | 0.1263 | 3982 |
| 2 chrUn14.449:A | G | 0.07124 | 3888 |
| 2 chrUn14.455:G | A | 0.2734 | 4002 |
| 2 chrUn14.457:A | G | 0.1626 | 4004 |
| 2 chrUn14.465(G | A | 0.1622 | 4008 |
| 2 chrUn14.469:A | G | 0.1612 | 3990 |
| 2 chrUn14.472:G | A | 0.49 | 4000 |
| 2 chrUn14.480:G | A | 0.09411 | 4006 |
| 2 chrUn14.484:A | G | 0.442 | 3984 |
| 2 chrUn14.489(G | A | 0.4199 | 3910 |
| 2 chrUn14.492(A | C | 0.3545 | 4006 |
| 2 chrUn14.504:A | G | 0.4688 | 3978 |
| 2 chrUn14.507:A | G | 0.2101 | 3998 |
| 2 chrUn14.512:G | A | 0.2804 | 3970 |
| 2 chrUn14.516:G | A | 0.4897 | 3998 |
| 2 chrUn14.521:A | G | 0.009789 | 3984 |
| 2 chrUn14.528:A | G | 0.1996 | 3992 |
| 2 chrUn14.530:C | A | 0.1998 | 3998 |
| 2 chrUn14.533:A | G | 0.2827 | 4008 |
| 2 chrUn14.539:G | A | 0.4295 | 3986 |
| 2 chrUn14.547(G | A | 0.08583 | 3938 |
| 2 chrUn14.551(A | G | 0.03995 | 3980 |
| 2 chrUn14.555:A | G | 0.3775 | 4000 |
| 2 chrUn14.558:G | A | 0.3476 | 4002 |
| 2 chrUn14.565:A | G | 0.04491 | 4008 |
| 2 chrUn14.571:C | A | 0.3939 | 4004 |
| 2 chrUn14.574:G | A | 0.3684 | 4006 |
| 2 chrUn14.581(G | A | 0.1149 | 4002 |
| 2 chrUn14.585:A | G | 0.489 | 3992 |
| 2 chrUn14.587:G | A | 0.03323 | 4002 |
| 2 chrUn14.590: | 0 G | 0 | 4010 |

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|-----------------|-----|----------|------|
| 2 chrUn14.5951 | 0 A | 0 | 4008 |
| 2 chrUn14.5961A | G | 0.4531 | 3920 |
| 2 chrA2.227374A | G | 0.01574 | 4002 |
| 2 chrA2.227403A | C | 0.416 | 3990 |
| 2 chrA2.227418G | A | 0.001763 | 3970 |
| 2 chrA2.227430G | A | 0.4706 | 3986 |
| 2 chrA2.227464A | G | 0.3065 | 4006 |
| 2 chrA2.227501A | G | 0.2196 | 4002 |
| 2 chrA2.227539C | A | 0.1683 | 3998 |
| 2 chrA2.227582A | G | 0.07096 | 4002 |
| 2 chrA2.227627C | A | 0.1563 | 4004 |
| 2 chrA2.227666G | A | 0.05611 | 3992 |
| 2 chrA2.227691A | G | 0.2028 | 3950 |
| 2 chrA2.227731A | G | 0.02221 | 4008 |
| 2 chrA2.227757G | A | 0.006326 | 3952 |
| 2 chrA2.227826A | G | 0.2983 | 3996 |
| 2 chrA2.227910G | A | 0.3796 | 3994 |
| 2 chrA2.227931A | G | 0.2759 | 3954 |
| 2 chrA2.227960A | G | 0.4759 | 3984 |
| 2 chrA2.228006A | C | 0.4382 | 3994 |
| 2 chrA2.228035A | C | 0.343 | 3994 |
| 2 chrE2.744510G | A | 0.4269 | 3994 |
| 2 chrA2.228069G | A | 0.2648 | 3992 |
| 2 chrE2.744145G | A | 0.2655 | 4004 |
| 2 chrE2.743423A | G | 0.3329 | 3986 |
| 2 chrE2.742928G | A | 0.4266 | 4006 |
| 2 chrA2.228141A | G | 0.08812 | 4006 |
| 2 chrA2.228181G | A | 0.494 | 4004 |
| 2 chrA2.228217G | A | 0.4104 | 3994 |
| 2 chrA2.228255A | G | 0.228 | 4000 |
| 2 chrA2.228298A | G | 0.3954 | 4004 |
| 2 chrA2.228326A | C | 0.2161 | 3998 |
| 2 chrA2.228395C | A | 0.4495 | 3984 |
| 2 chrA2.228420C | A | 0.1197 | 3994 |
| 2 chrUn.252337G | A | 0.3488 | 4000 |
| 2 chrA2.228471A | G | 0.2345 | 4000 |
| 2 chrA2.228534A | G | 0.2197 | 3978 |
| 2 chrA2.228569A | G | 0.2543 | 3984 |
| 2 chrA2.228598A | G | 0.09411 | 4006 |
| 2 chrA2.228655G | A | 0.1673 | 3904 |
| 2 chrA2.228700A | G | 0.1443 | 3978 |

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| 2 chrA2.22874G | A | 0.1025 | 3992 |
| 2 chrA2.22877G | A | 0.1991 | 3992 |
| 2 chrA2.22881G | A | 0.005045 | 3964 |
| 2 chrA2.22883G | A | 0.1274 | 4004 |
| 2 chrA2.22887A | G | 0.4359 | 3992 |
| 2 chrA2.22892G | A | 0.1121 | 3998 |
| 2 chrA2.22895G | G | 0.1528 | 4004 |
| 2 chrUn14.371A | G | 0.1126 | 3864 |
| 2 chrUn14.368A | G | 0.3754 | 4004 |
| 2 chrUn14.364A | G | 0.191 | 3968 |
| 2 chrUn14.360G | A | 0.1562 | 4000 |
| 2 chrUn14.356G | A | 0.01193 | 3940 |
| 2 chrUn14.348A | C | 0.1815 | 3988 |
| 2 chrUn14.344A | G | 0.1397 | 3902 |
| 2 chrUn14.341A | G | 0.001761 | 3974 |
| 2 chrUn14.338A | G | 0.1623 | 4006 |
| 2 chrUn8.3474G | A | 0.1931 | 3936 |
| 2 chrUn8.2878 | 0 A | 0 | 4010 |
| 2 chrUn14.335G | A | 0.3607 | 3984 |
| 2 chrUn8.5317 A | G | 0.04023 | 3654 |
| 2 chrUn14.329G | A | 0.4113 | 4000 |
| 2 chrUn14.327A | G | 0.455 | 3996 |
| 2 chrUn14.325G | A | 0.3561 | 3990 |
| 2 chrUn14.320 | 0 C | 0 | 4010 |
| 2 chrUn14.316A | G | 0.09733 | 3976 |
| 2 chrUn14.313A | G | 0.0362 | 4006 |
| 2 chrUn14.309G | A | 0.4982 | 4000 |
| 2 chrUn14.305G | A | 0.4071 | 3994 |
| 2 chrUn14.296G | A | 0.2912 | 4008 |
| 2 chrUn14.290A | C | 0.2776 | 3992 |
| 2 chrUn14.287G | A | 0.226 | 3996 |
| 2 chrUn14.283G | A | 0.1851 | 3998 |
| 2 chrUn14.274G | A | 0.1524 | 3962 |
| 2 chrUn14.268G | A | 0.03671 | 4004 |
| 2 chrUn14.263A | C | 0.242 | 3996 |
| 2 chrUn14.261A | G | 0.3086 | 3982 |
| 2 chrUn14.254A | G | 0.2404 | 4002 |
| 2 chrUn14.252A | G | 0.1851 | 3976 |
| 2 chrUn14.249C | A | 0.4995 | 4000 |
| 2 chrUn14.240A | G | 0.2269 | 4002 |
| 2 chrUn14.234G | A | 0.2431 | 3998 |

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| 2 chrUn14.2306 | A | 0.1133 | 4008 |
| 2 chrUn14.2276 | C | 0.4077 | 3836 |
| 2 chrUn14.2234 | A | 0.3403 | 3988 |
| 2 chrUn14.2194 | A | 0.00923 | 3792 |
| 2 chrUn14.2156 | G | 0.1941 | 4004 |
| 2 chrUn14.2108 | G | 0.2356 | 3994 |
| 2 chrUn14.2057 | G | 0.3147 | 3998 |
| 2 chrUn.605274 | G | 0.409 | 3990 |
| 2 chrUn14.1999 | G | 0.2704 | 3968 |
| 2 chrUn14.1973 | A | 0.3534 | 3928 |
| 2 chrUn14.1934 | G | 0.2866 | 3988 |
| 2 chrA2.227328 | G | 0.198 | 4006 |
| 2 chrA2.227299 | A | 0.1616 | 3992 |
| 2 chrA2.227213 | A | 0.1153 | 4006 |
| 2 chrA2.227184 | A | 0.02063 | 3926 |
| 2 chrA2.227089 | G | 0.1048 | 3760 |
| 2 chrA2.227045 | A | 0.2329 | 3972 |
| 2 chrA2.227009 | C | 0.4679 | 3988 |
| 2 chrA2.226922 | G | 0.4486 | 3758 |
| 2 chrA2.226855 | G | 0.01996 | 3958 |
| 2 chrA2.226836 | A | 0.3044 | 3916 |
| 2 chrA2.226762 | A | 0.2177 | 4000 |
| 2 chrA2.226725 | G | 0.2036 | 4002 |
| 2 chrA2.226687 | G | 0.07265 | 3992 |
| 2 chrA2.226624 | A | 0.2859 | 3900 |
| 2 chrA2.226598 | A | 0.1411 | 3954 |
| 2 chrA2.226531 | A | 0.3576 | 3954 |
| 2 chrA2.226458 | G | 0.3633 | 4000 |
| 2 chrA2.226417 | C | 0.06744 | 3974 |
| 2 chrA2.226362 | C | 0.3185 | 3984 |
| 2 chrA2.226334 | A | 0.06893 | 4004 |
| 2 chrA2.226296 | C | 0.1162 | 4000 |
| 2 chrA2.226146 | G | 0.05168 | 3986 |
| 2 chrA2.226057 | A | 0.1658 | 3986 |
| 2 chrA2.226018 | A | 0.04638 | 4010 |
| 2 chrA2.225978 | G | 0.01767 | 3962 |
| 2 chrA2.225939 | C | 0.137 | 3992 |
| 2 chrA2.225903 | G | 0.2913 | 3876 |
| 2 chrA2.225862 | G | 0.06718 | 4004 |
| 2 chrA2.225801 | G | 0.0247 | 4008 |
| 2 chrA2.225757 | A | 0.3802 | 3998 |

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| 2 chrA2.225725C | A | 0.09834 | 3854 |
| 2 chrA2.225705G | A | 0.4745 | 4000 |
| 2 chrA2.225665G | A | 0.3294 | 3874 |
| 2 chrA2.225590C | A | 0.4416 | 4004 |
| 2 chrA2.225452A | G | 0.03754 | 3996 |
| 2 chrA2.225405G | A | 0.233 | 3992 |
| 2 chrA2.225376 | 0 G | 0 | 4006 |
| 2 chrA2.225366A | G | 0.3377 | 3992 |
| 2 chrA2.225335A | G | 0.2554 | 3998 |
| 2 chrA2.225202A | G | 0.1403 | 4006 |
| 2 chrA2.225168G | A | 0.2594 | 3990 |
| 2 chrA2.225101A | C | 0.1786 | 4004 |
| 2 chrA2.225077C | A | 0.1352 | 4000 |
| 2 chrA2.225027A | G | 0.1836 | 3998 |
| 2 chrA2.224999A | G | 0.1947 | 3986 |
| 2 chrA2.224897A | C | 0.3999 | 3928 |
| 2 chrA2.224811G | A | 0.09969 | 3922 |
| 2 chrA2.224752A | G | 0.2566 | 3994 |
| 2 chrA2.224681G | A | 0.4879 | 3960 |
| 2 chrA2.224639A | C | 0.2903 | 3992 |
| 2 chrA2.224595G | A | 0.1009 | 4004 |
| 2 chrA2.224541A | G | 0.06379 | 3982 |
| 2 chrA2.224498A | C | 0.4563 | 4004 |
| 2 chrA2.224461A | G | 0.07763 | 4006 |
| 2 chrA2.224418A | G | 0.3196 | 3974 |
| 2 chrA2.224356G | A | 0.247 | 3976 |
| 2 chrA2.224331A | G | 0.05894 | 4004 |
| 2 chrA2.224259C | A | 0.1449 | 4004 |
| 2 chrA2.224231G | A | 0.215 | 3990 |
| 2 chrA2.224155A | G | 0.4205 | 3998 |
| 2 chrA2.224118G | A | 0.1951 | 3988 |
| 2 chrA2.224094G | A | 0.4735 | 3994 |
| 2 chrA2.224054C | A | 0.2007 | 4006 |
| 2 chrA2.223968G | A | 0.3619 | 3728 |
| 2 chrA2.223885A | C | 0.2872 | 3990 |
| 2 chrA2.223826G | A | 0.2565 | 3996 |
| 2 chrA2.223729G | A | 0.1643 | 4000 |
| 2 chrA2.223687G | A | 0.3015 | 3980 |
| 2 chrA2.223646A | G | 0.1585 | 3980 |
| 2 chrUn.80688(A | G | 0.1768 | 4004 |
| 2 chrA2.223572G | A | 0.2144 | 4006 |

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|-----------------|---|---------|------|
| 2 chrA2.223459G | A | 0.1934 | 3908 |
| 2 chrA2.223367A | G | 0.2821 | 3860 |
| 2 chrA2.223251C | A | 0.4729 | 3992 |
| 2 chrA2.223249G | A | 0.05295 | 4004 |
| 2 chrA2.223198A | G | 0.4284 | 4006 |
| 2 chrA2.223177A | C | 0.3414 | 3998 |
| 2 chrA2.223148C | A | 0.03801 | 3946 |
| 2 chrA2.223125A | G | 0.06972 | 4002 |
| 2 chrA2.223081A | G | 0.2602 | 3986 |
| 2 chrA2.223049A | G | 0.1842 | 3888 |
| 2 chrA2.223027C | A | 0.2862 | 3690 |
| 2 chrA2.222967A | G | 0.2749 | 3998 |
| 2 chrA2.222938G | A | 0.2236 | 3926 |
| 2 chrA2.222895A | G | 0.1223 | 4006 |
| 2 chrA2.222849C | A | 0.4065 | 3998 |
| 2 chrA2.222847A | G | 0.1726 | 3888 |
| 2 chrA2.222795A | G | 0.07471 | 4002 |
| 2 chrA2.222757A | G | 0.4879 | 3954 |
| 2 chrA2.222725A | G | 0.3209 | 3992 |
| 2 chrA2.222681G | A | 0.101 | 3982 |
| 2 chrA2.222647A | G | 0.2893 | 3992 |
| 2 chrA2.222619A | G | 0.3351 | 3948 |
| 2 chrA2.222578A | G | 0.2001 | 4008 |
| 2 chrA2.222548G | A | 0.1579 | 3876 |
| 2 chrA2.222515G | A | 0.4347 | 3996 |
| 2 chrA2.222510A | G | 0.03346 | 3766 |
| 2 chrUn.300064G | A | 0.4894 | 3878 |
| 2 chrA2.222455A | G | 0.2855 | 3874 |
| 2 chrA2.222415A | G | 0.3658 | 3920 |
| 2 chrA2.222381A | G | 0.243 | 3984 |
| 2 chrA2.222281A | G | 0.1292 | 4008 |
| 2 chrA2.222257G | A | 0.1752 | 3996 |
| 2 chrA2.222240A | G | 0.1275 | 4008 |
| 2 chrA2.222180G | A | 0.05859 | 3994 |
| 2 chrA2.222091G | A | 0.4782 | 3986 |
| 2 chrA2.222058A | G | 0.3483 | 3982 |
| 2 chrD1.636888A | G | 0.2086 | 3998 |
| 2 chrA2.221979G | A | 0.1259 | 3986 |
| 2 chrA2.221946A | G | 0.4411 | 3954 |
| 2 chrA2.221917G | A | 0.349 | 3988 |
| 2 chrA2.221877A | G | 0.4839 | 3982 |

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| 2 chrA2.221775A | C | 0.2968 | 4006 |
| 2 chrA2.221719G | A | 0.05492 | 4006 |
| 2 chrA2.221691G | A | 0.4347 | 3968 |
| 2 chrA2.221586A | C | 0.08308 | 3996 |
| 2 chrA2.221559A | C | 0.1961 | 3978 |
| 2 chrA2.221534G | A | 0.2069 | 3992 |
| 2 chrA2.221490A | G | 0.1733 | 3982 |
| 2 chrA2.221464A | G | 0.05217 | 4006 |
| 2 chrA2.221410A | C | 0.2419 | 3972 |
| 2 chrA2.221360A | G | 0.493 | 3978 |
| 2 chrA2.221335A | G | 0.0307 | 4006 |
| 2 chrA2.221270G | A | 0.3422 | 4006 |
| 2 chrA2.221208G | A | 0.4319 | 3996 |
| 2 chrA2.221177G | A | 0.4987 | 3994 |
| 2 chrA2.221135A | G | 0.1312 | 4002 |
| 2 chrA2.221054A | G | 0.1278 | 3888 |
| 2 chrA2.221045 | 0 A | 0 | 4006 |
| 2 chrA2.221027A | G | 0.292 | 3952 |
| 2 chrA2.220865A | G | 0.3545 | 4000 |
| 2 chrA2.220811A | G | 0.2807 | 3986 |
| 2 chrA2.220772A | C | 0.05569 | 4004 |
| 2 chrA2.220611A | G | 0.2327 | 3970 |
| 2 chrA2.220548G | A | 0.2032 | 3982 |
| 2 chrA2.220495A | G | 0.2735 | 3982 |
| 2 chrA2.220445A | G | 0.365 | 3962 |
| 2 chrA2.220372A | G | 0.3209 | 4004 |
| 2 chrA2.220316C | A | 0.3836 | 4004 |
| 2 chrA2.220248G | A | 0.1171 | 3996 |
| 2 chrA2.220215A | G | 0.03285 | 3988 |
| 2 chrA2.220175G | A | 0.08538 | 3994 |
| 2 chrA2.220149A | G | 0.165 | 3988 |
| 2 chrA2.220045A | G | 0.1894 | 3992 |
| 2 chrA2.219994A | G | 0.1452 | 3678 |
| 2 chrA2.219919G | A | 0.09535 | 3996 |
| 2 chrA2.219867A | G | 0.1939 | 3966 |
| 2 chrA2.219828G | A | 0.1519 | 4008 |
| 2 chrA2.219785A | G | 0.09344 | 3992 |
| 2 chrA2.219749A | C | 0.3654 | 4004 |
| 2 chrA2.219714G | A | 0.1761 | 4010 |
| 2 chrA2.219680G | A | 0.3026 | 3996 |
| 2 chrA2.219655G | A | 0.2519 | 3890 |

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| 2 chrA2.219614A | G | 0.2838 | 4006 |
| 2 chrA2.219569G | A | 0.3897 | 3924 |
| 2 chrA2.219529A | G | 0.3428 | 3996 |
| 2 chrA2.219481A | C | 0.3133 | 3974 |
| 2 chrA2.219430A | C | 0.05405 | 3996 |
| 2 chrA2.219396A | G | 0.4047 | 4000 |
| 2 chrA2.219369G | A | 0.4273 | 3950 |
| 2 chrA2.219328A | G | 0.3234 | 3976 |
| 2 chrA2.219269A | C | 0.1514 | 3792 |
| 2 chrA2.219229A | G | 0.04443 | 4006 |
| 2 chrA2.219200G | A | 0.4975 | 3998 |
| 2 chrA2.219119A | G | 0.4998 | 4006 |
| 2 chrA2.219079A | G | 0.3146 | 3996 |
| 2 chrA2.219049A | G | 0.4815 | 4006 |
| 2 chrA2.219009G | A | 0.363 | 3956 |
| 2 chrA2.218940G | A | 0.3479 | 3826 |
| 2 chrA2.218909A | G | 0.4177 | 3984 |
| 2 chrA2.218831C | A | 0.3876 | 3968 |
| 2 chrA2.218791A | G | 0.04795 | 4004 |
| 2 chrA2.218769A | G | 0.2299 | 4006 |
| 2 chrA2.218719A | G | 0.1328 | 3976 |
| 2 chrA2.218681G | A | 0.4009 | 3732 |
| 2 chrA2.218641A | G | 0.401 | 3998 |
| 2 chrA2.218569A | G | 0.2486 | 4002 |
| 2 chrA2.218539C | A | 0.411 | 3988 |
| 2 chrA2.218514A | G | 0.3683 | 4002 |
| 2 chrA2.218489C | A | 0.06557 | 3996 |
| 2 chrA2.218438A | C | 0.242 | 4004 |
| 2 chrA2.218391A | G | 0.2365 | 3940 |
| 2 chrA2.218344C | A | 0.485 | 4000 |
| 2 chrA2.218249A | C | 0.09061 | 3984 |
| 2 chrUn.771589G | A | 0.4661 | 3958 |
| 2 chrA2.218229A | G | 0.4224 | 3996 |
| 2 chrA2.218157A | G | 0.1383 | 3990 |
| 2 chrA2.218131A | G | 0.1627 | 4000 |
| 2 chrUn14.1849C | A | 0.138 | 3994 |
| 2 chrUn14.1819A | G | 0.2806 | 3942 |
| 2 chrUn14.1789G | A | 0.3913 | 4002 |
| 2 chrUn.309679G | A | 0.1027 | 4002 |
| 2 chrUn14.1760A | G | 0.3025 | 3828 |
| 2 chrA2.208509A | C | 0.1629 | 4002 |

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| 2 chrA2.20844C | A | 0.07164 | 4006 |
| 2 chrA2.20841A | G | 0.4222 | 3960 |
| 2 chrA2.20836G | A | 0.06037 | 3992 |
| 2 chrA2.20825G | A | 0.2438 | 4004 |
| 2 chrA2.20823A | G | 0.0974 | 4004 |
| 2 chrA2.20820G | A | 0.4939 | 3912 |
| 2 chrA2.20819A | C | 0.3211 | 3990 |
| 2 chrA2.20815G | A | 0.4515 | 4004 |
| 2 chrA2.20812A | G | 0.09316 | 4004 |
| 2 chrA2.20807A | G | 0.2069 | 3790 |
| 2 chrA2.20803A | G | 0.364 | 3984 |
| 2 chrA2.20800G | A | 0.1014 | 4002 |
| 2 chrA2.20795A | G | 0.2885 | 4004 |
| 2 chrA2.20791G | A | 0.3316 | 3996 |
| 2 chrA2.20786A | C | 0.317 | 4006 |
| 2 chrA2.20779A | G | 0.08872 | 3990 |
| 2 chrA2.20771A | G | 0.12 | 4008 |
| 2 chrA2.20769G | A | 0.3929 | 3960 |
| 2 chrA2.20764G | A | 0.2035 | 3980 |
| 2 chrA2.20761A | G | 0.2901 | 3998 |
| 2 chrA2.20757A | C | 0.1231 | 3972 |
| 2 chrA2.20756A | G | 0.3306 | 3962 |
| 2 chrA2.20753A | G | 0.1353 | 3968 |
| 2 chrA2.20750A | G | 0.4117 | 3998 |
| 2 chrA2.20745G | A | 0.3473 | 3996 |
| 2 chrA2.20740A | G | 0.2487 | 3988 |
| 2 chrA2.20737A | G | 0.07912 | 3994 |
| 2 chrA2.20732A | G | 0.328 | 4000 |
| 2 chrA2.20728A | G | 0.1811 | 3938 |
| 2 chrA2.20720G | A | 0.1924 | 3996 |
| 2 chrA2.20715A | G | 0.3934 | 3960 |
| 2 chrA2.20709A | G | 0.3182 | 3994 |
| 2 chrA2.20700A | G | 0.2135 | 3976 |
| 2 chrA2.20696G | A | 0.03866 | 3854 |
| 2 chrA2.20690C | A | 0.1952 | 3976 |
| 2 chrUn.31821G | A | 0.2537 | 4008 |
| 2 chrA2.20678G | A | 0.07218 | 4004 |
| 2 chrA2.20675A | G | 0.08292 | 3992 |
| 2 chrA2.20668C | A | 0.04963 | 4010 |
| 2 chrA2.20664G | A | 0.4474 | 3996 |
| 2 chrA2.20659A | G | 0.07131 | 3744 |

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|-----------------|-----|---------|------|
| 2 chrA2.206524A | G | 0.2541 | 3978 |
| 2 chrA2.206501A | C | 0.4848 | 4004 |
| 2 chrA2.206474G | A | 0.03548 | 3974 |
| 2 chrA2.206434A | G | 0.08446 | 3978 |
| 2 chrA2.206401A | G | 0.3923 | 3824 |
| 2 chrA2.206361G | A | 0.1158 | 3974 |
| 2 chrA2.206332G | A | 0.0695 | 4000 |
| 2 chrA2.206298C | A | 0.3431 | 3970 |
| 2 chrA2.206252A | G | 0.1317 | 3752 |
| 2 chrA2.206220A | G | 0.01348 | 3932 |
| 2 chrA2.206176A | G | 0.4502 | 3996 |
| 2 chrA2.206134A | G | 0.08121 | 4002 |
| 2 chrA2.206101A | G | 0.2662 | 4004 |
| 2 chrA2.206065A | G | 0.1736 | 3958 |
| 2 chrA2.205981G | A | 0.07564 | 4006 |
| 2 chrA2.205934A | G | 0.3527 | 3850 |
| 2 chrA2.205897G | A | 0.3804 | 4004 |
| 2 chrA2.205856G | A | 0.1256 | 4006 |
| 2 chrA2.205830A | G | 0.08238 | 4006 |
| 2 chrA2.205804C | A | 0.3805 | 3974 |
| 2 chrA2.205794A | G | 0.06113 | 4008 |
| 2 chrA2.205784G | A | 0.09725 | 4000 |
| 2 chrA2.205778G | A | 0.1985 | 3960 |
| 2 chrA2.205725G | A | 0.4653 | 3978 |
| 2 chrA2.205690C | A | 0.04757 | 3994 |
| 2 chrA2.205651A | G | 0.01799 | 3780 |
| 2 chrA2.205603G | A | 0.2536 | 3998 |
| 2 chrA2.205578 | 0 G | 0 | 4010 |
| 2 chrA2.205522A | G | 0.02121 | 4008 |
| 2 chrA2.205499C | A | 0.1894 | 3928 |
| 2 chrA2.205407A | G | 0.09248 | 3990 |
| 2 chrA2.205376C | A | 0.122 | 4000 |
| 2 chrA2.205307G | A | 0.2572 | 4004 |
| 2 chrA2.205276G | A | 0.1727 | 3978 |
| 2 chrA2.205244A | G | 0.08034 | 4008 |
| 2 chrA2.205216A | G | 0.06014 | 3708 |
| 2 chrA2.205166A | G | 0.1998 | 3998 |
| 2 chrA2.205106A | G | 0.06113 | 4008 |
| 2 chrA2.205077A | G | 0.4908 | 4008 |
| 2 chrA2.205025G | A | 0.4804 | 3974 |
| 2 chrA2.204906A | G | 0.0997 | 3962 |

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| 2 chrA2.20489(A | C | 0.2924 | 3964 |
| 2 chrA2.20485(G | A | 0.2686 | 4002 |
| 2 chrA2.20480(A | G | 0.1198 | 4008 |
| 2 chrUn16.109(A | C | 0.1062 | 3972 |
| 2 chrUn16.108(A | G | 0.1044 | 3956 |
| 2 chrUn16.108(A | G | 0.09995 | 3952 |
| 2 chrA2.20928(A | G | 0.2589 | 3998 |
| 2 chrUn.27726(A | G | 0.2112 | 3982 |
| 2 chrX.126289(A | G | 0.2031 | 3974 |
| 2 chrUn.16918(G | A | 0.3039 | 3926 |
| 2 chrUn1.2005(A | G | 0.2222 | 3992 |
| 2 chrUn.53250(A | G | 0.4395 | 4002 |
| 2 chrUn.45887(C | A | 0.3649 | 3996 |
| 2 chrUn16.107(A | G | 0.4562 | 3926 |
| 2 chrUn16.107(A | G | 0.2579 | 4010 |
| 2 chrUn16.106(G | A | 0.01615 | 3964 |
| 2 chrUn16.106(G | A | 0.08437 | 4006 |
| 2 chrUn16.105(A | G | 0.122 | 4000 |
| 2 chrUn16.105(A | G | 0.3052 | 4004 |
| 2 chrUn16.105(A | G | 0.3399 | 3998 |
| 2 chrUn16.104(G | A | 0.4185 | 3998 |
| 2 chrUn16.104(G | A | 0.3953 | 4002 |
| 2 chrUn16.103(A | G | 0.08709 | 3996 |
| 2 chrUn16.102(A | G | 0.001249 | 4004 |
| 2 chrUn16.102(G | A | 0.3475 | 3994 |
| 2 chrUn16.101(A | G | 0.09648 | 3980 |
| 2 chrUn16.101(G | A | 0.1019 | 3994 |
| 2 chrUn16.101(A | G | 0.279 | 3978 |
| 2 chrUn16.101(A | G | 0.203 | 3986 |
| 2 chrUn16.100(G | A | 0.2783 | 3996 |
| 2 chrUn16.100(G | A | 0.3007 | 3928 |
| 2 chrUn16.992(A | C | 0.3367 | 3858 |
| 2 chrUn16.989(C | A | 0.3034 | 3804 |
| 2 chrUn16.986(C | A | 0.3676 | 3974 |
| 2 chrUn16.983(A | G | 0.000998 | 4008 |
| 2 chrUn16.981(G | A | 0.1011 | 3916 |
| 2 chrUn16.978(A | G | 0.2932 | 3922 |
| 2 chrUn16.975(G | A | 0.422 | 3988 |
| 2 chrUn16.968(A | G | 0.1848 | 3994 |
| 2 chrUn16.966(A | G | 0.06588 | 3992 |
| 2 chrUn16.960(A | G | 0.01201 | 3914 |

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|-------------------|---|---------|------|
| 2 chrUn16.956(A | G | 0.3483 | 4002 |
| 2 chrUn16.953(A | G | 0.2533 | 3932 |
| 2 chrUn16.947(A | G | 0.4125 | 4000 |
| 2 chrUn16.944(A | A | 0.4043 | 3980 |
| 2 chrUn16.944(A | C | 0.1411 | 3918 |
| 2 chrUn16.942(A | A | 0.4264 | 3966 |
| 2 chrUn16.937(A | A | 0.3164 | 3988 |
| 2 chrUn16.934(A | A | 0.07775 | 3910 |
| 2 chrUn16.931(A | A | 0.4253 | 4002 |
| 2 chrUn16.928(A | G | 0.1815 | 4006 |
| 2 chrUn16.915(A | G | 0.4782 | 3952 |
| 2 chrUn16.910(A | G | 0.3208 | 4002 |
| 2 chrUn16.905(A | G | 0.09295 | 4002 |
| 2 chrUn16.898(A | A | 0.03353 | 3996 |
| 2 chrUn16.894(A | G | 0.4018 | 3960 |
| 2 chrUn16.892(A | G | 0.0901 | 3818 |
| 2 chrUn16.885(A | G | 0.206 | 4004 |
| 2 chrUn16.884(A | G | 0.098 | 4000 |
| 2 chrUn16.878(A | A | 0.4443 | 4004 |
| 2 chrUn16.874(A | G | 0.08888 | 3994 |
| 2 chrUn16.872(A | A | 0.08317 | 3992 |
| 2 chrUn16.868(A | A | 0.4807 | 3986 |
| 2 chrUn16.866(A | G | 0.1035 | 4010 |
| 2 chrUn16.863(A | G | 0.2372 | 3840 |
| 2 chrUn16.858(A | G | 0.3831 | 3996 |
| 2 chrUn16.845(A | A | 0.2589 | 3982 |
| 2 chrUn16.842(A | G | 0.4646 | 3984 |
| 2 chrUn16.839(A | G | 0.3238 | 4002 |
| 2 chrUn16.77887(A | A | 0.3533 | 3934 |
| 2 chrUn16.829(A | G | 0.2059 | 4002 |
| 2 chrUn16.823(A | A | 0.2494 | 4002 |
| 2 chrUn16.817(A | G | 0.1623 | 4004 |
| 2 chrUn16.811(A | A | 0.294 | 4000 |
| 2 chrUn16.805(A | G | 0.1281 | 3996 |
| 2 chrA2.28703(A | A | 0.0795 | 4000 |
| 2 chrUn16.797(A | G | 0.07861 | 3956 |
| 2 chrUn16.790(A | A | 0.4968 | 4006 |
| 2 chrUn16.784(A | A | 0.1601 | 4004 |
| 2 chrUn16.779(A | G | 0.1388 | 4000 |
| 2 chrUn16.772(A | G | 0.1139 | 3978 |
| 2 chrUn16.768(A | A | 0.2928 | 3996 |

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|-----------------|-----|---------|------|
| 2 chrUn16.765!G | A | 0.4417 | 3994 |
| 2 chrUn16.764!A | G | 0.1423 | 4006 |
| 2 chrUn16.760!A | G | 0.4908 | 4002 |
| 2 chrUn16.757!G | 0 G | 0 | 4010 |
| 2 chrUn16.755!G | A | 0.3339 | 3986 |
| 2 chrUn16.748!G | A | 0.2102 | 3986 |
| 2 chrUn16.743!C | A | 0.3038 | 3966 |
| 2 chrUn16.740!A | G | 0.3083 | 3954 |
| 2 chrUn16.737!A | G | 0.2501 | 3998 |
| 2 chrUn16.734!A | G | 0.3153 | 3984 |
| 2 chrUn16.726!G | A | 0.3043 | 3960 |
| 2 chrUn16.723!A | G | 0.08688 | 3994 |
| 2 chrUn16.717!G | A | 0.3973 | 3994 |
| 2 chrUn16.714!G | A | 0.111 | 4000 |
| 2 chrUn16.704!A | G | 0.0632 | 3924 |
| 2 chrUn16.701!A | G | 0.235 | 3992 |
| 2 chrUn16.698!G | A | 0.2977 | 3974 |
| 2 chrUn16.689!C | A | 0.2005 | 4004 |
| 2 chrUn16.686!A | G | 0.3513 | 3954 |
| 2 chrUn16.683!G | A | 0.07225 | 4000 |
| 2 chrUn16.679!C | A | 0.1381 | 3990 |
| 2 chrUn16.675!G | A | 0.1912 | 4006 |
| 2 chrUn16.671!G | A | 0.3912 | 4000 |
| 2 chrUn16.663!A | G | 0.08822 | 3990 |
| 2 chrUn16.660!A | G | 0.4852 | 3998 |
| 2 chrUn16.657!A | G | 0.462 | 3896 |
| 2 chrUn16.654!C | A | 0.104 | 3980 |
| 2 chrUn16.648!G | A | 0.1553 | 4006 |
| 2 chrUn16.640!C | A | 0.4285 | 3960 |
| 2 chrUn16.637!A | G | 0.02446 | 4006 |
| 2 chrUn16.632!A | G | 0.2368 | 3898 |
| 2 chrUn16.624!A | G | 0.2727 | 4004 |
| 2 chrUn16.620!A | G | 0.06099 | 3984 |
| 2 chrUn16.614!A | G | 0.04798 | 4002 |
| 2 chrUn16.605!G | A | 0.2451 | 3998 |
| 2 chrUn.77590!G | A | 0.3746 | 3996 |
| 2 chrUn16.597!G | A | 0.04147 | 3786 |
| 2 chrUn16.596!A | G | 0.1498 | 3726 |
| 2 chrUn16.591!G | A | 0.3199 | 3948 |
| 2 chrUn16.585!A | G | 0.09301 | 3978 |
| 2 chrUn16.570!A | G | 0.3166 | 3980 |

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|---------------|---|---|----------|------|
| 2 chrUn16.567 | C | A | 0.05478 | 3998 |
| 2 chrUn16.565 | A | G | 0.192 | 3990 |
| 2 chrUn16.562 | A | G | 0.07664 | 3758 |
| 2 chrUn16.561 | A | G | 0.3337 | 4000 |
| 2 chrUn16.554 | A | G | 0.2083 | 4000 |
| 2 chrUn16.551 | A | G | 0.04698 | 4002 |
| 2 chrUn.54698 | G | A | 0.2458 | 3970 |
| 2 chrUn16.542 | A | G | 0.4488 | 4002 |
| 2 chrUn16.540 | G | A | 0.07639 | 4006 |
| 2 chrB1.70691 | A | C | 0.4331 | 3930 |
| 2 chrUn16.534 | C | A | 0.04451 | 3954 |
| 2 chrUn16.529 | A | G | 0.1028 | 3998 |
| 2 chrUn16.526 | G | A | 0.1057 | 4002 |
| 2 chrUn16.521 | A | G | 0.08976 | 3866 |
| 2 chrUn16.519 | A | C | 0.41 | 3998 |
| 2 chrUn16.510 | A | G | 0.2492 | 3984 |
| 2 chrUn16.508 | G | A | 0.07109 | 3854 |
| 2 chrUn16.501 | A | G | 0.02973 | 3936 |
| 2 chrUn16.498 | G | A | 0.1506 | 4004 |
| 2 chrUn16.494 | A | G | 0.2442 | 4000 |
| 2 chrUn16.491 | A | G | 0.2468 | 4008 |
| 2 chrUn16.485 | A | C | 0.1177 | 3942 |
| 2 chrUn16.481 | A | G | 0.2886 | 3798 |
| 2 chrUn16.473 | A | G | 0.2874 | 3998 |
| 2 chrUn16.468 | G | A | 0.2076 | 4002 |
| 2 chrUn16.464 | A | C | 0.4225 | 4000 |
| 2 chrUn16.459 | A | G | 0.06103 | 3818 |
| 2 chrUn16.455 | A | C | 0.3846 | 4004 |
| 2 chrUn16.452 | G | A | 0.2485 | 3992 |
| 2 chrUn16.445 | G | A | 0.005826 | 3948 |
| 2 chrUn16.440 | G | A | 0.3942 | 4006 |
| 2 chrUn.61066 | G | A | 0.439 | 4000 |
| 2 chrUn16.433 | A | G | 0.05579 | 3872 |
| 2 chrUn16.424 | G | A | 0.2566 | 3994 |
| 2 chrUn16.418 | G | A | 0.1773 | 3994 |
| 2 chrUn.69273 | G | A | 0.4914 | 3944 |
| 2 chrUn16.414 | G | A | 0.3141 | 3960 |
| 2 chrUn16.398 | A | G | 0.03147 | 4004 |
| 2 chrUn16.397 | G | A | 0.2741 | 3984 |
| 2 chrUn16.392 | A | G | 0.1159 | 4004 |
| 2 chrUn16.388 | A | G | 0.1519 | 3818 |

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| 2 chrUn16.3854C | A | 0.1023 | 4006 |
| 2 chrUn16.3810A | G | 0.2 | 3940 |
| 2 chrUn16.3780C | A | 0.1484 | 3962 |
| 2 chrUn16.3760C | A | 0.0005018 | 3986 |
| 2 chrUn16.3730A | C | 0.03543 | 4008 |
| 2 chrUn16.3680G | A | 0.2316 | 3946 |
| 2 chrUn16.3650A | G | 0.4172 | 3960 |
| 2 chrUn16.3600A | G | 0.05232 | 3918 |
| 2 chrUn16.3540C | A | 0.1612 | 3990 |
| 2 chrUn16.3500A | G | 0.0519 | 4008 |
| 2 chrUn16.3450G | A | 0.2871 | 4002 |
| 2 chrUn16.3430A | G | 0.4258 | 4004 |
| 2 chrUn16.3360G | A | 0.179 | 3994 |
| 2 chrUn16.3330G | A | 0.3255 | 4006 |
| 2 chrUn16.3290A | G | 0.4917 | 3998 |
| 2 chrUn16.3190A | G | 0.3834 | 3972 |
| 2 chrUn16.3110G | A | 0.04101 | 3828 |
| 2 chrUn16.3060A | G | 0.1091 | 4004 |
| 2 chrUn16.3020A | G | 0.1829 | 3986 |
| 2 chrUn16.2990C | A | 0.4413 | 3968 |
| 2 chrUn16.2940G | A | 0.2206 | 4002 |
| 2 chrUn16.2860A | G | 0.2147 | 4006 |
| 2 chrUn16.2820A | G | 0.3005 | 4000 |
| 2 chrUn16.2790G | A | 0.4887 | 3996 |
| 2 chrUn16.2730A | G | 0.02679 | 3920 |
| 2 chrUn16.2700A | G | 0.2329 | 4002 |
| 2 chrUn16.2580C | A | 0.236 | 3992 |
| 2 chrUn16.2520G | A | 0.2329 | 4002 |
| 2 chrUn16.2470A | C | 0.09645 | 4002 |
| 2 chrUn16.2470G | A | 0.1301 | 3998 |
| 2 chrUn16.2440A | C | 0.2729 | 3686 |
| 2 chrUn16.2410G | A | 0.1485 | 3750 |
| 2 chrUn16.2350A | G | 0.0002494 | 4010 |
| 2 chrA2.2094001G | A | 0.4313 | 4002 |
| 2 chrUn16.2270A | G | 0.1909 | 3996 |
| 2 chrA2.2095400A | G | 0.008483 | 4008 |
| 2 chrUn16.2160A | C | 0.1383 | 4006 |
| 2 chrUn16.2130A | G | 0.3959 | 3996 |
| 2 chrA2.209630A | G | 0.2956 | 3850 |
| 2 chrUn16.1980A | G | 0.08287 | 3970 |
| 2 chrUn16.1910G | A | 0.1684 | 4008 |

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|---------------|---|-----|---------|------|
| 2 chrUn16.187 | A | G | 0.1092 | 3938 |
| 2 chrUn16.164 | A | G | 0.08625 | 4000 |
| 2 chrUn16.149 | G | A | 0.3595 | 3958 |
| 2 chrUn16.147 | A | G | 0.04418 | 4006 |
| 2 chrUn16.140 | A | G | 0.2841 | 4006 |
| 2 chrA2.20995 | A | G | 0.4783 | 3916 |
| 2 chrA2.20999 | A | G | 0.09636 | 4006 |
| 2 chrA2.21026 | A | G | 0.08537 | 4006 |
| 2 chrA2.21032 | A | G | 0.0895 | 4000 |
| 2 chrA2.21038 | A | G | 0.2715 | 4008 |
| 2 chrA2.21038 | C | 0 A | 0 | 4010 |
| 2 chrA2.21043 | C | A | 0.3044 | 4004 |
| 2 chrA2.21052 | A | G | 0.1341 | 3998 |
| 2 chrA2.21055 | A | G | 0.08923 | 3956 |
| 2 chrA2.21062 | A | A | 0.02287 | 3936 |
| 2 chrA2.21068 | A | A | 0.2552 | 4008 |
| 2 chrA2.21071 | A | G | 0.2099 | 3906 |
| 2 chrA2.21076 | A | G | 0.2936 | 4006 |
| 2 chrA2.21080 | A | G | 0.2373 | 4004 |
| 2 chrA2.21083 | A | A | 0.1595 | 3988 |
| 2 chrA2.21086 | A | C | 0.1795 | 3934 |
| 2 chrA2.21100 | A | A | 0.1662 | 3954 |
| 2 chrA2.21103 | A | G | 0.01998 | 4004 |
| 2 chrA2.21106 | A | A | 0.3273 | 4000 |
| 2 chrA2.21113 | A | G | 0.03952 | 3998 |
| 2 chrA2.21116 | A | A | 0.2332 | 3996 |
| 2 chrA2.21122 | A | G | 0.25 | 3996 |
| 2 chrA2.21125 | A | A | 0.266 | 4000 |
| 2 chrA2.21128 | A | G | 0.1781 | 3982 |
| 2 chrA2.21131 | A | A | 0.02629 | 3994 |
| 2 chrA2.21138 | A | G | 0.03485 | 3988 |
| 2 chrA2.21147 | A | G | 0.421 | 3998 |
| 2 chrA2.21150 | A | G | 0.1694 | 4002 |
| 2 chrA2.21159 | C | A | 0.2526 | 3986 |
| 2 chrA2.21161 | A | A | 0.4748 | 4002 |
| 2 chrA2.21166 | A | A | 0.07293 | 4004 |
| 2 chrA2.21171 | A | G | 0.04998 | 4002 |
| 2 chrA2.21174 | A | G | 0.05935 | 4010 |
| 2 chrA2.21178 | A | G | 0.3735 | 4008 |
| 2 chrA2.21184 | A | G | 0.2425 | 3980 |
| 2 chrA2.21189 | A | A | 0.1428 | 3998 |

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|-----------------|-----|----------|------|
| 2 chrA2.211947 | 0 A | 0 | 4010 |
| 2 chrA2.211964G | A | 0.3855 | 4000 |
| 2 chrA2.212046A | C | 0.1505 | 4000 |
| 2 chrA2.212105A | G | 0.1886 | 4008 |
| 2 chrA2.212156G | A | 0.1725 | 3994 |
| 2 chrA2.212175G | A | 0.07771 | 4002 |
| 2 chrA2.212208A | G | 0.3401 | 3996 |
| 2 chrA2.212255A | G | 0.2762 | 4004 |
| 2 chrA2.212335G | A | 0.001247 | 4010 |
| 2 chrA2.212361A | G | 0.09157 | 4008 |
| 2 chrA2.212409G | A | 0.2265 | 4000 |
| 2 chrA2.212502A | G | 0.4263 | 3988 |
| 2 chrA2.212526G | A | 0.344 | 3986 |
| 2 chrA2.212576G | A | 0.3012 | 3988 |
| 2 chrA2.212617A | G | 0.02768 | 4010 |
| 2 chrA2.212666A | G | 0.1452 | 4002 |
| 2 chrA2.212736G | A | 0.1153 | 3738 |
| 2 chrA2.212766G | A | 0.4426 | 3972 |
| 2 chrA2.212817G | A | 0.4751 | 3942 |
| 2 chrA2.212856A | G | 0.1009 | 3984 |
| 2 chrA2.212889G | A | 0.001263 | 3958 |
| 2 chrA2.212924A | G | 0.2196 | 3998 |
| 2 chrA2.212951A | G | 0.3387 | 4004 |
| 2 chrA2.212997A | G | 0.2768 | 4000 |
| 2 chrA2.213025G | A | 0.2232 | 3996 |
| 2 chrA2.213047A | G | 0.03017 | 4010 |
| 2 chrA2.213074A | G | 0.1961 | 4008 |
| 2 chrA2.213135G | A | 0.2796 | 3980 |
| 2 chrA2.213175A | G | 0.2696 | 3988 |
| 2 chrA2.213225C | A | 0.1525 | 3940 |
| 2 chrA2.213257A | G | 0.4835 | 3996 |
| 2 chrA2.213284A | G | 0.06444 | 4004 |
| 2 chrA2.213294G | A | 0.03794 | 4006 |
| 2 chrA2.213355C | A | 0.1488 | 3984 |
| 2 chrA2.213389A | G | 0.4732 | 3988 |
| 2 chrA2.213454A | G | 0.2417 | 3992 |
| 2 chrA2.213484G | A | 0.391 | 3992 |
| 2 chrA2.213538A | G | 0.1583 | 4004 |
| 2 chrA2.213582C | A | 0.2238 | 3968 |
| 2 chrA2.213628G | A | 0.4003 | 3990 |
| 2 chrA2.213668A | G | 0.04475 | 3888 |

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| 2 chrA2.213756C | A | 0.1559 | 3888 |
| 2 chrA2.213822G | A | 0.206 | 3946 |
| 2 chrA2.213865A | G | 0.4332 | 3998 |
| 2 chrA2.213890A | G | 0.2077 | 3866 |
| 2 chrA2.213955G | A | 0.2561 | 4002 |
| 2 chrA2.213978C | A | 0.02795 | 3900 |
| 2 chrA2.214019A | C | 0.0177 | 3842 |
| 2 chrA2.214060C | A | 0.04325 | 4000 |
| 2 chrA2.214067G | A | 0.4625 | 4002 |
| 2 chrA2.214117A | G | 0.1238 | 3998 |
| 2 chrA2.214158G | A | 0.2612 | 4000 |
| 2 chrA2.214235A | G | 0.3946 | 4002 |
| 2 chrA2.214277C | A | 0.4395 | 3818 |
| 2 chrA2.214330G | A | 0.4603 | 4002 |
| 2 chrA2.214384A | C | 0.4844 | 3976 |
| 2 chrA2.214411A | G | 0.1387 | 3994 |
| 2 chrA2.214473G | A | 0.3245 | 4000 |
| 2 chrA2.214578G | A | 0.381 | 3990 |
| 2 chrA2.214611A | C | 0.2287 | 4006 |
| 2 chrA2.214638A | G | 0.4033 | 3888 |
| 2 chrA2.214729A | G | 0.2893 | 3948 |
| 2 chrA2.214755A | G | 0.3005 | 3890 |
| 2 chrA2.214844A | G | 0.2846 | 3770 |
| 2 chrA2.214885A | G | 0.3351 | 3984 |
| 2 chrA2.214912C | A | 0.3754 | 3942 |
| 2 chrA2.214955G | A | 0.4392 | 3998 |
| 2 chrA2.214979G | A | 0.3409 | 3998 |
| 2 chrA2.215016G | A | 0.4256 | 3990 |
| 2 chrA2.215057A | G | 0.01475 | 4000 |
| 2 chrA2.215091G | A | 0.4465 | 3982 |
| 2 chrA2.215147A | G | 0.1263 | 3912 |
| 2 chrA2.215194A | G | 0.191 | 4006 |
| 2 chrA2.215266G | A | 0.3109 | 4004 |
| 2 chrUn.813243A | G | 0.0004998 | 4002 |
| 2 chrA2.215292A | G | 0.3347 | 4000 |
| 2 chrA2.215355A | G | 0.421 | 4000 |
| 2 chrA2.215411A | G | 0.0743 | 3728 |
| 2 chrA2.215456A | G | 0.1935 | 3994 |
| 2 chrA2.215587G | A | 0.3787 | 4000 |
| 2 chrA2.215639A | G | 0.1688 | 3988 |
| 2 chrA2.215669A | G | 0.2398 | 4000 |

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|---------------|---|---|---------|------|
| 2 chrA2.21578 | G | A | 0.297 | 3896 |
| 2 chrA2.21582 | G | A | 0.3388 | 3990 |
| 2 chrA2.21587 | A | G | 0.385 | 3982 |
| 2 chrA2.21589 | A | G | 0.174 | 4000 |
| 2 chrA2.21593 | A | G | 0.1228 | 3826 |
| 2 chrA2.21606 | A | G | 0.1831 | 3998 |
| 2 chrA2.21608 | A | G | 0.4769 | 3946 |
| 2 chrA2.21612 | G | A | 0.4499 | 3932 |
| 2 chrA2.21618 | A | G | 0.2143 | 4004 |
| 2 chrA2.21625 | A | C | 0.4258 | 3988 |
| 2 chrA2.21627 | A | G | 0.3524 | 3956 |
| 2 chrA2.21631 | G | A | 0.2689 | 3990 |
| 2 chrA2.21636 | C | A | 0.2349 | 4002 |
| 2 chrA2.21640 | G | A | 0.3714 | 3988 |
| 2 chrA2.21646 | G | A | 0.3709 | 3990 |
| 2 chrA2.21652 | A | C | 0.09639 | 3994 |
| 2 chrA2.21654 | A | G | 0.2855 | 3996 |
| 2 chrA2.21657 | G | A | 0.2928 | 3992 |
| 2 chrA2.21662 | A | C | 0.2821 | 4006 |
| 2 chrA2.21666 | G | A | 0.3233 | 3916 |
| 2 chrA2.21673 | G | A | 0.245 | 4008 |
| 2 chrA2.21675 | G | A | 0.2531 | 4006 |
| 2 chrA2.21678 | G | A | 0.4436 | 3952 |
| 2 chrA2.21682 | A | G | 0.0411 | 3990 |
| 2 chrA2.21686 | A | G | 0.1687 | 4000 |
| 2 chrA2.21689 | G | A | 0.1619 | 3954 |
| 2 chrA2.21693 | G | A | 0.1601 | 3998 |
| 2 chrA2.21696 | A | G | 0.4302 | 3884 |
| 2 chrA2.21702 | G | A | 0.2765 | 4004 |
| 2 chrA2.21704 | A | G | 0.1933 | 4004 |
| 2 chrA2.21709 | A | G | 0.08859 | 3996 |
| 2 chrA2.21716 | A | G | 0.2794 | 3990 |
| 2 chrA2.21723 | A | A | 0.0699 | 4006 |
| 2 chrA2.21726 | A | G | 0.2831 | 4006 |
| 2 chrA2.21730 | A | G | 0.09205 | 3998 |
| 2 chrA2.21733 | A | G | 0.01201 | 3998 |
| 2 chrA2.21734 | A | A | 0.229 | 4004 |
| 2 chrA2.21737 | C | A | 0.3084 | 3982 |
| 2 chrA2.21740 | G | A | 0.2783 | 3978 |
| 2 chrA2.21744 | A | G | 0.1514 | 4002 |
| 2 chrA2.21747 | A | G | 0.4887 | 3998 |

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| 2 chrA2.217524G | A | 0.03397 | 3974 |
| 2 chrA2.217599A | G | 0.1363 | 3992 |
| 2 chrA2.217626G | A | 0.2592 | 4000 |
| 2 chrA2.217659C | A | 0.1867 | 3996 |
| 2 chrA2.217689A | G | 0.01648 | 4004 |
| 2 chrA2.217730G | A | 0.1075 | 3980 |
| 2 chrA2.217771A | G | 0.4944 | 3956 |
| 2 chrA2.217859A | G | 0.3295 | 3960 |
| 2 chrA2.217889A | G | 0.4891 | 3948 |
| 2 chrA2.217930A | G | 0.3802 | 4006 |
| 2 chrA2.217967A | G | 0.3468 | 3996 |
| 2 chrA2.217991A | G | 0.1712 | 4008 |
| 2 chrA2.218001G | A | 0.005486 | 4010 |
| 2 chrA2.218087G | A | 0.1689 | 4008 |
| 2 chrUn16.1101A | G | 0.264 | 3988 |
| 3 chrA3.301871A | G | 0.1742 | 3628 |
| 3 chrA3.301847C | A | 0.2532 | 4008 |
| 3 chrA3.301239A | G | 0.2224 | 3984 |
| 3 chrA3.300829A | G | 0.04921 | 3678 |
| 3 chrA3.299808A | G | 0.4476 | 3970 |
| 3 chrA3.299570A | G | 0.3716 | 3972 |
| 3 chrA3.298478C | A | 0.3047 | 3922 |
| 3 chrA3.298136A | G | 0.2248 | 3994 |
| 3 chrA3.297232C | A | 0.2105 | 3990 |
| 3 chrA3.296942A | G | 0.1505 | 3954 |
| 3 chrA3.296459A | G | 0.151 | 3894 |
| 3 chrA3.296067A | C | 0.1555 | 3974 |
| 3 chrA3.295602G | A | 0.2532 | 3874 |
| 3 chrA3.295046A | G | 0.05485 | 3956 |
| 3 chrA3.294444A | C | 0.07302 | 3944 |
| 3 chrA3.294079G | A | 0.1599 | 3934 |
| 3 chrA3.293492A | G | 0.2781 | 3974 |
| 3 chrA3.293008A | G | 0.01829 | 3936 |
| 3 chrA3.292696C | A | 0.2927 | 3762 |
| 3 chrA3.292352A | G | 0.1982 | 3790 |
| 3 chrA3.291607A | C | 0.213 | 3982 |
| 3 chrA3.291049A | G | 0.1833 | 3972 |
| 3 chrA3.290357A | G | 0.4425 | 3810 |
| 3 chrA3.290054G | A | 0.211 | 3900 |
| 3 chrA3.289790G | A | 0.2196 | 3998 |
| 3 chrA3.289544A | G | 0.2148 | 3850 |

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|---------------|---|-----|----------|------|
| 3 chrA3.28906 | A | G | 0.1719 | 3938 |
| 3 chrA3.28853 | G | A | 0.3451 | 3868 |
| 3 chrA3.28805 | G | A | 0.2305 | 3888 |
| 3 chrA3.28753 | A | G | 0.1303 | 3884 |
| 3 chrA3.28718 | A | G | 0.3158 | 3930 |
| 3 chrA3.28676 | A | C | 0.2919 | 3922 |
| 3 chrA3.28609 | A | G | 0.2349 | 3836 |
| 3 chrA3.28517 | A | G | 0.3699 | 3866 |
| 3 chrA3.28485 | A | G | 0.4384 | 3866 |
| 3 chrA3.28455 | G | A | 0.3199 | 3820 |
| 3 chrA3.28421 | G | A | 0.3204 | 3948 |
| 3 chrA3.28418 | A | G | 0.3651 | 3958 |
| 3 chrA3.28383 | A | G | 0.06555 | 3936 |
| 3 chrA3.28297 | A | G | 0.1746 | 3872 |
| 3 chrA3.28212 | A | G | 0.2484 | 3990 |
| 3 chrA3.28200 | G | 0 G | 0 | 4008 |
| 3 chrA3.28187 | C | A | 0.2165 | 3940 |
| 3 chrA3.28155 | G | A | 0.2362 | 3810 |
| 3 chrA3.28113 | G | A | 0.3536 | 3906 |
| 3 chrA3.28096 | G | A | 0.3946 | 3964 |
| 3 chrA3.28082 | A | G | 0.3661 | 3988 |
| 3 chrA3.28017 | A | G | 0.1215 | 3900 |
| 3 chrA3.27954 | A | G | 0.2699 | 3976 |
| 3 chrA3.27918 | G | A | 0.1032 | 3982 |
| 3 chrA3.27846 | G | A | 0.2253 | 3932 |
| 3 chrA3.27786 | A | G | 0.3259 | 3946 |
| 3 chrA3.27756 | G | A | 0.3468 | 4002 |
| 3 chrA3.27724 | G | A | 0.09355 | 3998 |
| 3 chrA3.27692 | A | G | 0.05506 | 3996 |
| 3 chrA3.27656 | G | A | 0.2146 | 3932 |
| 3 chrA3.27573 | G | A | 0.1107 | 3992 |
| 3 chrA3.27509 | A | C | 0.3217 | 3970 |
| 3 chrA3.27463 | A | G | 0.1351 | 4004 |
| 3 chrA3.27413 | A | G | 0.3239 | 3964 |
| 3 chrA3.27388 | G | A | 0.05275 | 4000 |
| 3 chrA3.27292 | A | G | 0.21 | 3972 |
| 3 chrA3.27250 | C | A | 0.4513 | 3984 |
| 3 chrA3.27219 | A | G | 0.05763 | 4008 |
| 3 chrA3.27187 | G | A | 0.03521 | 4004 |
| 3 chrA3.27140 | A | G | 0.2664 | 3972 |
| 3 chrA3.27048 | A | G | 0.008517 | 3992 |

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| 3 chrA3.269526A | G | 0.0752 | 3936 |
| 3 chrA3.269094A | G | 0.3111 | 3996 |
| 3 chrA3.269891A | G | 0.06925 | 4000 |
| 3 chrA3.268998A | G | 0.1705 | 3994 |
| 3 chrA3.268695G | A | 0.1754 | 3992 |
| 3 chrA3.268414G | A | 0.1851 | 4008 |
| 3 chrA3.268139A | G | 0.324 | 3978 |
| 3 chrA3.266230A | C | 0.3743 | 4002 |
| 3 chrA3.265525A | C | 0.2945 | 3966 |
| 3 chrA3.265258G | A | 0.1191 | 3988 |
| 3 chrA3.264485A | G | 0.07692 | 4004 |
| 3 chrA3.263781A | G | 0.1579 | 3990 |
| 3 chrA3.263084G | A | 0.1199 | 4002 |
| 3 chrA3.262558A | G | 0.07856 | 3984 |
| 3 chrA3.262014G | A | 0.2616 | 3994 |
| 3 chrA3.261234G | A | 0.1496 | 3996 |
| 3 chrA3.260872G | A | 0.04277 | 3998 |
| 3 chrA3.260451G | A | 0.4057 | 3996 |
| 3 chrA3.260147A | G | 0.3024 | 3978 |
| 3 chrA3.258859G | A | 0.4223 | 3976 |
| 3 chrA3.258297A | C | 0.24 | 3984 |
| 3 chrA3.257881A | G | 0.1412 | 4008 |
| 3 chrA3.257315G | A | 0.223 | 3906 |
| 3 chrA3.256968A | G | 0.1982 | 4002 |
| 3 chrA3.256279G | A | 0.003497 | 4004 |
| 3 chrA3.255870G | A | 0.2635 | 3992 |
| 3 chrA3.255198G | A | 0.4025 | 3998 |
| 3 chrA3.254845A | G | 0.2691 | 3958 |
| 3 chrA3.254060C | A | 0.2201 | 4002 |
| 3 chrA3.253715A | G | 0.2284 | 4006 |
| 3 chrA3.253321A | G | 0.02947 | 3970 |
| 3 chrA3.252865G | A | 0.3039 | 3982 |
| 3 chrA3.252622G | A | 0.1094 | 4002 |
| 3 chrA3.252340G | A | 0.07967 | 4004 |
| 3 chrA3.251855A | G | 0.4836 | 3892 |
| 3 chrA3.251615A | G | 0.2936 | 3998 |
| 3 chrA3.251186C | A | 0.4766 | 3924 |
| 3 chrA3.250695A | G | 0.25 | 3996 |
| 3 chrA3.250287G | A | 0.1191 | 3996 |
| 3 chrA3.249806A | G | 0.3456 | 3982 |
| 3 chrA3.249325C | A | 0.05582 | 3834 |

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| 3 chrA3.248972G | A | 0.04338 | 3988 |
| 3 chrA3.248541A | G | 0.3154 | 3986 |
| 3 chrA3.248228A | C | 0.2228 | 4000 |
| 3 chrA3.247863G | A | 0.1054 | 4004 |
| 3 chrA3.247176G | A | 0.1164 | 3996 |
| 3 chrA3.247079A | G | 0.003579 | 3912 |
| 3 chrA3.246888A | G | 0.2196 | 3920 |
| 3 chrA3.245327A | G | 0.2726 | 3998 |
| 3 chrA3.244887G | A | 0.08196 | 4002 |
| 3 chrA3.244495G | A | 0.425 | 3998 |
| 3 chrA3.243802A | G | 0.2326 | 3990 |
| 3 chrA3.243388A | C | 0.4853 | 4002 |
| 3 chrA3.243141A | G | 0.3421 | 3844 |
| 3 chrA3.242772A | G | 0.05881 | 3996 |
| 3 chrA3.242425G | A | 0.1103 | 4006 |
| 3 chrA3.241179C | A | 0.1023 | 4006 |
| 3 chrA3.240657G | A | 0.3507 | 3878 |
| 3 chrA3.239925A | G | 0.1237 | 4010 |
| 3 chrA3.239265G | A | 0.4414 | 3990 |
| 3 chrA3.238922A | G | 0.03283 | 3960 |
| 3 chrA3.238420A | G | 0.04714 | 3988 |
| 3 chrA3.238173A | G | 0.2185 | 3996 |
| 3 chrA3.237842A | G | 0.2241 | 3994 |
| 3 chrA3.237125G | A | 0.1115 | 3928 |
| 3 chrA3.236767A | G | 0.2167 | 4006 |
| 3 chrA3.236314A | G | 0.1375 | 3986 |
| 3 chrA3.235927G | A | 0.0002515 | 3976 |
| 3 chrA3.235634G | A | 0.2436 | 3970 |
| 3 chrA3.235212A | G | 0.2296 | 3986 |
| 3 chrA3.234631A | G | 0.1115 | 3974 |
| 3 chrA3.233636A | G | 0.2777 | 3968 |
| 3 chrA3.233299G | A | 0.4065 | 3970 |
| 3 chrA3.232968A | G | 0.3303 | 3936 |
| 3 chrA3.232940G | A | 0.0746 | 3740 |
| 3 chrA3.231976A | G | 0.3607 | 3984 |
| 3 chrA3.231735A | G | 0.2214 | 4002 |
| 3 chrA3.231194G | A | 0.01259 | 3972 |
| 3 chrA3.230795G | A | 0.2424 | 3994 |
| 3 chrA3.230305A | G | 0.3246 | 3992 |
| 3 chrA3.229442G | A | 0.1617 | 3996 |
| 3 chrA3.229194G | A | 0.4494 | 4008 |

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| 3 chrA3.228885A | G | 0.2914 | 4008 |
| 3 chrA3.228532A | C | 0.212 | 4000 |
| 3 chrA3.228207A | G | 0.08508 | 4008 |
| 3 chrA3.226765G | A | 0.3424 | 3998 |
| 3 chrA3.226165G | A | 0.2095 | 3996 |
| 3 chrA3.225855A | G | 0.168 | 3970 |
| 3 chrA3.225317A | G | 0.479 | 3960 |
| 3 chrA3.224976A | G | 0.08254 | 3974 |
| 3 chrA3.224447A | C | 0.1219 | 3988 |
| 3 chrA3.224129A | G | 0.06738 | 3948 |
| 3 chrA3.223651A | G | 0.3641 | 3996 |
| 3 chrA3.223367A | G | 0.1863 | 3580 |
| 3 chrA3.223081A | G | 0.3244 | 3986 |
| 3 chrA3.222755G | A | 0.3346 | 3996 |
| 3 chrA3.222281A | C | 0.07103 | 3900 |
| 3 chrA3.221194C | A | 0.4759 | 3990 |
| 3 chrA3.220039A | G | 0.4897 | 3972 |
| 3 chrA3.219586C | A | 0.0002505 | 3992 |
| 3 chrA3.219375G | A | 0.3613 | 3944 |
| 3 chrA3.219011A | G | 0.2841 | 3998 |
| 3 chrA3.218735G | A | 0.04514 | 3988 |
| 3 chrA3.217988A | G | 0.3663 | 3888 |
| 3 chrA3.216762G | A | 0.3876 | 3960 |
| 3 chrA3.216077G | A | 0.2116 | 3994 |
| 3 chrA3.215835A | G | 0.1881 | 3988 |
| 3 chrA3.215086G | A | 0.4255 | 3920 |
| 3 chrA3.214779A | G | 0.3362 | 4006 |
| 3 chrA3.214345G | A | 0.4853 | 4004 |
| 3 chrA3.212999A | C | 0.07542 | 4004 |
| 3 chrA3.212752C | A | 0.2687 | 3978 |
| 3 chrA3.212407A | C | 0.2031 | 3988 |
| 3 chrA3.211994C | A | 0.3417 | 3986 |
| 3 chrA3.211595G | A | 0.4256 | 3980 |
| 3 chrA3.720185C | A | 0.4642 | 3998 |
| 3 chrA3.725878A | C | 0.1523 | 3978 |
| 3 chrA3.732745G | A | 0.3178 | 4006 |
| 3 chrA3.738449C | A | 0.3167 | 3998 |
| 3 chrA3.740969G | A | 0.3326 | 3996 |
| 3 chrA3.209874G | A | 0.3512 | 3984 |
| 3 chrA3.752615A | G | 0.1712 | 3996 |
| 3 chrA3.757354A | G | 0.07742 | 4004 |

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|-----------------|-----|----------|------|
| 3 chrA3.763795C | A | 0.1936 | 3760 |
| 3 chrA3.770246C | A | 0.399 | 4000 |
| 3 chrA3.208879G | A | 0.3988 | 3994 |
| 3 chrA3.779563A | G | 0.1766 | 3986 |
| 3 chrA3.790236A | C | 0.1924 | 3794 |
| 3 chrA3.795399G | A | 0.08321 | 4002 |
| 3 chrA3.206314A | G | 0.2311 | 3998 |
| 3 chrA3.829279A | G | 0.3628 | 3986 |
| 3 chrA3.835869A | G | 0.0995 | 3990 |
| 3 chrA3.842629G | A | 0.001498 | 4006 |
| 3 chrA3.848244G | A | 0.2017 | 3902 |
| 3 chrA3.205053 | 0 A | 0 | 4010 |
| 3 chrA3.204997G | A | 0.2764 | 4002 |
| 3 chrA3.861937G | A | 0.1258 | 3968 |
| 3 chrA3.886219 | 0 A | 0 | 4008 |
| 3 chrA3.889914G | A | 0.4565 | 3974 |
| 3 chrA3.901699A | C | 0.01802 | 3996 |
| 3 chrA3.904676A | G | 0.3763 | 3946 |
| 3 chrA3.909548G | A | 0.4055 | 4002 |
| 3 chrA3.924969A | G | 0.4265 | 3988 |
| 3 chrA3.201452A | G | 0.3444 | 3984 |
| 3 chrA3.953922G | A | 0.3689 | 3990 |
| 3 chrA3.967941G | A | 0.08879 | 3908 |
| 3 chrA3.978352A | G | 0.4732 | 3996 |
| 3 chrA3.983389G | A | 0.489 | 4004 |
| 3 chrA3.987281G | A | 0.1834 | 4002 |
| 3 chrA3.993046C | A | 0.2374 | 4010 |
| 3 chrA3.198259G | A | 0.2567 | 3982 |
| 3 chrA3.100199A | G | 0.2453 | 3910 |
| 3 chrA3.101539A | G | 0.4254 | 3982 |
| 3 chrA3.101867A | G | 0.2167 | 4006 |
| 3 chrA3.197201G | A | 0.0194 | 3970 |
| 3 chrA3.102475A | G | 0.0913 | 3998 |
| 3 chrUn24.2557A | G | 0.02705 | 3992 |
| 3 chrA3.196699A | G | 0.02147 | 4006 |
| 3 chrA3.196386A | G | 0.2328 | 3982 |
| 3 chrA3.196128A | G | 0.2314 | 3998 |
| 3 chrA3.195771G | A | 0.05453 | 3998 |
| 3 chrA3.195406G | A | 0.2005 | 4000 |
| 3 chrA3.195351A | G | 0.06917 | 3860 |
| 3 chrA3.194727G | A | 0.1281 | 4006 |

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| 3 chrA3.194475A | G | 0.4695 | 3998 |
| 3 chrA3.194188A | G | 0.174 | 3978 |
| 3 chrA3.193825A | G | 0.3889 | 4004 |
| 3 chrA3.193539G | A | 0.3781 | 4002 |
| 3 chrA3.193235G | A | 0.1206 | 4004 |
| 3 chrA3.192897G | A | 0.1995 | 4000 |
| 3 chrA3.192559G | A | 0.2408 | 4008 |
| 3 chrA3.192058A | G | 0.3669 | 4004 |
| 3 chrA3.191439A | G | 0.1383 | 3832 |
| 3 chrA3.191155A | G | 0.4413 | 4002 |
| 3 chrA3.190638A | G | 0.1701 | 3998 |
| 3 chrA3.190398A | C | 0.4334 | 3888 |
| 3 chrA3.190048A | G | 0.1567 | 3996 |
| 3 chrA3.189362G | A | 0.1172 | 4002 |
| 3 chrA3.188979G | A | 0.3704 | 3820 |
| 3 chrA3.188715A | C | 0.4383 | 3974 |
| 3 chrA3.188312A | C | 0.02924 | 4002 |
| 3 chrA3.187498G | A | 0.01848 | 4004 |
| 3 chrA3.187159C | A | 0.04327 | 3998 |
| 3 chrA3.186747A | G | 0.4657 | 3998 |
| 3 chrA3.186006A | G | 0.05052 | 3880 |
| 3 chrA3.185170A | G | 0.4852 | 3986 |
| 3 chrA3.184818A | G | 0.4825 | 3994 |
| 3 chrA3.184368A | G | 0.3593 | 4000 |
| 3 chrA3.183448A | C | 0.4108 | 3956 |
| 3 chrA3.183105C | A | 0.1978 | 4000 |
| 3 chrA3.182560G | A | 0.3322 | 3986 |
| 3 chrA3.182096A | G | 0.04695 | 4004 |
| 3 chrA3.181827G | A | 0.06938 | 3978 |
| 3 chrA3.181410A | G | 0.03493 | 4008 |
| 3 chrA3.180771A | G | 0.2281 | 4002 |
| 3 chrA3.180339G | A | 0.365 | 3992 |
| 3 chrA3.179941A | G | 0.1597 | 4002 |
| 3 chrA3.179267A | G | 0.229 | 3992 |
| 3 chrA3.178711G | A | 0.242 | 4000 |
| 3 chrA3.178310A | G | 0.09012 | 3706 |
| 3 chrA3.178072C | A | 0.2872 | 3970 |
| 3 chrA3.177191G | A | 0.01961 | 3926 |
| 3 chrA3.176797G | A | 0.205 | 4004 |
| 3 chrA3.176164A | C | 0.3174 | 3998 |
| 3 chrA3.175771A | G | 0.1686 | 4004 |

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| 3 chrA3.175618G | A | 0.002577 | 3880 |
| 3 chrA3.175417A | G | 0.06047 | 3886 |
| 3 chrA3.175041A | G | 0.02425 | 3752 |
| 3 chrA3.174443G | A | 0.1961 | 3998 |
| 3 chrA3.173880A | C | 0.07727 | 3960 |
| 3 chrA3.173875A | G | 0.3404 | 4004 |
| 3 chrA3.173500G | A | 0.379 | 4008 |
| 3 chrA3.173008A | G | 0.446 | 4002 |
| 3 chrA3.172607G | A | 0.04723 | 3896 |
| 3 chrA3.172353G | A | 0.08807 | 4008 |
| 3 chrA3.171405G | A | 0.1627 | 4002 |
| 3 chrA3.170711A | G | 0.2067 | 4006 |
| 3 chrA3.170152G | A | 0.08329 | 3998 |
| 3 chrA3.169495G | A | 0.3013 | 3996 |
| 3 chrA3.169185G | A | 0.3294 | 3992 |
| 3 chrA3.168571A | G | 0.2533 | 3992 |
| 3 chrA3.168277A | G | 0.1842 | 4002 |
| 3 chrA3.167980A | G | 0.404 | 4002 |
| 3 chrA3.167506A | G | 0.1628 | 3980 |
| 3 chrA3.167197A | G | 0.1819 | 3970 |
| 3 chrA3.167062A | G | 0.3921 | 3996 |
| 3 chrA3.166860A | G | 0.1657 | 4008 |
| 3 chrA3.166410A | G | 0.3505 | 3854 |
| 3 chrA3.166055C | A | 0.01715 | 3964 |
| 3 chrA3.165794A | G | 0.2115 | 4000 |
| 3 chrA3.165540G | A | 0.491 | 4002 |
| 3 chrA3.164893A | G | 0.05314 | 4008 |
| 3 chrA3.164408G | A | 0.4935 | 4006 |
| 3 chrA3.164052A | C | 0.1549 | 4002 |
| 3 chrA3.163740A | G | 0.06213 | 4008 |
| 3 chrA3.163010G | A | 0.4577 | 3994 |
| 3 chrA3.162684A | C | 0.2538 | 3826 |
| 3 chrA3.162410G | A | 0.2092 | 4006 |
| 3 chrA3.161837G | A | 0.003278 | 3966 |
| 3 chrA3.161225G | A | 0.3146 | 3906 |
| 3 chrA3.160964A | G | 0.3008 | 4002 |
| 3 chrA3.160267A | G | 0.08313 | 4006 |
| 3 chrA3.160022G | A | 0.3212 | 3998 |
| 3 chrA3.159315G | A | 0.233 | 3936 |
| 3 chrA3.158869A | C | 0.3327 | 3998 |
| 3 chrA3.158022G | A | 0.2171 | 3980 |

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| 3 chrA3.157529A | G | 0.1898 | 4000 |
| 3 chrA3.157038A | G | 0.1547 | 3968 |
| 3 chrA3.156538A | G | 0.4327 | 3982 |
| 3 chrA3.156299G | A | 0.4316 | 3916 |
| 3 chrA3.156052G | A | 0.1434 | 3982 |
| 3 chrA3.155700A | G | 0.339 | 4000 |
| 3 chrA3.155209 | 0 A | 0 | 4010 |
| 3 chrA3.154828C | A | 0.002268 | 3968 |
| 3 chrA3.154666G | A | 0.337 | 4000 |
| 3 chrA3.154384G | A | 0.0817 | 3880 |
| 3 chrA3.153934G | A | 0.4805 | 4004 |
| 3 chrA3.153491A | G | 0.0861 | 3670 |
| 3 chrA3.153126G | A | 0.2008 | 3960 |
| 3 chrA3.152662G | A | 0.136 | 4000 |
| 3 chrA3.151974G | A | 0.2366 | 4002 |
| 3 chrA3.151408A | G | 0.2195 | 4000 |
| 3 chrA3.150896A | G | 0.4712 | 3998 |
| 3 chrA3.150629A | G | 0.4478 | 3872 |
| 3 chrA3.150082G | A | 0.347 | 4000 |
| 3 chrA3.149741G | A | 0.2089 | 4002 |
| 3 chrA3.149409G | A | 0.3865 | 3990 |
| 3 chrA3.149091A | G | 0.0988 | 3988 |
| 3 chrA3.148766A | G | 0.2439 | 3986 |
| 3 chrA3.142089A | G | 0.08681 | 3836 |
| 3 chrA3.148112G | A | 0.2805 | 3982 |
| 3 chrA3.147704G | A | 0.3786 | 4004 |
| 3 chrA3.144272G | A | 0.2136 | 3994 |
| 3 chrA3.147446A | C | 0.01001 | 3996 |
| 3 chrA3.147209A | G | 0.1507 | 3936 |
| 3 chrA3.146852G | A | 0.455 | 3996 |
| 3 chrA3.146350A | G | 0.1129 | 4002 |
| 3 chrA3.145717A | G | 0.4051 | 3878 |
| 3 chrA3.145337A | G | 0.3802 | 4000 |
| 3 chrA3.145049A | G | 0.1509 | 3890 |
| 3 chrA3.144598A | G | 0.1061 | 3996 |
| 3 chrA3.143774G | A | 0.1378 | 4000 |
| 3 chrA3.142936A | G | 0.4793 | 3958 |
| 3 chrA3.142486A | G | 0.2529 | 3998 |
| 3 chrA3.141826G | A | 0.4777 | 3994 |
| 3 chrA3.141216A | G | 0.07542 | 4004 |
| 3 chrA3.140700 | 0 A | 0 | 4008 |

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| 3 chrA3.140387C | A | 0.2386 | 3982 |
| 3 chrA3.139925C | A | 0.278 | 4000 |
| 3 chrA3.139637A | G | 0.1273 | 4006 |
| 3 chrA3.139316C | A | 0.1677 | 3996 |
| 3 chrA3.138970G | A | 0.4136 | 3992 |
| 3 chrA3.138565C | A | 0.04573 | 4002 |
| 3 chrA3.137985C | A | 0.3224 | 3952 |
| 3 chrA3.136732G | A | 0.09879 | 3978 |
| 3 chrA3.136201A | G | 0.3517 | 3952 |
| 3 chrA3.135709A | G | 0.2581 | 3998 |
| 3 chrA3.135465G | A | 0.07164 | 3992 |
| 3 chrA3.134875A | G | 0.1125 | 3990 |
| 3 chrA3.134396C | A | 0.4803 | 3798 |
| 3 chrA3.133731C | A | 0.4604 | 3968 |
| 3 chrA3.133494G | A | 0.2695 | 3970 |
| 3 chrA3.132929A | G | 0.09 | 4000 |
| 3 chrA3.132587A | G | 0.1774 | 3996 |
| 3 chrA3.132235G | A | 0.2228 | 3990 |
| 3 chrA3.132136A | G | 0.09182 | 4008 |
| 3 chrA3.131786G | A | 0.1376 | 3990 |
| 3 chrA3.131509A | G | 0.1374 | 4002 |
| 3 chrA3.130972A | G | 0.2943 | 3714 |
| 3 chrA3.130455G | A | 0.3931 | 3994 |
| 3 chrA3.130134A | G | 0.2807 | 3990 |
| 3 chrA3.129889A | G | 0.3315 | 4006 |
| 3 chrA3.128769A | G | 0.2029 | 4006 |
| 3 chrUn.564498C | A | 0.09306 | 4008 |
| 3 chrA3.127412A | G | 0.4038 | 4004 |
| 3 chrA3.127158A | G | 0.4917 | 3998 |
| 3 chrA3.126835A | G | 0.06413 | 3976 |
| 3 chrA3.126454A | G | 0.08947 | 3990 |
| 3 chrA3.126155G | A | 0.4982 | 3994 |
| 3 chrA3.125488G | A | 0.2307 | 4006 |
| 3 chrA3.125011G | A | 0.02768 | 4010 |
| 3 chrA3.124247A | G | 0.2841 | 3998 |
| 3 chrA3.123696A | C | 0.2153 | 4004 |
| 3 chrA3.123240G | A | 0.2487 | 4000 |
| 3 chrA3.122844A | G | 0.083 | 4000 |
| 3 chrA3.122464A | G | 0.2154 | 3998 |
| 3 chrA3.122098G | A | 0.05266 | 3912 |
| 3 chrA3.121350C | A | 0.2489 | 3998 |

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| 3 chrA3.120362 | C | A | 0.355 | 3932 |
| 3 chrA3.120328 | G | A | 0.3596 | 3990 |
| 3 chrA3.119747 | A | C | 0.3122 | 3994 |
| 3 chrA3.119339 | A | G | 0.4561 | 3848 |
| 3 chrUn12.6888 | C | A | 0.1586 | 3878 |
| 3 chrA3.118745 | A | G | 0.4361 | 3898 |
| 3 chrUn12.6708 | C | A | 0.2465 | 3996 |
| 3 chrUn12.6687 | A | G | 0.4491 | 3928 |
| 3 chrA3.115009 | A | C | 0.09421 | 3970 |
| 3 chrUn12.6407 | A | G | 0.01875 | 3946 |
| 3 chrA3.114717 | A | G | 0.1555 | 4000 |
| 3 chrUn12.6230 | A | G | 0.3859 | 3998 |
| 3 chrUn12.6197 | A | G | 0.27 | 3996 |
| 3 chrUn12.5944 | A | G | 0.08488 | 3994 |
| 3 chrUn12.5938 | G | A | 0.1222 | 4002 |
| 3 chrA3.112415 | G | A | 0.04093 | 3982 |
| 3 chrA3.112389 | G | A | 0.2776 | 4006 |
| 3 chrUn12.5830 | G | A | 0.1192 | 3976 |
| 3 chrA3.111695 | A | G | 0.2871 | 3998 |
| 3 chrB2.744905 | A | G | 0.1697 | 4008 |
| 3 chrB2.741817 | A | G | 0.2687 | 3744 |
| 3 chrB2.739756 | G | A | 0.1875 | 3994 |
| 3 chrB2.737685 | G | A | 0.1595 | 3974 |
| 3 chrUn24.3350 | G | A | 0.4433 | 3984 |
| 3 chrA3.302399 | A | G | 0.3566 | 3934 |
| 3 chrA3.303077 | A | C | 0.089 | 4000 |
| 3 chrA3.303586 | G | A | 0.3 | 4004 |
| 3 chrA3.303965 | A | G | 0.2286 | 3998 |
| 3 chrA3.304490 | A | G | 0.3776 | 3996 |
| 3 chrA3.304917 | G | A | 0.2427 | 3844 |
| 3 chrA3.305504 | G | A | 0.4553 | 3958 |
| 3 chrA3.306224 | G | A | 0.2649 | 3990 |
| 3 chrA3.306785 | G | A | 0.141 | 4006 |
| 3 chrA3.307652 | G | A | 0.07339 | 3938 |
| 3 chrA3.307902 | G | A | 0.1179 | 4004 |
| 3 chrA3.308177 | G | A | 0.07784 | 4008 |
| 3 chrA3.308461 | A | G | 0.1182 | 3992 |
| 3 chrA3.308725 | A | C | 0.1743 | 3958 |
| 3 chrA3.309237 | A | G | 0.05797 | 4002 |
| 3 chrA3.309655 | G | A | 0.1825 | 4006 |
| 3 chrA3.310576 | G | A | 0.3291 | 4002 |

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| 3 chrA3.311331A | C | 0.1949 | 4002 |
| 3 chrA3.311640G | A | 0.2017 | 4010 |
| 3 chrA3.311960A | G | 0.1895 | 4006 |
| 3 chrA3.312200A | G | 0.1095 | 3908 |
| 3 chrA3.313090G | A | 0.4962 | 3996 |
| 3 chrA3.313391A | C | 0.3159 | 3862 |
| 3 chrA3.314300A | G | 0.1903 | 4000 |
| 3 chrA3.314830A | G | 0.2347 | 3988 |
| 3 chrA3.315260G | A | 0.04073 | 4002 |
| 3 chrA3.315590A | G | 0.2811 | 4006 |
| 3 chrA3.316090G | A | 0.03675 | 4000 |
| 3 chrA3.316640C | A | 0.3628 | 4000 |
| 3 chrA3.317240G | A | 0.1207 | 3894 |
| 3 chrA3.317930A | G | 0.4071 | 3994 |
| 3 chrA3.318430C | A | 0.4085 | 3998 |
| 3 chrA3.318941G | A | 0.03094 | 4008 |
| 3 chrA3.319690A | C | 0.1186 | 3996 |
| 3 chrA3.320880G | A | 0.165 | 3976 |
| 3 chrA2.221620G | A | 0.1606 | 3960 |
| 3 chrA3.322071A | G | 0.3703 | 3994 |
| 3 chrA3.323300A | G | 0.1624 | 3892 |
| 3 chrA3.323800G | A | 0.1498 | 4006 |
| 3 chrA3.324970A | G | 0.1031 | 4006 |
| 3 chrA3.325500A | C | 0.3088 | 4000 |
| 3 chrA3.325930G | A | 0.3316 | 3972 |
| 3 chrA3.326200A | G | 0.2204 | 3930 |
| 3 chrA3.326590G | A | 0.2438 | 3926 |
| 3 chrA3.326830G | A | 0.02803 | 3746 |
| 3 chrA3.327630A | G | 0.1066 | 4004 |
| 3 chrA3.327710G | A | 0.07883 | 3996 |
| 3 chrA3.328030A | G | 0.1987 | 3996 |
| 3 chrA3.328590G | A | 0.1412 | 3980 |
| 3 chrA3.329330G | A | 0.02096 | 4008 |
| 3 chrA3.329580G | A | 0.265 | 4008 |
| 3 chrA3.329730G | A | 0.2296 | 3998 |
| 3 chrA3.329970A | G | 0.1299 | 4002 |
| 3 chrA3.330360G | A | 0.1295 | 3976 |
| 3 chrA3.330680A | G | 0.1298 | 4006 |
| 3 chrA3.331160G | A | 0.3193 | 3974 |
| 3 chrA3.331481A | G | 0.05741 | 4006 |
| 3 chrA3.331841C | A | 0.07254 | 3998 |

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| 3 chrA3.332081G | A | 0.1315 | 3992 |
| 3 chrA3.332424A | G | 0.2319 | 3976 |
| 3 chrA3.332700A | G | 0.04709 | 3674 |
| 3 chrA3.333594A | G | 0.1652 | 4002 |
| 3 chrA3.333857C | A | 0.2167 | 3996 |
| 3 chrA3.334166C | A | 0.3791 | 3986 |
| 3 chrA3.335228A | G | 0.2557 | 4008 |
| 3 chrA3.335865A | G | 0.251 | 3996 |
| 3 chrA3.336110A | G | 0.2519 | 3982 |
| 3 chrA3.336119A | C | 0.05815 | 3990 |
| 3 chrA3.336417A | G | 0.0575 | 3774 |
| 3 chrA3.336668G | A | 0.4659 | 3994 |
| 3 chrA3.337085A | C | 0.2946 | 3998 |
| 3 chrA3.337591A | G | 0.1472 | 4000 |
| 3 chrA3.337846G | A | 0.1695 | 3994 |
| 3 chrA3.338317A | G | 0.3952 | 3998 |
| 3 chrA3.338670G | A | 0.1978 | 4000 |
| 3 chrA3.339385A | G | 0.2082 | 4006 |
| 3 chrA3.340015G | A | 0.2908 | 3962 |
| 3 chrA3.340641G | A | 0.1501 | 3992 |
| 3 chrA3.341910A | G | 0.0958 | 3998 |
| 3 chrA3.342167G | A | 0.289 | 4004 |
| 3 chrA3.342565A | C | 0.07382 | 3996 |
| 3 chrA3.342707A | G | 0.002266 | 3972 |
| 3 chrA3.342822G | A | 0.4509 | 3994 |
| 3 chrA3.343146G | A | 0.3643 | 4002 |
| 3 chrA3.343725C | A | 0.1188 | 4006 |
| 3 chrA3.344024G | A | 0.177 | 3994 |
| 3 chrA3.344302A | C | 0.08963 | 3972 |
| 3 chrA3.344692A | G | 0.2545 | 4004 |
| 3 chrA3.345434A | C | 0.1445 | 3994 |
| 3 chrA3.346149A | G | 0.3219 | 3796 |
| 3 chrA3.346640A | G | 0.4635 | 3996 |
| 3 chrA3.347211A | G | 0.3737 | 3958 |
| 3 chrA3.347465A | G | 0.1726 | 3998 |
| 3 chrA3.347889A | G | 0.01473 | 4006 |
| 3 chrA3.348355G | A | 0.1647 | 3988 |
| 3 chrA3.348848G | A | 0.4797 | 3942 |
| 3 chrA3.349494A | G | 0.3327 | 4004 |
| 3 chrA3.350788A | G | 0.4417 | 3982 |
| 3 chrA3.351195G | A | 0.05255 | 3996 |

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| 3 chrA3.351645G | A | 0.01973 | 4004 |
| 3 chrA3.352315A | G | 0.4495 | 3982 |
| 3 chrA3.352645A | G | 0.3678 | 4000 |
| 3 chrA3.353175G | A | 0.1979 | 3982 |
| 3 chrA3.353515A | G | 0.08296 | 3990 |
| 3 chrA3.353865C | A | 0.07778 | 3934 |
| 3 chrA3.354735G | A | 0.09744 | 3992 |
| 3 chrA3.355055A | 0 A | 0 | 4004 |
| 3 chrUn24.3305G | A | 0.2832 | 4004 |
| 3 chrUn24.3245A | G | 0.1044 | 3842 |
| 3 chrUn24.3205G | A | 0.151 | 4000 |
| 3 chrUn24.3175A | G | 0.03317 | 4010 |
| 3 chrUn24.3125A | C | 0.358 | 3992 |
| 3 chrUn24.3085G | A | 0.1487 | 4002 |
| 3 chrUn24.3045A | G | 0.2596 | 4002 |
| 3 chrUn24.3025A | G | 0.412 | 4000 |
| 3 chrUn24.2975A | G | 0.3703 | 4000 |
| 3 chrUn24.2975G | A | 0.3905 | 4000 |
| 3 chrUn24.2945A | G | 0.007568 | 3964 |
| 3 chrUn24.2905C | A | 0.05697 | 4002 |
| 3 chrUn24.2865C | A | 0.2875 | 4000 |
| 3 chrUn24.2865G | A | 0.2881 | 4006 |
| 3 chrUn24.2615G | A | 0.09185 | 3658 |
| 3 chrUn24.2525G | A | 0.2602 | 3886 |
| 3 chrA3.100655A | G | 0.2237 | 4006 |
| 3 chrA3.990465G | A | 0.3408 | 4008 |
| 3 chrA3.975005G | A | 0.1238 | 4008 |
| 3 chrA3.962505A | C | 0.2096 | 3994 |
| 3 chrA3.958165A | G | 0.1295 | 4008 |
| 3 chrA3.949805G | A | 0.2382 | 4000 |
| 3 chrA3.943495A | G | 0.437 | 3934 |
| 3 chrA3.939495G | A | 0.3928 | 3898 |
| 3 chrA3.935505G | A | 0.4697 | 3890 |
| 3 chrA3.930635G | A | 0.3459 | 3984 |
| 3 chrA3.918115A | G | 0.1731 | 3992 |
| 3 chrA3.897955A | G | 0.1062 | 3956 |
| 3 chrA3.892495G | A | 0.1845 | 4000 |
| 3 chrA3.879945A | G | 0.09782 | 3936 |
| 3 chrA3.866515A | G | 0.03465 | 3810 |
| 3 chrA3.850075A | G | 0.2196 | 4002 |
| 3 chrA3.846495A | G | 0.2961 | 3988 |

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| 3 chrA3.831731A | C | 0.483 | 4000 |
| 3 chrA3.818341G | A | 0.1375 | 4008 |
| 3 chrA3.811374A | G | 0.09103 | 3636 |
| 3 chrA3.807511A | G | 0.3423 | 3944 |
| 3 chrA3.806621G | A | 0.1081 | 4004 |
| 3 chrA3.804051A | G | 0.03897 | 3900 |
| 3 chrA3.798661G | A | 0.4496 | 4004 |
| 3 chrA3.785364A | G | 0.4521 | 3990 |
| 3 chrA3.774851A | G | 0.3355 | 3916 |
| 3 chrA3.766621G | A | 0.0109 | 3944 |
| 3 chrA3.748501A | G | 0.00276 | 3986 |
| 3 chrA3.745231G | A | 0.3352 | 4006 |
| 3 chrA3.739141G | A | 0.3593 | 4000 |
| 3 chrA3.727461A | G | 0.06312 | 4008 |
| 3 chrA3.723551A | G | 0.3042 | 3988 |
| 3 chrA3.701591A | G | 0.3226 | 3974 |
| 3 chrA3.699061A | G | 0.498 | 3988 |
| 3 chrA3.691001G | A | 0.3594 | 3946 |
| 3 chrA3.685851A | G | 0.1674 | 4008 |
| 3 chrA3.683454G | A | 0.03668 | 4008 |
| 3 chrA3.678951G | A | 0.4435 | 4002 |
| 3 chrA3.674624A | C | 0.2903 | 3982 |
| 3 chrA3.668851A | C | 0.009731 | 4008 |
| 3 chrA3.664191A | G | 0.09201 | 3978 |
| 3 chrA3.658714G | A | 0.3379 | 3874 |
| 3 chrA3.650621A | G | 0.2737 | 4008 |
| 3 chrA3.642601A | G | 0.4561 | 3778 |
| 3 chrA3.635901A | G | 0.4715 | 4002 |
| 3 chrA3.629151A | C | 0.01223 | 4008 |
| 3 chrA3.625021G | A | 0.01323 | 4006 |
| 3 chrA3.620221A | G | 0.04627 | 3998 |
| 3 chrA3.613541A | G | 0.1024 | 4004 |
| 3 chrA3.605051A | G | 0.314 | 4006 |
| 3 chrA3.602281G | A | 0.1692 | 3990 |
| 3 chrA3.598781A | G | 0.0658 | 3982 |
| 3 chrA3.594671A | G | 0.3063 | 3986 |
| 3 chrA3.590941C | A | 0.08879 | 3998 |
| 3 chrA3.585391A | G | 0.005988 | 4008 |
| 3 chrA3.581141A | C | 0.1135 | 4008 |
| 3 chrA3.578691A | G | 0.3338 | 3960 |
| 3 chrA3.569221G | A | 0.1419 | 4002 |

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| 3 chrA3.565878G | A | 0.1876 | 3988 |
| 3 chrA3.562359A | G | 0.007992 | 4004 |
| 3 chrA3.557981A | G | 0.02225 | 3776 |
| 3 chrA3.553761G | A | 0.08093 | 3954 |
| 3 chrA3.542739A | G | 0.1994 | 4002 |
| 3 chrA3.540128G | A | 0.2115 | 3990 |
| 3 chrA3.536509G | A | 0.1542 | 3956 |
| 3 chrA3.532656A | G | 0.005991 | 4006 |
| 3 chrA3.527869G | A | 0.2419 | 3998 |
| 3 chrA3.522662C | A | 0.2171 | 4008 |
| 3 chrA3.517516A | G | 0.1744 | 4008 |
| 3 chrA3.509477A | G | 0.1462 | 4002 |
| 3 chrA3.506829G | A | 0.1574 | 3900 |
| 3 chrA3.498264G | A | 0.1757 | 3996 |
| 3 chrA3.495439 | 0 G | 0 | 4008 |
| 3 chrA3.489238C | A | 0.03744 | 3980 |
| 3 chrA3.487737 | 0 A | 0 | 4010 |
| 3 chrA3.486282G | A | 0.1849 | 4002 |
| 3 chrA3.482509G | A | 0.1986 | 4004 |
| 3 chrA3.477546C | A | 0.1499 | 3982 |
| 3 chrA3.470757A | G | 0.292 | 3952 |
| 3 ASIP_DEL122 | 0 I | 0 | 3980 |
| 3 chrA3.465716G | A | 0.3003 | 4002 |
| 3 chrA3.461992G | A | 0.2994 | 4008 |
| 3 chrA3.457402A | C | 0.03746 | 4004 |
| 3 chrA3.453509G | A | 0.3342 | 3950 |
| 3 chrA3.449659G | A | 0.3305 | 4000 |
| 3 chrA3.445681A | G | 0.33 | 3994 |
| 3 chrA3.441116A | G | 0.3315 | 3964 |
| 3 chrA3.437849A | G | 0.3367 | 4000 |
| 3 chrA3.432819A | G | 0.006484 | 4010 |
| 3 chrA3.427614G | A | 0.4628 | 4006 |
| 3 chrA3.423322G | A | 0.1574 | 3996 |
| 3 chrA3.420206G | A | 0.4357 | 3998 |
| 3 chrA3.416822G | A | 0.3568 | 4000 |
| 3 chrA3.413094C | A | 0.3769 | 3940 |
| 3 chrA3.410479A | G | 0.002246 | 4008 |
| 3 chrA3.406529G | A | 0.4323 | 4002 |
| 3 chrA3.400782 | 0 A | 0 | 4010 |
| 3 chrA3.395652G | A | 0.3498 | 3996 |
| 3 chrA3.385761A | G | 0.07567 | 4004 |

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| 3 chrA3.381617G | A | 0.2441 | 3908 |
| 3 chrA3.378646G | A | 0.4442 | 4000 |
| 3 chrA3.361180A | G | 0.4225 | 3924 |
| 3 chrA3.355043A | C | 0.2996 | 3972 |
| 3 chrA3.350956G | A | 0.2504 | 3958 |
| 3 chrA3.339027C | A | 0.3317 | 3958 |
| 3 chrA3.334679A | G | 0.4948 | 4004 |
| 3 chrA3.329906G | A | 0.496 | 3994 |
| 3 chrA3.325909A | G | 0.1787 | 4002 |
| 3 chrA3.323401A | G | 0.2146 | 3994 |
| 3 chrA3.317481G | A | 0.4304 | 4006 |
| 3 chrA3.314437A | G | 0.1318 | 4006 |
| 3 chrA3.310360A | G | 0.1612 | 3994 |
| 3 chrA3.298882G | A | 0.1623 | 3930 |
| 3 chrA3.295914G | A | 0.2348 | 3948 |
| 3 chrA3.289279A | G | 0.0785 | 4000 |
| 3 chrA3.286372A | G | 0.004745 | 4004 |
| 3 chrA3.283584G | A | 0.2876 | 3988 |
| 3 chrA3.278581A | G | 0.06163 | 3878 |
| 3 chrA3.272587A | G | 0.1793 | 3998 |
| 3 chrA3.268746G | A | 0.2424 | 3990 |
| 3 chrA3.267842G | A | 0.2651 | 3998 |
| 3 chrA3.257266G | A | 0.2839 | 3984 |
| 3 chrA3.248333G | A | 0.1178 | 4000 |
| 3 chrA3.245142A | C | 0.1516 | 3944 |
| 3 chrA3.240714A | G | 0.04148 | 4002 |
| 3 chrA3.234204A | G | 0.2302 | 3944 |
| 3 chrA3.225936 | 0 G | 0 | 4006 |
| 3 chrA3.225458A | G | 0.08688 | 3902 |
| 3 chrA3.221439A | G | 0.1707 | 3996 |
| 3 chrA3.216372G | A | 0.1665 | 4000 |
| 3 chrA3.211516A | G | 0.19 | 3990 |
| 3 chrA3.208105C | A | 0.1586 | 3990 |
| 3 chrA3.200534C | A | 0.4158 | 4000 |
| 3 chrA3.195314A | G | 0.2391 | 3990 |
| 3 chrA3.179826A | G | 0.3768 | 3992 |
| 3 chrA3.175736A | G | 0.05691 | 4006 |
| 3 chrA3.172385G | A | 0.3803 | 3968 |
| 3 chrA3.165324C | A | 0.25 | 4004 |
| 3 chrA3.161981A | C | 0.405 | 4002 |
| 3 chrA3.159081A | G | 0.3256 | 3980 |

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| 3 chrA3.150966 | A | G | 0.2114 | 4006 |
| 3 chrA3.145952 | A | C | 0.4019 | 3994 |
| 3 chrA3.138590 | G | A | 0.1676 | 3962 |
| 3 chrA3.135750 | G | A | 0.1761 | 4004 |
| 3 chrA3.129787 | A | G | 0.287 | 3990 |
| 3 chrA3.125746 | G | A | 0.1558 | 3942 |
| 3 chrA3.120484 | A | G | 0.1832 | 3958 |
| 3 chrA3.115665 | A | G | 0.4615 | 4000 |
| 3 chrA3.112025 | G | A | 0.02025 | 3852 |
| 3 chrA3.107214 | G | A | 0.2664 | 3998 |
| 3 chrA3.104467 | C | A | 0.3499 | 3990 |
| 3 chrA3.977429 | G | A | 0.1231 | 3998 |
| 3 chrA3.957719 | C | A | 0.1299 | 3980 |
| 3 chrA3.922549 | A | C | 0.2267 | 3974 |
| 3 chrA3.784672 | A | G | 0.0399 | 3960 |
| 3 chrA3.723158 | C | A | 0.3221 | 3986 |
| 3 chrA3.658946 | A | G | 0.1961 | 4004 |
| 3 chrA3.626652 | G | A | 0.3907 | 3972 |
| 3 chrA3.582435 | G | A | 0.1066 | 4004 |
| 3 chrA3.523119 | C | A | 0.2376 | 3818 |
| 3 chrA3.438847 | A | G | 0.1292 | 3892 |
| 3 chrA3.399885 | A | G | 0.3413 | 4000 |
| 3 chrA3.364488 | A | G | 0.3356 | 3990 |
| 3 chrA3.333765 | G | A | 0.4998 | 4004 |
| 3 chrA3.266905 | A | G | 0.4182 | 3816 |
| 3 chrA3.216694 | G | A | 0.2673 | 3996 |
| 3 chrA3.154215 | A | G | 0.2809 | 3998 |
| 3 chrA3.129755 | A | G | 0.3559 | 3942 |
| 3 chrA3.101429 | A | G | 0.1633 | 4006 |
| 3 chrA3.77372 | A | G | 0.0002504 | 3994 |
| 3 chrA3.76404 | G | A | 0.2037 | 3932 |
| 3 chrA3.39780 | C | A | 0.2569 | 4006 |
| 3 chrUn24.250 | G | A | 0.05709 | 3994 |
| 3 chrUn24.244 | A | G | 0.06168 | 3680 |
| 3 chrUn24.232 | G | A | 0.3165 | 3990 |
| 3 chrUn24.228 | G | A | 0.2906 | 4002 |
| 3 chrUn24.225 | G | A | 0.2926 | 3998 |
| 3 chrUn24.222 | A | C | 0.05147 | 4002 |
| 3 chrUn24.215 | G | A | 0.09171 | 3958 |
| 3 chrUn24.211 | C | A | 0.0928 | 3998 |
| 3 chrUn24.207 | A | G | 0.3301 | 3944 |

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| 3 chrUn24.197(G | A | 0.4787 | 3988 |
| 3 chrUn24.193(A | C | 0.08837 | 4006 |
| 3 chrUn24.190(G | A | 0.3874 | 3998 |
| 3 chrUn24.183(A | G | 0.1431 | 3998 |
| 3 chrUn24.177(G | A | 0.2074 | 3988 |
| 3 chrUn24.174(A | C | 0.2995 | 3990 |
| 3 chrUn24.171(A | C | 0.05581 | 3978 |
| 3 chrUn24.165(A | G | 0.3471 | 3964 |
| 3 chrUn24.161(A | G | 0.3053 | 3986 |
| 3 chrUn24.158(A | G | 0.3713 | 3994 |
| 3 chrUn24.155(G | A | 0.3187 | 4000 |
| 3 chrUn24.151(C | A | 0.2212 | 3906 |
| 3 chrUn24.146(A | G | 0.09899 | 3980 |
| 3 chrUn24.144(A | G | 0.4443 | 4002 |
| 3 chrUn24.139(G | A | 0.2858 | 3860 |
| 3 chrUn24.136(C | A | 0.07592 | 4004 |
| 3 chrUn24.130(A | G | 0.08621 | 4002 |
| 3 chrUn24.126(A | G | 0.2741 | 3988 |
| 3 chrUn24.121(A | G | 0.05055 | 3996 |
| 3 chrUn24.112(A | C | 0.2209 | 3980 |
| 3 chrUn24.107(A | C | 0.06331 | 3996 |
| 3 chrUn24.100(C | A | 0.4807 | 3998 |
| 3 chrUn24.973(G | A | 0.06444 | 4004 |
| 3 chrUn24.905(C | A | 0.06792 | 3990 |
| 3 chrUn24.841(A | G | 0.4265 | 4000 |
| 3 chrUn24.777(G | A | 0.3062 | 3704 |
| 3 chrUn24.732(A | G | 0.2362 | 3954 |
| 3 chrUn24.656(G | A | 0.2717 | 3946 |
| 3 chrUn24.569(A | G | 0.134 | 3984 |
| 3 chrUn24.525(A | G | 0.08363 | 3994 |
| 3 chrUn24.416(G | A | 0.07656 | 4010 |
| 3 chrD1.91021(A | G | 0.01895 | 4010 |
| 3 chrUn24.366(A | G | 0.04023 | 4002 |
| 3 chrUn24.289(A | G | 0.064 | 4000 |
| 3 chrUn24.968(A | G | 0.2646 | 4002 |
| 3 chrUn24.608(A | G | 0.366 | 3984 |
| 3 chrUn24.607(A | G | 0.001997 | 4006 |
| 3 chrUn24.607(G | A | 0.3655 | 3828 |
| 3 chrUn24.525(A | C | 0.398 | 3990 |
| 3 chrA3.35547(G | A | 0.1111 | 3996 |
| 3 chrA3.35667(G | A | 0.1429 | 4004 |

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|-----------------|---|----------|------|
| 3 chrA3.357880A | G | 0.2382 | 4000 |
| 3 chrA3.358160G | A | 0.2135 | 3996 |
| 3 chrA3.358760G | A | 0.2032 | 4006 |
| 3 chrA3.359130A | G | 0.4218 | 4002 |
| 3 chrA3.360930A | C | 0.1578 | 3980 |
| 3 chrA3.361600G | A | 0.04867 | 3986 |
| 3 chrA3.361900G | A | 0.4454 | 3974 |
| 3 chrA3.362400A | C | 0.4148 | 4000 |
| 3 chrA3.363050A | C | 0.4462 | 3994 |
| 3 chrA3.363380G | A | 0.4363 | 3986 |
| 3 chrA3.363650G | A | 0.01576 | 3998 |
| 3 chrA3.364390A | G | 0.122 | 3958 |
| 3 chrA3.365130G | A | 0.07875 | 4000 |
| 3 chrA3.365400A | G | 0.02595 | 4008 |
| 3 chrA3.365710A | G | 0.01551 | 3868 |
| 3 chrA3.366260A | G | 0.2474 | 3994 |
| 3 chrA3.366530A | G | 0.479 | 4004 |
| 3 chrA3.366900A | G | 0.3305 | 3930 |
| 3 chrA3.367850C | A | 0.03642 | 3954 |
| 3 chrA3.369080G | A | 0.2504 | 3998 |
| 3 chrUn.190980A | C | 0.4613 | 4006 |
| 3 chrA3.369530A | G | 0.4705 | 4000 |
| 3 chrA3.369820A | G | 0.3353 | 3990 |
| 3 chrA3.370100G | A | 0.1682 | 4006 |
| 3 chrA3.370710A | G | 0.02621 | 4006 |
| 3 chrA3.371130A | G | 0.2567 | 4004 |
| 3 chrA3.371590C | A | 0.2589 | 3978 |
| 3 chrA3.371830A | G | 0.3319 | 3908 |
| 3 chrA3.372380G | A | 0.3859 | 3996 |
| 3 chrA3.372830A | C | 0.2786 | 3998 |
| 3 chrA3.373110C | A | 0.185 | 3972 |
| 3 chrA3.373460C | A | 0.4393 | 3954 |
| 3 chrUn.621290A | G | 0.02625 | 4000 |
| 3 chrA3.374290G | A | 0.4513 | 4004 |
| 3 chrA3.375100A | G | 0.1834 | 4008 |
| 3 chrA3.375440A | G | 0.1258 | 4006 |
| 3 chrA3.375680A | G | 0.005237 | 4010 |
| 3 chrA3.375940A | G | 0.3253 | 4002 |
| 3 chrA3.376420G | A | 0.428 | 4000 |
| 3 chrA3.377060G | A | 0.2844 | 3994 |
| 3 chrA3.377640G | A | 0.3566 | 4004 |

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| 3 chrA3.377935G | A | 0.3884 | 3980 |
| 3 chrA3.378192A | G | 0.4476 | 3970 |
| 3 chrA3.378705A | G | 0.004395 | 3868 |
| 3 chrA3.378958A | G | 0.1435 | 3958 |
| 3 chrA3.379588G | A | 0.1093 | 3998 |
| 3 chrA3.379936G | A | 0.4303 | 4002 |
| 3 chrA3.380655G | A | 0.4421 | 4006 |
| 3 chrA3.380945A | C | 0.04206 | 3804 |
| 3 chrA3.381254G | A | 0.4833 | 4002 |
| 3 chrA3.381662A | G | 0.4672 | 3998 |
| 3 chrA3.382120G | A | 0.03769 | 4006 |
| 3 chrA3.382535A | G | 0.1852 | 4006 |
| 3 chrA3.383035A | G | 0.04668 | 4006 |
| 3 chrA3.383074G | A | 0.356 | 3930 |
| 3 chrA3.383687A | G | 0.3681 | 4004 |
| 3 chrA3.384140A | G | 0.05064 | 3614 |
| 3 chrA3.384415A | G | 0.235 | 3910 |
| 3 chrA3.385154G | A | 0.4997 | 3954 |
| 3 chrA3.385495A | G | 0.2955 | 4000 |
| 3 chrA3.385802A | G | 0.06319 | 3988 |
| 3 chrA3.386117A | G | 0.1577 | 3996 |
| 3 chrA3.386680A | G | 0.1336 | 3998 |
| 3 chrA3.387191G | A | 0.003491 | 4010 |
| 3 chrA3.387287A | G | 0.08987 | 3928 |
| 3 chrA3.388096A | C | 0.03881 | 3994 |
| 3 chrA3.388445A | G | 0.2516 | 3998 |
| 3 chrA3.388732C | A | 0.01131 | 3712 |
| 3 chrA3.389200A | G | 0.1792 | 3968 |
| 3 chrA3.389505G | A | 0.2161 | 4008 |
| 3 chrA3.389566G | A | 0.02896 | 4006 |
| 3 chrA1.258375C | A | 0.1626 | 3986 |
| 3 chrA3.390120G | A | 0.02171 | 4008 |
| 3 chrA3.390394G | A | 0.1028 | 3744 |
| 3 chrA3.390672A | G | 0.01906 | 3988 |
| 3 chrA3.391041A | G | 0.2178 | 4004 |
| 3 chrA3.391387C | A | 0.4573 | 4004 |
| 3 chrA3.391955A | G | 0.4681 | 3852 |
| 3 chrA3.392626A | G | 0.04017 | 4008 |
| 3 chrA3.392930G | A | 0.431 | 4002 |
| 3 chrA3.393414A | G | 0.3941 | 3996 |
| 3 chrA3.393918A | G | 0.2379 | 3998 |

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| 3 chrA3.394261A | G | 0.1837 | 3996 |
| 3 chrA3.394612G | A | 0.08941 | 4004 |
| 3 chrA3.394889A | G | 0.1434 | 4004 |
| 3 chrA3.395282A | C | 0.04289 | 4010 |
| 3 chrA3.396027A | G | 0.1551 | 3958 |
| 3 chrA3.396081G | A | 0.002244 | 4010 |
| 3 chrA3.396435A | G | 0.1039 | 4002 |
| 3 chrA3.397009A | G | 0.1563 | 4004 |
| 3 chrA3.397708A | C | 0.3619 | 3974 |
| 3 chrA3.397982A | C | 0.04847 | 3858 |
| 3 chrA3.398481A | G | 0.119 | 3992 |
| 3 chrA3.398943G | A | 0.2248 | 3848 |
| 3 chrA3.399227G | A | 0.2405 | 4004 |
| 3 chrA3.400085A | C | 0.4682 | 3996 |
| 3 chrA3.400444A | G | 0.008737 | 4006 |
| 3 chrA3.400531A | G | 0.4332 | 3996 |
| 3 chrA3.400943G | A | 0.09341 | 4004 |
| 3 chrA3.401839A | G | 0.04523 | 4002 |
| 3 chrA3.402855C | A | 0.3645 | 3992 |
| 3 chrA3.403212A | G | 0.1304 | 3996 |
| 3 chrA3.403471G | A | 0.2993 | 4000 |
| 3 chrA3.403998A | C | 0.1325 | 4008 |
| 3 chrA3.404496A | G | 0.2166 | 3988 |
| 3 chrA3.404744A | G | 0.1415 | 3992 |
| 3 chrA3.405067A | G | 0.2497 | 3988 |
| 3 chrA3.405644A | G | 0.01203 | 3990 |
| 3 chrA3.406003A | G | 0.1486 | 3996 |
| 3 chrA3.406074A | G | 0.1528 | 3986 |
| 3 chrA3.406567A | C | 0.1183 | 3828 |
| 3 chrA3.406838A | G | 0.05704 | 3752 |
| 3 chrA3.407184A | G | 0.0655 | 4000 |
| 3 chrA3.407530A | G | 0.0164 | 3842 |
| 3 chrA3.407981A | C | 0.0962 | 4002 |
| 3 chrA3.122159A | G | 0.2978 | 4006 |
| 3 chrA3.408962G | A | 0.4993 | 4008 |
| 3 chrA3.409203C | A | 0.04814 | 3926 |
| 3 chrA3.409326A | G | 0.1086 | 4004 |
| 3 chrA3.409824A | G | 0.1084 | 4004 |
| 3 chrA3.410095G | A | 0.1147 | 3974 |
| 3 chrA3.410340A | C | 0.1356 | 3932 |
| 3 chrA3.410894G | A | 0.1892 | 3986 |

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| 3 chrA3.411367G | A | 0.189 | 3990 |
| 3 chrA3.411767G | A | 0.4477 | 3998 |
| 3 chrA3.412076G | A | 0.3148 | 4006 |
| 3 chrA3.412674C | A | 0.05776 | 3826 |
| 3 chrUn.533907A | C | 0.07793 | 3914 |
| 3 chrA3.413374G | A | 0.09886 | 3854 |
| 3 chrA3.413629A | G | 0.2713 | 3992 |
| 3 chrA3.413994A | G | 0.1886 | 4008 |
| 3 chrA3.414487G | A | 0.3074 | 3930 |
| 3 chrA3.415067G | A | 0.404 | 4000 |
| 3 chrA3.415367A | G | 0.492 | 4000 |
| 3 chrA3.416111A | C | 0.1754 | 4002 |
| 3 chrUn.192024A | C | 0.06084 | 3994 |
| 3 chrA3.416949A | G | 0.05325 | 4000 |
| 3 chrA3.417886A | G | 0.1471 | 3998 |
| 3 chrA3.418417 | 0 A | 0 | 4010 |
| 3 chrA3.418908G | A | 0.2666 | 3994 |
| 3 chrA3.419216A | G | 0.02819 | 4008 |
| 3 chrA3.419966A | G | 0.06965 | 4006 |
| 3 chrA3.420709G | A | 0.2188 | 4004 |
| 3 chrA3.421584G | A | 0.4349 | 3996 |
| 3 chrA3.422047A | G | 0.1024 | 3974 |
| 3 chrA3.422397A | G | 0.07904 | 3998 |
| 3 chrA3.422659G | A | 0.0875 | 4000 |
| 3 chrA3.422914A | G | 0.3821 | 4004 |
| 3 chrA3.423507G | A | 0.1766 | 3794 |
| 3 chrA3.423956G | A | 0.1481 | 3998 |
| 3 chrA3.424324A | G | 0.07871 | 4002 |
| 3 chrA3.424956 | 0 G | 0 | 4010 |
| 3 chrA3.424958A | G | 0.3561 | 3726 |
| 3 chrA3.425379A | G | 0.08887 | 4006 |
| 3 chrA3.425636C | A | 0.01194 | 3936 |
| 3 chrA3.425957A | G | 0.2653 | 3988 |
| 3 chrA3.426509A | G | 0.02052 | 3948 |
| 3 chrA3.426749G | A | 0.2605 | 4004 |
| 3 chrA3.427338G | A | 0.1068 | 4008 |
| 3 chrA3.427799A | G | 0.1051 | 3998 |
| 3 chrA3.427807C | A | 0.002247 | 4006 |
| 3 chrA3.428317A | C | 0.1035 | 3990 |
| 3 chrA3.428768A | C | 0.04573 | 4002 |
| 3 chrA3.429117A | G | 0.1093 | 4006 |

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| 3 chrA3.429584C | A | 0.1645 | 4006 |
| 3 chrA3.429962G | A | 0.2631 | 3994 |
| 3 chrA3.430221A | G | 0.07188 | 3798 |
| 3 chrA3.430511A | G | 0.1177 | 4010 |
| 3 chrA3.431221A | G | 0.09091 | 4004 |
| 3 chrA3.431511G | A | 0.2542 | 4000 |
| 3 chrA3.431771A | G | 0.2298 | 4000 |
| 3 chrA3.432541A | G | 0.1328 | 4006 |
| 3 chrA3.432941A | G | 0.2951 | 3988 |
| 3 chrA3.433191G | A | 0.4381 | 3988 |
| 3 chrA3.433444C | A | 0.2779 | 4002 |
| 3 chrA3.433941A | G | 0.07371 | 4002 |
| 3 chrA3.434331A | G | 0.1035 | 4010 |
| 3 chrA3.434581A | G | 0.3436 | 4008 |
| 3 chrA3.434761A | G | 0.1279 | 4004 |
| 3 chrA3.435071A | G | 0.2564 | 4006 |
| 3 chrA3.435611C | A | 0.1244 | 4004 |
| 3 chrA3.436071A | G | 0.2594 | 4010 |
| 3 chrA3.436674A | G | 0.2267 | 3978 |
| 3 chrA3.437221A | G | 0.1316 | 4006 |
| 3 chrA3.437802G | A | 0.3915 | 4000 |
| 3 chrA3.438384G | A | 0.4385 | 3932 |
| 3 chrA3.438814A | G | 0.3199 | 3998 |
| 3 chrA3.439114G | A | 0.1522 | 3996 |
| 3 chrA3.439352A | G | 0.09177 | 4010 |
| 3 chrA3.439591G | A | 0.1214 | 4002 |
| 3 chrA3.441411A | G | 0.1094 | 3996 |
| 3 chrA3.441844A | G | 0.3211 | 3996 |
| 3 chrA3.442161A | G | 0.06897 | 4002 |
| 3 chrA3.442701A | G | 0.0782 | 3990 |
| 3 chrA3.442952C | A | 0.1329 | 3972 |
| 3 chrA3.443531A | G | 0.2734 | 3994 |
| 3 chrA3.443891A | C | 0.2142 | 3996 |
| 3 chrA3.444371G | A | 0.1555 | 3962 |
| 3 chrA3.445001G | A | 0.09684 | 3986 |
| 3 chrA3.445321A | G | 0.01923 | 3848 |
| 3 chrA3.445761G | A | 0.01747 | 4008 |
| 3 chrA3.446341A | G | 0.3245 | 4000 |
| 3 chrA3.446751A | G | 0.1795 | 3960 |
| 3 chrA3.447161A | G | 0.1608 | 4006 |
| 3 chrA3.447451A | C | 0.1296 | 3942 |

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| 3 chrA3.447735G | A | 0.1357 | 3994 |
| 3 chrA3.448035G | A | 0.4713 | 4004 |
| 3 chrA3.448058A | G | 0.4072 | 3996 |
| 3 chrA3.448535A | C | 0.1654 | 3990 |
| 3 chrA3.448834C | A | 0.1279 | 3994 |
| 3 chrA3.449137G | A | 0.1595 | 4000 |
| 3 chrA3.449601G | A | 0.4383 | 4002 |
| 3 chrA3.449949G | A | 0.1893 | 3988 |
| 3 chrA3.450922A | G | 0.3138 | 3980 |
| 3 chrA3.451496A | G | 0.3893 | 3994 |
| 3 chrA3.451625G | A | 0.0002495 | 4008 |
| 3 chrA3.451782A | G | 0.1603 | 4006 |
| 3 chrA3.452165A | G | 0.474 | 3994 |
| 3 chrA3.452570A | G | 0.03422 | 4004 |
| 3 chrA3.452828A | G | 0.1616 | 3886 |
| 3 chrA3.453178A | G | 0.009041 | 3982 |
| 3 chrA3.453675A | G | 0.0004995 | 4004 |
| 3 chrA3.454338A | C | 0.2268 | 4000 |
| 3 chrA3.454656C | A | 0.0774 | 3992 |
| 3 chrA3.455377A | C | 0.2568 | 3996 |
| 3 chrA3.455755G | A | 0.1162 | 3726 |
| 3 chrA3.456150A | G | 0.2583 | 3988 |
| 3 chrA3.456787A | G | 0.1625 | 4006 |
| 3 chrA3.457220C | A | 0.1231 | 4006 |
| 3 chrA3.457458A | G | 0.3168 | 4002 |
| 3 chrA3.457994A | G | 0.2627 | 3924 |
| 3 chrA3.458737A | G | 0.01551 | 3934 |
| 3 chrA3.458999A | G | 0.2282 | 3966 |
| 3 chrA3.459895 | 0 G | 0 | 4010 |
| 3 chrA3.460001G | A | 0.1081 | 3932 |
| 3 chrA3.460379A | C | 0.09184 | 3996 |
| 3 chrA3.460950G | A | 0.03445 | 4006 |
| 3 chrA3.461985A | G | 0.02663 | 3830 |
| 3 chrA3.461497A | G | 0.4348 | 3970 |
| 3 chrA3.462325G | A | 0.2188 | 3980 |
| 3 chrA3.462610A | G | 0.03591 | 4010 |
| 3 chrA3.462862A | G | 0.06951 | 3942 |
| 3 chrA3.463569G | A | 0.07607 | 3970 |
| 3 chrA3.464018A | G | 0.007402 | 3918 |
| 3 chrA3.464282A | G | 0.294 | 3990 |
| 3 chrA3.465169A | G | 0.2958 | 3992 |

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| 3 chrA3.465869G | A | 0.1508 | 4006 |
| 3 chrA3.466134G | A | 0.4635 | 4004 |
| 3 chrA3.466301A | G | 0.2227 | 3996 |
| 3 chrA3.466829A | G | 0.2717 | 4004 |
| 3 chrA3.467117A | G | 0.3328 | 4008 |
| 3 chrA3.467509A | G | 0.385 | 3984 |
| 3 chrA3.467790A | G | 0.3304 | 4004 |
| 3 chrA3.468119G | A | 0.247 | 3972 |
| 3 chrA3.468519G | A | 0.05144 | 3888 |
| 3 chrA3.469229A | G | 0.257 | 4004 |
| 3 chrA3.469849A | G | 0.2065 | 4010 |
| 3 chrUn.588961C | A | 0.4045 | 4000 |
| 3 chrA3.470119G | A | 0.3867 | 4006 |
| 3 chrA3.470849A | C | 0.2258 | 3972 |
| 3 chrA3.471968G | A | 0.1074 | 3874 |
| 3 chrA3.472341A | G | 0.229 | 3900 |
| 3 chrA3.472657A | G | 0.02749 | 4002 |
| 3 chrA3.473089G | A | 0.1593 | 3980 |
| 3 chrA3.473599A | C | 0.1561 | 3934 |
| 3 chrA3.473900G | A | 0.1283 | 3982 |
| 3 chrA3.474219G | A | 0.2192 | 3932 |
| 3 chrA3.474776G | A | 0.4895 | 3994 |
| 3 chrA3.475470A | G | 0.1303 | 4006 |
| 3 chrA3.475908A | C | 0.2918 | 3924 |
| 3 chrA3.476289G | A | 0.01932 | 3986 |
| 3 chrA3.476859G | A | 0.4482 | 3998 |
| 3 chrA3.476919A | G | 0.08288 | 4006 |
| 3 chrA3.477219A | C | 0.05097 | 4002 |
| 3 chrA3.477710C | A | 0.000998 | 4008 |
| 3 chrA3.477978A | C | 0.0009985 | 4006 |
| 3 chrA3.478571A | G | 0.4266 | 4008 |
| 3 chrA3.478849G | A | 0.3446 | 3950 |
| 3 chrA3.479181G | A | 0.07842 | 4004 |
| 3 chrA3.479424A | C | 0.1631 | 4004 |
| 3 chrA3.479908A | G | 0.1971 | 3992 |
| 3 chrA3.480594G | A | 0.02394 | 4010 |
| 3 chrA3.481059G | A | 0.3974 | 3928 |
| 3 chrA3.481530A | G | 0.07867 | 4004 |
| 3 chrA3.483128G | A | 0.09645 | 4002 |
| 3 chrA3.483849A | G | 0.3065 | 4000 |
| 3 chrA3.484108A | G | 0.2401 | 4002 |

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| 3 chrA3.484701G | A | 0.09478 | 3988 |
| 3 chrA3.485147A | G | 0.1554 | 4002 |
| 3 chrA3.485175A | G | 0.006986 | 4008 |
| 3 chrA3.485537A | G | 0.05262 | 4010 |
| 3 chrA3.486009A | G | 0.05589 | 4008 |
| 3 chrA3.486379A | G | 0.3854 | 4004 |
| 3 chrA3.486772G | A | 0.4553 | 4002 |
| 3 chrA3.487775G | A | 0.0808 | 4010 |
| 3 chrA3.488187A | G | 0.006238 | 4008 |
| 3 chrA3.488700A | G | 0.1204 | 3980 |
| 3 chrA3.489269A | G | 0.3307 | 3992 |
| 3 chrA3.489889G | A | 0.4028 | 3990 |
| 3 chrA3.488967A | G | 0.4955 | 3998 |
| 3 chrA3.490496A | G | 0.3747 | 3990 |
| 3 chrA3.489999A | G | 0.1211 | 3998 |
| 3 chrA3.490246A | C | 0.4607 | 3996 |
| 3 chrA3.491041A | G | 0.2231 | 4002 |
| 3 chrA3.491469G | A | 0.386 | 4010 |
| 3 chrA3.492164A | G | 0.2616 | 4002 |
| 3 chrA3.492821A | G | 0.0007485 | 4008 |
| 3 chrA3.493144G | A | 0.1395 | 3994 |
| 3 chrA3.493864A | G | 0.2379 | 3968 |
| 3 chrA3.494368C | A | 0.3533 | 4002 |
| 3 chrA3.495182G | A | 0.4509 | 3968 |
| 3 chrA3.495847G | A | 0.1705 | 4000 |
| 3 chrA3.496640G | A | 0.1412 | 3986 |
| 3 chrUn3.67848A | G | 0.4272 | 3972 |
| 3 chrA3.497656A | G | 0.1339 | 4004 |
| 3 chrA3.497921A | C | 0.1435 | 4008 |
| 3 chrA3.498374A | C | 0.03756 | 3940 |
| 3 chrA3.498812G | A | 0.2996 | 3998 |
| 3 chrA3.499259A | C | 0.1287 | 3954 |
| 3 chrA3.499750A | G | 0.1338 | 3960 |
| 3 chrA3.500542C | A | 0.1479 | 3968 |
| 3 chrA3.501416A | G | 0.1864 | 4008 |
| 3 chrA3.501657A | G | 0.4868 | 4006 |
| 3 chrA3.502239A | G | 0.1914 | 4008 |
| 3 chrA3.503136A | G | 0.3698 | 4002 |
| 3 chrA3.503629 | 0 G | 0 | 4010 |
| 3 chrA3.503704A | C | 0.2045 | 3996 |
| 3 chrA3.504331A | G | 0.08417 | 4004 |

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| 3 chrA3.50437A | C | 0.001503 | 3992 |
| 3 chrA3.50475A | G | 0.09664 | 3994 |
| 3 chrA3.50538A | G | 0.2039 | 4006 |
| 3 chrA3.50543G | A | 0.3061 | 4002 |
| 3 chrA3.50585A | G | 0.2932 | 3898 |
| 3 chrA3.50633G | A | 0.187 | 4000 |
| 3 chrA3.50679A | G | 0.177 | 3994 |
| 3 chrA3.50723A | G | 0.1849 | 4002 |
| 3 chrA3.50773A | G | 0.2165 | 4004 |
| 3 chrA3.50799G | A | 0.2089 | 4006 |
| 3 chrA3.50824A | G | 0.1061 | 4006 |
| 3 chrA3.50997G | A | 0.0007485 | 4008 |
| 3 chrA3.51099G | A | 0.006487 | 4008 |
| 3 chrA3.51137A | C | 0.02273 | 4004 |
| 3 chrA3.51207G | 0 G | 0 | 3998 |
| 3 chrA3.51219A | G | 0.444 | 4002 |
| 3 chrA3.51272G | A | 0.4866 | 3942 |
| 3 chrA3.51315A | G | 0.3008 | 3966 |
| 3 chrA3.51353G | A | 0.2507 | 4004 |
| 3 chrA3.51403A | C | 0.1175 | 4000 |
| 3 chrA3.51500A | G | 0.225 | 4000 |
| 3 chrA3.51546A | G | 0.117 | 4010 |
| 3 chrA3.51574C | A | 0.03145 | 4006 |
| 3 chrA3.51640A | G | 0.4948 | 4000 |
| 3 chrA3.51685A | C | 0.4255 | 4000 |
| 3 chrA3.51714A | C | 0.03117 | 4010 |
| 3 chrA3.51743G | 0 A | 0 | 4006 |
| 3 chrA3.51776A | G | 0.2693 | 3988 |
| 3 chrA3.51815A | C | 0.25 | 3996 |
| 3 chrA3.51842A | G | 0.224 | 4004 |
| 3 chrA3.51866C | A | 0.2778 | 4006 |
| 3 chrA3.51897A | C | 0.2434 | 3956 |
| 3 chrA3.51925G | A | 0.2357 | 3988 |
| 3 chrA3.51959A | G | 0.07465 | 3992 |
| 3 chrA3.52001A | G | 0.3811 | 4004 |
| 3 chrA3.52058A | G | 0.2461 | 3998 |
| 3 chrA3.52115G | A | 0.2351 | 3998 |
| 3 chrA3.52196A | G | 0.3468 | 3996 |
| 3 chrA3.52271A | G | 0.4082 | 3996 |
| 3 chrA3.52312G | A | 0.241 | 3988 |
| 3 chrA3.52353G | A | 0.3173 | 3996 |

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| 3 chrA3.523831C | A | 0.2552 | 3962 |
| 3 chrA3.523931 | 0 A | 0 | 4008 |
| 3 chrA3.524351G | A | 0.03017 | 4010 |
| 3 chrA3.524861A | G | 0.2782 | 3986 |
| 3 chrA3.525611A | G | 0.05844 | 4004 |
| 3 chrA3.526181G | A | 0.1612 | 3976 |
| 3 chrA3.526621A | G | 0.00998 | 4008 |
| 3 chrA3.527191G | A | 0.3611 | 3996 |
| 3 chrA3.527641G | A | 0.04477 | 3976 |
| 3 chrA3.528771C | A | 0.2265 | 3986 |
| 3 chrA3.529051A | C | 0.1107 | 3982 |
| 3 chrA3.529521A | C | 0.1178 | 3998 |
| 3 chrA3.529721A | G | 0.1947 | 4002 |
| 3 chrA3.530301A | G | 0.01446 | 4010 |
| 3 chrA3.530661A | G | 0.3995 | 3992 |
| 3 chrA3.531041A | G | 0.1331 | 4006 |
| 3 chrA3.531361G | A | 0.2841 | 3998 |
| 3 chrA3.531851A | C | 0.08283 | 4008 |
| 3 chrA3.532601A | C | 0.448 | 3944 |
| 3 chrA3.533101C | A | 0.4017 | 3988 |
| 3 chrA3.533451A | G | 0.162 | 4006 |
| 3 chrA3.533921G | A | 0.03829 | 3996 |
| 3 chrA3.534171A | G | 0.3872 | 4000 |
| 3 chrA3.534411A | G | 0.3389 | 4004 |
| 3 chrA3.534951A | C | 0.1596 | 4004 |
| 3 chrA3.535241A | C | 0.05625 | 3982 |
| 3 chrA3.535591G | A | 0.3982 | 4008 |
| 3 chrA3.535931C | A | 0.09161 | 4006 |
| 3 chrA3.536931G | A | 0.1275 | 3978 |
| 3 chrA3.537261A | G | 0.1072 | 4010 |
| 3 chrA3.537661A | C | 0.1348 | 4006 |
| 3 chrA3.537941A | C | 0.345 | 4000 |
| 3 chrA3.538471A | G | 0.01722 | 4008 |
| 3 chrA3.538811G | A | 0.3619 | 3998 |
| 3 chrA3.539231G | A | 0.01573 | 4004 |
| 3 chrA3.539471G | A | 0.2161 | 4002 |
| 3 chrA3.540531A | G | 0.4393 | 3986 |
| 3 chrA3.541181G | A | 0.3917 | 3998 |
| 3 chrA3.541611A | G | 0.1496 | 4004 |
| 3 chrA3.541911G | A | 0.4428 | 3970 |
| 3 chrA3.542211A | G | 0.01275 | 4000 |

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| 3 chrA3.542835A | G | 0.02238 | 3888 |
| 3 chrA3.543084G | A | 0.4194 | 3984 |
| 3 chrA3.543617A | G | 0.007286 | 3980 |
| 3 chrA3.543965G | A | 0.05215 | 4008 |
| 3 chrA3.544505A | G | 0.04096 | 4004 |
| 3 chrA3.544966A | C | 0.1038 | 4006 |
| 3 chrA3.545264A | G | 0.2146 | 4002 |
| 3 chrA3.545846A | G | 0.04663 | 4010 |
| 3 chrA3.546146A | G | 0.02406 | 3990 |
| 3 chrA3.546155G | A | 0.1737 | 4000 |
| 3 chrA3.546787G | A | 0.1681 | 4010 |
| 3 chrA3.547161A | G | 0.06197 | 3986 |
| 3 chrA3.547725A | G | 0.2441 | 3752 |
| 3 chrA3.547987G | A | 0.05786 | 3958 |
| 3 chrA3.548325A | G | 0.06437 | 4008 |
| 3 chrA3.549195A | G | 0.1775 | 4000 |
| 3 chrA3.549607G | A | 0.3503 | 4008 |
| 3 chrA3.549906A | G | 0.009245 | 4002 |
| 3 chrA3.550504A | G | 0.1055 | 4008 |
| 3 chrA3.550966A | G | 0.4078 | 3982 |
| 3 chrA3.551367A | G | 0.3239 | 3992 |
| 3 chrA3.551727G | A | 0.4097 | 3996 |
| 3 chrA3.551967A | G | 0.4234 | 3984 |
| 3 chrA3.552827A | G | 0.06645 | 3762 |
| 3 chrA3.553105A | G | 0.06 | 4000 |
| 3 chrA3.553825C | A | 0.1178 | 4008 |
| 3 chrA3.554857A | C | 0.23 | 3992 |
| 3 chrA3.555016A | C | 0.00557 | 3950 |
| 3 chrA3.555135C | A | 0.4792 | 3996 |
| 3 chrA3.555424A | C | 0.0897 | 3980 |
| 3 chrA3.555804A | G | 0.05813 | 4008 |
| 3 chrA3.556111A | G | 0.09339 | 3994 |
| 3 chrA3.556596A | G | 0.3836 | 4004 |
| 3 chrA3.557105A | C | 0.3589 | 4004 |
| 3 chrA3.557628A | G | 0.2365 | 4004 |
| 3 chrA3.557956A | G | 0.08212 | 3970 |
| 3 chrA3.558257G | A | 0.05069 | 3906 |
| 3 chrA3.558541G | A | 0.04952 | 3958 |
| 3 chrA3.558916C | A | 0.06523 | 3986 |
| 3 chrA3.559695G | A | 0.0499 | 4008 |
| 3 chrA3.560117A | G | 0.3256 | 3990 |

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| 3 chrA3.560504G | A | 0.05819 | 4004 |
| 3 chrA3.561375A | G | 0.05669 | 4004 |
| 3 chrA3.561821G | A | 0.008612 | 3832 |
| 3 chrA3.562066A | G | 0.3939 | 3948 |
| 3 chrA3.562380C | A | 0.338 | 3970 |
| 3 chrA3.563269G | A | 0.04564 | 3966 |
| 3 chrA3.563711G | A | 0.3164 | 3916 |
| 3 chrA3.564328G | A | 0.2486 | 3978 |
| 3 chrA3.564575G | A | 0.3829 | 3998 |
| 3 chrA3.564904G | A | 0.1708 | 4004 |
| 3 chrA3.565201G | A | 0.03377 | 3998 |
| 3 chrA3.565739A | G | 0.408 | 3990 |
| 3 chrA3.566059G | A | 0.08918 | 3992 |
| 3 chrA3.566731G | A | 0.03498 | 4002 |
| 3 chrA3.566851A | G | 0.3041 | 4002 |
| 3 chrA3.567536G | A | 0.2318 | 4004 |
| 3 chrA3.568221G | A | 0.2361 | 3998 |
| 3 chrA3.568667A | G | 0.05292 | 4006 |
| 3 chrA3.569108G | A | 0.3375 | 4000 |
| 3 chrA3.569390C | A | 0.121 | 3678 |
| 3 chrA3.569671A | G | 0.2515 | 4000 |
| 3 chrA3.569917A | G | 0.1506 | 3998 |
| 3 chrA3.570999A | C | 0.008246 | 4002 |
| 3 chrUn.181980A | G | 0.07681 | 4010 |
| 3 chrA3.571384A | G | 0.1706 | 4004 |
| 3 chrA3.571799A | G | 0.2049 | 3958 |
| 3 chrA3.572040A | C | 0.05672 | 4002 |
| 3 chrA3.572658G | A | 0.147 | 3992 |
| 3 chrUn23.925 G | A | 0.4198 | 3952 |
| 3 chrA3.573558A | C | 0.1083 | 3822 |
| 3 chrA3.573871A | C | 0.1651 | 3700 |
| 3 chrUn23.2711A | G | 0.04441 | 3918 |
| 3 chrUn23.3344A | G | 0.02695 | 4008 |
| 3 chrA3.574185A | G | 0.09375 | 4000 |
| 3 chrA3.574611C | A | 0.2459 | 3994 |
| 3 chrA3.574981A | G | 0.3933 | 3994 |
| 3 chrUn24.628 C | A | 0.004786 | 3970 |
| 3 chrUn23.5931G | A | 0.001995 | 4010 |
| 3 chrA3.642371 | 0 G | 0 | 4010 |
| 3 chrA3.642646G | A | 0.1432 | 3994 |
| 3 chrA3.643006G | A | 0.1387 | 4002 |

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| 3 chrA3.643517G | A | 0.4157 | 4010 |
| 3 chrA3.643906G | A | 0.05611 | 4010 |
| 3 chrA3.644798A | G | 0.03625 | 4000 |
| 3 chrA3.645095A | G | 0.03645 | 4006 |
| 3 chrA3.646638A | G | 0.05644 | 4004 |
| 3 chrA3.647348G | A | 0.1628 | 4004 |
| 3 chrA3.647956A | G | 0.05644 | 4004 |
| 3 chrA3.648612A | G | 0.03477 | 3796 |
| 3 chrA3.648973A | G | 0.2652 | 4000 |
| 3 chrA3.649548G | A | 0.4284 | 3994 |
| 3 chrA3.649845A | G | 0.06935 | 3720 |
| 3 chrA3.650106A | G | 0.03402 | 3998 |
| 3 chrA3.650395A | G | 0.03896 | 3850 |
| 3 chrA3.651116A | G | 0.1554 | 4008 |
| 3 chrA3.651547G | A | 0.01655 | 3928 |
| 3 chrA3.652031A | G | 0.2664 | 3994 |
| 3 chrA3.652606A | G | 0.03497 | 4004 |
| 3 chrA3.653011C | A | 0.08614 | 3982 |
| 3 chrA3.653543A | G | 0.3057 | 3988 |
| 3 chrA3.654226G | A | 0.0912 | 4002 |
| 3 chrA3.654505A | G | 0.04014 | 3886 |
| 3 chrA3.656204G | A | 0.2137 | 4006 |
| 3 chrA3.656692G | A | 0.4659 | 3988 |
| 3 chrA3.657193A | C | 0.09308 | 3986 |
| 3 chrA3.657836A | G | 0.03643 | 4008 |
| 3 chrA3.658075A | G | 0.1722 | 4002 |
| 3 chrA3.658516C | A | 0.004498 | 4002 |
| 3 chrA3.658937G | A | 0.09935 | 4006 |
| 3 chrA3.659281A | G | 0.02045 | 4010 |
| 3 chrA3.659308G | A | 0.2481 | 3732 |
| 3 chrA3.659613A | G | 0.005736 | 4010 |
| 3 chrA3.659938A | C | 0.03516 | 4010 |
| 3 chrA3.660205A | G | 0.3776 | 4002 |
| 3 chrE1.126633A | G | 0.4206 | 3992 |
| 3 chrA3.660882A | G | 0.0352 | 4006 |
| 3 chrC1.384906 | 0 A | 0 | 4010 |
| 3 chrD2.163705G | A | 0.3509 | 3830 |
| 3 chrUn.139701A | G | 0.005495 | 4004 |
| 3 chrUn10.1273A | G | 0.03643 | 4008 |
| 3 chrUn10.1319G | A | 0.4744 | 3980 |
| 3 chrUn10.1349G | A | 0.09459 | 3996 |

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| 3 chrUn10.138 | A | G | 0.1097 | 3966 |
| 3 chrUn10.147 | A | C | 0.05547 | 3876 |
| 3 chrUn10.152 | A | G | 0.2083 | 3850 |
| 3 chrUn10.156 | G | A | 0.1054 | 4004 |
| 3 chrUn10.161 | A | C | 0.1236 | 4006 |
| 3 chrUn10.165 | A | C | 0.07239 | 3992 |
| 3 chrUn10.169 | G | A | 0.1556 | 3998 |
| 3 chrUn10.173 | A | G | 0.1625 | 3994 |
| 3 chrUn10.182 | A | G | 0.07688 | 4006 |
| 3 chrUn10.188 | A | G | 0.2741 | 3998 |
| 3 chrUn10.193 | A | G | 0.113 | 4008 |
| 3 chrUn10.204 | G | A | 0.1826 | 4004 |
| 3 chrUn10.210 | G | A | 0.1231 | 3998 |
| 3 chrUn10.214 | A | G | 0.08441 | 3708 |
| 3 chrUn10.222 | C | A | 0.02729 | 3994 |
| 3 chrUn10.228 | A | G | 0.1418 | 3894 |
| 3 chrUn10.234 | G | A | 0.02979 | 3994 |
| 3 chrUn10.237 | G | A | 0.2823 | 3988 |
| 3 chrUn10.243 | G | A | 0.1626 | 3912 |
| 3 chrUn10.250 | A | G | 0.1251 | 3980 |
| 3 chrUn10.254 | C | A | 0.1564 | 3990 |
| 3 chrUn10.265 | A | G | 0.09361 | 4006 |
| 3 chrUn10.260 | G | A | 0.07464 | 4006 |
| 3 chrUn10.262 | A | G | 0.1994 | 4002 |
| 3 chrUn10.268 | A | G | 0.1232 | 4002 |
| 3 chrUn10.273 | G | A | 0.3717 | 3858 |
| 3 chrUn10.284 | C | A | 0.09059 | 3996 |
| 3 chrUn10.287 | G | A | 0.07731 | 4010 |
| 3 chrUn10.296 | G | A | 0.4404 | 4008 |
| 3 chrUn10.301 | A | G | 0.4453 | 3984 |
| 3 chrUn10.303 | G | A | 0.2341 | 4002 |
| 3 chrUn10.306 | G | A | 0.1693 | 4004 |
| 3 chrUn10.310 | A | G | 0.06337 | 4008 |
| 3 chrUn10.312 | G | A | 0.08316 | 3956 |
| 3 chrUn10.316 | A | G | 0.3891 | 3642 |
| 3 chrUn10.319 | | 0 G | 0 | 4010 |
| 3 chrUn10.336 | G | A | 0.3361 | 3996 |
| 3 chrUn10.339 | C | A | 0.3611 | 3800 |
| 3 chrUn10.342 | A | G | 0.05967 | 3938 |
| 3 chrA3.72270 | | 0 G | 0 | 4010 |
| 3 chrA3.72271 | G | A | 0.1767 | 4006 |

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| 3 chrA3.722719A | C | 0.03167 | 4010 |
| 3 chrA3.723253A | G | 0.1425 | 3986 |
| 3 chrA3.723445C | A | 0.3569 | 3990 |
| 3 chrA3.724130G | A | 0.2501 | 3974 |
| 3 chrA3.724446A | G | 0.0959 | 4004 |
| 3 chrA3.724762A | G | 0.002494 | 4010 |
| 3 chrA3.725209A | G | 0.1128 | 4006 |
| 3 chrA3.725885A | G | 0.2281 | 4002 |
| 3 chrA3.726176A | G | 0.245 | 4000 |
| 3 chrA3.726566G | A | 0.2647 | 4008 |
| 3 chrA3.726854C | A | 0.07651 | 3686 |
| 3 chrA3.727541G | A | 0.2389 | 4002 |
| 3 chrA3.727820A | G | 0.3974 | 3976 |
| 3 chrA3.728306A | G | 0.492 | 3996 |
| 3 chrA3.729014G | A | 0.07264 | 4006 |
| 3 chrA3.729251C | A | 0.1377 | 3988 |
| 3 chrA3.729505C | A | 0.2786 | 3962 |
| 3 chrA3.729867A | G | 0.3766 | 3994 |
| 3 chrA3.730271G | A | 0.247 | 3988 |
| 3 chrA3.730514A | G | 0.08367 | 4004 |
| 3 chrA3.731129A | G | 0.4324 | 4008 |
| 3 chrA3.731447A | G | 0.01321 | 3860 |
| 3 chrA3.731769A | G | 0.35 | 4006 |
| 3 chrA3.732246A | G | 0.4007 | 3996 |
| 3 chrA3.732774A | G | 0.04271 | 4004 |
| 3 chrA3.733020G | A | 0.05714 | 4008 |
| 3 chrA3.733537A | C | 0.08635 | 3984 |
| 3 chrA3.734361G | A | 0.2304 | 3976 |
| 3 chrA3.734821A | G | 0.06682 | 3996 |
| 3 chrA3.735188G | A | 0.01672 | 4006 |
| 3 chrA3.735533G | A | 0.3055 | 3964 |
| 3 chrA3.736020A | C | 0.3187 | 3988 |
| 3 chrA3.736280G | A | 0.4714 | 3988 |
| 3 chrA3.736583A | C | 0.1391 | 3990 |
| 3 chrA3.737136G | A | 0.1299 | 3994 |
| 3 chrA3.737445A | G | 0.1343 | 3984 |
| 3 chrA3.737799G | A | 0.4087 | 3998 |
| 3 chrA3.738039G | A | 0.414 | 3998 |
| 3 chrA3.739021G | A | 0.3175 | 3994 |
| 3 chrA3.739245A | C | 0.1888 | 3998 |
| 3 chrA3.739415A | G | 0.2009 | 4006 |

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| 3 chrA3.739656 | A | G | 0.1469 | 4002 |
| 3 chrA3.740459 | A | G | 0.3172 | 3852 |
| 3 chrA3.740814 | A | G | 0.3054 | 3680 |
| 3 chrA3.741156 | A | G | 0.3776 | 3988 |
| 3 chrA3.741589 | G | A | 0.477 | 3952 |
| 3 chrA3.741967 | G | A | 0.3299 | 4004 |
| 3 chrA3.742707 | A | C | 0.3617 | 4006 |
| 3 chrA3.743272 | G | A | 0.4354 | 3992 |
| 3 chrA3.743539 | A | G | 0.005644 | 3898 |
| 3 chrA3.744029 | G | A | 0.4877 | 3998 |
| 3 chrA3.744429 | C | A | 0.01583 | 3916 |
| 3 chrA3.744873 | C | A | 0.3144 | 3810 |
| 3 chrA3.745703 | A | G | 0.05522 | 3984 |
| 3 chrA3.746054 | G | A | 0.3419 | 4004 |
| 3 chrA3.746421 | C | A | 0.333 | 3994 |
| 3 chrA3.746669 | A | G | 0.02754 | 3994 |
| 3 chrA3.747112 | A | G | 0.08863 | 3994 |
| 3 chrA3.747389 | A | G | 0.07554 | 3998 |
| 3 chrA3.748076 | C | A | 0.1473 | 3896 |
| 3 chrA3.748323 | G | A | 0.1588 | 3998 |
| 3 chrA3.748774 | A | G | 0.3877 | 3988 |
| 3 chrA3.749204 | G | A | 0.3276 | 3990 |
| 3 chrA3.749627 | A | G | 0.1597 | 4008 |
| 3 chrA3.749916 | G | A | 0.1831 | 4008 |
| 3 chrA3.750644 | C | A | 0.3857 | 4000 |
| 3 chrA3.750911 | G | A | 0.358 | 4008 |
| 3 chrA3.751228 | A | G | 0.3805 | 3884 |
| 3 chrA3.751669 | A | G | 0.02069 | 3818 |
| 3 chrA3.752040 | A | G | 0.4486 | 3972 |
| 3 chrA3.752627 | G | A | 0.202 | 4010 |
| 3 chrA3.753052 | G | A | 0.2514 | 3990 |
| 3 chrA3.753419 | G | A | 0.007368 | 3936 |
| 3 chrA3.753718 | A | G | 0.1701 | 3992 |
| 3 chrA3.754100 | G | A | 0.4557 | 3996 |
| 3 chrA3.754343 | G | A | 0.08146 | 4002 |
| 3 chrA3.754831 | A | G | 0.06488 | 3992 |
| 3 chrA3.755253 | A | G | 0.1498 | 3998 |
| 3 chrA3.755598 | A | C | 0.4322 | 3970 |
| 3 chrA3.756084 | A | G | 0.04202 | 3998 |
| 3 chrA3.756519 | A | G | 0.1439 | 3990 |
| 3 chrA3.756844 | G | A | 0.4646 | 3960 |

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| 3 chrA3.75715T A | G | 0.2765 | 4004 |
| 3 chrA3.75772T A | G | 0.4748 | 3930 |
| 3 chrA3.75797T G | A | 0.04121 | 4004 |
| 3 chrA3.75826T G | A | 0.49 | 3788 |
| 3 chrA3.75896T A | G | 0.1107 | 3982 |
| 3 chrA3.75968T G | A | 0.4238 | 4002 |
| 3 chrA3.76010T A | G | 0.227 | 3992 |
| 3 chrA3.76040T A | G | 0.2733 | 3718 |
| 3 chrA3.76091T A | G | 0.07225 | 3986 |
| 3 chrA3.76153T G | A | 0.4287 | 3954 |
| 3 chrA3.76181T A | G | 0.3012 | 4010 |
| 3 chrA3.76219T A | G | 0.46 | 3998 |
| 3 chrA3.76255T A | G | 0.05229 | 3672 |
| 3 chrA3.76262T A | G | 0.4434 | 4008 |
| 3 chrA3.76281T A | G | 0.09186 | 4006 |
| 3 chrA3.76316T A | G | 0.1815 | 3846 |
| 3 chrA3.76371T G | A | 0.2613 | 3996 |
| 3 chrA3.76403T A | G | 0.332 | 3994 |
| 3 chrA3.76456T A | G | 0.3592 | 3992 |
| 3 chrA3.76496T C | A | 0.1211 | 3932 |
| 3 chrA3.76583T G | A | 0.2209 | 4006 |
| 3 chrA3.76611T G | A | 0.3925 | 4008 |
| 3 chrA3.76671T A | C | 0.0002494 | 4010 |
| 3 chrA3.76726T C | A | 0.3919 | 4006 |
| 3 chrA3.76763T A | G | 0.1265 | 4008 |
| 3 chrA3.76846T A | G | 0.1238 | 4006 |
| 3 chrA3.76895T A | G | 0.0004995 | 4004 |
| 3 chrA3.76932T A | G | 0.08717 | 3992 |
| 3 chrA3.76978T A | G | 0.2387 | 3950 |
| 3 chrA3.77020T G | A | 0.2428 | 3916 |
| 3 chrA3.77076T G | A | 0.2524 | 3998 |
| 3 chrA3.77116T A | G | 0.211 | 3986 |
| 3 chrA3.77156T A | G | 0.2227 | 3952 |
| 3 chrA3.77204T G | A | 0.2015 | 3930 |
| 3 chrA3.77223T G | A | 0.3988 | 4002 |
| 3 chrA3.77233T A | G | 0.14 | 4006 |
| 3 chrA3.77268T G | A | 0.01949 | 4002 |
| 3 chrA3.77321T A | C | 0.3263 | 3966 |
| 3 chrA3.77361T A | C | 0.2156 | 4002 |
| 3 chrA3.77407T C | A | 0.2049 | 4006 |
| 3 chrA3.77434T G | A | 0.009995 | 4002 |

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| 3 chrA3.77475T | G | 0.1314 | 4010 |
| 3 chrA3.77515C | G | 0.2105 | 3720 |
| 3 chrA3.77563T | C | 0.397 | 3970 |
| 3 chrA3.77634T | A | 0.2572 | 4008 |
| 3 chrA3.77712T | G | 0.1031 | 4006 |
| 3 chrA3.77759C | G | 0.2726 | 4006 |
| 3 chrA3.77817G | A | 0.3263 | 3972 |
| 3 chrA3.77842T | G | 0.3434 | 3952 |
| 3 chrA3.77867G | A | 0.0195 | 4000 |
| 3 chrA3.77917C | G | 0.09755 | 3998 |
| 3 chrA3.77988T | A | 0.1524 | 4008 |
| 3 chrA3.78038C | G | 0.007742 | 4004 |
| 3 chrA3.78070T | A | 0.3689 | 3998 |
| 3 chrA3.78113T | A | 0.2396 | 4002 |
| 3 chrA3.78178T | G | 0.3959 | 4004 |
| 3 chrA3.78232T | G | 0.1396 | 3960 |
| 3 chrA3.78263C | A | 0.1224 | 4002 |
| 3 chrA3.78323T | C | 0.1995 | 3984 |
| 3 chrA3.78366C | G | 0.3209 | 3646 |
| 3 chrA3.78401T | A | 0.1331 | 4006 |
| 3 chrA3.78441T | G | 0.04741 | 4008 |
| 3 chrA3.78481T | G | 0.2566 | 4010 |
| 3 chrA3.78517T | A | 0.2154 | 3936 |
| 3 chrA3.78551T | G | 0.06494 | 4004 |
| 3 chrA3.78598C | G | 0.4761 | 3982 |
| 3 chrA3.78645T | C | 0.1039 | 4002 |
| 3 chrA3.78676C | G | 0.0489 | 4008 |
| 3 chrA3.78782T | A | 0.2528 | 3976 |
| 3 chrA3.78806T | G | 0.2654 | 3998 |
| 3 chrA3.78835T | A | 0.1862 | 4006 |
| 3 chrA3.78857C | 0 A | 0 | 4002 |
| 3 chrUn.80498T | G | 0.3002 | 3958 |
| 3 chrA3.78879T | G | 0.3005 | 4006 |
| 3 chrA3.78919T | G | 0.08138 | 4006 |
| 3 chrA3.78945C | C | 0.497 | 3964 |
| 3 chrA3.79000T | A | 0.1257 | 4008 |
| 3 chrA3.79112C | G | 0.3413 | 3982 |
| 3 chrA3.79142T | G | 0.2995 | 4010 |
| 3 chrA3.79220T | G | 0.4572 | 3974 |
| 3 chrA3.79259C | A | 0.1868 | 3886 |
| 3 chrA3.79286T | A | 0.4785 | 4000 |

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| 3 chrA3.793634A | G | 0.3652 | 3998 |
| 3 chrA3.793963A | G | 0.06915 | 4006 |
| 3 chrA3.794231A | C | 0.3734 | 3854 |
| 3 chrA3.794558A | G | 0.06038 | 4008 |
| 3 chrA3.795673G | A | 0.4301 | 4004 |
| 3 chrA3.795758A | G | 0.01548 | 4004 |
| 3 chrA3.797098A | C | 0.426 | 4002 |
| 3 chrA3.797736A | G | 0.007692 | 3900 |
| 3 chrA3.798427A | G | 0.14 | 4000 |
| 3 chrA3.798688A | G | 0.265 | 4000 |
| 3 chrA3.799191A | G | 0.1747 | 4006 |
| 3 chrD3.753864A | G | 0.3586 | 3988 |
| 3 chrA3.800109G | A | 0.02523 | 3766 |
| 3 chrA3.800541G | A | 0.004738 | 4010 |
| 3 chrA3.801316G | A | 0.2573 | 3992 |
| 3 chrA3.801666G | A | 0.1216 | 4004 |
| 3 chrA3.802431A | C | 0.01322 | 4008 |
| 3 chrA3.802726G | A | 0.4746 | 3934 |
| 3 chrA3.803139A | G | 0.1795 | 4000 |
| 3 chrA3.803399A | G | 0.256 | 3980 |
| 3 chrA3.803727A | G | 0.3262 | 3998 |
| 3 chrA3.804002A | G | 0.3726 | 3910 |
| 3 chrA3.804749A | G | 0.02373 | 4004 |
| 3 chrA3.804899A | G | 0.06119 | 4004 |
| 3 chrA3.808842A | G | 0.1511 | 3992 |
| 3 chrA3.809702C | A | 0.07029 | 3998 |
| 3 chrUn.111644A | G | 0.387 | 4008 |
| 3 chrA3.812666A | G | 0.06722 | 3972 |
| 3 chrA3.813705C | A | 0.473 | 3924 |
| 3 chrA3.815226A | G | 0.1134 | 3846 |
| 3 chrA3.816368G | A | 0.1766 | 3856 |
| 3 chrA3.816832A | G | 0.3316 | 3920 |
| 3 chrA3.817184A | G | 0.217 | 3990 |
| 3 chrA3.797982A | G | 0.1971 | 3998 |
| 3 chrA3.820202G | A | 0.4317 | 3998 |
| 3 chrA3.820471C | A | 0.2445 | 3996 |
| 3 chrA3.823996G | A | 0.378 | 4000 |
| 3 chrA3.824525A | G | 0.07534 | 3982 |
| 3 chrA3.829209A | G | 0.4629 | 3992 |
| 3 chrB3.154881G | A | 0.1232 | 4002 |
| 3 chrB3.154885A | G | 0.07949 | 3950 |

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| 3 chrA3.834051A | G | 0.2755 | 3986 |
| 3 chrA3.837781A | G | 0.207 | 4004 |
| 3 chrA3.838991C | A | 0.4345 | 4000 |
| 3 chrA3.841774A | G | 0.06365 | 4006 |
| 3 chrA3.842979G | A | 0.2526 | 3986 |
| 3 chrA3.845764G | A | 0.4909 | 3972 |
| 3 chrA3.847084G | A | 0.2943 | 3996 |
| 3 chrA3.850154C | A | 0.02882 | 3990 |
| 3 chrA3.853462A | G | 0.00251 | 3984 |
| 3 chrA3.854026A | G | 0.4238 | 3992 |
| 3 chrA3.856595G | A | 0.286 | 4000 |
| 3 chrA3.860372G | A | 0.2763 | 3996 |
| 3 chrA3.864106G | A | 0.1886 | 3992 |
| 3 chrA3.865486A | G | 0.3119 | 3950 |
| 3 chrA3.867406C | A | 0.3076 | 3996 |
| 3 chrA3.869111A | G | 0.2722 | 3994 |
| 3 chrA3.870138G | A | 0.3537 | 3984 |
| 3 chrA3.870568A | G | 0.2556 | 3960 |
| 3 chrA3.870961A | G | 0.3544 | 3942 |
| 3 chrA3.871772A | G | 0.1931 | 3916 |
| 3 chrA3.875242C | A | 0.1342 | 3852 |
| 3 chrA3.875844A | G | 0.2351 | 3998 |
| 3 chrA3.876757C | A | 0.1284 | 4002 |
| 3 chrA3.878254G | A | 0.2437 | 3918 |
| 3 chrA3.878571A | G | 0.1636 | 3832 |
| 3 chrA3.878907G | A | 0.1597 | 4002 |
| 3 chrA3.880521A | G | 0.1193 | 3998 |
| 3 chrUn.428211C | A | 0.4613 | 3824 |
| 3 chrA3.882569A | G | 0.3949 | 3996 |
| 3 chrA3.883118G | A | 0.4094 | 3994 |
| 3 chrA3.885081C | A | 0.04219 | 3982 |
| 3 chrA3.885162A | G | 0.001496 | 4010 |
| 3 chrA3.885716A | G | 0.3174 | 3986 |
| 3 chrA3.886821A | C | 0.2051 | 3998 |
| 3 chrA3.887835G | A | 0.02783 | 3988 |
| 3 chrA3.888544A | G | 0.01224 | 3920 |
| 3 chrA3.892235A | G | 0.2647 | 3974 |
| 3 chrA3.892912G | A | 0.3207 | 3998 |
| 3 chrA3.893312A | G | 0.492 | 4000 |
| 3 chrA3.894628A | G | 0.3439 | 3998 |
| 3 chrA3.894961G | A | 0.09461 | 4006 |

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| 3 chrA3.895335A | G | 0.2851 | 3992 |
| 3 chrA3.895926A | G | 0.3984 | 3978 |
| 3 chrA3.896208A | G | 0.03391 | 3834 |
| 3 chrA3.897128A | G | 0.2904 | 4002 |
| 3 chrA3.900041G | A | 0.08558 | 3926 |
| 3 chrA3.901224A | G | 0.009486 | 4006 |
| 3 chrA3.902500A | G | 0.4021 | 4006 |
| 3 chrA3.903766A | G | 0.2296 | 3994 |
| 3 chrA3.906876G | A | 0.492 | 4006 |
| 3 chrA3.907346G | A | 0.1708 | 4010 |
| 3 chrA3.907585G | A | 0.2584 | 3998 |
| 3 chrA3.907828A | G | 0.1262 | 4008 |
| 3 chrA3.908796A | C | 0.05314 | 4008 |
| 3 chrA3.910838G | A | 0.359 | 4000 |
| 3 chrA3.912275A | G | 0.2345 | 3948 |
| 3 chrUn.713500G | A | 0.1735 | 4006 |
| 3 chrA3.912912G | A | 0.2876 | 3998 |
| 3 chrA3.914419A | G | 0.001497 | 4008 |
| 3 chrA3.915568A | C | 0.3543 | 4000 |
| 3 chrA3.917125G | A | 0.3525 | 3994 |
| 3 chrA3.917704A | G | 0.08603 | 4010 |
| 3 chrA3.918761G | A | 0.4739 | 3982 |
| 3 chrA3.919249C | A | 0.4242 | 3996 |
| 3 chrA3.919517G | A | 0.2607 | 4004 |
| 3 chrUn.323730A | G | 0.1747 | 3990 |
| 3 chrA3.922181C | A | 0.1715 | 3930 |
| 3 chrA3.922842A | C | 0.4817 | 3990 |
| 3 chrA3.923245G | A | 0.28 | 4004 |
| 3 chrA3.926637A | G | 0.1173 | 4006 |
| 3 chrA3.926936C | A | 0.01575 | 4000 |
| 3 chrA3.927378A | G | 0.3833 | 3994 |
| 3 chrA3.928086G | A | 0.3142 | 3956 |
| 3 chrA3.929195A | G | 0.3875 | 4000 |
| 3 chrA3.931396A | G | 0.1634 | 3880 |
| 3 chrUn.520329C | A | 0.07805 | 3882 |
| 3 chrA3.933646A | G | 0.191 | 3984 |
| 3 chrA3.933277G | A | 0.1 | 4000 |
| 3 chrA3.935031C | A | 0.2761 | 3890 |
| 3 chrA3.936085A | C | 0.2554 | 4002 |
| 3 chrUn.452476A | C | 0.08725 | 4000 |
| 3 chrUn.516850A | G | 0.05038 | 3930 |

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| 3 chrA3.940301C | A | 0.3445 | 3980 |
| 3 chrB1.189480A | G | 0.2537 | 4000 |
| 3 chrA3.941174G | A | 0.01198 | 4006 |
| 3 chrUn.320244G | A | 0.3424 | 4004 |
| 3 chrA3.941680A | C | 0.3087 | 4004 |
| 3 chrA3.943880A | G | 0.1397 | 3988 |
| 3 chrUn.750318A | C | 0.3332 | 3862 |
| 3 chrA3.946352G | A | 0.2239 | 4006 |
| 3 chrA3.947931A | C | 0.254 | 4004 |
| 3 chrA3.949734C | A | 0.2132 | 3972 |
| 3 chrA3.950098G | A | 0.2596 | 3998 |
| 3 chrUn38.1210G | A | 0.4455 | 3980 |
| 3 chrUn38.1214A | C | 0.2763 | 3996 |
| 3 chrUn38.1217A | G | 0.1035 | 4010 |
| 3 chrUn38.1220A | G | 0.3016 | 3982 |
| 3 chrB4.138673A | G | 0.441 | 4000 |
| 3 chrA3.953611G | A | 0.4895 | 4002 |
| 3 chrA3.954016A | G | 0.1986 | 4004 |
| 3 chrA3.954265G | A | 0.2074 | 3992 |
| 3 chrA3.955855G | A | 0.2757 | 4000 |
| 3 chrA3.956671A | G | 0.1006 | 4006 |
| 3 chrA3.959664A | G | 0.08733 | 3916 |
| 3 chrUn.637390A | C | 0.1549 | 3796 |
| 3 chrA3.961048A | G | 0.479 | 3914 |
| 3 chrA3.962949A | G | 0.1617 | 4008 |
| 3 chrA3.963401A | G | 0.1728 | 4004 |
| 3 chrA3.963878G | A | 0.1226 | 4004 |
| 3 chrA3.964640A | G | 0.1161 | 3858 |
| 3 chrA3.965238A | G | 0.3985 | 3982 |
| 3 chrA3.965950G | A | 0.2933 | 4006 |
| 3 chrA3.966430A | G | 0.2787 | 3908 |
| 3 chrA3.967178A | G | 0.0252 | 4008 |
| 3 chrA3.967685A | G | 0.3035 | 3970 |
| 3 chrA3.968356A | G | 0.09995 | 3762 |
| 3 chrA3.969016G | A | 0.1071 | 3998 |
| 3 chrA3.969548G | A | 0.3632 | 4006 |
| 3 chrA3.970161A | C | 0.2673 | 4010 |
| 3 chrA3.970197G | A | 0.03802 | 3998 |
| 3 chrA3.970810C | A | 0.2439 | 4002 |
| 3 chrA3.971235G | A | 0.4757 | 3996 |
| 3 chrA3.971555G | A | 0.07946 | 4002 |

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| 3 chrA3.971971A | G | 0.1279 | 4002 |
| 3 chrA3.97258C | A | 0.12 | 4000 |
| 3 chrA3.97293G | A | 0.4413 | 4004 |
| 3 chrA3.97392A | G | 0.243 | 3996 |
| 3 chrA3.97458G | A | 0.4677 | 3994 |
| 3 chrA3.97533A | G | 0.272 | 3978 |
| 3 chrA3.97595A | C | 0.2352 | 3980 |
| 3 chrA3.976281G | A | 0.03802 | 3682 |
| 3 chrA3.97652G | G | 0.0375 | 4000 |
| 3 chrA3.976537A | G | 0.2056 | 4008 |
| 3 chrA3.97714C | A | 0.2264 | 4002 |
| 3 chrA3.97787A | G | 0.08245 | 3966 |
| 3 chrA3.97835G | A | 0.08609 | 3996 |
| 3 chrA3.97903C | A | 0.1992 | 3986 |
| 3 chrA3.97974A | G | 0.2525 | 3992 |
| 3 chrA3.98022C | A | 0.0511 | 3992 |
| 3 chrA3.98066C | A | 0.2463 | 3874 |
| 3 chrA3.98095A | G | 0.01771 | 4010 |
| 3 chrA3.98157A | G | 0.09865 | 4004 |
| 3 chrA3.98195G | G | 0.0004988 | 4010 |
| 3 chrA3.98246A | G | 0.2981 | 3998 |
| 3 chrA3.98279G | A | 0.01971 | 4008 |
| 3 chrUn.61198C | A | 0.2317 | 3884 |
| 3 chrA3.98307A | G | 0.4858 | 4004 |
| 3 chrA3.98336A | G | 0.2875 | 3972 |
| 3 chrA3.98370G | A | 0.08897 | 3990 |
| 3 chrA3.98414 | 0 G | 0 | 4010 |
| 3 chrA3.98421A | G | 0.004741 | 4008 |
| 3 chrA3.98497A | G | 0.4371 | 3988 |
| 3 chrA3.98535C | 0 G | 0 | 4008 |
| 3 chrA3.98562C | A | 0.1557 | 4008 |
| 3 chrA3.98611C | A | 0.2443 | 3884 |
| 3 chrA3.98669A | C | 0.1594 | 4002 |
| 3 chrA3.98743A | G | 0.01401 | 3854 |
| 3 chrA3.98766G | A | 0.1727 | 3914 |
| 3 chrA3.988061G | A | 0.2505 | 4008 |
| 3 chrA3.98943G | A | 0.1231 | 3876 |
| 3 chrA3.98973A | G | 0.4559 | 3994 |
| 3 chrA3.99029A | G | 0.3261 | 3990 |
| 3 chrA3.99099G | A | 0.137 | 3948 |
| 3 chrA3.99192A | G | 0.4687 | 3996 |

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| 3 chrA3.992961A | G | 0.3665 | 3986 |
| 3 chrA3.993618A | G | 0.1031 | 3794 |
| 3 chrA3.993928C | A | 0.4438 | 4004 |
| 3 chrA3.994246A | G | 0.07212 | 3924 |
| 3 chrA3.994564A | G | 0.09686 | 3882 |
| 3 chrA3.994987A | G | 0.1777 | 4002 |
| 3 chrA3.995528A | C | 0.0988 | 3998 |
| 3 chrA3.996531C | A | 0.1082 | 4002 |
| 3 chrA3.996818A | G | 0.08316 | 3752 |
| 3 chrA3.997236A | C | 0.189 | 4000 |
| 3 chrA3.998066A | G | 0.1233 | 4006 |
| 3 chrA3.998391A | G | 0.03985 | 3714 |
| 3 chrA3.998458C | A | 0.01897 | 4006 |
| 3 chrUn.498636A | G | 0.2104 | 3974 |
| 3 chrA3.998918G | A | 0.3627 | 3998 |
| 3 chrA3.999194A | G | 0.1394 | 4010 |
| 3 chrA3.100028A | G | 0.2115 | 3996 |
| 3 chrA3.100067A | G | 0.1503 | 4006 |
| 3 chrA3.100128G | A | 0.3811 | 4002 |
| 3 chrA3.100151A | G | 0.2814 | 3994 |
| 3 chrX.1479927A | C | 0.0113 | 3982 |
| 3 chrA3.100188A | G | 0.2943 | 4000 |
| 3 chrA3.100236G | A | 0.05994 | 4004 |
| 3 chrA3.100286G | A | 0.2705 | 3956 |
| 3 chrA3.100334A | G | 0.4057 | 3986 |
| 3 chrA3.100377G | A | 0.2571 | 4006 |
| 3 chrA3.100411C | A | 0.4346 | 4004 |
| 3 chrA3.100524A | G | 0.03178 | 3870 |
| 3 chrA3.100596A | G | 0.4733 | 4006 |
| 3 chrA3.100608A | G | 0.0002495 | 4008 |
| 3 chrA3.100626A | C | 0.0007545 | 3976 |
| 3 chrA3.100664A | G | 0.2419 | 4002 |
| 3 chrA3.100766A | G | 0.1861 | 3912 |
| 3 chrA3.100806C | A | 0.4487 | 3994 |
| 3 chrA3.100848A | C | 0.04149 | 3808 |
| 3 chrA3.100957G | A | 0.3538 | 3988 |
| 3 chrA3.100997A | G | 0.09656 | 4008 |
| 3 chrA3.101028A | G | 0.03485 | 3988 |
| 3 chrA3.101088C | A | 0.005739 | 4008 |
| 3 chrA3.101177C | A | 0.2513 | 3992 |
| 3 chrA3.101236A | G | 0.1628 | 4010 |

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| 3 chrA3.101257A | C | 0.2017 | 3976 |
| 3 chrA3.101277A | C | 0.1118 | 4000 |
| 3 chrA3.101334G | A | 0.1872 | 4002 |
| 3 chrA3.101387A | G | 0.1132 | 3994 |
| 3 chrA3.101439A | G | 0.1122 | 4002 |
| 3 chrA3.101469A | G | 0.09139 | 3994 |
| 3 chrA3.101540C | A | 0.1311 | 4004 |
| 3 chrA3.101627A | G | 0.4346 | 4004 |
| 3 chrA3.101652A | G | 0.4687 | 3996 |
| 3 chrA3.101729A | G | 0.4856 | 3958 |
| 3 chrA3.101768A | C | 0.1102 | 3958 |
| 3 chrA3.101800G | A | 0.4805 | 4002 |
| 3 chrA3.101851G | A | 0.1101 | 4004 |
| 3 chrA3.101878G | A | 0.05818 | 3816 |
| 3 chrA3.101909A | G | 0.04461 | 3968 |
| 3 chrA3.101941A | G | 0.3992 | 3990 |
| 3 chrA3.101999G | A | 0.06209 | 3994 |
| 3 chrA3.102009A | G | 0.0005013 | 3990 |
| 3 chrA3.102042C | A | 0.1814 | 3770 |
| 3 chrA3.102078G | A | 0.4773 | 4004 |
| 3 chrA3.102127G | A | 0.03192 | 4010 |
| 3 chrA3.102184A | G | 0.287 | 4000 |
| 3 chrA3.102239G | A | 0.4486 | 3988 |
| 3 chrA3.102291G | A | 0.1631 | 3918 |
| 3 chrA3.102331G | A | 0.03782 | 3860 |
| 3 chrA3.102356G | A | 0.3994 | 3998 |
| 3 chrA3.102386A | G | 0.3926 | 3948 |
| 3 chrA3.102457A | G | 0.3209 | 4010 |
| 3 chrA3.102489A | G | 0.06911 | 4008 |
| 3 chrA3.102554G | A | 0.3786 | 4004 |
| 3 chrA3.102597A | G | 0.1224 | 4010 |
| 3 chrA3.102634G | A | 0.1078 | 3978 |
| 3 chrA3.102689G | A | 0.2212 | 3978 |
| 3 chrA3.102739G | A | 0.4699 | 3990 |
| 3 chrA3.102772G | A | 0.3958 | 4002 |
| 3 chrA3.102811G | A | 0.1379 | 3996 |
| 3 chrA3.102849A | G | 0.1588 | 3804 |
| 3 chrA3.102884A | G | 0.3161 | 3970 |
| 3 chrA3.102918A | G | 0.2923 | 4006 |
| 3 chrA3.102942A | G | 0.02977 | 3896 |
| 3 chrA3.102976A | G | 0.2435 | 3926 |

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| 3 chrA3.103030A | G | 0.09173 | 3990 |
| 3 chrA3.103170A | G | 0.1816 | 4008 |
| 3 chrA3.103210G | A | 0.05456 | 3922 |
| 3 chrA3.103230A | G | 0.2657 | 3990 |
| 3 chrA3.103250A | C | 0.4063 | 3980 |
| 3 chrA3.103270A | G | 0.1285 | 4008 |
| 3 chrA3.103380G | A | 0.3338 | 4008 |
| 3 chrA3.103450A | G | 0.2627 | 4008 |
| 3 chrA3.103560A | G | 0.4234 | 3930 |
| 3 chrA3.103580G | A | 0.3778 | 3984 |
| 3 chrA3.103630A | G | 0.06902 | 3854 |
| 3 chrA3.103710A | G | 0.4404 | 3610 |
| 3 chrA3.103730A | G | 0.3956 | 3860 |
| 3 chrA3.103780G | A | 0.4797 | 3986 |
| 3 chrA3.103820A | G | 0.3031 | 4002 |
| 3 chrF2.602053G | A | 0.3507 | 3650 |
| 3 chrA3.103850G | A | 0.03053 | 3996 |
| 3 chrA3.103890A | G | 0.1845 | 3968 |
| 3 chrA3.103940G | A | 0.2531 | 4002 |
| 3 chrA3.104060A | G | 0.005986 | 3842 |
| 3 chrA3.104090A | C | 0.09284 | 3996 |
| 3 chrA3.104150A | G | 0.09223 | 3990 |
| 3 chrA3.104180C | A | 0.2528 | 3984 |
| 3 chrA3.104210C | 0 A | 0 | 4010 |
| 3 chrA3.104230A | G | 0.3836 | 3976 |
| 3 chrA3.104260A | G | 0.2566 | 4006 |
| 3 chrA3.104340A | G | 0.1888 | 4004 |
| 3 chrA3.104470A | G | 0.09256 | 4008 |
| 3 chrA3.104570A | G | 0.4144 | 3974 |
| 3 chrA3.104620G | A | 0.2808 | 4006 |
| 3 chrA3.104660A | G | 0.3774 | 3932 |
| 3 chrA3.104750G | A | 0.3876 | 4002 |
| 3 chrA3.104780A | G | 0.001508 | 3980 |
| 3 chrUn.514500A | G | 0.3211 | 4002 |
| 3 chrA3.104820G | A | 0.1871 | 4004 |
| 3 chrA3.104880A | G | 0.4151 | 3980 |
| 3 chrA3.104910G | A | 0.1024 | 4004 |
| 3 chrA3.104940G | A | 0.3229 | 3998 |
| 3 chrA3.104940A | G | 0.3075 | 4010 |
| 3 chrA3.104980G | A | 0.1558 | 4006 |
| 3 chrA3.105020A | G | 0.3537 | 3998 |

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| 3 chrA3.105052C | A | 0.148 | 4000 |
| 3 chrA3.105130A | G | 0.1673 | 3994 |
| 3 chrA3.105138C | A | 0.06312 | 4008 |
| 3 chrA3.105195A | G | 0.3036 | 3874 |
| 3 chrA3.105245G | A | 0.157 | 3988 |
| 3 chrA3.105311C | A | 0.08342 | 4004 |
| 3 chrA3.105338A | G | 0.2537 | 4008 |
| 3 chrA3.105365G | A | 0.2006 | 3998 |
| 3 chrA3.105394A | G | 0.4945 | 4006 |
| 3 chrA3.105425G | A | 0.002248 | 4004 |
| 3 chrA3.105460A | G | 0.4156 | 4004 |
| 3 chrA3.105500A | G | 0.2417 | 3872 |
| 3 chrA3.105535A | G | 0.4578 | 3936 |
| 3 chrA3.105575A | G | 0.4046 | 4004 |
| 3 chrA3.105608A | G | 0.04253 | 3880 |
| 3 chrA3.105662A | G | 0.3529 | 4004 |
| 3 chrA3.105700C | A | 0.08709 | 3996 |
| 3 chrA3.105772G | A | 0.1679 | 3906 |
| 3 chrA3.105824G | A | 0.4348 | 4006 |
| 3 chrA3.105865A | G | 0.1035 | 3856 |
| 3 chrA3.105907A | G | 0.009255 | 3998 |
| 3 chrA3.105950A | G | 0.07146 | 3988 |
| 3 chrA3.105990C | 0 G | 0 | 4006 |
| 3 chrA3.106057A | C | 0.08831 | 3748 |
| 3 chrA3.106061A | G | 0.05378 | 3682 |
| 3 chrA3.106080C | 0 A | 0 | 4004 |
| 3 chrA3.106174A | G | 0.3003 | 3990 |
| 3 chrA3.106261A | C | 0.09118 | 3630 |
| 3 chrA3.106287A | G | 0.4458 | 3966 |
| 3 chrA3.106361G | A | 0.3006 | 3996 |
| 3 chrA3.106408G | A | 0.2399 | 3752 |
| 3 chrA3.106414C | 0 G | 0 | 4010 |
| 3 chrA1.168895A | C | 0.0601 | 4010 |
| 3 chrA3.106440G | A | 0.2549 | 3860 |
| 3 chrA3.106515G | A | 0.1838 | 3994 |
| 3 chrA3.106595A | G | 0.1763 | 4000 |
| 3 chrA3.106677G | A | 0.3496 | 3990 |
| 3 chrA3.106720A | G | 0.2168 | 3986 |
| 3 chrA3.106745G | A | 0.3138 | 4002 |
| 3 chrA3.106775A | C | 0.2071 | 3708 |
| 3 chrA3.106800G | A | 0.08878 | 4010 |

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| 3 chrA3.106876G | A | 0.2408 | 4008 |
| 3 chrA3.106901A | G | 0.02049 | 4002 |
| 3 chrA3.106962A | C | 0.09762 | 3780 |
| 3 chrA3.106964A | G | 0.1199 | 3988 |
| 3 chrA3.107004A | G | 0.2883 | 4006 |
| 3 chrA3.107030A | G | 0.1008 | 3850 |
| 3 chrA3.107070A | C | 0.3766 | 3994 |
| 3 chrA3.107117G | A | 0.09389 | 3994 |
| 3 chrA3.107141A | G | 0.03761 | 3988 |
| 3 chrA3.107170A | G | 0.1877 | 3894 |
| 3 chrA3.107244A | G | 0.3551 | 3996 |
| 3 chrA3.107276A | C | 0.2056 | 3974 |
| 3 chrA3.107301G | A | 0.4285 | 3972 |
| 3 chrA3.107374G | A | 0.2666 | 4006 |
| 3 chrA3.107399A | G | 0.1876 | 3742 |
| 3 chrA3.107463G | A | 0.2043 | 4004 |
| 3 chrUn.728109A | G | 0.3947 | 4006 |
| 3 chrA3.107509G | A | 0.2961 | 3992 |
| 3 chrA3.107533G | A | 0.1816 | 4004 |
| 3 chrA3.107576G | A | 0.351 | 3980 |
| 3 chrA3.107613A | G | 0.03064 | 3884 |
| 3 chrA3.107706A | C | 0.1741 | 3888 |
| 3 chrA3.107787A | G | 0.2276 | 3990 |
| 3 chrA3.107816A | G | 0.2076 | 3988 |
| 3 chrA3.107843A | G | 0.4739 | 3952 |
| 3 chrA3.107927G | A | 0.07425 | 4000 |
| 3 chrA3.107960A | G | 0.3921 | 3994 |
| 3 chrA3.108009A | G | 0.09964 | 3864 |
| 3 chrA3.108131G | A | 0.09825 | 4000 |
| 3 chrA3.108159A | C | 0.3359 | 3998 |
| 3 chrA3.108228A | G | 0.1597 | 4002 |
| 3 chrA3.108254A | G | 0.2491 | 3994 |
| 3 chrA3.108329G | A | 0.002743 | 4010 |
| 3 chrA3.108339A | G | 0.216 | 3968 |
| 3 chrA3.108409A | G | 0.2918 | 3952 |
| 3 chrA3.108496A | G | 0.1557 | 4000 |
| 3 chrA3.108520G | A | 0.08953 | 4010 |
| 3 chrA3.108544C | A | 0.327 | 3976 |
| 3 chrA3.108613G | A | 0.3526 | 4004 |
| 3 chrA3.108678A | C | 0.1542 | 4002 |
| 3 chrA3.108707A | G | 0.3841 | 4004 |

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| 3 chrA3.10886 | C | 0.2855 | 4000 |
| 3 chrA3.10896 | G | 0.1757 | 3996 |
| 3 chrA3.10909 | G | 0.2686 | 3980 |
| 3 chrA3.10912 | A | 0.4745 | 4002 |
| 3 chrA3.10917 | A | 0.3139 | 4008 |
| 3 chrA3.10921 | G | 0.234 | 4004 |
| 3 chrA3.10930 | A | 0.3884 | 4006 |
| 3 chrA3.10934 | G | 0.411 | 3854 |
| 3 chrA3.10946 | A | 0.4191 | 4006 |
| 3 chrA3.10949 | A | 0.1017 | 3952 |
| 3 chrA3.10954 | 0 A | 0 | 4008 |
| 3 chrA3.10960 | G | 0.1897 | 4006 |
| 3 chrA3.10969 | G | 0.4287 | 4000 |
| 3 chrA3.10973 | G | 0.499 | 4000 |
| 3 chrA3.10976 | C | 0.2923 | 3996 |
| 3 chrA3.10980 | C | 0.1007 | 4002 |
| 3 chrA3.10982 | G | 0.0007481 | 4010 |
| 3 chrA3.10991 | G | 0.2476 | 3922 |
| 3 chrA3.10994 | C | 0.1798 | 3998 |
| 3 chrA3.11002 | A | 0.3644 | 3996 |
| 3 chrA3.11006 | C | 0.04124 | 3880 |
| 3 chrA3.11011 | G | 0.1943 | 3994 |
| 3 chrA3.11028 | G | 0.4908 | 4000 |
| 3 chrA3.11032 | A | 0.4854 | 3980 |
| 3 chrA3.11035 | A | 0.1893 | 4000 |
| 3 chrA3.11038 | C | 0.177 | 3954 |
| 3 chrA3.11043 | A | 0.2816 | 4006 |
| 3 chrA3.11052 | C | 0.4402 | 3998 |
| 3 chrA3.11054 | A | 0.2597 | 4004 |
| 3 chrA3.11056 | A | 0.06562 | 4008 |
| 3 chrA3.11059 | G | 0.4715 | 3996 |
| 3 chrA3.11062 | A | 0.07997 | 3864 |
| 3 chrA3.11064 | A | 0.002249 | 4002 |
| 3 chrX.8969482 | A | 0.2477 | 3766 |
| 3 chrA3.11068 | G | 0.4675 | 3968 |
| 3 chrA3.11072 | A | 0.1041 | 3998 |
| 3 chrA3.11076 | G | 0.1468 | 3978 |
| 3 chrA3.11079 | G | 0.2167 | 3964 |
| 3 chrA3.11082 | A | 0.1944 | 4002 |
| 3 chrA3.11086 | A | 0.4895 | 3996 |
| 3 chrA3.11089 | G | 0.082 | 3988 |

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| 3 chrA3.110927A | G | 0.06543 | 4004 |
| 3 chrA3.111060G | A | 0.1582 | 4002 |
| 3 chrA3.111164A | G | 0.472 | 4006 |
| 3 chrA3.111190A | G | 0.2004 | 4002 |
| 3 chrA3.111216A | G | 0.05067 | 4006 |
| 3 chrA3.111240A | C | 0.2446 | 4006 |
| 3 chrA3.111269A | G | 0.009227 | 4010 |
| 3 chrA3.111299A | C | 0.3051 | 3996 |
| 3 chrA3.111324C | A | 0.04114 | 3938 |
| 3 chrA3.111442G | A | 0.08446 | 4002 |
| 3 chrA3.111474A | G | 0.1336 | 3796 |
| 3 chrA3.111514A | G | 0.2188 | 4008 |
| 3 chrA3.111571A | G | 0.1404 | 3726 |
| 3 chrA3.111609A | C | 0.4688 | 4004 |
| 3 chrUn.230170A | G | 0.1839 | 4008 |
| 3 chrA3.111669A | C | 0.1264 | 3988 |
| 3 chrA3.111674 | 0 G | 0 | 4008 |
| 3 chrA3.111699A | C | 0.1039 | 3976 |
| 3 chrA3.111739G | A | 0.4274 | 3994 |
| 3 chrA3.111879A | G | 0.2296 | 3994 |
| 3 chrA3.111910G | A | 0.05584 | 3976 |
| 3 chrA3.111969A | G | 0.2822 | 3912 |
| 3 chrA3.112019A | C | 0.1654 | 3960 |
| 3 chrA3.112066A | G | 0.007764 | 3864 |
| 3 chrA3.112091A | G | 0.2638 | 4000 |
| 3 chrA3.112119G | A | 0.05389 | 4008 |
| 3 chrA3.112208A | G | 0.467 | 4002 |
| 3 chrA3.112270G | A | 0.1143 | 3998 |
| 3 chrA3.112299G | A | 0.2021 | 4002 |
| 3 chrA3.112336G | A | 0.06943 | 4004 |
| 3 chrA3.112391G | A | 0.412 | 4002 |
| 3 chrA3.112424A | C | 0.0385 | 4000 |
| 3 chrA3.112459A | G | 0.2582 | 3986 |
| 3 chrA3.112539A | G | 0.367 | 3970 |
| 3 chrA3.112569A | C | 0.4995 | 3988 |
| 3 chrA3.112598A | C | 0.3416 | 4008 |
| 3 chrA3.112616C | A | 0.2645 | 4004 |
| 3 chrA3.112650C | A | 0.315 | 4000 |
| 3 chrA3.112682A | G | 0.1669 | 4008 |
| 3 chrA3.112737G | A | 0.2046 | 3910 |
| 3 chrA3.112769A | G | 0.06991 | 3962 |

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| 3 chrA3.112806C | A | 0.1934 | 3972 |
| 3 chrA3.112846A | G | 0.3111 | 3992 |
| 3 chrA3.112866A | G | 0.1937 | 4006 |
| 3 chrA3.112874A | G | 0.03568 | 3952 |
| 3 chrA3.112916G | A | 0.2214 | 4006 |
| 3 chrA3.112956G | A | 0.3678 | 4008 |
| 3 chrA3.112982A | G | 0.104 | 3990 |
| 3 chrA3.113024G | A | 0.4592 | 3998 |
| 3 chrA3.113114G | A | 0.3862 | 4000 |
| 3 chrA3.113156G | A | 0.1797 | 4000 |
| 3 chrA3.113186A | G | 0.367 | 3910 |
| 3 chrA3.113244A | G | 0.4768 | 4004 |
| 3 chrA3.113284A | G | 0.005242 | 4006 |
| 3 chrA3.113306A | G | 0.2704 | 3994 |
| 3 chrA3.113357A | C | 0.3378 | 4008 |
| 3 chrA3.113382A | G | 0.2746 | 3984 |
| 3 chrA3.113417C | A | 0.0522 | 4004 |
| 3 chrA3.113486A | G | 0.4874 | 3968 |
| 3 chrA3.113526A | G | 0.02196 | 4008 |
| 3 chrA3.113576G | A | 0.1159 | 3968 |
| 3 chrA3.113616G | A | 0.2302 | 3848 |
| 3 chrA3.113676G | A | 0.01373 | 3788 |
| 3 chrA3.113736A | C | 0.06595 | 3988 |
| 3 chrA3.113776A | G | 0.01074 | 4004 |
| 3 chrA3.113822A | G | 0.0509 | 3988 |
| 3 chrA3.113846G | A | 0.2452 | 3956 |
| 3 chrA3.113876G | A | 0.1903 | 3994 |
| 3 chrA3.113884A | G | 0.03602 | 3998 |
| 3 chrA3.113946A | G | 0.1129 | 3996 |
| 3 chrA3.113911A | G | 0.2658 | 4000 |
| 3 chrA3.114031A | G | 0.2187 | 4006 |
| 3 chrA3.113986A | G | 0.1753 | 4000 |
| 3 chrA3.114106A | G | 0.1564 | 4002 |
| 3 chrUn.646881A | C | 0.06981 | 3982 |
| 3 chrA3.114202G | A | 0.2221 | 3998 |
| 3 chrA3.114224G | A | 0.2578 | 3914 |
| 3 chrA3.114306A | G | 0.2448 | 4004 |
| 3 chrUn17.3436G | A | 0.04668 | 4006 |
| 3 chrA3.114346A | G | 0.2553 | 3948 |
| 3 chrA3.114476G | A | 0.2301 | 3976 |
| 3 chrA3.114512A | G | 0.2622 | 4000 |

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| 3 chrA3.11457 | G | 0.3198 | 3618 |
| 3 chrA3.11461 | A | 0.1006 | 3998 |
| 3 chrA3.11466 | A | 0.1003 | 4006 |
| 3 chrA3.11471 | C | 0.1382 | 4002 |
| 3 chrA3.11474 | C | 0.3242 | 4004 |
| 3 chrA3.11481 | G | 0.3292 | 3992 |
| 3 chrA3.11487 | A | 0.04489 | 4010 |
| 3 chrA3.11494 | G | 0.1803 | 3888 |
| 3 chrA3.11498 | A | 0.004998 | 4002 |
| 3 chrA3.11501 | G | 0.3138 | 4006 |
| 3 chrA3.11506 | G | 0.2664 | 3968 |
| 3 chrA3.11507 | 0 G | 0 | 4010 |
| 3 chrA3.11509 | G | 0.2004 | 4006 |
| 3 chrA3.11513 | G | 0.3691 | 3966 |
| 3 chrA3.11519 | G | 0.1296 | 3998 |
| 3 chrA3.11527 | G | 0.1747 | 3756 |
| 3 chrA3.11533 | C | 0.08195 | 3990 |
| 3 chrA3.11536 | G | 0.07735 | 4008 |
| 3 chrA3.11542 | G | 0.05664 | 3690 |
| 3 chrA3.11546 | G | 0.2951 | 3992 |
| 3 chrA3.11547 | C | 0.02954 | 3994 |
| 3 chrA3.11552 | A | 0.07335 | 4008 |
| 3 chrUn17.335 | G | 0.3426 | 3800 |
| 3 chrA3.11556 | G | 0.3005 | 4006 |
| 3 chrA3.11563 | C | 0.3254 | 3998 |
| 3 chrA3.11567 | G | 0.05288 | 3782 |
| 3 chrA3.11571 | A | 0.05489 | 4008 |
| 3 chrA3.11574 | G | 0.2357 | 3996 |
| 3 chrA3.11577 | G | 0.1734 | 3898 |
| 3 chrUn17.329 | G | 0.1847 | 3980 |
| 3 chrA3.11588 | A | 0.1088 | 4000 |
| 3 chrA3.11592 | A | 0.4605 | 3852 |
| 3 chrA3.11598 | G | 0.47 | 3964 |
| 3 chrA3.11601 | 0 C | 0 | 4006 |
| 3 chrA3.11608 | A | 0.2137 | 4000 |
| 3 chrA3.11610 | A | 0.1189 | 4004 |
| 3 chrA3.11619 | G | 0.3689 | 4006 |
| 3 chrA3.11621 | G | 0.02894 | 3974 |
| 3 chrUn.48897 | G | 0.1439 | 3988 |
| 3 chrA3.11627 | G | 0.3821 | 3996 |
| 3 chrA3.11659 | A | 0.3289 | 4004 |

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| 3 chrB1.202628G | A | 0.008603 | 3952 |
| 3 chrA3.116632G | A | 0.004328 | 3928 |
| 3 chrA3.116307G | A | 0.3984 | 4004 |
| 3 chrA3.116335A | G | 0.2724 | 3998 |
| 3 chrA3.116376G | A | 0.3955 | 4000 |
| 3 chrA3.116405G | A | 0.1409 | 4010 |
| 3 chrA3.116774G | A | 0.04328 | 3974 |
| 3 chrA3.116437G | A | 0.04181 | 3994 |
| 3 chrA3.116809A | C | 0.1672 | 3984 |
| 3 chrA3.116835G | A | 0.07018 | 4004 |
| 3 chrA3.116874G | A | 0.101 | 4010 |
| 3 chrA3.116914G | A | 0.3393 | 3976 |
| 3 chrA3.116970A | G | 0.07411 | 3994 |
| 3 chrA3.116997A | C | 0.3193 | 4006 |
| 3 chrA3.117032G | A | 0.3177 | 3994 |
| 3 chrA3.117088C | A | 0.4391 | 4008 |
| 3 chrA3.117125G | A | 0.3303 | 4000 |
| 3 chrA3.117135A | G | 0.1222 | 3968 |
| 3 chrA3.117166G | A | 0.2067 | 4006 |
| 3 chrA3.117206A | G | 0.2801 | 3992 |
| 3 chrA3.117241A | G | 0.2679 | 3998 |
| 3 chrA3.117268G | A | 0.4795 | 4006 |
| 3 chrA3.117325C | A | 0.3246 | 3916 |
| 3 chrA3.117381A | G | 0.04518 | 4006 |
| 3 chrA3.117416A | G | 0.4503 | 3862 |
| 3 chrA3.117471G | A | 0.4817 | 3998 |
| 3 chrA3.117507G | A | 0.1807 | 3984 |
| 3 chrA3.117541A | G | 0.2656 | 3946 |
| 3 chrA3.117605G | A | 0.252 | 4000 |
| 3 chrA3.117674A | G | 0.4216 | 3928 |
| 3 chrA3.117742G | A | 0.4249 | 4008 |
| 3 chrA3.117808G | A | 0.2307 | 4006 |
| 3 chrA3.117860A | G | 0.2677 | 4004 |
| 3 chrA3.117935A | G | 0.181 | 4006 |
| 3 chrA3.117965A | G | 0.1832 | 3980 |
| 3 chrA3.118024G | A | 0.4723 | 4008 |
| 3 chrA3.118065A | G | 0.1599 | 3990 |
| 3 chrA3.118121A | G | 0.4591 | 3986 |
| 3 chrA3.118155G | A | 0.497 | 3986 |
| 3 chrA3.118188G | A | 0.4849 | 3986 |
| 3 chrA3.118271A | C | 0.1294 | 4002 |

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| 3 chrA3.118304A | G | 0.165 | 3794 |
| 3 chrA3.118362A | G | 0.2595 | 3988 |
| 3 chrA3.118435A | G | 0.3699 | 4006 |
| 3 chrA3.118505A | G | 0.3897 | 4000 |
| 3 chrA3.118542A | G | 0.03791 | 4010 |
| 3 chrA3.118596G | A | 0.2443 | 3978 |
| 3 chrA3.118636G | A | 0.1625 | 4000 |
| 3 chrA3.118667G | A | 0.2698 | 4006 |
| 3 chrA3.118707A | G | 0.2863 | 4006 |
| 3 chrA3.118745A | G | 0.3099 | 4004 |
| 3 chrA3.118786G | A | 0.0715 | 4000 |
| 3 chrA3.118814G | A | 0.2481 | 3994 |
| 3 chrA3.118835A | G | 0.3529 | 3902 |
| 3 chrA3.118876G | A | 0.4578 | 4002 |
| 3 chrA3.118914A | G | 0.1833 | 3998 |
| 3 chrA3.118954G | A | 0.4863 | 4002 |
| 3 chrA3.118985G | A | 0.007746 | 3744 |
| 3 chrA3.119014A | G | 0.496 | 4000 |
| 3 chrA3.119055G | A | 0.1603 | 3974 |
| 3 chrA3.119082A | G | 0.3005 | 3990 |
| 3 chrA3.119205C | A | 0.07608 | 3996 |
| 3 chrA3.119238G | A | 0.1512 | 3994 |
| 3 chrA3.119286G | A | 0.07588 | 3980 |
| 3 chrA3.119336C | A | 0.05888 | 4008 |
| 3 chrA3.119358 | 0 G | 0 | 4010 |
| 3 chrA3.119367A | G | 0.2456 | 4006 |
| 3 chrA3.119405A | G | 0.4779 | 3712 |
| 3 chrA3.119474A | G | 0.1231 | 3996 |
| 3 chrA3.119501A | G | 0.02602 | 3958 |
| 3 chrA3.119564G | A | 0.3402 | 3998 |
| 3 chrA3.119615G | A | 0.3265 | 3988 |
| 3 chrA3.119648G | A | 0.3832 | 3998 |
| 3 chrA3.119755A | C | 0.2541 | 3940 |
| 3 chrA3.119775G | A | 0.3924 | 4004 |
| 3 chrA3.119816A | G | 0.4943 | 4000 |
| 3 chrA3.119858A | G | 0.03695 | 3762 |
| 3 chrA3.119927A | G | 0.217 | 3954 |
| 3 chrA3.119954G | A | 0.3619 | 3990 |
| 3 chrA3.119991A | G | 0.02495 | 4008 |
| 3 chrA3.120018A | G | 0.285 | 3758 |
| 3 chrA3.120044A | G | 0.1908 | 3742 |

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| 3 chrA3.120075A | G | 0.005068 | 3946 |
| 3 chrA3.120086G | A | 0.2884 | 3772 |
| 3 chrA3.120110G | A | 0.4306 | 3994 |
| 3 chrA3.120195A | G | 0.1863 | 4004 |
| 3 chrA3.120230G | A | 0.07366 | 3910 |
| 3 chrA3.120256G | A | 0.05888 | 4008 |
| 3 chrA3.120304A | G | 0.09045 | 4002 |
| 3 chrA3.120335G | A | 0.2224 | 3998 |
| 3 chrA3.120394A | G | 0.09148 | 3990 |
| 3 chrC1.243735G | A | 0.2114 | 3988 |
| 3 chrA3.120458A | G | 0.06997 | 4002 |
| 3 chrA3.120534G | A | 0.2839 | 4002 |
| 3 chrA3.120576A | G | 0.4645 | 4000 |
| 3 chrA3.120602A | G | 0.2811 | 3998 |
| 3 chrA3.120632A | G | 0.2253 | 3892 |
| 3 chrA3.120692G | A | 0.05295 | 4004 |
| 3 chrA3.120735A | G | 0.03072 | 4004 |
| 3 chrA3.120765A | G | 0.03666 | 4010 |
| 3 chrA3.120795G | A | 0.03693 | 4008 |
| 3 chrUn.486121A | G | 0.2992 | 3904 |
| 3 chrA3.120854A | G | 0.4123 | 3980 |
| 3 chrA3.120907G | A | 0.03716 | 4010 |
| 3 chrUn.797161A | G | 0.3386 | 4002 |
| 3 chrA3.120961C | A | 0.0537 | 4004 |
| 3 chrA3.120987G | A | 0.302 | 3940 |
| 3 chrA3.121052G | A | 0.1808 | 3982 |
| 3 chrA3.121100A | G | 0.02198 | 3912 |
| 3 chrA3.121125A | G | 0.4366 | 4008 |
| 3 chrA3.121281A | G | 0.1815 | 3950 |
| 3 chrA3.121315A | G | 0.3615 | 4000 |
| 3 chrA3.121375G | A | 0.4193 | 4000 |
| 3 chrA3.121431G | A | 0.4715 | 3998 |
| 3 chrA3.121464G | A | 0.1023 | 3990 |
| 3 chrA3.121521A | G | 0.1652 | 3996 |
| 3 chrA3.121580G | A | 0.4291 | 3978 |
| 3 chrA3.121615G | A | 0.2307 | 4006 |
| 3 chrA3.121642G | A | 0.4665 | 4004 |
| 3 chrA3.121682G | A | 0.2771 | 3988 |
| 3 chrUn.456091A | C | 0.3782 | 3974 |
| 3 chrA3.121714G | A | 0.4772 | 3988 |
| 3 chrA3.121928G | A | 0.3712 | 3952 |

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| 3 chrA3.121895G | A | 0.1274 | 3972 |
| 3 chrA3.121845A | C | 0.09362 | 3984 |
| 3 chrA3.121801A | G | 0.2414 | 3798 |
| 3 chrA3.121967A | G | 0.2269 | 3870 |
| 3 chrA3.121995A | G | 0.4745 | 3954 |
| 3 chrA3.122030G | A | 0.3818 | 4000 |
| 3 chrA3.122072G | A | 0.498 | 3986 |
| 3 chrA3.122117C | A | 0.1015 | 4008 |
| 3 chrA3.122236A | G | 0.1087 | 3838 |
| 3 chrA3.122260C | A | 0.1446 | 4004 |
| 3 chrA3.122328G | A | 0.03242 | 4010 |
| 3 chrA3.122355 | 0 C | 0 | 4002 |
| 3 chrA3.122381A | G | 0.04077 | 3802 |
| 3 chrA3.122405G | A | 0.1781 | 3998 |
| 3 chrA3.122465A | G | 0.006244 | 4004 |
| 3 chrA3.122495A | G | 0.1286 | 3866 |
| 3 chrA3.122517A | G | 0.1888 | 4010 |
| 3 chrA3.122556G | A | 0.2097 | 4010 |
| 3 chrA3.122695A | G | 0.04339 | 4010 |
| 3 chrA3.122741A | C | 0.1412 | 4000 |
| 3 chrA3.122812G | A | 0.000499 | 4008 |
| 3 chrA3.122885A | G | 0.08966 | 4004 |
| 3 chrA3.122941A | G | 0.08988 | 3994 |
| 3 chrA3.122972C | A | 0.1743 | 3936 |
| 3 chrA3.123067A | G | 0.0616 | 3896 |
| 3 chrA3.123098G | A | 0.09007 | 4008 |
| 3 chrA3.123144A | C | 0.02057 | 3646 |
| 3 chrA3.123172A | C | 0.08909 | 3996 |
| 3 chrA3.123185A | G | 0.04396 | 4004 |
| 3 chrA3.123197C | A | 0.126 | 4008 |
| 3 chrA3.123255C | A | 0.04464 | 4010 |
| 3 chrA1.534001A | C | 0.127 | 4008 |
| 3 chrA3.123292A | G | 0.2446 | 3970 |
| 3 chrA3.123328C | A | 0.2804 | 3998 |
| 3 chrA3.123366A | G | 0.3919 | 3838 |
| 3 chrA3.123400A | G | 0.1674 | 4002 |
| 3 chrA3.123445A | G | 0.122 | 3934 |
| 3 chrA3.123485A | C | 0.06216 | 4006 |
| 3 chrA3.123506C | A | 0.03693 | 4008 |
| 3 chrA3.123515A | G | 0.03623 | 4002 |
| 3 chrA3.123547A | G | 0.01297 | 4008 |

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| 3 chrA3.123551 | 0 C | 0 | 4004 |
| 3 chrA3.123592A | G | 0.2891 | 3794 |
| 3 chrA3.123642G | A | 0.06113 | 4008 |
| 3 chrA3.123684G | A | 0.138 | 4006 |
| 3 chrA3.123718A | G | 0.08362 | 4006 |
| 3 chrA3.123742A | C | 0.1685 | 4006 |
| 3 chrA3.123777C | A | 0.01409 | 3904 |
| 3 chrA3.123832A | G | 0.04366 | 4008 |
| 3 chrA3.123866A | G | 0.1922 | 3944 |
| 3 chrA3.123915A | G | 0.1202 | 4000 |
| 3 chrA3.123984G | A | 0.1997 | 4002 |
| 3 chrA3.124039A | C | 0.06311 | 3866 |
| 3 chrA3.124070A | G | 0.003512 | 3986 |
| 3 chrA3.124108C | A | 0.2871 | 3998 |
| 3 chrA3.124146G | A | 0.3887 | 3988 |
| 3 chrA3.124205A | G | 0.2766 | 3992 |
| 3 chrA3.124236C | A | 0.001758 | 3982 |
| 3 chrA3.124268A | G | 0.02999 | 4002 |
| 3 chrA3.124332C | A | 0.4748 | 3970 |
| 3 chrA3.124376G | A | 0.2107 | 4000 |
| 3 chrA3.124401G | A | 0.001499 | 4004 |
| 3 chrA3.124441A | C | 0.4169 | 4006 |
| 3 chrA3.124467A | G | 0.3881 | 4004 |
| 3 chrA3.124595G | A | 0.1754 | 4002 |
| 3 chrA3.124630G | A | 0.3063 | 4006 |
| 3 chrA3.124682A | C | 0.0948 | 3998 |
| 3 chrA3.124744A | G | 0.4595 | 3946 |
| 3 chrA3.124776A | C | 0.1531 | 3742 |
| 3 chrA3.124828C | A | 0.1807 | 3952 |
| 3 chrA3.124866G | A | 0.2047 | 3966 |
| 3 chrA3.124905A | C | 0.2523 | 3996 |
| 3 chrA3.124918A | G | 0.000499 | 4008 |
| 3 chrA3.125045A | G | 0.08921 | 4002 |
| 3 chrA3.125080G | A | 0.2504 | 3978 |
| 3 chrUn.212534A | G | 0.1987 | 3976 |
| 3 chrA3.125117A | G | 0.3619 | 3996 |
| 3 chrA3.125241C | A | 0.422 | 3934 |
| 3 chrA3.125251G | A | 0.1463 | 3970 |
| 3 chrA3.125288A | G | 0.07859 | 3970 |
| 3 chrA3.125352G | A | 0.1747 | 4006 |
| 3 chrA3.125395G | A | 0.3876 | 3994 |

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| 3 chrA3.12543(A | G | 0.1408 | 3998 |
| 3 chrA3.12547(A | A | 0.1307 | 3934 |
| 3 chrA3.12557(A | G | 0.0007493 | 4004 |
| 3 chrA3.12565(A | G | 0.09833 | 3946 |
| 3 chrA3.12570(A | G | 0.2551 | 3904 |
| 3 chrA3.12573(A | A | 0.4502 | 3998 |
| 3 chrA3.12574(A | G | 0.4927 | 3986 |
| 3 chrA3.12580(A | G | 0.2054 | 3988 |
| 3 chrA3.12584(A | A | 0.1246 | 4004 |
| 3 chrA3.12592(A | G | 0.2405 | 3988 |
| 3 chrA3.12599(A | A | 0.1059 | 3986 |
| 3 chrA3.12605(A | G | 0.07938 | 4006 |
| 3 chrA3.12607(A | G | 0.2064 | 4006 |
| 3 chrC2.16259(A | C | 0.2621 | 3896 |
| 3 chrA3.12611(A | A | 0.4141 | 4004 |
| 3 chrA3.12614(A | G | 0.199 | 4000 |
| 3 chrA3.12617(A | A | 0.1629 | 4002 |
| 3 chrA3.12625(A | G | 0.1308 | 3900 |
| 3 chrA3.12630(A | G | 0.2618 | 4010 |
| 3 chrA3.12637(A | G | 0.09102 | 4010 |
| 3 chrUn.51914(A | G | 0.2732 | 4004 |
| 3 chrA3.12640(A | A | 0.3649 | 3878 |
| 3 chrA3.12644(A | C | 0.1092 | 3956 |
| 3 chrA3.12648(A | G | 0.3299 | 3998 |
| 3 chrA3.12651(A | G | 0.2117 | 3822 |
| 3 chrA3.12654(A | G | 0.4086 | 4006 |
| 3 chrA3.12657(A | C | 0.262 | 3974 |
| 3 chrC1.23218(A | A | 0.3057 | 4004 |
| 3 chrA3.12662(A | C | 0.2561 | 4006 |
| 3 chrA3.12667(A | A | 0.3409 | 3998 |
| 3 chrA3.12671(A | A | 0.1765 | 3948 |
| 3 chrA3.12671(A | A | 0.1364 | 3952 |
| 3 chrA3.12676(A | G | 0.1531 | 3992 |
| 3 chrA3.12681(A | G | 0.1378 | 4006 |
| 3 chrA3.12687(A | G | 0.1232 | 3976 |
| 3 chrA3.12690(A | G | 0.4202 | 3996 |
| 3 chrA3.12693(A | A | 0.341 | 3950 |
| 3 chrA3.12696(A | A | 0.06419 | 4004 |
| 3 chrA3.12699(A | A | 0.05389 | 4008 |
| 3 chrA3.12699(A | G | 0.3373 | 3940 |
| 3 chrA3.12702(A | G | 0.05966 | 4006 |

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| 3 chrA3.127105C | A | 0.4761 | 3930 |
| 3 chrA3.127187A | C | 0.1149 | 3978 |
| 3 chrA3.127214G | A | 0.05514 | 4008 |
| 3 chrA3.127257A | G | 0.2534 | 3986 |
| 3 chrA3.127312G | A | 0.4756 | 3936 |
| 3 chrA3.127388A | G | 0.02146 | 4008 |
| 3 chrA3.127428A | G | 0.05539 | 4008 |
| 3 chrA3.127470G | A | 0.0002496 | 4006 |
| 3 chrA3.127513A | G | 0.04688 | 4010 |
| 3 chrA3.127597A | G | 0.06362 | 4008 |
| 3 chrA3.127638A | G | 0.2682 | 4008 |
| 3 chrA3.127661A | G | 0.01279 | 3986 |
| 3 chrA3.127740A | G | 0.2443 | 3970 |
| 3 chrA3.127864G | A | 0.4441 | 3956 |
| 3 chrA3.127904G | A | 0.1437 | 3814 |
| 3 chrA3.127957C | A | 0.1401 | 3998 |
| 3 chrA3.128030G | A | 0.34 | 4000 |
| 3 chrA3.128059G | A | 0.3389 | 3998 |
| 3 chrA3.128141A | G | 0.3826 | 3988 |
| 3 chrA3.128173A | G | 0.04288 | 3918 |
| 3 chrA3.128226C | A | 0.2738 | 3970 |
| 3 chrA3.128262G | A | 0.4346 | 3958 |
| 3 chrA3.128289G | A | 0.3549 | 3998 |
| 3 chrA3.128324A | G | 0.2589 | 4002 |
| 3 chrA3.128424G | A | 0.4049 | 3942 |
| 3 chrA3.128474C | A | 0.3031 | 3864 |
| 3 chrA3.128534A | G | 0.1922 | 3996 |
| 3 chrA3.128606G | A | 0.4013 | 3972 |
| 3 chrA3.128631A | G | 0.2685 | 4004 |
| 3 chrA3.128651A | G | 0.08608 | 4008 |
| 3 chrA3.128672G | A | 0.1695 | 3988 |
| 3 chrA3.128702G | A | 0.2401 | 4006 |
| 3 chrA3.128827A | G | 0.3819 | 3972 |
| 3 chrA3.128860A | G | 0.01596 | 4010 |
| 3 chrA3.128908G | A | 0.3278 | 4002 |
| 3 chrA3.128961G | A | 0.1053 | 4006 |
| 3 chrA3.129023A | C | 0.261 | 4008 |
| 3 chrA3.129062A | G | 0.3611 | 4002 |
| 3 chrA3.129107A | G | 0.2595 | 3992 |
| 3 chrA3.129170A | G | 0.2274 | 4002 |
| 3 chrA3.129203C | A | 0.1641 | 4004 |

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|----------------|---|---|---------|------|
| 3 chrA3.129276 | G | A | 0.3851 | 3978 |
| 3 chrA3.129319 | A | G | 0.176 | 4006 |
| 3 chrA3.129353 | G | A | 0.1062 | 4000 |
| 3 chrA3.129453 | A | G | 0.1379 | 3886 |
| 3 chrA3.129507 | G | A | 0.1901 | 3998 |
| 3 chrA3.129545 | A | G | 0.3422 | 4000 |
| 3 chrA3.129646 | A | G | 0.1983 | 4000 |
| 3 chrA3.129675 | A | G | 0.1782 | 3996 |
| 3 chrA3.129738 | A | G | 0.4473 | 3988 |
| 3 chrA3.129793 | A | G | 0.1419 | 4004 |
| 3 chrA3.129837 | A | G | 0.4838 | 4004 |
| 3 chrA3.129886 | A | G | 0.08916 | 3892 |
| 3 chrA3.129987 | G | A | 0.1984 | 4002 |
| 3 chrA3.130049 | C | A | 0.1027 | 3994 |
| 3 chrA3.130124 | A | G | 0.3031 | 3876 |
| 3 chrA3.130159 | G | A | 0.2458 | 4000 |
| 3 chrA3.130194 | G | A | 0.3176 | 3986 |
| 3 chrA3.130221 | G | A | 0.4202 | 3996 |
| 3 chrA3.130254 | G | A | 0.4442 | 3996 |
| 3 chrA3.130285 | G | A | 0.2501 | 3998 |
| 3 chrA3.130321 | G | A | 0.2539 | 3994 |
| 3 chrA3.130381 | G | A | 0.3722 | 3998 |
| 3 chrA3.130404 | A | G | 0.2184 | 3992 |
| 3 chrA3.130429 | A | G | 0.0701 | 3966 |
| 3 chrA3.130456 | A | G | 0.02197 | 4006 |
| 3 chrA3.130501 | A | C | 0.1709 | 4008 |
| 3 chrA3.130543 | G | A | 0.2839 | 4002 |
| 3 chrA3.130677 | A | G | 0.07301 | 3986 |
| 3 chrA3.130712 | A | G | 0.3362 | 4006 |
| 3 chrA3.130760 | C | A | 0.2912 | 3980 |
| 3 chrA3.130797 | A | G | 0.3512 | 3952 |
| 3 chrA3.130881 | G | A | 0.4735 | 3994 |
| 3 chrA3.130917 | A | C | 0.4453 | 4002 |
| 3 chrA3.130964 | G | A | 0.48 | 4002 |
| 3 chrA3.130990 | A | G | 0.3657 | 4006 |
| 3 chrA3.131029 | A | G | 0.1409 | 3996 |
| 3 chrA3.131053 | G | A | 0.4366 | 3976 |
| 3 chrA3.131087 | A | G | 0.01198 | 4006 |
| 3 chrA3.131147 | A | G | 0.2533 | 3996 |
| 3 chrA3.131185 | A | G | 0.082 | 4000 |
| 3 chrA3.131276 | A | G | 0.1102 | 4010 |

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| 3 chrA3.131317G | A | 0.4152 | 3986 |
| 3 chrA3.131387A | G | 0.3276 | 3990 |
| 3 chrA3.131228A | C | 0.3229 | 4004 |
| 3 chrA3.131436A | G | 0.1123 | 4008 |
| 3 chrA3.131465A | G | 0.04892 | 3986 |
| 3 chrA3.131347G | A | 0.4755 | 3966 |
| 3 chrA3.131509C | A | 0.3609 | 4004 |
| 3 chrA3.131560A | G | 0.3793 | 4002 |
| 3 chrA3.131627A | G | 0.0005179 | 3862 |
| 3 chrA3.131671A | G | 0.4821 | 3750 |
| 3 chrA3.131687G | A | 0.3179 | 3992 |
| 3 chrA3.131787A | G | 0.1816 | 3806 |
| 3 chrA3.131819G | A | 0.1867 | 3910 |
| 3 chrA3.131861A | G | 0.3271 | 3880 |
| 3 chrA3.131907C | A | 0.09914 | 3964 |
| 3 chrA3.131987A | G | 0.2177 | 4000 |
| 3 chrA3.132079G | A | 0.08708 | 4008 |
| 3 chrA3.132164A | G | 0.4218 | 4000 |
| 3 chrA3.132185G | A | 0.343 | 3994 |
| 3 chrA3.132216A | G | 0.1916 | 4008 |
| 3 chrA3.132249A | G | 0.1254 | 4010 |
| 3 chrA3.132295A | C | 0.2005 | 4000 |
| 3 chrA3.132339A | C | 0.3115 | 4000 |
| 3 chrA3.132349C | A | 0.1852 | 3984 |
| 3 chrA3.132409A | G | 0.06044 | 4004 |
| 3 chrA3.132434A | G | 0.08484 | 3984 |
| 3 chrA3.132525A | G | 0.06241 | 4006 |
| 3 chrA3.132581G | A | 0.1984 | 3992 |
| 3 chrA3.132711G | A | 0.4349 | 3996 |
| 3 chrA3.132767G | A | 0.3032 | 3988 |
| 3 chrA3.132797A | C | 0.1437 | 3966 |
| 3 chrA3.132857A | C | 0.1809 | 3992 |
| 3 chrA3.132877A | G | 0.4004 | 3976 |
| 3 chrA3.132911G | A | 0.4708 | 3768 |
| 3 chrA3.132968G | A | 0.1116 | 3944 |
| 3 chrA3.132995A | C | 0.1571 | 4004 |
| 3 chrA3.133077A | G | 0.09405 | 3998 |
| 3 chrA3.133116A | G | 0.08337 | 4006 |
| 3 chrA3.133145G | A | 0.4895 | 3996 |
| 3 chrA3.133227A | G | 0.2909 | 4002 |
| 3 chrA3.133265G | A | 0.3369 | 3998 |

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| 3 chrA3.13329 | G | A | 0.3645 | 3912 |
| 3 chrA3.13333 | A | G | 0.416 | 4002 |
| 3 chrA3.13339 | A | G | 0.0257 | 4008 |
| 3 chrA3.13343 | A | G | 0.1823 | 3994 |
| 3 chrA3.13345 | G | A | 0.167 | 3982 |
| 3 chrA3.13349 | G | A | 0.4353 | 3956 |
| 3 chrA3.13353 | A | G | 0.2789 | 3610 |
| 3 chrA3.13354 | A | G | 0.2953 | 3922 |
| 3 chrA3.13356 | G | A | 0.2496 | 3958 |
| 3 chrA3.13360 | G | A | 0.482 | 4006 |
| 3 chrA3.13365 | C | A | 0.1514 | 3982 |
| 3 chrA3.13368 | G | A | 0.2631 | 3770 |
| 3 chrA3.13372 | A | G | 0.1628 | 4004 |
| 3 chrA3.13375 | A | C | 0.2662 | 3900 |
| 3 chrA3.13384 | A | G | 0.002246 | 4008 |
| 3 chrA3.13391 | G | A | 0.3099 | 3972 |
| 3 chrA3.13395 | G | A | 0.3851 | 4004 |
| 3 chrA3.13398 | A | C | 0.124 | 3928 |
| 3 chrA3.13401 | A | C | 0.3157 | 3978 |
| 3 chrA3.13405 | A | G | 0.4898 | 4006 |
| 3 chrA3.13409 | G | A | 0.3029 | 3992 |
| 3 chrA3.13413 | A | G | 0.4278 | 3974 |
| 3 chrA3.13419 | A | G | 0.03722 | 3976 |
| 3 chrA3.13421 | C | A | 0.47 | 4004 |
| 3 chrA3.13425 | A | G | 0.3546 | 4004 |
| 3 chrA3.13428 | G | A | 0.3253 | 4002 |
| 3 chrA3.13431 | G | A | 0.387 | 3974 |
| 3 chrA3.13434 | A | G | 0.4007 | 3998 |
| 3 chrA3.13436 | G | A | 0.002816 | 3906 |
| 3 chrA3.13438 | G | A | 0.08084 | 3884 |
| 3 chrA3.13443 | A | G | 0.4145 | 3986 |
| 3 chrA3.13447 | G | A | 0.3783 | 4002 |
| 3 chrA3.13450 | G | A | 0.4111 | 3994 |
| 3 chrA3.13460 | A | G | 0.2719 | 3998 |
| 3 chrA3.13463 | A | C | 0.09539 | 3994 |
| 3 chrA3.13466 | A | G | 0.06875 | 4000 |
| 3 chrA3.13471 | A | G | 0.2244 | 3998 |
| 3 chrA3.13478 | A | G | 0.2042 | 4006 |
| 3 chrA3.13481 | G | A | 0.205 | 3986 |
| 3 chrA3.13491 | A | C | 0.1819 | 4002 |
| 3 chrA3.13494 | A | G | 0.1352 | 3840 |

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| 3 chrA3.135009A | G | 0.004239 | 4010 |
| 3 chrA3.135109G | A | 0.3069 | 3982 |
| 3 chrA3.135156G | A | 0.1881 | 3950 |
| 3 chrA3.135188G | A | 0.3744 | 3998 |
| 3 chrA3.135291G | A | 0.1917 | 4002 |
| 3 chrA3.135334A | G | 0.2537 | 4004 |
| 3 chrA3.135388A | G | 0.3606 | 4004 |
| 3 chrA3.135429G | A | 0.1923 | 3968 |
| 3 chrA3.135439A | C | 0.0835 | 3976 |
| 3 chrA3.135471G | A | 0.1334 | 3996 |
| 3 chrA3.135550A | G | 0.4785 | 3956 |
| 3 chrA3.135576G | A | 0.1075 | 4010 |
| 3 chrA3.135628G | A | 0.2382 | 3968 |
| 3 chrA3.135689A | G | 0.2846 | 4006 |
| 3 chrA3.135708G | A | 0.3777 | 3998 |
| 3 chrA3.135819G | A | 0.1157 | 3958 |
| 3 chrA3.135849G | A | 0.04448 | 4002 |
| 3 chrA3.135889A | G | 0.3594 | 3898 |
| 3 chrA3.135919A | G | 0.2785 | 3964 |
| 3 chrA3.135964A | G | 0.1982 | 3996 |
| 3 chrA3.136009G | A | 0.4885 | 3996 |
| 3 chrA3.136037A | G | 0.1827 | 4002 |
| 3 chrA3.136186A | G | 0.1056 | 4004 |
| 3 chrA3.136237A | G | 0.1015 | 4008 |
| 3 chrA3.136261A | G | 0.2538 | 3988 |
| 3 chrA3.136336A | G | 0.3676 | 4002 |
| 3 chrA3.136399G | A | 0.0671 | 3994 |
| 3 chrA3.136449G | A | 0.1886 | 4008 |
| 3 chrA3.136470C | A | 0.1433 | 3998 |
| 3 chrA3.136509A | G | 0.1693 | 3994 |
| 3 chrA3.136516G | A | 0.3775 | 3942 |
| 3 chrA3.136537G | A | 0.1697 | 4006 |
| 3 chrA3.136569A | C | 0.2532 | 4000 |
| 3 chrA3.136629G | A | 0.07633 | 3996 |
| 3 chrA3.136678G | A | 0.04015 | 4010 |
| 3 chrA3.136724A | C | 0.1819 | 3996 |
| 3 chrA3.136779A | G | 0.04296 | 4004 |
| 3 chrA3.136820A | G | 0.334 | 4000 |
| 3 chrA3.137057A | G | 0.1068 | 4008 |
| 3 chrA3.137120G | A | 0.116 | 4008 |
| 3 chrA3.137176C | A | 0.2268 | 3968 |

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| 3 chrA3.137244G | A | 0.097 | 4000 |
| 3 chrA3.137288C | A | 0.01342 | 3948 |
| 3 chrA3.137315G | A | 0.01805 | 3988 |
| 3 chrA3.137339A | G | 0.1294 | 4004 |
| 3 chrA3.137379C | A | 0.04593 | 3984 |
| 3 chrA3.137427G | A | 0.1963 | 3974 |
| 3 chrA3.137535A | G | 0.4155 | 3998 |
| 3 chrA3.137601C | A | 0.006619 | 3928 |
| 3 chrA3.137629G | A | 0.3704 | 3990 |
| 3 chrA3.137717A | G | 0.1873 | 3988 |
| 3 chrA3.137754A | G | 0.4628 | 4006 |
| 3 chrA3.137802A | G | 0.02354 | 3994 |
| 3 chrA3.137837A | G | 0.128 | 3938 |
| 3 chrA3.137867G | A | 0.4232 | 3984 |
| 3 chrA3.137930A | C | 0.1715 | 4006 |
| 3 chrA3.137970G | A | 0.1921 | 3992 |
| 3 chrA3.138065 | 0 G | 0 | 3968 |
| 3 chrA3.138074A | G | 0.1797 | 3996 |
| 3 chrA3.138104G | A | 0.2686 | 4010 |
| 3 chrA3.138151C | A | 0.497 | 3938 |
| 3 chrA3.138211G | A | 0.2541 | 3990 |
| 3 chrA3.138245G | A | 0.07481 | 4010 |
| 3 chrA3.138247G | A | 0.2798 | 4006 |
| 3 chrA3.138269A | G | 0.3728 | 4008 |
| 3 chrA3.138422C | A | 0.02294 | 4010 |
| 3 chrA3.138465A | G | 0.4053 | 3930 |
| 3 chrA3.138502G | A | 0.3289 | 4004 |
| 3 chrA3.138528G | A | 0.07071 | 4002 |
| 3 chrA3.138626A | G | 0.0998 | 4008 |
| 3 chrA3.138677G | A | 0.0522 | 3870 |
| 3 chrA3.138705A | G | 0.1678 | 3986 |
| 3 chrA3.138737G | A | 0.08232 | 3948 |
| 3 chrA3.138764A | G | 0.2774 | 3868 |
| 3 chrA3.138804G | A | 0.321 | 3906 |
| 3 chrA3.138850A | G | 0.06322 | 4002 |
| 3 chrA3.138938A | G | 0.03146 | 3942 |
| 3 chrA3.138992A | G | 0.03134 | 3988 |
| 3 chrA3.139022A | G | 0.03792 | 3824 |
| 3 chrA3.139108A | G | 0.2646 | 4006 |
| 3 chrA3.139132G | A | 0.2903 | 4000 |
| 3 chrA3.139159A | G | 0.02968 | 3942 |

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| 3 chrA3.139195G | A | 0.306 | 3994 |
| 3 chrA3.139225G | A | 0.2408 | 3978 |
| 3 chrA3.139277G | A | 0.2821 | 4002 |
| 3 chrA3.139304A | G | 0.001498 | 4006 |
| 3 chrA3.139338G | A | 0.4573 | 4004 |
| 3 chrA3.139377A | G | 0.3045 | 3994 |
| 3 chrA3.139415A | G | 0.005486 | 4010 |
| 3 chrA3.139415A | G | 0.149 | 3880 |
| 3 chrA3.139445C | A | 0.1114 | 3994 |
| 3 chrA3.139491A | G | 0.2087 | 3944 |
| 3 chrA3.139521C | A | 0.02526 | 3998 |
| 3 chrA3.139588A | G | 0.2779 | 3998 |
| 3 chrA3.139618A | C | 0.1524 | 4002 |
| 3 chrA3.139644A | G | 0.3205 | 3984 |
| 3 chrA3.139662G | A | 0.3656 | 4004 |
| 3 chrA3.139708A | G | 0.266 | 4000 |
| 3 chrA3.139756A | G | 0.4651 | 4006 |
| 3 chrA3.139780A | G | 0.4481 | 4006 |
| 3 chrA3.139835G | A | 0.09828 | 3948 |
| 3 chrA3.139912A | G | 0.07193 | 4004 |
| 3 chrA3.139990G | A | 0.02065 | 3874 |
| 3 chrA3.140037G | A | 0.4235 | 3998 |
| 3 chrA3.140072C | A | 0.3697 | 3992 |
| 3 chrA3.140095C | A | 0.02999 | 4002 |
| 3 chrA3.140135G | A | 0.1731 | 3968 |
| 3 chrUn17.3240A | G | 0.3831 | 3986 |
| 3 chrUn17.3208A | G | 0.3916 | 3996 |
| 3 chrUn17.3134C | A | 0.3744 | 3982 |
| 3 chrUn17.3003C | A | 0.4339 | 3994 |
| 3 chrUn17.2958A | G | 0.1549 | 4008 |
| 3 chrUn17.2930A | G | 0.05522 | 4002 |
| 3 chrUn17.2890A | G | 0.4057 | 4008 |
| 3 chrUn17.2824A | C | 0.3009 | 3782 |
| 3 chrUn17.2793A | G | 0.406 | 3808 |
| 3 chrUn17.2754A | G | 0.08608 | 4008 |
| 3 chrUn17.2712G | A | 0.1524 | 4002 |
| 3 chrUn17.2684G | A | 0.04793 | 4006 |
| 3 chrUn17.2633A | G | 0.2726 | 3988 |
| 3 chrUn17.2600A | G | 0.1011 | 4006 |
| 3 chrX.3148225A | G | 0.4365 | 3968 |
| 3 chrUn17.2510G | A | 0.2066 | 3998 |

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|---------------|---|-----|-----------|------|
| 3 chrUn17.244 | A | G | 0.3871 | 4004 |
| 3 chrUn17.240 | A | G | 0.2043 | 3930 |
| 3 chrUn17.236 | C | A | 0.2469 | 3856 |
| 3 chrUn17.229 | G | A | 0.3566 | 4004 |
| 3 chrUn17.226 | G | A | 0.2664 | 4006 |
| 3 chrUn17.223 | A | C | 0.05867 | 3886 |
| 3 chrUn17.215 | G | A | 0.4938 | 4000 |
| 3 chrUn17.212 | A | G | 0.1002 | 3994 |
| 3 chrUn17.207 | C | A | 0.06494 | 3988 |
| 3 chrUn17.207 | | 0 G | 0 | 4010 |
| 3 chrUn17.205 | A | G | 0.1163 | 4006 |
| 3 chrUn17.202 | A | G | 0.423 | 3946 |
| 3 chrUn17.198 | A | G | 0.377 | 4008 |
| 3 chrUn17.193 | A | G | 0.2581 | 3968 |
| 3 chrUn17.187 | A | G | 0.464 | 3970 |
| 3 chrUn17.184 | A | G | 0.3075 | 4000 |
| 3 chrUn17.180 | G | A | 0.3809 | 3896 |
| 3 chrUn17.179 | A | G | 0.2881 | 4006 |
| 3 chrUn17.176 | G | A | 0.2206 | 3998 |
| 3 chrUn17.170 | G | A | 0.2438 | 3814 |
| 3 chrUn17.166 | G | A | 0.2491 | 3998 |
| 3 chrUn17.162 | G | A | 0.1884 | 3976 |
| 3 chrUn17.158 | A | C | 0.1309 | 3996 |
| 3 chrUn17.153 | G | A | 0.49 | 3988 |
| 3 chrUn17.148 | A | G | 0.1412 | 4002 |
| 3 chrUn17.142 | A | G | 0.07788 | 4006 |
| 3 chrUn17.139 | C | A | 0.03716 | 4010 |
| 3 chrUn17.136 | C | A | 0.2937 | 3994 |
| 3 chrUn17.131 | G | A | 0.06366 | 3974 |
| 3 chrD2.97559 | C | A | 0.485 | 3998 |
| 3 chrA3.17523 | G | A | 0.04108 | 3968 |
| 3 chrA3.17505 | G | A | 0.1185 | 3992 |
| 3 chrA3.17498 | G | A | 0.1368 | 4006 |
| 3 chrA3.17493 | G | A | 0.4059 | 3984 |
| 3 chrA3.17488 | A | G | 0.03443 | 4008 |
| 3 chrA3.17483 | G | A | 0.4383 | 4004 |
| 3 chrA3.17477 | A | C | 0.1436 | 3998 |
| 3 chrA3.17471 | A | G | 0.4923 | 4006 |
| 3 chrA3.17468 | A | G | 0.1663 | 3746 |
| 3 chrA3.17463 | G | A | 0.0005048 | 3962 |
| 3 chrA3.17462 | A | G | 0.02887 | 3984 |

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| 3 chrA3.174597A | C | 0.4442 | 3978 |
| 3 chrA3.174556A | G | 0.03476 | 3826 |
| 3 chrA3.174505A | G | 0.4848 | 4002 |
| 3 chrA3.174465C | A | 0.4239 | 3902 |
| 3 chrA3.174424A | C | 0.2885 | 3886 |
| 3 chrA3.174396A | G | 0.2138 | 4004 |
| 3 chrA3.174345G | A | 0.08613 | 3878 |
| 3 chrA3.174286G | A | 0.2811 | 4006 |
| 3 chrA3.174202C | A | 0.3228 | 4002 |
| 3 chrA3.174151G | A | 0.2081 | 3978 |
| 3 chrA3.174148A | G | 0.1124 | 4004 |
| 3 chrA3.174125A | G | 0.2236 | 4002 |
| 3 chrUn.574586G | A | 0.1837 | 3860 |
| 3 chrA3.174087A | G | 0.1868 | 3994 |
| 3 chrA3.174061A | C | 0.2145 | 3944 |
| 3 chrA3.173879A | C | 0.1212 | 3992 |
| 3 chrA3.173791A | G | 0.03582 | 3964 |
| 3 chrA3.173755G | A | 0.01793 | 3848 |
| 3 chrA3.173712A | G | 0.02024 | 4002 |
| 3 chrA3.173685A | C | 0.2486 | 3962 |
| 3 chrA3.173646A | G | 0.2375 | 4000 |
| 3 chrA3.173592G | A | 0.1322 | 4000 |
| 3 chrA3.173531G | A | 0.01805 | 3990 |
| 3 chrA3.173498G | A | 0.232 | 3996 |
| 3 chrA3.173448G | A | 0.2358 | 3986 |
| 3 chrA3.173376A | G | 0.3489 | 4004 |
| 3 chrA3.173326G | A | 0.1454 | 4002 |
| 3 chrA3.173297A | G | 0.3043 | 4002 |
| 3 chrA3.173251G | A | 0.3433 | 3900 |
| 3 chrA3.173216G | A | 0.3415 | 4006 |
| 3 chrA3.173205A | C | 0.2475 | 4004 |
| 3 chrA3.173154G | A | 0.04417 | 3894 |
| 3 chrA3.173125A | G | 0.02109 | 3936 |
| 3 chrA3.173079G | A | 0.448 | 3958 |
| 3 chrA3.173065 | 0 G | 0 | 4008 |
| 3 chrA3.173049G | A | 0.031 | 3968 |
| 3 chrA3.173024A | G | 0.1233 | 4006 |
| 3 chrA3.172987A | G | 0.2727 | 3880 |
| 3 chrA3.172917A | G | 0.3912 | 4006 |
| 3 chrA3.172837A | G | 0.1633 | 3974 |
| 3 chrA3.172802A | G | 0.3882 | 4006 |

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| 3 chrA3.172737A | G | 0.3275 | 3954 |
| 3 chrA3.172677A | G | 0.1969 | 3972 |
| 3 chrA3.172627A | G | 0.2385 | 3988 |
| 3 chrA3.172587A | G | 0.2059 | 3988 |
| 3 chrA3.172527G | A | 0.08216 | 3992 |
| 3 chrA3.172476G | A | 0.01499 | 4004 |
| 3 chrA3.172437G | A | 0.01888 | 3920 |
| 3 chrA3.172416G | A | 0.4957 | 3988 |
| 3 chrA3.172327G | A | 0.05178 | 3998 |
| 3 chrA3.172287G | A | 0.3421 | 4002 |
| 3 chrA3.172247A | G | 0.2059 | 4006 |
| 3 chrA3.172217C | A | 0.02774 | 4002 |
| 3 chrA3.172177A | G | 0.3485 | 3994 |
| 3 chrA3.172137A | G | 0.05264 | 4008 |
| 3 chrA3.172117G | A | 0.3311 | 4008 |
| 3 chrA3.172077A | G | 0.1524 | 4008 |
| 3 chrA3.172057A | G | 0.004498 | 4002 |
| 3 chrA3.171947G | A | 0.3227 | 3998 |
| 3 chrUn.786657A | G | 0.4779 | 3978 |
| 3 chrA3.171897C | A | 0.1459 | 4002 |
| 3 chrA3.171877G | A | 0.237 | 3992 |
| 3 chrA3.171847A | G | 0.1401 | 3868 |
| 3 chrA3.171757A | G | 0.01397 | 4008 |
| 3 chrA3.171727C | A | 0.1171 | 4004 |
| 3 chrA3.171697G | A | 0.2194 | 3984 |
| 3 chrA3.171647A | G | 0.05215 | 4008 |
| 3 chrA3.171607A | G | 0.4154 | 4006 |
| 3 chrA3.171577A | G | 0.1302 | 3832 |
| 3 chrA3.171527A | C | 0.2458 | 3918 |
| 3 chrA3.171477G | A | 0.09091 | 3982 |
| 3 chrA3.171407A | G | 0.2174 | 3998 |
| 3 chrUn.651367C | A | 0.3101 | 3912 |
| 3 chrA3.171367C | A | 0.2873 | 3892 |
| 3 chrA3.171357G | A | 0.1929 | 3996 |
| 3 chrA3.171347G | A | 0.4584 | 3994 |
| 3 chrA3.171277A | G | 0.3988 | 3992 |
| 3 chrA3.171247A | G | 0.269 | 4004 |
| 3 chrA3.131747A | G | 0.2364 | 4006 |
| 3 chrA3.171217G | A | 0.1925 | 3990 |
| 3 chrA3.171197A | G | 0.01073 | 4008 |
| 3 chrA3.171177A | G | 0.1164 | 4004 |

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| 3 chrA3.171085A | G | 0.228 | 4004 |
| 3 chrA3.171065G | A | 0.2324 | 3958 |
| 3 chrA3.171035C | A | 0.2348 | 4008 |
| 3 chrA3.170974A | C | 0.4692 | 3996 |
| 3 chrA3.170935A | G | 0.01043 | 3836 |
| 3 chrA3.125617A | C | 0.08535 | 3808 |
| 3 chrA3.170906A | G | 0.1888 | 3734 |
| 3 chrA3.170806A | G | 0.3211 | 3974 |
| 3 chrA3.170761A | G | 0.0455 | 4000 |
| 3 chrA3.170728G | A | 0.2196 | 4008 |
| 3 chrA3.170675A | G | 0.307 | 3968 |
| 3 chrA3.170624A | G | 0.0197 | 4010 |
| 3 chrA3.170587G | A | 0.06269 | 4004 |
| 3 chrA3.170574A | G | 0.1843 | 3982 |
| 3 chrA3.170515A | G | 0.4334 | 3994 |
| 3 chrA3.170406A | G | 0.1643 | 4006 |
| 3 chrA3.170365G | A | 0.2157 | 3992 |
| 3 chrA3.170346G | A | 0.3845 | 3982 |
| 3 chrA3.170306C | A | 0.4972 | 3994 |
| 3 chrA3.170265A | G | 0.2298 | 3990 |
| 3 chrA3.170166A | G | 0.01847 | 4006 |
| 3 chrA3.170125A | G | 0.3798 | 3992 |
| 3 chrA3.170076A | C | 0.462 | 4000 |
| 3 chrA3.170045C | A | 0.01548 | 4006 |
| 3 chrA3.169992G | A | 0.1103 | 4008 |
| 3 chrA3.169952A | G | 0.02494 | 4010 |
| 3 chrA3.169927G | A | 0.3965 | 4000 |
| 3 chrA3.169886G | A | 0.1455 | 3992 |
| 3 chrA3.169851A | G | 0.1048 | 4006 |
| 3 chrA3.169822A | G | 0.04618 | 4006 |
| 3 chrA3.169794A | G | 0.05085 | 3992 |
| 3 chrA3.169747G | A | 0.4587 | 3848 |
| 3 chrA3.169716G | A | 0.2236 | 4008 |
| 3 chrA3.169666A | G | 0.2228 | 3994 |
| 3 chrA3.169616A | G | 0.06867 | 3728 |
| 3 chrA3.169592 | 0 G | 0 | 4010 |
| 3 chrA3.169487G | A | 0.3238 | 4002 |
| 3 chrA3.169445A | G | 0.4583 | 3980 |
| 3 chrA3.169446G | A | 0.1057 | 3776 |
| 3 chrA3.169407A | G | 0.01987 | 3824 |
| 3 chrA3.169365A | G | 0.0262 | 4008 |

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| 3 chrA3.169247A | G | 0.1361 | 3930 |
| 3 chrA3.169218A | G | 0.3304 | 3998 |
| 3 chrA3.169191A | G | 0.4686 | 3950 |
| 3 chrA3.169161A | G | 0.1703 | 4004 |
| 3 chrA3.169111G | A | 0.1288 | 3844 |
| 3 chrA3.169060A | G | 0.06266 | 4006 |
| 3 chrA3.168984G | A | 0.06818 | 4004 |
| 3 chrA3.168960A | C | 0.4522 | 3998 |
| 3 chrA3.168929G | A | 0.02092 | 3968 |
| 3 chrA3.168891G | A | 0.3465 | 3986 |
| 3 chrA3.168850G | A | 0.4427 | 3736 |
| 3 chrA3.168749A | G | 0.07381 | 3834 |
| 3 chrA3.168697A | G | 0.2091 | 4008 |
| 3 chrA3.168656G | A | 0.03706 | 3994 |
| 3 chrA3.168527A | C | 0.1899 | 3996 |
| 3 chrA3.168463A | G | 0.3324 | 3998 |
| 3 chrA3.168431A | G | 0.02969 | 4008 |
| 3 chrA3.168365A | G | 0.07 | 4000 |
| 3 chrA3.168338A | G | 0.1915 | 4000 |
| 3 chrA3.168320C | A | 0.102 | 3992 |
| 3 chrA3.168263G | A | 0.4174 | 3994 |
| 3 chrA3.168225A | G | 0.4665 | 4002 |
| 3 chrA3.168165A | G | 0.001502 | 3996 |
| 3 chrA3.168071G | A | 0.1067 | 4010 |
| 3 chrA3.168031A | G | 0.1624 | 4008 |
| 3 chrA3.168007C | A | 0.1608 | 3892 |
| 3 chrA3.167934G | A | 0.1306 | 3990 |
| 3 chrA3.167907A | G | 0.2509 | 4002 |
| 3 chrA3.167850A | G | 0.1638 | 4006 |
| 3 chrA3.167520G | A | 0.08516 | 4004 |
| 3 chrA3.167550A | G | 0.2535 | 4004 |
| 3 chrA3.167597G | C | 0.4657 | 4000 |
| 3 chrA3.167597G | A | 0.4945 | 4000 |
| 3 chrA3.167626A | G | 0.08825 | 4000 |
| 3 chrA3.167619G | A | 0.1394 | 3996 |
| 3 chrA3.167497G | A | 0.1522 | 4000 |
| 3 chrA3.167417G | A | 0.3871 | 4002 |
| 3 chrA3.167467G | A | 0.3644 | 4004 |
| 3 chrA3.167364A | G | 0.3437 | 4006 |
| 3 chrA3.167327A | G | 0.2291 | 4002 |
| 3 chrA3.167177A | G | 0.2228 | 4004 |

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| 3 chrA3.167115G | A | 0.2231 | 3994 |
| 3 chrA3.167074A | G | 0.0467 | 4004 |
| 3 chrA3.167050A | C | 0.1326 | 3998 |
| 3 chrA3.166975A | G | 0.1283 | 3844 |
| 3 chrA3.167267A | G | 0.1222 | 4000 |
| 3 chrA3.166940G | A | 0.2078 | 4008 |
| 3 chrA3.166877G | A | 0.2145 | 3990 |
| 3 chrA3.166810G | A | 0.4444 | 3994 |
| 3 chrA3.166745G | A | 0.08608 | 4008 |
| 3 chrA3.166744G | A | 0.09639 | 3994 |
| 3 chrA3.166718G | A | 0.1614 | 4002 |
| 3 chrA3.167006A | G | 0.1797 | 3990 |
| 3 chrA3.166639G | A | 0.1432 | 4008 |
| 3 chrA3.166606A | G | 0.3062 | 4004 |
| 3 chrA3.166565G | A | 0.1883 | 3998 |
| 3 chrA3.166540A | G | 0.2944 | 3998 |
| 3 chrA3.166482A | G | 0.2674 | 3964 |
| 3 chrA3.166506A | G | 0.2101 | 4002 |
| 3 chrA3.166450G | A | 0.1191 | 4006 |
| 3 chrA3.166389A | G | 0.1231 | 3882 |
| 3 chrA3.166345G | A | 0.4833 | 4006 |
| 3 chrA3.166314A | G | 0.3015 | 3970 |
| 3 chrA3.166238G | A | 0.2275 | 4004 |
| 3 chrA3.166150A | G | 0.1036 | 4004 |
| 3 chrA3.166070C | A | 0.1951 | 3998 |
| 3 chrA3.166015G | A | 0.03195 | 4006 |
| 3 chrA3.165925C | A | 0.2411 | 3986 |
| 3 chrA3.165878A | C | 0.4571 | 3990 |
| 3 chrA3.165828A | G | 0.4105 | 3990 |
| 3 chrA3.165826A | G | 0.001248 | 4006 |
| 3 chrA3.165781A | G | 0.4617 | 4000 |
| 3 chrA3.165716G | A | 0.3217 | 4004 |
| 3 chrA3.165609A | G | 0.167 | 3964 |
| 3 chrA3.165562C | A | 0.2798 | 4000 |
| 3 chrA3.165535 | 0 A | 0 | 4008 |
| 3 chrA3.165491C | A | 0.4239 | 4008 |
| 3 chrA3.165458A | G | 0.1562 | 3988 |
| 3 chrA3.165415C | A | 0.2269 | 3976 |
| 3 chrA3.165415G | A | 0.4174 | 3984 |
| 3 chrA3.165359A | G | 0.32 | 3984 |
| 3 chrA3.165310A | C | 0.2217 | 3996 |

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| 3 chrA3.165228A | G | 0.4801 | 3978 |
| 3 chrA3.165186A | G | 0.05997 | 4002 |
| 3 chrA3.165106G | A | 0.2351 | 4006 |
| 3 chrA3.165078G | A | 0.0887 | 3946 |
| 3 chrA3.165074G | A | 0.08838 | 3994 |
| 3 chrA3.165031A | G | 0.2094 | 3888 |
| 3 chrA3.165003C | A | 0.2847 | 3980 |
| 3 chrA3.164956A | G | 0.2726 | 3988 |
| 3 chrA3.164926G | A | 0.3884 | 3998 |
| 3 chrA3.164842A | C | 0.3959 | 3996 |
| 3 chrA3.164759A | G | 0.05322 | 3908 |
| 3 chrA3.164724A | G | 0.2582 | 4004 |
| 3 chrA3.164697A | G | 0.2329 | 3998 |
| 3 chrA3.164567G | A | 0.225 | 4004 |
| 3 chrA3.164527A | G | 0.2338 | 4000 |
| 3 chrA3.164506G | A | 0.3571 | 3968 |
| 3 chrA3.164449G | A | 0.2724 | 4002 |
| 3 chrA3.164399A | G | 0.25 | 4008 |
| 3 chrA3.164371A | G | 0.3153 | 4000 |
| 3 chrA3.164346G | A | 0.1566 | 3990 |
| 3 chrA3.164316G | A | 0.1621 | 4004 |
| 3 chrA3.164279A | G | 0.06488 | 3992 |
| 3 chrA3.164228A | G | 0.008291 | 3980 |
| 3 chrA3.164199A | C | 0.01996 | 4008 |
| 3 chrA3.164142A | G | 0.1198 | 3990 |
| 3 chrA3.164113G | A | 0.0404 | 4010 |
| 3 chrA3.164069A | C | 0.263 | 3992 |
| 3 chrA3.164039G | A | 0.2005 | 4004 |
| 3 chrA3.163973G | A | 0.1451 | 4010 |
| 3 chrA3.163906A | G | 0.08296 | 4002 |
| 3 chrA3.163816A | G | 0.1937 | 4002 |
| 3 chrA3.163767A | G | 0.452 | 3998 |
| 3 chrA3.163737A | G | 0.1772 | 4000 |
| 3 chrA3.163704A | C | 0.4433 | 3986 |
| 3 chrA3.163679G | A | 0.4486 | 4004 |
| 3 chrA3.163644A | G | 0.1572 | 4002 |
| 3 chrA3.163604G | A | 0.3499 | 4004 |
| 3 chrA3.163537A | G | 0.03944 | 4006 |
| 3 chrA3.163499A | G | 0.3843 | 3994 |
| 3 chrA3.163471G | A | 0.4112 | 3964 |
| 3 chrA3.163439G | A | 0.146 | 4008 |

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| 3 chrA3.163384A | G | 0.4917 | 3996 |
| 3 chrA3.163320C | A | 0.1383 | 3978 |
| 3 chrA3.163295A | G | 0.1098 | 3980 |
| 3 chrA3.163251G | A | 0.4182 | 4008 |
| 3 chrA3.163188A | G | 0.483 | 4002 |
| 3 chrA3.163154A | G | 0.2406 | 4006 |
| 3 chrA3.163104A | G | 0.08155 | 4010 |
| 3 chrA3.163021A | C | 0.4196 | 3994 |
| 3 chrA3.162970G | A | 0.1509 | 4002 |
| 3 chrA3.162969 | 0 G | 0 | 4008 |
| 3 chrA3.162915A | C | 0.434 | 3998 |
| 3 chrA3.162880G | A | 0.1722 | 3990 |
| 3 chrA3.162855G | A | 0.1734 | 4008 |
| 3 chrA3.162796A | G | 0.06278 | 3998 |
| 3 chrA3.162765A | G | 0.2785 | 4000 |
| 3 chrA3.162687A | G | 0.2954 | 3998 |
| 3 chrA3.162650G | A | 0.08392 | 4004 |
| 3 chrA3.162621G | A | 0.1325 | 3978 |
| 3 chrA3.162578A | G | 0.3365 | 4006 |
| 3 chrA3.162525A | G | 0.4195 | 3998 |
| 3 chrA3.162487G | A | 0.205 | 3956 |
| 3 chrA3.162451C | A | 0.1789 | 3996 |
| 3 chrA3.162415G | A | 0.1408 | 3964 |
| 3 chrUn.704643G | A | 0.0118 | 3982 |
| 3 chrA3.162376G | A | 0.4559 | 3948 |
| 3 chrA3.162345G | A | 0.3477 | 3992 |
| 3 chrA3.162319C | A | 0.01509 | 3844 |
| 3 chrA3.162284A | C | 0.0671 | 3964 |
| 3 chrA3.162209A | G | 0.2562 | 3970 |
| 3 chrA3.162181C | A | 0.492 | 4004 |
| 3 chrA3.162100A | C | 0.3556 | 3990 |
| 3 chrA3.162055A | C | 0.02693 | 3974 |
| 3 chrA3.162027A | G | 0.08067 | 4004 |
| 3 chrA3.161984A | C | 0.2974 | 3968 |
| 3 chrA3.161945A | G | 0.2176 | 3994 |
| 3 chrA3.161858A | G | 0.04127 | 3998 |
| 3 chrA3.161805A | G | 0.06582 | 3950 |
| 3 chrA3.161777A | G | 0.2208 | 3990 |
| 3 chrA3.161736A | G | 0.4254 | 4006 |
| 3 chrA3.161726C | A | 0.03308 | 3930 |
| 3 chrA3.161679G | A | 0.1779 | 4008 |

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| 3 chrA3.161631A | G | 0.1545 | 4000 |
| 3 chrA3.161577A | G | 0.2373 | 4004 |
| 3 chrA3.161540A | G | 0.1737 | 4006 |
| 3 chrA3.161486G | A | 0.02346 | 4006 |
| 3 chrA3.161445A | G | 0.1433 | 3776 |
| 3 chrA3.161395G | A | 0.2862 | 4008 |
| 3 chrA3.161371A | G | 0.3463 | 4008 |
| 3 chrA3.161338A | G | 0.09605 | 3998 |
| 3 chrA3.161266A | G | 0.05863 | 4008 |
| 3 chrA3.161222G | A | 0.3048 | 4006 |
| 3 chrA3.161175G | A | 0.1468 | 3952 |
| 3 chrA3.161147G | A | 0.08437 | 4006 |
| 3 chrA3.161062A | C | 0.2208 | 3994 |
| 3 chrA3.160965G | A | 0.08968 | 3992 |
| 3 chrA3.160910G | A | 0.1041 | 4006 |
| 3 chrA3.160807A | G | 0.2259 | 4006 |
| 3 chrA3.160785G | A | 0.01052 | 3898 |
| 3 chrA3.160675G | A | 0.4353 | 4006 |
| 3 chrA3.160641A | G | 0.09965 | 3984 |
| 3 chrA3.160604A | G | 0.1131 | 3988 |
| 3 chrA3.160566A | C | 0.1036 | 3686 |
| 3 chrA3.160530C | A | 0.4964 | 3866 |
| 3 chrUn.244747A | G | 0.3167 | 3994 |
| 3 chrUn.477050A | G | 0.07 | 4000 |
| 3 chrA3.160408G | A | 0.462 | 4004 |
| 3 chrA3.160375G | A | 0.2188 | 3972 |
| 3 chrA3.160345A | G | 0.02222 | 4006 |
| 3 chrA3.160337 | 0 A | 0 | 3990 |
| 3 chrA3.160315G | A | 0.05618 | 3898 |
| 3 chrA3.160271A | G | 0.02944 | 3838 |
| 3 chrA3.160202A | G | 0.09715 | 3860 |
| 3 chrA3.160122G | A | 0.409 | 3990 |
| 3 chrA3.160090A | G | 0.08572 | 3978 |
| 3 chrA3.160044A | G | 0.04902 | 3896 |
| 3 chrA3.160045G | A | 0.1613 | 3998 |
| 3 chrA3.160002A | G | 0.08834 | 3996 |
| 3 chrA3.159964A | G | 0.3939 | 3996 |
| 3 chrA3.159917A | G | 0.163 | 4000 |
| 3 chrA3.159875A | C | 0.1461 | 3990 |
| 3 chrA3.159846A | G | 0.2802 | 4004 |
| 3 chrA3.159815A | G | 0.3626 | 4004 |

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| 3 chrA3.159670A | C | 0.3791 | 3978 |
| 3 chrA3.159646A | G | 0.3207 | 4004 |
| 3 chrA3.159621A | G | 0.1957 | 4000 |
| 3 chrA3.159565A | G | 0.02843 | 4010 |
| 3 chrA3.159538G | A | 0.4582 | 3996 |
| 3 chrA3.159462G | A | 0.1367 | 4008 |
| 3 chrA3.159427A | C | 0.4303 | 4002 |
| 3 chrA3.159396A | G | 0.06437 | 4008 |
| 3 chrA3.159339C | A | 0.1085 | 4000 |
| 3 chrA3.159285A | G | 0.03998 | 4002 |
| 3 chrA3.159248A | G | 0.09055 | 3998 |
| 3 chrA3.159136G | A | 0.249 | 4000 |
| 3 chrA3.159105A | G | 0.1631 | 4010 |
| 3 chrA3.159072G | A | 0.2344 | 4002 |
| 3 chrA3.158996A | C | 0.1687 | 3990 |
| 3 chrA3.158967A | C | 0.006238 | 4008 |
| 3 chrA3.158926A | G | 0.2648 | 3988 |
| 3 chrA3.158896C | A | 0.1005 | 4008 |
| 3 chrA3.158828A | C | 0.1582 | 3988 |
| 3 chrA3.158754A | G | 0.3586 | 3988 |
| 3 chrA3.158724A | G | 0.2187 | 3992 |
| 3 chrA3.158673A | G | 0.4567 | 4000 |
| 3 chrA3.158624A | G | 0.3376 | 4002 |
| 3 chrA3.158624G | A | 0.1751 | 3980 |
| 3 chrA3.158549G | A | 0.4643 | 4004 |
| 3 chrA3.158518A | G | 0.3054 | 3998 |
| 3 chrA3.158488A | G | 0.1373 | 4006 |
| 3 chrA3.158461G | A | 0.1538 | 3758 |
| 3 chrA3.158433G | A | 0.4736 | 3972 |
| 3 chrA3.158389A | G | 0.2006 | 3984 |
| 3 chrA3.158358A | C | 0.2129 | 3984 |
| 3 chrA3.158279A | G | 0.04098 | 4002 |
| 3 chrA3.158214A | G | 0.07057 | 3982 |
| 3 chrA3.158123A | G | 0.2699 | 4002 |
| 3 chrA3.158064G | A | 0.467 | 4000 |
| 3 chrA3.158029A | G | 0.03715 | 3768 |
| 3 chrA3.158006A | G | 0.4995 | 3982 |
| 3 chrA3.157895A | G | 0.2765 | 3986 |
| 3 chrA3.157883G | A | 0.4828 | 4002 |
| 3 chrA3.157867A | C | 0.1214 | 4002 |
| 3 chrA3.157822G | A | 0.3665 | 3986 |

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| 3 chrA3.157766A | G | 0.09431 | 4008 |
| 3 chrA3.157742A | G | 0.2709 | 3968 |
| 3 chrA3.157611G | A | 0.1922 | 3710 |
| 3 chrA3.157560A | G | 0.08674 | 3966 |
| 3 chrA3.157514C | A | 0.4006 | 4006 |
| 3 chrA3.157484A | G | 0.05527 | 3890 |
| 3 chrA3.157453A | C | 0.1989 | 3992 |
| 3 chrA3.157419G | A | 0.3226 | 4002 |
| 3 chrA3.157388A | G | 0.1012 | 4000 |
| 3 chrA3.157261G | A | 0.08467 | 4004 |
| 3 chrA3.157224G | A | 0.1678 | 4004 |
| 3 chrA3.157189G | A | 0.3353 | 4002 |
| 3 chrA3.157159A | C | 0.05253 | 3998 |
| 3 chrA3.157129A | G | 0.3079 | 3966 |
| 3 chrA3.157090G | A | 0.139 | 3992 |
| 3 chrA3.157029A | G | 0.1457 | 4002 |
| 3 chrA3.157021C | A | 0.357 | 3972 |
| 3 chrA3.156978A | G | 0.1728 | 4004 |
| 3 chrA3.156947G | A | 0.2458 | 4004 |
| 3 chrA3.156919G | A | 0.3719 | 4006 |
| 3 chrA3.156879A | G | 0.2004 | 3998 |
| 3 chrA3.156826A | G | 0.1646 | 4010 |
| 3 chrA3.156686A | C | 0.03423 | 3886 |
| 3 chrA3.156620G | A | 0.4338 | 4002 |
| 3 chrA3.156504G | A | 0.3414 | 3990 |
| 3 chrA3.156468A | G | 0.09098 | 3946 |
| 3 chrA3.156430G | A | 0.4036 | 3992 |
| 3 chrA3.156376A | G | 0.3822 | 3938 |
| 3 chrA3.156352G | A | 0.3546 | 3892 |
| 3 chrA3.156321A | G | 0.1767 | 4002 |
| 3 chrA3.156274G | A | 0.4822 | 3994 |
| 3 chrA3.156211A | G | 0.1223 | 3990 |
| 3 chrA3.156106G | A | 0.441 | 4002 |
| 3 chrA3.156054A | G | 0.01324 | 4004 |
| 3 chrA3.156004A | G | 0.4195 | 3814 |
| 3 chrA3.155936A | C | 0.2816 | 3988 |
| 3 chrA3.155811C | A | 0.1637 | 3990 |
| 3 chrA3.155763G | A | 0.136 | 4008 |
| 3 chrA3.155660A | G | 0.1606 | 3986 |
| 3 chrA3.155597G | A | 0.3527 | 3992 |
| 3 chrA3.140224A | G | 0.4682 | 4000 |

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| 3 chrA3.140269A | G | 0.186 | 3904 |
| 3 chrA3.140311G | A | 0.2769 | 3958 |
| 3 chrA3.140341A | G | 0.09894 | 3962 |
| 3 chrA3.140369A | C | 0.2684 | 3998 |
| 3 chrA3.140400G | A | 0.1786 | 3980 |
| 3 chrA3.140438G | A | 0.02198 | 4004 |
| 3 chrA3.140471A | G | 0.02401 | 3998 |
| 3 chrA3.140520G | A | 0.4591 | 4006 |
| 3 chrA3.140544G | A | 0.4512 | 3996 |
| 3 chrA3.140651A | G | 0.276 | 4000 |
| 3 chrA3.140676A | G | 0.2486 | 3918 |
| 3 chrA3.140709A | G | 0.08734 | 3996 |
| 3 chrA3.140731A | G | 0.2288 | 3982 |
| 3 chrA3.140756A | G | 0.2769 | 3940 |
| 3 chrA3.140799G | A | 0.1384 | 3996 |
| 3 chrA3.140889A | G | 0.4247 | 3996 |
| 3 chrA3.140961G | A | 0.4186 | 4004 |
| 3 chrA3.141058A | G | 0.1415 | 4000 |
| 3 chrA3.141113G | A | 0.02135 | 3982 |
| 3 chrA3.141169A | G | 0.1238 | 4006 |
| 3 chrA3.141211C | A | 0.2973 | 3986 |
| 3 chrA3.141229A | G | 0.1377 | 3986 |
| 3 chrA3.141286A | G | 0.2176 | 3984 |
| 3 chrA3.141319G | A | 0.2637 | 3834 |
| 3 chrA3.141374G | A | 0.3286 | 3996 |
| 3 chrA3.141418A | G | 0.1616 | 3998 |
| 3 chrA3.141464G | A | 0.2016 | 4002 |
| 3 chrA3.141596A | G | 0.2244 | 3988 |
| 3 chrA3.141644C | A | 0.2716 | 3958 |
| 3 chrA3.141648G | A | 0.3183 | 4002 |
| 3 chrA3.141750A | C | 0.35 | 3626 |
| 3 chrA3.141779G | A | 0.236 | 3992 |
| 3 chrA3.141859A | G | 0.1589 | 3984 |
| 3 chrA3.141889A | G | 0.4935 | 3996 |
| 3 chrA3.141934A | G | 0.4491 | 3992 |
| 3 chrA3.141966G | A | 0.3228 | 4002 |
| 3 chrA3.141999G | A | 0.02775 | 4000 |
| 3 chrA3.142029A | G | 0.1936 | 3988 |
| 3 chrA3.142082G | A | 0.4115 | 4002 |
| 3 chrA3.142129C | A | 0.1238 | 3700 |
| 3 chrA3.142168A | G | 0.239 | 3966 |

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| 3 chrA3.142247G | A | 0.2335 | 4000 |
| 3 chrA3.142294C | A | 0.3716 | 3986 |
| 3 chrA3.142321A | G | 0.08392 | 4004 |
| 3 chrA3.142393A | G | 0.1188 | 3990 |
| 3 chrA3.142463G | A | 0.009236 | 4006 |
| 3 chrA3.142497G | A | 0.2442 | 3764 |
| 3 chrA3.142573A | G | 0.1502 | 3996 |
| 3 chrA3.142607A | G | 0.007744 | 3874 |
| 3 chrA3.142643G | A | 0.2204 | 3992 |
| 3 chrA3.142740A | G | 0.4852 | 3998 |
| 3 chrA3.142768G | A | 0.3569 | 3996 |
| 3 chrA3.142793G | A | 0.2068 | 3980 |
| 3 chrA3.142821G | A | 0.3765 | 3822 |
| 3 chrA3.142897A | G | 0.3071 | 3996 |
| 3 chrA3.142937A | G | 0.1449 | 4004 |
| 3 chrA3.142976A | G | 0.3148 | 3984 |
| 3 chrA3.143037C | A | 0.08533 | 4008 |
| 3 chrA3.143059A | G | 0.1039 | 3926 |
| 3 chrA3.143128A | C | 0.2028 | 3980 |
| 3 chrA3.143159A | C | 0.157 | 3988 |
| 3 chrA3.143194A | G | 0.2917 | 3936 |
| 3 chrA3.143230A | G | 0.207 | 4004 |
| 3 chrA3.143279A | G | 0.2497 | 3700 |
| 3 chrC2.132254A | G | 0.01503 | 3860 |
| 3 chrA3.143320G | A | 0.1647 | 3996 |
| 3 chrA3.143418C | A | 0.1314 | 4004 |
| 3 chrA3.143480C | A | 0.2837 | 4000 |
| 3 chrA3.143551A | G | 0.4036 | 3984 |
| 3 chrA3.143585A | C | 0.4611 | 3988 |
| 3 chrA3.143656G | A | 0.2195 | 3990 |
| 3 chrA3.143687G | A | 0.1261 | 3980 |
| 3 chrA3.143716A | G | 0.2089 | 3998 |
| 3 chrA3.143794G | A | 0.08337 | 4006 |
| 3 chrA3.143824A | G | 0.193 | 3968 |
| 3 chrA3.143857A | G | 0.1982 | 3980 |
| 3 chrA3.144045A | G | 0.147 | 3884 |
| 3 chrA3.144083G | A | 0.08853 | 3942 |
| 3 chrA3.144109G | A | 0.1618 | 3992 |
| 3 chrA3.144138G | A | 0.1614 | 4002 |
| 3 chrA3.144216A | G | 0.4175 | 4002 |
| 3 chrA3.144261A | G | 0.2927 | 3990 |

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| 3 chrA3.14431 | G A | 0.3859 | 3952 |
| 3 chrA3.14438 | C A | 0.121 | 3902 |
| 3 chrA3.14441 | G A | 0.2536 | 3892 |
| 3 chrUn.33503 | A G | 0.4955 | 4000 |
| 3 chrA3.14445 | A G | 0.3283 | 3902 |
| 3 chrA3.14448 | C A | 0.07931 | 3770 |
| 3 chrA3.14453 | A G | 0.1445 | 3994 |
| 3 chrA3.14456 | A G | 0.2722 | 4000 |
| 3 chrA3.14460 | G A | 0.000999 | 4004 |
| 3 chrA3.14465 | A G | 0.07456 | 4010 |
| 3 chrA3.14470 | A G | 0.09611 | 4006 |
| 3 chrA3.14473 | A G | 0.4034 | 3964 |
| 3 chrA3.14478 | A C | 0.1261 | 4006 |
| 3 chrA3.14483 | C A | 0.0978 | 4008 |
| 3 chrA3.14486 | A G | 0.4632 | 3992 |
| 3 chrA3.14495 | C G | 0.1168 | 3990 |
| 3 chrA3.14501 | G A | 0.3369 | 4004 |
| 3 chrA3.14504 | A G | 0.1627 | 4002 |
| 3 chrA3.14507 | G A | 0.3933 | 3944 |
| 3 chrA3.14512 | C A | 0.2062 | 4006 |
| 3 chrA3.14515 | A G | 0.09482 | 3976 |
| 3 chrA3.14520 | A G | 0.04752 | 3998 |
| 3 chrA3.14523 | A G | 0.07114 | 4006 |
| 3 chrA3.14526 | A G | 0.06673 | 3956 |
| 3 chrA3.14531 | C A | 0.06498 | 3986 |
| 3 chrA3.14533 | A G | 0.2667 | 3974 |
| 3 chrA3.14536 | A G | 0.259 | 4000 |
| 3 chrUn.18139 | A C | 0.3102 | 3636 |
| 3 chrA3.14544 | C A | 0.1109 | 3968 |
| 3 chrA3.14549 | A G | 0.1172 | 3986 |
| 3 chrA3.14552 | C G | 0 | 4008 |
| 3 chrA3.14557 | G A | 0.3091 | 3986 |
| 3 chrA3.14560 | A G | 0.02949 | 4002 |
| 3 chrA3.14570 | A G | 0.1959 | 3986 |
| 3 chrA3.14578 | A G | 0.06162 | 3976 |
| 3 chrA3.14586 | A G | 0.4148 | 3992 |
| 3 chrA3.14589 | A G | 0.293 | 3990 |
| 3 chrA3.14592 | A G | 0.4316 | 3992 |
| 3 chrA3.14595 | A C | 0.152 | 4006 |
| 3 chrA3.14599 | A G | 0.2571 | 3998 |
| 3 chrA3.14604 | A G | 0.1885 | 3958 |

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| 3 chrA3.146066G | A | 0.3862 | 3964 |
| 3 chrA3.146115A | G | 0.434 | 3984 |
| 3 chrA3.146134A | G | 0.1196 | 3998 |
| 3 chrA3.146165G | A | 0.4972 | 3996 |
| 3 chrA3.146197A | C | 0.1661 | 3998 |
| 3 chrA3.146245A | G | 0.2143 | 3980 |
| 3 chrA3.146310A | C | 0.08187 | 3982 |
| 3 chrA3.146355A | G | 0.2823 | 3982 |
| 3 chrA3.146365G | A | 0.2457 | 3996 |
| 3 chrA3.146465A | G | 0.1609 | 3978 |
| 3 chrA3.146488G | A | 0.3579 | 3996 |
| 3 chrA3.146531G | A | 0.1704 | 4002 |
| 3 chrA3.146594A | G | 0.1388 | 4006 |
| 3 chrA3.146635A | G | 0.4507 | 3996 |
| 3 chrA3.146695G | A | 0.1019 | 3996 |
| 3 chrUn30.7845G | A | 0.396 | 3992 |
| 3 chrUn.779451A | G | 0.4609 | 3968 |
| 3 chrA3.146757C | A | 0.01825 | 4000 |
| 3 chrA3.146785G | A | 0.3402 | 4000 |
| 3 chrA3.146826G | A | 0.408 | 3934 |
| 3 chrA3.146858A | C | 0.3452 | 3670 |
| 3 chrA3.146900G | A | 0.1919 | 3986 |
| 3 chrA3.146944C | A | 0.06318 | 3862 |
| 3 chrA3.146968G | A | 0.4257 | 3918 |
| 3 chrA3.146998A | G | 0.07621 | 3792 |
| 3 chrA3.147048G | A | 0.1241 | 4004 |
| 3 chrA3.147085G | A | 0.285 | 3986 |
| 3 chrA3.147111A | G | 0.1415 | 3978 |
| 3 chrA3.147165G | A | 0.3704 | 4006 |
| 3 chrA3.147236G | A | 0.2007 | 3902 |
| 3 chrA3.147270A | G | 0.2846 | 4006 |
| 3 chrA3.147346G | A | 0.296 | 3996 |
| 3 chrA3.147392A | G | 0.2696 | 4002 |
| 3 chrA3.147477A | G | 0.1952 | 3980 |
| 3 chrA3.147525A | G | 0.1491 | 3956 |
| 3 chrA3.147578A | G | 0.08104 | 3998 |
| 3 chrA3.147637A | G | 0.4094 | 3996 |
| 3 chrA3.147745G | A | 0.06915 | 4006 |
| 3 chrA3.147755G | A | 0.004625 | 3892 |
| 3 chrA3.147780A | G | 0.06247 | 3938 |
| 3 chrA3.147795A | G | 0.003748 | 4002 |

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| 3 chrA3.147863A | G | 0.06244 | 4004 |
| 3 chrA3.147957A | G | 0.3059 | 4004 |
| 3 chrA3.147983A | G | 0.3497 | 3998 |
| 3 chrA3.148020G | A | 0.468 | 4006 |
| 3 chrA3.148066G | A | 0.1276 | 3990 |
| 3 chrA3.148096A | G | 0.06328 | 3998 |
| 3 chrA3.148163G | A | 0.1801 | 3998 |
| 3 chrA3.148253A | G | 0.05998 | 3918 |
| 3 chrA3.148281A | G | 0.2276 | 4002 |
| 3 chrA3.148356G | A | 0.4348 | 3898 |
| 3 chrA3.148413A | G | 0.2143 | 4004 |
| 3 chrA3.148450G | A | 0.3853 | 4002 |
| 3 chrA3.148475A | G | 0.1601 | 3998 |
| 3 chrA3.148495G | A | 0.4798 | 4000 |
| 3 chrA3.148531A | G | 0.1338 | 3998 |
| 3 chrA3.148564A | C | 0.01073 | 4008 |
| 3 chrA3.148598A | G | 0.176 | 4006 |
| 3 chrA3.148667A | G | 0.4859 | 3984 |
| 3 chrA3.148671G | A | 0.3583 | 4008 |
| 3 chrA3.148712G | A | 0.1335 | 3994 |
| 3 chrA3.148784A | G | 0.2941 | 4006 |
| 3 chrA3.148821G | A | 0.3588 | 3880 |
| 3 chrA3.148844G | A | 0.07207 | 3996 |
| 3 chrA3.148872C | A | 0.2149 | 3984 |
| 3 chrA3.148896A | G | 0.3142 | 4004 |
| 3 chrA3.148951G | A | 0.4167 | 4000 |
| 3 chrA3.148991A | G | 0.4068 | 3982 |
| 3 chrA3.149061A | G | 0.1311 | 3996 |
| 3 chrA3.149073 | 0 A | 0 | 4010 |
| 3 chrA3.149090A | G | 0.379 | 4000 |
| 3 chrA3.149131A | G | 0.04795 | 4004 |
| 3 chrA3.149162C | A | 0.136 | 3992 |
| 3 chrA3.149208G | A | 0.4787 | 3994 |
| 3 chrA3.149242C | A | 0.4143 | 4000 |
| 3 chrA3.149321A | G | 0.3523 | 4002 |
| 3 chrA3.149358A | G | 0.3532 | 3998 |
| 3 chrA3.149385G | A | 0.3999 | 3938 |
| 3 chrA3.149464G | A | 0.1471 | 3996 |
| 3 chrA3.149485A | G | 0.3394 | 3998 |
| 3 chrA3.149528A | G | 0.262 | 4000 |
| 3 chrA3.149625A | G | 0.1378 | 3976 |

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| 3 chrA3.149675G | A | 0.3771 | 3970 |
| 3 chrA3.149716C | A | 0.1319 | 4004 |
| 3 chrA3.149740G | A | 0.3899 | 4004 |
| 3 chrA3.149768A | G | 0.3156 | 3976 |
| 3 chrA3.149805A | G | 0.4925 | 3998 |
| 3 chrA3.149870G | A | 0.147 | 3986 |
| 3 chrA3.149905A | G | 0.233 | 3862 |
| 3 chrA3.149995A | G | 0.1149 | 3900 |
| 3 chrA3.150040G | A | 0.2924 | 3936 |
| 3 chrA3.150148A | C | 0.3885 | 3992 |
| 3 chrA3.150188G | A | 0.2308 | 4000 |
| 3 chrA3.150212A | G | 0.06695 | 3988 |
| 3 chrA3.150260A | G | 0.06912 | 3776 |
| 3 chrA3.150294A | G | 0.436 | 3998 |
| 3 chrA3.150345A | G | 0.2714 | 4002 |
| 3 chrA3.150371G | A | 0.1023 | 4008 |
| 3 chrA3.150465A | G | 0.345 | 3812 |
| 3 chrA3.150501G | A | 0.156 | 4000 |
| 3 chrA3.150569A | G | 0.06028 | 3998 |
| 3 chrA3.150600A | G | 0.3194 | 3998 |
| 3 chrA3.150627A | G | 0.1723 | 4004 |
| 3 chrA3.150658G | A | 0.4074 | 3996 |
| 3 chrA3.150696A | C | 0.06988 | 3978 |
| 3 chrA3.150811G | A | 0.3939 | 4004 |
| 3 chrA3.150835G | A | 0.38 | 3992 |
| 3 chrA3.150894A | G | 0.08937 | 3838 |
| 3 chrA3.150992G | A | 0.3768 | 3992 |
| 3 chrA3.151017A | G | 0.1662 | 3990 |
| 3 chrA3.151059A | G | 0.2292 | 3888 |
| 3 chrA3.151128A | G | 0.4061 | 3834 |
| 3 chrA3.151178A | G | 0.06947 | 4002 |
| 3 chrA3.151205G | A | 0.372 | 3642 |
| 3 chrA3.151262A | G | 0.07588 | 3980 |
| 3 chrA3.151295C | A | 0.3142 | 3978 |
| 3 chrA3.151330A | G | 0.3499 | 3998 |
| 3 chrA3.151374A | G | 0.09086 | 4006 |
| 3 chrA3.151429G | A | 0.4848 | 4006 |
| 3 chrA3.151490C | A | 0.3179 | 3998 |
| 3 chrA3.151505 | 0 A | 0 | 4008 |
| 3 chrA3.151526G | A | 0.08492 | 4004 |
| 3 chrA3.151558A | G | 0.1708 | 4000 |

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| 3 chrA3.151602 | A | G | 0.1205 | 4000 |
| 3 chrA3.151649 | A | G | 0.0883 | 3828 |
| 3 chrA3.151672 | G | A | 0.4848 | 3952 |
| 3 chrA3.151702 | G | A | 0.317 | 3990 |
| 3 chrA3.151735 | A | G | 0.2492 | 4000 |
| 3 chrA3.151762 | A | G | 0.1334 | 3846 |
| 3 chrA3.151787 | G | A | 0.07781 | 3984 |
| 3 chrA3.151826 | A | G | 0.1106 | 3996 |
| 3 chrA3.151875 | C | A | 0.002788 | 3946 |
| 3 chrA3.151925 | A | G | 0.1484 | 3916 |
| 3 chrA3.152006 | A | G | 0.4992 | 3892 |
| 3 chrA3.152070 | A | G | 0.1899 | 3966 |
| 3 chrA3.152104 | G | A | 0.4025 | 4002 |
| 3 chrA3.152165 | G | A | 0.1199 | 3778 |
| 3 chrA3.152189 | A | G | 0.2523 | 3868 |
| 3 chrA3.152232 | A | G | 0.2667 | 4004 |
| 3 chrA3.152282 | G | A | 0.2978 | 3992 |
| 3 chrA3.152351 | A | C | 0.1051 | 3920 |
| 3 chrA3.152385 | A | G | 0.1409 | 4002 |
| 3 chrA3.152415 | A | G | 0.08543 | 3968 |
| 3 chrA3.152440 | A | G | 0.14 | 3986 |
| 3 chrA3.152469 | C | A | 0.1909 | 3982 |
| 3 chrA3.152499 | A | G | 0.3851 | 3996 |
| 3 chrA3.152557 | G | A | 0.4123 | 3832 |
| 3 chrA3.152647 | A | G | 0.0581 | 4010 |
| 3 chrA3.152684 | A | G | 0.08329 | 4010 |
| 3 chrA3.152755 | A | C | 0.09406 | 4008 |
| 3 chrA3.152810 | A | C | 0.3478 | 4002 |
| 3 chrA3.152869 | G | A | 0.1899 | 4008 |
| 3 chrA3.152942 | A | G | 0.306 | 4000 |
| 3 chrA3.152969 | G | A | 0.2349 | 4002 |
| 3 chrA3.153006 | G | A | 0.1614 | 3978 |
| 3 chrA3.153036 | G | A | 0.4447 | 4000 |
| 3 chrA3.153089 | G | A | 0.1348 | 4000 |
| 3 chrA3.153119 | A | G | 0.1073 | 4008 |
| 3 chrA3.153165 | C | A | 0.3949 | 3996 |
| 3 chrA3.153197 | A | G | 0.04697 | 3960 |
| 3 chrA3.153234 | C | A | 0.1082 | 4002 |
| 3 chrA3.153240 | G | A | 0.05525 | 4000 |
| 3 chrA3.153274 | G | A | 0.2796 | 3988 |
| 3 chrA3.153302 | A | C | 0.4535 | 3976 |

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|----------------|---|-----|----------|------|
| 3 chrA3.153342 | A | G | 0.488 | 3924 |
| 3 chrA3.153368 | A | G | 0.283 | 4004 |
| 3 chrA3.153425 | A | G | 0.2039 | 3992 |
| 3 chrA3.153449 | A | G | 0.4666 | 3984 |
| 3 chrA3.153512 | C | A | 0.1799 | 3980 |
| 3 chrA3.153566 | A | G | 0.4594 | 3994 |
| 3 chrA3.153599 | G | A | 0.4402 | 3764 |
| 3 chrA3.153646 | A | G | 0.2949 | 3930 |
| 3 chrA3.153750 | A | G | 0.1201 | 3956 |
| 3 chrA3.153780 | A | G | 0.0922 | 3796 |
| 3 chrA3.153814 | A | G | 0.07136 | 4008 |
| 3 chrA3.153984 | A | G | 0.4515 | 3996 |
| 3 chrA3.154037 | A | C | 0.3432 | 4004 |
| 3 chrA3.154066 | A | G | 0.4037 | 3998 |
| 3 chrA3.154092 | A | G | 0.02668 | 4010 |
| 3 chrA1.956748 | G | A | 0.4753 | 4004 |
| 3 chrA3.154178 | G | A | 0.321 | 4000 |
| 3 chrA3.154219 | A | G | 0.07239 | 3992 |
| 3 chrA3.154220 | G | A | 0.005495 | 4004 |
| 3 chrA3.154274 | G | A | 0.0986 | 3986 |
| 3 chrA3.154310 | A | G | 0.05302 | 3980 |
| 3 chrA3.154350 | A | G | 0.3952 | 3806 |
| 3 chrA3.154379 | G | A | 0.2995 | 3990 |
| 3 chrA3.154437 | G | A | 0.3047 | 4004 |
| 3 chrA3.154476 | C | A | 0.1149 | 4004 |
| 3 chrA3.154553 | A | G | 0.08941 | 4004 |
| 3 chrA3.154657 | A | G | 0.3296 | 3978 |
| 3 chrA3.154703 | A | G | 0.4013 | 4004 |
| 3 chrA3.154726 | G | A | 0.3001 | 3996 |
| 3 chrA3.154760 | G | A | 0.1145 | 3984 |
| 3 chrA3.154787 | A | G | 0.007025 | 3986 |
| 3 chrA3.154818 | A | G | 0.05725 | 4000 |
| 3 chrA3.154854 | G | A | 0.4997 | 3982 |
| 3 chrA3.154856 | | 0 G | 0 | 4002 |
| 3 chrA3.154917 | G | A | 0.03669 | 4006 |
| 3 chrA3.154946 | C | A | 0.1187 | 3934 |
| 3 chrA3.155028 | C | A | 0.02837 | 3912 |
| 3 chrA3.155073 | G | A | 0.1316 | 3988 |
| 3 chrA3.155108 | G | A | 0.4616 | 3980 |
| 3 chrA3.155173 | A | G | 0.02594 | 4010 |
| 3 chrA3.155291 | A | G | 0.03967 | 4008 |

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| 3 chrA3.155345C | A | 0.08267 | 3992 |
| 3 chrA3.155478A | G | 0.2053 | 4000 |
| 3 chrA3.155425A | G | 0.005258 | 3994 |
| 3 chrA3.155398G | A | 0.3741 | 3996 |
| 3 chrA3.155374A | G | 0.085 | 4000 |
| 3 chrUn17.1245A | G | 0.2525 | 3976 |
| 3 chrUn17.1155C | A | 0.3411 | 3926 |
| 3 chrUn17.1136C | A | 0.163 | 3970 |
| 3 chrUn17.1096A | C | 0.484 | 4010 |
| 3 chrUn17.1055A | G | 0.4417 | 3892 |
| 3 chrUn17.9905A | G | 0.2004 | 3888 |
| 3 chrUn17.8784G | A | 0.07712 | 3994 |
| 3 chrUn17.6475C | A | 0.05712 | 3974 |
| 3 chrUn17.5856G | A | 0.4825 | 4006 |
| 3 chrUn17.4794G | A | 0.404 | 4002 |
| 3 chrUn17.5035G | A | 0.147 | 3972 |
| 3 chrUn17.4298G | A | 0.3366 | 4008 |
| 3 chrUn17.3945G | A | 0.1914 | 4002 |
| 3 chrUn17.3145A | G | 0.1917 | 4006 |
| 3 chrUn17.2635A | G | 0.09117 | 3828 |
| 3 chrUn17.2386A | G | 0.1087 | 4002 |
| 3 chrUn17.2004 | 0 G | 0 | 4010 |
| 3 chrUn17.1635A | G | 0.1405 | 4006 |
| 3 chrUn17.1155A | C | 0.1861 | 3954 |
| 3 chrUn17.7285A | C | 0.2139 | 3956 |
| 4 chrUn.121445A | G | 0.0002496 | 4006 |
| 4 chrUn.121444A | G | 0.1655 | 3982 |
| 4 chrUn.496215G | A | 0.1902 | 3960 |
| 4 chrUn.155415G | A | 0.04641 | 3986 |
| 4 chrE3.428276A | G | 0.1771 | 3784 |
| 4 chrUn25.1775A | G | 0.365 | 3984 |
| 4 chrUn25.1835G | A | 0.1787 | 4002 |
| 4 chrUn25.1875A | C | 0.2555 | 3988 |
| 4 chrC1.233176A | G | 0.1834 | 4008 |
| 4 chrC1.233206A | G | 0.3761 | 4004 |
| 4 chrC1.233321G | A | 0.2143 | 3934 |
| 4 chrC1.233395A | G | 0.4371 | 3944 |
| 4 chrC1.233475A | G | 0.1825 | 3990 |
| 4 chrC1.233635A | G | 0.1384 | 3938 |
| 4 chrC1.233745A | G | 0.1471 | 3996 |
| 4 chrC1.233946A | G | 0.1303 | 3844 |

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| 4 chrC1.234002G | A | 0.4168 | 4002 |
| 4 chrC1.234273A | G | 0.02846 | 4006 |
| 4 chrC1.234299G | A | 0.4838 | 3962 |
| 4 chrC1.234331G | A | 0.2731 | 3958 |
| 4 chrC1.234453C | A | 0.01248 | 4008 |
| 4 chrC1.234488A | G | 0.1404 | 3868 |
| 4 chrC1.234582G | A | 0.4285 | 4002 |
| 4 chrC1.234650A | C | 0.2196 | 4002 |
| 4 chrC1.234720C | A | 0.06166 | 4006 |
| 4 chrC1.234814G | A | 0.4521 | 3984 |
| 4 chrC1.234941G | A | 0.2194 | 3920 |
| 4 chrC1.235038A | G | 0.2635 | 3996 |
| 4 chrC1.235117A | G | 0.2526 | 3892 |
| 4 chrC1.235179A | G | 0.4169 | 3778 |
| 4 chrC1.235366A | G | 0.3177 | 3950 |
| 4 chrUn37.7468A | G | 0.1626 | 3978 |
| 4 chrUn37.7770A | C | 0.1422 | 3784 |
| 4 chrUn37.8520A | G | 0.4647 | 3998 |
| 4 chrUn37.9120A | G | 0.3502 | 3998 |
| 4 chrUn37.9769G | A | 0.4784 | 3930 |
| 4 chrUn.748638A | G | 0.4178 | 3952 |
| 4 chrUn.555463A | G | 0.02672 | 4004 |
| 4 chrA2.149818A | G | 0.1224 | 4010 |
| 4 chrA1.248788A | G | 0.1434 | 3990 |
| 4 chrUn.511410G | A | 0.3424 | 3998 |
| 4 chrUn.312960C | A | 0.1533 | 4006 |
| 4 chrUn9.96550G | A | 0.4511 | 3600 |
| 4 chrUn.507689G | A | 0.06665 | 4006 |
| 4 chrUn16.1230G | A | 0.143 | 3852 |
| 4 chrUn16.1230A | G | 0.2073 | 3994 |
| 4 chrUn16.1230A | C | 0.074 | 4000 |
| 4 chrUn.785420C | A | 0.472 | 3854 |
| 4 chrUn.104089G | A | 0.09805 | 4008 |
| 4 chrB1.153164A | G | 0.1937 | 4006 |
| 4 chrB1.154028A | G | 0.09287 | 3984 |
| 4 chrB1.154280A | G | 0.03072 | 4004 |
| 4 chrB1.154675G | A | 0.4568 | 4002 |
| 4 chrB1.155759G | A | 0.2658 | 3988 |
| 4 chrB1.156780G | A | 0.4559 | 3992 |
| 4 chrB1.157201C | A | 0.2263 | 4004 |
| 4 chrB1.157707A | G | 0.1523 | 4006 |

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| 4 chrB1.158259A | G | 0.03815 | 3984 |
| 4 chrB1.158802A | G | 0.07946 | 4002 |
| 4 chrB1.158896A | G | 0.08426 | 3952 |
| 4 chrB1.159059A | G | 0.4655 | 4004 |
| 4 chrB1.159647A | C | 0.4205 | 3998 |
| 4 chrB1.159901G | A | 0.3759 | 3990 |
| 4 chrB1.160169G | A | 0.03568 | 3924 |
| 4 chrB1.160520A | G | 0.2733 | 3992 |
| 4 chrB1.160861A | G | 0.1054 | 4004 |
| 4 chrB1.161163A | C | 0.1891 | 3976 |
| 4 chrB1.161443A | G | 0.02709 | 3986 |
| 4 chrB1.161912A | G | 0.28 | 4000 |
| 4 chrB1.162475A | G | 0.1051 | 3988 |
| 4 chrB1.162753A | G | 0.2605 | 3824 |
| 4 chrB1.163745C | A | 0.2522 | 4000 |
| 4 chrB1.164466G | A | 0.1981 | 3998 |
| 4 chrB1.164610A | C | 0.02775 | 4000 |
| 4 chrB1.165112A | G | 0.2654 | 4006 |
| 4 chrB1.165395A | G | 0.4837 | 3984 |
| 4 chrB1.165834G | A | 0.05633 | 3994 |
| 4 chrB1.166500G | A | 0.4915 | 4000 |
| 4 chrB1.166838A | G | 0.1847 | 3996 |
| 4 chrB1.167652A | C | 0.01626 | 3998 |
| 4 chrB1.167968G | A | 0.4371 | 3956 |
| 4 chrB1.168343G | A | 0.0539 | 3952 |
| 4 chrB1.168902G | A | 0.4284 | 3992 |
| 4 chrB1.169249G | A | 0.2805 | 4004 |
| 4 chrB1.169703A | G | 0.1936 | 3988 |
| 4 chrB1.169996G | A | 0.04308 | 3946 |
| 4 chrB1.170127G | A | 0.02207 | 3896 |
| 4 chrB1.170152G | A | 0.233 | 3982 |
| 4 chrB1.170509A | G | 0.1709 | 4008 |
| 4 chrB1.171134A | G | 0.3968 | 4000 |
| 4 chrB1.171419G | A | 0.08204 | 3998 |
| 4 chrB1.172215A | G | 0.1335 | 4006 |
| 4 chrB1.172580C | A | 0.1249 | 4002 |
| 4 chrB1.173230G | A | 0.0524 | 4008 |
| 4 chrB1.173506G | A | 0.3462 | 3992 |
| 4 chrB1.173886A | C | 0.1455 | 3992 |
| 4 chrB1.174162A | C | 0.07261 | 3980 |
| 4 chrB1.174717G | A | 0.1277 | 4008 |

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| 4 chrUn.20670 | C | A | 0.08446 | 4002 |
| 4 chrB1.17514 | 9A | C | 0.4664 | 3992 |
| 4 chrB1.17621 | 7A | G | 0.2739 | 3834 |
| 4 chrB1.17655 | CA | G | 0.2822 | 3986 |
| 4 chrB1.17682 | 6A | G | 0.07132 | 4010 |
| 4 chrE2.26563 | 1G | A | 0.103 | 4010 |
| 4 chrB1.17726 | 2G | A | 0.1989 | 3962 |
| 4 chrB1.17760 | 5G | A | 0.2706 | 3998 |
| 4 chrUn.70833 | 9A | G | 0.3699 | 3982 |
| 4 chrB1.17809 | CA | C | 0.4282 | 3998 |
| 4 chrB1.17902 | 8A | C | 0.2648 | 3984 |
| 4 chrB1.17966 | 5C | A | 0.4469 | 3974 |
| 4 chrB1.17971 | 9A | G | 0.03314 | 3712 |
| 4 chrB1.18072 | 6G | A | 0.04346 | 4004 |
| 4 chrB1.18267 | 6C | A | 0.2226 | 3922 |
| 4 chrB1.18356 | 7A | G | 0.374 | 3992 |
| 4 chrB1.18418 | 2A | G | 0.4965 | 3986 |
| 4 chrB1.18456 | 7A | G | 0.07071 | 3988 |
| 4 chrUn.48559 | 3A | G | 0.1174 | 3978 |
| 4 chrB1.18508 | 2A | C | 0.2381 | 3754 |
| 4 chrB1.18532 | 6A | G | 0.06394 | 4004 |
| 4 chrB1.18567 | 6C | A | 0.3053 | 3990 |
| 4 chrB1.18622 | 7A | G | 0.3261 | 3962 |
| 4 chrB1.18675 | 8A | G | 0.3252 | 3994 |
| 4 chrB1.18701 | CA | A | 0.1809 | 4002 |
| 4 chrB1.18759 | 2A | G | 0.02944 | 4008 |
| 4 chrB1.18803 | 9G | A | 0.1332 | 4008 |
| 4 chrB1.18842 | 2A | C | 0.1026 | 4006 |
| 4 chrB1.18878 | 9G | A | 0.07585 | 4008 |
| 4 chrB1.18934 | 2A | G | 0.2982 | 4004 |
| 4 chrB1.19005 | 2A | G | 0.2624 | 3998 |
| 4 chrB1.19033 | 9G | A | 0.4516 | 4006 |
| 4 chrB1.19059 | 9G | A | 0.3319 | 4004 |
| 4 chrB1.19147 | 7A | G | 0.3865 | 3982 |
| 4 chrB1.19182 | 8C | A | 0.3648 | 3980 |
| 4 chrB1.19214 | CA | G | 0.1358 | 3998 |
| 4 chrB1.19246 | 3A | G | 0.2317 | 3984 |
| 4 chrB1.19248 | 8A | G | 0.448 | 4002 |
| 4 chrB1.19298 | 7G | A | 0.07514 | 4006 |
| 4 chrB1.19317 | 2A | G | 0.1415 | 3866 |
| 4 chrB1.19325 | 6G | A | 0.0281 | 3986 |

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| 4 chrB1.193501A | G | 0.3957 | 3968 |
| 4 chrB1.193775A | G | 0.05389 | 3860 |
| 4 chrB1.194260C | A | 0.141 | 3994 |
| 4 chrB1.194535A | G | 0.4357 | 3750 |
| 4 chrB1.194935A | G | 0.06961 | 4008 |
| 4 chrB1.195216G | A | 0.4838 | 4004 |
| 4 chrB1.195645A | C | 0.2937 | 3916 |
| 4 chrB1.196229G | A | 0.08167 | 4004 |
| 4 chrB1.196490A | G | 0.004293 | 3960 |
| 4 chrB1.197184A | G | 0.1244 | 4004 |
| 4 chrB1.197638G | A | 0.2027 | 3996 |
| 4 chrB1.198176G | A | 0.2274 | 3988 |
| 4 chrB1.198442G | A | 0.04695 | 4004 |
| 4 chrB1.199146A | G | 0.04743 | 4006 |
| 4 chrB1.199855A | C | 0.395 | 3962 |
| 4 chrB1.200256G | A | 0.2099 | 3998 |
| 4 chrB1.200702A | G | 0.01704 | 3932 |
| 4 chrB1.201018G | A | 0.2963 | 3996 |
| 4 chrB1.201582C | A | 0.4962 | 3956 |
| 4 chrB1.201899A | G | 0.08384 | 3960 |
| 4 chrB1.202234G | A | 0.1866 | 4004 |
| 4 chrB1.202716G | A | 0.1713 | 3986 |
| 4 chrB1.203015G | A | 0.2532 | 4000 |
| 4 chrB1.203372A | G | 0.3237 | 3964 |
| 4 chrB1.203942A | G | 0.04618 | 4006 |
| 4 chrB1.204201G | A | 0.08266 | 3968 |
| 4 chrB1.204581A | G | 0.205 | 3996 |
| 4 chrB1.205014A | C | 0.3314 | 3980 |
| 4 chrB1.205416A | G | 0.09833 | 3956 |
| 4 chrB1.205801A | G | 0.4132 | 3882 |
| 4 chrB1.206118A | C | 0.3322 | 3976 |
| 4 chrUn.472021A | C | 0.413 | 4002 |
| 4 chrB1.207009C | A | 0.4822 | 3992 |
| 4 chrB1.207710G | A | 0.1377 | 3972 |
| 4 chrB1.207895A | G | 0.4504 | 3988 |
| 4 chrB1.208156C | A | 0.3225 | 3994 |
| 4 chrD1.206316A | G | 0.2954 | 3994 |
| 4 chrB1.208415A | G | 0.09109 | 3996 |
| 4 chrB1.208936G | A | 0.07086 | 4008 |
| 4 chrB1.209569A | C | 0.4162 | 3984 |
| 4 chrB1.210037A | C | 0.3617 | 3998 |

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| 4 chrB1.210521G | A | 0.4842 | 3992 |
| 4 chrB1.210849A | G | 0.4633 | 4008 |
| 4 chrUn.59360G | A | 0.4067 | 3998 |
| 4 chrB1.211414G | A | 0.2378 | 3962 |
| 4 chrB1.211876A | G | 0.06846 | 3988 |
| 4 chrB1.212332A | G | 0.2194 | 4002 |
| 4 chrB1.213144A | C | 0.325 | 3994 |
| 4 chrB1.214181A | G | 0.1158 | 4008 |
| 4 chrB1.214795A | G | 0.1272 | 4008 |
| 4 chrB1.215134A | G | 0.2774 | 4002 |
| 4 chrB1.215663G | A | 0.2324 | 4002 |
| 4 chrB1.216880A | G | 0.1732 | 4008 |
| 4 chrB1.217332A | C | 0.1531 | 3992 |
| 4 chrB1.217517A | G | 0.1158 | 3990 |
| 4 chrB1.218605A | G | 0.1252 | 3994 |
| 4 chrB1.219216A | G | 0.3136 | 3836 |
| 4 chrB1.219504G | A | 0.4423 | 4004 |
| 4 chrB1.220062A | G | 0.2266 | 3994 |
| 4 chrB1.221356A | C | 0.4322 | 3996 |
| 4 chrUn.29905G | A | 0.05813 | 4008 |
| 4 chrB1.221845A | C | 0.2192 | 4000 |
| 4 chrB1.222163A | G | 0.4806 | 3968 |
| 4 chrB1.222721A | C | 0.1706 | 3998 |
| 4 chrB1.223122G | A | 0.2052 | 3996 |
| 4 chrB1.223398A | G | 0.02345 | 4008 |
| 4 chrB1.223793A | G | 0.04575 | 4000 |
| 4 chrB1.224109G | A | 0.1974 | 4008 |
| 4 chrB1.224188G | A | 0.03867 | 3982 |
| 4 chrB1.224586C | A | 0.4372 | 3998 |
| 4 chrB1.225542C | A | 0.1568 | 4004 |
| 4 chrB1.226030A | G | 0.1218 | 3998 |
| 4 chrB1.226473G | A | 0.04695 | 4004 |
| 4 chrB1.227337A | G | 0.02668 | 4010 |
| 4 chrB1.227490A | G | 0.3659 | 3990 |
| 4 chrB2.443360C | A | 0.09785 | 4006 |
| 4 chrB1.227911G | A | 0.348 | 3988 |
| 4 chrB1.228216A | G | 0.06027 | 3982 |
| 4 chrB1.228714G | A | 0.4891 | 3848 |
| 4 chrB1.229033A | G | 0.4311 | 4008 |
| 4 chrB1.229359A | G | 0.1252 | 4008 |
| 4 chrB1.229792A | G | 0.2509 | 4002 |

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| 4 chrB1.230050A | G | 0.1543 | 3998 |
| 4 chrB1.230600G | A | 0.2629 | 4002 |
| 4 chrB1.231110A | G | 0.1428 | 3978 |
| 4 chrB1.231550G | A | 0.1092 | 3994 |
| 4 chrB1.232060A | G | 0.2514 | 3990 |
| 4 chrB1.233110G | A | 0.3191 | 3996 |
| 4 chrB1.233420A | G | 0.4729 | 3946 |
| 4 chrB1.233970G | A | 0.3563 | 3618 |
| 4 chrB1.234430A | G | 0.08292 | 4004 |
| 4 chrB1.235340C | A | 0.1986 | 3988 |
| 4 chrB1.235640A | G | 0.07357 | 4010 |
| 4 chrB1.236510G | A | 0.1172 | 4000 |
| 4 chrB1.236820C | A | 0.2967 | 3980 |
| 4 chrB1.237120C | A | 0.352 | 3974 |
| 4 chrB1.237330A | G | 0.3901 | 3996 |
| 4 chrB1.237900A | G | 0.4736 | 3938 |
| 4 chrB1.238150A | G | 0.1627 | 4000 |
| 4 chrB1.238510G | A | 0.4978 | 4002 |
| 4 chrB1.239050A | G | 0.3889 | 3962 |
| 4 chrB1.239560A | G | 0.2764 | 3994 |
| 4 chrB1.240350A | G | 0.07104 | 3998 |
| 4 chrB1.240600G | A | 0.3006 | 3936 |
| 4 chrB1.240990G | A | 0.3674 | 3982 |
| 4 chrB1.241320G | A | 0.4757 | 3988 |
| 4 chrB1.241750A | G | 0.3241 | 3986 |
| 4 chrB1.242600G | A | 0.1935 | 4000 |
| 4 chrB1.243230G | A | 0.3962 | 3990 |
| 4 chrB1.243990G | A | 0.1126 | 4004 |
| 4 chrB1.244530G | A | 0.3397 | 4004 |
| 4 chrB1.244830A | C | 0.05258 | 3994 |
| 4 chrB1.245220G | A | 0.2112 | 3948 |
| 4 chrB1.245530A | G | 0.141 | 3900 |
| 4 chrB1.245770A | G | 0.06465 | 4006 |
| 4 chrB1.246620C | A | 0.1382 | 4000 |
| 4 chrB1.246970A | G | 0.1583 | 3998 |
| 4 chrB1.247370G | A | 0.1036 | 3976 |
| 4 chrB1.247650A | G | 0.1655 | 4006 |
| 4 chrB1.248070A | G | 0.0348 | 3994 |
| 4 chrB1.248390G | A | 0.2379 | 3998 |
| 4 chrB1.248750C | A | 0.3057 | 3958 |
| 4 chrB1.249330G | A | 0.2496 | 4006 |

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| 4 chrB1.250009G | A | 0.1842 | 3984 |
| 4 chrB1.250317A | C | 0.3032 | 3998 |
| 4 chrB1.251431G | A | 0.3708 | 4002 |
| 4 chrB1.251973A | G | 0.07364 | 4006 |
| 4 chrB1.252543A | G | 0.4448 | 3950 |
| 4 chrB1.252846A | G | 0.3785 | 3982 |
| 4 chrB1.253672A | G | 0.2187 | 4006 |
| 4 chrB1.254205G | A | 0.267 | 4008 |
| 4 chrUn.185411A | G | 0.4154 | 3960 |
| 4 chrB1.254572A | G | 0.1627 | 4002 |
| 4 chrB1.254973A | G | 0.1006 | 4004 |
| 4 chrB1.255903G | A | 0.06178 | 3998 |
| 4 chrB1.256205A | G | 0.08675 | 4000 |
| 4 chrB1.256457G | A | 0.03518 | 4008 |
| 4 chrB1.257228C | A | 0.1643 | 3980 |
| 4 chrUn.125851A | G | 0.323 | 3960 |
| 4 chrB1.257603A | G | 0.07351 | 3986 |
| 4 chrB1.257877G | A | 0.2393 | 3982 |
| 4 chrB1.258350A | G | 0.001747 | 4008 |
| 4 chrB1.258656A | G | 0.22 | 4004 |
| 4 chrB1.259084G | A | 0.4653 | 4000 |
| 4 chrB1.260296G | A | 0.24 | 3996 |
| 4 chrB1.260739G | A | 0.41 | 3988 |
| 4 chrB1.261101G | A | 0.2582 | 3892 |
| 4 chrB1.261384A | G | 0.3466 | 3982 |
| 4 chrB1.261701G | A | 0.1606 | 3980 |
| 4 chrB1.262290A | C | 0.01238 | 3878 |
| 4 chrB1.262813C | A | 0.02994 | 4008 |
| 4 chrB1.263337G | A | 0.09397 | 3980 |
| 4 chrB1.263382A | G | 0.1259 | 4002 |
| 4 chrB1.263720G | A | 0.3505 | 3994 |
| 4 chrB1.264029A | G | 0.1398 | 3984 |
| 4 chrUn.631381C | A | 0.3506 | 3956 |
| 4 chrB1.264293A | G | 0.1558 | 4006 |
| 4 chrB1.264601C | A | 0.1445 | 3814 |
| 4 chrB1.265323A | G | 0.3484 | 3884 |
| 4 chrB1.265849A | G | 0.1141 | 3996 |
| 4 chrB1.266580A | C | 0.4152 | 3984 |
| 4 chrB1.267049C | A | 0.04741 | 4008 |
| 4 chrB1.267317A | G | 0.4146 | 4004 |
| 4 chrB1.267751A | G | 0.4544 | 3992 |

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| 4 chrB1.268128G | A | 0.0981 | 4006 |
| 4 chrB1.268528A | G | 0.149 | 3792 |
| 4 chrB1.269318A | G | 0.1776 | 3998 |
| 4 chrB1.269778A | G | 0.05739 | 4008 |
| 4 chrUn.73152(A | C | 0.2249 | 3962 |
| 4 chrB1.271238A | G | 0.1941 | 3998 |
| 4 chrB1.271548A | G | 0.232 | 4000 |
| 4 chrB1.272027C | A | 0.2299 | 3976 |
| 4 chrB1.272574A | G | 0.4733 | 4004 |
| 4 chrB1.272868G | A | 0.2005 | 3990 |
| 4 chrUn.658224A | G | 0.2295 | 3996 |
| 4 chrUn.638467G | A | 0.3759 | 3998 |
| 4 chrB1.273878A | G | 0.3411 | 3926 |
| 4 chrB1.274518G | A | 0.365 | 4006 |
| 4 chrB1.274768G | A | 0.07959 | 3744 |
| 4 chrB1.275418G | A | 0.3582 | 3962 |
| 4 chrB1.275982A | G | 0.4825 | 3990 |
| 4 chrB1.276418A | C | 0.214 | 3954 |
| 4 chrB1.276588G | A | 0.02369 | 4010 |
| 4 chrB1.277598G | A | 0.4211 | 3994 |
| 4 chrB1.277961G | A | 0.3992 | 4000 |
| 4 chrB1.278358A | C | 0.1395 | 3936 |
| 4 chrB1.279158A | G | 0.3536 | 3988 |
| 4 chrB1.279558G | A | 0.03447 | 4004 |
| 4 chrB1.279828G | A | 0.184 | 4006 |
| 4 chrB1.280068A | C | 0.05527 | 3836 |
| 4 chrUn.412978A | G | 0.1357 | 3862 |
| 4 chrB1.280658G | A | 0.306 | 3990 |
| 4 chrB1.280904 | 0 G | 0 | 4010 |
| 4 chrB1.280972A | G | 0.04643 | 4006 |
| 4 chrB1.281238A | G | 0.2605 | 4004 |
| 4 chrB1.281681C | A | 0.2047 | 4000 |
| 4 chrB1.282158C | A | 0.07396 | 4002 |
| 4 chrB1.282422A | C | 0.2973 | 3972 |
| 4 chrB1.283282G | A | 0.1655 | 3970 |
| 4 chrB1.283777A | G | 0.2411 | 4002 |
| 4 chrB1.283788A | C | 0.06786 | 4008 |
| 4 chrB1.284038A | G | 0.1958 | 3998 |
| 4 chrB1.284281A | G | 0.286 | 4000 |
| 4 chrB1.285018G | A | 0.4011 | 4006 |
| 4 chrB1.285531A | G | 0.08625 | 4000 |

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| 4 chrB1.285775A | G | 0.409 | 3976 |
| 4 chrB1.286215A | G | 0.2902 | 3928 |
| 4 chrB1.286485A | G | 0.1515 | 3986 |
| 4 chrB1.286964G | A | 0.1453 | 3992 |
| 4 chrB1.287395A | G | 0.2825 | 3990 |
| 4 chrB1.287721G | A | 0.3293 | 3896 |
| 4 chrB1.288456A | G | 0.08296 | 4002 |
| 4 chrB1.288601A | C | 0.1115 | 4000 |
| 4 chrB1.289088G | A | 0.2621 | 3994 |
| 4 chrB1.289344A | G | 0.124 | 3814 |
| 4 chrB1.289676G | A | 0.4018 | 4002 |
| 4 chrB1.290158G | A | 0.3474 | 3992 |
| 4 chrB1.290595G | A | 0.4167 | 3996 |
| 4 chrB1.290834A | G | 0.3149 | 4004 |
| 4 chrB1.291355G | A | 0.232 | 3978 |
| 4 chrB1.291778A | G | 0.06147 | 4002 |
| 4 chrB1.292495G | A | 0.2388 | 4004 |
| 4 chrB1.292755A | G | 0.2505 | 3996 |
| 4 chrB1.293290G | A | 0.3521 | 4002 |
| 4 chrB1.293925G | A | 0.2082 | 3996 |
| 4 chrB1.294798G | A | 0.2143 | 4004 |
| 4 chrB1.295574A | G | 0.09759 | 3822 |
| 4 chrB1.295855A | G | 0.05244 | 3776 |
| 4 chrB1.296134A | G | 0.4539 | 3924 |
| 4 chrB1.296885G | A | 0.1884 | 4008 |
| 4 chrB1.297897G | A | 0.2214 | 4002 |
| 4 chrB1.298764G | A | 0.1255 | 4000 |
| 4 chrB1.299235G | A | 0.1023 | 3928 |
| 4 chrB1.301587A | C | 0.4264 | 3694 |
| 4 chrB1.302626G | A | 0.3498 | 4002 |
| 4 chrB1.304530G | A | 0.041 | 4000 |
| 4 chrB1.304786A | G | 0.09211 | 3930 |
| 4 chrB1.305085A | G | 0.188 | 3946 |
| 4 chrB1.306290A | C | 0.3696 | 4004 |
| 4 chrB1.306556A | G | 0.02444 | 4010 |
| 4 chrB1.307024C | A | 0.05916 | 4006 |
| 4 chrB1.307568A | G | 0.1171 | 3978 |
| 4 chrB1.307984G | A | 0.002001 | 3998 |
| 4 chrB1.309161A | G | 0.07111 | 3994 |
| 4 chrB1.309426A | G | 0.08013 | 4006 |
| 4 chrB1.310115A | G | 0.1661 | 3950 |

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| 4 chrB1.310783G | A | 0.01318 | 3870 |
| 4 chrB1.311138A | G | 0.391 | 3980 |
| 4 chrB1.3111383G | A | 0.4201 | 3990 |
| 4 chrB1.311648G | A | 0.1699 | 3990 |
| 4 chrB1.312736A | G | 0.1417 | 3952 |
| 4 chrB1.313035G | A | 0.2265 | 4000 |
| 4 chrB1.313848C | A | 0.1101 | 4004 |
| 4 chrB1.314262A | G | 0.4156 | 4004 |
| 4 chrB1.314616A | G | 0.2156 | 3984 |
| 4 chrB1.315096A | G | 0.2931 | 3998 |
| 4 chrB1.315317A | G | 0.4271 | 3994 |
| 4 chrB1.316277C | A | 0.1449 | 3996 |
| 4 chrB1.317091G | A | 0.04223 | 4002 |
| 4 chrB1.317580A | C | 0.1186 | 4004 |
| 4 chrB1.317881 | 0 A | 0 | 4006 |
| 4 chrB1.317984A | G | 0.153 | 4006 |
| 4 chrB1.318613G | A | 0.09995 | 4002 |
| 4 chrB1.319400G | A | 0.1995 | 4000 |
| 4 chrB1.320207G | A | 0.4088 | 4000 |
| 4 chrB1.321003C | A | 0.2082 | 3838 |
| 4 chrB1.321934A | G | 0.2814 | 3998 |
| 4 chrB1.322820A | C | 0.463 | 3996 |
| 4 chrB1.323382G | A | 0.1929 | 4002 |
| 4 chrB1.324157C | A | 0.2153 | 3986 |
| 4 chrB1.324592G | A | 0.2272 | 4006 |
| 4 chrB1.324869G | A | 0.1624 | 4002 |
| 4 chrB1.325046A | G | 0.2394 | 4006 |
| 4 chrB1.325266A | G | 0.3336 | 3990 |
| 4 chrB1.325551A | G | 0.1475 | 4000 |
| 4 chrB1.326159A | C | 0.2203 | 3886 |
| 4 chrB1.327132A | G | 0.1223 | 3942 |
| 4 chrB1.327677A | G | 0.3942 | 3886 |
| 4 chrB1.328075A | G | 0.1395 | 4008 |
| 4 chrB1.328533A | G | 0.2262 | 4006 |
| 4 chrB1.329201G | A | 0.2082 | 3992 |
| 4 chrB1.329690A | G | 0.2885 | 3958 |
| 4 chrB1.330008A | G | 0.4422 | 3960 |
| 4 chrB1.330365A | G | 0.3525 | 3980 |
| 4 chrB1.330886A | G | 0.08824 | 3910 |
| 4 chrB1.331475G | A | 0.1301 | 4004 |
| 4 chrB1.331963A | G | 0.1172 | 4002 |

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| 4 chrB1.332720A | G | 0.2784 | 3994 |
| 4 chrB1.333219G | A | 0.2187 | 4006 |
| 4 chrB1.333917A | C | 0.1549 | 3984 |
| 4 chrB1.334437G | A | 0.3472 | 3940 |
| 4 chrB1.335095A | G | 0.2772 | 4000 |
| 4 chrB1.335454A | G | 0.1322 | 3994 |
| 4 chrB1.335754A | G | 0.2279 | 4006 |
| 4 chrB1.336042G | A | 0.08666 | 4004 |
| 4 chrB1.336412A | G | 0.03994 | 4006 |
| 4 chrB1.336711A | G | 0.223 | 4000 |
| 4 chrB1.336816G | A | 0.04823 | 3794 |
| 4 chrB1.337200A | C | 0.2701 | 3998 |
| 4 chrB1.337619A | G | 0.1327 | 4002 |
| 4 chrB1.337941A | G | 0.213 | 3972 |
| 4 chrB1.338296G | A | 0.1618 | 3930 |
| 4 chrB1.338901A | G | 0.3076 | 3996 |
| 4 chrB1.338903G | A | 0.0004988 | 4010 |
| 4 chrB1.340042A | G | 0.454 | 3976 |
| 4 chrB1.340525A | C | 0.3123 | 3980 |
| 4 chrB1.341023A | G | 0.1833 | 3998 |
| 4 chrB1.341325G | A | 0.258 | 3996 |
| 4 chrB1.342579G | A | 0.2939 | 4008 |
| 4 chrB1.342876A | G | 0.2182 | 4000 |
| 4 chrB1.343116A | G | 0.04471 | 4004 |
| 4 chrB1.343477G | A | 0.1495 | 3980 |
| 4 chrB1.343764A | G | 0.0002494 | 4010 |
| 4 chrB1.343985A | G | 0.299 | 3990 |
| 4 chrB1.344530A | G | 0.1646 | 3992 |
| 4 chrB1.344837A | C | 0.1026 | 4006 |
| 4 chrB1.345262A | G | 0.336 | 3940 |
| 4 chrB1.345867C | A | 0.04511 | 3946 |
| 4 chrB1.346489A | G | 0.3035 | 4000 |
| 4 chrB1.347034G | A | 0.009245 | 4002 |
| 4 chrB1.347466G | A | 0.298 | 4004 |
| 4 chrB1.347865A | G | 0.08026 | 3738 |
| 4 chrB1.348110A | G | 0.1631 | 3966 |
| 4 chrB1.348793A | G | 0.1266 | 4004 |
| 4 chrB1.349755A | G | 0.2272 | 4000 |
| 4 chrB1.349854A | G | 0.1646 | 3998 |
| 4 chrB1.350110A | G | 0.4841 | 3902 |
| 4 chrB1.350371A | G | 0.1217 | 4002 |

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| 4 chrB1.350498G | A | 0.004489 | 4010 |
| 4 chrB1.350829G | A | 0.1257 | 4002 |
| 4 chrB1.351161A | G | 0.2943 | 4000 |
| 4 chrB1.351448G | A | 0.284 | 4004 |
| 4 chrB1.351724G | A | 0.4925 | 3996 |
| 4 chrB1.352278A | G | 0.1155 | 3654 |
| 4 chrB1.352586G | A | 0.3903 | 3976 |
| 4 chrB1.353777G | A | 0.283 | 4000 |
| 4 chrB1.354265A | G | 0.3954 | 3692 |
| 4 chrB1.354885A | G | 0.3976 | 4002 |
| 4 chrB1.355274G | A | 0.1767 | 4006 |
| 4 chrB1.355717C | A | 0.04589 | 3944 |
| 4 chrB1.356626G | A | 0.05494 | 3986 |
| 4 chrB1.357488A | G | 0.3201 | 3986 |
| 4 chrB1.357774G | A | 0.4077 | 3956 |
| 4 chrB1.358616A | G | 0.4146 | 3994 |
| 4 chrB1.359635A | G | 0.01278 | 3992 |
| 4 chrB1.361267G | A | 0.0624 | 3846 |
| 4 chrB1.363382A | G | 0.03587 | 3764 |
| 4 chrB1.364387A | G | 0.2439 | 3986 |
| 4 chrB1.364984A | G | 0.3055 | 4000 |
| 4 chrB1.367278A | G | 0.02066 | 3872 |
| 4 chrB1.368346A | G | 0.1599 | 4002 |
| 4 chrB1.296525A | G | 0.4542 | 3996 |
| 4 chrB1.296532A | G | 0.06282 | 3916 |
| 4 chrB1.297374G | A | 0.2476 | 3990 |
| 4 chrB1.297659G | A | 0.3657 | 3878 |
| 4 chrB1.299587A | G | 0.2188 | 4004 |
| 4 chrB1.300133A | G | 0.0005035 | 3972 |
| 4 chrB1.300135A | G | 0.03691 | 4010 |
| 4 chrB1.300777C | A | 0.1294 | 3994 |
| 4 chrB1.301279G | A | 0.4064 | 4006 |
| 4 chrB1.301827A | G | 0.4538 | 3980 |
| 4 chrB1.303001G | A | 0.2991 | 3998 |
| 4 chrUn25.1426A | G | 0.02928 | 3688 |
| 4 chrB1.304198G | A | 0.02469 | 4010 |
| 4 chrUn25.1487G | A | 0.3113 | 4002 |
| 4 chrUn25.1527A | G | 0.1254 | 4004 |
| 4 chrUn25.1597A | G | 0.4264 | 4006 |
| 4 chrB1.391231A | C | 0.1678 | 4004 |
| 4 chrB1.391606G | A | 0.384 | 4000 |

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| 4 chrB1.392465C | A | 0.484 | 4000 |
| 4 chrB1.393448G | A | 0.1013 | 4006 |
| 4 chrB1.393959A | G | 0.2832 | 3930 |
| 4 chrB1.395574A | G | 0.2393 | 3978 |
| 4 chrB1.396146A | G | 0.2377 | 3996 |
| 4 chrB1.396431A | G | 0.4378 | 3986 |
| 4 chrB1.397011C | A | 0.2757 | 4004 |
| 4 chrB1.397462A | C | 0.4446 | 4004 |
| 4 chrB1.397789A | G | 0.3773 | 3984 |
| 4 chrB1.398059A | G | 0.4253 | 3978 |
| 4 chrB1.398254A | G | 0.04319 | 4006 |
| 4 chrB1.398390A | G | 0.2383 | 3944 |
| 4 chrB1.399289A | G | 0.3218 | 3984 |
| 4 chrB1.399619A | C | 0.428 | 3970 |
| 4 chrB1.399966A | G | 0.3373 | 3810 |
| 4 chrB1.400248G | A | 0.3997 | 3998 |
| 4 chrB1.401054G | A | 0.05439 | 4008 |
| 4 chrB1.401612A | G | 0.3463 | 4000 |
| 4 chrB1.401856C | A | 0.1323 | 3990 |
| 4 chrB1.401897 | 0 G | 0 | 4008 |
| 4 chrB1.402690G | A | 0.112 | 4000 |
| 4 chrB1.403809A | G | 0.11 | 4008 |
| 4 chrB1.404179A | G | 0.1283 | 3976 |
| 4 chrB1.404512A | C | 0.05237 | 4010 |
| 4 chrB1.405292G | A | 0.2441 | 3954 |
| 4 chrB1.405760C | A | 0.1669 | 3864 |
| 4 chrB1.406646G | A | 0.02695 | 4008 |
| 4 chrB1.407266A | G | 0.05736 | 3992 |
| 4 chrB1.407853G | A | 0.4522 | 3972 |
| 4 chrB1.408378A | G | 0.1882 | 4006 |
| 4 chrB1.408566A | G | 0.4975 | 4000 |
| 4 chrB1.408809A | G | 0.1771 | 3732 |
| 4 chrB1.409511A | G | 0.3414 | 3990 |
| 4 chrB1.409789C | A | 0.2883 | 3996 |
| 4 chrB1.410027G | A | 0.1211 | 3990 |
| 4 chrB1.410294G | A | 0.1789 | 3936 |
| 4 chrB1.410649G | A | 0.1252 | 4010 |
| 4 chrB1.411020A | C | 0.1772 | 3984 |
| 4 chrB1.411489G | A | 0.1982 | 3840 |
| 4 chrB1.411750A | C | 0.2786 | 3984 |
| 4 chrB1.412611A | G | 0.3838 | 3994 |

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| 4 chrB1.412887A | G | 0.1137 | 4002 |
| 4 chrB1.413211A | G | 0.02401 | 3998 |
| 4 chrB1.413264C | A | 0.1389 | 3988 |
| 4 chrB1.413511G | A | 0.03873 | 3976 |
| 4 chrB1.414023A | G | 0.09854 | 3968 |
| 4 chrB1.414880A | G | 0.08658 | 4008 |
| 4 chrB1.415569G | A | 0.327 | 3982 |
| 4 chrB1.416173A | G | 0.193 | 3938 |
| 4 chrUn.457390A | G | 0.1528 | 3874 |
| 4 chrB1.416616A | G | 0.3497 | 3960 |
| 4 chrB1.417068A | G | 0.1861 | 4008 |
| 4 chrB1.417386G | A | 0.2883 | 3986 |
| 4 chrB1.418048A | G | 0.01741 | 3906 |
| 4 chrB1.419122A | C | 0.3192 | 4004 |
| 4 chrB1.419726A | G | 0.07561 | 3994 |
| 4 chrB1.420433A | G | 0.2853 | 4000 |
| 4 chrB1.420736C | A | 0.4041 | 3972 |
| 4 chrB1.421232A | G | 0.1628 | 4006 |
| 4 chrB1.421644A | G | 0.4683 | 4008 |
| 4 chrB1.422295A | G | 0.08044 | 3916 |
| 4 chrB1.422957G | A | 0.2835 | 4000 |
| 4 chrB1.423231A | G | 0.2885 | 3684 |
| 4 chrB1.423576G | A | 0.1116 | 3998 |
| 4 chrC1.115665C | A | 0.3118 | 4000 |
| 4 chrB1.424287G | A | 0.3045 | 3908 |
| 4 chrC1.115259A | G | 0.03767 | 4008 |
| 4 chrC1.113635C | A | 0.1619 | 4002 |
| 4 chrC1.111865A | G | 0.1546 | 4004 |
| 4 chrC1.111589A | G | 0.3572 | 3998 |
| 4 chrC1.111223A | G | 0.2846 | 3998 |
| 4 chrB1.426692 | 0 C | 0 | 4010 |
| 4 chrB1.426724A | G | 0.02333 | 3986 |
| 4 chrB1.426944G | A | 0.4171 | 3994 |
| 4 chrB1.427316A | G | 0.229 | 3944 |
| 4 chrB1.427817A | G | 0.475 | 3998 |
| 4 chrB1.428408A | G | 0.4827 | 3992 |
| 4 chrB1.428700C | A | 0.3134 | 4004 |
| 4 chrB1.429318A | C | 0.401 | 3970 |
| 4 chrB1.429736G | A | 0.4495 | 4002 |
| 4 chrB1.430365A | G | 0.1151 | 3996 |
| 4 chrB1.430660G | A | 0.3416 | 4008 |

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| 4 chrB1.431462G | A | 0.3918 | 3954 |
| 4 chrB1.432058A | C | 0.04217 | 4008 |
| 4 chrB1.432378A | G | 0.3756 | 3994 |
| 4 chrB1.433416A | G | 0.296 | 3986 |
| 4 chrB1.433963G | A | 0.04443 | 4006 |
| 4 chrB1.434282G | A | 0.2992 | 4004 |
| 4 chrB1.434311A | G | 0.04518 | 4006 |
| 4 chrB1.434654A | G | 0.01297 | 4010 |
| 4 chrB1.435127A | C | 0.1455 | 4006 |
| 4 chrB1.435435A | G | 0.2738 | 3992 |
| 4 chrB1.435718A | G | 0.2699 | 4002 |
| 4 chrB1.436287A | G | 0.1763 | 4000 |
| 4 chrB1.436939A | C | 0.4176 | 3968 |
| 4 chrB1.437265G | A | 0.2269 | 4006 |
| 4 chrB1.437720G | A | 0.3439 | 4004 |
| 4 chrB1.438373G | A | 0.3666 | 4002 |
| 4 chrB1.438695A | G | 0.2484 | 4002 |
| 4 chrB1.438955G | A | 0.04171 | 4004 |
| 4 chrB1.439665G | A | 0.443 | 3948 |
| 4 chrB1.439960A | G | 0.2225 | 3982 |
| 4 chrB1.440648A | C | 0.07474 | 3974 |
| 4 chrB1.441146G | A | 0.1977 | 3940 |
| 4 chrB1.441479G | A | 0.4466 | 4006 |
| 4 chrB1.441721G | A | 0.3972 | 3998 |
| 4 chrB1.442093A | C | 0.3434 | 3998 |
| 4 chrB1.442276A | G | 0.4007 | 3988 |
| 4 chrB1.442669 | 0 A | 0 | 4004 |
| 4 chrB1.443257A | G | 0.4432 | 3958 |
| 4 chrB1.443577C | A | 0.05825 | 4000 |
| 4 chrB1.444261A | C | 0.000761 | 3942 |
| 4 chrB1.445023A | G | 0.1827 | 4000 |
| 4 chrB1.445500A | G | 0.403 | 3782 |
| 4 chrB1.445835C | A | 0.2174 | 4002 |
| 4 chrB1.446300A | G | 0.02824 | 3966 |
| 4 chrB1.446547G | A | 0.03568 | 4008 |
| 4 chrB1.446812A | G | 0.4317 | 3996 |
| 4 chrB1.446919G | A | 0.1108 | 3916 |
| 4 chrB1.447379A | G | 0.2304 | 4006 |
| 4 chrB1.447629G | A | 0.4564 | 3926 |
| 4 chrB1.447967A | G | 0.0239 | 3766 |
| 4 chrB1.448363C | A | 0.0669 | 4006 |

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| 4 chrB1.449621G | A | 0.03523 | 3974 |
| 4 chrB1.451321A | G | 0.2494 | 4002 |
| 4 chrB1.451936G | A | 0.1485 | 4000 |
| 4 chrB1.452684A | G | 0.04915 | 4008 |
| 4 chrB1.452827A | G | 0.0212 | 4010 |
| 4 chrB1.453233G | A | 0.2379 | 3994 |
| 4 chrB1.453576A | C | 0.06048 | 3720 |
| 4 chrB1.453942A | G | 0.2512 | 4004 |
| 4 chrB1.454415A | G | 0.0195 | 3744 |
| 4 chrB1.454667A | G | 0.129 | 3776 |
| 4 chrB1.455658A | G | 0.2129 | 4002 |
| 4 chrB1.455907C | A | 0.05264 | 4008 |
| 4 chrB1.457365A | G | 0.1732 | 3758 |
| 4 chrB1.456903A | G | 0.196 | 3970 |
| 4 chrB1.457631A | G | 0.02446 | 4006 |
| 4 chrB1.458378A | G | 0.1259 | 3978 |
| 4 chrB1.458646A | G | 0.1827 | 3996 |
| 4 chrB1.459045C | A | 0.02395 | 4008 |
| 4 chrB1.459364C | A | 0.2776 | 4006 |
| 4 chrB1.460122A | G | 0.2273 | 4008 |
| 4 chrB1.460495G | A | 0.3701 | 4002 |
| 4 chrB1.461161A | G | 0.09316 | 4004 |
| 4 chrB1.461231A | C | 0.0004988 | 4010 |
| 4 chrB1.461905G | A | 0.4825 | 4004 |
| 4 LPL_G1234A. A | G | 0.001747 | 4008 |
| 4 chrB1.462562G | A | 0.1309 | 3996 |
| 4 chrUn25.1683A | G | 0.02448 | 4004 |
| 4 chrB1.809489A | G | 0.05896 | 3884 |
| 4 chrB1.810026A | G | 0.005452 | 3852 |
| 4 chrB1.810294A | G | 0.04084 | 3942 |
| 4 chrB1.810697A | G | 0.09226 | 3978 |
| 4 chrB1.811681C | A | 0.02496 | 4006 |
| 4 chrUn.10720G | A | 0.2366 | 3964 |
| 4 chrUn16.1107 | 0 G | 0 | 4004 |
| 4 chrUn16.1108A | C | 0.02377 | 3996 |
| 4 chrUn16.1111A | G | 0.08554 | 4010 |
| 4 chrUn16.1121A | G | 0.3738 | 4002 |
| 4 chrUn16.1133G | A | 0.0514 | 4008 |
| 4 chrUn16.1131C | A | 0.2057 | 4000 |
| 4 chrUn16.1139G | A | 0.03942 | 4008 |
| 4 chrUn16.1141A | G | 0.1311 | 3996 |

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| 4 chrUn16.114!A | C | 0.04767 | 3944 |
| 4 chrUn16.115!A | G | 0.05012 | 4010 |
| 4 chrUn16.116!G | A | 0.3752 | 3966 |
| 4 chrUn16.116!A | G | 0.0492 | 3984 |
| 4 chrUn16.116!C | A | 0.05247 | 4002 |
| 4 chrUn16.117!G | A | 0.4625 | 4004 |
| 4 chrUn16.117!A | G | 0.04533 | 3794 |
| 4 chrUn16.118!G | A | 0.05117 | 4006 |
| 4 chrUn16.118!G | A | 0.05133 | 3994 |
| 4 chrUn16.118!A | G | 0.1945 | 3964 |
| 4 chrUn16.119!G | A | 0.1102 | 3948 |
| 4 chrUn16.119!A | C | 0.0002505 | 3992 |
| 4 chrUn16.120!G | A | 0.06437 | 4008 |
| 4 chrUn16.120!A | C | 0.4043 | 4004 |
| 4 chrUn16.121!A | G | 0.09138 | 3666 |
| 4 chrUn16.122!A | G | 0.1787 | 4000 |
| 4 chrUn16.122!C | A | 0.1476 | 3996 |
| 4 chrUn16.122!G | A | 0.03416 | 4010 |
| 4 chrB1.52650!A | G | 0.3479 | 3998 |
| 4 chrB1.52686!C | A | 0.3632 | 3940 |
| 4 chrB1.52737!A | G | 0.1377 | 3994 |
| 4 chrB1.52781!C | A | 0.2395 | 4004 |
| 4 chrB1.52826!G | A | 0.06372 | 4002 |
| 4 chrB1.52861!A | C | 0.4755 | 3996 |
| 4 chrB1.52946!C | A | 0.006484 | 4010 |
| 4 chrB1.52969!A | G | 0.2587 | 3982 |
| 4 chrB1.53029!A | G | 0.006234 | 4010 |
| 4 chrB1.53075!C | A | 0.4195 | 4002 |
| 4 chrB1.53099!G | A | 0.1304 | 3996 |
| 4 chrB1.53140!A | G | 0.3088 | 3996 |
| 4 chrB1.53184!G | A | 0.2897 | 4008 |
| 4 chrB1.53243!G | A | 0.004993 | 4006 |
| 4 chrB1.53343!A | C | 0.3682 | 3688 |
| 4 chrB1.53404!G | A | 0.04589 | 3966 |
| 4 chrB1.53411!A | G | 0.001248 | 4006 |
| 4 chrB1.53450!A | C | 0.1267 | 4008 |
| 4 chrB1.53491!G | A | 0.1276 | 3996 |
| 4 chrB1.53531!C | A | 0.3015 | 4000 |
| 4 chrB1.53601!G | A | 0.4086 | 3992 |
| 4 chrB1.53647!G | A | 0.3383 | 4002 |
| 4 chrB1.53739!A | G | 0.4471 | 3990 |

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| 4 chrB1.538068A | G | 0.4001 | 4006 |
| 4 chrB1.538391G | A | 0.4396 | 3988 |
| 4 chrB1.539199A | G | 0.4306 | 3962 |
| 4 chrB1.539468A | C | 0.07556 | 3944 |
| 4 chrB1.540100G | A | 0.4799 | 3990 |
| 4 chrB1.540117A | G | 0.003746 | 4004 |
| 4 chrB1.540439A | G | 0.3994 | 3948 |
| 4 chrB1.540823G | A | 0.01273 | 4006 |
| 4 chrB1.541140A | C | 0.1355 | 4000 |
| 4 chrB1.541378A | C | 0.008718 | 3900 |
| 4 chrB1.541701G | A | 0.3063 | 4000 |
| 4 chrB1.542079A | G | 0.4233 | 4002 |
| 4 chrB1.542744G | A | 0.1405 | 3942 |
| 4 chrB1.543083A | G | 0.2731 | 4006 |
| 4 chrB1.543392G | A | 0.1759 | 3996 |
| 4 chrB1.543852C | A | 0.1819 | 4002 |
| 4 chrB1.544201G | A | 0.1511 | 3992 |
| 4 chrB1.544529A | G | 0.1075 | 4008 |
| 4 chrB1.544867A | G | 0.2234 | 4006 |
| 4 chrB1.545275G | A | 0.2633 | 3992 |
| 4 chrB1.546625A | G | 0.1952 | 3960 |
| 4 chrB1.546940A | G | 0.1122 | 4000 |
| 4 chrB1.547331A | G | 0.0689 | 4006 |
| 4 chrB1.547680A | G | 0.01784 | 3868 |
| 4 chrB1.549110C | A | 0.08342 | 4004 |
| 4 chrB1.549384G | A | 0.3221 | 3934 |
| 4 chrB1.550081G | A | 0.2481 | 3994 |
| 4 chrB1.550521G | A | 0.1648 | 4010 |
| 4 chrB1.550916A | G | 0.000998 | 4008 |
| 4 chrB1.551064A | G | 0.1639 | 4002 |
| 4 chrUn.742580A | G | 0.06316 | 4006 |
| 4 chrB1.551365C | A | 0.2435 | 4004 |
| 4 chrB1.552270A | G | 0.3626 | 4004 |
| 4 chrB1.552557A | G | 0.09606 | 4008 |
| 4 chrB1.552887A | G | 0.04443 | 4006 |
| 4 chrB1.554379G | A | 0.2046 | 4008 |
| 4 chrB1.554804A | G | 0.09375 | 4000 |
| 4 chrB1.555084A | G | 0.08267 | 4004 |
| 4 chrB1.555329G | A | 0.1736 | 3946 |
| 4 chrB1.555702 | 0 G | 0 | 4002 |
| 4 chrB1.555803G | A | 0.313 | 3994 |

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| 4 chrB1.556139A | G | 0.182 | 3978 |
| 4 chrB1.556431A | G | 0.08013 | 4006 |
| 4 chrB1.556785A | G | 0.07996 | 4002 |
| 4 chrB1.557032A | G | 0.2279 | 3966 |
| 4 chrB1.557368A | G | 0.401 | 3990 |
| 4 chrB1.557817A | G | 0.1873 | 3850 |
| 4 chrB1.558380A | G | 0.0998 | 4008 |
| 4 chrB1.559296C | A | 0.4201 | 4006 |
| 4 chrB1.559848C | A | 0.1166 | 4004 |
| 4 chrB1.560177A | G | 0.1686 | 3844 |
| 4 chrB1.560614A | C | 0.003744 | 4006 |
| 4 chrB1.561058A | G | 0.1181 | 3964 |
| 4 chrB1.561291A | G | 0.001497 | 4008 |
| 4 chrB1.561453A | G | 0.3432 | 3942 |
| 4 chrB1.561813G | A | 0.3047 | 3998 |
| 4 chrB1.562111A | G | 0.2695 | 4000 |
| 4 chrB1.562361G | A | 0.3117 | 4000 |
| 4 chrB1.562850C | A | 0.1917 | 3922 |
| 4 chrB1.563103G | A | 0.1233 | 4006 |
| 4 chrB1.563417G | A | 0.2112 | 3968 |
| 4 chrB1.563714G | A | 0.00856 | 3972 |
| 4 chrB1.564097A | G | 0.2593 | 3972 |
| 4 chrB1.564933G | A | 0.2797 | 4004 |
| 4 chrB1.564944G | A | 0.1101 | 4006 |
| 4 chrB1.565245G | A | 0.3683 | 3866 |
| 4 chrB1.565605A | G | 0.4288 | 4000 |
| 4 chrB1.566313A | G | 0.1185 | 3984 |
| 4 chrB1.566790A | G | 0.4387 | 3994 |
| 4 chrB1.567107A | G | 0.4106 | 3916 |
| 4 chrB1.569359A | G | 0.0636 | 3994 |
| 4 chrB1.569829A | G | 0.02843 | 3940 |
| 4 chrB1.570333A | G | 0.07905 | 3972 |
| 4 chrB1.571367A | G | 0.09165 | 3928 |
| 4 chrUn.124234G | A | 0.003244 | 4008 |
| 4 chrB1.571949A | C | 0.2244 | 3988 |
| 4 chrB1.572390A | G | 0.05603 | 3980 |
| 4 chrB1.573044G | A | 0.1997 | 4006 |
| 4 chrB1.573386A | G | 0.05631 | 3978 |
| 4 chrB1.573834A | C | 0.1102 | 4002 |
| 4 chrB1.574155G | A | 0.3228 | 3990 |
| 4 chrB1.574244A | G | 0.05825 | 4000 |

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| 4 chrB1.57565C | G | 0.0007508 | 3996 |
| 4 chrB1.57602C | A | 0.3512 | 4000 |
| 4 chrB1.57621T | G | 0.06094 | 4004 |
| 4 chrB1.57661T | C | 0.263 | 3840 |
| 4 chrB1.57726C | A | 0.06459 | 4010 |
| 4 chrB1.57801C | G | 0.06025 | 4000 |
| 4 chrB1.578531G | A | 0.1548 | 3612 |
| 4 chrB1.57891T | A | 0.04493 | 4006 |
| 4 chrB1.57996T | G | 0.0317 | 4006 |
| 4 chrB1.58024C | A | 0.03769 | 4006 |
| 4 chrB1.58054T | G | 0.3538 | 3994 |
| 4 chrB1.58085T | G | 0.02531 | 3990 |
| 4 chrB1.58135T | G | 0.3532 | 3992 |
| 4 chrB1.58165C | A | 0.03343 | 4008 |
| 4 chrB1.58225T | G | 0.04192 | 4008 |
| 4 chrB1.58251T | A | 0.3271 | 3974 |
| 4 chrB1.58350C | G | 0.1043 | 3980 |
| 4 chrB1.58418T | G | 0.07486 | 3994 |
| 4 chrB1.58452T | A | 0.09355 | 3998 |
| 4 chrB1.58525T | C | 0.08367 | 4004 |
| 4 chrB1.58584C | G | 0.03317 | 4010 |
| 4 chrUn.38966T | A | 0.07729 | 3972 |
| 4 chrB2.15579C | G | 0.1308 | 3998 |
| 4 chrB1.58659T | G | 0.02996 | 3838 |
| 4 chrB1.58692C | G | 0.1054 | 3996 |
| 4 chrB1.58718T | G | 0.04221 | 4004 |
| 4 chrB1.58771C | A | 0.001249 | 4004 |
| 4 chrB1.58795T | G | 0.3758 | 3986 |
| 4 chrB1.58819T | A | 0.02618 | 4010 |
| 4 chrB1.58844C | G | 0.3196 | 4008 |
| 4 chrB1.58855C | A | 0.4182 | 4010 |
| 4 chrB1.58921C | G | 0.07834 | 4008 |
| 4 chrB1.58959C | A | 0.3586 | 4002 |
| 4 chrB1.58985C | C | 0.3318 | 4008 |
| 4 chrB1.59012T | G | 0.1362 | 4008 |
| 4 chrB1.59069T | G | 0.1109 | 3976 |
| 4 chrB1.59113T | G | 0.3203 | 3962 |
| 4 chrB1.59184T | G | 0.2547 | 4008 |
| 4 chrB1.59234C | G | 0.2604 | 4002 |
| 4 chrB1.59346T | A | 0.2986 | 3998 |
| 4 chrB1.59445C | G | 0.2667 | 3982 |

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| 4 chrB1.595188C | A | 0.06338 | 3992 |
| 4 chrB1.595518A | G | 0.0002498 | 4004 |
| 4 chrB1.595522A | G | 0.2263 | 3982 |
| 4 chrB1.595858G | A | 0.1171 | 3870 |
| 4 chrB1.596098A | G | 0.4517 | 3954 |
| 4 chrB1.596688A | G | 0.3956 | 3984 |
| 4 chrUn.714164A | G | 0.2531 | 4006 |
| 4 chrB1.597218A | G | 0.1271 | 4004 |
| 4 chrB1.597468A | G | 0.00577 | 3986 |
| 4 chrB1.598037A | C | 0.1393 | 4006 |
| 4 chrB1.598598A | G | 0.08438 | 3970 |
| 4 chrB1.599067A | G | 0.3697 | 3998 |
| 4 chrD2.847492A | G | 0.06001 | 3966 |
| 4 chrD2.846680A | G | 0.2186 | 3984 |
| 4 chrB1.600181G | A | 0.2724 | 3994 |
| 4 chrB1.600931G | A | 0.1003 | 4008 |
| 4 chrB1.602477G | A | 0.1101 | 4006 |
| 4 chrB1.602757G | A | 0.1126 | 3996 |
| 4 chrB1.603214A | G | 0.4848 | 3946 |
| 4 chrB1.603888A | G | 0.4103 | 3970 |
| 4 chrB1.604222G | A | 0.4405 | 4002 |
| 4 chrB1.604590A | G | 0.2711 | 3940 |
| 4 chrB1.604691A | G | 0.02971 | 4006 |
| 4 chrB1.605254A | G | 0.4775 | 4008 |
| 4 chrB1.605512A | C | 0.1349 | 4004 |
| 4 chrB1.606084A | G | 0.2985 | 3986 |
| 4 chrB1.607418A | C | 0.1983 | 4000 |
| 4 chrB1.608026G | A | 0.4125 | 4002 |
| 4 chrB1.608377A | G | 0.2113 | 4000 |
| 4 chrB1.608974A | G | 0.1092 | 3884 |
| 4 chrB1.609088C | A | 0.4748 | 3970 |
| 4 chrB1.609478A | C | 0.2097 | 3962 |
| 4 chrB1.609997G | A | 0.265 | 3958 |
| 4 chrB1.610468G | A | 0.07429 | 3998 |
| 4 chrB1.611021A | G | 0.3043 | 4002 |
| 4 chrB1.611596A | G | 0.2428 | 4008 |
| 4 chrB1.611848G | A | 0.1665 | 4006 |
| 4 chrB1.390710A | C | 0.2014 | 3998 |
| 4 chrB1.390210A | G | 0.07742 | 4004 |
| 4 chrB1.389922A | G | 0.1372 | 4008 |
| 4 chrB1.389324A | G | 0.1871 | 4004 |

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| 4 chrB1.388410A | G | 0.1992 | 4006 |
| 4 chrB1.387913G | A | 0.1456 | 3998 |
| 4 chrB1.387396A | G | 0.1394 | 4004 |
| 4 chrB1.386756A | G | 0.1286 | 3716 |
| 4 chrB1.386146G | A | 0.2069 | 3882 |
| 4 chrB1.385683A | G | 0.05897 | 4002 |
| 4 chrB1.385329G | A | 0.2786 | 4002 |
| 4 chrB1.384200G | A | 0.1591 | 3890 |
| 4 chrB1.383856A | G | 0.1816 | 4004 |
| 4 chrB1.383558G | A | 0.4104 | 3960 |
| 4 chrB1.383087A | G | 0.3717 | 3998 |
| 4 chrB1.381246A | G | 0.1186 | 4006 |
| 4 chrB1.380235A | G | 0.1519 | 4002 |
| 4 chrB1.379526G | A | 0.1506 | 3864 |
| 4 chrB1.378699G | A | 0.3547 | 3958 |
| 4 chrB1.378258G | A | 0.09287 | 3984 |
| 4 chrB1.377965A | G | 0.06059 | 3994 |
| 4 chrB1.376483A | C | 0.00025 | 4000 |
| 4 chrB1.376463A | G | 0.1132 | 3994 |
| 4 chrB1.375627A | G | 0.1966 | 3998 |
| 4 chrB1.375314A | G | 0.1284 | 4002 |
| 4 chrB1.373899A | G | 0.1283 | 3992 |
| 4 chrB1.373388A | G | 0.2715 | 3938 |
| 4 chrB1.373135G | A | 0.2031 | 3998 |
| 4 chrB1.372858A | C | 0.06789 | 3992 |
| 4 chrB1.372392G | A | 0.4197 | 3996 |
| 4 chrB1.372092A | G | 0.08898 | 3630 |
| 4 chrB1.371691G | A | 0.2383 | 4004 |
| 4 chrB1.371378G | A | 0.09056 | 3920 |
| 4 chrB1.371198A | G | 0.1281 | 4004 |
| 4 chrB1.370875A | G | 0.1081 | 3998 |
| 4 chrB1.370550G | A | 0.06487 | 4008 |
| 4 chrB1.370200A | G | 0.06259 | 3962 |
| 4 chrA3.144917A | G | 0.0999 | 4004 |
| 4 chrB1.369330A | G | 0.2481 | 3918 |
| 4 chrB1.368803A | G | 0.2908 | 4010 |
| 4 chrB1.368001G | A | 0.2966 | 3938 |
| 4 chrB1.367761A | C | 0.2863 | 4006 |
| 4 chrB1.366300A | G | 0.1901 | 4004 |
| 4 chrB1.365629A | C | 0.4637 | 3998 |
| 4 chrB1.364672A | G | 0.204 | 3970 |

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|----------------|---|-----|-----------|------|
| 4 chrB1.363945 | A | G | 0.2124 | 3998 |
| 4 chrB1.362710 | G | A | 0.1845 | 3978 |
| 4 chrB1.362335 | A | G | 0.1686 | 3992 |
| 4 chrB1.361688 | G | A | 0.4588 | 4004 |
| 4 chrB1.360870 | G | A | 0.1167 | 3882 |
| 4 chrB1.360280 | G | A | 0.3868 | 4002 |
| 4 chrUn25.1345 | A | G | 0.08078 | 3986 |
| 4 chrUn25.1304 | G | A | 0.08637 | 4006 |
| 4 chrUn25.1271 | A | G | 0.001749 | 4002 |
| 4 chrUn25.1243 | A | G | 0.2603 | 3980 |
| 4 chrUn25.1186 | A | G | 0.3568 | 3988 |
| 4 chrUn25.1156 | A | G | 0.08479 | 4010 |
| 4 chrUn25.1121 | A | G | 0.2423 | 4004 |
| 4 chrUn25.1071 | G | A | 0.4007 | 4000 |
| 4 chrB1.680681 | G | A | 0.1461 | 3990 |
| 4 chrB1.681117 | G | A | 0.04407 | 3994 |
| 4 chrB1.681345 | G | 0 G | 0 | 4008 |
| 4 chrB1.681725 | A | G | 0.1584 | 3978 |
| 4 CLU.1187 | A | G | 0.004242 | 4008 |
| 4 CLU.1150 | | 0 A | 0 | 4010 |
| 4 CLU.654 | G | A | 0.0002494 | 4010 |
| 4 CLU.476 | | 0 A | 0 | 4010 |
| 4 CLU.425 | | 0 C | 0 | 4010 |
| 4 CLU.278 | | 0 G | 0 | 4010 |
| 4 CLU.388 | G | A | 0.1439 | 4002 |
| 4 chrB1.682086 | A | G | 0.2094 | 3992 |
| 4 chrB1.682198 | A | C | 0.1956 | 4004 |
| 4 chrB1.682361 | A | G | 0.1208 | 4008 |
| 4 chrB1.682705 | A | G | 0.4379 | 3996 |
| 4 chrB1.683015 | G | A | 0.1754 | 4008 |
| 4 chrB1.683305 | C | A | 0.003502 | 3998 |
| 4 chrB1.683783 | A | G | 0.05803 | 3998 |
| 4 chrB1.684096 | G | A | 0.2654 | 4002 |
| 4 chrB1.684855 | A | C | 0.09573 | 3980 |
| 4 chrB1.685438 | G | A | 0.428 | 3998 |
| 4 chrB1.685758 | A | G | 0.08088 | 4006 |
| 4 chrB1.686168 | C | A | 0.1086 | 3756 |
| 4 chrB1.686645 | G | A | 0.4741 | 3982 |
| 4 chrB1.686915 | A | G | 0.3171 | 4002 |
| 4 chrB1.688663 | A | G | 0.2856 | 3992 |
| 4 chrB1.689271 | A | G | 0.05212 | 4010 |

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| 4 chrB1.689530A | G | 0.07169 | 3836 |
| 4 chrB1.690054A | G | 0.1342 | 4000 |
| 4 chrB1.690544G | A | 0.3863 | 3976 |
| 4 chrB1.690842A | G | 0.1178 | 4000 |
| 4 chrB1.691645G | A | 0.2544 | 4006 |
| 4 chrB1.691857A | G | 0.02404 | 3994 |
| 4 chrB1.691925A | C | 0.4273 | 3936 |
| 4 chrB1.692051G | A | 0.0892 | 3980 |
| 4 chrB1.692349A | G | 0.344 | 3982 |
| 4 chrB1.692994A | G | 0.2561 | 4006 |
| 4 chrB1.693266G | A | 0.2817 | 4004 |
| 4 chrB1.693672G | A | 0.2285 | 4000 |
| 4 chrB1.694330A | G | 0.3164 | 3998 |
| 4 chrB1.694961A | G | 0.1204 | 4010 |
| 4 chrB1.695248A | G | 0.1974 | 4008 |
| 4 chrB1.695739G | A | 0.4341 | 3992 |
| 4 chrB1.696275G | A | 0.3258 | 4002 |
| 4 chrB1.696773C | A | 0.05461 | 3882 |
| 4 chrB1.697020A | G | 0.272 | 4004 |
| 4 chrB1.697594A | G | 0.4827 | 3990 |
| 4 chrB1.697968G | A | 0.1182 | 4002 |
| 4 chrB1.698483A | G | 0.1077 | 4002 |
| 4 chrB1.698866G | A | 0.01038 | 3950 |
| 4 chrB1.699220A | C | 0.2039 | 3998 |
| 4 chrB1.699624A | G | 0.1247 | 3960 |
| 4 chrB1.699949A | C | 0.1272 | 3994 |
| 4 chrB1.700217G | A | 0.07677 | 3986 |
| 4 chrB1.700850G | A | 0.1267 | 3986 |
| 4 chrB1.701117A | G | 0.01848 | 3842 |
| 4 chrB1.701133A | G | 0.3731 | 3994 |
| 4 chrB1.701672G | A | 0.07889 | 3980 |
| 4 chrB1.702179G | A | 0.1756 | 3970 |
| 4 chrB1.702754A | G | 0.249 | 4004 |
| 4 chrB1.703216A | G | 0.2427 | 3996 |
| 4 chrB1.703618A | G | 0.1815 | 4006 |
| 4 chrB1.704267A | C | 0.2464 | 3978 |
| 4 chrB1.704735A | G | 0.28 | 4000 |
| 4 chrB1.705164G | A | 0.1709 | 4002 |
| 4 chrB1.705585A | C | 0.499 | 3948 |
| 4 chrB1.705962A | G | 0.06883 | 4010 |
| 4 chrB1.706414A | G | 0.4103 | 3914 |

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| 4 chrB1.707552A | C | 0.06713 | 3888 |
| 4 chrB1.708019A | G | 0.1627 | 4008 |
| 4 chrB1.708553A | G | 0.2298 | 3982 |
| 4 chrB1.709168A | G | 0.145 | 4000 |
| 4 chrB1.709449A | G | 0.1575 | 4006 |
| 4 chrB1.709898A | G | 0.06035 | 4010 |
| 4 chrB1.710466G | A | 0.2016 | 3998 |
| 4 chrB1.710845A | G | 0.1329 | 3904 |
| 4 chrB1.711751G | A | 0.1846 | 3998 |
| 4 chrB1.712049A | G | 0.3454 | 3998 |
| 4 chrB1.712309G | A | 0.4856 | 3964 |
| 4 chrB1.712653G | A | 0.08165 | 3858 |
| 4 chrB1.713408A | C | 0.3667 | 4006 |
| 4 chrB1.713985G | A | 0.05544 | 4004 |
| 4 chrB1.714269A | G | 0.004158 | 3848 |
| 4 chrB1.714522G | A | 0.4276 | 4004 |
| 4 chrB1.714763A | G | 0.01152 | 3992 |
| 4 chrB1.715629A | G | 0.4985 | 4002 |
| 4 chrB1.715908A | G | 0.1358 | 3622 |
| 4 chrB1.716263A | C | 0.01848 | 4004 |
| 4 chrB1.716591A | C | 0.08375 | 4000 |
| 4 chrB1.716901A | G | 0.03691 | 4010 |
| 4 chrB1.717511G | A | 0.2575 | 4008 |
| 4 chrB1.717948G | A | 0.1108 | 4000 |
| 4 chrB1.718012 | 0 A | 0 | 4010 |
| 4 chrB1.718688A | G | 0.3423 | 3994 |
| 4 chrB1.719300 | 0 A | 0 | 4008 |
| 4 chrB1.719360C | A | 0.1229 | 3994 |
| 4 chrB1.719951G | A | 0.1445 | 3994 |
| 4 chrB1.720260A | G | 0.09256 | 4008 |
| 4 chrB1.720634A | G | 0.1781 | 3998 |
| 4 chrB1.720960G | A | 0.1593 | 3992 |
| 4 chrB1.721321G | A | 0.1189 | 3978 |
| 4 chrB1.721882A | G | 0.3712 | 3998 |
| 4 chrB1.723460A | G | 0.2991 | 4006 |
| 4 chrB1.723978A | C | 0.06752 | 3836 |
| 4 chrB1.724215G | A | 0.1257 | 3938 |
| 4 chrB1.724551G | A | 0.08537 | 4006 |
| 4 chrB1.724846G | A | 0.08462 | 4006 |
| 4 chrB1.725208A | G | 0.04788 | 4010 |
| 4 chrB1.725819A | G | 0.2777 | 3982 |

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| 4 chrB1.726311C | A | 0.2952 | 4004 |
| 4 chrB1.726344A | G | 0.1242 | 3992 |
| 4 chrB1.726866A | C | 0.4705 | 4006 |
| 4 chrB1.727272A | C | 0.1731 | 4004 |
| 4 chrB1.727779A | G | 0.2724 | 3958 |
| 4 chrB1.729115G | A | 0.2526 | 3888 |
| 4 chrB1.729622A | G | 0.1541 | 3990 |
| 4 chrB1.729875A | G | 0.1192 | 4002 |
| 4 chrB1.730250C | A | 0.3414 | 3992 |
| 4 chrB1.730497A | G | 0.3097 | 4004 |
| 4 chrB1.730982A | G | 0.2027 | 4000 |
| 4 chrB1.731334A | G | 0.1842 | 4002 |
| 4 chrB1.731695C | A | 0.3817 | 4000 |
| 4 chrB1.732114A | G | 0.2222 | 4010 |
| 4 chrB1.732524A | G | 0.2157 | 4000 |
| 4 chrB1.732782A | G | 0.2081 | 4008 |
| 4 chrB1.733503G | A | 0.4583 | 4002 |
| 4 chrB1.733775G | A | 0.2465 | 4000 |
| 4 chrB1.734371C | A | 0.3546 | 3940 |
| 4 chrB1.734657C | A | 0.1743 | 3998 |
| 4 chrB1.735291G | A | 0.4261 | 4004 |
| 4 chrB1.735529A | G | 0.3184 | 4008 |
| 4 chrB1.735835G | A | 0.1402 | 4008 |
| 4 chrB1.736086A | G | 0.1084 | 3996 |
| 4 chrB1.736820A | C | 0.3895 | 4008 |
| 4 chrB1.737143C | A | 0.2966 | 3982 |
| 4 chrB1.737586G | A | 0.1314 | 4002 |
| 4 chrB1.738449G | A | 0.1662 | 3984 |
| 4 chrB1.738552A | G | 0.01023 | 4008 |
| 4 chrB1.738102A | G | 0.07285 | 4008 |
| 4 chrB1.738739A | G | 0.16 | 3982 |
| 4 chrB1.739367C | A | 0.4173 | 3918 |
| 4 chrB1.739627A | G | 0.1051 | 3950 |
| 4 chrB1.739901A | G | 0.1664 | 4002 |
| 4 chrB1.740169A | G | 0.348 | 3894 |
| 4 chrB1.740458A | G | 0.2171 | 3948 |
| 4 chrB1.741501A | G | 0.3891 | 4004 |
| 4 chrB1.741837A | G | 0.1371 | 4004 |
| 4 chrB1.742645C | A | 0.1626 | 3980 |
| 4 chrA3.170196A | G | 0.3926 | 4002 |
| 4 chrB1.743387G | A | 0.1845 | 3994 |

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| 4 chrB1.744062A | G | 0.1713 | 4004 |
| 4 chrB1.744660A | G | 0.009005 | 3998 |
| 4 chrB1.744712A | G | 0.2089 | 4006 |
| 4 chrB1.745303C | A | 0.3894 | 3986 |
| 4 chrB1.745953A | C | 0.06494 | 4004 |
| 4 chrB1.746363G | A | 0.2865 | 3868 |
| 4 chrB1.747011G | A | 0.4477 | 4000 |
| 4 chrB1.747312G | A | 0.4861 | 3970 |
| 4 chrA2.222321G | A | 0.07368 | 4004 |
| 4 chrB1.748054G | A | 0.0717 | 3752 |
| 4 chrUn.32650G | A | 0.3292 | 4000 |
| 4 chrB1.748476A | G | 0.3375 | 4006 |
| 4 chrB1.748771A | C | 0.3272 | 3992 |
| 4 chrB1.749318C | A | 0.4379 | 3994 |
| 4 chrB1.749644G | A | 0.3054 | 3998 |
| 4 chrB1.749679A | G | 0.2595 | 4008 |
| 4 chrB1.750109A | G | 0.2523 | 3968 |
| 4 chrB1.750652G | A | 0.0669 | 4006 |
| 4 chrB1.751121C | A | 0.2181 | 3920 |
| 4 chrB1.751362A | G | 0.2274 | 4006 |
| 4 chrB1.752089C | A | 0.4316 | 3960 |
| 4 chrB1.752393C | A | 0.2842 | 3994 |
| 4 chrB1.752900A | G | 0.1624 | 3996 |
| 4 chrB1.753162G | A | 0.08007 | 3884 |
| 4 chrB1.753543G | A | 0.05631 | 3978 |
| 4 chrB1.754026G | A | 0.3779 | 4004 |
| 4 chrB1.754322G | A | 0.297 | 3950 |
| 4 chrB1.755017A | G | 0.1429 | 3974 |
| 4 chrB1.755489A | C | 0.1208 | 4000 |
| 4 chrB1.756109G | A | 0.09411 | 3836 |
| 4 chrB1.756467G | A | 0.05176 | 3980 |
| 4 chrB1.756816G | A | 0.03343 | 4008 |
| 4 chrB1.757053A | G | 0.2271 | 3690 |
| 4 chrB1.757753C | A | 0.2773 | 4006 |
| 4 chrB1.758738A | G | 0.1956 | 4008 |
| 4 chrB1.759017G | A | 0.1259 | 4004 |
| 4 chrB1.759244G | A | 0.1707 | 3996 |
| 4 chrB1.759299A | G | 0.208 | 3972 |
| 4 chrB1.759843G | A | 0.119 | 3990 |
| 4 chrB1.761214A | G | 0.2591 | 3990 |
| 4 chrA3.170221A | G | 0.2081 | 3984 |

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| 4 chrB1.761487A | G | 0.06272 | 4002 |
| 4 chrB1.761729A | G | 0.4485 | 3978 |
| 4 chrB1.761973A | C | 0.4193 | 3940 |
| 4 chrB1.762300A | G | 0.4447 | 4000 |
| 4 chrB1.762796A | G | 0.373 | 4008 |
| 4 chrB1.763112A | G | 0.1378 | 3998 |
| 4 chrUn.216739G | A | 0.29 | 4004 |
| 4 chrB1.763514A | G | 0.1177 | 3994 |
| 4 chrB1.764091C | A | 0.1789 | 3856 |
| 4 chrB1.765150C | A | 0.3112 | 3982 |
| 4 chrB1.765387A | C | 0.1097 | 3966 |
| 4 chrB1.765841A | G | 0.07596 | 4002 |
| 4 chrB1.766514G | A | 0.1354 | 4002 |
| 4 chrUn.375463G | A | 0.1468 | 3986 |
| 4 chrB1.767332G | A | 0.1445 | 3992 |
| 4 chrB1.767828A | G | 0.2091 | 3984 |
| 4 chrB1.768497G | A | 0.08538 | 3994 |
| 4 chrB1.769037 | 0 G | 0 | 4006 |
| 4 chrB1.769368A | G | 0.3009 | 3968 |
| 4 chrB1.769723A | G | 0.169 | 4006 |
| 4 chrB1.770351G | A | 0.2278 | 3968 |
| 4 chrB1.770803C | A | 0.05893 | 3988 |
| 4 chrB1.771153A | C | 0.4001 | 3984 |
| 4 chrB1.771804A | G | 0.4072 | 3998 |
| 4 chrB1.772522G | A | 0.2599 | 3978 |
| 4 chrB1.772935A | C | 0.2157 | 3866 |
| 4 chrB1.773182A | G | 0.03848 | 4002 |
| 4 chrB1.773507A | G | 0.08721 | 3956 |
| 4 chrB1.774068A | C | 0.1446 | 3956 |
| 4 chrB1.774459A | G | 0.079 | 3962 |
| 4 chrB1.774720A | G | 0.1071 | 3986 |
| 4 chrB1.775232A | G | 0.114 | 4008 |
| 4 chrB1.775751G | A | 0.09526 | 4010 |
| 4 chrB1.776053G | A | 0.001998 | 4004 |
| 4 chrB1.776454G | A | 0.1104 | 4002 |
| 4 chrB1.776900A | C | 0.2108 | 3990 |
| 4 chrB1.777483A | C | 0.07621 | 4002 |
| 4 chrUn.666493A | G | 0.2827 | 4004 |
| 4 chrB1.777828A | C | 0.2229 | 3998 |
| 4 chrB1.777917A | G | 0.1492 | 3902 |
| 4 chrB1.778635G | A | 0.4758 | 3962 |

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| 4 chrB1.779138A | C | 0.2552 | 3966 |
| 4 chrB1.779698G | A | 0.4543 | 3852 |
| 4 chrB1.780145G | A | 0.4126 | 3960 |
| 4 chrB1.780452A | G | 0.1605 | 3626 |
| 4 chrB1.780939A | C | 0.3475 | 3836 |
| 4 chrUn.531088G | A | 0.1522 | 3950 |
| 4 chrB1.781428G | A | 0.3214 | 3824 |
| 4 chrB1.782072G | A | 0.2675 | 3992 |
| 4 chrB1.782614C | A | 0.2576 | 3998 |
| 4 chrB1.783022A | G | 0.1253 | 3942 |
| 4 chrB1.783339A | G | 0.4677 | 3992 |
| 4 chrB1.783735G | A | 0.03418 | 4008 |
| 4 chrB1.784056C | A | 0.03441 | 4010 |
| 4 chrUn.24755(A | G | 0.1493 | 3964 |
| 4 chrB1.784305A | G | 0.07229 | 3998 |
| 4 chrB1.784583A | G | 0.02969 | 4008 |
| 4 chrB1.784844A | C | 0.0963 | 3946 |
| 4 chrB1.785263A | C | 0.01899 | 4002 |
| 4 chrB1.785688G | A | 0.06503 | 3998 |
| 4 chrB1.786250C | A | 0.3689 | 4004 |
| 4 chrB1.786523A | G | 0.147 | 4006 |
| 4 chrB1.786890G | A | 0.08716 | 4004 |
| 4 chrUn.233908A | G | 0.4021 | 3852 |
| 4 chrB1.787543A | G | 0.08527 | 3952 |
| 4 chrB1.788652G | A | 0.2628 | 3950 |
| 4 chrB1.788895G | A | 0.247 | 4004 |
| 4 chrB1.789181G | A | 0.2473 | 3890 |
| 4 chrB1.789239C | A | 0.002001 | 3998 |
| 4 chrB1.789725G | A | 0.4178 | 3968 |
| 4 chrB1.790093G | A | 0.1166 | 3998 |
| 4 chrB1.790230A | C | 0.2429 | 4002 |
| 4 chrB1.790560G | A | 0.4424 | 3996 |
| 4 chrB1.791173A | G | 0.3008 | 3966 |
| 4 chrB1.791713A | G | 0.2971 | 3992 |
| 4 chrB1.792021G | A | 0.11 | 3992 |
| 4 chrB1.792597A | C | 0.3202 | 3948 |
| 4 chrB1.793255G | A | 0.4313 | 4000 |
| 4 chrB1.793581G | A | 0.2465 | 3910 |
| 4 chrB1.793930A | G | 0.1513 | 3992 |
| 4 chrB1.794389A | G | 0.3185 | 3990 |
| 4 chrB1.794985A | G | 0.411 | 4000 |

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| 4 chrB1.795605A | G | 0.2516 | 3998 |
| 4 chrB1.796141G | A | 0.2665 | 3992 |
| 4 chrB1.796515A | G | 0.1234 | 3988 |
| 4 chrB1.796836A | G | 0.2411 | 3998 |
| 4 chrB1.797241A | G | 0.4512 | 3998 |
| 4 chrB1.798018A | G | 0.2295 | 4004 |
| 4 chrB1.798281A | G | 0.415 | 3998 |
| 4 chrB1.798544A | G | 0.08053 | 3986 |
| 4 chrB1.799405A | G | 0.3937 | 3632 |
| 4 chrB1.799647A | G | 0.3854 | 3996 |
| 4 chrB1.800010A | G | 0.09327 | 4010 |
| 4 chrB1.800366A | G | 0.02495 | 4008 |
| 4 chrB1.801231A | G | 0.4383 | 4006 |
| 4 chrB1.802175A | G | 0.2187 | 4010 |
| 4 chrB1.802534A | G | 0.4804 | 3982 |
| 4 chrB1.802805A | G | 0.01555 | 3986 |
| 4 chrB1.803317A | G | 0.3287 | 3994 |
| 4 chrB1.803608C | A | 0.3802 | 4008 |
| 4 chrB1.804086A | G | 0.1445 | 3980 |
| 4 chrB1.804675A | C | 0.3869 | 3978 |
| 4 chrB1.805215G | A | 0.0162 | 3950 |
| 4 chrB1.805472G | A | 0.2023 | 4004 |
| 4 chrB1.805835A | G | 0.3084 | 3940 |
| 4 chrB1.806151A | C | 0.03931 | 3638 |
| 4 chrB1.806452A | G | 0.05272 | 4002 |
| 4 chrB1.806781C | A | 0.1742 | 4002 |
| 4 chrB1.807031A | G | 0.09855 | 3998 |
| 4 chrB1.812576G | A | 0.3946 | 3994 |
| 4 chrB1.807642G | A | 0.4389 | 3996 |
| 4 chrB1.813147A | C | 0.4652 | 3996 |
| 4 chrB1.808247G | A | 0.07585 | 3810 |
| 4 chrB1.808255A | G | 0.01156 | 3892 |
| 4 chrB1.814295G | A | 0.4579 | 3988 |
| 4 chrB1.814800A | C | 0.2965 | 4000 |
| 4 chrB1.815036C | A | 0.1469 | 3982 |
| 4 chrUn.625555A | C | 0.08249 | 3976 |
| 4 chrB1.816415A | G | 0.4795 | 3998 |
| 4 chrB1.816700A | G | 0.2683 | 3954 |
| 4 chrB1.817015G | A | 0.3833 | 4002 |
| 4 chrB1.817967A | C | 0.4829 | 3982 |
| 4 chrUn25.1015A | C | 0.4857 | 3994 |

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| 4 chrUn25.919T | A | G | 0.02022 | 4006 |
| 4 chrUn25.884T | A | G | 0.3467 | 4006 |
| 4 chrUn25.859T | A | G | 0.2649 | 3952 |
| 4 chrUn.56119T | C | A | 0.0004988 | 4010 |
| 4 chrUn.71551G | G | A | 0.3103 | 3996 |
| 4 chrUn.22180G | G | A | 0.08816 | 4004 |
| 4 chrUn15.133T | G | A | 0.1381 | 3998 |
| 4 chrUn15.133T | A | G | 0.08734 | 3996 |
| 4 chrUn15.132T | G | A | 0.4031 | 4004 |
| 4 chrUn15.131G | C | A | 0.1784 | 3974 |
| 4 chrUn15.130T | A | G | 0.06454 | 3982 |
| 4 chrUn15.127T | A | G | 0.3828 | 3984 |
| 4 chrUn15.127T | A | G | 0.4228 | 3678 |
| 4 chrUn15.127T | A | G | 0.3038 | 4006 |
| 4 chrUn.29492T | T | 0 A | 0 | 4006 |
| 4 chrUn15.126T | G | A | 0.2572 | 3974 |
| 4 chrUn15.125G | G | A | 0.3714 | 4004 |
| 4 chrUn15.125G | G | A | 0.4052 | 3998 |
| 4 chrUn.51875T | G | A | 0.3042 | 3974 |
| 4 chrUn.67416T | A | G | 0.08873 | 3798 |
| 4 chrUn15.124T | G | A | 0.1277 | 4008 |
| 4 chrUn15.123G | G | A | 0.2819 | 3952 |
| 4 chrUn.66582A | A | C | 0.1563 | 4004 |
| 4 chrUn15.123T | G | A | 0.1454 | 4004 |
| 4 chrUn15.122T | G | A | 0.3499 | 3984 |
| 4 chrUn15.122T | G | A | 0.3175 | 4006 |
| 4 chrUn15.122T | A | G | 0.4106 | 3984 |
| 4 chrUn15.121T | A | G | 0.3309 | 4004 |
| 4 chrUn15.121T | A | G | 0.1222 | 3994 |
| 4 chrUn15.120T | A | C | 0.4587 | 4000 |
| 4 chrUn.26847T | G | A | 0.2902 | 3790 |
| 4 chrUn15.119G | A | G | 0.1518 | 4006 |
| 4 chrUn15.119T | A | C | 0.3456 | 3956 |
| 4 chrUn15.118T | A | G | 0.07785 | 3892 |
| 4 chrUn15.118T | G | A | 0.3015 | 4006 |
| 4 chrUn15.118T | A | C | 0.2929 | 4002 |
| 4 chrUn15.118T | G | A | 0.02812 | 3770 |
| 4 chrUn15.117T | A | G | 0.05503 | 3998 |
| 4 chrUn15.117T | G | A | 0.0242 | 4008 |
| 4 chrUn15.116T | G | A | 0.468 | 3838 |
| 4 chrUn15.116T | G | A | 0.309 | 3994 |

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|---------------|---|-----|---------|------|
| 4 chrUn15.115 | A | C | 0.4417 | 3998 |
| 4 chrUn15.114 | G | A | 0.2866 | 3974 |
| 4 chrUn15.114 | A | G | 0.09667 | 3962 |
| 4 chrUn15.113 | A | G | 0.4912 | 3976 |
| 4 chrUn15.112 | G | A | 0.4067 | 4008 |
| 4 chrUn15.112 | G | A | 0.491 | 4002 |
| 4 chrUn15.111 | G | A | 0.2437 | 3832 |
| 4 chrUn15.111 | A | C | 0.08681 | 3974 |
| 4 chrUn15.111 | G | A | 0.2405 | 4000 |
| 4 chrE2.44847 | G | A | 0.287 | 4000 |
| 4 chrE2.44208 | A | G | 0.01943 | 3808 |
| 4 chrUn15.110 | G | A | 0.2963 | 3982 |
| 4 chrUn15.109 | A | C | 0.1678 | 3694 |
| 4 chrUn15.109 | G | A | 0.2901 | 4006 |
| 4 chrUn15.108 | G | A | 0.06362 | 3898 |
| 4 chrUn15.108 | G | A | 0.1806 | 4004 |
| 4 chrUn15.108 | G | A | 0.1006 | 4004 |
| 4 chrUn15.107 | A | G | 0.1911 | 3972 |
| 4 chrUn15.106 | G | A | 0.0405 | 4000 |
| 4 chrUn15.106 | G | A | 0.04802 | 3936 |
| 4 chrUn15.105 | A | G | 0.1648 | 4006 |
| 4 chrUn15.104 | G | A | 0.499 | 4004 |
| 4 chrUn15.104 | G | A | 0.3141 | 3840 |
| 4 chrUn.42184 | | 0 C | 0 | 3942 |
| 4 chrUn15.104 | A | C | 0.1562 | 3996 |
| 4 chrUn.16336 | A | G | 0.4752 | 3996 |
| 4 chrUn15.103 | A | G | 0.2634 | 4002 |
| 4 chrUn15.103 | C | A | 0.3577 | 3998 |
| 4 chrUn15.102 | A | G | 0.1441 | 3996 |
| 4 chrUn15.101 | A | G | 0.09129 | 3834 |
| 4 chrUn.81662 | C | A | 0.4605 | 3998 |
| 4 chrUn15.100 | C | A | 0.2492 | 3988 |
| 4 chrUn.14074 | A | G | 0.3987 | 4006 |
| 4 chrA2.15167 | G | A | 0.2984 | 3994 |
| 4 chrUn15.100 | A | G | 0.4164 | 3982 |
| 4 chrUn15.100 | A | G | 0.2106 | 4008 |
| 4 chrUn15.999 | A | G | 0.3753 | 3920 |
| 4 chrUn15.993 | A | G | 0.1214 | 3928 |
| 4 chrUn15.988 | A | G | 0.2151 | 4008 |
| 4 chrUn15.977 | A | G | 0.09642 | 3910 |
| 4 chrUn15.973 | A | G | 0.229 | 3992 |

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|-----------------|---|---------|------|
| 4 chrUn15.971(G | A | 0.2319 | 3998 |
| 4 chrUn15.963(A | C | 0.3333 | 3990 |
| 4 chrUn15.958(G | A | 0.2983 | 3996 |
| 4 chrUn15.955(A | G | 0.3043 | 3924 |
| 4 chrUn15.947(A | G | 0.4188 | 4000 |
| 4 chrUn15.943(A | G | 0.1796 | 3992 |
| 4 chrUn.74584(A | G | 0.3031 | 3930 |
| 4 chrUn15.935(A | G | 0.1207 | 4010 |
| 4 chrUn15.931(A | G | 0.2484 | 4002 |
| 4 chrUn15.927(G | A | 0.4138 | 4002 |
| 4 chrUn15.923(A | C | 0.132 | 3916 |
| 4 chrUn15.919(G | A | 0.4508 | 3984 |
| 4 chrUn15.916(G | A | 0.1056 | 4004 |
| 4 chrUn15.913(G | A | 0.2823 | 3946 |
| 4 chrUn15.908(G | A | 0.3378 | 3988 |
| 4 chrUn15.906(G | A | 0.2305 | 4000 |
| 4 chrUn15.902(G | A | 0.0908 | 3998 |
| 4 chrUn15.894(G | A | 0.2306 | 3834 |
| 4 chrUn15.889(A | G | 0.3702 | 3814 |
| 4 chrUn15.938(A | G | 0.3951 | 4004 |
| 4 chrUn15.879(G | A | 0.213 | 3916 |
| 4 chrUn15.873(G | A | 0.4693 | 4006 |
| 4 chrUn15.868(A | G | 0.1487 | 4002 |
| 4 chrUn31.100(A | G | 0.4622 | 4000 |
| 4 chrUn15.860(G | A | 0.2927 | 3950 |
| 4 chrUn15.853(A | G | 0.196 | 3954 |
| 4 chrUn15.850(G | A | 0.4773 | 4006 |
| 4 chrUn15.848(G | A | 0.2456 | 3986 |
| 4 chrUn15.845(G | A | 0.2086 | 4002 |
| 4 chrUn15.841(G | A | 0.02741 | 3904 |
| 4 chrUn15.838(A | C | 0.1849 | 3996 |
| 4 chrUn15.835(A | G | 0.3849 | 3996 |
| 4 chrUn.25998(C | A | 0.3846 | 3996 |
| 4 chrUn15.828(A | C | 0.3687 | 3908 |
| 4 chrUn15.825(A | G | 0.3333 | 3996 |
| 4 chrUn15.820(G | A | 0.2769 | 3966 |
| 4 chrUn15.807(G | A | 0.1753 | 3976 |
| 4 chrUn15.801(G | A | 0.2963 | 3820 |
| 4 chrUn15.799(A | G | 0.4865 | 3988 |
| 4 chrUn15.790(G | A | 0.3237 | 3920 |
| 4 chrUn15.784(A | G | 0.1287 | 4002 |

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| 4 chrUn15.775(G | A | 0.1621 | 4004 |
| 4 chrUn15.767(A | C | 0.3256 | 3990 |
| 4 chrUn15.764(A | C | 0.3914 | 3998 |
| 4 chrUn15.762(A | G | 0.4123 | 3970 |
| 4 chrUn15.757(G | A | 0.4059 | 3996 |
| 4 chrUn15.750(A | G | 0.4055 | 4002 |
| 4 chrUn15.744(G | A | 0.2569 | 3978 |
| 4 chrUn15.740(A | G | 0.2307 | 3684 |
| 4 chrUn15.737(A | G | 0.03264 | 3830 |
| 4 chrUn15.733(A | G | 0.2553 | 3996 |
| 4 chrUn15.725(A | G | 0.1392 | 3980 |
| 4 chrUn15.719(A | G | 0.1041 | 3996 |
| 4 chrUn15.714(A | G | 0.1854 | 4002 |
| 4 chrUn15.705(A | G | 0.2888 | 3670 |
| 4 chrUn15.703(C | A | 0.009804 | 3774 |
| 4 chrUn15.697(A | G | 0.1387 | 4008 |
| 4 chrUn15.695(C | A | 0.3026 | 3860 |
| 4 chrUn15.691(G | A | 0.3103 | 3970 |
| 4 chrUn15.689(C | A | 0.1303 | 3998 |
| 4 chrUn15.686(G | A | 0.4079 | 3994 |
| 4 chrUn15.677(A | G | 0.487 | 3994 |
| 4 chrUn15.674(G | A | 0.3387 | 3968 |
| 4 chrB1.860702 | 0 A | 0 | 3982 |
| 4 chrB1.860967G | A | 0.3104 | 3972 |
| 4 chrB1.861418G | A | 0.05664 | 4008 |
| 4 chrB1.861632G | A | 0.1429 | 3974 |
| 4 chrB1.862086G | A | 0.3333 | 3750 |
| 4 chrB1.862405A | G | 0.2073 | 3956 |
| 4 chrB1.862964A | G | 0.3394 | 3948 |
| 4 chrB1.863375A | G | 0.09011 | 4006 |
| 4 chrB1.863625G | A | 0.349 | 4006 |
| 4 chrB1.864703G | A | 0.3817 | 3998 |
| 4 chrB1.864405G | A | 0.136 | 3926 |
| 4 chrB1.865132A | G | 0.1007 | 3982 |
| 4 chrB1.865703A | C | 0.2701 | 4006 |
| 4 chrB1.866752G | A | 0.3145 | 3962 |
| 4 chrB1.867201A | C | 0.02697 | 4004 |
| 4 chrB1.86845(C | A | 0.3803 | 4002 |
| 4 chrB1.868945C | A | 0.4789 | 3974 |
| 4 chrA2.634287G | A | 0.09345 | 4002 |
| 4 chrB1.869361C | A | 0.4922 | 3958 |

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| 4 chrB1.869626A | G | 0.4297 | 3996 |
| 4 chrB1.869969A | G | 0.03795 | 3900 |
| 4 chrB1.870445A | G | 0.4619 | 3988 |
| 4 chrB1.871345A | G | 0.1097 | 3792 |
| 4 chrB1.871761A | G | 0.2598 | 3976 |
| 4 chrB1.872157G | A | 0.2116 | 3998 |
| 4 chrB1.872925C | A | 0.1734 | 3934 |
| 4 chrB1.873427A | G | 0.4461 | 4010 |
| 4 chrB1.874030A | G | 0.25 | 3952 |
| 4 chrB1.874392C | A | 0.3722 | 3984 |
| 4 chrB1.874832C | A | 0.4035 | 3998 |
| 4 chrB1.875292A | G | 0.06884 | 3966 |
| 4 chrB1.875702G | A | 0.01706 | 3928 |
| 4 chrB1.875784A | G | 0.02595 | 4008 |
| 4 chrB1.876404A | G | 0.4381 | 3894 |
| 4 chrB1.876832G | A | 0.1568 | 3960 |
| 4 chrB1.877271A | G | 0.2252 | 3984 |
| 4 chrB1.877545A | C | 0.3096 | 3960 |
| 4 chrB1.877792G | A | 0.443 | 3914 |
| 4 chrUn.562784G | A | 0.09655 | 3998 |
| 4 chrB1.878157G | A | 0.1111 | 4006 |
| 4 chrB1.878441G | A | 0.1583 | 3764 |
| 4 chrB1.878562A | G | 0.435 | 3874 |
| 4 chrB1.878924A | G | 0.09091 | 4004 |
| 4 chrB1.879425A | G | 0.02076 | 3998 |
| 4 chrB1.879794A | C | 0.2718 | 3996 |
| 4 chrB1.880298G | A | 0.188 | 4000 |
| 4 chrB1.880820G | A | 0.3332 | 3916 |
| 4 chrB1.881190G | A | 0.05999 | 3984 |
| 4 chrB1.881722G | A | 0.07895 | 3990 |
| 4 chrB1.882281A | G | 0.07025 | 4000 |
| 4 chrB1.882699A | G | 0.1303 | 4006 |
| 4 chrB1.883068A | G | 0.2185 | 3986 |
| 4 chrB1.883406G | A | 0.26 | 4008 |
| 4 chrB1.884015A | G | 0.3284 | 3962 |
| 4 chrB1.884894A | G | 0.2629 | 3998 |
| 4 chrB1.885180A | G | 0.4515 | 3996 |
| 4 chrB1.885366A | G | 0.3626 | 4004 |
| 4 chrB1.885417G | A | 0.3265 | 4000 |
| 4 chrB1.885759C | A | 0.2488 | 3850 |
| 4 chrB1.886349A | G | 0.4955 | 4008 |

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| 4 chrB1.886853G | A | 0.1875 | 3994 |
| 4 chrB1.887786A | C | 0.2048 | 3784 |
| 4 chrB1.888222A | G | 0.3327 | 4004 |
| 4 chrB1.888728A | G | 0.2235 | 4004 |
| 4 chrB1.889647A | G | 0.09089 | 3994 |
| 4 chrB1.889922A | C | 0.09511 | 4006 |
| 4 chrB1.891172A | G | 0.3686 | 4004 |
| 4 chrB1.891461G | A | 0.1284 | 3972 |
| 4 chrB1.891903G | A | 0.2766 | 3980 |
| 4 chrB1.892350C | A | 0.01707 | 3808 |
| 4 chrB1.892725A | G | 0.4273 | 3990 |
| 4 chrB1.893192A | G | 0.02004 | 3892 |
| 4 chrB1.894009G | A | 0.2729 | 3994 |
| 4 chrB1.894487A | G | 0.2776 | 3998 |
| 4 chrB1.895220A | G | 0.3185 | 3962 |
| 4 chrB1.895768G | A | 0.3711 | 4004 |
| 4 chrUn.689144A | G | 0.4409 | 3996 |
| 4 chrB1.896314A | G | 0.2611 | 4002 |
| 4 chrB1.896625G | A | 0.4474 | 3956 |
| 4 chrB1.897266A | C | 0.2058 | 3974 |
| 4 chrB1.897660G | A | 0.1934 | 3996 |
| 4 chrB1.897909A | C | 0.317 | 3846 |
| 4 chrB1.898438A | G | 0.1945 | 4006 |
| 4 chrB1.898746G | A | 0.1577 | 4008 |
| 4 chrB1.899020G | A | 0.4989 | 3734 |
| 4 chrB1.899328A | C | 0.06518 | 4004 |
| 4 chrB1.900088C | A | 0.2615 | 3984 |
| 4 chrB1.900720G | A | 0.3469 | 4004 |
| 4 chrUn.363340C | A | 0.4307 | 3984 |
| 4 chrB1.901394A | G | 0.06436 | 3962 |
| 4 chrB1.901663A | G | 0.1934 | 3862 |
| 4 chrB1.902376G | A | 0.1745 | 3988 |
| 4 chrB1.902661G | A | 0.08033 | 3996 |
| 4 chrB1.904013A | G | 0.1309 | 3996 |
| 4 chrB1.904401G | A | 0.1329 | 3994 |
| 4 chrB1.905184A | G | 0.169 | 4006 |
| 4 chrB1.905639A | G | 0.2708 | 3830 |
| 4 chrB1.907013G | A | 0.4085 | 3998 |
| 4 chrB1.907433A | G | 0.3343 | 4002 |
| 4 chrB1.907754G | A | 0.0485 | 4000 |
| 4 chrB1.908661A | C | 0.2805 | 3990 |

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| 4 chrB1.908678A | G | 0.2777 | 4000 |
| 4 chrB1.908679G | A | 0.02218 | 3922 |
| 4 chrB1.909119A | G | 0.3458 | 3970 |
| 4 chrB1.910150G | A | 0.2401 | 4006 |
| 4 chrB1.910436A | G | 0.065 | 4000 |
| 4 chrB1.911917A | G | 0.399 | 4000 |
| 4 chrB1.912941G | A | 0.09373 | 3990 |
| 4 chrB1.913370A | G | 0.4826 | 3974 |
| 4 chrB1.914067A | G | 0.3952 | 4000 |
| 4 chrB1.914308A | G | 0.1355 | 3992 |
| 4 chrB1.914683A | G | 0.2337 | 3804 |
| 4 chrB1.915407A | G | 0.4985 | 3998 |
| 4 chrB1.915728G | A | 0.1017 | 3748 |
| 4 chrB1.916349A | G | 0.2704 | 3976 |
| 4 chrB1.916810G | A | 0.1762 | 4002 |
| 4 chrB1.917310A | G | 0.2702 | 4008 |
| 4 chrB1.917469A | G | 0.2288 | 3776 |
| 4 chrB1.917730G | A | 0.413 | 3998 |
| 4 chrB1.918018A | G | 0.1657 | 3994 |
| 4 chrB1.918341G | A | 0.1204 | 3996 |
| 4 chrB1.919098G | A | 0.2722 | 4004 |
| 4 chrB1.919457G | A | 0.3903 | 3994 |
| 4 chrB1.920036G | A | 0.2595 | 4000 |
| 4 chrB1.920411A | C | 0.0141 | 3830 |
| 4 chrB1.920919A | G | 0.2982 | 3960 |
| 4 chrB1.921287C | A | 0.3921 | 3920 |
| 4 chrB1.921728G | A | 0.4765 | 3996 |
| 4 chrB1.922160A | G | 0.08471 | 4002 |
| 4 chrB1.922435A | C | 0.1312 | 4002 |
| 4 chrB1.922778C | A | 0.03555 | 3994 |
| 4 chrB1.923131A | G | 0.3504 | 4004 |
| 4 chrB1.923803G | A | 0.2877 | 3904 |
| 4 chrB1.924193C | A | 0.3336 | 3996 |
| 4 chrB1.924688A | C | 0.2967 | 3778 |
| 4 chrB1.924947A | C | 0.2235 | 4000 |
| 4 chrB1.925285C | A | 0.4632 | 3936 |
| 4 chrB1.925760G | A | 0.4136 | 3980 |
| 4 chrB1.926340G | A | 0.1599 | 4010 |
| 4 chrB1.926837A | G | 0.1532 | 3806 |
| 4 chrB1.927185C | A | 0.2567 | 3958 |
| 4 chrB1.927555A | G | 0.3817 | 3880 |

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| 4 chrB1.927941A | G | 0.1655 | 4006 |
| 4 chrB1.92879G | A | 0.05205 | 3900 |
| 4 chrB1.92903C | A | 0.3712 | 3998 |
| 4 chrB1.92931G | A | 0.4617 | 3990 |
| 4 chrB1.92975G | G | 0.06297 | 4002 |
| 4 chrB1.930321A | G | 0.1429 | 3974 |
| 4 chrB1.930721G | A | 0.4534 | 3990 |
| 4 chrB1.93142A | G | 0.128 | 3992 |
| 4 chrB1.931931G | A | 0.1277 | 3932 |
| 4 chrB1.93230G | G | 0.3102 | 3872 |
| 4 chrB1.93332C | G | 0.4227 | 3970 |
| 4 chrB1.93389A | G | 0.3302 | 3994 |
| 4 chrB1.934361G | A | 0.05816 | 4006 |
| 4 chrB1.93455C | A | 0.2444 | 3952 |
| 4 chrB1.93471G | G | 0.121 | 4000 |
| 4 chrB1.934957G | A | 0.3572 | 4006 |
| 4 chrB1.93533C | C | 0.4869 | 3894 |
| 4 chrB1.935641C | A | 0.4864 | 3968 |
| 4 chrB1.93607G | G | 0.01264 | 3796 |
| 4 chrB1.93656G | G | 0.2144 | 3984 |
| 4 chrB1.93699A | G | 0.1133 | 3884 |
| 4 chrB1.93776G | G | 0.09698 | 3970 |
| 4 chrB1.93860C | C | 0.3986 | 4004 |
| 4 chrB1.93909G | A | 0.3648 | 3846 |
| 4 chrB1.93954A | A | 0.07215 | 3950 |
| 4 chrB1.939847G | A | 0.315 | 4000 |
| 4 chrB1.94030G | A | 0.2033 | 4004 |
| 4 chrB1.94058A | A | 0.3446 | 3996 |
| 4 chrB1.94060A | G | 0.2552 | 4004 |
| 4 chrB1.94089A | G | 0.1414 | 3924 |
| 4 chrB1.94137G | A | 0.4879 | 3884 |
| 4 chrB1.94182A | G | 0.3727 | 3998 |
| 4 chrB1.94217G | A | 0.1907 | 4002 |
| 4 chrB1.94260G | G | 0.03766 | 4010 |
| 4 chrB1.94297G | G | 0.08525 | 4000 |
| 4 chrB1.94329C | A | 0.1134 | 3958 |
| 4 chrB1.943591A | G | 0.2894 | 3798 |
| 4 chrB1.94408A | A | 0.02426 | 3998 |
| 4 chrB1.94434A | G | 0.1892 | 4002 |
| 4 chrB1.94488G | G | 0.1457 | 3788 |
| 4 chrB1.94519G | G | 0.1742 | 3996 |

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| 4 chrB1.945728A | G | 0.4575 | 4002 |
| 4 chrB1.946267A | G | 0.04698 | 4002 |
| 4 chrB1.946526A | G | 0.1838 | 3972 |
| 4 chrB1.947458A | C | 0.3911 | 3996 |
| 4 chrB1.947790G | A | 0.4159 | 3982 |
| 4 chrB1.948173C | A | 0.4887 | 3998 |
| 4 chrB1.948620A | G | 0.4366 | 4006 |
| 4 chrB1.948995G | A | 0.4808 | 4000 |
| 4 chrB1.949807G | A | 0.2881 | 4006 |
| 4 chrB1.950834G | A | 0.2376 | 3998 |
| 4 chrB1.951272G | A | 0.4196 | 4004 |
| 4 chrB1.952096A | C | 0.4899 | 3948 |
| 4 chrB1.952758A | G | 0.392 | 3954 |
| 4 chrB1.953064A | G | 0.3756 | 3948 |
| 4 chrB1.953775A | G | 0.2139 | 3974 |
| 4 chrB1.955023A | G | 0.2623 | 3984 |
| 4 chrB1.955151G | A | 0.004745 | 4004 |
| 4 chrB1.955828A | G | 0.05803 | 3998 |
| 4 chrB1.956072C | A | 0.115 | 4008 |
| 4 chrB1.956711G | A | 0.03222 | 4004 |
| 4 chrB1.957111G | A | 0.2398 | 4008 |
| 4 chrB1.958135A | G | 0.008483 | 4008 |
| 4 chrB1.958843A | G | 0.01747 | 4008 |
| 4 chrB1.959106A | G | 0.2111 | 4002 |
| 4 chrB1.959366A | G | 0.07365 | 3856 |
| 4 chrB1.959857 | 0 A | 0 | 4010 |
| 4 chrB1.960414A | G | 0.355 | 4000 |
| 4 chrB1.960906A | G | 0.1457 | 3906 |
| 4 chrB1.961305A | G | 0.2944 | 4002 |
| 4 chrB1.961787A | C | 0.1364 | 4010 |
| 4 chrB1.962731G | A | 0.1068 | 3998 |
| 4 chrB1.963009A | C | 0.261 | 4000 |
| 4 chrB1.963550A | C | 0.191 | 4000 |
| 4 chrB1.963900G | A | 0.01873 | 4004 |
| 4 chrB1.964551A | G | 0.08481 | 3844 |
| 4 chrB1.964805A | G | 0.1586 | 3998 |
| 4 chrB1.965314A | G | 0.4193 | 4004 |
| 4 chrB1.965574C | A | 0.0357 | 4006 |
| 4 chrB1.965725A | G | 0.3446 | 3996 |
| 4 chrB1.966462A | G | 0.2418 | 3982 |
| 4 chrB1.966812A | G | 0.07829 | 3998 |

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| 4 chrB1.967150A | G | 0.09469 | 3992 |
| 4 chrB1.967591G | A | 0.3148 | 3996 |
| 4 chrB1.968095A | G | 0.3245 | 4000 |
| 4 chrB1.968491A | G | 0.4489 | 3992 |
| 4 chrB1.969171A | G | 0.2424 | 3964 |
| 4 chrB1.969485A | G | 0.4735 | 3960 |
| 4 chrB1.969845C | A | 0.2441 | 3966 |
| 4 chrB1.970434A | C | 0.03352 | 3998 |
| 4 chrB1.970766G | A | 0.0585 | 3966 |
| 4 chrB1.971095G | A | 0.06016 | 4006 |
| 4 chrB1.971511A | C | 0.4962 | 3992 |
| 4 chrB1.972090A | G | 0.2466 | 3852 |
| 4 chrB1.972525A | G | 0.06197 | 4002 |
| 4 chrB1.973546A | G | 0.002743 | 4010 |
| 4 chrB1.973745G | A | 0.04092 | 4008 |
| 4 chrB1.973796A | G | 0.23 | 3992 |
| 4 chrB1.974035A | G | 0.2771 | 4002 |
| 4 chrB1.974414A | G | 0.07089 | 4006 |
| 4 chrB1.974575G | A | 0.1848 | 3998 |
| 4 chrB1.974927G | A | 0.3687 | 3992 |
| 4 chrB1.975515G | A | 0.4243 | 4004 |
| 4 chrB1.975916A | G | 0.4713 | 4004 |
| 4 chrB1.976701G | A | 0.2058 | 3912 |
| 4 chrB1.977198G | A | 0.3712 | 4006 |
| 4 chrB1.977456G | A | 0.05919 | 4004 |
| 4 chrB1.977861A | G | 0.2583 | 3876 |
| 4 chrB1.978505G | A | 0.183 | 4006 |
| 4 chrB1.978904G | A | 0.3332 | 3842 |
| 4 chrB1.979634A | G | 0.4332 | 3998 |
| 4 chrB1.980076A | G | 0.1399 | 4010 |
| 4 chrB1.980364A | G | 0.2798 | 3978 |
| 4 chrB1.980844G | A | 0.02438 | 3978 |
| 4 chrB1.981545G | A | 0.2339 | 3994 |
| 4 chrB1.981357A | G | 0.1906 | 3930 |
| 4 chrB1.981921A | G | 0.03182 | 3740 |
| 4 chrB1.982177A | G | 0.3045 | 4000 |
| 4 chrB1.982695C | A | 0.4438 | 3952 |
| 4 chrB1.983054G | A | 0.309 | 4000 |
| 4 chrB1.983660G | A | 0.1976 | 3998 |
| 4 chrB1.983797A | G | 0.08575 | 4000 |
| 4 chrUn.490070C | A | 0.4751 | 3968 |

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| 4 chrB1.984402A | G | 0.1371 | 3998 |
| 4 chrB1.985113A | G | 0.3778 | 4002 |
| 4 chrB1.986185A | G | 0.3302 | 4010 |
| 4 chrB1.986654C | A | 0.283 | 4000 |
| 4 chrB1.987052G | A | 0.4458 | 4002 |
| 4 chrB1.987342A | G | 0.1317 | 3994 |
| 4 chrB1.987617A | G | 0.2105 | 3990 |
| 4 chrB1.988196G | A | 0.1408 | 3976 |
| 4 chrB1.988658A | G | 0.1662 | 3916 |
| 4 chrUn.462784G | A | 0.2324 | 3984 |
| 4 chrB1.990411A | G | 0.2879 | 3988 |
| 4 chrB1.991273G | A | 0.044 | 4000 |
| 4 chrB1.992237A | G | 0.4634 | 3988 |
| 4 chrB1.992572C | A | 0.4541 | 3988 |
| 4 chrB1.992907A | G | 0.4842 | 3992 |
| 4 chrB1.993386A | G | 0.09082 | 3876 |
| 4 chrB1.993668G | A | 0.4022 | 3946 |
| 4 chrB1.993916G | A | 0.3196 | 4002 |
| 4 chrB1.994404A | G | 0.1038 | 4006 |
| 4 chrB1.994698A | G | 0.4201 | 3906 |
| 4 chrB1.995383A | G | 0.01711 | 3974 |
| 4 chrB1.995746A | G | 0.1487 | 4002 |
| 4 chrB1.995889A | G | 0.1126 | 4004 |
| 4 chrB1.996323G | A | 0.05025 | 4000 |
| 4 chrB1.996599G | A | 0.3679 | 4004 |
| 4 chrB1.997126A | G | 0.224 | 3996 |
| 4 chrB1.997559A | G | 0.2222 | 3996 |
| 4 chrB1.998002G | A | 0.2705 | 4000 |
| 4 chrB1.998284G | A | 0.04616 | 4008 |
| 4 chrB1.998954G | A | 0.000999 | 4004 |
| 4 chrB1.999401G | A | 0.3432 | 3972 |
| 4 chrB1.999687G | A | 0.2595 | 3992 |
| 4 chrB1.100063G | A | 0.1607 | 3828 |
| 4 chrB1.100104A | G | 0.446 | 4002 |
| 4 chrB1.100153A | G | 0.4775 | 3948 |
| 4 chrB1.100201G | A | 0.1739 | 4008 |
| 4 chrB1.100261A | C | 0.2124 | 4006 |
| 4 chrB1.100292G | A | 0.2179 | 3984 |
| 4 chrB1.100367G | A | 0.006234 | 4010 |
| 4 chrB1.100419G | A | 0.4609 | 3994 |
| 4 chrB1.100518A | G | 0.1429 | 3996 |

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| 4 chrB1.100568G | A | 0.1212 | 4010 |
| 4 chrB1.100662C | A | 0.3441 | 3990 |
| 4 chrB1.100685A | G | 0.06169 | 4004 |
| 4 chrB1.100692A | G | 0.1192 | 4010 |
| 4 chrB1.100727C | A | 0.01233 | 3812 |
| 4 chrB1.100769C | A | 0.4463 | 4000 |
| 4 chrB1.100874A | G | 0.486 | 3794 |
| 4 chrB1.100927A | G | 0.01846 | 4008 |
| 4 chrB1.100970G | A | 0.3887 | 4006 |
| 4 chrB1.101003G | A | 0.2614 | 4006 |
| 4 chrB1.101061G | A | 0.4849 | 3986 |
| 4 chrB1.101115C | A | 0.2823 | 4000 |
| 4 chrB1.101167A | G | 0.08073 | 3716 |
| 4 chrB1.101216G | A | 0.0903 | 3998 |
| 4 chrB1.101275A | C | 0.4082 | 3998 |
| 4 chrB1.101316G | A | 0.4434 | 3996 |
| 4 chrB1.101355A | G | 0.1974 | 3936 |
| 4 chrB1.101464G | A | 0.146 | 3878 |
| 4 chrB1.101496A | C | 0.05369 | 3930 |
| 4 chrB1.101540A | G | 0.1877 | 3980 |
| 4 chrB1.101696G | A | 0.2913 | 3948 |
| 4 chrB1.101702C | A | 0.2348 | 4004 |
| 4 chrB1.101716G | A | 0.4162 | 3996 |
| 4 chrB1.101747G | A | 0.01524 | 4002 |
| 4 chrB1.101804A | G | 0.0015 | 4000 |
| 4 chrB1.101856A | G | 0.4498 | 4002 |
| 4 chrB1.101987A | G | 0.1889 | 3996 |
| 4 chrB1.102063A | G | 0.3805 | 4000 |
| 4 chrB1.102092G | A | 0.1371 | 3954 |
| 4 chrB1.102120C | A | 0.09239 | 3994 |
| 4 chrB1.102161C | A | 0.2128 | 3970 |
| 4 chrB1.102197G | A | 0.2556 | 4006 |
| 4 chrB1.102221G | A | 0.1546 | 3978 |
| 4 chrB1.102258G | A | 0.454 | 4000 |
| 4 chrB1.102307G | A | 0.2271 | 4002 |
| 4 chrB1.102336A | G | 0.1407 | 4008 |
| 4 chrB1.102376G | A | 0.1843 | 3982 |
| 4 chrB1.102420G | A | 0.287 | 3958 |
| 4 chrB1.102450A | G | 0.21 | 4000 |
| 4 chrB1.102479A | G | 0.3706 | 3996 |
| 4 chrB1.102510G | A | 0.3779 | 3990 |

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| 4 chrB1.102536C | A | 0.4018 | 3992 |
| 4 chrB1.102563G | A | 0.02172 | 4006 |
| 4 chrB1.102599A | C | 0.3501 | 4002 |
| 4 chrB1.102675C | A | 0.02624 | 4002 |
| 4 chrUn.403664A | C | 0.1796 | 3854 |
| 4 chrUn.592600A | G | 0.3929 | 4006 |
| 4 chrB1.102727A | G | 0.0265 | 4000 |
| 4 chrB1.102770A | G | 0.07096 | 3988 |
| 4 chrB1.102833G | A | 0.0689 | 4006 |
| 4 chrUn.721921A | G | 0.2186 | 3898 |
| 4 chrB1.102883G | A | 0.2965 | 3996 |
| 4 chrB1.102910A | G | 0.08516 | 4004 |
| 4 chrB1.102941G | A | 0.4698 | 4000 |
| 4 chrB1.102969C | A | 0.2023 | 4000 |
| 4 chrB1.103057A | G | 0.3922 | 4006 |
| 4 chrB1.103104A | G | 0.3343 | 3940 |
| 4 chrB1.103155A | G | 0.2141 | 3994 |
| 4 chrB1.103172A | G | 0.2587 | 4004 |
| 4 chrB1.103180A | G | 0.01116 | 3942 |
| 4 chrB1.103188A | G | 0.06216 | 4006 |
| 4 chrB1.103238G | A | 0.07318 | 4004 |
| 4 chrB1.103275A | G | 0.2001 | 3998 |
| 4 chrB1.103321A | G | 0.4315 | 4002 |
| 4 chrB1.103412G | A | 0.4185 | 3986 |
| 4 chrB1.103445G | A | 0.486 | 4004 |
| 4 chrB1.103487G | A | 0.2364 | 3994 |
| 4 chrB1.103516A | G | 0.225 | 3996 |
| 4 chrB1.103567G | A | 0.3671 | 4004 |
| 4 chrB1.103655A | G | 0.3794 | 3880 |
| 4 chrB1.103700A | G | 0.1088 | 4008 |
| 4 chrB1.103765A | G | 0.07343 | 3990 |
| 4 chrB1.103796C | A | 0.2262 | 3620 |
| 4 chrB1.103834A | G | 0.1151 | 3996 |
| 4 chrB1.103859A | G | 0.3959 | 3956 |
| 4 chrB1.103926A | G | 0.1444 | 4010 |
| 4 chrB1.103974G | A | 0.225 | 4000 |
| 4 chrB1.104040A | G | 0.1149 | 4002 |
| 4 chrB1.104068A | G | 0.2569 | 3998 |
| 4 chrB1.104102A | G | 0.006543 | 3974 |
| 4 chrB1.104126C | A | 0.2114 | 3998 |
| 4 chrB1.104163G | A | 0.1247 | 4000 |

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| 4 chrB1.104196A | C | 0.3361 | 3978 |
| 4 chrB1.104232C | A | 0.1855 | 3974 |
| 4 chrB1.104266G | A | 0.4863 | 3950 |
| 4 chrB1.104335A | G | 0.183 | 3972 |
| 4 chrB1.104369G | A | 0.06169 | 4004 |
| 4 chrB1.104395G | A | 0.4533 | 3942 |
| 4 chrB1.104451A | G | 0.1642 | 4002 |
| 4 chrB1.104497A | G | 0.1314 | 3996 |
| 4 chrB1.104555G | A | 0.3143 | 3996 |
| 4 chrB1.104605G | A | 0.2578 | 3996 |
| 4 chrB1.104645A | G | 0.2074 | 3862 |
| 4 chrB1.104699G | A | 0.2121 | 4008 |
| 4 chrB1.104761A | G | 0.2714 | 3990 |
| 4 chrB1.104852G | A | 0.306 | 4006 |
| 4 chrB1.104908G | A | 0.3591 | 4002 |
| 4 chrUn15.6694A | G | 0.2879 | 4008 |
| 4 chrUn15.6667A | G | 0.2273 | 4004 |
| 4 chrUn15.6639A | G | 0.4882 | 3972 |
| 4 chrUn15.6609G | A | 0.2531 | 3982 |
| 4 chrUn15.6577G | A | 0.2346 | 3998 |
| 4 chrUn15.6507G | A | 0.3633 | 4002 |
| 4 chrUn15.6459A | G | 0.03027 | 3964 |
| 4 chrUn15.6430G | A | 0.2193 | 3980 |
| 4 chrUn.52170(A | G | 0.2727 | 3836 |
| 4 chrUn15.6397A | G | 0.3607 | 3942 |
| 4 chrUn15.6367G | A | 0.2779 | 4002 |
| 4 chrUn15.6308A | G | 0.116 | 4000 |
| 4 chrUn15.6230G | A | 0.476 | 4006 |
| 4 chrUn19.4980A | G | 0.4617 | 4000 |
| 4 chrUn19.8808A | G | 0.0302 | 4006 |
| 4 chrUn19.1167G | A | 0.366 | 3932 |
| 4 chrUn19.1400A | G | 0.06016 | 4006 |
| 4 chrUn19.2059A | G | 0.378 | 3892 |
| 4 chrUn19.2859A | G | 0.0612 | 3938 |
| 4 chrD2.897216G | A | 0.2142 | 3992 |
| 4 chrUn19.3257G | A | 0.2782 | 3968 |
| 4 chrUn19.4037A | G | 0.222 | 3950 |
| 4 chrUn19.4534A | G | 0.2691 | 4006 |
| 4 chrUn19.4877G | A | 0.4467 | 3996 |
| 4 chrUn19.5157A | G | 0.2269 | 3998 |
| 4 chrUn19.5457A | G | 0.3547 | 3956 |

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| 4 chrUn19.576(C | A | 0.2321 | 3938 |
| 4 chrUn19.608(A | G | 0.4426 | 4008 |
| 4 chrUn19.641(C | A | 0.1633 | 4006 |
| 4 chrUn19.687(G | A | 0.2057 | 4006 |
| 4 chrUn19.797(A | G | 0.3157 | 4004 |
| 4 chrUn19.875(G | A | 0.1194 | 4004 |
| 4 chrUn19.902(A | G | 0.1488 | 3986 |
| 4 chrUn19.957(G | A | 0.02697 | 4004 |
| 4 chrUn19.103(G | A | 0.176 | 4006 |
| 4 chrUn19.106(G | A | 0.4849 | 3972 |
| 4 chrUn19.109(A | G | 0.2385 | 4004 |
| 4 chrUn19.115(A | G | 0.0634 | 3738 |
| 4 chrUn19.118(G | A | 0.09186 | 4006 |
| 4 chrB1.10496(C | A | 0.217 | 3958 |
| 4 chrB1.10503(A | G | 0.1807 | 3924 |
| 4 chrB1.10507(A | G | 0.4372 | 3952 |
| 4 chrB1.10511(A | G | 0.1734 | 4002 |
| 4 chrB1.10515(A | G | 0.003794 | 3954 |
| 4 chrB1.10518(G | A | 0.04046 | 4004 |
| 4 chrB1.10519(A | G | 0.09845 | 3880 |
| 4 chrB1.10522(G | A | 0.158 | 4006 |
| 4 chrB1.10526(A | G | 0.493 | 4004 |
| 4 chrB1.10528(A | G | 0.08787 | 4006 |
| 4 chrB1.10531(C | A | 0.3438 | 4002 |
| 4 chrB1.10536(A | G | 0.1513 | 4004 |
| 4 chrB1.10539(A | G | 0.2585 | 4004 |
| 4 chrB1.10542(G | A | 0.3551 | 4002 |
| 4 chrB1.10547(G | A | 0.2267 | 4006 |
| 4 chrB1.10552(A | G | 0.2768 | 3790 |
| 4 chrB1.10557(G | A | 0.4868 | 4004 |
| 4 chrB1.10567(G | A | 0.3552 | 4006 |
| 4 chrB1.10571(A | C | 0.2159 | 4006 |
| 4 chrB1.10578(G | A | 0.1599 | 4002 |
| 4 chrB1.10582(G | A | 0.2969 | 4008 |
| 4 chrB1.10587(A | C | 0.2664 | 3982 |
| 4 chrB1.10590(G | A | 0.1675 | 3994 |
| 4 chrB1.10598(A | G | 0.1975 | 4006 |
| 4 chrB1.10606(G | A | 0.1879 | 3980 |
| 4 chrB1.10614(A | C | 0.3666 | 4010 |
| 4 chrB1.10614 | 0 A | 0 | 4006 |
| 4 chrB1.10617(A | G | 0.1254 | 4010 |

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| 4 chrB1.106210A | G | 0.1478 | 4006 |
| 4 chrB1.106251A | C | 0.08462 | 4006 |
| 4 chrB1.106287G | A | 0.3847 | 4008 |
| 4 chrB1.106326A | C | 0.2783 | 3974 |
| 4 chrB1.106327A | G | 0.3851 | 3994 |
| 4 chrB1.106351G | A | 0.07696 | 4002 |
| 4 chrB1.807285G | A | 0.06868 | 4004 |
| 4 chrB1.106378A | G | 0.3154 | 4008 |
| 4 chrB1.106408A | G | 0.07542 | 4004 |
| 4 chrB1.106435G | A | 0.2295 | 4008 |
| 4 chrB1.106487A | G | 0.2298 | 4008 |
| 4 chrB1.106527A | G | 0.09639 | 3880 |
| 4 chrB1.106571A | G | 0.1709 | 3932 |
| 4 chrB1.106619G | A | 0.215 | 3996 |
| 4 chrB1.106655G | A | 0.3902 | 4006 |
| 4 chrB1.106695A | G | 0.4325 | 4002 |
| 4 chrB1.106719G | A | 0.162 | 4006 |
| 4 chrB1.106747C | A | 0.211 | 3952 |
| 4 chrB1.106775G | A | 0.2389 | 3934 |
| 4 chrB1.106809G | A | 0.1628 | 4006 |
| 4 chrB1.106859A | G | 0.07623 | 3988 |
| 4 chrB1.106886A | G | 0.3157 | 3988 |
| 4 chrB1.106941A | G | 0.02171 | 4008 |
| 4 chrB1.106968G | A | 0.1111 | 4006 |
| 4 chrB1.107016A | G | 0.2005 | 4004 |
| 4 chrB1.107059A | G | 0.09494 | 3876 |
| 4 chrB1.107112A | G | 0.01572 | 4008 |
| 4 chrUn.73729A | G | 0.1974 | 4002 |
| 4 chrB1.107169A | G | 0.07834 | 4008 |
| 4 chrB1.107287G | A | 0.336 | 3988 |
| 4 chrB1.107337G | A | 0.141 | 4000 |
| 4 chrB1.107367 | 0 G | 0 | 4010 |
| 4 chrB1.107374G | A | 0.2778 | 4006 |
| 4 chrB1.107401A | C | 0.2216 | 3858 |
| 4 chrB1.107468A | G | 0.1593 | 3992 |
| 4 chrB1.107501A | G | 0.07671 | 4002 |
| 4 chrB1.107537C | A | 0.3956 | 4004 |
| 4 chrB1.107591A | G | 0.3542 | 3998 |
| 4 chrB1.107617A | G | 0.4897 | 3988 |
| 4 chrB1.107644A | G | 0.4848 | 4004 |
| 4 chrB1.107688A | G | 0.3067 | 3984 |

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| 4 chrB1.107715A | G | 0.08797 | 3990 |
| 4 chrB1.107771A | G | 0.3346 | 4008 |
| 4 chrB1.108091G | A | 0.4353 | 4004 |
| 4 chrB1.108130G | A | 0.2061 | 4002 |
| 4 chrB1.108135C | A | 0.411 | 3888 |
| 4 chrB1.108165A | G | 0.268 | 3996 |
| 4 chrB1.108234A | G | 0.03145 | 4006 |
| 4 chrB1.108287A | G | 0.05617 | 4006 |
| 4 chrB1.108342 | 0 A | 0 | 3986 |
| 4 chrB1.108387A | G | 0.3096 | 3996 |
| 4 chrB1.108535G | A | 0.4589 | 3694 |
| 4 chrB1.108580G | A | 0.4882 | 3990 |
| 4 chrB1.108621G | A | 0.06203 | 3708 |
| 4 chrB1.108702A | G | 0.2029 | 3998 |
| 4 chrB1.108728C | A | 0.2383 | 3986 |
| 4 chrB1.108754A | G | 0.0257 | 3930 |
| 4 chrB1.108818G | A | 0.2779 | 4008 |
| 4 chrB1.108875A | G | 0.01672 | 4006 |
| 4 chrB1.108915C | A | 0.2948 | 4006 |
| 4 chrB1.108945G | A | 0.05389 | 4008 |
| 4 chrB1.108946 | 0 G | 0 | 4010 |
| 4 chrB1.108968G | A | 0.03148 | 4002 |
| 4 chrB1.108978A | G | 0.2705 | 4004 |
| 4 chrB1.109011A | G | 0.204 | 4000 |
| 4 chrB1.109036G | A | 0.0291 | 3780 |
| 4 chrB1.109065A | C | 0.3308 | 3954 |
| 4 chrB1.109101A | G | 0.3224 | 3896 |
| 4 chrB1.109126A | G | 0.466 | 3998 |
| 4 chrB1.109165G | A | 0.401 | 3990 |
| 4 chrB1.109219A | G | 0.3608 | 4000 |
| 4 chrB1.109275A | G | 0.2377 | 3954 |
| 4 chrB1.109319A | C | 0.2509 | 4010 |
| 4 chrB1.109387A | G | 0.06643 | 4004 |
| 4 chrB1.109421A | G | 0.4075 | 4002 |
| 4 chrB1.109491A | G | 0.2674 | 3986 |
| 4 chrB1.109506A | G | 0.0785 | 4000 |
| 4 chrB1.109519G | A | 0.02324 | 4002 |
| 4 chrB1.109618G | A | 0.02918 | 3872 |
| 4 chrB1.109626G | A | 0.2709 | 3990 |
| 4 chrB1.109654G | A | 0.2646 | 3998 |
| 4 chrB1.109687A | G | 0.3421 | 3978 |

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| 4 chrB1.109734C | A | 0.2773 | 3924 |
| 4 chrB1.109835G | A | 0.06275 | 4000 |
| 4 chrB1.109871C | A | 0.169 | 3994 |
| 4 chrB1.109982A | C | 0.07816 | 3992 |
| 4 chrB1.110038G | A | 0.01679 | 3752 |
| 4 chrB1.110143C | A | 0.27 | 3992 |
| 4 chrB1.110172G | A | 0.3267 | 3988 |
| 4 chrB1.110218A | G | 0.2404 | 4006 |
| 4 chrB1.110283A | G | 0.4463 | 4004 |
| 4 chrB1.110310A | G | 0.2559 | 4010 |
| 4 chrB1.110360G | A | 0.02095 | 4010 |
| 4 chrB1.110382G | A | 0.172 | 3972 |
| 4 chrB1.110436G | A | 0.3789 | 3998 |
| 4 chrB1.110491A | G | 0.02769 | 4008 |
| 4 chrB1.110568A | G | 0.01977 | 3996 |
| 4 chrB1.110597G | A | 0.4628 | 3920 |
| 4 chrB1.110692G | A | 0.4893 | 4002 |
| 4 chrB1.110735G | A | 0.2911 | 3998 |
| 4 chrB1.110781G | A | 0.3352 | 3962 |
| 4 chrB1.110812A | G | 0.4668 | 3976 |
| 4 chrB1.110866A | G | 0.03228 | 3996 |
| 4 chrB1.110895A | C | 0.01577 | 3994 |
| 4 chrB1.110940A | G | 0.1527 | 3844 |
| 4 chrUn.775167G | A | 0.1863 | 3912 |
| 4 chrB1.111008A | G | 0.1277 | 4010 |
| 4 chrB1.111039C | A | 0.2184 | 3992 |
| 4 chrB1.111063G | A | 0.1857 | 3952 |
| 4 chrB1.111103G | A | 0.35 | 4006 |
| 4 chrB1.111109G | A | 0.1391 | 3998 |
| 4 chrB1.111128G | A | 0.1562 | 4000 |
| 4 chrB1.111152A | G | 0.497 | 4004 |
| 4 chrB1.111195G | A | 0.1411 | 4010 |
| 4 chrB1.111239A | C | 0.3286 | 3956 |
| 4 chrB1.111269A | G | 0.1202 | 3818 |
| 4 chrB1.111301A | G | 0.02295 | 3834 |
| 4 chrB1.111341G | A | 0.4154 | 3816 |
| 4 chrB1.111424A | G | 0.3858 | 3930 |
| 4 chrB1.111454A | G | 0.131 | 3900 |
| 4 chrB1.111621C | A | 0.4487 | 3746 |
| 4 chrB1.111674A | G | 0.4185 | 3990 |
| 4 chrB1.111728G | A | 0.368 | 4008 |

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| 4 chrB1.111737A | G | 0.2636 | 4006 |
| 4 chrB1.111781A | G | 0.2559 | 3994 |
| 4 chrB1.111851A | C | 0.4936 | 3880 |
| 4 chrB1.111889G | A | 0.403 | 4000 |
| 4 chrB1.111929A | G | 0.002745 | 4008 |
| 4 chrB1.111968A | G | 0.1075 | 3992 |
| 4 chrB1.111994A | G | 0.2141 | 3896 |
| 4 chrB1.112039A | C | 0.1142 | 3810 |
| 4 chrB1.112080A | G | 0.2565 | 4000 |
| 4 chrB1.112106A | G | 0.01303 | 3838 |
| 4 chrUn.409829A | G | 0.1904 | 4008 |
| 4 chrB1.112148A | G | 0.3111 | 3950 |
| 4 chrB1.112196G | A | 0.4489 | 3992 |
| 4 chrB1.112239A | C | 0.1485 | 4006 |
| 4 chrB1.112271G | A | 0.1577 | 3926 |
| 4 chrB1.112304G | A | 0.4364 | 3898 |
| 4 chrB1.112331G | A | 0.01026 | 3998 |
| 4 chrB1.112356A | C | 0.3418 | 4002 |
| 4 chrB1.112424A | G | 0.003293 | 3948 |
| 4 chrB1.112429G | A | 0.2343 | 4000 |
| 4 chrB1.112489A | G | 0.01589 | 3838 |
| 4 chrB1.112526C | A | 0.1743 | 3994 |
| 4 chrB1.112551A | G | 0.2885 | 3820 |
| 4 chrB1.112602G | A | 0.1547 | 4008 |
| 4 chrB1.112631A | G | 0.1047 | 4002 |
| 4 chrB1.112689A | G | 0.2193 | 4000 |
| 4 chrA2.223528A | C | 0.2838 | 3844 |
| 4 chrB1.112739C | A | 0.02596 | 4006 |
| 4 chrB1.112779A | G | 0.298 | 3926 |
| 4 chrB1.112798G | A | 0.2008 | 3994 |
| 4 chrB1.112880A | G | 0.2185 | 4004 |
| 4 chrB1.112919A | C | 0.211 | 4000 |
| 4 chrB1.112950G | A | 0.2831 | 3946 |
| 4 chrB1.112999A | G | 0.09735 | 4006 |
| 4 chrB1.113042G | A | 0.2881 | 3968 |
| 4 chrB1.113068G | A | 0.474 | 3996 |
| 4 chrB1.113110G | A | 0.347 | 3980 |
| 4 chrB1.113152G | A | 0.3389 | 3992 |
| 4 chrB1.113214A | C | 0.4764 | 3980 |
| 4 chrB1.113269G | A | 0.4105 | 3990 |
| 4 chrB1.113354G | A | 0.1786 | 3992 |

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| 4 chrB1.113460A | C | 0.2008 | 4004 |
| 4 chrB1.113601A | G | 0.05517 | 4006 |
| 4 chrB1.113673A | G | 0.109 | 3990 |
| 4 chrB1.113708G | A | 0.003275 | 3970 |
| 4 chrUn.781574A | C | 0.106 | 4010 |
| 4 chrB1.113799G | A | 0.4487 | 3994 |
| 4 chrB1.113840G | A | 0.421 | 3998 |
| 4 chrB1.113882A | G | 0.1401 | 4004 |
| 4 chrB1.113929G | A | 0.1556 | 3998 |
| 4 chrB1.113953G | A | 0.1225 | 3926 |
| 4 chrB1.113997G | A | 0.2623 | 3968 |
| 4 chrB1.114076G | A | 0.02689 | 3830 |
| 4 chrB1.114206A | G | 0.472 | 4004 |
| 4 chrB1.114284A | G | 0.07409 | 3752 |
| 4 chrB1.114323G | A | 0.3662 | 3930 |
| 4 chrB1.114437G | A | 0.03072 | 3972 |
| 4 chrB1.114500A | G | 0.2095 | 4000 |
| 4 chrB1.114529A | G | 0.451 | 4000 |
| 4 chrB1.114579 | 0 G | 0 | 4010 |
| 4 chrB1.114580A | G | 0.2404 | 3956 |
| 4 chrB1.114638G | A | 0.1464 | 3906 |
| 4 chrB1.114674G | A | 0.2582 | 3974 |
| 4 chrB1.114716G | A | 0.08966 | 4004 |
| 4 chrB1.114781C | A | 0.4432 | 3996 |
| 4 chrB1.114827A | C | 0.4962 | 4000 |
| 4 chrB1.114865C | A | 0.1082 | 4002 |
| 4 chrB1.114894A | C | 0.03069 | 4008 |
| 4 chrB1.114930G | A | 0.3858 | 3984 |
| 4 chrE2.328516A | G | 0.4815 | 3940 |
| 4 chrB1.114997G | A | 0.498 | 3990 |
| 4 chrB1.115066A | G | 0.3628 | 3812 |
| 4 chrB1.115092G | A | 0.002745 | 4008 |
| 4 chrB1.115128A | G | 0.006238 | 4008 |
| 4 chrB1.115150A | G | 0.1711 | 3946 |
| 4 chrB1.115173G | A | 0.1793 | 3998 |
| 4 chrB1.115203A | G | 0.003244 | 4008 |
| 4 chrB1.115247C | A | 0.4643 | 4004 |
| 4 chrB1.115311G | A | 0.03552 | 3998 |
| 4 chrB1.115354G | A | 0.2117 | 3826 |
| 4 chrUn.743874A | G | 0.2348 | 4004 |
| 4 chrB1.115402A | G | 0.1567 | 4008 |

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| 4 chrB1.115436A | G | 0.1746 | 3980 |
| 4 chrB1.115479A | G | 0.2649 | 4006 |
| 4 chrB1.115518G | A | 0.2734 | 3972 |
| 4 chrB1.115593G | A | 0.254 | 4000 |
| 4 chrB1.115649A | G | 0.04988 | 4010 |
| 4 chrB1.115695G | A | 0.402 | 3998 |
| 4 chrB1.115802G | A | 0.1672 | 4008 |
| 4 chrB1.115860A | G | 0.3951 | 3984 |
| 4 chrB1.115928G | A | 0.3906 | 4004 |
| 4 chrB1.115955G | A | 0.1822 | 3918 |
| 4 chrB1.115980G | A | 0.02373 | 4004 |
| 4 chrB1.116008A | C | 0.1958 | 3954 |
| 4 chrB1.116033C | A | 0.3766 | 3986 |
| 4 chrUn.106071G | A | 0.00524 | 4008 |
| 4 chrB1.116058A | G | 0.005991 | 4006 |
| 4 chrB1.116066A | G | 0.435 | 3986 |
| 4 chrB1.116107G | A | 0.09481 | 4008 |
| 4 chrB1.116151A | G | 0.2227 | 3996 |
| 4 chrB1.116178A | G | 0.1124 | 3844 |
| 4 chrB1.116229A | G | 0.3431 | 4002 |
| 4 chrB1.116263C | A | 0.08629 | 3998 |
| 4 chrB1.116322A | G | 0.1652 | 3988 |
| 4 chrB1.116371A | G | 0.07204 | 3998 |
| 4 chrB1.116435A | C | 0.1802 | 3974 |
| 4 chrB1.116466A | G | 0.1743 | 4004 |
| 4 chrB1.116544G | A | 0.01999 | 4002 |
| 4 chrB1.116596G | A | 0.319 | 4006 |
| 4 chrB1.116651A | G | 0.2068 | 3902 |
| 4 chrB1.116686A | G | 0.1597 | 3988 |
| 4 chrB1.116738A | C | 0.3366 | 4002 |
| 4 chrB1.116807A | G | 0.2388 | 3744 |
| 4 chrB1.116858A | G | 0.2609 | 3894 |
| 4 chrB1.116883A | G | 0.2095 | 3990 |
| 4 chrB1.116919G | A | 0.4054 | 3986 |
| 4 chrB1.116980C | A | 0.06975 | 4000 |
| 4 chrB1.117054A | G | 0.2558 | 3858 |
| 4 chrB1.117096G | A | 0.3802 | 4000 |
| 4 chrB1.117155G | A | 0.08737 | 4006 |
| 4 chrB1.117198A | C | 0.2471 | 4006 |
| 4 chrB1.117236A | G | 0.01029 | 3984 |
| 4 chrB1.117332G | A | 0.2864 | 4002 |

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| 4 chrB1.117388G | A | 0.08224 | 3976 |
| 4 chrB1.117453G | A | 0.469 | 3972 |
| 4 chrB1.117480A | G | 0.3942 | 3980 |
| 4 chrB1.117508A | G | 0.3004 | 3988 |
| 4 chrB1.117586G | A | 0.3133 | 3942 |
| 4 chrB1.117633G | A | 0.2791 | 3998 |
| 4 chrB1.117671G | A | 0.318 | 4000 |
| 4 chrB1.117713C | A | 0.1113 | 3998 |
| 4 chrB1.117792A | G | 0.2647 | 3986 |
| 4 chrB1.117822A | G | 0.3252 | 4010 |
| 4 chrB1.117853C | A | 0.3928 | 4000 |
| 4 chrB1.117893A | G | 0.4497 | 3994 |
| 4 chrB1.117915A | G | 0.01856 | 3934 |
| 4 chrUn.40877G | A | 0.3475 | 4006 |
| 4 chrB1.117928A | C | 0.1259 | 4002 |
| 4 chrB1.117962G | A | 0.198 | 3984 |
| 4 chrB1.118023A | G | 0.3107 | 4004 |
| 4 chrB1.118060G | A | 0.4128 | 4004 |
| 4 chrB1.118084A | G | 0.2413 | 3974 |
| 4 chrB1.118110A | G | 0.2159 | 3984 |
| 4 chrB1.118158G | A | 0.2021 | 3984 |
| 4 chrB1.118289G | A | 0.308 | 3912 |
| 4 chrB1.118338A | G | 0.4682 | 3998 |
| 4 chrB1.118366G | A | 0.3348 | 3996 |
| 4 chrB1.118431G | A | 0.02151 | 3998 |
| 4 chrB1.118502G | A | 0.1959 | 3950 |
| 4 chrB1.118537G | A | 0.04824 | 3980 |
| 4 chrB1.118624A | G | 0.4389 | 3994 |
| 4 chrB1.118653G | A | 0.4794 | 3938 |
| 4 chrB1.118680A | G | 0.03167 | 4010 |
| 4 chrB1.118727G | A | 0.282 | 4004 |
| 4 chrB1.118755A | G | 0.2131 | 4002 |
| 4 chrB1.118791A | G | 0.3662 | 3992 |
| 4 chrB1.118823A | G | 0.2318 | 3964 |
| 4 chrB1.118848A | G | 0.2272 | 4000 |
| 4 chrB1.118888A | G | 0.4248 | 4004 |
| 4 chrB1.118945G | A | 0.04443 | 4006 |
| 4 chrB1.119001A | G | 0.04843 | 4006 |
| 4 chrB1.119038A | G | 0.209 | 4004 |
| 4 chrB1.119077G | A | 0.2103 | 3980 |
| 4 chrB1.119132G | A | 0.2471 | 3994 |

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| 4 chrB1.119157G | A | 0.222 | 3986 |
| 4 chrB1.119245C | A | 0.3862 | 3988 |
| 4 chrB1.119319C | A | 0.2089 | 3926 |
| 4 chrB1.119426A | G | 0.2385 | 3912 |
| 4 chrB1.119453G | A | 0.0004993 | 4006 |
| 4 chrB1.119457C | A | 0.05893 | 3988 |
| 4 chrB1.119562A | G | 0.2324 | 4002 |
| 4 chrB1.119622A | G | 0.4867 | 3992 |
| 4 chrB1.119700C | A | 0.2767 | 3990 |
| 4 chrB1.119794A | C | 0.158 | 3798 |
| 4 chrB1.119865G | A | 0.1668 | 3986 |
| 4 chrB1.119893G | A | 0.1528 | 3920 |
| 4 chrB1.119921A | C | 0.3543 | 3934 |
| 4 chrB1.119981G | A | 0.4706 | 3980 |
| 4 chrB1.120032G | A | 0.2035 | 4004 |
| 4 chrB1.120034A | C | 0.0007485 | 4008 |
| 4 chrB1.120087A | G | 0.1593 | 4004 |
| 4 chrB1.120195G | A | 0.2481 | 3862 |
| 4 chrB1.120259A | G | 0.2118 | 3970 |
| 4 chrB1.120314A | G | 0.3302 | 4010 |
| 4 chrB1.120373A | G | 0.09334 | 3996 |
| 4 chrB1.120378G | A | 0.1061 | 3808 |
| 4 chrUn.874306A | C | 0.3412 | 3816 |
| 4 chrB1.120424G | A | 0.2979 | 3998 |
| 4 chrB1.120496G | A | 0.3219 | 4008 |
| 4 chrB1.120565A | G | 0.1685 | 4000 |
| 4 chrB1.120602G | A | 0.2893 | 4010 |
| 4 chrB1.120658A | G | 0.3696 | 3994 |
| 4 chrB1.120711G | A | 0.1923 | 4000 |
| 4 chrB1.120742G | A | 0.2253 | 3954 |
| 4 chrB1.120780A | G | 0.1934 | 3950 |
| 4 chrB1.120826A | G | 0.4468 | 4004 |
| 4 chrB1.120876C | A | 0.372 | 3892 |
| 4 chrB1.120900G | A | 0.3149 | 3970 |
| 4 chrB1.120961G | A | 0.4815 | 4002 |
| 4 chrB1.121045G | A | 0.1875 | 4000 |
| 4 chrB1.121072G | A | 0.3831 | 3970 |
| 4 chrB1.121100A | G | 0.1983 | 4000 |
| 4 chrB1.121139A | C | 0.1756 | 3998 |
| 4 chrB1.121185A | C | 0.1501 | 3930 |
| 4 chrUn.543053G | A | 0.4736 | 3980 |

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| 4 chrB1.121252A | G | 0.01445 | 3946 |
| 4 chrB1.121267G | A | 0.3573 | 3972 |
| 4 chrB1.121325G | A | 0.02422 | 3964 |
| 4 chrB1.121386A | G | 0.354 | 3932 |
| 4 chrUn.15606A | G | 0.3608 | 3988 |
| 4 chrB1.121426A | C | 0.02402 | 3996 |
| 4 chrB1.121514A | G | 0.023 | 4000 |
| 4 chrB1.121553C | A | 0.1479 | 4004 |
| 4 chrB1.121591G | A | 0.3381 | 3940 |
| 4 chrB1.121621A | C | 0.366 | 4000 |
| 4 chrB1.121673A | G | 0.2349 | 3908 |
| 4 chrB1.121702A | G | 0.2068 | 3994 |
| 4 chrB1.121736A | G | 0.01971 | 3806 |
| 4 chrB1.121760G | A | 0.1602 | 4002 |
| 4 chrB1.121824C | A | 0.05092 | 4006 |
| 4 chrB1.121856A | G | 0.402 | 3958 |
| 4 chrB1.121912A | G | 0.1646 | 4004 |
| 4 chrB1.121988G | A | 0.09656 | 3956 |
| 4 chrB1.122031A | G | 0.4077 | 3998 |
| 4 chrB1.122056G | A | 0.1942 | 3980 |
| 4 chrB1.122074G | A | 0.02198 | 3776 |
| 4 chrB1.122082C | A | 0.1149 | 3950 |
| 4 chrUn.63769A | G | 0.1797 | 4000 |
| 4 chrB1.122188G | A | 0.337 | 4006 |
| 4 chrB1.122223G | A | 0.1475 | 3804 |
| 4 chrB1.122267A | G | 0.2015 | 3638 |
| 4 chrB1.122297A | G | 0.02559 | 3986 |
| 4 chrB1.122333A | G | 0.3591 | 3990 |
| 4 chrB1.122357A | G | 0.1015 | 4000 |
| 4 chrB1.122401C | A | 0.1449 | 4010 |
| 4 chrB1.122458G | A | 0.1975 | 3990 |
| 4 chrB1.122494C | A | 0.2468 | 4000 |
| 4 chrB1.122550C | A | 0.4122 | 3942 |
| 4 chrB1.122580A | G | 0.2272 | 4006 |
| 4 chrB1.122616A | G | 0.06772 | 4002 |
| 4 chrB1.122652A | C | 0.1142 | 3994 |
| 4 chrB1.122688C | A | 0.3554 | 3984 |
| 4 chrB1.122725G | A | 0.1007 | 3812 |
| 4 chrB1.122765A | G | 0.04873 | 4002 |
| 4 chrB1.122806G | A | 0.192 | 4006 |
| 4 chrB1.122863A | G | 0.253 | 4008 |

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| 4 chrB1.122945G | A | 0.2194 | 3998 |
| 4 chrB1.122996A | G | 0.2954 | 3968 |
| 4 chrB1.123021C | A | 0.1727 | 3984 |
| 4 chrB1.123058A | G | 0.1726 | 3992 |
| 4 chrB1.123095A | G | 0.1615 | 3728 |
| 4 chrB1.123229C | A | 0.09645 | 3940 |
| 4 chrB1.123301G | A | 0.2045 | 4000 |
| 4 chrB1.123337G | A | 0.3677 | 3992 |
| 4 chrB1.123374G | A | 0.06886 | 3950 |
| 4 chrB1.123458A | G | 0.4199 | 3922 |
| 4 chrB1.123490C | A | 0.2718 | 3996 |
| 4 chrB1.123495G | A | 0.02197 | 4006 |
| 4 chrB1.123539C | A | 0.3501 | 3948 |
| 4 chrB1.123552C | A | 0.4489 | 3974 |
| 4 chrB1.123575G | A | 0.1196 | 3988 |
| 4 chrB1.123645A | C | 0.2533 | 3948 |
| 4 chrB1.123780G | A | 0.4563 | 4002 |
| 4 chrB1.123814G | A | 0.183 | 4006 |
| 4 chrB1.123841A | C | 0.2302 | 4000 |
| 4 chrB1.123904A | G | 0.336 | 4006 |
| 4 chrB1.123929A | G | 0.3389 | 3986 |
| 4 chrB1.124018A | G | 0.1942 | 3960 |
| 4 chrB1.124060A | G | 0.3844 | 3978 |
| 4 chrB1.124086A | C | 0.1616 | 3948 |
| 4 chrB1.124114A | G | 0.3981 | 3996 |
| 4 chrB1.124178A | G | 0.4888 | 4000 |
| 4 chrB1.124216A | G | 0.1732 | 3950 |
| 4 chrB1.124251G | A | 0.05542 | 4006 |
| 4 chrB1.124298A | C | 0.2734 | 3932 |
| 4 chrB1.124341G | A | 0.2522 | 4000 |
| 4 chrB1.124366G | A | 0.1903 | 3998 |
| 4 chrB1.124399G | A | 0.02248 | 4004 |
| 4 chrB1.124430A | G | 0.4281 | 4006 |
| 4 chrB1.124467A | G | 0.491 | 3998 |
| 4 chrB1.124496A | C | 0.3423 | 3970 |
| 4 chrB1.124524G | A | 0.2961 | 4002 |
| 4 chrB1.124575A | G | 0.4326 | 3992 |
| 4 chrB1.124586A | G | 0.0885 | 4000 |
| 4 chrB1.124618A | G | 0.09651 | 4010 |
| 4 chrB1.124644A | G | 0.1561 | 4004 |
| 4 chrUn.633345C | A | 0.0974 | 3994 |

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| 4 chrB1.124681G | A | 0.09751 | 4010 |
| 4 chrB1.124818A | G | 0.04416 | 4008 |
| 4 chrB1.124878A | G | 0.1389 | 4004 |
| 4 chrB1.124941A | G | 0.3953 | 3984 |
| 4 chrB1.124941A | C | 0.3892 | 3692 |
| 4 chrB1.124989A | G | 0.1493 | 4006 |
| 4 chrB1.125017G | A | 0.01935 | 3980 |
| 4 chrB1.125041A | G | 0.01123 | 4008 |
| 4 chrB1.125089A | G | 0.1196 | 4006 |
| 4 chrB1.125137G | A | 0.2568 | 3664 |
| 4 chrB1.125179A | G | 0.4055 | 4002 |
| 4 chrB1.125247G | A | 0.4368 | 4004 |
| 4 chrB1.125279A | G | 0.4543 | 3898 |
| 4 chrB1.125317A | G | 0.2422 | 3980 |
| 4 chrB1.125338G | A | 0.05008 | 3974 |
| 4 chrB1.125377A | G | 0.1455 | 4006 |
| 4 chrB1.125416A | G | 0.04041 | 3910 |
| 4 chrUn.802007A | G | 0.4473 | 3926 |
| 4 chrB1.125441G | A | 0.1754 | 3990 |
| 4 chrB1.125518A | G | 0.05844 | 3970 |
| 4 chrB1.125535G | A | 0.1517 | 4000 |
| 4 chrB1.125568A | G | 0.03266 | 3888 |
| 4 chrB1.125601A | G | 0.06999 | 3986 |
| 4 chrB1.125698G | A | 0.3072 | 3968 |
| 4 chrB1.125740G | A | 0.05856 | 3996 |
| 4 chrB1.125741A | G | 0.06013 | 4008 |
| 4 chrB1.125820G | A | 0.3136 | 3992 |
| 4 chrB1.125849C | A | 0.4797 | 3998 |
| 4 chrB1.125879A | C | 0.4846 | 3960 |
| 4 chrB1.125935A | C | 0.4835 | 4004 |
| 4 chrB1.125997G | A | 0.08899 | 3978 |
| 4 chrB1.126029A | G | 0.2353 | 3676 |
| 4 chrUn.511237C | A | 0.003744 | 4006 |
| 4 chrB1.126091A | G | 0.09391 | 4004 |
| 4 chrB1.126137C | A | 0.0812 | 3990 |
| 4 chrB1.126167A | C | 0.003244 | 4008 |
| 4 chrB1.126189A | G | 0.4421 | 4006 |
| 4 chrB1.126236G | A | 0.003493 | 4008 |
| 4 chrB1.126291A | C | 0.4005 | 3958 |
| 4 chrB1.126339A | G | 0.01045 | 3924 |
| 4 chrB1.126370A | C | 0.1615 | 3982 |

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| 4 chrB1.126520G | A | 0.3186 | 3996 |
| 4 chrUn30.7821A | C | 0.1648 | 3902 |
| 4 chrB1.126547G | A | 0.2748 | 4006 |
| 4 chrB1.126600A | G | 0.2969 | 3998 |
| 4 chrB1.126631G | A | 0.1707 | 3966 |
| 4 chrC1.106297C | A | 0.3607 | 3998 |
| 4 chrB1.126685A | C | 0.4839 | 3980 |
| 4 chrB1.126709A | G | 0.1699 | 3850 |
| 4 chrB1.126771A | G | 0.4769 | 3978 |
| 4 chrB1.126811A | G | 0.3376 | 3916 |
| 4 chrB1.126872G | A | 0.1742 | 4002 |
| 4 chrB1.126921A | G | 0.1072 | 4000 |
| 4 chrB1.126996A | C | 0.4872 | 3752 |
| 4 chrB1.127113G | A | 0.4988 | 4004 |
| 4 chrB1.127032A | G | 0.4613 | 3984 |
| 4 chrUn.156081A | G | 0.1128 | 4006 |
| 4 chrB1.127067A | G | 0.1303 | 3854 |
| 4 chrB1.127206A | G | 0.234 | 4000 |
| 4 chrB1.127235A | G | 0.2923 | 3992 |
| 4 chrB1.127267A | G | 0.4952 | 4000 |
| 4 chrB1.127367A | G | 0.1888 | 3866 |
| 4 chrB1.127453G | A | 0.1256 | 4006 |
| 4 chrB1.127492 | 0 A | 0 | 4010 |
| 4 chrB1.127531G | A | 0.36 | 4000 |
| 4 chrB1.127615A | G | 0.4773 | 4008 |
| 4 chrB1.127644A | G | 0.123 | 4008 |
| 4 chrB1.127721A | C | 0.07788 | 4006 |
| 4 chrB1.127789A | C | 0.2113 | 4004 |
| 4 chrB1.127815A | G | 0.001498 | 4006 |
| 4 chrB1.127832A | C | 0.1769 | 3996 |
| 4 chrB1.127873A | G | 0.141 | 3964 |
| 4 chrB1.127905G | A | 0.1512 | 4000 |
| 4 chrB1.127978G | A | 0.4231 | 3990 |
| 4 chrB1.128000 | 0 G | 0 | 4010 |
| 4 chrB1.128011A | G | 0.4949 | 3894 |
| 4 chrB1.128064A | G | 0.06164 | 3764 |
| 4 chrB1.128109A | C | 0.4141 | 4004 |
| 4 chrB1.128144A | G | 0.2496 | 4002 |
| 4 chrB1.128190G | A | 0.1979 | 3976 |
| 4 chrB1.128225A | G | 0.09606 | 4008 |
| 4 chrB1.128265A | G | 0.2911 | 3964 |

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| 4 chrB1.128294G | A | 0.4297 | 3998 |
| 4 chrB1.128340C | A | 0.08502 | 3952 |
| 4 chrB1.128369A | G | 0.2751 | 3980 |
| 4 chrB1.128410A | G | 0.3005 | 4006 |
| 4 chrB1.128446G | A | 0.1246 | 3996 |
| 4 chrB1.128518G | A | 0.2632 | 4000 |
| 4 chrB1.128549A | G | 0.278 | 3978 |
| 4 chrB1.128585G | A | 0.305 | 3974 |
| 4 chrB1.128618A | G | 0.4066 | 3994 |
| 4 chrB1.128648G | A | 0.3498 | 3868 |
| 4 chrUn32.1559G | A | 0.3143 | 4002 |
| 4 chrB3.130447G | A | 0.4902 | 3982 |
| 4 chrUn32.1521G | A | 0.4456 | 4004 |
| 4 chrUn32.1491C | A | 0.192 | 3990 |
| 4 chrB1.128672A | C | 0.3676 | 3980 |
| 4 chrB1.128728G | A | 0.4478 | 4002 |
| 4 chrB1.128771G | A | 0.3006 | 4002 |
| 4 chrB1.128807G | A | 0.4779 | 3976 |
| 4 chrB1.128861G | A | 0.3183 | 3996 |
| 4 chrB1.128894G | A | 0.2685 | 4008 |
| 4 chrB1.129080C | A | 0.2221 | 3930 |
| 4 chrB1.129090G | A | 0.001498 | 4006 |
| 4 chrB1.129107A | G | 0.0537 | 4004 |
| 4 chrB1.129133A | G | 0.2923 | 4006 |
| 4 chrB1.129211A | G | 0.008312 | 3970 |
| 4 chrB1.129246C | A | 0.0002501 | 3998 |
| 4 chrB1.129278A | C | 0.02701 | 3962 |
| 4 chrB1.129367C | A | 0.1486 | 4010 |
| 4 chrB1.129399A | G | 0.1873 | 3978 |
| 4 chrB1.129430A | G | 0.2496 | 3802 |
| 4 chrB1.129498A | G | 0.03958 | 3840 |
| 4 chrB1.129536C | A | 0.197 | 4006 |
| 4 chrB1.129610G | A | 0.09102 | 3988 |
| 4 chrB1.129675C | A | 0.3778 | 3936 |
| 4 chrB1.129717G | A | 0.3372 | 3986 |
| 4 chrB1.129756A | G | 0.05166 | 3968 |
| 4 chrB1.129801A | G | 0.02646 | 4006 |
| 4 chrB1.129865A | G | 0.04294 | 3982 |
| 4 chrB1.129945A | C | 0.286 | 3968 |
| 4 chrB1.129970G | A | 0.299 | 4004 |
| 4 chrB1.130043A | G | 0.1825 | 4010 |

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| 4 chrB1.130007C | A | 0.4173 | 3894 |
| 4 chrB1.130151A | G | 0.45 | 4002 |
| 4 chrB1.130072A | C | 0.1239 | 3940 |
| 4 chrB1.130098A | G | 0.02775 | 4000 |
| 4 chrB1.130213A | G | 0.0004988 | 4010 |
| 4 chrB1.130306G | A | 0.02718 | 4010 |
| 4 chrB1.130346G | A | 0.1515 | 3636 |
| 4 chrB1.130417A | C | 0.1656 | 4004 |
| 4 chrB1.130444A | G | 0.4848 | 3872 |
| 4 chrB1.130451G | A | 0.391 | 4008 |
| 4 chrB1.130480A | G | 0.2449 | 4006 |
| 4 chrB1.130524A | G | 0.3997 | 3928 |
| 4 chrB1.130550A | C | 0.2705 | 3996 |
| 4 chrB1.130575G | A | 0.3912 | 4000 |
| 4 chrB1.130602A | G | 0.2419 | 4002 |
| 4 chrB1.130627A | G | 0.3094 | 4008 |
| 4 chrB1.130680A | C | 0.1541 | 4004 |
| 4 chrB1.130717G | A | 0.262 | 4008 |
| 4 chrB1.130801A | G | 0.3026 | 3856 |
| 4 chrX.1087368A | G | 0.1061 | 3712 |
| 4 chrB1.130825G | A | 0.424 | 3932 |
| 4 chrB1.130875G | A | 0.4302 | 3984 |
| 4 chrB1.130921A | C | 0.2148 | 3990 |
| 4 chrB1.130971A | G | 0.1562 | 4002 |
| 4 chrB1.131040C | A | 0.4682 | 3894 |
| 4 chrB1.131104C | A | 0.3541 | 3914 |
| 4 chrB1.131106A | G | 0.1824 | 3942 |
| 4 chrB1.131188A | G | 0.134 | 3984 |
| 4 chrB1.131244G | A | 0.3369 | 3980 |
| 4 chrB1.131275A | C | 0.317 | 3978 |
| 4 chrB1.131343A | G | 0.4238 | 3990 |
| 4 chrB1.131389G | A | 0.4682 | 3926 |
| 4 chrB1.131433G | A | 0.4854 | 3966 |
| 4 chrB1.131471C | A | 0.2391 | 3990 |
| 4 chrB1.131516G | A | 0.4847 | 3980 |
| 4 chrB1.131573G | A | 0.1791 | 3986 |
| 4 chrB1.131607G | A | 0.3233 | 3962 |
| 4 chrB1.131647G | A | 0.08671 | 4002 |
| 4 chrB1.132278G | A | 0.05195 | 4004 |
| 4 chrB1.131769G | A | 0.1868 | 3988 |
| 4 chrB1.132114A | C | 0.03115 | 3884 |

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| 4 chrB1.132082G | A | 0.3153 | 3892 |
| 4 chrB1.132063A | G | 0.3289 | 3758 |
| 4 chrB1.132031A | G | 0.2083 | 3936 |
| 4 chrB1.131993A | C | 0.1751 | 3992 |
| 4 chrB1.131954A | C | 0.2925 | 3996 |
| 4 chrB1.131922A | C | 0.03035 | 3954 |
| 4 chrB1.131824G | A | 0.149 | 3972 |
| 4 chrB1.131864G | A | 0.04429 | 3838 |
| 4 chrB1.132180G | A | 0.202 | 4000 |
| 4 chrB1.132224A | G | 0.147 | 3796 |
| 4 chrB1.132319A | G | 0.2195 | 4004 |
| 4 chrB1.132354G | A | 0.4698 | 4002 |
| 4 chrB1.132396G | A | 0.4951 | 3912 |
| 4 chrB1.132469G | A | 0.4042 | 3988 |
| 4 chrB1.132517A | G | 0.008785 | 3984 |
| 4 chrB1.132561G | A | 0.3247 | 3988 |
| 4 chrB1.132609A | G | 0.4715 | 3996 |
| 4 chrB1.132676A | G | 0.4112 | 3986 |
| 4 chrB1.132713A | G | 0.2518 | 3920 |
| 4 chrB1.132771G | A | 0.3342 | 3986 |
| 4 chrB1.132801G | A | 0.07161 | 3966 |
| 4 chrB1.132837G | A | 0.07534 | 3982 |
| 4 chrB1.132863G | A | 0.07744 | 3990 |
| 4 chrB1.132906A | G | 0.3939 | 3884 |
| 4 chrB1.132939G | A | 0.2637 | 3990 |
| 4 chrB1.132961A | G | 0.3471 | 4002 |
| 4 chrB1.133040G | A | 0.4803 | 3968 |
| 4 chrB1.133088C | A | 0.4873 | 3936 |
| 4 chrB1.133131 | 0 A | 0 | 4010 |
| 4 chrB1.133132A | G | 0.4254 | 3952 |
| 4 chrB1.133219G | A | 0.3277 | 3994 |
| 4 chrB1.133246G | A | 0.05038 | 3712 |
| 4 chrB1.133293A | G | 0.4672 | 3996 |
| 4 chrB1.133333A | G | 0.09127 | 4010 |
| 4 chrB1.133372A | G | 0.3114 | 3902 |
| 4 chrB1.133470G | A | 0.2727 | 3994 |
| 4 chrB1.133548G | A | 0.4534 | 3930 |
| 4 chrB1.133599G | A | 0.1139 | 3678 |
| 4 chrB1.133626G | A | 0.07125 | 3930 |
| 4 chrB1.133707G | A | 0.2655 | 3996 |
| 4 chrB1.133739G | A | 0.3075 | 3984 |

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| 4 chrB1.133768G | A | 0.4771 | 3974 |
| 4 chrB1.133804A | G | 0.2981 | 3932 |
| 4 chrB1.133834A | G | 0.1563 | 4006 |
| 4 chrB1.133915A | G | 0.4562 | 3928 |
| 4 chrB1.133976A | G | 0.06914 | 3992 |
| 4 chrB1.134023A | G | 0.4161 | 3992 |
| 4 chrB1.134032G | A | 0.3054 | 4004 |
| 4 chrB1.134097C | A | 0.1551 | 3900 |
| 4 chrB1.134149G | A | 0.3608 | 4000 |
| 4 chrB1.134189G | A | 0.1307 | 3994 |
| 4 chrB1.134189 | 0 A | 0 | 4010 |
| 4 chrB1.134366C | A | 0.3046 | 3962 |
| 4 chrB1.134443G | A | 0.1229 | 3898 |
| 4 chrB1.134468A | G | 0.3138 | 3990 |
| 4 chrB1.134548G | A | 0.1987 | 3996 |
| 4 chrB1.134575A | G | 0.2486 | 3994 |
| 4 chrB1.134609C | A | 0.07916 | 3916 |
| 4 chrB1.134657A | G | 0.2482 | 3808 |
| 4 chrB1.134682A | G | 0.02645 | 4008 |
| 4 chrB1.134734G | A | 0.1662 | 3928 |
| 4 chrB1.134777C | A | 0.2142 | 4006 |
| 4 chrB1.134804A | G | 0.4186 | 4006 |
| 4 chrA2.678219C | A | 0.3863 | 3968 |
| 4 chrB1.134833A | G | 0.1405 | 4000 |
| 4 chrB1.134856A | G | 0.2092 | 3934 |
| 4 chrB1.134902A | G | 0.2515 | 3884 |
| 4 chrB1.134931A | G | 0.06765 | 4006 |
| 4 chrB1.135015G | A | 0.0982 | 4002 |
| 4 chrB1.135064G | A | 0.4568 | 3982 |
| 4 chrB1.135091G | A | 0.02906 | 3992 |
| 4 chrB1.135115C | A | 0.3365 | 3834 |
| 4 chrB1.135143G | A | 0.3009 | 3992 |
| 4 chrB1.135203A | G | 0.2103 | 3946 |
| 4 chrB1.135247A | G | 0.1298 | 3976 |
| 4 chrB1.135315G | A | 0.002993 | 4010 |
| 4 chrB1.135355T | A | 0.1145 | 3964 |
| 4 chrB1.135379A | G | 0.4584 | 3990 |
| 4 chrB1.135412G | A | 0.3983 | 3994 |
| 4 chrB1.135437G | A | 0.3899 | 3980 |
| 4 chrB1.135462G | A | 0.1095 | 4000 |
| 4 chrB1.135470G | A | 0.002994 | 4008 |

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| 4 chrB1.135506A | C | 0.2459 | 3912 |
| 4 chrB1.135560A | G | 0.4777 | 3998 |
| 4 chrB1.135598G | A | 0.1556 | 4010 |
| 4 chrB1.135657A | G | 0.07539 | 4006 |
| 4 chrB1.135657A | G | 0.4108 | 4004 |
| 4 chrB1.135691A | G | 0.06153 | 3998 |
| 4 chrC2.417111A | G | 0.08626 | 3930 |
| 4 chrB1.135772A | G | 0.1775 | 3972 |
| 4 chrB1.135815G | A | 0.45 | 3982 |
| 4 chrB1.135845G | A | 0.08034 | 4008 |
| 4 chrB1.135884C | A | 0.2276 | 4002 |
| 4 chrB1.135925G | A | 0.3069 | 3988 |
| 4 chrUn.391637A | C | 0.3064 | 3982 |
| 4 chrB1.135950G | A | 0.1844 | 4008 |
| 4 chrB1.135987G | A | 0.1918 | 3910 |
| 4 chrE3.435857A | C | 0.1726 | 3940 |
| 4 chrB1.136018A | G | 0.0991 | 3996 |
| 4 chrB1.136059G | A | 0.3127 | 3994 |
| 4 chrB1.136129C | A | 0.1094 | 4002 |
| 4 chrB1.136176A | G | 0.05852 | 3742 |
| 4 chrB1.136210A | G | 0.1504 | 4008 |
| 4 chrB1.136275C | A | 0.05073 | 3982 |
| 4 chrB1.136305A | G | 0.06483 | 3964 |
| 4 chrB1.136322G | A | 0.3808 | 3984 |
| 4 chrB1.136372G | A | 0.1206 | 3998 |
| 4 chrB1.136435A | G | 0.4614 | 3992 |
| 4 chrB1.136479A | G | 0.2689 | 3990 |
| 4 chrB1.136525A | G | 0.09102 | 3922 |
| 4 chrB1.136547G | A | 0.2314 | 4002 |
| 4 chrB1.136589G | A | 0.4561 | 3986 |
| 4 chrB1.136641A | G | 0.0697 | 3960 |
| 4 chrB1.136734G | A | 0.0902 | 3980 |
| 4 chrB1.136787G | A | 0.4955 | 4002 |
| 4 chrB1.136895A | C | 0.4928 | 4006 |
| 4 chrB1.136922C | A | 0.1819 | 4002 |
| 4 chrB1.136946G | A | 0.499 | 3996 |
| 4 chrB1.136971G | A | 0.3612 | 3998 |
| 4 chrB1.136978G | A | 0.1254 | 4002 |
| 4 chrB1.137019G | A | 0.3129 | 4004 |
| 4 chrB1.137069A | G | 0.461 | 4002 |
| 4 chrB1.137111G | A | 0.4233 | 3822 |

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| 4 chrB1.137175G | A | 0.1038 | 3998 |
| 4 chrB1.137224G | A | 0.1778 | 3982 |
| 4 chrB1.137295A | G | 0.1044 | 4002 |
| 4 chrB1.137321A | G | 0.1257 | 3970 |
| 4 chrUn.670461A | G | 0.4665 | 3996 |
| 4 chrB1.137354G | A | 0.2339 | 3972 |
| 4 chrB1.137384A | G | 0.1918 | 4004 |
| 4 chrB1.137422A | G | 0.1169 | 3952 |
| 4 chrB1.137446A | G | 0.3085 | 4000 |
| 4 chrB1.137480C | A | 0.07221 | 4002 |
| 4 chrB1.137565A | G | 0.3686 | 3972 |
| 4 chrB1.137657A | G | 0.1255 | 3840 |
| 4 chrB1.137777G | A | 0.06333 | 3632 |
| 4 chrB1.137890A | C | 0.1076 | 4004 |
| 4 chrB1.137931G | A | 0.2358 | 3986 |
| 4 chrB1.137975A | C | 0.178 | 3814 |
| 4 chrB1.138006G | A | 0.1166 | 4004 |
| 4 chrB1.138137G | A | 0.3261 | 3980 |
| 4 chrB1.138167G | A | 0.1289 | 3950 |
| 4 chrB1.138197C | A | 0.04175 | 3856 |
| 4 chrB1.138235G | A | 0.1001 | 4004 |
| 4 chrB1.138310A | G | 0.3745 | 3712 |
| 4 chrB1.138359C | A | 0.08558 | 4008 |
| 4 chrB1.138386C | A | 0.321 | 3894 |
| 4 chrB1.138445A | G | 0.1881 | 4004 |
| 4 chrB1.138467C | A | 0.07482 | 3996 |
| 4 chrB1.138538A | C | 0.02123 | 4004 |
| 4 chrB1.138580G | A | 0.2665 | 3996 |
| 4 chrB1.138615A | G | 0.1118 | 4000 |
| 4 chrB1.138646C | A | 0.472 | 4000 |
| 4 chrB1.138691A | G | 0.1034 | 3880 |
| 4 chrB1.138767G | A | 0.3186 | 3996 |
| 4 chrB1.119650A | C | 0.3732 | 3976 |
| 4 chrB1.138840A | G | 0.2793 | 3988 |
| 4 chrB1.138875G | A | 0.3478 | 3988 |
| 4 chrB1.138920G | A | 0.01722 | 4006 |
| 4 chrB1.138955G | A | 0.3873 | 3974 |
| 4 chrB1.139004C | A | 0.4621 | 3980 |
| 4 chrB1.139041A | G | 0.1305 | 3970 |
| 4 chrB1.139072G | A | 0.3966 | 3966 |
| 4 chrB1.139118A | G | 0.1348 | 3984 |

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| 4 chrB1.139137G | A | 0.3273 | 4002 |
| 4 chrB1.139150G | A | 0.4385 | 3982 |
| 4 chrB1.139207G | A | 0.4757 | 3908 |
| 4 chrB1.139243G | A | 0.196 | 3944 |
| 4 chrB1.139277C | A | 0.474 | 3994 |
| 4 chrB1.139317G | A | 0.1867 | 4002 |
| 4 chrB1.139343G | A | 0.4583 | 4004 |
| 4 chrB1.139372A | G | 0.1993 | 4000 |
| 4 chrB1.139427G | A | 0.1846 | 3998 |
| 4 chrB1.139461G | A | 0.03817 | 4008 |
| 4 chrB1.139487G | A | 0.3646 | 3996 |
| 4 chrB1.139518A | G | 0.1716 | 3998 |
| 4 chrB1.139582G | A | 0.4627 | 4000 |
| 4 chrB1.139638A | G | 0.03397 | 4004 |
| 4 chrB1.139674G | A | 0.4365 | 3984 |
| 4 chrB1.139710G | A | 0.3508 | 3988 |
| 4 chrB1.139865A | G | 0.1337 | 4002 |
| 4 chrB1.139894G | A | 0.2774 | 3976 |
| 4 chrB1.139927G | A | 0.4763 | 4000 |
| 4 chrB1.139985G | A | 0.378 | 4008 |
| 4 chrB1.140018C | A | 0.04429 | 3816 |
| 4 chrB1.140111A | G | 0.04358 | 3970 |
| 4 chrB1.140179A | G | 0.4934 | 3960 |
| 4 chrB1.140226G | A | 0.4682 | 3936 |
| 4 chrB1.140254A | G | 0.06964 | 3992 |
| 4 chrB1.140312G | A | 0.3198 | 4006 |
| 4 chrB1.140421A | G | 0.0154 | 3960 |
| 4 chrB1.140457A | G | 0.1961 | 3982 |
| 4 chrB1.140499A | G | 0.04096 | 4004 |
| 4 chrUn.697601A | G | 0.1924 | 3996 |
| 4 chrUn.697624A | G | 0.01595 | 3886 |
| 4 chrB1.140524A | G | 0.02273 | 4004 |
| 4 chrB1.140549A | C | 0.3509 | 3990 |
| 4 chrB1.140587A | G | 0.0533 | 3996 |
| 4 chrB1.140636A | G | 0.08213 | 4006 |
| 4 chrB1.140683G | A | 0.03446 | 3976 |
| 4 chrB1.140785G | A | 0.018 | 4000 |
| 4 chrB1.140811G | A | 0.4461 | 3936 |
| 4 chrB1.140862A | C | 0.08396 | 4002 |
| 4 chrB1.140928A | G | 0.3575 | 4000 |
| 4 chrB1.141004G | A | 0.4712 | 3960 |

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| 4 chrB1.141047A | G | 0.2135 | 4004 |
| 4 chrB1.141086A | G | 0.2985 | 4004 |
| 4 chrB1.141115G | A | 0.4863 | 4002 |
| 4 chrB1.141141G | A | 0.137 | 4008 |
| 4 chrB1.141166A | C | 0.2761 | 3998 |
| 4 chrB1.141177G | A | 0.3478 | 4000 |
| 4 chrB1.141240A | C | 0.2387 | 3996 |
| 4 chrB1.141270A | C | 0.005988 | 4008 |
| 4 chrB1.141305G | A | 0.4402 | 3960 |
| 4 chrB1.141366C | A | 0.3982 | 4006 |
| 4 chrB1.141400A | C | 0.2993 | 4000 |
| 4 chrB1.141425A | G | 0.4102 | 3998 |
| 4 chrB1.141456C | A | 0.1203 | 4006 |
| 4 chrB1.141487A | G | 0.1209 | 3812 |
| 4 chrB1.141518A | G | 0.2708 | 3944 |
| 4 chrE1.672136G | A | 0.4108 | 3980 |
| 4 chrE1.672956G | A | 0.2523 | 3960 |
| 4 chrE1.673745G | A | 0.06369 | 4004 |
| 4 chrE1.674999G | A | 0.3147 | 3988 |
| 4 chrB1.141705A | C | 0.3122 | 3968 |
| 4 chrE1.675557G | A | 0.2473 | 3934 |
| 4 chrE1.676014A | G | 0.1717 | 3960 |
| 4 chrE1.676512A | G | 0.1783 | 3942 |
| 4 chrB1.141774A | G | 0.3459 | 4004 |
| 4 chrE1.677414G | A | 0.3917 | 3942 |
| 4 chrE1.677714C | A | 0.4781 | 3798 |
| 4 chrB1.141860T | A | 0.07172 | 3974 |
| 4 chrE1.679225G | A | 0.0212 | 4010 |
| 4 chrE1.679727A | G | 0.1653 | 4006 |
| 4 chrE1.681011A | G | 0.0002494 | 4010 |
| 4 chrE1.681228A | G | 0.1757 | 4002 |
| 4 chrE1.682334G | A | 0.1156 | 3798 |
| 4 chrE1.683480A | C | 0.423 | 4002 |
| 4 chrE1.683800G | A | 0.02843 | 3904 |
| 4 chrB1.142115G | A | 0.1469 | 4010 |
| 4 chrE1.684725C | A | 0.1372 | 4002 |
| 4 chrB1.142198G | A | 0.4134 | 3982 |
| 4 chrE1.686152A | G | 0.154 | 4006 |
| 4 chrE1.687136A | C | 0.1554 | 4010 |
| 4 chrE1.687621A | G | 0.02618 | 4010 |
| 4 chrE1.689511G | A | 0.05283 | 3994 |

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| 4 chrA1.44173(A | G | 0.3129 | 3902 |
| 4 chrE1.69041(C | A | 0.4351 | 3992 |
| 4 chrB1.14244(A | G | 0.08523 | 3860 |
| 4 chrE1.69194(A | A | 0.1426 | 4004 |
| 4 chrB1.14253(A | A | 0.397 | 3766 |
| 4 chrE1.69300(A | G | 0.06388 | 3992 |
| 4 chrB1.14256(A | G | 0.04239 | 4010 |
| 4 chrE1.69363(A | G | 0.03399 | 3972 |
| 4 chrE1.69416(A | G | 0.02909 | 3816 |
| 4 chrB1.14264(A | G | 0.1512 | 3836 |
| 4 chrE1.69522(A | C | 0.1144 | 4004 |
| 4 chrE1.69555(A | G | 0.2762 | 3994 |
| 4 chrB1.14273(A | G | 0.3372 | 3992 |
| 4 chrE1.69673(A | G | 0.07562 | 3954 |
| 4 chrB4.58467(A | G | 0.1153 | 3980 |
| 4 chrB1.14276(A | A | 0.1248 | 4006 |
| 4 chrB1.14278(A | A | 0.2201 | 3984 |
| 4 chrB1.14282(A | A | 0.01174 | 4002 |
| 4 chrB1.14283(A | A | 0.1962 | 4002 |
| 4 chrB1.14286(A | A | 0.2086 | 4008 |
| 4 chrB1.14291(A | C | 0.1126 | 3986 |
| 4 chrB1.14298(A | A | 0.01673 | 4004 |
| 4 chrB1.14306(A | G | 0.1248 | 3982 |
| 4 chrB1.14313(A | A | 0.4557 | 3948 |
| 4 chrB1.14316(A | A | 0.4935 | 4004 |
| 4 chrB1.14326(A | G | 0.0986 | 3996 |
| 4 chrB1.14329(A | G | 0.2901 | 3998 |
| 4 chrB1.14338(A | G | 0.1168 | 4000 |
| 4 chrB1.14341(A | A | 0.3373 | 3976 |
| 4 chrB1.14344(A | C | 0.1326 | 3998 |
| 4 chrB1.14360(A | G | 0.01696 | 4010 |
| 4 chrB1.14383(A | A | 0.01174 | 4004 |
| 4 chrB1.14391(A | A | 0.2251 | 3998 |
| 4 chrB1.14396(A | A | 0.41 | 4002 |
| 4 chrB1.14400(A | A | 0.2655 | 4000 |
| 4 chrB1.14405(A | A | 0.2754 | 4002 |
| 4 chrB1.14413(A | A | 0.4679 | 3926 |
| 4 chrB1.14418(A | G | 0.2982 | 3994 |
| 4 chrB1.14423(A | G | 0.2212 | 3996 |
| 4 chrB1.14427(A | A | 0.4652 | 3992 |
| 4 chrB1.14434(A | A | 0.02374 | 4002 |

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|-----------------|---|----------|------|
| 4 chrB1.144389G | A | 0.3895 | 3756 |
| 4 chrB1.144421A | G | 0.1679 | 3966 |
| 4 chrB1.144504G | A | 0.17 | 3982 |
| 4 chrB1.144553C | A | 0.4721 | 3902 |
| 4 chrB1.144584A | G | 0.05497 | 4002 |
| 4 chrB1.144614G | A | 0.1143 | 4008 |
| 4 chrB1.144677G | A | 0.1173 | 3980 |
| 4 chrB1.144720A | C | 0.2308 | 3964 |
| 4 chrB1.144782C | A | 0.1072 | 3862 |
| 4 chrB1.144809A | G | 0.06783 | 4010 |
| 4 chrB1.144878G | A | 0.4988 | 4002 |
| 4 chrB1.144909A | G | 0.1372 | 4002 |
| 4 chrB1.144943A | G | 0.3736 | 3996 |
| 4 chrB1.144991C | A | 0.3095 | 4000 |
| 4 chrB1.145063A | G | 0.1999 | 3996 |
| 4 chrB1.145111A | G | 0.2947 | 3990 |
| 4 chrB1.145175A | G | 0.1148 | 3946 |
| 4 chrB1.145237A | G | 0.01334 | 3972 |
| 4 chrB1.145275G | A | 0.1579 | 4008 |
| 4 chrB1.145309A | G | 0.2064 | 3998 |
| 4 chrB1.145351A | G | 0.259 | 3958 |
| 4 chrB1.145386G | A | 0.431 | 3988 |
| 4 chrB1.145410G | A | 0.4323 | 4002 |
| 4 chrB1.145434G | A | 0.3414 | 3998 |
| 4 chrB1.145489G | A | 0.1244 | 4004 |
| 4 chrB1.145520C | A | 0.01429 | 3988 |
| 4 chrB1.145570G | A | 0.2379 | 3926 |
| 4 chrB1.145579A | G | 0.333 | 4006 |
| 4 chrB1.145606A | C | 0.001001 | 3998 |
| 4 chrB1.145697G | A | 0.3362 | 3974 |
| 4 chrB1.145737G | A | 0.1455 | 3986 |
| 4 chrB1.145783A | G | 0.1565 | 3930 |
| 4 chrB1.145833G | A | 0.3904 | 3970 |
| 4 chrB1.145893A | G | 0.4573 | 4004 |
| 4 chrB1.145924A | G | 0.3573 | 3876 |
| 4 chrB1.145977G | A | 0.0982 | 4002 |
| 4 chrB1.146052G | A | 0.05138 | 3990 |
| 4 chrB1.146102A | G | 0.1314 | 3996 |
| 4 chrB1.146156A | G | 0.2435 | 3988 |
| 4 chrUn.63176A | G | 0.3983 | 3954 |
| 4 chrUn.368144G | A | 0.1277 | 3838 |

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| 4 chrB1.146201G | A | 0.3581 | 4010 |
| 4 chrB1.146295G | A | 0.4272 | 3986 |
| 4 chrB1.146366A | G | 0.1043 | 3970 |
| 4 chrB1.146405C | A | 0.3279 | 3952 |
| 4 chrB1.146430G | A | 0.3071 | 3996 |
| 4 chrB1.146471G | A | 0.1859 | 4002 |
| 4 chrB1.146507A | G | 0.1606 | 3960 |
| 4 chrB1.146555A | C | 0.004738 | 4010 |
| 4 chrB1.146605A | G | 0.07436 | 3994 |
| 4 chrB1.146666A | C | 0.4337 | 3996 |
| 4 chrB1.146706A | G | 0.1732 | 3996 |
| 4 chrB1.146770A | C | 0.3127 | 4000 |
| 4 chrB1.146821A | G | 0.4018 | 3972 |
| 4 chrB1.146847A | C | 0.04347 | 3980 |
| 4 chrB1.146878G | A | 0.1644 | 3996 |
| 4 chrB1.146914G | A | 0.3816 | 3994 |
| 4 chrUn.681897A | G | 0.4408 | 3984 |
| 4 chrB1.146955G | A | 0.05741 | 4006 |
| 4 chrB1.146998A | G | 0.05183 | 3994 |
| 4 chrB1.147039A | G | 0.3683 | 4010 |
| 4 chrB1.147077G | A | 0.05078 | 3998 |
| 4 chrB1.147234A | G | 0.368 | 3902 |
| 4 chrB1.147269G | A | 0.4199 | 3982 |
| 4 chrB1.147295A | G | 0.07018 | 4004 |
| 4 chrB1.147372G | A | 0.2186 | 4002 |
| 4 chrB1.147462C | A | 0.07371 | 4002 |
| 4 chrB1.147468C | A | 0.1316 | 4006 |
| 4 chrB1.147507G | A | 0.3123 | 4002 |
| 4 chrD3.916763C | A | 0.08333 | 4008 |
| 4 chrB1.147557A | G | 0.2303 | 4004 |
| 4 chrB1.147663G | A | 0.3766 | 3972 |
| 4 chrB1.147723A | C | 0.2816 | 3956 |
| 4 chrB1.147786A | C | 0.4883 | 4008 |
| 4 chrB1.147851A | G | 0.08185 | 3922 |
| 4 chrB1.147891A | C | 0.00858 | 3846 |
| 4 chrB1.147931A | G | 0.3231 | 3996 |
| 4 chrB1.147966A | G | 0.221 | 4000 |
| 4 chrB1.148109G | A | 0.1332 | 4010 |
| 4 chrB1.148143A | C | 0.1666 | 3998 |
| 4 chrB1.148182A | G | 0.1385 | 4008 |
| 4 chrB1.148244G | A | 0.3344 | 3998 |

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| 4 chrB1.148276A | G | 0.05742 | 3988 |
| 4 chrB1.148322A | G | 0.1602 | 3994 |
| 4 chrB2.101211A | G | 0.3668 | 4000 |
| 4 chrB1.148437G | A | 0.4693 | 4002 |
| 4 chrB1.148485A | G | 0.07071 | 3960 |
| 4 chrB1.148520G | A | 0.3033 | 3976 |
| 4 chrB1.148577A | G | 0.1126 | 3962 |
| 4 chrB1.148600A | G | 0.01474 | 4004 |
| 4 chrB1.148666G | A | 0.4585 | 3978 |
| 4 chrB1.148712A | G | 0.2984 | 4008 |
| 4 chrB1.148752G | A | 0.3048 | 3996 |
| 4 chrB1.148812A | G | 0.02603 | 3996 |
| 4 chrB1.148816G | A | 0.4963 | 4008 |
| 4 chrB1.148865C | A | 0.2245 | 4000 |
| 4 chrB1.148936G | A | 0.207 | 3996 |
| 4 chrB1.148973A | G | 0.3292 | 4010 |
| 4 chrB1.149006G | A | 0.4922 | 3996 |
| 4 chrB1.149034G | A | 0.1916 | 3998 |
| 4 chrB1.149110A | G | 0.3432 | 3998 |
| 4 chrB1.149151A | G | 0.2218 | 4004 |
| 4 chrB1.149186A | G | 0.08392 | 4004 |
| 4 chrB1.149217A | G | 0.04486 | 3700 |
| 4 chrB1.149260G | A | 0.4179 | 4008 |
| 4 chrB1.149310A | G | 0.2443 | 3918 |
| 4 chrD1.273406A | G | 0.08908 | 3974 |
| 4 chrB1.149387A | G | 0.06747 | 4002 |
| 4 chrB1.149411A | G | 0.4259 | 4006 |
| 4 chrB1.149440A | G | 0.3103 | 4006 |
| 4 chrB1.149483A | G | 0.2591 | 3994 |
| 4 chrB1.149490A | C | 0.386 | 4008 |
| 4 chrB1.149533C | A | 0.2041 | 3904 |
| 4 chrB1.149593A | G | 0.1764 | 4002 |
| 4 chrB1.149642G | A | 0.3176 | 3986 |
| 4 chrB1.149686G | A | 0.362 | 3992 |
| 4 chrB1.149742G | A | 0.217 | 3996 |
| 4 chrB1.149812A | C | 0.2566 | 3998 |
| 4 chrB1.149847G | A | 0.2717 | 4004 |
| 4 chrB1.149878A | G | 0.4887 | 3996 |
| 4 chrB1.149940G | A | 0.485 | 3988 |
| 4 chrB1.149956A | G | 0.4078 | 3980 |
| 4 chrB1.149984 | 0 G | 0 | 4008 |

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| 4 chrB1.14998 | G A | 0.4706 | 4008 |
| 4 chrB1.15004 | G A | 0.06016 | 4006 |
| 4 chrB1.15015 | G A | 0.1145 | 4008 |
| 4 chrB1.15024 | G A | 0.439 | 3998 |
| 4 chrB1.15031 | G A | 0.4864 | 3980 |
| 4 chrB1.15034 | G A | 0.1228 | 4000 |
| 4 chrB1.15039 | G A | 0.1237 | 3986 |
| 4 chrB1.15044 | G A | 0.3716 | 3996 |
| 4 chrB1.15048 | G A | 0.08041 | 3992 |
| 4 chrB1.15052 | G A | 0.0634 | 4006 |
| 4 chrB1.15055 | G A | 0.1505 | 4000 |
| 4 chrB1.15058 | G A | 0.4646 | 3840 |
| 4 chrB1.15065 | G A | 0.1067 | 3982 |
| 4 chrB1.15071 | G A | 0.1954 | 3996 |
| 4 chrB1.15074 | G A | 0.3647 | 3932 |
| 4 chrUn.70240 | G A | 0.262 | 3996 |
| 4 chrX.364083 | G A | 0.1476 | 3998 |
| 4 chrB1.15086 | G A | 0.1298 | 3868 |
| 4 chrB1.15091 | G A | 0.05809 | 3994 |
| 4 chrB1.15096 | G 0 G | 0 | 4006 |
| 4 chrB1.15098 | G A | 0.1638 | 3998 |
| 4 chrB1.15101 | G A | 0.121 | 4000 |
| 4 chrB1.15104 | G A | 0.0582 | 3986 |
| 4 chrB1.15110 | G A | 0.05805 | 3824 |
| 4 chrE2.710844 | G A | 0.2028 | 3842 |
| 4 chrB1.15113 | G A | 0.3437 | 4004 |
| 4 chrB1.15116 | G A | 0.28 | 4010 |
| 4 chrB1.15122 | G A | 0.2032 | 3878 |
| 4 chrB1.15131 | G A | 0.02471 | 4006 |
| 4 chrB1.15134 | G A | 0.2386 | 3956 |
| 4 chrB1.15137 | G A | 0.2518 | 4000 |
| 4 chrB1.15140 | G A | 0.4328 | 3990 |
| 4 chrB1.15143 | G A | 0.3323 | 3978 |
| 4 chrB1.15145 | G A | 0.1654 | 3996 |
| 4 chrB1.15150 | G A | 0.3043 | 3996 |
| 4 chrB1.15156 | G A | 0.3456 | 3996 |
| 4 chrB1.15159 | G A | 0.05217 | 4006 |
| 4 chrB1.15161 | G A | 0.04932 | 3954 |
| 4 chrB1.15167 | G A | 0.02138 | 3928 |
| 4 chrB1.15176 | G A | 0.49 | 4002 |
| 4 chrB1.15179 | G A | 0.07713 | 4006 |

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| 4 chrB1.151832A | G | 0.1643 | 4006 |
| 4 chrB1.151868G | A | 0.4995 | 3980 |
| 4 chrB1.151891C | A | 0.4638 | 4002 |
| 4 chrB1.151924G | A | 0.2772 | 3990 |
| 4 chrB1.152018A | G | 0.3987 | 4008 |
| 4 chrB1.152044G | A | 0.036 | 4000 |
| 4 chrB1.152068G | A | 0.3918 | 3984 |
| 4 chrB1.152092A | G | 0.2457 | 3646 |
| 4 chrB1.152164G | A | 0.15 | 3954 |
| 4 chrB1.152208A | G | 0.3682 | 3990 |
| 4 chrB1.152250A | G | 0.1937 | 4002 |
| 4 chrB1.152278A | G | 0.06793 | 4004 |
| 4 chrB1.152322C | A | 0.3961 | 3916 |
| 4 chrB1.152411A | G | 0.4901 | 3956 |
| 4 chrB1.152411A | G | 0.08462 | 4006 |
| 4 chrB1.152439G | A | 0.3994 | 3968 |
| 4 chrB1.152498G | A | 0.2584 | 3982 |
| 4 chrB1.152618A | G | 0.3304 | 3874 |
| 4 chrB1.152664A | G | 0.3653 | 3994 |
| 4 chrB1.152690A | G | 0.1787 | 4006 |
| 4 chrB1.152724A | C | 0.4568 | 3986 |
| 4 chrB1.152790A | G | 0.07382 | 3888 |
| 4 chrB1.152817A | G | 0.3087 | 4000 |
| 4 chrB1.152849A | G | 0.06409 | 4010 |
| 4 chrB1.152888A | G | 0.07197 | 3988 |
| 4 chrB1.152920C | A | 0.1579 | 4008 |
| 4 chrB1.152952A | G | 0.1716 | 3992 |
| 4 chrB1.152988A | G | 0.03611 | 3988 |
| 4 chrB1.153018G | A | 0.06413 | 3758 |
| 4 chrB1.153052A | G | 0.2931 | 3988 |
| 4 chrB1.153086A | C | 0.4516 | 3970 |
| 4 chrB1.153148G | A | 0.09311 | 4006 |
| 4 chrB1.153178G | A | 0.001248 | 4006 |
| 4 chrB1.153206A | G | 0.1417 | 3986 |
| 4 chrB1.153256A | G | 0.1149 | 3994 |
| 4 chrB1.153287G | A | 0.2574 | 4006 |
| 4 chrB1.153322G | A | 0.108 | 3852 |
| 4 chrB1.153382G | A | 0.1396 | 3990 |
| 4 chrB3.691298A | G | 0.09809 | 3874 |
| 4 chrB1.153430C | A | 0.1158 | 4006 |
| 4 chrB1.153482A | G | 0.05137 | 4010 |

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| 4 chrB1.153520G | A | 0.3071 | 4002 |
| 4 chrB1.153567A | G | 0.283 | 3982 |
| 4 chrB1.153638A | G | 0.02691 | 3902 |
| 4 chrB1.153672A | G | 0.4825 | 3952 |
| 4 chrUn.945967A | G | 0.2642 | 4000 |
| 4 chrB1.153708A | G | 0.4173 | 4002 |
| 4 chrB1.153733C | A | 0.0549 | 3752 |
| 4 chrB1.153775A | G | 0.1049 | 3976 |
| 4 chrB1.153825A | G | 0.4254 | 3968 |
| 4 chrB1.153875A | G | 0.4686 | 3982 |
| 4 chrB1.153942A | C | 0.1876 | 3998 |
| 4 chrB1.153969A | C | 0.02595 | 4008 |
| 4 chrB1.154028A | G | 0.07164 | 4006 |
| 4 chrB1.154081A | C | 0.3563 | 3960 |
| 4 chrB1.154120A | G | 0.1885 | 4010 |
| 4 chrB1.154167G | A | 0.4425 | 4000 |
| 4 chrB1.154247G | A | 0.1897 | 4002 |
| 4 chrB1.154295A | G | 0.0701 | 3966 |
| 4 chrB1.154330A | G | 0.1867 | 4002 |
| 4 chrB1.154364A | G | 0.3512 | 3986 |
| 4 chrB1.154392G | A | 0.3313 | 4000 |
| 4 chrB1.154452A | G | 0.2484 | 4002 |
| 4 chrUn.772717G | A | 0.432 | 4002 |
| 4 chrB1.154515A | G | 0.07036 | 4008 |
| 4 chrB1.154548G | A | 0.2022 | 3966 |
| 4 chrB1.154576A | G | 0.1655 | 3856 |
| 4 chrB1.154631A | G | 0.3007 | 3974 |
| 4 chrB1.154663G | A | 0.2599 | 4002 |
| 4 chrB1.154688G | A | 0.4153 | 4002 |
| 4 chrB1.154720A | G | 0.2184 | 4002 |
| 4 chrB1.154744A | G | 0.149 | 3980 |
| 4 chrB1.154796G | A | 0.3882 | 4008 |
| 4 chrB1.154886C | A | 0.3073 | 3986 |
| 4 chrB1.154895A | G | 0.005753 | 3998 |
| 4 chrB1.154974A | G | 0.2317 | 3966 |
| 4 chrB1.155014A | G | 0.4193 | 4004 |
| 4 chrB1.155042C | A | 0.3877 | 4006 |
| 4 chrB1.155108A | C | 0.4702 | 3996 |
| 4 chrB1.155152A | G | 0.2742 | 3994 |
| 4 chrB1.155183G | A | 0.1654 | 3990 |
| 4 chrB1.155252A | C | 0.1484 | 4004 |

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| 4 chrB1.155319 | 0 G | 0 | 4006 |
| 4 chrB1.155358A | G | 0.3378 | 3952 |
| 4 chrB1.155409A | G | 0.3503 | 4002 |
| 4 chrB1.155448A | G | 0.2147 | 4000 |
| 4 chrB1.155452C | A | 0.09511 | 4006 |
| 4 chrB1.155490G | A | 0.04516 | 4008 |
| 4 chrB1.155562C | A | 0.2645 | 3996 |
| 4 chrB1.155592A | C | 0.1578 | 3998 |
| 4 chrB1.155643G | A | 0.484 | 4004 |
| 4 chrB1.155682A | G | 0.486 | 3996 |
| 4 chrUn.603511G | A | 0.3841 | 3962 |
| 4 chrB1.155719C | A | 0.2481 | 4010 |
| 4 chrB1.155747G | A | 0.2021 | 3968 |
| 4 chrB1.155852G | A | 0.2292 | 3926 |
| 4 chrB1.156007A | G | 0.3061 | 3764 |
| 4 chrB1.156063G | A | 0.2194 | 3988 |
| 4 chrB1.156116C | A | 0.1097 | 3976 |
| 4 chrB1.156149G | A | 0.2282 | 4000 |
| 4 chrA1.184692A | G | 0.499 | 3982 |
| 4 chrB1.156203A | G | 0.3354 | 4004 |
| 4 chrB1.156247G | A | 0.3984 | 3998 |
| 4 chrB1.156340A | C | 0.257 | 4000 |
| 4 chrB1.156375A | G | 0.4296 | 3990 |
| 4 chrUn.630979G | A | 0.4289 | 3966 |
| 4 chrB1.156432A | G | 0.08346 | 4002 |
| 4 chrB1.156500A | G | 0.3089 | 3992 |
| 4 chrB1.156527A | G | 0.4289 | 3992 |
| 4 chrB1.156551A | C | 0.115 | 3990 |
| 4 chrB1.156601A | G | 0.2599 | 3982 |
| 4 chrB1.156626A | G | 0.02046 | 4008 |
| 4 chrB1.156663A | G | 0.4351 | 3946 |
| 4 chrB1.156699C | A | 0.4248 | 3992 |
| 4 chrB1.156747A | G | 0.1921 | 4004 |
| 4 chrB1.156770G | A | 0.495 | 4000 |
| 4 chrB1.156875G | A | 0.1385 | 3992 |
| 4 chrB1.156948A | G | 0.4714 | 3992 |
| 4 chrB1.156997A | G | 0.3042 | 3922 |
| 4 chrB1.157022A | G | 0.02233 | 3672 |
| 4 chrB1.157125G | A | 0.1937 | 3990 |
| 4 chrB1.157182C | A | 0.1696 | 3968 |
| 4 chrB1.157240A | G | 0.2875 | 3990 |

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| 4 chrB1.157273C | A | 0.1355 | 4006 |
| 4 chrB1.157301C | A | 0.06091 | 4006 |
| 4 chrB1.157343A | C | 0.2748 | 4000 |
| 4 chrB1.157405A | G | 0.1859 | 4002 |
| 4 chrB1.157444A | G | 0.1372 | 4002 |
| 4 chrUn.698451C | A | 0.144 | 3924 |
| 4 chrB1.157547G | A | 0.3092 | 3930 |
| 4 chrB1.157601A | G | 0.1826 | 3986 |
| 4 chrB1.157653A | G | 0.479 | 3992 |
| 4 chrB1.157717A | G | 0.1683 | 3998 |
| 4 chrB1.157808A | C | 0.2365 | 4004 |
| 4 chrB1.157854A | G | 0.08918 | 3936 |
| 4 chrB1.157890A | G | 0.1355 | 4000 |
| 4 chrB1.157915A | G | 0.004489 | 4010 |
| 4 chrB1.157948A | C | 0.1443 | 3984 |
| 4 chrB1.158037A | G | 0.4124 | 4008 |
| 4 chrB1.158099A | G | 0.1157 | 3968 |
| 4 chrB1.158149A | C | 0.4088 | 4004 |
| 4 chrB1.158187A | G | 0.1155 | 3982 |
| 4 chrB1.158275A | G | 0.3239 | 3896 |
| 4 chrB1.158365C | A | 0.3527 | 3850 |
| 4 chrB1.158415A | G | 0.3901 | 3996 |
| 4 chrB1.158491G | A | 0.17 | 3994 |
| 4 chrB1.158538G | A | 0.3414 | 3998 |
| 4 chrB1.158582A | G | 0.2919 | 3970 |
| 4 chrB1.158627A | G | 0.3302 | 3992 |
| 4 chrB1.158696A | G | 0.2324 | 3972 |
| 4 chrUn.240351C | A | 0.01008 | 3968 |
| 4 chrB1.158747G | A | 0.2 | 4006 |
| 4 chrB1.158782A | G | 0.06598 | 3774 |
| 4 chrB1.158843G | A | 0.08342 | 4004 |
| 4 chrB1.158874G | A | 0.4309 | 4006 |
| 4 chrB1.158946G | A | 0.1273 | 3958 |
| 4 chrB1.158987A | G | 0.1024 | 3916 |
| 4 chrB1.159024C | A | 0.4867 | 3998 |
| 4 chrUn.501408G | A | 0.08207 | 3972 |
| 4 chrB1.159085G | A | 0.4631 | 3980 |
| 4 chrUn.881871 | 0 A | 0 | 4004 |
| 4 chrB1.159135C | A | 0.2457 | 3996 |
| 4 chrB1.159163G | A | 0.06474 | 3908 |
| 4 chrB1.159194G | A | 0.2033 | 3994 |

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| 4 chrB1.159236A | G | 0.1753 | 4004 |
| 4 chrB1.159298A | G | 0.006853 | 3940 |
| 4 chrB1.159399A | G | 0.2538 | 3992 |
| 4 chrB1.159445A | G | 0.01627 | 3994 |
| 4 chrB1.159477A | G | 0.3964 | 3998 |
| 4 chrB1.159505G | A | 0.04995 | 4004 |
| 4 chrB1.159538A | G | 0.2727 | 3850 |
| 4 chrB1.159570A | C | 0.4687 | 3996 |
| 4 chrB1.159601A | G | 0.1851 | 4004 |
| 4 chrB1.159670A | G | 0.2799 | 4002 |
| 4 chrB1.713695G | A | 0.3294 | 3992 |
| 4 chrB1.159721G | A | 0.1419 | 4004 |
| 4 chrB1.159745G | A | 0.3646 | 4002 |
| 4 chrB1.159798A | G | 0.3022 | 3994 |
| 4 chrUn.602477A | G | 0.1299 | 3956 |
| 4 chrB1.159836A | C | 0.1071 | 4006 |
| 4 chrB1.159913A | C | 0.1935 | 4010 |
| 4 chrB1.159968C | A | 0.1616 | 3998 |
| 4 chrB1.160055A | G | 0.1183 | 4006 |
| 4 chrB1.160081G | A | 0.006986 | 4008 |
| 4 chrB1.160106G | A | 0.08982 | 4008 |
| 4 chrB1.160176A | C | 0.09405 | 3998 |
| 4 chrB1.160210A | G | 0.329 | 4006 |
| 4 chrB1.160252A | C | 0.2751 | 3944 |
| 4 chrB1.160280A | G | 0.2175 | 4004 |
| 4 chrB1.160306G | A | 0.1931 | 3966 |
| 4 chrB1.160338A | G | 0.4038 | 4002 |
| 4 chrB1.160370G | A | 0.2911 | 3992 |
| 4 chrB1.160394G | A | 0.1924 | 3992 |
| 4 chrB1.160424A | G | 0.2077 | 3962 |
| 4 chrB1.160449C | A | 0.3472 | 4006 |
| 4 chrB1.160476A | C | 0.09395 | 4002 |
| 4 chrB1.160502G | A | 0.09205 | 3998 |
| 4 chrB1.160533A | G | 0.1223 | 4008 |
| 4 chrB1.160567G | A | 0.411 | 3988 |
| 4 chrB1.160600A | G | 0.2736 | 3988 |
| 4 chrB1.160611A | G | 0.08807 | 4008 |
| 4 chrB1.160659A | G | 0.3428 | 3906 |
| 4 chrB1.160746G | A | 0.3422 | 3872 |
| 4 chrB1.160800G | A | 0.3742 | 3992 |
| 4 chrB1.160834G | A | 0.4249 | 3966 |

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| 4 chrB1.160865G | A | 0.1552 | 3950 |
| 4 chrB1.160897A | G | 0.3897 | 3980 |
| 4 chrB1.160925A | G | 0.09745 | 4002 |
| 4 chrB1.160971G | A | 0.2157 | 4000 |
| 4 chrB1.161007C | A | 0.2916 | 3978 |
| 4 chrB1.161076G | A | 0.09399 | 3926 |
| 4 chrB1.161101A | C | 0.1415 | 3874 |
| 4 chrB1.161187G | A | 0.4585 | 3978 |
| 4 chrB1.161228C | A | 0.4962 | 3996 |
| 4 chrB1.161257A | G | 0.4672 | 3992 |
| 4 chrB1.161348G | A | 0.1408 | 4006 |
| 4 chrB1.161403G | A | 0.4408 | 3818 |
| 4 chrB1.161428G | A | 0.05891 | 4006 |
| 4 chrUn.669457A | G | 0.07702 | 3986 |
| 4 chrB1.161488A | G | 0.05816 | 4006 |
| 4 chrB1.161572G | A | 0.4518 | 3986 |
| 4 chrUn.413288A | G | 0.02647 | 3740 |
| 4 chrB1.161624A | G | 0.1478 | 3998 |
| 4 chrB1.161701G | A | 0.2198 | 3968 |
| 4 chrB1.161755A | G | 0.4713 | 4004 |
| 4 chrB1.161793A | G | 0.3615 | 4000 |
| 4 chrB1.161932G | A | 0.4491 | 4006 |
| 4 chrB1.161965A | G | 0.3142 | 4004 |
| 4 chrB1.161998C | A | 0.4478 | 3964 |
| 4 chrB1.162023A | C | 0.3135 | 4006 |
| 4 chrB1.162079G | A | 0.2252 | 3992 |
| 4 chrB1.162143G | A | 0.2004 | 4002 |
| 4 chrB1.162199C | A | 0.2946 | 3988 |
| 4 chrB1.162220A | G | 0.05124 | 3962 |
| 4 chrB1.162269G | A | 0.4369 | 3996 |
| 4 chrUn.543047A | G | 0.2989 | 3994 |
| 4 chrB1.162304G | A | 0.287 | 3996 |
| 4 chrB1.162363G | A | 0.3472 | 3932 |
| 4 chrB1.162385G | A | 0.07443 | 4004 |
| 4 chrB1.162427G | A | 0.3708 | 3972 |
| 4 chrB1.162542G | A | 0.4822 | 4000 |
| 4 chrB1.162642A | C | 0.4338 | 4004 |
| 4 chrB1.162774A | G | 0.004092 | 3910 |
| 4 chrB1.162830C | 0 G | 0 | 4008 |
| 4 chrB1.162856C | A | 0.3654 | 3974 |
| 4 chrB1.162904A | G | 0.3359 | 3966 |

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| 4 chrB1.162945G | A | 0.05581 | 3996 |
| 4 chrB1.162983G | A | 0.14 | 4000 |
| 4 chrB1.163019A | G | 0.1249 | 3994 |
| 4 chrB1.163057C | A | 0.1713 | 3992 |
| 4 chrB1.163107A | G | 0.102 | 3950 |
| 4 chrB1.163132G | A | 0.08612 | 4006 |
| 4 chrB1.163172A | G | 0.2496 | 4002 |
| 4 chrB1.163197A | G | 0.1355 | 3994 |
| 4 chrB1.163245A | G | 0.1161 | 3886 |
| 4 chrB1.163274A | G | 0.1201 | 3996 |
| 4 chrB1.163319G | A | 0.1057 | 3992 |
| 4 chrB1.163356A | G | 0.09152 | 4010 |
| 4 chrB1.163393A | G | 0.05742 | 3884 |
| 4 chrB1.163434G | A | 0.03466 | 3866 |
| 4 chrB1.163508G | A | 0.2818 | 3996 |
| 4 chrB1.163533A | G | 0.3662 | 4000 |
| 4 chrB1.163575G | A | 0.3541 | 3996 |
| 4 chrB1.163610G | A | 0.2644 | 4002 |
| 4 chrB1.163637G | A | 0.264 | 4000 |
| 4 chrB1.163691G | A | 0.3451 | 3938 |
| 4 chrB1.163720A | C | 0.4675 | 3998 |
| 4 chrB1.163748A | C | 0.211 | 3986 |
| 4 chrB1.163780G | A | 0.2258 | 4004 |
| 4 chrB1.163815A | G | 0.1706 | 4004 |
| 4 chrB1.163857A | G | 0.2961 | 4006 |
| 4 chrB1.163881G | A | 0.3915 | 4000 |
| 4 chrB1.163973 | 0 G | 0 | 4010 |
| 4 chrB1.163980G | A | 0.4882 | 3654 |
| 4 chrB1.164023G | A | 0.1452 | 3994 |
| 4 chrB1.164056A | G | 0.2346 | 4006 |
| 4 chrB1.164110C | A | 0.216 | 4004 |
| 4 chrB1.164155A | G | 0.2042 | 3962 |
| 4 chrB1.164183A | G | 0.1036 | 3996 |
| 4 chrB1.164227A | G | 0.1778 | 3998 |
| 4 chrB1.164276G | A | 0.03545 | 4006 |
| 4 chrB1.164305G | A | 0.3783 | 4002 |
| 4 chrB1.164338G | A | 0.07329 | 3998 |
| 4 chrB1.164366C | A | 0.33 | 3948 |
| 4 chrB1.164418G | A | 0.2962 | 4004 |
| 4 chrB1.164454G | A | 0.06618 | 4004 |
| 4 chrB1.164499G | A | 0.4028 | 3992 |

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| 4 chrB1.164526G | A | 0.145 | 4008 |
| 4 chrB1.164541A | C | 0.135 | 3740 |
| 4 chrB1.164577A | G | 0.2069 | 3992 |
| 4 chrB1.164602G | A | 0.4087 | 4008 |
| 4 chrB1.164643G | A | 0.455 | 3998 |
| 4 chrUn.162469A | G | 0.4537 | 3992 |
| 4 chrB1.164695A | G | 0.4983 | 4006 |
| 4 chrB1.164722A | G | 0.007481 | 4010 |
| 4 chrB1.164756G | A | 0.4192 | 3934 |
| 4 chrB1.164796A | G | 0.03439 | 3896 |
| 4 chrB1.164845A | G | 0.0938 | 3998 |
| 4 chrB1.164856G | A | 0.3326 | 4002 |
| 4 chrB1.164922G | A | 0.2425 | 4008 |
| 4 chrB1.164946G | A | 0.2296 | 4002 |
| 4 chrB1.164974A | C | 0.4184 | 3982 |
| 4 chrB1.165040A | G | 0.05359 | 3956 |
| 4 chrB1.165085A | G | 0.3546 | 4002 |
| 4 chrB1.165122C | A | 0.08091 | 3992 |
| 4 chrB1.165149C | A | 0.02449 | 4002 |
| 4 chrB1.165191C | A | 0.2922 | 4004 |
| 4 chrB1.165245G | A | 0.1695 | 3958 |
| 4 chrB1.165299G | A | 0.3148 | 4002 |
| 4 chrB1.165353A | G | 0.1403 | 3926 |
| 4 chrB1.165362A | C | 0.3374 | 4004 |
| 4 chrX.2928648A | G | 0.2753 | 3926 |
| 4 chrB1.165434A | G | 0.498 | 3988 |
| 4 chrB1.165459A | G | 0.49 | 3998 |
| 4 chrB1.165492C | A | 0.2715 | 3986 |
| 4 chrB1.165520A | G | 0.2053 | 4000 |
| 4 chrB1.165568A | G | 0.1664 | 3996 |
| 4 chrB1.165627A | C | 0.3824 | 3972 |
| 4 chrB1.165697G | A | 0.1949 | 4002 |
| 4 chrB1.165753A | G | 0.0858 | 3986 |
| 4 chrB1.165801A | G | 0.2604 | 4002 |
| 4 chrUn.378240C | A | 0.004384 | 3878 |
| 4 chrB1.165851C | A | 0.253 | 3996 |
| 4 chrB1.165876A | C | 0.2169 | 3974 |
| 4 chrUn.770054A | G | 0.2279 | 3822 |
| 4 chrB1.165901A | G | 0.3373 | 3990 |
| 4 chrB1.165958A | C | 0.1364 | 3996 |
| 4 chrB1.165997A | C | 0.359 | 3994 |

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| 4 chrB1.166024A | G | 0.1861 | 3902 |
| 4 chrB1.166059A | G | 0.2816 | 4002 |
| 4 chrB1.166086C | A | 0.3209 | 3998 |
| 4 chrB1.166140G | A | 0.4398 | 3868 |
| 4 chrB1.166165C | A | 0.2139 | 3998 |
| 4 chrB1.166198G | A | 0.286 | 4000 |
| 4 chrB1.166230A | G | 0.3183 | 4006 |
| 4 chrB1.166268A | C | 0.2417 | 4000 |
| 4 chrB1.166327G | A | 0.09029 | 3788 |
| 4 chrB1.166364A | G | 0.4303 | 4002 |
| 4 chrUn.272798G | A | 0.2446 | 4002 |
| 4 chrB1.166435A | G | 0.4231 | 4004 |
| 4 chrB1.166482A | G | 0.2401 | 3832 |
| 4 chrB1.166538A | G | 0.2121 | 3894 |
| 4 chrB1.166570C | A | 0.2288 | 3982 |
| 4 chrB1.166600G | A | 0.2716 | 3998 |
| 4 chrB1.166627A | G | 0.05636 | 4010 |
| 4 chrB1.166685A | C | 0.3862 | 3946 |
| 4 chrB1.166697G | A | 0.01816 | 3964 |
| 4 chrB1.166716A | G | 0.496 | 3990 |
| 4 chrB1.166747G | A | 0.1098 | 4008 |
| 4 chrB1.166792G | A | 0.05391 | 3988 |
| 4 chrB1.166821G | A | 0.04364 | 4010 |
| 4 chrB1.166906A | G | 0.3471 | 3996 |
| 4 chrB1.166930A | G | 0.3387 | 3974 |
| 4 chrB1.166991G | A | 0.1629 | 3996 |
| 4 chrB1.167041A | G | 0.0659 | 4006 |
| 4 chrB1.167070G | A | 0.174 | 3988 |
| 4 chrB1.167131A | G | 0.2326 | 4002 |
| 4 chrB1.167160A | G | 0.4031 | 4006 |
| 4 chrB1.167186A | C | 0.4031 | 4004 |
| 4 chrB1.167214G | A | 0.0855 | 4000 |
| 4 chrB1.167283G | A | 0.2087 | 4006 |
| 4 chrB1.167337A | G | 0.181 | 3994 |
| 4 chrB1.167378C | A | 0.1765 | 4000 |
| 4 chrB1.167417A | G | 0.2186 | 4002 |
| 4 chrB1.167462C | A | 0.08429 | 4010 |
| 4 chrB1.167493A | G | 0.108 | 4010 |
| 4 chrB1.167567C | A | 0.1306 | 3998 |
| 4 chrB1.167593A | G | 0.08038 | 4006 |
| 4 chrB1.167651A | G | 0.3038 | 3986 |

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| 4 chrB1.167703G | A | 0.1257 | 4010 |
| 4 chrB1.167756A | G | 0.1706 | 3922 |
| 4 chrB1.167788A | G | 0.4798 | 4004 |
| 4 chrB1.167814G | A | 0.3424 | 3966 |
| 4 chrB1.167926A | G | 0.3653 | 4000 |
| 4 chrB1.167963G | A | 0.2394 | 4002 |
| 4 chrB1.167997A | G | 0.335 | 3982 |
| 4 chrB1.168092G | A | 0.1685 | 4006 |
| 4 chrB1.168118A | G | 0.1555 | 4000 |
| 4 chrB1.168150G | A | 0.1041 | 3832 |
| 4 chrB1.168181G | A | 0.01149 | 4004 |
| 4 chrB1.168241G | A | 0.2988 | 4006 |
| 4 chrB1.168282C | A | 0.2515 | 4008 |
| 4 chrB1.168337G | A | 0.05944 | 4004 |
| 4 chrB1.168368A | G | 0.06059 | 3994 |
| 4 chrB1.168428A | G | 0.2533 | 3992 |
| 4 chrB1.168533A | G | 0.06323 | 3954 |
| 4 chrB1.168536A | G | 0.1108 | 3998 |
| 4 chrB1.168566A | G | 0.4028 | 4002 |
| 4 chrB1.168590G | A | 0.3093 | 4006 |
| 4 chrB1.168626A | C | 0.4724 | 3840 |
| 4 chrB1.168663A | G | 0.0644 | 4006 |
| 4 chrB1.168754A | C | 0.4881 | 3938 |
| 4 chrB1.168788A | C | 0.2835 | 3788 |
| 4 chrB1.168813G | A | 0.4877 | 3998 |
| 4 chrB1.168848G | A | 0.01945 | 4010 |
| 4 chrB1.168896G | A | 0.1478 | 4006 |
| 4 chrB1.168926A | C | 0.03747 | 3736 |
| 4 chrB1.168950G | A | 0.434 | 3820 |
| 4 chrB1.169022A | G | 0.1563 | 4006 |
| 4 chrB1.169076G | A | 0.4269 | 3994 |
| 4 chrB1.169108A | G | 0.05364 | 4008 |
| 4 chrB1.169135A | G | 0.2214 | 3998 |
| 4 chrB1.169188G | A | 0.4344 | 3992 |
| 4 chrB1.169263A | G | 0.264 | 4000 |
| 4 chrB1.169301A | G | 0.2829 | 3976 |
| 4 chrB1.169355A | G | 0.225 | 3942 |
| 4 chrB1.169387A | G | 0.2369 | 4002 |
| 4 chrB1.169441G | A | 0.07836 | 3918 |
| 4 chrB1.169469A | G | 0.02935 | 3884 |
| 4 chrB1.169566A | G | 0.0467 | 4004 |

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| 4 chrUn.42502 | A | G | 0.4647 | 3992 |
| 4 chrB1.169651 | G | A | 0.2245 | 3982 |
| 4 chrB1.169683 | G | A | 0.4301 | 4006 |
| 4 chrB1.169740 | G | A | 0.06074 | 3984 |
| 4 chrB1.169777 | C | A | 0.2807 | 3968 |
| 4 chrB1.169808 | A | G | 0.3326 | 3996 |
| 4 chrB1.169862 | A | G | 0.4026 | 4004 |
| 4 chrB1.169906 | A | G | 0.2552 | 4004 |
| 4 chrB1.169933 | A | G | 0.1898 | 4004 |
| 4 chrB1.169977 | G | A | 0.3405 | 4006 |
| 4 chrB1.170061 | G | A | 0.00859 | 3958 |
| 4 chrB1.170085 | G | A | 0.3997 | 3798 |
| 4 chrB1.170122 | A | G | 0.1312 | 4010 |
| 4 chrB1.170207 | G | A | 0.08737 | 4006 |
| 4 chrB1.170235 | A | G | 0.4513 | 4002 |
| 4 chrB1.170321 | G | A | 0.112 | 4000 |
| 4 chrB1.170379 | A | G | 0.03495 | 4006 |
| 4 chrB1.170471 | G | A | 0.02369 | 3968 |
| 4 chrB1.170523 | A | G | 0.1872 | 3996 |
| 4 chrB1.170602 | G | A | 0.1202 | 3994 |
| 4 chrB1.170623 | A | C | 0.2418 | 4004 |
| 4 chrB1.170684 | A | G | 0.1774 | 4008 |
| 4 chrB1.170741 | A | G | 0.1883 | 4000 |
| 4 chrB1.170817 | A | G | 0.4111 | 3994 |
| 4 chrB1.170862 | G | A | 0.2293 | 3898 |
| 4 chrB1.170922 | A | G | 0.1415 | 3994 |
| 4 chrB1.170947 | A | G | 0.1442 | 3954 |
| 4 chrUn.77447 | A | G | 0.06316 | 3990 |
| 4 chrB1.171021 | A | G | 0.2009 | 3982 |
| 4 chrB1.171048 | A | G | 0.3822 | 3990 |
| 4 chrB1.171100 | G | A | 0.2572 | 3982 |
| 4 chrB1.171180 | A | G | 0.2751 | 3944 |
| 4 chrB1.171231 | C | A | 0.1682 | 4002 |
| 4 chrB1.171275 | A | G | 0.4417 | 3948 |
| 4 chrB1.171303 | A | G | 0.08546 | 4002 |
| 4 chrB1.171359 | G | A | 0.2174 | 3850 |
| 4 chrB1.171384 | A | C | 0.2719 | 3958 |
| 4 chrB1.171415 | A | C | 0.08036 | 3982 |
| 4 chrUn.13472 | A | C | 0.2377 | 3996 |
| 4 chrB1.171441 | A | G | 0.2228 | 3994 |
| 4 chrB1.171465 | A | G | 0.4531 | 3856 |

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| 4 chrB1.171498A | G | 0.3551 | 4004 |
| 4 chrB1.171529G | A | 0.2335 | 4004 |
| 4 chrB1.171562A | G | 0.1479 | 3772 |
| 4 chrB1.171598A | G | 0.1487 | 3960 |
| 4 chrB1.171629A | G | 0.3965 | 3990 |
| 4 chrB1.171673G | A | 0.02922 | 3730 |
| 4 chrB1.171703A | G | 0.07664 | 4006 |
| 4 chrB1.171736G | A | 0.2479 | 4006 |
| 4 Phen_FGF5_4C | A | 0.4643 | 3980 |
| 4 Phen_FGF5_4A | G | 0.01381 | 3984 |
| 4 chrB1.171767C | A | 0.1464 | 4002 |
| 4 Phen_FGF5_3 | 0 D | 0 | 3992 |
| 4 chrB1.171825G | A | 0.367 | 4000 |
| 4 chrB1.171889A | G | 0.1336 | 3998 |
| 4 chrB1.171923A | G | 0.105 | 3962 |
| 4 chrB1.171984A | C | 0.29 | 3972 |
| 4 chrB1.172035G | A | 0.1081 | 3978 |
| 4 chrB1.172082A | G | 0.303 | 3974 |
| 4 chrB1.172132A | C | 0.1095 | 3698 |
| 4 chrB1.172240A | G | 0.4249 | 4006 |
| 4 chrB1.172269G | A | 0.001251 | 3996 |
| 4 chrB1.172281A | G | 0.09336 | 4006 |
| 4 chrB1.172326G | A | 0.1111 | 3816 |
| 4 chrB1.172384G | A | 0.3148 | 3856 |
| 4 chrB1.172464A | G | 0.02046 | 3910 |
| 4 chrB1.172533A | G | 0.4313 | 3990 |
| 4 chrB1.172603A | G | 0.4145 | 4000 |
| 4 chrX.1501648A | G | 0.2155 | 3996 |
| 4 chrB1.172646G | A | 0.1883 | 4000 |
| 4 chrB1.172659G | A | 0.2027 | 3996 |
| 4 chrUn.40174A | C | 0.3205 | 4006 |
| 4 chrB1.172730A | G | 0.00975 | 4000 |
| 4 chrB1.172786A | G | 0.1433 | 3964 |
| 4 chrB1.172824A | G | 0.3906 | 4004 |
| 4 chrB1.172860C | A | 0.3996 | 4002 |
| 4 chrB1.172911A | G | 0.001247 | 4010 |
| 4 chrB1.172958A | G | 0.03933 | 3890 |
| 4 chrB1.172998G | A | 0.3785 | 4000 |
| 4 chrB1.173025G | A | 0.005492 | 4006 |
| 4 chrB1.173132A | G | 0.455 | 3998 |
| 4 chrB1.173159A | C | 0.08408 | 3996 |

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| 4 chrB1.173222G | A | 0.2071 | 3970 |
| 4 chrB1.173272A | G | 0.2242 | 3996 |
| 4 chrB1.173323A | G | 0.3987 | 3820 |
| 4 chrB1.173359A | G | 0.1253 | 3902 |
| 4 chrB1.173373G | A | 0.3972 | 4006 |
| 4 chrB1.173385A | C | 0.08234 | 4008 |
| 4 chrB1.173427G | A | 0.3562 | 3998 |
| 4 chrB1.173453G | A | 0.3337 | 4004 |
| 4 chrB1.173558A | G | 0.1846 | 3998 |
| 4 chrB1.173590A | G | 0.1044 | 3976 |
| 4 chrB1.173623A | G | 0.07517 | 4004 |
| 4 chrB1.173654A | C | 0.4665 | 3996 |
| 4 chrB1.173748G | A | 0.4587 | 3970 |
| 4 chrB1.173774G | A | 0.0283 | 3816 |
| 4 chrB1.173797G | A | 0.05564 | 3846 |
| 4 chrB1.173862A | G | 0.06543 | 4004 |
| 4 chrB1.173933G | A | 0.2071 | 4002 |
| 4 chrB1.173966A | C | 0.2383 | 4004 |
| 4 chrB1.174000A | G | 0.4623 | 4004 |
| 4 chrB1.174024A | G | 0.01825 | 4000 |
| 4 chrB1.174075A | G | 0.4917 | 3974 |
| 4 chrB1.174180A | G | 0.08325 | 3820 |
| 4 chrB1.174282A | G | 0.4319 | 3994 |
| 4 chrB1.174314G | A | 0.1353 | 3998 |
| 4 chrB1.174385G | A | 0.3204 | 3976 |
| 4 chrB1.174409G | A | 0.1398 | 3956 |
| 4 chrD4.663356G | A | 0.06364 | 3850 |
| 4 chrB1.174450A | C | 0.3441 | 3914 |
| 4 chrB1.174493A | G | 0.28 | 4000 |
| 4 chrB1.174547G | A | 0.02027 | 3996 |
| 4 chrB1.174593G | A | 0.3514 | 4004 |
| 4 chrB1.174647A | C | 0.1253 | 3998 |
| 4 chrB1.174679G | A | 0.2056 | 3994 |
| 4 chrB1.174710A | C | 0.3263 | 3996 |
| 4 chrB1.174742A | G | 0.4963 | 4004 |
| 4 chrB1.174768A | G | 0.04418 | 4006 |
| 4 chrB1.174798G | A | 0.3094 | 3998 |
| 4 chrB1.174837G | A | 0.2988 | 3966 |
| 4 chrB1.174855A | G | 0.2221 | 3998 |
| 4 chrB1.174934G | A | 0.4683 | 4004 |
| 4 chrB1.174977G | A | 0.1172 | 4002 |

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|----------------|---|-----|----------|------|
| 4 chrB1.175042 | A | C | 0.4232 | 3918 |
| 4 chrB1.175111 | G | A | 0.2451 | 3990 |
| 4 chrB1.175147 | G | A | 0.334 | 3946 |
| 4 chrUn32.146 | A | G | 0.4874 | 3974 |
| 4 chrUn32.140 | A | C | 0.01319 | 3792 |
| 4 chrUn.54013 | C | A | 0.1892 | 4006 |
| 4 chrUn32.134 | G | A | 0.2257 | 4006 |
| 4 chrUn.25638 | A | G | 0.4645 | 4000 |
| 4 chrUn32.128 | A | G | 0.2822 | 3990 |
| 4 chrUn32.125 | A | G | 0.192 | 3844 |
| 4 chrUn32.120 | G | A | 0.4366 | 4006 |
| 4 chrUn32.114 | C | A | 0.2313 | 3796 |
| 4 chrUn32.109 | A | C | 0.0386 | 3990 |
| 4 chrUn32.106 | A | G | 0.02595 | 4008 |
| 4 chrUn32.103 | C | A | 0.4508 | 3820 |
| 4 chrUn32.100 | G | A | 0.03225 | 4000 |
| 4 chrUn32.980 | A | G | 0.1144 | 3960 |
| 4 chrUn32.935 | A | G | 0.2311 | 3998 |
| 4 chrUn32.892 | A | G | 0.4355 | 4002 |
| 4 chrUn32.782 | G | A | 0.3911 | 3996 |
| 4 chrUn32.741 | G | A | 0.1157 | 3986 |
| 4 chrUn32.717 | A | G | 0.3245 | 4000 |
| 4 chrUn32.654 | A | G | 0.06106 | 3996 |
| 4 chrUn32.608 | A | G | 0.3694 | 3998 |
| 4 chrUn32.582 | A | G | 0.1691 | 3980 |
| 4 chrUn32.548 | A | C | 0.2924 | 3954 |
| 4 chrUn32.543 | A | 0 A | 0 | 4010 |
| 4 chrUn32.517 | A | G | 0.2555 | 3996 |
| 4 chrUn32.437 | C | A | 0.2401 | 3956 |
| 4 chrUn32.398 | A | G | 0.3902 | 3988 |
| 4 chrUn32.366 | A | G | 0.2709 | 3994 |
| 4 chrUn32.325 | A | G | 0.009829 | 3866 |
| 4 chrUn32.280 | A | G | 0.4829 | 3976 |
| 4 chrUn32.239 | A | G | 0.3186 | 3980 |
| 4 chrUn32.216 | A | G | 0.3485 | 4000 |
| 4 chrUn32.187 | G | A | 0.3138 | 3964 |
| 4 chrUn32.122 | A | G | 0.2446 | 3998 |
| 4 chrUn32.610 | A | G | 0.2587 | 3950 |
| 4 chrUn32.128 | G | A | 0.1978 | 3984 |
| 4 chrUn15.128 | C | A | 0.446 | 3982 |
| 4 chrUn15.129 | A | C | 0.1591 | 3916 |

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|----------------|---|-----|---------|------|
| 4 chrUn15.129 | G | A | 0.0426 | 3850 |
| 4 chrUn15.130 | A | G | 0.4933 | 4008 |
| 4 chrUn15.131 | C | A | 0.4962 | 3996 |
| 4 chrUn15.134 | C | A | 0.4875 | 3990 |
| 4 chrUn15.134 | A | C | 0.2727 | 3902 |
| 4 chrUn15.135 | A | G | 0.4412 | 3946 |
| 4 chrUn15.135 | G | A | 0.2391 | 3990 |
| 4 chrUn15.136 | A | G | 0.4907 | 3996 |
| 4 chrUn15.136 | C | A | 0.3216 | 3974 |
| 4 chrUn15.137 | A | G | 0.1906 | 4004 |
| 4 chrUn15.137 | G | A | 0.1021 | 4004 |
| 4 chrUn15.138 | A | G | 0.02198 | 4004 |
| 4 chrUn15.138 | C | 0 G | 0 | 4010 |
| 4 chrUn15.138 | C | A | 0.2829 | 4002 |
| 4 chrUn15.138 | A | G | 0.3243 | 4002 |
| 4 chrUn15.139 | A | G | 0.1659 | 3948 |
| 4 chrUn15.139 | A | G | 0.01928 | 3994 |
| 4 chrUn13.177 | G | A | 0.4027 | 3998 |
| 4 chrUn13.176 | A | G | 0.4773 | 4010 |
| 4 chrUn13.175 | A | G | 0.1274 | 3838 |
| 4 chrUn13.175 | A | G | 0.491 | 4000 |
| 4 chrUn13.175 | A | G | 0.4456 | 4008 |
| 4 chrUn13.174 | A | G | 0.4319 | 4008 |
| 4 chrUn13.174 | G | A | 0.06191 | 4006 |
| 4 chrUn13.174 | G | A | 0.2461 | 3998 |
| 4 chrUn13.173 | A | G | 0.1868 | 3998 |
| 4 chrUn13.173 | G | A | 0.08192 | 4004 |
| 4 chrUn13.172 | G | A | 0.1263 | 3984 |
| 4 chrUn.53560 | A | G | 0.4361 | 3992 |
| 4 chrUn13.171 | A | G | 0.3616 | 3980 |
| 4 chrUn13.171 | C | A | 0.102 | 4010 |
| 4 chrUn13.171 | G | A | 0.4642 | 4000 |
| 4 chrUn13.170 | G | A | 0.2842 | 3786 |
| 4 chrUn13.170 | G | A | 0.4486 | 3992 |
| 4 chrB1.175181 | G | A | 0.4331 | 4008 |
| 4 chrB1.17522 | G | A | 0.4687 | 3992 |
| 4 chrB1.60160 | C | A | 0.4817 | 3992 |
| 4 chrB1.17525 | G | A | 0.3772 | 3916 |
| 4 chrB1.17528 | G | A | 0.1041 | 3998 |
| 4 chrB1.17531 | A | G | 0.03964 | 3860 |
| 4 chrB1.17534 | G | A | 0.3342 | 3890 |

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| 4 chrB1.175443C | A | 0.3557 | 4006 |
| 4 chrB1.175490A | G | 0.3331 | 3966 |
| 4 chrB1.175534C | A | 0.354 | 3994 |
| 4 chrB1.175581A | G | 0.09014 | 3916 |
| 4 chrB1.175619A | C | 0.146 | 3918 |
| 4 chrB1.175697A | G | 0.02713 | 3944 |
| 4 chrB1.175744G | A | 0.04545 | 4004 |
| 4 chrB1.175819A | G | 0.2012 | 3976 |
| 4 chrB1.175873A | G | 0.06294 | 4004 |
| 4 chrB1.175912G | A | 0.3358 | 3996 |
| 4 chrB1.175950G | A | 0.4553 | 3982 |
| 4 chrUn.381320A | G | 0.4613 | 3952 |
| 4 chrB1.176002A | G | 0.202 | 4000 |
| 4 chrB1.176112A | G | 0.1187 | 3986 |
| 4 chrB1.176117G | A | 0.4283 | 4002 |
| 4 chrB1.176140A | G | 0.2926 | 3916 |
| 4 chrB1.176195A | G | 0.09489 | 3836 |
| 4 chrB1.176235G | A | 0.06463 | 3930 |
| 4 chrB1.176286A | G | 0.1405 | 4006 |
| 4 chrB1.176368A | G | 0.3472 | 3998 |
| 4 chrB1.176429A | G | 0.3896 | 4002 |
| 4 chrF1.912245A | G | 0.002494 | 4010 |
| 4 chrB1.176467A | G | 0.01149 | 4002 |
| 4 chrB1.176520A | G | 0.4178 | 4000 |
| 4 chrB1.176548A | G | 0.4925 | 3994 |
| 4 chrB1.176602A | G | 0.4563 | 4002 |
| 4 chrB1.176678A | G | 0.1782 | 3984 |
| 4 chrB1.176709G | A | 0.47 | 3996 |
| 4 chrB1.176749A | G | 0.09939 | 3944 |
| 4 chrB1.176810A | G | 0.2937 | 4000 |
| 4 chrB1.176858C | A | 0.4129 | 3986 |
| 4 chrB1.176884A | G | 0.4632 | 4000 |
| 4 chrB1.176960A | G | 0.06009 | 3994 |
| 4 chrB1.177016A | G | 0.054 | 4000 |
| 4 chrD3.538005C | A | 0.05542 | 4006 |
| 4 chrB1.177057G | A | 0.4172 | 3986 |
| 4 chrB1.177105A | C | 0.4165 | 4002 |
| 4 chrB1.177149A | G | 0.3212 | 4000 |
| 4 chrB1.177183A | G | 0.02946 | 4006 |
| 4 chrB1.177234G | A | 0.002775 | 3964 |
| 4 chrB1.177238A | G | 0.2491 | 4002 |

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| 4 chrB1.177282G | A | 0.3423 | 3994 |
| 4 chrB1.177316A | G | 0.0197 | 4010 |
| 4 chrB1.177353A | G | 0.4616 | 4008 |
| 4 chrB1.177473A | G | 0.05947 | 4002 |
| 4 chrB1.177518G | A | 0.47 | 3800 |
| 4 chrB1.177556A | G | 0.4092 | 3996 |
| 4 chrB1.177592A | G | 0.4299 | 3994 |
| 4 chrB1.177625G | A | 0.2158 | 4004 |
| 4 chrB1.177651A | C | 0.3017 | 3994 |
| 4 chrB1.177678G | A | 0.2961 | 3992 |
| 4 chrB1.177712G | A | 0.3283 | 3996 |
| 4 chrB1.177769G | A | 0.3754 | 3996 |
| 4 chrB1.177793A | G | 0.3198 | 4006 |
| 4 chrB1.177822A | G | 0.03007 | 3958 |
| 4 chrA2.16576(A | G | 0.00325 | 4000 |
| 4 chrB1.177846A | G | 0.2459 | 4002 |
| 4 chrB1.177901C | A | 0.2387 | 3992 |
| 4 chrB1.177936A | G | 0.08132 | 3886 |
| 4 chrB1.177964G | A | 0.3382 | 4000 |
| 4 chrB1.177997G | A | 0.2384 | 4010 |
| 4 chrB1.178102C | A | 0.2897 | 3966 |
| 4 chrB1.178128C | A | 0.1295 | 4008 |
| 4 chrB1.178159A | G | 0.09486 | 4006 |
| 4 chrB1.178193A | G | 0.1499 | 3982 |
| 4 chrB1.178243G | A | 0.2745 | 3956 |
| 4 chrB1.178279G | A | 0.1033 | 3930 |
| 4 chrB1.178376A | C | 0.4618 | 4008 |
| 4 chrB1.178436A | G | 0.2842 | 3958 |
| 4 chrUn.15181A | G | 0.4383 | 4004 |
| 4 chrB1.178572A | G | 0.03158 | 3990 |
| 4 chrB1.178602C | A | 0.3836 | 3978 |
| 4 chrB1.178630G | A | 0.2731 | 4006 |
| 4 chrB1.178545C | A | 0.1965 | 3990 |
| 4 chrB1.178696C | A | 0.4449 | 3868 |
| 4 chrB1.178717A | G | 0.481 | 3990 |
| 4 chrB1.178730G | A | 0.2622 | 3924 |
| 4 chrB1.178757G | A | 0.1157 | 4002 |
| 4 chrUn.81143G | A | 0.06631 | 3966 |
| 4 chrB1.178796A | G | 0.205 | 3986 |
| 4 chrB1.178805G | A | 0.04346 | 4004 |
| 4 chrB1.178898C | A | 0.1822 | 3650 |

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| 4 chrB1.178922G | A | 0.3899 | 3968 |
| 4 chrB1.178961A | G | 0.2403 | 4008 |
| 4 chrB1.178988G | A | 0.1488 | 3992 |
| 4 chrB1.179017G | A | 0.005753 | 3998 |
| 4 chrB1.179067A | G | 0.001247 | 4010 |
| 4 chrB1.179096A | G | 0.005506 | 3996 |
| 4 chrB1.179191C | A | 0.3781 | 4010 |
| 4 chrB1.179243A | G | 0.02284 | 3984 |
| 4 chrB1.179296G | A | 0.2684 | 3990 |
| 4 chrB1.179356G | A | 0.2453 | 3914 |
| 4 chrB1.179631G | A | 0.4276 | 4004 |
| 4 chrB1.179736A | G | 0.3688 | 3848 |
| 4 chrB1.179436G | A | 0.1963 | 4004 |
| 4 chrB1.179454A | G | 0.2183 | 4004 |
| 4 chrB1.179482A | G | 0.3992 | 3990 |
| 4 chrB1.179692A | G | 0.1538 | 3952 |
| 4 chrB1.179520G | A | 0.1963 | 3958 |
| 4 chrB1.179551A | C | 0.2169 | 3960 |
| 4 chrB1.179576G | A | 0.2401 | 3944 |
| 4 chrB1.179663G | A | 0.1573 | 3998 |
| 4 chrB1.179861G | A | 0.3995 | 3992 |
| 4 chrB1.179726A | G | 0.3425 | 4000 |
| 4 chrB1.179907G | A | 0.282 | 4000 |
| 4 chrB1.179976A | C | 0.2654 | 4002 |
| 4 chrB1.180018A | G | 0.1466 | 3896 |
| 4 chrB1.180062A | G | 0.2404 | 4002 |
| 4 chrB1.180123A | G | 0.3394 | 4004 |
| 4 chrB1.180186A | G | 0.4094 | 4006 |
| 4 chrB1.180211G | A | 0.4037 | 4000 |
| 4 chrB1.180247G | A | 0.1916 | 3898 |
| 4 chrB1.180310A | G | 0.247 | 3996 |
| 4 chrB1.180337G | A | 0.3025 | 3930 |
| 4 chrB1.180373A | G | 0.1056 | 4006 |
| 4 chrB1.180417G | A | 0.1034 | 3984 |
| 4 chrB1.180441G | A | 0.1829 | 4008 |
| 4 chrB1.180521A | G | 0.1829 | 4002 |
| 4 chrB1.180533G | A | 0.3634 | 3952 |
| 4 chrB1.180585A | G | 0.1891 | 3998 |
| 4 chrB1.180614A | G | 0.4346 | 4004 |
| 4 chrB1.180702A | G | 0.3518 | 4002 |
| 4 chrB1.180737C | A | 0.2817 | 3980 |

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| 4 chrB1.180766 | A | 0.1803 | 3900 |
| 4 chrB1.180833 | G | 0.1818 | 3998 |
| 4 chrB1.180870 | A | 0.281 | 4000 |
| 4 chrB1.180896 | C | 0.2134 | 4006 |
| 4 chrB1.180920 | A | 0.256 | 4004 |
| 4 chrB1.180953 | G | 0.04287 | 3942 |
| 4 chrB1.181018 | G | 0.2593 | 3984 |
| 4 chrB1.181043 | G | 0.08209 | 4008 |
| 4 chrB1.181116 | G | 0.4055 | 3980 |
| 4 chrB1.181151 | G | 0.1561 | 4010 |
| 4 chrB1.181180 | G | 0.3897 | 4006 |
| 4 chrB1.181291 | G | 0.007007 | 3996 |
| 4 chrB1.181331 | G | 0.2381 | 3964 |
| 4 chrUn.40689 | A | 0.1038 | 4006 |
| 4 chrB1.181372 | C | 0.4261 | 4008 |
| 4 chrB1.181395 | G | 0.1325 | 4000 |
| 4 chrB1.181432 | C | 0.2633 | 3996 |
| 4 chrB1.181493 | A | 0.3404 | 3998 |
| 4 chrB1.181526 | G | 0.07183 | 3884 |
| 4 chrB1.181598 | A | 0.4006 | 3994 |
| 4 chrB1.181630 | A | 0.2335 | 4004 |
| 4 chrB1.181667 | G | 0.0443 | 3950 |
| 4 chrB1.181732 | G | 0.4694 | 3950 |
| 4 chrB1.181765 | G | 0.02419 | 4010 |
| 4 chrB1.181792 | G | 0.3328 | 3996 |
| 4 chrX.8460115 | A | 0.4235 | 3998 |
| 4 chrX.8460133 | G | 0.336 | 4006 |
| 4 chrB1.181876 | A | 0.1542 | 4002 |
| 4 chrB1.181903 | G | 0.4468 | 4002 |
| 4 chrB1.181932 | 0 G | 0 | 4006 |
| 4 chrB1.181943 | A | 0.4489 | 3992 |
| 4 chrB1.182036 | C | 0.1267 | 3900 |
| 4 chrB1.182077 | A | 0.4715 | 3996 |
| 4 chrB1.182118 | G | 0.02621 | 4006 |
| 4 chrB1.182175 | A | 0.23 | 3978 |
| 4 chrB1.182210 | G | 0.3646 | 4004 |
| 4 chrB1.182307 | G | 0.413 | 4000 |
| 4 chrB1.182338 | A | 0.3073 | 3980 |
| 4 chrB1.182387 | G | 0.07803 | 3960 |
| 4 chrB1.182445 | G | 0.3811 | 4004 |
| 4 chrB1.182489 | G | 0.3337 | 3992 |

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| 4 chrB1.182525G | A | 0.3687 | 3992 |
| 4 chrB1.182557G | A | 0.273 | 3992 |
| 4 chrB1.182592A | C | 0.1039 | 3888 |
| 4 chrB1.182685A | C | 0.4541 | 3988 |
| 4 chrB1.182712A | G | 0.1484 | 4004 |
| 4 chrB1.182751A | G | 0.03758 | 3858 |
| 4 chrB1.182792G | A | 0.45 | 3940 |
| 4 chrB1.182856G | A | 0.1094 | 3986 |
| 4 chrB1.182907G | A | 0.09269 | 3992 |
| 4 chrB1.183050G | A | 0.03781 | 3756 |
| 4 chrB1.183077A | G | 0.3529 | 3998 |
| 4 chrB1.183112G | A | 0.1266 | 4004 |
| 4 chrB1.183166A | G | 0.09306 | 4008 |
| 4 chrB1.183200A | G | 0.07725 | 4000 |
| 4 chrB1.183225C | A | 0.4823 | 3966 |
| 4 chrB1.183270G | A | 0.3556 | 4002 |
| 4 chrB1.183307C | A | 0.4706 | 3912 |
| 4 chrB1.183376G | A | 0.2559 | 3986 |
| 4 chrB1.183445A | G | 0.3014 | 3836 |
| 4 chrB1.183476G | A | 0.1082 | 4000 |
| 4 chrB1.183502A | G | 0.07713 | 4006 |
| 4 chrB1.183536A | G | 0.4436 | 4004 |
| 4 chrB1.183597G | A | 0.06765 | 4006 |
| 4 chrB1.183643A | G | 0.2311 | 3946 |
| 4 chrB1.183678C | A | 0.06625 | 4000 |
| 4 chrB1.183762A | G | 0.3544 | 4004 |
| 4 chrB1.183796C | A | 0.04434 | 3992 |
| 4 chrB1.183822C | A | 0.3832 | 3904 |
| 4 chrB1.183859G | A | 0.2038 | 3980 |
| 4 chrB1.183913G | A | 0.3898 | 3964 |
| 4 chrB1.183953G | A | 0.043 | 4000 |
| 4 chrB1.183996A | G | 0.1149 | 4004 |
| 4 chrB1.183997A | C | 0.1085 | 3898 |
| 4 chrUn.469190C | A | 0.276 | 4000 |
| 4 chrB1.184038G | A | 0.1336 | 4004 |
| 4 chrB1.184088C | A | 0.03201 | 3936 |
| 4 chrB1.184146A | G | 0.1548 | 4004 |
| 4 chrB1.184212A | G | 0.226 | 3660 |
| 4 chrB1.184299A | G | 0.1524 | 3918 |
| 4 chrB1.184491C | A | 0.4768 | 3786 |
| 4 chrB1.184502A | G | 0.06194 | 3988 |

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| 4 chrB1.184550A | G | 0.1883 | 3994 |
| 4 chrB1.184624A | C | 0.1637 | 4008 |
| 4 chrUn.410497C | A | 0.103 | 3912 |
| 4 chrB1.184671G | A | 0.1385 | 3994 |
| 4 chrB1.184765A | C | 0.2216 | 3984 |
| 4 chrB1.184827A | G | 0.07182 | 3982 |
| 4 chrB1.184856A | G | 0.3077 | 3952 |
| 4 chrB1.184872C | A | 0.006238 | 4008 |
| 4 chrB1.184899A | G | 0.09383 | 3954 |
| 4 chrB1.184958A | C | 0.2978 | 4006 |
| 4 chrB1.184998G | A | 0.2151 | 3994 |
| 4 chrB1.185055A | G | 0.2305 | 3978 |
| 4 chrB1.185107C | A | 0.1578 | 3854 |
| 4 chrB1.185193C | A | 0.05891 | 4006 |
| 4 chrB1.185227A | C | 0.3347 | 4004 |
| 4 chrB1.185255A | G | 0.2554 | 3904 |
| 4 chrUn.526063A | G | 0.172 | 3774 |
| 4 chrB1.185320A | C | 0.4469 | 3970 |
| 4 chrB1.185389A | G | 0.3541 | 3988 |
| 4 chrB1.185414C | A | 0.2485 | 3984 |
| 4 chrB1.185525G | A | 0.09661 | 4006 |
| 4 chrB1.185556G | A | 0.09875 | 4010 |
| 4 chrB1.185614A | G | 0.1997 | 3920 |
| 4 chrB1.185641A | G | 0.1952 | 3914 |
| 4 chrB1.185702A | G | 0.07363 | 3898 |
| 4 chrB1.185769G | A | 0.1914 | 3992 |
| 4 chrB1.185794A | G | 0.05774 | 3966 |
| 4 chrB1.185880A | G | 0.02868 | 4010 |
| 4 chrB1.185935A | G | 0.4094 | 3984 |
| 4 chrB1.185960A | C | 0.1945 | 4010 |
| 4 chrB1.185999G | A | 0.4332 | 3984 |
| 4 chrB1.186021A | G | 0.1711 | 3998 |
| 4 chrB1.186046 | 0 A | 0 | 4010 |
| 4 chrB1.186090C | A | 0.2132 | 3766 |
| 4 chrB1.186130A | G | 0.4485 | 3962 |
| 4 chrB1.186173G | A | 0.4907 | 3994 |
| 4 chrB1.186282G | A | 0.1327 | 3986 |
| 4 chrB1.186305A | C | 0.2684 | 3998 |
| 4 chrB1.186327G | A | 0.01302 | 3994 |
| 4 chrUn.245128G | A | 0.1887 | 4002 |
| 4 chrB1.186385G | A | 0.2399 | 4002 |

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| 4 chrB1.186415A | C | 0.01077 | 3992 |
| 4 chrB1.186467G | A | 0.2582 | 4000 |
| 4 chrB1.186512A | G | 0.255 | 3984 |
| 4 chrB1.186537A | G | 0.04286 | 3966 |
| 4 chrB1.186603G | A | 0.3305 | 3988 |
| 4 chrB1.186679A | G | 0.2359 | 3794 |
| 4 chrB1.186726G | A | 0.07833 | 3996 |
| 4 chrB1.186814G | A | 0.2783 | 3996 |
| 4 chrB1.186929A | C | 0.3025 | 3950 |
| 4 chrB1.186974C | A | 0.0975 | 3836 |
| 4 chrB1.187028G | A | 0.29 | 3972 |
| 4 chrUn.628073A | G | 0.2242 | 3800 |
| 4 chrB1.187060A | G | 0.003992 | 4008 |
| 4 chrB1.187060G | A | 0.04077 | 3998 |
| 4 chrB1.187089C | A | 0.06866 | 3670 |
| 4 chrB1.187140C | A | 0.3024 | 3968 |
| 4 chrB1.187205A | G | 0.1038 | 3978 |
| 4 chrB1.187282G | A | 0.4315 | 3970 |
| 4 chrB1.187340A | C | 0.0699 | 4006 |
| 4 chrB1.187387A | G | 0.0512 | 4004 |
| 4 chrB1.187520A | G | 0.3086 | 3992 |
| 4 chrUn.274683G | A | 0.1005 | 3952 |
| 4 chrB1.187579G | A | 0.07096 | 4002 |
| 4 chrB1.187595G | A | 0.1078 | 3952 |
| 4 chrB1.187636G | A | 0.3131 | 3794 |
| 4 chrB1.187668G | A | 0.1605 | 3956 |
| 4 chrB1.187699A | G | 0.1888 | 4010 |
| 4 chrB1.187751G | A | 0.03389 | 3984 |
| 4 chrB1.187796A | G | 0.1861 | 3982 |
| 4 chrB1.187850C | A | 0.3904 | 4006 |
| 4 chrB1.187884A | C | 0.4846 | 3960 |
| 4 chrB1.187927G | A | 0.08832 | 3974 |
| 4 chrUn.617781C | A | 0.2417 | 3980 |
| 4 chrUn13.1701 | 0 C | 0 | 4010 |
| 4 chrUn13.1701A | C | 0.01013 | 3948 |
| 4 chrUn13.1691G | A | 0.009232 | 4008 |
| 4 chrUn13.1691C | A | 0.07785 | 3828 |
| 4 chrUn13.1684C | A | 0.02602 | 3920 |
| 4 chrUn13.1681C | A | 0.1814 | 4002 |
| 4 chrUn13.1671A | G | 0.3227 | 3948 |
| 4 chrUn13.1674A | C | 0.1078 | 3988 |

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| 4 chrUn13.167(G | A | 0.03693 | 4008 |
| 4 chrUn13.166(A | G | 0.1809 | 3782 |
| 4 chrUn13.166(A | C | 0.1025 | 4008 |
| 4 chrUn13.165(C | A | 0.04623 | 4002 |
| 4 chrUn13.165(A | G | 0.2186 | 3880 |
| 4 chrUn13.164(G | A | 0.3898 | 3994 |
| 4 chrUn13.164(G | A | 0.02325 | 4000 |
| 4 chrUn13.163(A | G | 0.2313 | 3960 |
| 4 chrUn13.162(A | G | 0.4663 | 4008 |
| 4 chrUn13.161(G | A | 0.1033 | 3958 |
| 4 chrUn13.161(A | G | 0.1093 | 3826 |
| 4 chrUn13.160(A | G | 0.2139 | 3974 |
| 4 chrUn13.160(G | A | 0.2561 | 4002 |
| 4 chrUn13.159(A | C | 0.05588 | 3794 |
| 4 chrUn13.158(A | G | 0.3391 | 3878 |
| 4 chrUn13.158(A | G | 0.4212 | 3974 |
| 4 chrUn.51735(G | C | 0.4716 | 3980 |
| 4 chrUn13.157(G | A | 0.0134 | 3954 |
| 4 chrUn13.157(C | A | 0.2861 | 3712 |
| 4 chrUn13.157(A | G | 0.02099 | 4002 |
| 4 chrUn.28744(A | G | 0.1904 | 3870 |
| 4 chrUn13.155(A | G | 0.03323 | 3822 |
| 4 chrUn13.155(A | G | 0.3589 | 4004 |
| 4 chrUn.10981(G | A | 0.37 | 3816 |
| 4 chrUn13.155(G | A | 0.2166 | 3994 |
| 4 chrUn13.154(A | G | 0.1357 | 4002 |
| 4 chrUn.62665(A | C | 0.204 | 3824 |
| 4 chrUn13.154(G | A | 0.06842 | 3990 |
| 4 chrUn13.154(G | A | 0.2253 | 3986 |
| 4 chrUn13.153(A | G | 0.0737 | 3962 |
| 4 chrUn13.153(A | C | 0.07207 | 4010 |
| 4 chrUn13.152(C | A | 0.3879 | 3980 |
| 4 chrUn13.152(A | G | 0.2795 | 3996 |
| 4 chrUn13.151(A | G | 0.193 | 3990 |
| 4 chrUn13.151(A | G | 0.3777 | 3998 |
| 4 chrUn13.151(G | A | 0.06025 | 3950 |
| 4 chrUn13.151(C | A | 0.3536 | 3996 |
| 4 chrUn13.150(A | G | 0.1267 | 3978 |
| 4 chrUn13.150(A | G | 0.04464 | 4010 |
| 4 chrUn13.149(A | G | 0.02594 | 3816 |
| 4 chrUn.68005(A | G | 0.2979 | 4008 |

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| 4 chrUn13.149!A | C | 0.05418 | 3950 |
| 4 chrUn13.149!A | G | 0.03779 | 3996 |
| 4 chrUn13.148!A | G | 0.2311 | 3972 |
| 4 chrUn13.148!C | A | 0.06507 | 3996 |
| 4 chrUn13.148!A | G | 0.1209 | 3888 |
| 4 chrUn13.147!A | G | 0.2025 | 3902 |
| 4 chrUn13.146!G | A | 0.1686 | 4004 |
| 4 chrUn13.145!C | A | 0.1363 | 3984 |
| 4 chrUn13.145!A | G | 0.2354 | 3984 |
| 4 chrUn13.144!A | G | 0.02522 | 3926 |
| 4 chrUn13.144!A | G | 0.1322 | 4008 |
| 4 chrUn13.144!A | G | 0.3618 | 4008 |
| 4 chrUn13.143!A | G | 0.01505 | 3854 |
| 4 chrUn.66737!A | G | 0.1314 | 4004 |
| 4 chrUn13.143!A | G | 0.4957 | 3998 |
| 4 chrUn13.142!A | G | 0.02725 | 4000 |
| 4 chrUn13.142!G | A | 0.09237 | 3984 |
| 4 chrUn13.141!A | G | 0.03609 | 3990 |
| 4 chrUn13.141!A | G | 0.2529 | 3942 |
| 4 chrUn13.141!A | G | 0.05768 | 3866 |
| 4 chrUn13.140!A | G | 0.03798 | 3976 |
| 4 chrUn13.140!G | A | 0.01198 | 4008 |
| 4 chrUn13.140!A | G | 0.136 | 3830 |
| 4 chrUn13.139!C | A | 0.444 | 3914 |
| 4 chrUn13.138!G | A | 0.4815 | 3992 |
| 4 chrUn13.137!A | G | 0.4211 | 3914 |
| 4 chrUn13.137!A | G | 0.009949 | 3920 |
| 4 chrUn13.137!A | G | 0.2835 | 4004 |
| 4 chrUn.33771!C | A | 0.2023 | 4004 |
| 4 chrUn13.136!C | A | 0.2389 | 4002 |
| 4 chrUn13.136!A | C | 0.05075 | 4000 |
| 4 chrUn13.135!G | A | 0.2401 | 3978 |
| 4 chrUn13.135!G | A | 0.3559 | 3998 |
| 4 chrUn13.135!A | G | 0.1089 | 3922 |
| 4 chrUn13.134!A | C | 0.3459 | 3964 |
| 4 chrUn13.133!A | G | 0.1327 | 4010 |
| 4 chrUn13.133!G | A | 0.2191 | 3980 |
| 4 chrUn13.133!A | G | 0.04146 | 4004 |
| 4 chrUn13.132!A | G | 0.01833 | 3928 |
| 4 chrUn13.131!G | A | 0.4659 | 3994 |
| 4 chrUn13.131!G | A | 0.1707 | 4006 |

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| 4 chrUn13.1307G | A | 0.337 | 3964 |
| 4 chrUn13.1299G | A | 0.04496 | 4004 |
| 4 chrUn13.1296G | A | 0.1335 | 3978 |
| 4 chrUn13.1297A | G | 0.3034 | 3972 |
| 4 chrUn.43166A | G | 0.1911 | 3814 |
| 4 chrUn13.1296G | A | 0.1505 | 3986 |
| 4 chrUn13.1289G | A | 0.4272 | 3996 |
| 4 chrUn13.1279G | A | 0.3565 | 4000 |
| 4 chrUn.16514G | A | 0.06667 | 3750 |
| 4 chrUn13.1277A | G | 0.3331 | 3864 |
| 4 chrUn13.1276G | A | 0.4663 | 4000 |
| 4 chrUn13.1267A | G | 0.472 | 3994 |
| 4 chrUn13.1267C | A | 0.4733 | 4002 |
| 4 chrUn13.1267G | A | 0.4271 | 3976 |
| 4 chrUn.43006A | G | 0.275 | 3974 |
| 4 chrB1.193729A | G | 0.04198 | 4002 |
| 4 chrB1.193678A | G | 0.09414 | 3994 |
| 4 chrB1.193677 | 0 G | 0 | 4006 |
| 4 chrB1.193639A | G | 0.127 | 3954 |
| 4 chrB1.193637G | A | 0.05264 | 4008 |
| 4 chrB1.193566A | G | 0.05153 | 3998 |
| 4 chrB1.193539A | G | 0.2823 | 4006 |
| 4 chrB1.193496A | G | 0.1089 | 3994 |
| 4 chrUn.347277G | A | 0.1687 | 4006 |
| 4 chrB1.193447A | C | 0.4438 | 3770 |
| 4 chrB1.193418G | A | 0.2085 | 3956 |
| 4 chrB1.193387C | A | 0.2366 | 3982 |
| 4 chrB1.193351A | G | 0.2816 | 3942 |
| 4 chrB1.193329G | A | 0.256 | 3886 |
| 4 chrB1.193288G | A | 0.1055 | 3990 |
| 4 chrB1.193257A | G | 0.05 | 4000 |
| 4 chrB1.193181A | G | 0.2685 | 3996 |
| 4 chrB1.193148G | A | 0.2643 | 3984 |
| 4 chrB1.193087A | C | 0.2147 | 3996 |
| 4 chrB1.193039C | A | 0.3153 | 4002 |
| 4 KIT_E6_GloveA | C | 0.2001 | 4008 |
| 4 chrB1.192991G | A | 0.3341 | 4002 |
| 4 chrB1.192947A | G | 0.21 | 3986 |
| 4 chrB1.192919A | G | 0.4206 | 3930 |
| 4 chrB1.192871G | A | 0.2457 | 4000 |
| 4 chrB1.192811A | G | 0.3751 | 3994 |

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|-----------------|---|---------|------|
| 4 chrB1.192781A | C | 0.2372 | 3882 |
| 4 chrB1.192754A | G | 0.2324 | 4002 |
| 4 chrB1.192725G | A | 0.3888 | 4002 |
| 4 chrB1.192672A | G | 0.2572 | 4000 |
| 4 chrB1.192640A | G | 0.1001 | 3988 |
| 4 chrB1.192602G | A | 0.08087 | 3994 |
| 4 chrB1.192569G | A | 0.4023 | 3992 |
| 4 chrB1.192510A | G | 0.0781 | 3982 |
| 4 chrB1.192449G | A | 0.07408 | 3982 |
| 4 chrB1.192394G | A | 0.4507 | 3998 |
| 4 chrB1.192295A | G | 0.3834 | 3970 |
| 4 chrB1.192266A | G | 0.151 | 4006 |
| 4 chrB1.192243C | A | 0.4938 | 3684 |
| 4 chrB1.192206G | A | 0.02231 | 3990 |
| 4 chrB1.192164C | A | 0.2331 | 3994 |
| 4 chrB1.192115G | A | 0.4485 | 4000 |
| 4 chrB1.192081A | G | 0.1066 | 3988 |
| 4 chrB1.192049G | A | 0.1074 | 3966 |
| 4 chrB1.192023A | G | 0.2431 | 3998 |
| 4 chrB1.191937A | G | 0.3022 | 3716 |
| 4 chrB1.191895A | G | 0.4345 | 3998 |
| 4 chrB1.191847A | G | 0.1948 | 4000 |
| 4 chrB1.191799G | A | 0.3199 | 3992 |
| 4 chrB1.191794G | A | 0.3199 | 3908 |
| 4 chrB1.191724A | C | 0.4965 | 3962 |
| 4 chrB1.191695G | A | 0.3568 | 4002 |
| 4 chrB1.191637G | A | 0.04913 | 4010 |
| 4 chrB1.191600A | G | 0.2139 | 3998 |
| 4 chrB1.191595A | C | 0.1108 | 4000 |
| 4 chrB1.191547A | G | 0.2442 | 3952 |
| 4 chrB1.191481A | G | 0.0342 | 4006 |
| 4 chrB1.191434A | G | 0.4792 | 3996 |
| 4 chrB1.191357A | G | 0.2653 | 3882 |
| 4 chrB1.191311A | G | 0.06041 | 4006 |
| 4 chrB1.191287G | A | 0.0851 | 3972 |
| 4 chrB1.191225A | C | 0.2682 | 3952 |
| 4 chrB1.191198A | G | 0.1392 | 4008 |
| 4 chrB1.191080G | A | 0.05938 | 4008 |
| 4 chrB1.191018G | A | 0.2145 | 3926 |
| 4 chrB1.190988G | A | 0.1604 | 3984 |
| 4 chrB1.190938A | G | 0.249 | 3992 |

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| 4 chrB1.190891A | G | 0.3842 | 3990 |
| 4 chrB1.190843A | C | 0.2113 | 3994 |
| 4 chrB1.190791G | A | 0.2274 | 4002 |
| 4 chrB1.190761A | G | 0.1374 | 4004 |
| 4 chrB1.190609A | G | 0.2236 | 3994 |
| 4 chrB1.190500A | G | 0.1148 | 3886 |
| 4 chrB1.190435G | A | 0.4538 | 3962 |
| 4 chrB1.190391A | G | 0.4498 | 4002 |
| 4 chrB1.190343A | G | 0.254 | 3976 |
| 4 chrB1.190337G | A | 0.2719 | 3994 |
| 4 chrB1.190318G | A | 0.08583 | 4008 |
| 4 chrB1.190268A | C | 0.3996 | 3994 |
| 4 chrB1.190235G | A | 0.4546 | 3964 |
| 4 chrB1.190146A | G | 0.03623 | 4002 |
| 4 chrB1.190024A | G | 0.2622 | 3986 |
| 4 chrB1.189987A | G | 0.3917 | 3998 |
| 4 chrB1.189886A | G | 0.2647 | 3842 |
| 4 chrB1.189857G | A | 0.2746 | 3984 |
| 4 chrB1.189820A | C | 0.02057 | 3986 |
| 4 chrB1.189779A | G | 0.03123 | 3746 |
| 4 chrB1.189750A | G | 0.3755 | 3856 |
| 4 chrB1.189690A | G | 0.3421 | 4002 |
| 4 chrB1.189636G | A | 0.2712 | 3982 |
| 4 chrB1.189628A | C | 0.117 | 3982 |
| 4 chrB1.189579A | G | 0.134 | 3880 |
| 4 chrB1.189533A | G | 0.4953 | 4002 |
| 4 chrB1.189445A | G | 0.3792 | 4000 |
| 4 chrB1.189309G | A | 0.2629 | 3998 |
| 4 chrB1.189269A | C | 0.2203 | 3962 |
| 4 chrB1.189241G | A | 0.05342 | 4006 |
| 4 chrB1.189193A | G | 0.2506 | 4002 |
| 4 chrB1.189155A | G | 0.05506 | 3996 |
| 4 chrB1.189130C | A | 0.3243 | 3968 |
| 4 chrB1.189106A | C | 0.05711 | 3992 |
| 4 chrB1.189046A | C | 0.1344 | 3818 |
| 4 chrB1.188969A | G | 0.3259 | 3998 |
| 4 chrB1.188910A | G | 0.2748 | 3978 |
| 4 chrB1.188881A | G | 0.2702 | 4000 |
| 4 chrB1.188839A | G | 0.389 | 3992 |
| 4 chrB1.188795C | A | 0.0002495 | 4008 |
| 4 chrB1.188751A | G | 0.3546 | 3996 |

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| 4 chrB1.188707A | G | 0.2966 | 4002 |
| 4 chrB1.188667A | G | 0.1456 | 3860 |
| 4 chrB1.188636A | G | 0.02021 | 4008 |
| 4 chrB1.188585A | G | 0.458 | 4004 |
| 4 chrB1.188538A | G | 0.1285 | 3946 |
| 4 chrB1.188505G | A | 0.2587 | 3796 |
| 4 chrB1.188478A | C | 0.131 | 3984 |
| 4 chrB1.188442G | A | 0.1041 | 4006 |
| 4 chrB1.188367A | C | 0.03305 | 3994 |
| 4 chrB1.188335G | A | 0.09294 | 3992 |
| 4 chrB1.188265G | A | 0.4955 | 4006 |
| 4 chrB1.188241A | C | 0.04593 | 4006 |
| 4 chrB1.188217A | G | 0.4975 | 4004 |
| 4 chrB1.188132A | G | 0.1259 | 3988 |
| 4 chrB1.188048A | G | 0.4602 | 3990 |
| 4 chrUn13.1253G | A | 0.252 | 4004 |
| 4 chrUn13.1247A | C | 0.1844 | 3974 |
| 4 chrUn13.1246G | A | 0.4972 | 4000 |
| 4 chrUn13.1237A | G | 0.02693 | 4010 |
| 4 chrUn13.1236A | C | 0.209 | 4004 |
| 4 chrUn13.1236A | G | 0.4829 | 3974 |
| 4 chrUn13.1229G | A | 0.1664 | 3972 |
| 4 chrB1.107819G | A | 0.01823 | 4004 |
| 4 chrB1.107856G | A | 0.2011 | 3998 |
| 4 chrB1.107881G | A | 0.01229 | 3988 |
| 4 chrB1.107962A | G | 0.1568 | 4006 |
| 4 chrB1.108034G | A | 0.3207 | 3988 |
| 4 chrUn13.1227A | G | 0.3217 | 4000 |
| 4 chrUn13.1226G | A | 0.1061 | 4006 |
| 4 chrUn13.1216A | C | 0.3472 | 4000 |
| 4 chrUn13.1217A | G | 0.141 | 3994 |
| 4 chrUn13.1207A | C | 0.2707 | 4004 |
| 4 chrUn13.1206A | G | 0.3552 | 3998 |
| 4 chrUn13.1198A | G | 0.1425 | 4006 |
| 4 chrUn13.1199G | A | 0.05489 | 4008 |
| 4 chrUn13.1178A | G | 0.4051 | 3994 |
| 4 chrUn13.1176A | G | 0.1652 | 3946 |
| 4 chrUn.274199A | G | 0.1624 | 3866 |
| 4 chrUn13.1168A | G | 0.06283 | 3836 |
| 4 chrUn13.1166G | A | 0.07 | 4000 |
| 4 chrUn13.1166A | G | 0.2999 | 3984 |

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| 4 chrUn13.115A | G | 0.05816 | 4006 |
| 4 chrUn13.115G | A | 0.111 | 3910 |
| 4 chrUn13.115(A | G | 0.04358 | 3970 |
| 4 chrUn13.114(A | C | 0.3695 | 3986 |
| 4 chrUn13.114G | A | 0.314 | 4006 |
| 4 chrUn13.113A | G | 0.04743 | 4006 |
| 4 chrUn.20597A | G | 0.2173 | 3994 |
| 4 chrUn13.113(G | A | 0.08778 | 3896 |
| 4 chrUn13.113(C | A | 0.1677 | 3954 |
| 4 chrUn13.112(A | G | 0.1069 | 3790 |
| 4 chrUn13.111G | A | 0.3109 | 3944 |
| 4 chrUn13.111(A | G | 0.3801 | 3888 |
| 4 chrUn13.110C | A | 0.2516 | 4002 |
| 4 chrUn13.110A | G | 0.06026 | 3684 |
| 4 chrUn13.109(G | A | 0.4064 | 3994 |
| 4 chrUn13.109G | A | 0.4298 | 3990 |
| 4 chrUn13.108(C | A | 0.4095 | 3988 |
| 4 chrUn13.108A | G | 0.2828 | 4006 |
| 4 chrUn13.107G | A | 0.05919 | 4004 |
| 4 chrUn13.106G | A | 0.4919 | 3956 |
| 4 chrUn13.106A | C | 0.2695 | 3992 |
| 4 chrUn13.105G | A | 0.3736 | 3988 |
| 4 chrUn13.105A | A | 0.384 | 3992 |
| 4 chrUn13.105C | A | 0.298 | 3970 |
| 4 chrUn13.104G | A | 0.2126 | 3914 |
| 4 chrUn13.104G | A | 0.1936 | 4008 |
| 4 chrUn13.102G | A | 0.3068 | 3872 |
| 4 chrUn13.102A | A | 0.2569 | 4002 |
| 4 chrUn13.101A | G | 0.269 | 3996 |
| 4 chrUn13.101G | A | 0.466 | 3976 |
| 4 chrUn13.101A | G | 0.2455 | 4000 |
| 4 chrUn13.100G | A | 0.08412 | 4006 |
| 4 chrUn13.100G | A | 0.3981 | 3984 |
| 4 chrUn13.996A | G | 0.2284 | 3966 |
| 4 chrUn13.996(C | A | 0.1992 | 3890 |
| 4 chrUn13.993A | G | 0.3535 | 4006 |
| 4 chrUn13.988G | A | 0.2356 | 4006 |
| 4 chrUn13.982G | A | 0.3506 | 3996 |
| 4 chrUn13.979G | A | 0.1072 | 3994 |
| 4 chrUn13.971C | A | 0.09657 | 3852 |
| 4 chrUn13.970C | A | 0.2612 | 3982 |

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|---------------|---|---|----------|------|
| 4 chrUn13.965 | A | G | 0.4405 | 3998 |
| 4 chrUn13.958 | A | G | 0.2753 | 3966 |
| 4 chrUn13.949 | A | G | 0.4213 | 3772 |
| 4 chrUn13.943 | G | A | 0.3123 | 4006 |
| 4 chrUn13.940 | C | A | 0.08733 | 4008 |
| 4 chrUn13.935 | A | G | 0.03829 | 3996 |
| 4 chrUn13.929 | C | A | 0.03796 | 4004 |
| 4 chrUn13.924 | A | G | 0.1091 | 3996 |
| 4 chrUn13.918 | G | A | 0.2005 | 3990 |
| 4 chrUn13.915 | A | C | 0.09758 | 3966 |
| 4 chrUn13.913 | A | G | 0.3679 | 3996 |
| 4 chrUn13.909 | A | G | 0.2209 | 4002 |
| 4 chrUn13.904 | A | G | 0.05269 | 3910 |
| 4 chrUn13.896 | C | A | 0.08137 | 3982 |
| 4 chrUn13.893 | G | A | 0.2585 | 4008 |
| 4 chrUn13.892 | G | A | 0.2568 | 4000 |
| 4 chrUn.55008 | A | G | 0.4498 | 3922 |
| 4 chrUn13.889 | C | A | 0.2479 | 3990 |
| 4 chrUn13.886 | G | A | 0.4536 | 3964 |
| 4 chrUn13.883 | G | A | 0.2084 | 3992 |
| 4 chrUn13.879 | A | G | 0.2703 | 3900 |
| 4 chrUn13.874 | C | A | 0.002495 | 4008 |
| 4 chrUn13.866 | G | A | 0.404 | 4002 |
| 4 chrUn13.864 | G | A | 0.2312 | 3984 |
| 4 chrUn13.862 | G | A | 0.1622 | 3996 |
| 4 chrUn13.857 | A | G | 0.3504 | 3978 |
| 4 chrUn13.849 | A | C | 0.2945 | 4000 |
| 4 chrUn13.846 | A | G | 0.3051 | 3992 |
| 4 chrUn13.842 | A | C | 0.3698 | 4002 |
| 4 chrUn13.838 | A | G | 0.1076 | 4006 |
| 4 chrUn13.833 | G | A | 0.465 | 3948 |
| 4 chrUn13.830 | A | C | 0.07449 | 3826 |
| 4 chrUn13.826 | G | A | 0.3714 | 4004 |
| 4 chrUn13.820 | A | G | 0.3891 | 3986 |
| 4 chrUn13.815 | C | A | 0.416 | 3856 |
| 4 chrUn13.812 | A | G | 0.2995 | 3970 |
| 4 chrUn13.811 | A | C | 0.2951 | 4002 |
| 4 chrUn13.808 | G | A | 0.3176 | 3926 |
| 4 chrUn13.801 | G | A | 0.467 | 3994 |
| 4 chrUn13.792 | A | G | 0.1435 | 3992 |
| 4 chrUn13.781 | G | A | 0.1622 | 3964 |

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| 4 chrUn13.773! | A | G | 0.3834 | 3988 |
| 4 chrUn13.767! | G | A | 0.2792 | 3976 |
| 4 chrD3.65427! | A | G | 0.1756 | 4008 |
| 4 chrD3.65456! | A | C | 0.1926 | 3878 |
| 4 chrD3.65549! | A | G | 0.2162 | 3996 |
| 4 chrD3.65619! | G | A | 0.1114 | 3984 |
| 4 chrB1.19608! | C | A | 0.1746 | 3918 |
| 4 chrB1.19608! | G | A | 0.0369 | 3984 |
| 4 chrD3.65731! | A | G | 0.1056 | 3996 |
| 4 chrC1.26564! | G | A | 0.1807 | 3978 |
| 4 chrC1.26636! | G | A | 0.1669 | 4002 |
| 4 chrC1.26672! | A | G | 0.3536 | 4004 |
| 4 chrB1.19617! | G | A | 0.4494 | 3994 |
| 4 chrB1.19621! | A | G | 0.05532 | 3832 |
| 4 chrC1.26766! | G | A | 0.4932 | 3998 |
| 4 chrC1.26797! | A | G | 0.1892 | 4002 |
| 4 chrB1.19625! | G | A | 0.2705 | 4004 |
| 4 chrC1.26860! | C | A | 0.3271 | 3852 |
| 4 chrC1.26968! | G | A | 0.289 | 4004 |
| 4 chrC1.27022! | G | A | 0.2204 | 3998 |
| 4 chrUn.74509! | G | A | 0.3303 | 3996 |
| 4 chrB1.19641! | G | A | 0.1943 | 3998 |
| 4 chrB1.19645! | G | A | 0.413 | 4002 |
| 4 chrB1.19651! | A | G | 0.1017 | 3994 |
| 4 chrB1.19653! | A | C | 0.2866 | 3998 |
| 4 chrB1.19656! | G | A | 0.1022 | 4002 |
| 4 chrB1.19660! | A | G | 0.2538 | 3984 |
| 4 chrB1.19662! | A | C | 0.083 | 4000 |
| 4 chrB1.19667! | G | A | 0.08775 | 4000 |
| 4 chrB1.19670! | G | A | 0.1462 | 3850 |
| 4 chrB1.19673! | C | A | 0.489 | 4000 |
| 4 chrB1.19681! | A | G | 0.08966 | 4004 |
| 4 chrB1.19687! | G | A | 0.4039 | 3996 |
| 4 chrB1.19690! | G | A | 0.01949 | 4002 |
| 4 chrB1.19693! | G | A | 0.339 | 3914 |
| 4 chrB1.19698! | A | G | 0.01001 | 3998 |
| 4 chrB1.19701! | A | G | 0.03746 | 4004 |
| 4 chrB1.19705! | G | A | 0.2052 | 3992 |
| 4 chrB1.19722! | A | C | 0.05572 | 4002 |
| 4 chrB1.19726! | G | A | 0.0931 | 3856 |
| 4 chrB1.19729! | A | G | 0.1524 | 3910 |

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|-----------------|---|----------|------|
| 4 chrB1.19737C | A | 0.3178 | 3984 |
| 4 chrB1.19744C | A | 0.0904 | 3916 |
| 4 chrB1.19748C | A | 0.3755 | 4000 |
| 4 chrB1.19758C | A | 0.1487 | 4000 |
| 4 chrB1.19762C | A | 0.3907 | 3990 |
| 4 chrB1.19766C | A | 0 | 4006 |
| 4 chrB1.19769C | A | 0.1974 | 3966 |
| 4 chrB1.19772C | A | 0.3285 | 3918 |
| 4 chrB1.19776C | A | 0.003746 | 4004 |
| 4 chrB1.19778C | A | 0.179 | 4000 |
| 4 chrB1.19782C | A | 0.415 | 3998 |
| 4 chrB1.19790C | A | 0.0865 | 3630 |
| 4 chrB1.19794C | A | 0.008118 | 3942 |
| 4 chrB1.19805C | A | 0.2459 | 4002 |
| 4 chrB1.19810C | A | 0.1228 | 3998 |
| 4 chrB1.19817C | A | 0.1447 | 3982 |
| 4 chrB1.19821C | A | 0.09476 | 4010 |
| 4 chrB1.19827C | A | 0.01074 | 4002 |
| 4 chrB1.19832C | A | 0.468 | 4002 |
| 4 chrB1.19835C | A | 0.1587 | 4008 |
| 4 chrB1.19840C | A | 0.2427 | 3980 |
| 4 chrB1.19844C | A | 0.1058 | 4008 |
| 4 chrB1.19847C | A | 0.4476 | 3954 |
| 4 chrB1.19854C | A | 0.02506 | 3950 |
| 4 chrB1.19862C | A | 0.0948 | 3734 |
| 4 chrB1.19866C | A | 0.1701 | 4004 |
| 4 chrB1.19870C | A | 0.1794 | 3996 |
| 4 chrB1.19874C | A | 0.1264 | 3978 |
| 4 chrB1.19877C | A | 0.2877 | 3966 |
| 4 chrB1.19881C | A | 0.3961 | 3996 |
| 4 chrB1.19885C | A | 0.1005 | 3990 |
| 4 chrB1.19887C | A | 0.4576 | 3942 |
| 4 chrB1.19890C | A | 0.3873 | 3994 |
| 4 chrB1.19897C | A | 0.2149 | 4002 |
| 4 chrB1.19899C | A | 0.3078 | 3990 |
| 4 chrB1.19904C | A | 0.3016 | 3986 |
| 4 chrX.3917837C | A | 0.4563 | 3818 |
| 4 chrB1.19907C | A | 0.265 | 3838 |
| 4 chrB1.19913C | A | 0.4109 | 3996 |
| 4 chrB1.19918C | A | 0.08362 | 4006 |
| 4 chrB1.19921C | A | 0.03821 | 4004 |

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| 4 chrB1.199235A | G | 0.3 | 3990 |
| 4 chrB1.199265A | G | 0.1483 | 3998 |
| 4 chrB1.199325A | G | 0.07959 | 4008 |
| 4 chrB1.199365A | G | 0.2197 | 3996 |
| 4 chrB1.199391G | A | 0.02921 | 4006 |
| 4 chrB1.199427C | A | 0.09341 | 4004 |
| 4 chrB1.199457A | G | 0.1976 | 4004 |
| 4 chrB1.199488A | G | 0.3482 | 3958 |
| 4 chrB1.199514A | G | 0.2846 | 4006 |
| 4 chrB1.199556G | A | 0.2941 | 4002 |
| 4 chrB1.199607G | A | 0.179 | 4000 |
| 4 chrB1.199617C | A | 0.3307 | 4000 |
| 4 chrB1.199657A | G | 0.2819 | 3994 |
| 4 chrB1.199815A | G | 0.3329 | 4004 |
| 4 chrB1.199845A | G | 0.3276 | 4002 |
| 4 chrB1.199934A | G | 0.3042 | 3984 |
| 4 chrB1.199993C | A | 0.0694 | 3804 |
| 4 chrB1.200022A | G | 0.02974 | 4002 |
| 4 chrB1.200055A | G | 0.102 | 3882 |
| 4 chrB1.200056G | A | 0.07508 | 3996 |
| 4 chrB1.200207A | G | 0.1549 | 3808 |
| 4 chrB1.200157A | G | 0.09713 | 3624 |
| 4 chrUn.571333A | G | 0.2802 | 3868 |
| 4 chrB1.200100A | G | 0.08425 | 4000 |
| 4 chrB1.200245A | G | 0.336 | 4000 |
| 4 chrB1.200305G | A | 0.125 | 3928 |
| 4 chrB1.200362G | A | 0.2077 | 3996 |
| 4 chrB1.200370A | G | 0.3353 | 3996 |
| 4 chrB1.200390A | G | 0.2407 | 3988 |
| 4 chrB1.200417A | G | 0.4373 | 4002 |
| 4 chrB1.200465A | G | 0.4962 | 3992 |
| 4 chrB1.200492A | G | 0.2205 | 4000 |
| 4 chrB1.200543G | A | 0.07009 | 3938 |
| 4 chrB1.200611A | C | 0.1458 | 3984 |
| 4 chrB1.200637G | A | 0.2379 | 4002 |
| 4 chrB1.200685G | A | 0.06422 | 4002 |
| 4 chrB1.200737G | A | 0.06444 | 4004 |
| 4 chrB1.200841A | G | 0.2026 | 3890 |
| 4 chrB1.200881A | G | 0.1672 | 3996 |
| 4 chrB1.200934C | A | 0.1269 | 3994 |
| 4 chrB1.200965G | A | 0.38 | 3958 |

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|-----------------|-----|----------|------|
| 4 chrB1.20100C | A | 0.1664 | 3996 |
| 4 chrB1.20111GA | G | 0.1618 | 3956 |
| 4 chrB1.20115CG | A | 0.3672 | 4006 |
| 4 chrB1.20124GA | G | 0.1676 | 3992 |
| 4 chrB1.20132CA | G | 0.3283 | 3996 |
| 4 chrB1.20135CA | G | 0.05689 | 4008 |
| 4 chrUn.55443C | A | 0.1398 | 3978 |
| 4 chrB1.20139G | 0 A | 0 | 4010 |
| 4 chrB1.20143GA | G | 0.1699 | 3996 |
| 4 chrB1.20148CA | A | 0.1347 | 3978 |
| 4 chrB1.20152CG | A | 0.3036 | 3992 |
| 4 chrB1.20156CG | A | 0.1445 | 4008 |
| 4 chrB1.20159CA | C | 0.07659 | 3930 |
| 4 chrB1.20164CA | G | 0.1365 | 4008 |
| 4 chrB1.20167CG | A | 0.1828 | 4004 |
| 4 chrB1.20171CG | A | 0.0661 | 3994 |
| 4 chrB1.20174CA | G | 0.2842 | 3986 |
| 4 chrB1.20178CA | G | 0.3322 | 3988 |
| 4 chrB1.20182CG | A | 0.1526 | 3998 |
| 4 chrB1.20191CG | A | 0.2226 | 3972 |
| 4 chrB1.20194GA | G | 0.07236 | 4008 |
| 4 chrB1.20199CG | A | 0.1268 | 3958 |
| 4 chrB1.20201CA | G | 0.001749 | 4002 |
| 4 chrB1.20201CG | A | 0.002043 | 3916 |
| 4 chrB1.20203GA | G | 0.1192 | 3986 |
| 4 chrB1.20206CA | C | 0.417 | 3950 |
| 4 chrB1.20211GA | G | 0.1507 | 3994 |
| 4 chrB1.20215GA | G | 0.273 | 4004 |
| 4 chrB1.20220CA | C | 0.2621 | 3980 |
| 4 chrB1.20224CG | A | 0.273 | 4004 |
| 4 chrB1.20227GA | G | 0.2686 | 4006 |
| 4 chrB1.20232CG | A | 0.4039 | 3996 |
| 4 chrB1.20236CA | G | 0.496 | 3992 |
| 4 chrB1.20240CG | A | 0.2414 | 4006 |
| 4 chrB1.20249CG | A | 0.06675 | 4000 |
| 4 chrB1.20252CG | A | 0.09245 | 3948 |
| 4 chrUn.39080C | A | 0.39 | 4000 |
| 4 chrB1.20255CA | G | 0.4712 | 3990 |
| 4 chrUn3.1214A | C | 0.01375 | 4000 |
| 4 chrUn3.1217CG | A | 0.2826 | 3988 |
| 4 chrUn3.1222GA | G | 0.07919 | 3978 |

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|-----------------|---|----------|------|
| 4 chrE3.37005C | G | 0.03528 | 3742 |
| 4 chrUn3.1233C | A | 0.06914 | 3862 |
| 4 chrUn3.1236A | G | 0.2728 | 3962 |
| 4 chrUn3.1238G | A | 0.4708 | 3978 |
| 4 chrUn3.1242A | G | 0.2223 | 3940 |
| 4 chrUn3.1247A | G | 0.2516 | 4006 |
| 4 chrUn3.1250C | A | 0.114 | 4000 |
| 4 chrUn3.1255C | A | 0.3385 | 3988 |
| 4 chrUn3.1257G | A | 0.2001 | 3888 |
| 4 chrUn3.1265A | C | 0.1112 | 3884 |
| 4 chrUn3.1268A | G | 0.4793 | 4000 |
| 4 chrUn3.1274A | G | 0.2953 | 3992 |
| 4 chrUn3.1275C | A | 0.1253 | 3992 |
| 4 chrUn3.1276A | C | 0.00697 | 3874 |
| 4 chrUn3.1281A | C | 0.133 | 4000 |
| 4 chrUn3.1284C | A | 0.3017 | 3984 |
| 4 chrUn3.1288A | G | 0.153 | 4000 |
| 4 chrUn3.1299G | A | 0.2734 | 3976 |
| 4 chrUn3.1305A | G | 0.004026 | 3974 |
| 4 chrUn3.1307A | G | 0.2564 | 4002 |
| 4 chrUn3.1312A | G | 0.1034 | 3908 |
| 4 chrUn3.1317A | G | 0.1506 | 4004 |
| 4 chrUn3.1324C | A | 0.2659 | 3866 |
| 4 chrUn3.1327G | A | 0.1326 | 4006 |
| 4 chrUn3.1332C | A | 0.148 | 3952 |
| 4 chrUn3.1337A | C | 0.2155 | 4000 |
| 4 chrUn3.1343G | A | 0.0456 | 3794 |
| 4 chrUn.62115C | A | 0.4296 | 3992 |
| 4 chrUn3.1350A | G | 0.302 | 3990 |
| 4 chrUn3.1353C | A | 0.3853 | 3992 |
| 4 chrUn3.1356G | A | 0.2943 | 3976 |
| 4 chrUn3.1359G | A | 0.2462 | 3996 |
| 4 chrUn3.1371A | C | 0.241 | 3996 |
| 4 chrB1.183101G | A | 0.2974 | 3958 |
| 4 chrUn3.1377G | A | 0.4411 | 3988 |
| 4 chrB1.182311A | G | 0.3416 | 3996 |
| 4 chrB1.18048C | A | 0.3415 | 3956 |
| 4 chrB1.18015A | A | 0.2707 | 3960 |
| 4 chrUn3.1380A | G | 0.4227 | 3996 |
| 4 chrB1.179371A | G | 0.2409 | 4002 |
| 4 chrB1.17875C | G | 0.05982 | 3878 |

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| 4 chrUn3.13837A | G | 0.4042 | 3998 |
| 4 chrUn3.13867G | A | 0.2107 | 3986 |
| 4 chrUn3.13918A | G | 0.2286 | 3780 |
| 4 chrUn3.13976A | C | 0.02741 | 3976 |
| 4 chrUn3.14028A | G | 0.1079 | 3996 |
| 4 chrUn3.14077A | G | 0.1057 | 3994 |
| 4 chrUn3.14136G | A | 0.03842 | 4008 |
| 4 chrUn3.14176A | G | 0.1645 | 4006 |
| 4 chrUn3.14207G | A | 0.3374 | 4004 |
| 4 chrUn3.14277A | G | 0.1678 | 3862 |
| 4 chrUn3.14308A | G | 0.1819 | 4008 |
| 4 chrUn3.14376A | G | 0.09514 | 3742 |
| 4 chrUn3.14409A | G | 0.09284 | 3996 |
| 4 chrUn3.14476G | A | 0.1477 | 4008 |
| 4 chrUn3.14647G | A | 0.4883 | 4006 |
| 4 chrUn3.14698A | G | 0.02692 | 3864 |
| 4 chrB1.214936A | G | 0.03102 | 3998 |
| 4 chrB1.214839C | A | 0.1252 | 3954 |
| 4 chrB1.214789C | A | 0.3514 | 3964 |
| 4 chrB1.214739A | G | 0.04498 | 4002 |
| 4 chrA3.165966A | C | 0.3694 | 3990 |
| 4 chrB1.214709G | A | 0.4068 | 3982 |
| 4 chrB1.214677G | A | 0.1138 | 3982 |
| 4 chrB1.214656G | A | 0.08784 | 3700 |
| 4 chrB1.214599A | G | 0.1661 | 3974 |
| 4 chrB1.214568G | A | 0.1029 | 4002 |
| 4 chrB1.214512G | A | 0.447 | 3886 |
| 4 chrB1.214439G | A | 0.3809 | 3878 |
| 4 chrB1.214402A | C | 0.04038 | 3938 |
| 4 chrB1.214279A | G | 0.0652 | 3988 |
| 4 chrB1.214247A | G | 0.07018 | 4004 |
| 4 chrB1.214229A | G | 0.1955 | 3994 |
| 4 chrB1.214229A | G | 0.3741 | 4002 |
| 4 chrB1.214188G | A | 0.1017 | 3994 |
| 4 chrB1.214166A | G | 0.1445 | 4006 |
| 4 chrB1.214099G | A | 0.1995 | 3964 |
| 4 chrB1.214054G | A | 0.4048 | 4000 |
| 4 chrB1.214019G | A | 0.1642 | 3990 |
| 4 chrB1.213966A | G | 0.2238 | 3994 |
| 4 chrB1.213908G | A | 0.2582 | 4000 |
| 4 chrB1.213838A | G | 0.3114 | 3882 |

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|-----------------|-----|----------|------|
| 4 chrB1.213703G | A | 0.3055 | 3928 |
| 4 chrB1.213652A | G | 0.4345 | 4002 |
| 4 chrB1.213636 | 0 A | 0 | 4002 |
| 4 chrB1.213612G | A | 0.1863 | 3988 |
| 4 chrB1.213524A | G | 0.0656 | 3750 |
| 4 chrB1.213481G | A | 0.003759 | 3990 |
| 4 chrB1.213427A | G | 0.3839 | 3988 |
| 4 chrB1.213381A | C | 0.4268 | 3990 |
| 4 chrUn.44280C | A | 0.3412 | 3646 |
| 4 chrB1.213332A | G | 0.1937 | 4000 |
| 4 chrUn.26185(A | G | 0.005242 | 4006 |
| 4 chrB1.213302A | G | 0.3547 | 3972 |
| 4 chrB1.213274G | A | 0.4877 | 3986 |
| 4 chrB1.213211G | A | 0.4052 | 4000 |
| 4 chrUn.55868(A | G | 0.1896 | 3976 |
| 4 chrB1.213159A | G | 0.2932 | 3892 |
| 4 chrB1.213110G | A | 0.354 | 3994 |
| 4 chrB1.213052G | A | 0.1074 | 4002 |
| 4 chrB1.212993A | C | 0.08754 | 3998 |
| 4 chrB1.212988A | C | 0.1208 | 3990 |
| 4 chrB1.212963A | C | 0.2123 | 4000 |
| 4 chrB1.212920A | G | 0.1489 | 3620 |
| 4 chrB1.212818G | A | 0.2844 | 3952 |
| 4 chrB1.212757G | A | 0.4029 | 4006 |
| 4 chrA2.730144A | G | 0.3274 | 4004 |
| 4 chrB1.212700A | C | 0.2877 | 3984 |
| 4 chrB1.212633A | G | 0.4785 | 3992 |
| 4 chrB1.212510A | C | 0.4152 | 3996 |
| 4 chrB1.212378G | A | 0.4744 | 3912 |
| 4 chrB1.212337G | A | 0.2978 | 4000 |
| 4 chrB1.212299A | G | 0.04849 | 3980 |
| 4 chrB1.212264A | G | 0.3433 | 3874 |
| 4 chrB1.212236A | G | 0.09 | 4000 |
| 4 chrB1.212169A | G | 0.4253 | 4004 |
| 4 chrB1.212112G | A | 0.0736 | 4008 |
| 4 chrB1.212056A | C | 0.4434 | 3850 |
| 4 chrB1.212001A | G | 0.2443 | 4008 |
| 4 chrB1.211977G | A | 0.4947 | 3992 |
| 4 chrB1.211942A | G | 0.09615 | 4004 |
| 4 chrB1.211909A | G | 0.3329 | 3860 |
| 4 chrB1.211872G | A | 0.4651 | 3982 |

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| 4 chrB1.211808A | C | 0.4921 | 3944 |
| 4 chrB1.211779A | C | 0.3177 | 3862 |
| 4 chrB1.211728A | G | 0.03592 | 3898 |
| 4 chrB1.211671A | G | 0.3859 | 3840 |
| 4 chrB1.211636A | G | 0.001001 | 3996 |
| 4 chrB1.211567G | A | 0.05422 | 4002 |
| 4 chrUn.373839G | A | 0.1378 | 4006 |
| 4 chrB1.211500A | G | 0.1926 | 3962 |
| 4 chrB1.211474A | C | 0.4713 | 4002 |
| 4 chrB1.211409A | G | 0.04952 | 3958 |
| 4 chrB1.211355C | A | 0.1814 | 3926 |
| 4 chrB1.211304A | G | 0.2085 | 4004 |
| 4 chrB1.211260A | C | 0.1304 | 3980 |
| 4 chrB1.211231A | C | 0.1969 | 4002 |
| 4 chrB1.211086A | G | 0.1348 | 3888 |
| 4 chrB1.211071G | A | 0.2202 | 3978 |
| 4 chrB1.211056C | A | 0.1529 | 4008 |
| 4 chrB1.211053G | A | 0.153 | 3988 |
| 4 chrB1.210981A | G | 0.1588 | 4004 |
| 4 chrB1.210932A | G | 0.4484 | 3996 |
| 4 chrB1.210906G | A | 0.1247 | 3978 |
| 4 chrB1.210846G | A | 0.1637 | 3970 |
| 4 chrB1.210796A | G | 0.1599 | 3990 |
| 4 chrB1.210767A | C | 0.3444 | 4004 |
| 4 chrB1.210681G | A | 0.1879 | 3986 |
| 4 chrB1.210608G | A | 0.2064 | 3992 |
| 4 chrB1.210597A | G | 0.2077 | 3996 |
| 4 chrB1.210550G | A | 0.1826 | 3932 |
| 4 chrB1.210507A | C | 0.2167 | 4006 |
| 4 chrB1.210475A | G | 0.1418 | 4000 |
| 4 chrB1.210433G | A | 0.1864 | 3970 |
| 4 chrB1.210371A | G | 0.4962 | 3998 |
| 4 chrB1.210270A | G | 0.3584 | 3976 |
| 4 chrB1.210238G | A | 0.1131 | 3998 |
| 4 chrB1.210193A | C | 0.03624 | 3974 |
| 4 chrB1.210159A | C | 0.1498 | 4006 |
| 4 chrB1.210114A | C | 0.203 | 4000 |
| 4 chrB1.210055A | C | 0.2284 | 4002 |
| 4 chrB1.210030C | A | 0.437 | 3954 |
| 4 chrB1.209963G | A | 0.4882 | 3986 |
| 4 chrB1.209925G | A | 0.1541 | 3998 |

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| 4 chrB1.209833A | C | 0.2944 | 3984 |
| 4 chrB1.209801G | A | 0.04341 | 4008 |
| 4 chrB1.209774G | A | 0.2206 | 3812 |
| 4 chrB1.209756C | A | 0.06241 | 4006 |
| 4 chrB1.209719G | A | 0.1363 | 4006 |
| 4 chrB1.209650A | G | 0.4197 | 3996 |
| 4 chrB1.209595A | G | 0.2824 | 3994 |
| 4 chrB1.209544A | G | 0.002495 | 4008 |
| 4 chrB1.209544G | A | 0.1393 | 4006 |
| 4 chrB1.209474A | G | 0.435 | 3986 |
| 4 chrB1.209383G | A | 0.1239 | 3996 |
| 4 chrB1.209314A | G | 0.2475 | 4000 |
| 4 chrB1.209286A | G | 0.0668 | 3952 |
| 4 chrB1.209176A | G | 0.2304 | 3758 |
| 4 chrB1.209149G | A | 0.2907 | 3664 |
| 4 chrB1.209105A | C | 0.4663 | 4008 |
| 4 chrB1.209074A | C | 0.003743 | 4008 |
| 4 chrB1.209051A | G | 0.08504 | 4010 |
| 4 chrB1.209011C | A | 0.3295 | 3994 |
| 4 chrB1.208969A | G | 0.1786 | 3874 |
| 4 chrB1.208924A | G | 0.04423 | 4002 |
| 4 chrB1.208829G | A | 0.4111 | 4006 |
| 4 chrB1.208797A | G | 0.0236 | 3898 |
| 4 chrB1.208757A | G | 0.1458 | 4006 |
| 4 chrB1.208708A | G | 0.1743 | 4000 |
| 4 chrB1.208656A | G | 0.4792 | 3990 |
| 4 chrB1.208630A | C | 0.2408 | 4004 |
| 4 chrB1.208589A | G | 0.06728 | 3998 |
| 4 chrB1.208563A | G | 0.08809 | 3928 |
| 4 chrB1.208478A | G | 0.1308 | 3998 |
| 4 chrB1.208443A | G | 0.04389 | 4010 |
| 4 chrB1.208415A | G | 0.1473 | 4006 |
| 4 chrB1.208370C | A | 0.2803 | 3992 |
| 4 chrB1.208311A | G | 0.2605 | 4000 |
| 4 chrB1.208269C | A | 0.2472 | 3992 |
| 4 chrB1.208191G | A | 0.3212 | 3982 |
| 4 chrB1.208178A | G | 0.07677 | 3986 |
| 4 chrUn.438909A | G | 0.3056 | 3920 |
| 4 chrB1.208147A | C | 0.0248 | 3992 |
| 4 chrUn.600239C | A | 0.1932 | 3986 |
| 4 chrB1.208090A | G | 0.3882 | 4006 |

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| 4 chrB1.208041C | A | 0.3627 | 3984 |
| 4 chrB1.208014A | G | 0.08891 | 4004 |
| 4 chrB1.207974G | A | 0.3825 | 4000 |
| 4 chrB1.207946G | A | 0.221 | 4004 |
| 4 chrB1.207920G | A | 0.1767 | 3996 |
| 4 chrB1.207891G | A | 0.2978 | 3992 |
| 4 chrB1.207794A | G | 0.1567 | 3988 |
| 4 chrB1.207749A | G | 0.152 | 4000 |
| 4 chrB1.207724C | A | 0.3036 | 4002 |
| 4 chrB1.207684G | A | 0.36 | 4008 |
| 4 chrB1.207646A | G | 0.4357 | 4000 |
| 4 chrB1.207579G | A | 0.09788 | 3770 |
| 4 chrB1.207554G | A | 0.3747 | 3998 |
| 4 chrB1.207489A | C | 0.1092 | 4002 |
| 4 chrB1.207442A | G | 0.422 | 3998 |
| 4 chrB1.207396A | G | 0.1416 | 3968 |
| 4 chrB1.207360C | A | 0.3668 | 4000 |
| 4 chrB1.207269A | G | 0.04838 | 4010 |
| 4 chrB1.207201A | G | 0.2402 | 3996 |
| 4 chrB1.207169G | A | 0.001251 | 3996 |
| 4 chrB1.207139G | A | 0.4654 | 3816 |
| 4 chrB1.207099C | A | 0.2545 | 4004 |
| 4 chrB1.207064G | A | 0.3538 | 3994 |
| 4 chrB1.207031A | G | 0.4446 | 3988 |
| 4 chrB1.206999C | A | 0.07461 | 3994 |
| 4 chrB1.206912A | C | 0.29 | 3996 |
| 4 chrB1.206887A | G | 0.2922 | 3946 |
| 4 chrB1.206810A | G | 0.08562 | 4006 |
| 4 chrB1.206781A | G | 0.4295 | 3998 |
| 4 chrB1.206736G | A | 0.08333 | 3732 |
| 4 chrB1.206689G | A | 0.3794 | 3980 |
| 4 chrB1.206607A | G | 0.02446 | 4006 |
| 4 chrB1.206569A | G | 0.4835 | 4002 |
| 4 chrB1.206487A | G | 0.1839 | 4008 |
| 4 chrB1.206400A | G | 0.199 | 4000 |
| 4 chrB1.206289A | G | 0.1158 | 4008 |
| 4 chrB1.206261G | A | 0.1161 | 3988 |
| 4 chrB1.206179G | A | 0.4353 | 4000 |
| 4 chrB1.206118G | A | 0.3717 | 4006 |
| 4 chrB1.206098G | A | 0.2197 | 3996 |
| 4 chrB1.206089A | G | 0.2403 | 4008 |

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| 4 chrB1.206053G | A | 0.3862 | 3988 |
| 4 chrB1.205981A | G | 0.2156 | 3980 |
| 4 chrB1.205932A | G | 0.1652 | 3990 |
| 4 chrB1.205897G | A | 0.3151 | 4008 |
| 4 chrB1.205860A | G | 0.2413 | 4008 |
| 4 chrB1.205829G | A | 0.423 | 4000 |
| 4 chrB1.205767A | G | 0.06459 | 4010 |
| 4 chrB1.205724A | G | 0.1708 | 3998 |
| 4 chrB1.205522A | G | 0.2153 | 3910 |
| 4 chrA1.278986A | G | 0.1217 | 3992 |
| 4 chrB1.205420C | 0 A | 0 | 4008 |
| 4 chrB1.205406G | A | 0.1458 | 3964 |
| 4 chrB1.205377A | C | 0.004004 | 3996 |
| 4 chrB1.205321A | G | 0.1344 | 4004 |
| 4 chrB1.205317A | G | 0.4052 | 4000 |
| 4 chrB1.205282A | G | 0.4313 | 4000 |
| 4 chrB1.205241G | A | 0.2419 | 3994 |
| 4 chrB1.205176A | G | 0.4025 | 3990 |
| 4 chrB1.205142G | A | 0.2853 | 4006 |
| 4 chrB1.205097A | C | 0.4251 | 4004 |
| 4 chrB1.205010G | A | 0.4193 | 4000 |
| 4 chrB1.204989A | G | 0.4959 | 3946 |
| 4 chrB1.204962A | C | 0.4463 | 3708 |
| 4 chrB1.204916G | A | 0.4125 | 4002 |
| 4 chrX.4659358A | G | 0.1836 | 3998 |
| 4 chrB1.204862A | C | 0.137 | 4008 |
| 4 chrB1.204831A | G | 0.1004 | 3974 |
| 4 chrB1.204797A | G | 0.3443 | 3964 |
| 4 chrB1.204740G | A | 0.1955 | 3994 |
| 4 chrB1.204701A | G | 0.2567 | 3970 |
| 4 chrB1.204668A | G | 0.3872 | 4000 |
| 4 chrB1.204629A | C | 0.06818 | 4004 |
| 4 chrB1.204602A | G | 0.3187 | 4000 |
| 4 chrB1.204546A | G | 0.1653 | 3998 |
| 4 chrB1.204508A | G | 0.2248 | 4008 |
| 4 chrB1.204472A | G | 0.1613 | 4006 |
| 4 chrB1.204414A | G | 0.1708 | 4004 |
| 4 chrUn.214814G | A | 0.2486 | 3990 |
| 4 chrB1.204372A | G | 0.1216 | 3924 |
| 4 chrB1.204344A | G | 0.3974 | 3996 |
| 4 chrB1.204283G | A | 0.3324 | 3986 |

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| 4 chrB1.204228G | A | 0.3437 | 3966 |
| 4 chrB1.204200G | A | 0.2484 | 3950 |
| 4 chrB1.204165A | C | 0.009439 | 3920 |
| 4 chrB1.204118C | A | 0.07321 | 4002 |
| 4 chrB1.204066A | G | 0.08658 | 4008 |
| 4 chrB1.204030A | G | 0.09194 | 3970 |
| 4 chrB1.204006G | A | 0.07039 | 3992 |
| 4 chrB1.203978C | A | 0.03898 | 4002 |
| 4 chrB1.203863A | G | 0.06376 | 3984 |
| 4 chrB1.203845C | A | 0.08937 | 4006 |
| 4 chrB1.203822G | A | 0.4203 | 3990 |
| 4 chrB1.203757G | A | 0.423 | 3986 |
| 4 chrB1.203666A | G | 0.2145 | 4004 |
| 4 chrUn.762810A | G | 0.266 | 4004 |
| 4 chrB1.203632A | G | 0.1929 | 4008 |
| 4 chrB1.203626 | 0 G | 0 | 4010 |
| 4 chrB1.203605A | G | 0.1722 | 4008 |
| 4 chrB1.203557G | A | 0.4902 | 3996 |
| 4 chrB1.203532A | C | 0.1643 | 4000 |
| 4 chrB1.203452G | A | 0.3043 | 3986 |
| 4 chrB1.203378A | C | 0.4163 | 4002 |
| 4 chrB1.203329A | G | 0.2676 | 3998 |
| 4 chrB1.203227G | A | 0.4955 | 3998 |
| 4 chrB1.203196G | A | 0.4995 | 4000 |
| 4 chrB1.203149A | C | 0.2269 | 3988 |
| 4 chrB1.203107C | A | 0.223 | 4000 |
| 4 chrB1.203042C | A | 0.303 | 4010 |
| 4 chrB1.203011A | G | 0.3387 | 3998 |
| 4 chrB1.202965A | G | 0.1016 | 3946 |
| 4 chrB1.202906A | G | 0.1815 | 3994 |
| 4 chrB1.202871G | A | 0.1524 | 4002 |
| 4 chrB1.202820A | G | 0.3949 | 4006 |
| 4 chrB1.202753A | G | 0.1758 | 4004 |
| 4 chrB1.202714G | A | 0.09295 | 3970 |
| 4 chrUn.414479A | G | 0.303 | 3994 |
| 4 chrB1.202662G | A | 0.1702 | 3972 |
| 4 chrUn3.14870A | G | 0.04156 | 3946 |
| 4 chrUn.549547A | G | 0.1987 | 4000 |
| 4 chrUn3.14910G | A | 0.2019 | 4006 |
| 4 chrUn3.14970A | G | 0.3279 | 3956 |
| 4 chrUn3.14987A | G | 0.1211 | 4004 |

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| 4 chrUn3.1503!C | A | 0.1665 | 3964 |
| 4 chrUn3.1508!C | A | 0.4685 | 3938 |
| 4 chrUn.64806!A | G | 0.3965 | 3922 |
| 4 chrUn3.1513!G | A | 0.4349 | 4008 |
| 4 chrUn3.1516!G | A | 0.4527 | 3972 |
| 4 chrUn3.1519!G | A | 0.2206 | 4002 |
| 4 chrUn3.1522!A | G | 0.147 | 3912 |
| 4 chrUn3.1525!A | G | 0.2242 | 3978 |
| 4 chrUn3.1527!G | A | 0.1308 | 3936 |
| 4 chrUn3.1533!A | G | 0.1805 | 4000 |
| 4 chrUn3.1538!G | A | 0.1287 | 4008 |
| 4 chrUn3.1542!G | A | 0.04847 | 3982 |
| 4 chrUn3.1549!G | A | 0.4855 | 4004 |
| 4 chrUn3.1553!A | G | 0.451 | 4002 |
| 4 chrUn.77622!A | C | 0.01003 | 3990 |
| 4 chrUn3.1555!A | G | 0.2431 | 3990 |
| 4 chrUn3.1557!A | G | 0.0007515 | 3992 |
| 4 chrUn3.1559!A | G | 0.4353 | 4004 |
| 4 chrUn.69129!A | C | 0.1247 | 3992 |
| 4 chrUn3.1561!A | G | 0.07756 | 4010 |
| 4 chrUn3.1569!A | C | 0.1018 | 4000 |
| 4 chrUn3.1572!A | G | 0.4601 | 3988 |
| 4 chrF2.165942G | A | 0.3553 | 3988 |
| 4 chrE1.405607C | A | 0.07146 | 4002 |
| 4 chrE1.405873C | A | 0.2989 | 3994 |
| 4 chrE1.406456A | G | 0.1682 | 4002 |
| 4 chrUn3.1578!A | G | 0.1692 | 3978 |
| 4 chrUn3.1581!A | G | 0.1083 | 3998 |
| 4 chrUn3.1592!G | A | 0.09985 | 3996 |
| 4 chrUn3.1596!A | G | 0.01456 | 3914 |
| 4 chrUn3.1601!C | A | 0.1554 | 3950 |
| 4 chrUn3.1607!A | G | 0.4114 | 4006 |
| 4 chrUn3.1617!A | C | 0.319 | 4006 |
| 4 chrUn3.1620!A | G | 0.3048 | 4002 |
| 4 chrUn3.1626!C | A | 0.199 | 3854 |
| 4 chrUn3.1629!A | G | 0.2035 | 4004 |
| 4 chrUn3.1632!A | G | 0.4905 | 4002 |
| 4 chrUn3.1635!A | G | 0.2412 | 4000 |
| 4 chrUn3.1637!A | G | 0.06428 | 3998 |
| 4 chrUn3.1642!A | G | 0.2211 | 3976 |
| 4 chrUn3.1646!A | G | 0.02847 | 4004 |

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| 4 chrUn3.1649(A | G | 0.1487 | 4002 |
| 4 chrUn3.1653(A | G | 0.1446 | 3996 |
| 4 chrUn3.1658(A | G | 0.4765 | 3998 |
| 4 chrUn3.1662(A | G | 0.424 | 3896 |
| 4 chrUn3.1667(A | G | 0.4641 | 4008 |
| 4 chrUn3.1670(C | A | 0.3658 | 3980 |
| 4 chrUn3.1671(G | A | 0.0953 | 3998 |
| 4 chrUn3.1673(G | A | 0.08627 | 3976 |
| 4 chrUn3.1679(A | G | 0.06861 | 4008 |
| 4 chrB1.22390(A | G | 0.09834 | 3986 |
| 4 chrB1.22377(G | A | 0.1616 | 4004 |
| 4 chrB1.22371(A | G | 0.4508 | 4006 |
| 4 chrB1.22368(C | A | 0.2616 | 3734 |
| 4 chrB1.22361(G | A | 0.2829 | 4002 |
| 4 chrB1.22355(A | G | 0.2161 | 4008 |
| 4 chrB1.22350(A | G | 0.3907 | 3972 |
| 4 chrB1.22335(G | A | 0.1389 | 3988 |
| 4 chrB1.22335(G | A | 0.4027 | 3986 |
| 4 chrB1.22333(C | A | 0.1457 | 3816 |
| 4 chrB1.22318(A | C | 0.3677 | 4006 |
| 4 chrB1.22313(A | G | 0.4553 | 4004 |
| 4 chrB1.22311(A | G | 0.02745 | 4008 |
| 4 chrB1.22306(G | A | 0.1368 | 3998 |
| 4 chrB1.22303(A | G | 0.3337 | 3992 |
| 4 chrB1.22302(A | G | 0.3662 | 3946 |
| 4 chrB1.22296(A | G | 0.06459 | 4010 |
| 4 chrB1.22292(C | A | 0.4645 | 4002 |
| 4 chrB1.22288(A | G | 0.2603 | 3984 |
| 4 chrB1.22283(A | G | 0.1913 | 3972 |
| 4 chrB1.22278(G | A | 0.4499 | 3990 |
| 4 chrB1.22275(A | G | 0.1973 | 4004 |
| 4 chrB1.22260(G | G | 0 | 4010 |
| 4 chrB1.22257(G | A | 0.4255 | 4000 |
| 4 chrB1.22254(A | G | 0.1861 | 4004 |
| 4 chrB1.22251(G | A | 0.3568 | 4000 |
| 4 chrB1.22244(G | A | 0.2491 | 4006 |
| 4 chrB1.22247(C | C | 0.2339 | 4002 |
| 4 chrB1.22231(G | A | 0.1015 | 4000 |
| 4 chrB1.22227(A | G | 0.02027 | 3946 |
| 4 chrB1.22223(C | A | 0.3491 | 4002 |
| 4 chrB1.22219(A | C | 0.4837 | 3998 |

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|-----------------|-----|---------|------|
| 4 chrB1.222154A | G | 0.2439 | 3986 |
| 4 chrB1.222126G | A | 0.04793 | 4006 |
| 4 chrB1.222072G | A | 0.3977 | 4006 |
| 4 chrB1.222068C | A | 0.201 | 4000 |
| 4 chrB1.222044G | A | 0.495 | 4002 |
| 4 chrB1.222014A | G | 0.05656 | 3996 |
| 4 chrB1.221943A | G | 0.4283 | 4002 |
| 4 chrB1.221874G | A | 0.2148 | 3752 |
| 4 chrB4.859644A | C | 0.3165 | 3934 |
| 4 chrB4.858345G | A | 0.3706 | 3948 |
| 4 chrB4.856289A | C | 0.1769 | 3962 |
| 4 chrB4.854911G | A | 0.3255 | 3982 |
| 4 chrB4.853917C | A | 0.453 | 4002 |
| 4 chrB1.221568A | C | 0.1657 | 4002 |
| 4 chrB1.221531A | G | 0.2557 | 4000 |
| 4 chrB4.853461A | G | 0.179 | 3960 |
| 4 chrB4.852394G | A | 0.4235 | 4002 |
| 4 chrB4.851252A | G | 0.4855 | 3998 |
| 4 chrB4.849177G | A | 0.4669 | 3982 |
| 4 chrB4.847735A | G | 0.4758 | 4000 |
| 4 chrB1.221296A | G | 0.1671 | 3968 |
| 4 chrB1.221368A | G | 0.2839 | 3984 |
| 4 chrB1.221329C | A | 0.08941 | 4004 |
| 4 chrB1.221235A | G | 0.2569 | 3978 |
| 4 chrB1.221268A | G | 0.1522 | 3902 |
| 4 chrB1.221178A | G | 0.3697 | 3968 |
| 4 chrB1.221136G | A | 0.1029 | 3984 |
| 4 chrB1.221111G | A | 0.4336 | 4004 |
| 4 chrB1.221022G | A | 0.07083 | 3798 |
| 4 chrB1.220960A | G | 0.3688 | 4000 |
| 4 chrB1.220916A | G | 0.09095 | 4002 |
| 4 chrB1.220857G | A | 0.3026 | 4002 |
| 4 chrB1.220749G | A | 0.2032 | 4006 |
| 4 chrB1.220679G | A | 0.3468 | 3994 |
| 4 chrB1.220633A | G | 0.2739 | 3928 |
| 4 chrB1.220575A | C | 0.1131 | 3872 |
| 4 chrB1.220539G | A | 0.1066 | 4006 |
| 4 chrB1.220485G | A | 0.3806 | 3988 |
| 4 chrB1.220395G | A | 0.1118 | 4000 |
| 4 chrB1.220332G | A | 0.1316 | 4004 |
| 4 chrB1.220332 | 0 A | 0 | 4010 |

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| 4 chrB1.220256 | G A | 0.002996 | 4006 |
| 4 chrB1.220223 | C A | 0.2706 | 3998 |
| 4 chrB1.220196 | G A | 0 | 3738 |
| 4 chrB1.220163 | A C | 0.3891 | 3978 |
| 4 chrB1.220158 | A G | 0.2739 | 4002 |
| 4 chrB1.220118 | A G | 0.2091 | 3994 |
| 4 chrB1.220079 | G A | 0.03368 | 4008 |
| 4 chrB1.220043 | G A | 0.2913 | 3938 |
| 4 chrB1.220007 | A G | 0.2809 | 3980 |
| 4 chrB1.219952 | A G | 0.1142 | 4002 |
| 4 chrB1.219925 | A G | 0.3025 | 4000 |
| 4 chrB1.219866 | G A | 0.1371 | 3996 |
| 4 chrB1.219834 | A G | 0.2466 | 4006 |
| 4 chrB1.219783 | A G | 0.206 | 3990 |
| 4 chrB1.219739 | G A | 0.3881 | 3994 |
| 4 chrB1.219708 | A G | 0.03521 | 4004 |
| 4 chrB1.219654 | A C | 0.2184 | 3992 |
| 4 chrB1.219626 | A G | 0.3111 | 3912 |
| 4 chrB1.219577 | A G | 0.4126 | 3992 |
| 4 chrB1.219522 | A G | 0.2583 | 3976 |
| 4 chrB1.219497 | A G | 0.2638 | 3980 |
| 4 chrB1.219472 | A G | 0.2205 | 3868 |
| 4 chrB1.219433 | C A | 0.1949 | 3992 |
| 4 chrB1.219426 | A G | 0.1353 | 4006 |
| 4 chrB1.219404 | A G | 0.2417 | 3996 |
| 4 chrB1.219359 | G A | 0.3847 | 3998 |
| 4 chrB1.219322 | A G | 0.1846 | 3988 |
| 4 chrB1.219281 | A C | 0.3253 | 4006 |
| 4 chrB1.219198 | A C | 0.2826 | 3938 |
| 4 chrB1.219161 | A G | 0.007754 | 3998 |
| 4 chrB1.219083 | G A | 0.4495 | 3980 |
| 4 chrB1.219010 | A C | 0.2983 | 4006 |
| 4 chrB1.218978 | A G | 0.1865 | 3840 |
| 4 chrB1.218942 | A G | 0.1379 | 3988 |
| 4 chrB1.218918 | C A | 0.00677 | 3988 |
| 4 chrB1.218916 | G A | 0.3261 | 4002 |
| 4 chrB1.218865 | G A | 0.09048 | 3990 |
| 4 chrB1.218839 | C A | 0.3781 | 4002 |
| 4 chrB1.218812 | A G | 0.0125 | 4000 |
| 4 chrB1.218769 | A G | 0.4475 | 3978 |
| 4 chrB1.218742 | G A | 0.3688 | 3980 |

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| 4 chrB1.218663G | A | 0.1113 | 4008 |
| 4 chrB1.218630G | A | 0.1599 | 3966 |
| 4 chrB1.218587G | A | 0.2081 | 3960 |
| 4 chrB1.218549A | G | 0.2315 | 3992 |
| 4 chrB1.218519A | G | 0.4221 | 3994 |
| 4 chrB1.218493A | G | 0.4173 | 4004 |
| 4 chrB1.218447A | G | 0.3514 | 3984 |
| 4 chrB1.218372A | G | 0.262 | 4000 |
| 4 chrB1.218347A | G | 0.2715 | 4000 |
| 4 chrB1.218309G | A | 0.08596 | 4002 |
| 4 chrB1.218208A | G | 0.06444 | 4004 |
| 4 chrB1.218173A | G | 0.211 | 4000 |
| 4 chrB1.218127G | A | 0.1394 | 4010 |
| 4 chrB1.218065G | A | 0.4582 | 3970 |
| 4 chrB1.218009G | A | 0.4805 | 4002 |
| 4 chrB1.217972A | G | 0.2132 | 3940 |
| 4 chrUn.402524A | C | 0.3472 | 4006 |
| 4 chrB1.217938G | A | 0.157 | 4006 |
| 4 chrB1.217902A | G | 0.2581 | 4002 |
| 4 chrB1.217867A | G | 0.2254 | 3998 |
| 4 chrB1.217800C | A | 0.1188 | 4000 |
| 4 chrB1.217692A | G | 0.1529 | 4008 |
| 4 chrB1.217666C | A | 0.2352 | 3996 |
| 4 chrB1.217643A | G | 0.2586 | 3918 |
| 4 chrB1.217625A | G | 0.08235 | 3910 |
| 4 chrB1.217584G | A | 0.1723 | 3992 |
| 4 chrB1.217554A | G | 0.2888 | 3948 |
| 4 chrB1.217502A | G | 0.1616 | 3998 |
| 4 chrB1.217467G | A | 0.4368 | 3750 |
| 4 chrB1.217425G | A | 0.1891 | 4008 |
| 4 chrB1.217374C | A | 0.3869 | 3998 |
| 4 chrB1.217346A | G | 0.1913 | 4004 |
| 4 chrB1.217290A | G | 0.05894 | 4004 |
| 4 chrB1.217236A | G | 0.1602 | 4002 |
| 4 chrB1.217207G | A | 0.3656 | 3996 |
| 4 chrB1.217180G | A | 0.1034 | 3986 |
| 4 chrB1.217127A | G | 0.04321 | 4004 |
| 4 chrB1.217075G | A | 0.2122 | 3958 |
| 4 chrB1.217012A | G | 0.2836 | 3998 |
| 4 chrB1.216972G | A | 0.1884 | 4002 |
| 4 chrB1.216923A | G | 0.1888 | 3740 |

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| 4 chrB1.216883A | G | 0.1964 | 3956 |
| 4 chrB1.216798G | A | 0.3266 | 3990 |
| 4 chrB1.216773A | G | 0.471 | 4002 |
| 4 chrB1.216634A | C | 0.3762 | 3958 |
| 4 chrB1.216575A | G | 0.01948 | 4004 |
| 4 chrB1.216476G | A | 0.4546 | 3920 |
| 4 chrB1.216463A | C | 0.2274 | 3988 |
| 4 chrB1.216436G | A | 0.2282 | 3966 |
| 4 chrB1.216407G | A | 0.09474 | 3990 |
| 4 chrB1.216376G | A | 0.002249 | 4002 |
| 4 chrB1.216295C | A | 0.3561 | 4004 |
| 4 chrB1.216241G | A | 0.09089 | 3972 |
| 4 chrB1.216127A | G | 0.2414 | 4002 |
| 4 chrB1.216074A | G | 0.2564 | 3744 |
| 4 chrB1.216006A | C | 0.2677 | 3986 |
| 4 chrB1.215976A | G | 0.1509 | 3964 |
| 4 chrB1.215943A | G | 0.2811 | 3998 |
| 4 chrB1.215913C | A | 0.1892 | 3980 |
| 4 chrB1.215803A | G | 0.02022 | 4006 |
| 4 chrB1.215765G | A | 0.133 | 4000 |
| 4 chrB1.215715A | G | 0.107 | 4010 |
| 4 chrB1.215661A | G | 0.4503 | 3980 |
| 4 chrB1.215610G | A | 0.08288 | 4006 |
| 4 chrB1.215566A | G | 0.1142 | 3836 |
| 4 chrB1.215542A | G | 0.03194 | 4008 |
| 4 chrB1.215483G | A | 0.08706 | 3894 |
| 4 chrB1.215432A | G | 0.2253 | 3994 |
| 4 chrB1.215352A | G | 0.04818 | 4006 |
| 4 chrB1.215292C | A | 0.1049 | 4002 |
| 4 chrB1.215243A | G | 0.1986 | 4004 |
| 4 chrB1.215211A | G | 0.06675 | 4000 |
| 4 chrB1.215204G | A | 0.1191 | 4006 |
| 4 chrB1.215194G | A | 0.2131 | 3904 |
| 4 chrB1.215187A | G | 0.04639 | 3988 |
| 4 chrB1.215052A | C | 0.4546 | 3922 |
| 4 chrB1.215006C | A | 0.1622 | 4002 |
| 4 chrUn3.11867G | A | 0.1072 | 4010 |
| 4 chrUn3.11908G | A | 0.419 | 4000 |
| 4 chrUn3.11970A | G | 0.2994 | 3998 |
| 4 chrUn3.11987A | G | 0.2681 | 4002 |
| 4 chrUn3.12004A | G | 0.1968 | 3998 |

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|-----------------|---|---------|------|
| 4 chrUn3.12021C | A | 0.1542 | 4008 |
| 4 chrUn3.12091G | A | 0.3255 | 3982 |
| 4 chrB1.193776A | G | 0.2926 | 3940 |
| 4 chrB1.193809A | G | 0.01639 | 3966 |
| 4 chrB1.193879A | C | 0.1587 | 3642 |
| 4 chrB1.193939G | A | 0.2095 | 3990 |
| 4 chrB1.193971A | G | 0.1252 | 3986 |
| 4 chrB1.193993G | A | 0.2117 | 4006 |
| 4 chrB1.194024G | A | 0.2231 | 3962 |
| 4 chrB1.194090G | A | 0.2709 | 3932 |
| 4 chrUn.364571A | G | 0.2861 | 3862 |
| 4 chrB1.194141A | G | 0.496 | 3992 |
| 4 chrB1.194176G | A | 0.4112 | 3996 |
| 4 chrB1.194285G | A | 0.269 | 3996 |
| 4 chrUn.314961G | A | 0.3666 | 3988 |
| 4 chrB1.194337A | G | 0.4119 | 3996 |
| 4 chrB1.194369A | C | 0.1416 | 3982 |
| 4 chrB1.194407A | G | 0.05321 | 3984 |
| 4 chrB1.194437A | C | 0.3203 | 3868 |
| 4 chrB1.194504A | G | 0.3152 | 3940 |
| 4 chrB1.194591G | A | 0.2821 | 3966 |
| 4 chrB1.194624A | C | 0.1726 | 3998 |
| 4 chrB1.194648A | G | 0.1144 | 4002 |
| 4 chrB1.194695A | G | 0.3271 | 3990 |
| 4 chrB1.194726G | A | 0.2089 | 3992 |
| 4 chrB1.194730A | C | 0.4297 | 3984 |
| 4 chrB1.194786A | G | 0.2365 | 3750 |
| 4 chrB1.194856G | A | 0.08596 | 4002 |
| 4 chrB1.194893A | G | 0.2007 | 3992 |
| 4 chrB1.194928G | A | 0.2697 | 4008 |
| 4 chrB1.194973A | G | 0.4007 | 3988 |
| 4 chrB1.195020A | G | 0.3696 | 4002 |
| 4 chrB1.195080G | A | 0.239 | 4000 |
| 4 chrB1.195121G | A | 0.42 | 4002 |
| 4 chrB1.195174G | A | 0.4536 | 3988 |
| 4 chrB1.195277G | A | 0.243 | 4000 |
| 4 chrB1.195338A | G | 0.06672 | 4002 |
| 4 chrB1.195390A | G | 0.08417 | 4004 |
| 4 chrB1.195440G | A | 0.1116 | 3944 |
| 4 chrB1.195509A | G | 0.07157 | 3954 |
| 4 chrB1.195589A | G | 0.1856 | 3976 |

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| 4 chrB1.195634A | G | 0.3663 | 3986 |
| 4 chrB1.195683A | C | 0.4311 | 3994 |
| 4 chrB1.195721A | G | 0.06718 | 4004 |
| 4 chrB1.195739A | G | 0.08756 | 3986 |
| 4 chrUn.254514A | G | 0.03025 | 3768 |
| 4 chrB1.195773A | G | 0.3353 | 4000 |
| 4 chrB1.195831C | A | 0.07514 | 4006 |
| 4 chrB1.195857G | A | 0.3923 | 3992 |
| 4 chrUn13.7613A | G | 0.009236 | 4006 |
| 4 chrUn13.7583A | G | 0.3548 | 3926 |
| 4 chrUn13.7553A | C | 0.2353 | 3952 |
| 4 chrUn13.7533A | G | 0.08713 | 3994 |
| 4 chrUn13.7503A | G | 0.09564 | 3994 |
| 4 chrUn13.7453G | A | 0.349 | 4000 |
| 4 chrUn13.7453G | A | 0.1755 | 3830 |
| 4 chrUn13.7323A | C | 0.1212 | 3978 |
| 4 chrUn13.7254A | G | 0.3992 | 3978 |
| 4 chrUn13.7223A | G | 0.1225 | 3838 |
| 4 chrUn13.7183A | G | 0.0543 | 3812 |
| 4 chrUn3.11763A | G | 0.1879 | 3976 |
| 4 chrB1.228770G | A | 0.4937 | 3944 |
| 4 chrB1.228730A | G | 0.2391 | 3910 |
| 4 chrB1.228633G | A | 0.1708 | 4000 |
| 4 chrB1.228585A | G | 0.2383 | 4004 |
| 4 chrB1.228544A | G | 0.4247 | 3996 |
| 4 chrB1.228516A | G | 0.1247 | 3992 |
| 4 chrB1.228466A | G | 0.0475 | 4000 |
| 4 chrB1.228451G | A | 0.3975 | 3970 |
| 4 chrB1.228409G | A | 0.1183 | 4006 |
| 4 chrB1.228366A | G | 0.1578 | 3904 |
| 4 chrB1.228346A | G | 0.3948 | 3972 |
| 4 chrB1.228314G | A | 0.3592 | 3928 |
| 4 chrB1.228267C | A | 0.491 | 3986 |
| 4 chrB1.228227G | A | 0.2283 | 4000 |
| 4 chrB1.228199A | C | 0.2403 | 3978 |
| 4 chrB1.228171C | A | 0.3423 | 3932 |
| 4 chrB1.228141A | G | 0.2911 | 3998 |
| 4 chrB1.228064C | A | 0.2453 | 3950 |
| 4 chrB1.228031G | A | 0.3583 | 4002 |
| 4 chrB1.227969A | G | 0.02847 | 4004 |
| 4 chrB1.227922C | A | 0.171 | 3906 |

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| 4 chrB1.227858A | G | 0.3846 | 3970 |
| 4 chrB1.227804C | A | 0.439 | 3982 |
| 4 chrB1.227758A | C | 0.1258 | 3998 |
| 4 chrB1.227711A | G | 0.09751 | 4010 |
| 4 chrB1.227688G | A | 0.3946 | 3974 |
| 4 chrB1.227651G | A | 0.1332 | 3994 |
| 4 chrB1.227608A | G | 0.1819 | 3996 |
| 4 chrB1.227528G | A | 0.04269 | 4006 |
| 4 chrB1.227414G | A | 0.1819 | 3898 |
| 4 chrB1.227358A | G | 0.4528 | 3832 |
| 4 chrB1.227298G | A | 0.1029 | 3838 |
| 4 chrB1.227270A | G | 0.445 | 3818 |
| 4 chrB1.227238G | A | 0.1218 | 3916 |
| 4 chrB1.227176A | G | 0.1749 | 3990 |
| 4 chrB1.227144G | A | 0.1555 | 3962 |
| 4 chrB1.227101A | G | 0.2156 | 3966 |
| 4 chrB1.227071G | A | 0.2323 | 3990 |
| 4 chrB1.227021A | G | 0.1371 | 3996 |
| 4 chrB1.226951G | A | 0.1943 | 3942 |
| 4 chrB1.226916A | C | 0.3136 | 3960 |
| 4 chrB1.226907A | G | 0.1851 | 3998 |
| 4 chrB1.226851A | G | 0.1959 | 3996 |
| 4 chrB1.226828G | A | 0.1811 | 3892 |
| 4 chrB1.226788A | G | 0.02177 | 3950 |
| 4 chrB1.226664C | A | 0.09714 | 3912 |
| 4 chrB1.226621A | G | 0.1107 | 3766 |
| 4 chrB1.226588C | A | 0.4985 | 3930 |
| 4 chrB1.226502G | A | 0.09086 | 4006 |
| 4 chrB1.226450A | G | 0.1673 | 3934 |
| 4 chrB1.226418A | C | 0.2463 | 4004 |
| 4 chrB1.226417A | G | 0.2774 | 3980 |
| 4 chrB1.226368G | A | 0.4838 | 4002 |
| 4 chrB1.226328G | A | 0.4722 | 3988 |
| 4 chrB1.226218A | G | 0.08041 | 3992 |
| 4 chrB1.226191A | G | 0.1631 | 3974 |
| 4 chrB1.226142G | A | 0.2619 | 4006 |
| 4 chrB1.226111A | G | 0.2555 | 3980 |
| 4 chrB1.226086A | G | 0.1284 | 3996 |
| 4 chrB1.226044A | G | 0.1979 | 3976 |
| 4 chrB1.225998A | G | 0.1837 | 3920 |
| 4 chrB1.225968A | G | 0.1102 | 3994 |

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|-----------------|-----|---------|------|
| 4 chrB1.225918A | G | 0.2125 | 3996 |
| 4 chrB1.225893A | G | 0.1835 | 3968 |
| 4 chrB1.225854A | G | 0.07685 | 3982 |
| 4 chrB1.225802A | G | 0.44 | 4000 |
| 4 chrB1.225755A | G | 0.3314 | 4004 |
| 4 chrB1.225730A | G | 0.1023 | 3988 |
| 4 chrB1.225722A | G | 0.02504 | 3994 |
| 4 chrB1.225704C | A | 0.1239 | 3924 |
| 4 chrB1.225658A | G | 0.1744 | 3986 |
| 4 chrB1.225596A | G | 0.4813 | 4004 |
| 4 chrB1.225516G | A | 0.2889 | 4008 |
| 4 chrB1.225474G | A | 0.2648 | 3992 |
| 4 chrB1.225441G | A | 0.4304 | 3982 |
| 4 chrB1.225417G | A | 0.4321 | 3990 |
| 4 chrB1.225211G | A | 0.152 | 3790 |
| 4 chrB1.225262A | G | 0.2069 | 3972 |
| 4 chrB1.225308A | G | 0.2464 | 4006 |
| 4 chrB1.225337G | A | 0.4992 | 4000 |
| 4 chrB1.225367A | G | 0.2514 | 3982 |
| 4 chrB1.225168A | G | 0.06516 | 3990 |
| 4 chrB1.225124A | C | 0.1692 | 3936 |
| 4 chrB1.225096G | A | 0.2486 | 3946 |
| 4 chrB1.225069A | C | 0.3689 | 3928 |
| 4 chrB1.225011G | A | 0.4835 | 3992 |
| 4 chrB1.224985A | G | 0.2561 | 4006 |
| 4 chrB1.224942G | A | 0.3059 | 3978 |
| 4 chrB1.224858A | G | 0.4193 | 4004 |
| 4 chrB1.224852 | 0 A | 0 | 4010 |
| 4 chrB1.224794A | G | 0.2121 | 4002 |
| 4 chrB1.224708G | A | 0.1614 | 3978 |
| 4 chrB1.224636G | A | 0.05937 | 3992 |
| 4 chrB1.224573A | G | 0.2697 | 4004 |
| 4 chrB1.224492G | A | 0.1962 | 4006 |
| 4 chrB1.224456G | A | 0.371 | 3992 |
| 4 chrB1.224356G | A | 0.04678 | 3976 |
| 4 chrB1.224209A | G | 0.3828 | 3882 |
| 4 chrB1.224142A | G | 0.2348 | 3710 |
| 4 chrB1.224067A | G | 0.0509 | 3988 |
| 4 chrB1.224029A | G | 0.1625 | 3926 |
| 4 chrB1.229694A | C | 0.2963 | 3976 |
| 4 chrB1.229672 | 0 G | 0 | 3984 |

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| 4 chrB1.229670 | G | 0.4603 | 3982 |
| 4 chrB1.229634 | A | 0.2664 | 3998 |
| 4 chrB1.229575 | G | 0.4472 | 3882 |
| 4 chrB1.229552 | A | 0.208 | 3976 |
| 4 chrB1.229515 | A | 0.4908 | 3800 |
| 4 chrB1.229469 | G | 0.1451 | 3990 |
| 4 chrB1.229428 | G | 0.2213 | 3958 |
| 4 chrB1.229380 | A | 0.2075 | 3986 |
| 4 chrB1.229307 | G | 0.3322 | 3964 |
| 4 chrB1.229186 | A | 0.1165 | 3922 |
| 4 chrB1.229128 | G | 0.3183 | 3968 |
| 4 chrB1.229089 | G | 0.2706 | 3972 |
| 4 chrB1.229054 | 0 A | 0 | 4006 |
| 4 chrB1.229040 | C | 0.01555 | 3986 |
| 4 chrB1.229015 | G | 0.3464 | 4004 |
| 4 chrB1.228990 | G | 0.2771 | 3998 |
| 4 chrB1.228960 | G | 0.3222 | 4004 |
| 4 chrB1.228908 | A | 0.346 | 4000 |
| 4 chrB1.228863 | A | 0.3983 | 3984 |
| 4 chrB1.228832 | A | 0.3724 | 3934 |
| 5 chrUn.692101 | 0 A | 0 | 4004 |
| 5 chrUn.166421 | A | 0.3025 | 3782 |
| 5 chrUn.539051 | G | 0.4979 | 3900 |
| 5 chrE3.427741 | A | 0.4369 | 3996 |
| 5 chrB2.119769 | A | 0.1378 | 3998 |
| 5 chrB2.144821 | G | 0.01255 | 3984 |
| 5 chrB2.223892 | G | 0.01885 | 3978 |
| 5 chrB2.237314 | G | 0.2704 | 3906 |
| 5 chrB2.263557 | G | 0.1315 | 3986 |
| 5 chrB2.299385 | G | 0.2244 | 4002 |
| 5 chrB2.367121 | A | 0.01772 | 4006 |
| 5 chrB2.445720 | G | 0.001996 | 4008 |
| 5 chrB2.544700 | G | 0.1266 | 4006 |
| 5 chrUn.419531 | G | 0.364 | 3972 |
| 5 chrUn.320550 | G | 0.2294 | 4002 |
| 5 chrUn.320464 | A | 0.3554 | 4004 |
| 5 chrB2.438826 | G | 0.2367 | 3988 |
| 5 chrB2.472783 | G | 0.3113 | 3986 |
| 5 chrB2.506931 | G | 0.2101 | 3998 |
| 5 chrUn23.1031 | A | 0.116 | 3878 |
| 5 chrUn.176891 | A | 0.3244 | 3992 |

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| 5 chrUn.23593(A | G | 0.2504 | 3998 |
| 5 chrUn.14382(A | G | 0.4411 | 4008 |
| 5 chrUn35.599(G | A | 0.3822 | 4006 |
| 5 chrB2.11429 G | A | 0.2335 | 3974 |
| 5 chrB2.16531 G | A | 0.3073 | 3996 |
| 5 chrB2.62788 A | G | 0.1301 | 4006 |
| 5 chrX.173974(A | C | 0.3268 | 3978 |
| 5 chrUn.84372(A | G | 0.1952 | 4002 |
| 5 chrX.608586(A | G | 0.02287 | 3892 |
| 5 chrX.608624(A | C | 0.2405 | 3892 |
| 5 chrX.609303(A | C | 0.3833 | 3986 |
| 5 chrUn.19423(A | G | 0.4553 | 4004 |
| 5 chrX.610397(A | G | 0.2795 | 3982 |
| 5 chrUn.27858(C | A | 0.2829 | 3984 |
| 5 chrD4.73789(G | A | 0.2818 | 3996 |
| 5 chrUn.29434(G | A | 0.01331 | 3982 |
| 5 chrB2.92963(A | G | 0.07877 | 3948 |
| 5 chrB2.77374(G | A | 0.1765 | 3808 |
| 5 chrUn.15701(C | A | 0.4111 | 3926 |
| 5 chrUn.48682(A | G | 0.112 | 4008 |
| 5 chrB2.58521(A | G | 0.1642 | 3830 |
| 5 chrA1.18324(G | A | 0.4743 | 4002 |
| 5 chrUn.52794(G | A | 0.3048 | 3970 |
| 5 chrUn.54034(A | G | 0.1997 | 3980 |
| 5 chrB2.66328(A | C | 0.2174 | 3786 |
| 5 chrB2.81440(G | A | 0.1633 | 3992 |
| 5 chrB2.83878(A | G | 0.19 | 3900 |
| 5 chrB2.87934(A | G | 0.2251 | 3980 |
| 5 chrB2.92198(G | A | 0.05228 | 3998 |
| 5 chrB2.96781(G | A | 0.08976 | 3966 |
| 5 chrB2.10269(A | G | 0.07509 | 3942 |
| 5 chrB2.10520(A | G | 0.1943 | 4000 |
| 5 chrB2.10861(A | G | 0.1824 | 3964 |
| 5 chrB2.11183(G | A | 0.3742 | 3934 |
| 5 chrB2.11446(A | G | 0.1922 | 3960 |
| 5 chrB2.11715(G | A | 0.4606 | 4008 |
| 5 chrB2.11747(A | G | 0.1434 | 4002 |
| 5 chrB2.12142(C | A | 0.3569 | 3984 |
| 5 chrB2.12481(A | G | 0.2631 | 3896 |
| 5 chrB2.12981(A | G | 0.4147 | 3902 |
| 5 chrB2.13875(A | C | 0.03288 | 3802 |

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| 5 chrB2.148578A | G | 0.1572 | 4002 |
| 5 chrB2.151683A | G | 0.2474 | 3982 |
| 5 chrE1.647363G | A | 0.4723 | 3966 |
| 5 chrB2.144296G | A | 0.1872 | 4002 |
| 5 chrB2.159238A | G | 0.143 | 3994 |
| 5 chrB2.167184G | A | 0.3495 | 3994 |
| 5 chrB2.173292A | G | 0.1389 | 3838 |
| 5 chrB2.176183A | C | 0.1045 | 4008 |
| 5 chrB2.184597G | A | 0.1589 | 3800 |
| 5 chrUn.513551 | 0 A | 0 | 3984 |
| 5 chrB2.191986A | G | 0.1686 | 3992 |
| 5 chrB2.217418A | C | 0.2682 | 3960 |
| 5 chrB2.219918A | G | 0.02844 | 4008 |
| 5 chrB2.223182A | G | 0.2422 | 4000 |
| 5 chrB2.227325A | G | 0.04946 | 3720 |
| 5 chrB2.232659G | A | 0.07988 | 4006 |
| 5 chrB2.237180G | A | 0.4709 | 3990 |
| 5 chrB2.241969G | A | 0.1135 | 3992 |
| 5 chrB2.245973A | G | 0.1801 | 3970 |
| 5 chrB2.246119A | G | 0.1448 | 3984 |
| 5 chrB2.250122C | A | 0.01998 | 4004 |
| 5 chrB2.255187A | G | 0.1127 | 3938 |
| 5 chrB2.259785G | A | 0.2946 | 4006 |
| 5 chrB2.262843G | A | 0.4689 | 3928 |
| 5 chrB2.271717A | G | 0.2096 | 4002 |
| 5 chrB2.278722A | G | 0.08138 | 4006 |
| 5 chrB2.281632G | A | 0.2057 | 3962 |
| 5 chrB2.287568A | G | 0.2983 | 4006 |
| 5 chrB2.291022G | A | 0.1292 | 4002 |
| 5 chrB2.296922A | G | 0.2486 | 4006 |
| 5 chrB2.300507G | A | 0.1851 | 3934 |
| 5 chrB2.307268G | A | 0.2126 | 3980 |
| 5 chrB2.311531A | G | 0.4534 | 3988 |
| 5 chrB2.315259G | A | 0.3937 | 3990 |
| 5 chrB2.318876A | G | 0.004014 | 3986 |
| 5 chrB2.322878G | A | 0.3872 | 3990 |
| 5 chrB2.327635A | G | 0.1218 | 4008 |
| 5 chrB2.330257A | G | 0.4823 | 4004 |
| 5 chrB2.343789C | A | 0.3079 | 3978 |
| 5 chrB2.346810A | G | 0.2567 | 3970 |
| 5 chrUn.141501A | G | 0.3872 | 3998 |

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| 5 chrB2.351820G | A | 0.1933 | 4000 |
| 5 chrB2.357573A | G | 0.1925 | 4006 |
| 5 chrB2.366082G | A | 0.3907 | 4006 |
| 5 chrB2.370225A | G | 0.3118 | 4006 |
| 5 chrB2.383592A | G | 0.155 | 3968 |
| 5 chrB2.387466G | A | 0.1141 | 4004 |
| 5 chrB2.399393A | G | 0.363 | 3950 |
| 5 chrB2.408578A | C | 0.1443 | 3992 |
| 5 chrB2.403871G | A | 0.1164 | 3900 |
| 5 chrB2.415203A | G | 0.09436 | 4006 |
| 5 chrB2.410966G | A | 0.06743 | 4004 |
| 5 chrB2.418813G | A | 0.228 | 4000 |
| 5 chrUn.26750(A | G | 0.354 | 3994 |
| 5 chrUn.35752(A | G | 0.3971 | 3840 |
| 5 chrB2.422067A | G | 0.1152 | 3888 |
| 5 chrB2.424109G | A | 0.1753 | 4004 |
| 5 chrB2.426396G | A | 0.05748 | 3984 |
| 5 chrB2.434279A | G | 0.4062 | 3998 |
| 5 chrB2.438955A | G | 0.01123 | 4006 |
| 5 chrB2.459349G | A | 0.03301 | 3938 |
| 5 chrB2.462505C | A | 0.3382 | 3950 |
| 5 chrB2.454601C | A | 0.451 | 4004 |
| 5 chrB2.466703A | G | 0.00999 | 4004 |
| 5 chrB2.473377A | G | 0.0002501 | 3998 |
| 5 chrB2.473388A | G | 0.02578 | 3996 |
| 5 Phen_CMAH_A | G | 0.2238 | 3936 |
| 5 chrB2.476535G | A | 0.4962 | 3976 |
| 5 chrB2.481134A | G | 0.1449 | 4002 |
| 5 chrUn.57638(A | G | 0.3678 | 3994 |
| 5 chrB2.486342A | G | 0.3182 | 3998 |
| 5 chrB2.492574G | A | 0.4785 | 4000 |
| 5 chrB2.495339A | G | 0.1842 | 4002 |
| 5 chrB2.499073A | G | 0.398 | 3990 |
| 5 chrB2.501814A | G | 0.433 | 4002 |
| 5 chrB2.504368A | C | 0.093 | 4000 |
| 5 chrB2.512132C | A | 0.29 | 3990 |
| 5 chrB2.514521A | G | 0.1717 | 4006 |
| 5 chrB2.517082G | A | 0.3056 | 4008 |
| 5 chrB2.522160G | A | 0.2269 | 3768 |
| 5 chrUn.73426(A | G | 0.2425 | 4008 |
| 5 chrB2.528508A | G | 0.1586 | 4004 |

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| 5 chrB2.531753G | A | 0.002516 | 3974 |
| 5 chrB2.535732A | G | 0.1204 | 4002 |
| 5 chrB2.539214A | C | 0.3171 | 3996 |
| 5 chrB2.544898A | G | 0.2122 | 3972 |
| 5 chrB2.550756A | G | 0.3208 | 3996 |
| 5 chrB2.553311A | G | 0.05772 | 4002 |
| 5 chrB2.557131C | A | 0.0605 | 4000 |
| 5 chrB2.564437A | G | 0.2592 | 4000 |
| 5 chrB2.568062A | G | 0.2687 | 3990 |
| 5 chrB2.580103G | A | 0.1781 | 3992 |
| 5 chrB2.595557A | G | 0.1838 | 4004 |
| 5 chrB2.597994G | A | 0.4476 | 3986 |
| 5 chrB2.600642A | G | 0.4008 | 3980 |
| 5 chrB2.603573G | A | 0.06593 | 4004 |
| 5 chrB2.608115G | A | 0.2989 | 4002 |
| 5 chrB2.613512G | A | 0.1293 | 3998 |
| 5 chrB2.621149G | A | 0.04845 | 4004 |
| 5 chrB2.625803A | G | 0.101 | 3872 |
| 5 chrB2.631653C | A | 0.243 | 3996 |
| 5 chrB2.632359A | G | 0.06837 | 3832 |
| 5 chrB2.634439A | G | 0.01224 | 4002 |
| 5 chrB2.636495 | 0 G | 0 | 4010 |
| 5 chrB2.639677G | A | 0.02002 | 3996 |
| 5 chrB2.642805A | G | 0.1425 | 3978 |
| 5 chrB2.652284G | A | 0.329 | 3994 |
| 5 chrB2.659516A | G | 0.2539 | 4002 |
| 5 chrB2.665547G | A | 0.4062 | 4000 |
| 5 chrB2.677075G | A | 0.1255 | 4000 |
| 5 chrB2.684705G | A | 0.2103 | 4004 |
| 5 chrB2.688229A | G | 0.4596 | 3956 |
| 5 chrB2.690675G | A | 0.1682 | 3990 |
| 5 chrB2.694815A | G | 0.04499 | 3912 |
| 5 chrB2.704257A | G | 0.1705 | 4000 |
| 5 chrB2.709073A | G | 0.04098 | 4002 |
| 5 chrB2.717392A | G | 0.1808 | 3998 |
| 5 chrB2.721271A | G | 0.4203 | 4002 |
| 5 chrB2.726789A | G | 0.2984 | 3978 |
| 5 chrB2.732067A | G | 0.2068 | 4004 |
| 5 chrB2.737659A | G | 0.001748 | 4004 |
| 5 chrB2.742246A | G | 0.1135 | 4008 |
| 5 chrB2.744845G | A | 0.1981 | 3992 |

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| 5 chrB2.748677G | A | 0.428 | 3942 |
| 5 chrB2.753394A | G | 0.2359 | 3980 |
| 5 chrB2.759234G | A | 0.4585 | 4002 |
| 5 chrD4.484611A | G | 0.4689 | 3992 |
| 5 chrB2.762235A | G | 0.1062 | 4000 |
| 5 chrB2.763928A | G | 0.2044 | 4002 |
| 5 chrB2.770849A | G | 0.02653 | 3958 |
| 5 chrB2.776689G | A | 0.1551 | 4004 |
| 5 chrB2.779609A | G | 0.1402 | 4002 |
| 5 chrB2.784541G | A | 0.04144 | 4006 |
| 5 chrB2.790077G | A | 0.3345 | 4000 |
| 5 chrB2.795179A | C | 0.1628 | 3986 |
| 5 chrB2.799162A | G | 0.2238 | 3994 |
| 5 chrB2.805977G | A | 0.09845 | 3992 |
| 5 chrB2.811783A | G | 0.169 | 4000 |
| 5 chrB2.815226A | G | 0.03195 | 4006 |
| 5 chrB2.818490A | G | 0.166 | 4000 |
| 5 chrB2.823787G | A | 0.1835 | 3984 |
| 5 chrB2.826619A | G | 0.08972 | 3990 |
| 5 chrB2.831219A | C | 0.3111 | 3986 |
| 5 chrB2.837333A | G | 0.3633 | 3966 |
| 5 chrB2.840044A | G | 0.2719 | 3968 |
| 5 chrB2.845392A | G | 0.3603 | 3980 |
| 5 chrB2.847780G | A | 0.3608 | 3952 |
| 5 chrB2.850346C | A | 0.482 | 3994 |
| 5 chrB2.855807A | G | 0.08254 | 3998 |
| 5 chrB2.858202G | A | 0.03684 | 3990 |
| 5 chrB2.861363A | G | 0.2453 | 3686 |
| 5 chrB2.869240G | A | 0.1175 | 4000 |
| 5 chrB2.873872A | G | 0.2206 | 3998 |
| 5 chrB2.876455G | A | 0.2074 | 3992 |
| 5 chrB2.879745G | A | 0.4137 | 3996 |
| 5 chrB2.882848A | G | 0.01751 | 3998 |
| 5 chrB2.887573C | A | 0.471 | 3998 |
| 5 chrB2.890466A | C | 0.03038 | 3818 |
| 5 chrB2.893142A | G | 0.09649 | 3990 |
| 5 chrUn.425851G | C | 0.07766 | 3992 |
| 5 chrB2.911844A | G | 0.459 | 4002 |
| 5 chrB2.914321C | A | 0.4997 | 3978 |
| 5 chrB2.921907A | G | 0.4038 | 4002 |
| 5 chrB2.925998G | A | 0.006484 | 4010 |

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| 5 chrB2.929986A | G | 0.07692 | 4004 |
| 5 chrB2.931123G | A | 0.1085 | 3990 |
| 5 chrB2.934573G | A | 0.1783 | 3942 |
| 5 chrB2.937787A | C | 0.2458 | 3962 |
| 5 chrUn.210441C | A | 0.00555 | 3964 |
| 5 chrB2.942526A | G | 0.1116 | 3978 |
| 5 chrB2.944939G | A | 0.245 | 3992 |
| 5 chrB2.955880G | A | 0.08288 | 4006 |
| 5 chrB2.963571G | A | 0.486 | 3990 |
| 5 chrB2.967627A | G | 0.1284 | 3924 |
| 5 chrB2.970152A | C | 0.382 | 3990 |
| 5 chrB2.973902A | C | 0.4794 | 3982 |
| 5 chrB2.979413G | A | 0.3166 | 3970 |
| 5 chrB2.981791G | A | 0.1139 | 4002 |
| 5 chrB2.988827G | A | 0.1408 | 3936 |
| 5 chrB2.992722G | A | 0.1699 | 3996 |
| 5 chrB2.996345A | G | 0.08454 | 3998 |
| 5 chrB2.100132C | A | 0.1069 | 4004 |
| 5 chrB2.100422C | A | 0.1061 | 3976 |
| 5 chrB2.100870G | A | 0.4998 | 4000 |
| 5 chrB2.101988C | A | 0.0208 | 3990 |
| 5 chrB2.102016G | A | 0.4892 | 3994 |
| 5 chrB2.102316A | G | 0.4413 | 4000 |
| 5 chrB2.102684A | G | 0.3846 | 3996 |
| 5 chrB2.103332G | A | 0.4995 | 4008 |
| 5 chrB2.103997G | A | 0.1635 | 3994 |
| 5 chrB2.104274A | G | 0.09959 | 3916 |
| 5 chrB2.104931A | C | 0.4985 | 4004 |
| 5 chrA1.677437C | A | 0.08617 | 3992 |
| 5 chrA1.677880G | A | 0.3797 | 3940 |
| 5 chrB2.106740A | G | 0.2876 | 3998 |
| 5 chrB2.107381C | A | 0.4627 | 3990 |
| 5 chrB2.107727G | A | 0.2394 | 3998 |
| 5 chrB2.108068A | G | 0.3191 | 4002 |
| 5 chrB2.108422A | G | 0.2293 | 3982 |
| 5 chrB2.108917A | G | 0.01902 | 3996 |
| 5 chrD2.692949C | A | 0.2744 | 3994 |
| 5 chrB2.109402A | G | 0.01502 | 3994 |
| 5 chrB2.109749A | G | 0.3794 | 4004 |
| 5 chrB2.110772A | G | 0.4862 | 3980 |
| 5 chrB2.111206G | A | 0.3368 | 3976 |

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| 5 chrB2.112069G | A | 0.09386 | 4006 |
| 5 chrB2.112613A | G | 0.1927 | 3840 |
| 5 chrB2.112903A | G | 0.4632 | 3998 |
| 5 chrB2.113737C | A | 0.1251 | 3678 |
| 5 chrB2.114040G | A | 0.3045 | 4000 |
| 5 chrUn.802514A | G | 0.297 | 3966 |
| 5 chrB2.114347G | A | 0.02919 | 4008 |
| 5 chrB2.114895A | C | 0.07556 | 3838 |
| 5 chrB2.115531G | A | 0.1687 | 4002 |
| 5 chrB2.115823A | G | 0.1953 | 3998 |
| 5 chrB2.116777A | G | 0.3909 | 3996 |
| 5 chrB2.116093G | A | 0.1532 | 3976 |
| 5 chrB2.117257G | A | 0.408 | 4002 |
| 5 chrB2.117520A | G | 0.0998 | 4008 |
| 5 chrB2.118165G | A | 0.1261 | 4004 |
| 5 chrB2.118735A | C | 0.02818 | 4010 |
| 5 chrB2.118998G | A | 0.08956 | 3774 |
| 5 chrB2.119268G | A | 0.3612 | 3978 |
| 5 chrB2.119870G | A | 0.1659 | 4008 |
| 5 chrB2.120653A | G | 0.2222 | 3988 |
| 5 chrB2.121054A | G | 0.3702 | 3992 |
| 5 chrB2.121432G | A | 0.07817 | 3902 |
| 5 chrB2.121593A | G | 0.2249 | 3988 |
| 5 chrB2.121944G | A | 0.3611 | 3996 |
| 5 chrB2.122546C | A | 0.09889 | 3792 |
| 5 chrB2.123161G | A | 0.3174 | 3992 |
| 5 chrB2.123476G | A | 0.3873 | 3976 |
| 5 chrB2.124031G | A | 0.03323 | 3972 |
| 5 chrB2.124302G | A | 0.3386 | 3996 |
| 5 chrB2.125112G | A | 0.3725 | 3992 |
| 5 chrB2.126033A | G | 0.1023 | 3998 |
| 5 chrB2.126877A | G | 0.09661 | 4006 |
| 5 chrUn12.1094A | G | 0.04466 | 4008 |
| 5 chrUn12.1454A | G | 0.1552 | 3596 |
| 5 chrB2.365980A | G | 0.04948 | 4002 |
| 5 chrB2.366009 | 0 C | 0 | 3970 |
| 5 chrB2.366908A | C | 0.0547 | 4004 |
| 5 chrB2.367009G | C | 0.3961 | 4004 |
| 5 chrB2.367032G | C | 0.3403 | 4008 |
| 5 chrB2.367360G | A | 0.06097 | 4002 |
| 5 chrB2.367388G | C | 0.2562 | 3970 |

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| 5 chrB2.367614G | C | 0.04042 | 4008 |
| 5 chrB2.367820G | C | 0.4006 | 3994 |
| 5 chrB2.367835A | G | 0.3325 | 3994 |
| 5 chrB2.368164G | C | 0.3657 | 3998 |
| 5 chrB2.368424T | A | 0.03197 | 4004 |
| 5 chrB2.368435A | G | 0.1567 | 3996 |
| 5 chrB2.368498G | C | 0.06228 | 3998 |
| 5 chrB2.368737T | A | 0.003493 | 4008 |
| 5 chrB2.368845G | C | 0.4043 | 3866 |
| 5 chrB2.368850G | A | 0.07307 | 3928 |
| 5 chrB2.369294T | A | 0.05442 | 4006 |
| 5 chrB2.369306A | G | 0.09311 | 4006 |
| 5 chrB2.369347G | C | 0.002753 | 3996 |
| 5 chrB2.369997A | G | 0.008987 | 4006 |
| 5 chrB2.370555G | C | 0.1578 | 4004 |
| 5 chrB2.370748 | 0 C | 0 | 4010 |
| 5 chrB2.370871A | G | 0.1222 | 4000 |
| 5 chrB2.371228A | G | 0.2588 | 3984 |
| 5 chrB2.371286T | A | 0.09555 | 3998 |
| 5 chrB2.371779T | A | 0.1552 | 3976 |
| 5 chrB2.372261G | C | 0.09518 | 3982 |
| 5 chrB2.372281 | 0 C | 0 | 4008 |
| 5 chrB2.372299G | A | 0.1919 | 4002 |
| 5 chrB2.372365G | C | 0.4432 | 3996 |
| 5 chrB2.373140G | C | 0.0106 | 3962 |
| 5 chrB2.373264A | C | 0.1197 | 3976 |
| 5 chrB2.373701C | A | 0.4341 | 3992 |
| 5 chrB2.373867G | C | 0.3747 | 3974 |
| 5 chrB2.374202T | A | 0.2806 | 3992 |
| 5 chrB2.374299C | A | 0.451 | 3998 |
| 5 chrB2.375419C | G | 0.09049 | 3868 |
| 5 chrB2.376115G | C | 0.2088 | 3990 |
| 5 chrB2.374907G | C | 0.05316 | 3950 |
| 5 chrB2.376835C | A | 0.2165 | 4004 |
| 5 chrB2.375532A | G | 0.1596 | 3984 |
| 5 chrB2.375530G | C | 0.04487 | 3856 |
| 5 chrB2.376399G | C | 0.1607 | 3740 |
| 5 chrB2.376385T | A | 0.19 | 3852 |
| 5 chrB2.376366C | A | 0.05143 | 3908 |
| 5 chrB2.376357T | A | 0.03085 | 3792 |
| 5 chrB2.376354G | A | 0.05043 | 3926 |

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| 5 chrB2.376345G | C | 0.03669 | 3816 |
| 5 chrB2.376272C | G | 0.4749 | 3792 |
| 5 chrB2.375260A | G | 0.1095 | 4000 |
| 5 chrB2.377435G | C | 0.3734 | 3918 |
| 5 chrB2.377453A | G | 0.306 | 3948 |
| 5 chrB2.372805G | C | 0.01086 | 3958 |
| 5 chrB2.127918A | G | 0.4822 | 3986 |
| 5 chrB2.128225G | A | 0.1451 | 3934 |
| 5 chrB2.128396C | A | 0.07129 | 3998 |
| 5 chrB2.128785G | A | 0.1092 | 3994 |
| 5 chrB2.129156A | C | 0.1644 | 4008 |
| 5 chrB2.129759A | C | 0.1907 | 3922 |
| 5 chrB2.130214A | C | 0.1312 | 3994 |
| 5 chrB2.131314A | G | 0.00524 | 4008 |
| 5 chrB2.131918G | A | 0.4156 | 4004 |
| 5 chrB2.132410C | A | 0.08178 | 3974 |
| 5 chrB2.132824A | G | 0.02781 | 3812 |
| 5 chrB2.133088A | G | 0.04904 | 3752 |
| 5 chrB2.133767A | G | 0.1874 | 3996 |
| 5 chrB2.134328G | A | 0.08308 | 3984 |
| 5 chrB2.134651A | G | 0.2198 | 4008 |
| 5 chrB2.134959A | C | 0.1748 | 3998 |
| 5 chrB2.135718G | A | 0.2857 | 3966 |
| 5 chrB2.136258A | G | 0.1702 | 4006 |
| 5 chrB2.136521A | G | 0.07785 | 3982 |
| 5 chrB2.137273C | A | 0.3042 | 3988 |
| 5 chrB2.137749G | A | 0.4853 | 4006 |
| 5 chrB2.138060A | G | 0.1089 | 3976 |
| 5 chrB2.138475A | G | 0.4725 | 3960 |
| 5 chrB2.139238A | G | 0.3554 | 3996 |
| 5 chrUn.324000A | G | 0.1096 | 4004 |
| 5 chrB2.139531A | G | 0.4962 | 3992 |
| 5 chrB2.140076A | G | 0.3501 | 3970 |
| 5 chrB2.140811A | G | 0.06019 | 4004 |
| 5 chrB2.141561A | G | 0.007988 | 4006 |
| 5 chrB2.142123A | G | 0.3499 | 3998 |
| 5 chrB2.142630G | A | 0.4654 | 3990 |
| 5 chrB2.143147A | G | 0.4683 | 4004 |
| 5 chrB2.143434A | G | 0.2696 | 4006 |
| 5 chrB2.145078G | A | 0.1031 | 4006 |
| 5 chrB2.145741C | A | 0.2166 | 3942 |

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| 5 chrB2.146020A | G | 0.1348 | 4006 |
| 5 chrB2.146670G | A | 0.4166 | 3860 |
| 5 chrB2.146811A | G | 0.006804 | 3968 |
| 5 chrB2.146911A | G | 0.2639 | 4002 |
| 5 chrB2.147153A | G | 0.3192 | 3998 |
| 5 chrB2.147953A | G | 0.1012 | 4002 |
| 5 chrB2.148859G | A | 0.1187 | 3868 |
| 5 chrB2.149300G | A | 0.231 | 4000 |
| 5 chrB2.149555A | G | 0.2328 | 3994 |
| 5 chrB2.149798A | G | 0.1463 | 4006 |
| 5 chrB2.149864G | A | 0.3192 | 3998 |
| 5 chrB2.150117A | G | 0.2755 | 4004 |
| 5 chrB2.150615A | G | 0.04797 | 3982 |
| 5 chrB2.151110G | A | 0.3904 | 4004 |
| 5 chrB2.151571C | A | 0.2298 | 3916 |
| 5 chrB2.152269G | A | 0.1316 | 4004 |
| 5 chrB2.152512A | G | 0.2011 | 3914 |
| 5 chrB2.152805A | C | 0.4504 | 3892 |
| 5 chrB2.153186A | G | 0.3507 | 3964 |
| 5 chrB2.153562A | G | 0.4585 | 4000 |
| 5 chrB2.153958G | A | 0.4122 | 3940 |
| 5 chrUn.219997G | A | 0.3072 | 4004 |
| 5 chrB2.154364G | A | 0.2418 | 3986 |
| 5 chrB2.154729A | C | 0.1308 | 4000 |
| 5 chrUn.675264A | G | 0.3878 | 4002 |
| 5 chrB2.155598A | G | 0.2911 | 3974 |
| 5 chrB2.155923A | G | 0.05152 | 3688 |
| 5 chrB2.157414A | G | 0.2616 | 4002 |
| 5 chrB2.157974C | A | 0.07854 | 3998 |
| 5 chrB2.158552A | G | 0.03546 | 3920 |
| 5 chrB2.158834G | A | 0.1216 | 4004 |
| 5 chrB2.159097A | G | 0.2028 | 3994 |
| 5 chrB2.159450G | A | 0.4313 | 4004 |
| 5 chrB2.159870C | A | 0.2509 | 3982 |
| 5 chrB2.160200G | A | 0.2119 | 3998 |
| 5 chrB2.160915A | G | 0.1541 | 3998 |
| 5 chrB2.161444C | A | 0.2115 | 3996 |
| 5 chrB2.161922C | A | 0.4186 | 3994 |
| 5 chrB2.162218A | G | 0.303 | 3994 |
| 5 chrB2.162752A | C | 0.1311 | 4006 |
| 5 chrB2.163186A | G | 0.1051 | 4006 |

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| 5 chrB2.164007G | A | 0.2233 | 3954 |
| 5 chrB2.164499A | G | 0.2545 | 4000 |
| 5 chrB2.165008G | A | 0.1787 | 4000 |
| 5 chrB2.165492G | A | 0.3397 | 3992 |
| 5 chrB2.166185A | G | 0.1296 | 3896 |
| 5 chrB2.166615G | A | 0.139 | 4000 |
| 5 chrB2.167087G | A | 0.04583 | 3884 |
| 5 chrB2.167568A | G | 0.2841 | 3992 |
| 5 chrB2.168113A | C | 0.0879 | 3982 |
| 5 chrB2.168484A | G | 0.2662 | 4008 |
| 5 chrB2.168884A | G | 0.02286 | 3894 |
| 5 chrB2.169243G | A | 0.3141 | 4002 |
| 5 chrB2.169778A | C | 0.0979 | 3994 |
| 5 chrB2.170211A | G | 0.2611 | 4002 |
| 5 chrB2.170495A | G | 0.3488 | 3948 |
| 5 chrB2.171199A | C | 0.4119 | 3984 |
| 5 chrB2.172095A | G | 0.2 | 4006 |
| 5 chrB2.172684A | G | 0.3787 | 3900 |
| 5 chrB2.173139C | A | 0.1567 | 3994 |
| 5 chrB2.173500G | A | 0.1109 | 4004 |
| 5 chrB2.174161A | G | 0.1416 | 3904 |
| 5 chrB2.174452G | A | 0.3933 | 3984 |
| 5 chrB2.174763A | G | 0.2205 | 3996 |
| 5 chrB2.175077A | G | 0.2125 | 3990 |
| 5 chrB2.175511G | A | 0.3903 | 3992 |
| 5 chrB2.176346G | A | 0.1926 | 4004 |
| 5 chrB2.176598A | G | 0.2425 | 4000 |
| 5 chrB2.177008G | A | 0.2654 | 3918 |
| 5 chrB2.177400G | A | 0.2576 | 3708 |
| 5 chrB2.178361G | A | 0.04279 | 3926 |
| 5 chrB2.178695G | A | 0.373 | 3954 |
| 5 chrB2.179045A | G | 0.1194 | 3878 |
| 5 chrB2.179833A | G | 0.478 | 3992 |
| 5 chrB2.180094A | C | 0.3168 | 4002 |
| 5 chrB2.180430G | A | 0.3037 | 4004 |
| 5 chrB2.181043A | G | 0.2639 | 3990 |
| 5 chrB2.181624G | A | 0.1589 | 3990 |
| 5 chrB2.182000A | G | 0.4138 | 3990 |
| 5 chrB2.182369A | G | 0.3917 | 3980 |
| 5 chrB2.182647A | C | 0.2752 | 3954 |
| 5 chrB2.183562G | A | 0.3829 | 3998 |

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| 5 chrB2.183954A | G | 0.006263 | 3992 |
| 5 chrB2.184278C | A | 0.1263 | 3992 |
| 5 chrB2.185012A | G | 0.0217 | 4010 |
| 5 chrB2.185814A | G | 0.3106 | 3982 |
| 5 chrB2.187087A | G | 0.4753 | 3974 |
| 5 chrX.2071011A | G | 0.2072 | 3972 |
| 5 chrB2.188182A | G | 0.4993 | 4002 |
| 5 chrB2.188929A | G | 0.03394 | 3978 |
| 5 chrB2.189983A | G | 0.2198 | 3990 |
| 5 chrB2.190560G | A | 0.09406 | 4008 |
| 5 chrB2.191098A | C | 0.1794 | 3974 |
| 5 chrB2.191970A | G | 0.06291 | 4006 |
| 5 chrB2.192586G | A | 0.1228 | 4000 |
| 5 chrB2.193642C | A | 0.209 | 4000 |
| 5 chrB2.194343A | G | 0.1659 | 3996 |
| 5 chrB2.194693A | G | 0.1588 | 3992 |
| 5 chrB2.195130A | G | 0.3912 | 4006 |
| 5 chrB2.195502A | G | 0.4585 | 4000 |
| 5 chrB2.196255G | A | 0.1632 | 3996 |
| 5 chrB2.197771G | A | 0.438 | 3998 |
| 5 chrB2.198735A | G | 0.3807 | 4000 |
| 5 chrB2.200025A | G | 0.01714 | 3850 |
| 5 chrB2.200513A | G | 0.04493 | 4006 |
| 5 chrB2.201058C | A | 0.08342 | 3992 |
| 5 chrB2.201704C | A | 0.492 | 3986 |
| 5 chrB2.202700A | G | 0.3255 | 3988 |
| 5 chrB2.203346A | G | 0.1367 | 4002 |
| 5 chrB2.205134A | G | 0.3291 | 3974 |
| 5 chrB2.205694G | A | 0.1451 | 4004 |
| 5 chrB2.206153G | A | 0.0004988 | 4010 |
| 5 chrB2.206216G | A | 0.271 | 4000 |
| 5 chrB2.206743A | C | 0.122 | 3860 |
| 5 chrB2.207178A | G | 0.3589 | 3918 |
| 5 chrB2.207637G | A | 0.0416 | 3990 |
| 5 chrB2.208151A | C | 0.3556 | 3996 |
| 5 chrB2.208536G | A | 0.3019 | 4004 |
| 5 chrB2.209328A | C | 0.01027 | 3994 |
| 5 chrB2.209721A | G | 0.3688 | 4002 |
| 5 chrB2.210745A | G | 0.04173 | 4002 |
| 5 chrB2.211065A | G | 0.3702 | 3982 |
| 5 chrB2.211182C | A | 0.419 | 3986 |

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| 5 chrB2.211444G | A | 0.3765 | 4000 |
| 5 chrB2.212712A | G | 0.03591 | 4010 |
| 5 chrB2.213345A | G | 0.2474 | 4002 |
| 5 chrB2.213764A | G | 0.4117 | 3998 |
| 5 chrB2.214198C | A | 0.4711 | 3982 |
| 5 chrB2.214749A | G | 0.1461 | 4004 |
| 5 chrB2.215111A | G | 0.05991 | 4006 |
| 5 chrB2.215454A | G | 0.2308 | 4008 |
| 5 chrB2.215810A | G | 0.1166 | 4006 |
| 5 chrB2.216367G | A | 0.1797 | 3990 |
| 5 chrB2.217050A | G | 0.2241 | 3984 |
| 5 chrB2.217401G | A | 0.3413 | 3914 |
| 5 chrB2.218163A | G | 0.116 | 3766 |
| 5 chrB2.219596G | A | 0.3837 | 3948 |
| 5 chrB2.219936A | G | 0.05991 | 4006 |
| 5 chrB2.220338A | G | 0.4394 | 3996 |
| 5 chrB2.220703A | G | 0.1208 | 3972 |
| 5 chrB2.222091A | G | 0.3358 | 4008 |
| 5 chrB2.222858A | G | 0.09009 | 3996 |
| 5 chrB2.223330C | A | 0.3098 | 3996 |
| 5 chrB2.224514G | A | 0.1323 | 3990 |
| 5 chrC1.179881A | G | 0.0694 | 4006 |
| 5 chrB2.227362A | G | 0.1254 | 3988 |
| 5 chrB2.228450G | A | 0.07471 | 4002 |
| 5 chrB2.229162C | A | 0.3275 | 3688 |
| 5 chrB2.229406A | G | 0.3377 | 3932 |
| 5 chrB2.229769A | G | 0.1704 | 3978 |
| 5 chrB2.231141G | A | 0.09334 | 3996 |
| 5 chrB2.231619G | A | 0.3262 | 4000 |
| 5 chrB2.232866A | G | 0.1813 | 3972 |
| 5 chrB2.233983A | G | 0.3433 | 3830 |
| 5 chrB2.234268A | G | 0.2133 | 4004 |
| 5 chrUn.63892A | C | 0.4317 | 3996 |
| 5 chrB2.234562G | A | 0.02778 | 3996 |
| 5 chrB2.235452A | G | 0.1879 | 3992 |
| 5 chrB2.236330A | G | 0.1304 | 4004 |
| 5 chrB2.238333A | G | 0.1759 | 4002 |
| 5 chrB2.242301A | C | 0.326 | 3982 |
| 5 chrB2.242954A | G | 0.2072 | 3996 |
| 5 chrB2.243941A | G | 0.2734 | 3906 |
| 5 chrB2.245386A | G | 0.06843 | 3960 |

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| 5 chrB2.245870G | A | 0.1502 | 4000 |
| 5 chrB2.246326A | G | 0.4805 | 4004 |
| 5 chrB2.246618A | G | 0.04102 | 3998 |
| 5 chrB2.247012G | A | 0.1401 | 3996 |
| 5 chrB2.247110G | A | 0.1436 | 3996 |
| 5 chrB2.247539A | G | 0.4081 | 4006 |
| 5 chrB2.248036A | G | 0.1519 | 3772 |
| 5 chrB2.248328A | G | 0.004743 | 4006 |
| 5 chrB2.248741A | G | 0.4528 | 4002 |
| 5 chrB2.249045C | A | 0.2984 | 3998 |
| 5 chrB2.249375G | A | 0.2424 | 3994 |
| 5 chrUn.552430C | A | 0.0475 | 4000 |
| 5 chrB2.250185A | G | 0.03694 | 4006 |
| 5 chrB2.250600G | A | 0.07975 | 4000 |
| 5 chrB2.250957A | G | 0.2098 | 4008 |
| 5 chrB2.251672G | A | 0.03306 | 3932 |
| 5 chrB2.252512A | G | 0.282 | 3990 |
| 5 chrB2.252755G | A | 0.3989 | 4006 |
| 5 chrB2.253087A | G | 0.3958 | 4002 |
| 5 chrB2.253564A | G | 0.1766 | 3998 |
| 5 chrB2.254102A | G | 0.3119 | 3988 |
| 5 chrB2.254437A | G | 0.3816 | 3994 |
| 5 chrB2.254937A | G | 0.2505 | 3980 |
| 5 chrB2.255276A | G | 0.171 | 3912 |
| 5 chrB2.255882A | C | 0.3332 | 4010 |
| 5 chrB2.256315A | G | 0.4789 | 3986 |
| 5 chrB2.256595G | A | 0.04244 | 4006 |
| 5 chrB2.256870A | G | 0.4562 | 3996 |
| 5 chrB2.257672G | A | 0.1122 | 3922 |
| 5 chrB2.258135A | C | 0.06692 | 3960 |
| 5 chrB2.258801G | A | 0.2473 | 4004 |
| 5 chrB2.259374A | G | 0.09132 | 4008 |
| 5 chrB2.259667A | G | 0.1357 | 3972 |
| 5 chrB2.260361G | A | 0.1695 | 4000 |
| 5 chrB2.260934A | G | 0.2265 | 3986 |
| 5 chrB2.261270A | G | 0.3179 | 3998 |
| 5 chrB2.261389A | G | 0.1393 | 3990 |
| 5 chrB2.261660A | G | 0.3056 | 3976 |
| 5 chrB2.262205G | A | 0.1493 | 3998 |
| 5 chrB2.262482C | A | 0.05303 | 3998 |
| 5 chrB2.262720G | A | 0.3123 | 3986 |

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| 5 chrB2.263211A | G | 0.4355 | 4002 |
| 5 chrB2.26379C | A | 0.1825 | 3978 |
| 5 chrB2.264814G | A | 0.08954 | 3998 |
| 5 chrB2.265409A | G | 0.01687 | 3972 |
| 5 chrB2.265619A | G | 0.4241 | 4004 |
| 5 chrB2.265806A | G | 0.09526 | 4010 |
| 5 chrB2.26611C | G | 0.05675 | 4000 |
| 5 chrB2.266965G | A | 0.2296 | 3994 |
| 5 chrB2.267337C | A | 0.07723 | 3988 |
| 5 chrB2.267799G | A | 0.1288 | 4000 |
| 5 chrB2.26812C | G | 0.1308 | 3992 |
| 5 chrB2.268592A | C | 0.1402 | 4008 |
| 5 chrB2.268856C | A | 0.4682 | 3962 |
| 5 chrB2.269713A | G | 0.1269 | 3948 |
| 5 chrB2.269892A | G | 0.112 | 4000 |
| 5 chrB2.270247A | G | 0.2136 | 4002 |
| 5 chrB2.270582G | A | 0.1553 | 4004 |
| 5 chrB2.271498G | A | 0.1802 | 3980 |
| 5 chrB2.272143G | A | 0.04813 | 4010 |
| 5 chrB2.272532A | G | 0.2427 | 3996 |
| 5 chrB2.27282C | A | 0.1524 | 3976 |
| 5 chrB2.273148G | A | 0.2282 | 3992 |
| 5 chrB2.273607A | G | 0.07716 | 3966 |
| 5 chrB2.274163A | G | 0.1033 | 4008 |
| 5 chrB2.27544C | C | 0.3954 | 3996 |
| 5 chrB2.276152A | G | 0.3656 | 3996 |
| 5 chrB2.276512A | G | 0.004505 | 3996 |
| 5 chrB2.276803A | G | 0.1901 | 3988 |
| 5 chrB2.277352A | G | 0.4124 | 3994 |
| 5 chrB2.278561A | G | 0.1122 | 4000 |
| 5 chrB2.278913G | A | 0.278 | 3996 |
| 5 chrB2.279156A | G | 0.1709 | 4002 |
| 5 chrB2.279508G | A | 0.3939 | 3988 |
| 5 chrB2.279816A | C | 0.2059 | 3982 |
| 5 chrB2.280354A | G | 0.4404 | 3996 |
| 5 chrB2.280672A | G | 0.1732 | 4002 |
| 5 chrB2.280673A | G | 0.0009995 | 4002 |
| 5 chrB2.280945G | A | 0.2964 | 3994 |
| 5 chrB2.281458G | A | 0.4365 | 3998 |
| 5 chrB2.282079A | C | 0.2807 | 3940 |
| 5 chrB2.28241C | G | 0.3889 | 4006 |

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| 5 chrB2.282691A | G | 0.1258 | 3966 |
| 5 chrB2.282994A | G | 0.2399 | 3910 |
| 5 chrB2.283255A | G | 0.1472 | 4008 |
| 5 chrB2.283591G | A | 0.244 | 3992 |
| 5 chrB2.283869C | A | 0.06768 | 4004 |
| 5 chrB2.284225A | G | 0.2442 | 3944 |
| 5 chrB2.284795 | 0 A | 0 | 4008 |
| 5 chrB2.285032A | G | 0.248 | 4000 |
| 5 chrB2.285654A | G | 0.2313 | 3990 |
| 5 chrB2.286266A | G | 0.4977 | 3984 |
| 5 chrB2.286643A | C | 0.4392 | 3946 |
| 5 chrB2.286988A | G | 0.2086 | 4002 |
| 5 chrB2.287540C | A | 0.351 | 4000 |
| 5 chrB2.287884A | G | 0.1281 | 3996 |
| 5 chrB2.288277A | G | 0.01318 | 3944 |
| 5 chrB2.288568A | G | 0.1415 | 3900 |
| 5 chrB2.289100A | G | 0.0467 | 4004 |
| 5 chrB2.289499A | G | 0.2167 | 4000 |
| 5 chrB2.289792A | G | 0.39 | 4000 |
| 5 chrB2.290194A | G | 0.3667 | 3990 |
| 5 chrB2.290639A | G | 0.2382 | 3968 |
| 5 chrB2.291076A | G | 0.2341 | 4006 |
| 5 chrB2.292355A | G | 0.04256 | 3806 |
| 5 chrB2.292683G | A | 0.2807 | 3972 |
| 5 chrB2.293644A | G | 0.002496 | 4006 |
| 5 chrB2.294116A | G | 0.09894 | 3780 |
| 5 chrB2.294626C | A | 0.09086 | 3984 |
| 5 chrB2.295208A | G | 0.1515 | 3994 |
| 5 chrB2.295518G | A | 0.3472 | 3972 |
| 5 chrB2.295860G | A | 0.08467 | 4004 |
| 5 chrB2.296109A | G | 0.2308 | 3990 |
| 5 chrB2.296849A | G | 0.2822 | 3990 |
| 5 chrB2.297109C | A | 0.2205 | 3996 |
| 5 chrB2.297642A | G | 0.2702 | 3964 |
| 5 chrB2.298129G | A | 0.04522 | 3936 |
| 5 chrB2.298454G | A | 0.0009985 | 4006 |
| 5 chrB2.299010G | A | 0.1091 | 3986 |
| 5 chrB2.299274G | A | 0.2235 | 4000 |
| 5 chrB2.299673G | A | 0.01482 | 3980 |
| 5 chrB2.300094A | C | 0.03525 | 4000 |
| 5 chrB2.300706G | A | 0.248 | 4004 |

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|-----------------|-----|---------|------|
| 5 chrB2.301079A | G | 0.0619 | 3990 |
| 5 chrB2.301436C | A | 0.3197 | 4000 |
| 5 chrB2.301792A | G | 0.06515 | 4006 |
| 5 chrB2.302035G | A | 0.1515 | 3960 |
| 5 chrB2.302366 | 0 G | 0 | 4010 |
| 5 chrB2.302622A | G | 0.1641 | 3986 |
| 5 chrB2.303316A | G | 0.04787 | 3802 |
| 5 chrB2.303684G | A | 0.0835 | 3952 |
| 5 chrB2.304542G | A | 0.3556 | 3990 |
| 5 chrB2.304896G | A | 0.2676 | 3886 |
| 5 chrB2.305196A | G | 0.2093 | 3990 |
| 5 chrB2.305430A | G | 0.2803 | 3978 |
| 5 chrB2.305952G | A | 0.2987 | 3990 |
| 5 chrB2.306657A | G | 0.3889 | 3980 |
| 5 chrB2.307216A | G | 0.07043 | 4004 |
| 5 chrB2.307782A | G | 0.266 | 3988 |
| 5 chrB2.308175G | A | 0.3153 | 3910 |
| 5 chrB2.308602A | G | 0.2235 | 3996 |
| 5 chrB2.308953G | A | 0.3916 | 3948 |
| 5 chrB2.309334A | G | 0.4483 | 3948 |
| 5 chrB2.309737G | A | 0.4948 | 3850 |
| 5 chrB2.309998G | A | 0.2451 | 3998 |
| 5 chrUn.152150A | G | 0.3706 | 3996 |
| 5 chrB2.311207A | G | 0.469 | 3934 |
| 5 chrUn.100713A | C | 0.06118 | 3988 |
| 5 chrB2.312374A | G | 0.4136 | 3994 |
| 5 chrB2.312617A | G | 0.2338 | 3990 |
| 5 chrB2.313218G | A | 0.2522 | 4000 |
| 5 chrB2.313962A | C | 0.429 | 4000 |
| 5 chrB2.314654A | G | 0.1947 | 3986 |
| 5 chrB2.315262A | C | 0.2088 | 4004 |
| 5 chrB2.315621G | A | 0.1684 | 4002 |
| 5 chrB2.316061G | A | 0.3626 | 4004 |
| 5 chrB2.316949G | A | 0.09281 | 3922 |
| 5 chrB2.317856G | A | 0.02549 | 4002 |
| 5 chrB2.318623A | G | 0.1978 | 3994 |
| 5 chrB2.318821A | C | 0.0457 | 4004 |
| 5 chrUn.513867 | 0 A | 0 | 3980 |
| 5 chrB2.320262G | A | 0.1684 | 3996 |
| 5 chrB2.320607A | G | 0.1688 | 3992 |
| 5 chrB2.321445C | A | 0.3354 | 3942 |

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|-----------------|---|---------|------|
| 5 chrB2.323428A | G | 0.2311 | 3998 |
| 5 chrB2.323912A | G | 0.05153 | 3998 |
| 5 chrB2.324856G | A | 0.04073 | 4002 |
| 5 chrB2.325209C | A | 0.3491 | 3970 |
| 5 chrB2.325495A | G | 0.03802 | 3998 |
| 5 chrB2.325895A | C | 0.02524 | 3882 |
| 5 chrB2.326375G | A | 0.2105 | 3996 |
| 5 chrB2.326652A | G | 0.1519 | 4002 |
| 5 chrB2.327440A | G | 0.02215 | 3882 |
| 5 chrB2.328186G | A | 0.1386 | 4004 |
| 5 chrB2.328907C | A | 0.3865 | 3990 |
| 5 chrB2.329180G | A | 0.1804 | 3996 |
| 5 chrB2.329895G | A | 0.4845 | 3998 |
| 5 chrB2.330289A | G | 0.2481 | 3990 |
| 5 chrB2.330544A | G | 0.324 | 3972 |
| 5 chrB2.330781A | G | 0.02243 | 3924 |
| 5 chrB2.331146A | G | 0.07715 | 3992 |
| 5 chrB2.331447A | C | 0.1588 | 4000 |
| 5 chrB2.331710A | G | 0.2078 | 3980 |
| 5 chrB2.332146G | A | 0.4048 | 4000 |
| 5 chrB2.332533C | A | 0.03169 | 4008 |
| 5 chrB2.332853G | A | 0.1737 | 4008 |
| 5 chrB2.333215A | G | 0.1972 | 3996 |
| 5 chrB2.333454A | G | 0.1993 | 3988 |
| 5 chrB2.334450G | A | 0.205 | 4000 |
| 5 chrB2.334878C | A | 0.3805 | 3876 |
| 5 chrB2.335126G | A | 0.3414 | 3908 |
| 5 chrB2.335431G | A | 0.335 | 3982 |
| 5 chrB2.335735G | A | 0.0386 | 3990 |
| 5 chrB2.336001G | A | 0.3339 | 3992 |
| 5 chrB2.337117G | A | 0.261 | 3992 |
| 5 chrB2.337376A | G | 0.3682 | 3992 |
| 5 chrB2.338020C | A | 0.1564 | 3976 |
| 5 chrB2.338963A | C | 0.06557 | 3904 |
| 5 chrB2.339416G | A | 0.2243 | 3990 |
| 5 chrB2.339768A | G | 0.3975 | 4000 |
| 5 chrB2.340039G | A | 0.3648 | 3958 |
| 5 chrB2.340301A | G | 0.2241 | 3994 |
| 5 chrB2.340689A | G | 0.1008 | 4008 |
| 5 chrB2.340965G | A | 0.1026 | 4004 |
| 5 chrB2.341350G | A | 0.07642 | 4004 |

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| 5 chrB2.341684A | G | 0.09414 | 3994 |
| 5 chrB2.342223C | A | 0.03976 | 3898 |
| 5 chrB2.342664G | A | 0.07396 | 4002 |
| 5 chrB2.343013A | G | 0.4614 | 3992 |
| 5 chrB2.343393A | G | 0.2915 | 4000 |
| 5 chrB2.344005A | G | 0.04246 | 4004 |
| 5 chrB2.344821A | G | 0.3528 | 4002 |
| 5 chrB2.345133A | G | 0.2457 | 4000 |
| 5 chrB2.345963G | A | 0.2421 | 4002 |
| 5 chrB2.347090A | G | 0.1646 | 3992 |
| 5 chrB2.347067G | A | 0.005511 | 3992 |
| 5 chrB2.347498A | C | 0.0524 | 4008 |
| 5 chrB2.347911G | A | 0.2545 | 3980 |
| 5 chrB2.348312A | C | 0.06147 | 4002 |
| 5 chrB2.348598G | A | 0.2161 | 3966 |
| 5 chrB2.348944A | G | 0.0989 | 4004 |
| 5 chrB2.349512G | A | 0.02762 | 3802 |
| 5 chrB2.350034G | A | 0.1895 | 3974 |
| 5 chrB2.350460G | A | 0.03658 | 3882 |
| 5 chrB2.350707A | G | 0.02319 | 4010 |
| 5 chrB2.351225A | C | 0.05142 | 4006 |
| 5 chrB2.351967G | A | 0.1051 | 4006 |
| 5 chrB2.353318A | G | 0.00176 | 3978 |
| 5 chrB2.353443A | G | 0.02796 | 3898 |
| 5 chrB2.353930A | C | 0.1104 | 3996 |
| 5 chrB2.354181G | A | 0.04443 | 4006 |
| 5 chrB2.354579A | G | 0.0463 | 3974 |
| 5 chrB2.355366A | G | 0.04773 | 3876 |
| 5 chrB2.355464G | A | 0.248 | 3916 |
| 5 chrB2.355745A | G | 0.04623 | 4002 |
| 5 chrB2.356162C | A | 0.2064 | 3958 |
| 5 chrB2.356583G | A | 0.1596 | 4004 |
| 5 chrUn.169793 | 0 C | 0 | 4006 |
| 5 chrB2.357108A | G | 0.1402 | 4000 |
| 5 chrB2.357579A | G | 0.03641 | 4010 |
| 5 chrB2.358232C | A | 0.3921 | 3994 |
| 5 chrB2.358491A | G | 0.3404 | 3986 |
| 5 chrB2.359034G | A | 0.04618 | 4006 |
| 5 chrB2.359362A | G | 0.2629 | 3998 |
| 5 chrB2.359732G | A | 0.07193 | 4004 |
| 5 chrB2.360220A | G | 0.1513 | 3960 |

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| 5 chrB2.36151C | G | 0.0178 | 3932 |
| 5 chrB2.36225C | A | 0.002249 | 4002 |
| 5 chrB2.36260C | G | 0.2202 | 3992 |
| 5 chrB2.36288C | G | 0.1579 | 3964 |
| 5 chrB2.36333C | G | 0.4049 | 3924 |
| 5 chrB2.36379C | G | 0.3408 | 4002 |
| 5 chrB2.36408C | C | 0.02595 | 4008 |
| 5 chrUn.36054C | G | 0.003014 | 3982 |
| 5 chrB2.36453C | C | 0.04968 | 4006 |
| 5 chrC1.79220C | G | 0.1599 | 4002 |
| 5 chrB2.36524C | A | 0.0497 | 4004 |
| 5 chrB2.36549C | G | 0.02357 | 3988 |
| 5 chrUn35.558C | A | 0.02499 | 3882 |
| 5 chrUn35.534C | A | 0.0992 | 3992 |
| 5 chrUn35.502C | G | 0.1535 | 3888 |
| 5 chrUn12.647C | A | 0.2367 | 3984 |
| 5 chrUn12.343C | G | 0.2993 | 3972 |
| 5 chrB2.37678T | A | 0.0695 | 4000 |
| 5 chrB2.37694C | A | 0.2234 | 3926 |
| 5 chrB2.37756C | A | 0.05685 | 3940 |
| 5 chrB2.37763T | A | 0.08874 | 3944 |
| 5 chrB2.37764C | G | 0.4815 | 4006 |
| 5 chrB2.37783C | C | 0.4661 | 4006 |
| 5 chrB2.37818C | C | 0.02535 | 3944 |
| 5 chrB2.37822C | C | 0.1223 | 3998 |
| 5 chrB2.37824C | C | 0.1268 | 3984 |
| 5 chrB2.37879C | G | 0.1334 | 3996 |
| 5 chrB2.37884C | C | 0.3493 | 4008 |
| 5 chrB2.37886C | T | 0.1746 | 4004 |
| 5 chrB2.37886C | C | 0.1115 | 4008 |
| 5 chrB2.37886C | C | 0.3459 | 3972 |
| 5 chrB2.37926C | G | 0.387 | 3858 |
| 5 chrB2.37940C | C | 0.2155 | 3968 |
| 5 chrB2.37952 | 0 C | 0 | 4010 |
| 5 chrB2.37982C | A | 0.04666 | 4008 |
| 5 chrB2.37995C | A | 0.146 | 4008 |
| 5 chrB2.38018C | A | 0.1415 | 4000 |
| 5 chrB2.38033C | A | 0.0395 | 4000 |
| 5 chrB2.38074C | A | 0.1573 | 4000 |
| 5 chrB2.38117T | A | 0.03167 | 4010 |
| 5 chrB2.38119C | G | 0.3883 | 3992 |

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| 5 chrB2.381237G | C | 0.117 | 4008 |
| 5 chrB2.381905G | C | 0.0515 | 4000 |
| 5 chrB2.381917A | G | 0.3057 | 3984 |
| 5 chrB2.381965G | C | 0.073 | 4000 |
| 5 chrB2.381985G | C | 0.07528 | 3972 |
| 5 chrB2.382005T | A | 0.07289 | 4006 |
| 5 chrB2.382271G | A | 0.3063 | 3996 |
| 5 chrB2.382352T | A | 0.3884 | 3944 |
| 5 chrB2.382475G | C | 0.03435 | 3988 |
| 5 chrB2.382561A | G | 0.1859 | 3996 |
| 5 chrB2.382825T | A | 0.1764 | 3986 |
| 5 chrB2.382966A | G | 0.08937 | 4006 |
| 5 chrB2.383534G | A | 0.02197 | 4006 |
| 5 chrB2.383726G | C | 0.3927 | 3998 |
| 5 chrB2.383781G | A | 0.4275 | 3998 |
| 5 chrB2.383945T | A | 0.01323 | 4006 |
| 5 chrB2.384015A | T | 0.08171 | 4002 |
| 5 chrB2.384607A | G | 0.3188 | 4002 |
| 5 chrB2.384788G | C | 0.1649 | 3990 |
| 5 chrB2.384806G | C | 0.2961 | 3982 |
| 5 chrB2.384888G | A | 0.2466 | 3986 |
| 5 chrB2.384997T | A | 0.1308 | 3968 |
| 5 chrB2.385030A | T | 0.07364 | 4006 |
| 5 chrB2.459581A | G | 0.3836 | 4004 |
| 5 chrB2.389051A | C | 0.08504 | 3998 |
| 5 chrB2.389715A | G | 0.3171 | 3974 |
| 5 chrB2.389340A | G | 0.2586 | 3998 |
| 5 chrB2.389596G | C | 0.2496 | 3778 |
| 5 chrB2.390308G | A | 0.1272 | 3962 |
| 5 chrB2.390486A | T | 0.4311 | 3992 |
| 5 chrB2.390494T | A | 0.09011 | 3962 |
| 5 chrB2.390520C | G | 0.1242 | 3984 |
| 5 chrB2.390827A | G | 0.268 | 3966 |
| 5 chrB2.390844T | A | 0.4044 | 3944 |
| 5 chrB2.391127A | G | 0.3177 | 3988 |
| 5 chrB2.391140C | G | 0.2988 | 4000 |
| 5 chrB2.391256C | G | 0.1516 | 3990 |
| 5 chrB2.391264G | C | 0.08175 | 4000 |
| 5 chrB2.391327A | G | 0.02025 | 4000 |
| 5 chrB2.391346G | C | 0.2755 | 3848 |
| 5 chrB2.391350T | A | 0.1902 | 3958 |

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|-----------------|-----|----------|------|
| 5 chrB2.391376G | A | 0.3337 | 3986 |
| 5 chrB2.391508T | A | 0.0237 | 4008 |
| 5 chrB2.391778C | A | 0.2839 | 3956 |
| 5 chrB2.392037G | C | 0.42 | 3962 |
| 5 chrB2.392079G | A | 0.4289 | 3994 |
| 5 chrUn.164027A | G | 0.3225 | 3950 |
| 5 chrB2.392762A | G | 0.2992 | 4004 |
| 5 chrB2.393022C | G | 0.03827 | 3972 |
| 5 chrB2.393122T | A | 0.06104 | 3670 |
| 5 chrB2.393279C | G | 0.2021 | 3854 |
| 5 chrB2.393289C | G | 0.1903 | 3998 |
| 5 chrB2.393308 | 0 A | 0 | 4008 |
| 5 chrB2.393429T | A | 0.4098 | 3990 |
| 5 chrB2.393679C | A | 0.4992 | 3970 |
| 5 chrUn.327398G | A | 0.4804 | 3978 |
| 5 chrB2.393826G | C | 0.2349 | 3972 |
| 5 chrB2.393837T | A | 0.07617 | 4004 |
| 5 chrB2.393847G | C | 0.2503 | 3968 |
| 5 chrB2.393871A | T | 0.2781 | 3988 |
| 5 chrB2.393874C | G | 0.3696 | 3996 |
| 5 chrB2.393897G | C | 0.04657 | 3994 |
| 5 chrB2.393949G | C | 0.0302 | 3808 |
| 5 chrB2.393958G | C | 0.1017 | 3766 |
| 5 chrB2.394112A | G | 0.2984 | 3944 |
| 5 chrB2.394186A | T | 0.1445 | 4006 |
| 5 chrB2.394444A | T | 0.435 | 3982 |
| 5 chrB2.394471G | C | 0.2566 | 4002 |
| 5 chrB2.394492A | G | 0.1407 | 4002 |
| 5 chrB2.394659T | A | 0.2395 | 4004 |
| 5 chrB2.394507A | T | 0.4064 | 3740 |
| 5 chrB2.396319A | C | 0.06875 | 3942 |
| 5 chrB2.395492A | C | 0.4211 | 3914 |
| 5 chrB2.395508C | G | 0.4202 | 3960 |
| 5 chrB2.396692T | A | 0.4068 | 3980 |
| 5 chrB2.397309T | A | 0.2019 | 3922 |
| 5 chrB2.397242T | A | 0.003741 | 4010 |
| 5 chrB2.397267T | A | 0.07863 | 4006 |
| 5 chrB2.397449G | A | 0.411 | 3954 |
| 5 chrB2.397561A | T | 0.3458 | 3994 |
| 5 chrB2.397750A | C | 0.2106 | 3998 |
| 5 chrB2.397779A | T | 0.4734 | 3980 |

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| 5 chrB2.398165T | A | 0.4193 | 3978 |
| 5 chrB2.398210T | A | 0.0648 | 3750 |
| 5 chrB2.398586G | A | 0.06363 | 3992 |
| 5 chrB2.398645G | C | 0.3513 | 4002 |
| 5 chrB2.398821G | C | 0.2662 | 3970 |
| 5 chrB2.398841T | A | 0.4327 | 3996 |
| 5 chrB2.399000G | A | 0.148 | 4000 |
| 5 chrB2.399001A | T | 0.1068 | 4008 |
| 5 chrB2.399215T | A | 0.284 | 3996 |
| 5 chrB2.399305T | A | 0.1 | 3970 |
| 5 chrB2.399425A | G | 0.3912 | 3998 |
| 5 chrB2.399445G | C | 0.4372 | 3982 |
| 5 chrB2.399657G | C | 0.1786 | 4004 |
| 5 chrB2.399745G | C | 0.3731 | 3986 |
| 5 chrB2.399965G | C | 0.1093 | 4008 |
| 5 chrB2.400055G | A | 0.0235 | 3958 |
| 5 chrB2.400112G | C | 0.0404 | 3762 |
| 5 chrB2.400506G | C | 0.05723 | 3844 |
| 5 chrB2.400335G | A | 0.1612 | 3938 |
| 5 chrB2.400634A | G | 0.01324 | 4002 |
| 5 chrB2.400810C | G | 0.1257 | 3938 |
| 5 chrB2.400995G | C | 0.01213 | 3876 |
| 5 chrB2.401015G | A | 0.407 | 4000 |
| 5 chrB2.401737G | C | 0.3043 | 3980 |
| 5 chrB2.402165A | T | 0.3386 | 3990 |
| 5 chrB2.402175A | G | 0.1194 | 3988 |
| 5 chrB2.402250T | A | 0.1737 | 4000 |
| 5 chrB2.402426G | A | 0.2567 | 3978 |
| 5 chrB2.402528T | A | 0.01174 | 3918 |
| 5 chrB2.402588C | G | 0.2686 | 3984 |
| 5 chrB2.402694A | G | 0.05759 | 3994 |
| 5 chrB2.402957G | C | 0.3576 | 3926 |
| 5 chrB2.403120G | A | 0.2054 | 3992 |
| 5 chrB2.403290A | G | 0.3571 | 4004 |
| 5 chrB2.404185G | A | 0.0002495 | 4008 |
| 5 chrB2.404495G | A | 0.2745 | 3996 |
| 5 chrB2.404805C | A | 0.4526 | 3970 |
| 5 chrB2.405995A | G | 0.1654 | 3996 |
| 5 chrB2.406305A | G | 0.003009 | 3988 |
| 5 chrB2.407238G | A | 0.4324 | 3994 |
| 5 chrB2.407922G | A | 0.003767 | 3982 |

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| 5 chrB2.409087A | G | 0.2221 | 3998 |
| 5 chrB2.409579A | C | 0.1837 | 4002 |
| 5 chrB2.409946A | G | 0.3518 | 3658 |
| 5 chrB2.410567A | C | 0.298 | 3976 |
| 5 chrB2.410995A | G | 0.2022 | 3986 |
| 5 chrB2.411264A | G | 0.16 | 4000 |
| 5 chrB2.411586A | G | 0.08625 | 4000 |
| 5 chrB2.411951G | A | 0.2876 | 3988 |
| 5 chrB2.412443A | C | 0.1116 | 3986 |
| 5 chrB2.413693A | G | 0.4098 | 4004 |
| 5 chrB2.415131G | A | 0.01073 | 4006 |
| 5 chrB2.416049C | A | 0.2129 | 3946 |
| 5 chrB2.416406A | G | 0.06288 | 3992 |
| 5 chrB2.416702G | A | 0.07485 | 4008 |
| 5 chrB2.417094A | G | 0.106 | 3992 |
| 5 chrUn.500347G | A | 0.1305 | 4000 |
| 5 chrB2.417441A | G | 0.2158 | 4004 |
| 5 chrB2.417881G | A | 0.3384 | 3974 |
| 5 chrB2.418678G | A | 0.4983 | 4002 |
| 5 chrB2.419933G | A | 0.2697 | 3994 |
| 5 chrB2.420806A | C | 0.4987 | 3950 |
| 5 chrB2.421058A | G | 0.0912 | 4002 |
| 5 chrB2.422255G | A | 0.4252 | 3998 |
| 5 chrB2.423148G | A | 0.3954 | 4004 |
| 5 chrB2.423520G | A | 0.4045 | 3998 |
| 5 chrA1.733018G | A | 0.09965 | 3984 |
| 5 chrB2.423807A | C | 0.464 | 3974 |
| 5 chrB2.424334A | G | 0.09008 | 3930 |
| 5 chrB2.424838A | G | 0.2896 | 4006 |
| 5 chrB2.425498A | G | 0.3408 | 3982 |
| 5 chrB2.426017A | G | 0.4323 | 3930 |
| 5 chrB2.426321A | C | 0.2982 | 4004 |
| 5 chrB2.426652A | G | 0.2167 | 3974 |
| 5 chrB2.426954G | A | 0.07984 | 4008 |
| 5 chrB2.427656G | A | 0.2654 | 4002 |
| 5 chrB2.428045A | G | 0.343 | 3994 |
| 5 chrB2.428330A | G | 0.05949 | 3984 |
| 5 chrB2.428914A | G | 0.4894 | 3952 |
| 5 chrB2.429507A | G | 0.2964 | 3870 |
| 5 chrB2.430059A | C | 0.06012 | 3992 |
| 5 chrB2.430996A | C | 0.0307 | 4006 |

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| 5 chrB2.432358G | A | 0.08275 | 3976 |
| 5 chrB2.432654G | A | 0.1725 | 4000 |
| 5 chrB2.433054A | G | 0.1952 | 4002 |
| 5 chrB2.434024G | A | 0.3784 | 3954 |
| 5 chrB2.434630A | G | 0.4279 | 3982 |
| 5 chrB2.436010A | G | 0.1357 | 4010 |
| 5 chrB2.436422A | G | 0.419 | 4000 |
| 5 chrB2.436976A | G | 0.0522 | 4004 |
| 5 chrB2.437303A | G | 0.1488 | 3966 |
| 5 chrB2.437721G | A | 0.1871 | 3966 |
| 5 chrB2.438367A | G | 0.1159 | 4004 |
| 5 chrB2.439092G | A | 0.2726 | 3988 |
| 5 chrB2.439506G | A | 0.3474 | 3854 |
| 5 chrB2.439773A | G | 0.2498 | 4000 |
| 5 chrB2.440091A | G | 0.3452 | 3966 |
| 5 chrB2.440662A | G | 0.3465 | 3856 |
| 5 chrB2.441149G | A | 0.07775 | 4000 |
| 5 chrB2.441939G | A | 0.4731 | 3938 |
| 5 chrB2.442182G | A | 0.4483 | 4006 |
| 5 chrB2.442690C | A | 0.1419 | 4002 |
| 5 chrB2.443557G | A | 0.03598 | 4002 |
| 5 chrB2.443917A | G | 0.1759 | 4008 |
| 5 chrB2.444254A | G | 0.176 | 4006 |
| 5 chrB2.445354A | G | 0.2972 | 3880 |
| 5 chrB2.445650A | G | 0.3491 | 4002 |
| 5 chrB2.445973C | A | 0.4335 | 3986 |
| 5 chrB2.446243C | A | 0.2014 | 3998 |
| 5 chrB2.446779G | A | 0.3848 | 3958 |
| 5 chrB2.447325G | A | 0.4766 | 3968 |
| 5 chrB2.447887A | G | 0.1119 | 3924 |
| 5 chrB2.448185C | A | 0.3627 | 3992 |
| 5 chrB2.448480A | G | 0.183 | 3990 |
| 5 chrB2.449006A | G | 0.2144 | 4002 |
| 5 chrB2.450223G | A | 0.3511 | 4002 |
| 5 chrB2.450466A | G | 0.4123 | 3990 |
| 5 chrB2.450843G | A | 0.4318 | 4002 |
| 5 chrB2.451502G | A | 0.1472 | 4002 |
| 5 chrB2.452120A | G | 0.2175 | 3964 |
| 5 chrB2.452429A | G | 0.1547 | 4002 |
| 5 chrB2.452707A | G | 0.1822 | 3980 |
| 5 chrB2.453121G | A | 0.2138 | 3962 |

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| 5 chrB2.453702 | G | A | 0.3401 | 3996 |
| 5 chrB2.454522 | A | G | 0.456 | 3998 |
| 5 chrB2.454866 | G | A | 0.4508 | 3986 |
| 5 chrB2.455794 | G | A | 0.395 | 3992 |
| 5 chrB2.456423 | A | C | 0.05087 | 4010 |
| 5 chrB2.456905 | A | G | 0.3169 | 3960 |
| 5 chrB2.457246 | A | G | 0.03831 | 3994 |
| 5 chrB2.457724 | G | A | 0.1723 | 3998 |
| 5 chrB2.458536 | C | A | 0.02473 | 4004 |
| 5 chrB2.458801 | G | A | 0.1211 | 3914 |
| 5 chrB2.459175 | A | G | 0.3553 | 3892 |
| 5 chrB2.459860 | G | A | 0.03095 | 4006 |
| 5 chrB2.460320 | A | G | 0.4488 | 4004 |
| 5 chrB2.460322 | G | A | 0.2576 | 3998 |
| 5 chrB2.460826 | A | C | 0.01497 | 4008 |
| 5 chrB2.461128 | C | A | 0.4668 | 4002 |
| 5 chrB2.461591 | A | G | 0.3676 | 4002 |
| 5 chrB2.462061 | A | G | 0.3335 | 3982 |
| 5 chrB2.462453 | A | G | 0.2479 | 3998 |
| 5 chrB2.462960 | G | A | 0.2641 | 3994 |
| 5 chrB2.463990 | G | A | 0.0514 | 4008 |
| 5 chrB2.464391 | G | A | 0.06091 | 4006 |
| 5 chrB2.464635 | A | G | 0.1409 | 3960 |
| 5 chrB2.465353 | A | G | 0.1414 | 4010 |
| 5 chrUn.363587 | G | A | 0.2421 | 3974 |
| 5 chrB2.466105 | A | G | 0.05083 | 3954 |
| 5 chrB2.468449 | G | A | 0.1342 | 3956 |
| 5 chrB2.468982 | A | C | 0.2285 | 3986 |
| 5 chrB2.470116 | A | C | 0.3002 | 3974 |
| 5 chrB2.470685 | A | G | 0.07888 | 4006 |
| 5 chrB2.471032 | G | A | 0.2562 | 3978 |
| 5 chrB2.471611 | G | A | 0.3717 | 3976 |
| 5 chrB2.472034 | A | C | 0.3236 | 3956 |
| 5 chrB2.473176 | A | G | 0.3262 | 4000 |
| 5 chrB2.473735 | G | A | 0.01049 | 4004 |
| 5 chrB2.475175 | A | G | 0.3038 | 3996 |
| 5 chrB2.475468 | G | A | 0.4545 | 3998 |
| 5 chrB2.476404 | C | A | 0.00425 | 4000 |
| 5 chrB2.476655 | C | A | 0.3926 | 3994 |
| 5 chrB2.477390 | G | A | 0.3058 | 4002 |
| 5 chrB2.477931 | A | G | 0.214 | 4004 |

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| 5 chrB2.478275G | A | 0.482 | 3996 |
| 5 chrB2.478806A | G | 0.08533 | 4008 |
| 5 chrB2.479215A | G | 0.04867 | 3986 |
| 5 chrB2.479506A | G | 0.2915 | 4004 |
| 5 chrB2.479874A | G | 0.4001 | 3684 |
| 5 chrB2.480265A | G | 0.2225 | 4004 |
| 5 chrB2.481555A | G | 0.4621 | 3982 |
| 5 chrB2.482005 | 0 G | 0 | 4006 |
| 5 chrB2.483537G | A | 0.3764 | 3980 |
| 5 chrB2.484065G | A | 0.08438 | 3994 |
| 5 chrB2.484442C | A | 0.2531 | 3860 |
| 5 chrB2.484685G | A | 0.3143 | 3996 |
| 5 chrB2.484935A | G | 0.1662 | 4008 |
| 5 chrB2.485227C | A | 0.3639 | 3982 |
| 5 chrB2.485671G | A | 0.01249 | 4002 |
| 5 chrB2.486044C | A | 0.05894 | 4004 |
| 5 chrB2.486798A | G | 0.07461 | 3994 |
| 5 chrB2.487152G | A | 0.003743 | 4008 |
| 5 chrB2.487585G | A | 0.1788 | 3994 |
| 5 chrB2.487911C | A | 0.4693 | 4002 |
| 5 chrB2.488901G | A | 0.3752 | 4000 |
| 5 chrB2.488951A | G | 0.3889 | 4006 |
| 5 chrB2.489367G | A | 0.2145 | 3982 |
| 5 chrB2.489681A | G | 0.06281 | 3980 |
| 5 chrB2.490075A | G | 0.08163 | 4006 |
| 5 chrB2.490377G | A | 0.2444 | 3998 |
| 5 chrB2.490845G | A | 0.2792 | 3994 |
| 5 chrB2.491096A | G | 0.3391 | 3804 |
| 5 chrB2.492886C | A | 0.1653 | 4000 |
| 5 chrB2.493545C | A | 0.4977 | 3990 |
| 5 chrB2.493906G | A | 0.1683 | 4004 |
| 5 chrB2.494394A | G | 0.4398 | 4006 |
| 5 chrB2.494681G | A | 0.4141 | 3956 |
| 5 chrB2.495102A | C | 0.1048 | 3856 |
| 5 chrB2.495638G | A | 0.1512 | 3994 |
| 5 chrB2.496015G | A | 0.2192 | 3992 |
| 5 chrB2.496567A | G | 0.4414 | 4010 |
| 5 chrB2.496956A | G | 0.2487 | 3976 |
| 5 chrB2.496958G | A | 0.02159 | 3984 |
| 5 chrB2.497266A | C | 0.08372 | 3906 |
| 5 chrB2.498712A | G | 0.4859 | 3974 |

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| 5 chrB2.498729A | C | 0.2914 | 3988 |
| 5 chrB2.499095A | G | 0.1439 | 4002 |
| 5 chrB2.499835A | G | 0.09232 | 3932 |
| 5 chrB2.500116A | G | 0.2811 | 4006 |
| 5 chrB2.500735G | A | 0.3764 | 3982 |
| 5 chrB2.501084G | A | 0.1423 | 3970 |
| 5 chrB2.501567A | G | 0.1901 | 3988 |
| 5 chrB2.501916A | G | 0.126 | 3992 |
| 5 chrB2.502642A | G | 0.1533 | 3998 |
| 5 chrB2.502999A | G | 0.3101 | 3882 |
| 5 chrB2.503431G | A | 0.1331 | 3968 |
| 5 chrB2.503720C | A | 0.2068 | 3984 |
| 5 chrB2.504135G | A | 0.436 | 3970 |
| 5 chrB2.504452A | G | 0.1558 | 3998 |
| 5 chrB2.505194A | G | 0.3363 | 3988 |
| 5 chrB2.505881A | G | 0.06028 | 3998 |
| 5 chrB2.507576A | G | 0.1008 | 4000 |
| 5 chrB2.507985A | G | 0.1971 | 4004 |
| 5 chrB2.508665A | G | 0.4715 | 3998 |
| 5 chrB2.509328A | C | 0.3862 | 4000 |
| 5 chrB2.509755C | A | 0.2464 | 3974 |
| 5 chrB2.510807A | G | 0.1716 | 3946 |
| 5 chrB2.511316G | A | 0.3525 | 3986 |
| 5 chrB2.511684G | A | 0.1918 | 4004 |
| 5 chrB2.512258A | G | 0.1912 | 3990 |
| 5 chrB2.513089G | A | 0.1108 | 3972 |
| 5 chrB2.513370G | A | 0.02413 | 3978 |
| 5 chrB2.513748A | G | 0.2829 | 3998 |
| 5 chrB2.514609A | G | 0.2229 | 3974 |
| 5 chrB2.514904G | A | 0.1173 | 4006 |
| 5 chrB2.515307A | G | 0.2701 | 3998 |
| 5 chrB2.516004G | A | 0.2584 | 3948 |
| 5 chrB2.516490A | G | 0.08429 | 3998 |
| 5 chrUn.270690C | A | 0.3835 | 3992 |
| 5 chrB2.516955C | A | 0.368 | 3910 |
| 5 chrB2.517372A | G | 0.3078 | 3996 |
| 5 chrB2.518431 | 0 A | 0 | 4010 |
| 5 chrB2.518682G | A | 0.003252 | 3998 |
| 5 chrB2.518924G | A | 0.4508 | 4006 |
| 5 chrB2.519235G | A | 0.4529 | 3994 |
| 5 chrB2.519575A | G | 0.4887 | 3994 |

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| 5 chrB2.520182A | G | 0.3671 | 3964 |
| 5 chrB2.520590G | A | 0.4942 | 3944 |
| 5 chrB2.521249G | A | 0.4227 | 3982 |
| 5 chrB2.521510G | A | 0.345 | 4000 |
| 5 chrB2.521652A | G | 0.244 | 3992 |
| 5 chrB2.521824G | A | 0.2298 | 3986 |
| 5 chrB2.522071A | G | 0.4114 | 3994 |
| 5 chrB2.522561A | C | 0.1222 | 3978 |
| 5 chrB2.522924A | G | 0.1304 | 4002 |
| 5 chrB2.523640A | G | 0.495 | 3994 |
| 5 chrB2.523977C | A | 0.4691 | 3984 |
| 5 chrB2.524342A | G | 0.08465 | 3934 |
| 5 chrB2.524825G | A | 0.2973 | 4006 |
| 5 chrB2.525894A | G | 0.1548 | 4004 |
| 5 chrB2.526570G | A | 0.2816 | 3992 |
| 5 chrB2.527418A | G | 0.1806 | 3982 |
| 5 chrB2.527797A | G | 0.1853 | 4004 |
| 5 chrB2.527967G | A | 0.406 | 4002 |
| 5 chrB2.528403G | A | 0.1849 | 4002 |
| 5 chrB2.528792A | G | 0.3327 | 3874 |
| 5 chrB2.529035A | C | 0.01907 | 3932 |
| 5 chrB2.529400G | A | 0.3856 | 3996 |
| 5 chrB2.529695A | G | 0.1323 | 4006 |
| 5 chrB2.530090C | A | 0.2076 | 3888 |
| 5 chrB2.530929G | A | 0.3875 | 3966 |
| 5 chrB2.475812A | G | 0.4787 | 3984 |
| 5 chrB2.474809G | A | 0.06936 | 4008 |
| 5 chrB2.474799G | A | 0.2162 | 4006 |
| 5 chrB2.474045A | C | 0.2392 | 3716 |
| 5 chrB2.473425A | C | 0.1318 | 3916 |
| 5 chrB2.472784A | G | 0.3668 | 4008 |
| 5 chrB2.533536A | G | 0.07871 | 4002 |
| 5 chrUn13.7961G | A | 0.1079 | 3994 |
| 5 chrB2.469345A | G | 0.4237 | 3998 |
| 5 chrB2.535068G | A | 0.3421 | 3972 |
| 5 chrB2.466959A | G | 0.1541 | 4010 |
| 5 chrB2.466565A | C | 0.09 | 4000 |
| 5 chrB2.536414G | A | 0.4142 | 3996 |
| 5 chrB2.536908A | C | 0.2956 | 4002 |
| 5 chrB2.538002A | G | 0.01496 | 4010 |
| 5 chrB2.538457G | A | 0.02598 | 3810 |

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| 5 chrB2.538892A | G | 0.03957 | 3968 |
| 5 chrB2.539343A | G | 0.3286 | 4002 |
| 5 chrB2.539665G | A | 0.395 | 4008 |
| 5 chrB2.540413G | A | 0.03971 | 4004 |
| 5 chrUn.311388A | G | 0.4149 | 3900 |
| 5 chrB2.540696A | G | 0.2394 | 3980 |
| 5 chrB2.541008A | G | 0.4672 | 3992 |
| 5 chrB2.541505A | G | 0.1111 | 3988 |
| 5 chrB2.541987G | A | 0.2584 | 3974 |
| 5 chrB2.542493G | A | 0.1706 | 3938 |
| 5 chrB2.543621G | A | 0.05071 | 3826 |
| 5 chrB2.543867A | G | 0.1072 | 4002 |
| 5 chrB2.543956 | 0 G | 0 | 4008 |
| 5 chrB2.544434A | G | 0.000998 | 4008 |
| 5 chrB2.544452A | G | 0.02666 | 3938 |
| 5 chrB2.545596G | A | 0.08058 | 3996 |
| 5 chrB2.545866A | G | 0.3824 | 3996 |
| 5 chrUn9.85684A | G | 0.2624 | 3990 |
| 5 chrB2.546373A | G | 0.08308 | 3924 |
| 5 chrB2.546827G | A | 0.4541 | 3990 |
| 5 chrB2.547496G | A | 0.3022 | 3944 |
| 5 chrB2.547859G | A | 0.3954 | 3998 |
| 5 chrB2.549549G | A | 0.4058 | 3980 |
| 5 chrB2.550301A | G | 0.3088 | 4006 |
| 5 chrB2.551082A | G | 0.02517 | 3894 |
| 5 chrB2.551689G | A | 0.0962 | 4002 |
| 5 chrB2.552238A | G | 0.2919 | 3984 |
| 5 chrB2.552859C | A | 0.2886 | 3998 |
| 5 chrB2.553103G | A | 0.04773 | 4002 |
| 5 chrB2.553446G | A | 0.4208 | 3990 |
| 5 chrB2.553954A | G | 0.2969 | 3846 |
| 5 chrB2.554680G | A | 0.4498 | 4002 |
| 5 chrB2.555231A | G | 0.04418 | 4006 |
| 5 chrB2.555619A | G | 0.3627 | 3992 |
| 5 chrB2.556725A | G | 0.04256 | 3924 |
| 5 chrB2.557084G | A | 0.4314 | 3996 |
| 5 chrB2.557328A | G | 0.3231 | 3958 |
| 5 chrB2.557622A | G | 0.02796 | 4006 |
| 5 chrB2.558031A | C | 0.1097 | 3958 |
| 5 chrB2.558298C | A | 0.1168 | 4000 |
| 5 chrB2.558601A | G | 0.2527 | 4004 |

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| 5 chrB2.558961A | G | 0.02947 | 4004 |
| 5 chrB2.559218C | A | 0.3354 | 3998 |
| 5 chrB2.559746C | A | 0.455 | 4000 |
| 5 chrB2.560042A | G | 0.1734 | 3956 |
| 5 chrB2.560333A | G | 0.1685 | 3952 |
| 5 chrB2.560689C | A | 0.1726 | 3962 |
| 5 chrB2.560895A | G | 0.4965 | 3994 |
| 5 chrB2.561030A | G | 0.3589 | 3990 |
| 5 chrB2.561649A | G | 0.2312 | 4000 |
| 5 chrB2.562013G | A | 0.1424 | 4002 |
| 5 chrB2.562467A | G | 0.4905 | 3984 |
| 5 chrB2.562910A | G | 0.2203 | 4004 |
| 5 chrB2.563317G | A | 0.3561 | 3814 |
| 5 chrB2.563713G | A | 0.3437 | 4006 |
| 5 chrA2.748324 | 0 A | 0 | 3946 |
| 5 chrUn12.1969G | A | 0.2546 | 3998 |
| 5 chrUn12.2243A | G | 0.2038 | 4004 |
| 5 chrUn12.3111A | G | 0.159 | 4006 |
| 5 chrUn12.3379G | A | 0.02356 | 3862 |
| 5 chrUn12.3874C | A | 0.2069 | 4002 |
| 5 chrUn12.4520A | G | 0.263 | 4000 |
| 5 chrUn12.5417A | C | 0.212 | 3996 |
| 5 chrUn12.5859G | A | 0.2471 | 3994 |
| 5 chrUn12.6109A | C | 0.2652 | 4004 |
| 5 chrUn12.6389G | A | 0.1199 | 3988 |
| 5 chrUn12.6729A | G | 0.1543 | 3998 |
| 5 chrUn12.6974A | G | 0.2348 | 3990 |
| 5 chrUn12.7359G | A | 0.2403 | 3958 |
| 5 chrUn12.7909A | C | 0.4447 | 3976 |
| 5 chrUn12.8539G | A | 0.25 | 4000 |
| 5 chrUn12.9710G | A | 0.1097 | 3994 |
| 5 chrUn12.1020A | G | 0.1782 | 4002 |
| 5 chrUn12.1060G | A | 0.1843 | 3966 |
| 5 chrUn12.1090G | A | 0.1215 | 4008 |
| 5 chrUn12.1159A | G | 0.4769 | 3986 |
| 5 chrUn12.1209A | G | 0.2008 | 3990 |
| 5 chrUn12.1289G | A | 0.398 | 3990 |
| 5 chrUn12.1339A | C | 0.4982 | 3974 |
| 5 chrF1.426296A | G | 0.3457 | 4006 |
| 5 chrUn12.1379G | A | 0.2527 | 4008 |
| 5 chrUn12.1409A | C | 0.1093 | 4006 |

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|---------------|---|---|-----------|------|
| 5 chrUn12.146 | A | G | 0.0235 | 3788 |
| 5 chrUn12.158 | G | A | 0.1955 | 3980 |
| 5 chrUn12.162 | A | G | 0.141 | 3746 |
| 5 chrUn12.166 | A | G | 0.2275 | 3908 |
| 5 chrUn12.171 | A | G | 0.3545 | 3994 |
| 5 chrUn12.176 | C | A | 0.234 | 3996 |
| 5 chrUn12.186 | G | A | 0.1829 | 3986 |
| 5 chrUn12.192 | G | A | 0.219 | 3964 |
| 5 chrUn12.196 | A | G | 0.4803 | 3916 |
| 5 chrUn12.199 | G | A | 0.3048 | 3960 |
| 5 chrUn12.205 | A | G | 0.442 | 3998 |
| 5 chrUn12.211 | G | A | 0.3747 | 3976 |
| 5 chrUn12.214 | A | G | 0.0009975 | 4010 |
| 5 chrUn12.218 | A | G | 0.1478 | 3998 |
| 5 chrUn12.222 | G | A | 0.2078 | 4008 |
| 5 chrUn12.226 | G | A | 0.4168 | 4000 |
| 5 chrUn12.231 | A | G | 0.1963 | 4000 |
| 5 chrUn12.233 | G | A | 0.1683 | 4000 |
| 5 chrUn12.236 | A | G | 0.3702 | 3976 |
| 5 chrUn12.239 | A | G | 0.4225 | 3884 |
| 5 chrUn12.245 | G | A | 0.3764 | 4004 |
| 5 chrUn12.247 | A | G | 0.3174 | 4004 |
| 5 chrUn12.251 | A | G | 0.4199 | 3994 |
| 5 chrUn12.258 | C | A | 0.02343 | 3798 |
| 5 chrUn12.262 | A | G | 0.3217 | 3994 |
| 5 chrUn12.265 | A | G | 0.4382 | 3994 |
| 5 chrUn12.271 | G | A | 0.1333 | 3752 |
| 5 chrUn12.274 | A | G | 0.3554 | 4004 |
| 5 chrUn12.283 | G | A | 0.05302 | 3980 |
| 5 chrUn12.285 | G | A | 0.2395 | 4008 |
| 5 chrUn12.288 | A | G | 0.1837 | 3914 |
| 5 chrUn12.291 | A | G | 0.2481 | 3994 |
| 5 chrUn.45203 | A | G | 0.129 | 3908 |
| 5 chrUn12.294 | A | G | 0.0009985 | 4006 |
| 5 chrUn12.297 | A | G | 0.2769 | 4008 |
| 5 chrUn12.300 | A | G | 0.1947 | 3966 |
| 5 chrUn12.304 | G | A | 0.3279 | 4004 |
| 5 chrUn12.309 | G | A | 0.2286 | 3976 |
| 5 chrUn12.312 | A | C | 0.292 | 3996 |
| 5 chrUn12.316 | A | G | 0.4286 | 3976 |
| 5 chrUn12.321 | A | G | 0.2454 | 3998 |

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| 5 chrUn.74034:A | G | 0.2502 | 4008 |
| 5 chrUn12.326:A | G | 0.2823 | 3996 |
| 5 chrUn12.332:A | G | 0.25 | 3992 |
| 5 chrUn12.335:A | A | 0.2656 | 3844 |
| 5 chrUn12.339:A | G | 0.1593 | 3998 |
| 5 chrUn12.347:A | C | 0.05675 | 4000 |
| 5 chrUn12.351:A | A | 0.3081 | 3996 |
| 5 chrUn12.360:A | G | 0.1945 | 4006 |
| 5 chrUn12.364:A | G | 0.00501 | 3992 |
| 5 chrUn12.366: | 0 G | 0 | 4010 |
| 5 chrUn12.367:A | A | 0.1603 | 4006 |
| 5 chrUn12.369:A | A | 0.06047 | 4002 |
| 5 chrUn12.382:A | G | 0.003493 | 4008 |
| 5 chrUn12.393:A | A | 0.1795 | 3972 |
| 5 chrUn12.397:A | A | 0.3593 | 4002 |
| 5 chrUn12.402:A | G | 0.2101 | 3874 |
| 5 chrUn12.405:A | G | 0.05371 | 3984 |
| 5 chrUn12.409:A | G | 0.125 | 3960 |
| 5 chrUn12.413:A | G | 0.3678 | 4010 |
| 5 chrUn12.419:A | A | 0.4556 | 3988 |
| 5 chrE3.42358:A | G | 0.1865 | 4000 |
| 5 chrUn12.431:A | G | 0.2028 | 4004 |
| 5 chrUn12.434:A | A | 0.4978 | 4002 |
| 5 chrUn12.437:A | A | 0.07635 | 4008 |
| 5 chrUn.22624:A | G | 0.03848 | 3976 |
| 5 chrUn12.440:A | G | 0.0149 | 3960 |
| 5 chrUn12.445:A | G | 0.2516 | 3970 |
| 5 chrUn12.451:A | G | 0.1437 | 3876 |
| 5 chrUn.68394: | 0 A | 0 | 3992 |
| 5 chrUn12.454:A | G | 0.0992 | 4002 |
| 5 chrUn12.456:A | G | 0.2445 | 3942 |
| 5 chrUn12.463:A | G | 0.05075 | 4000 |
| 5 chrUn12.466:A | G | 0.4345 | 4000 |
| 5 chrUn12.468:A | A | 0.08586 | 3960 |
| 5 chrUn12.471:A | G | 0.3493 | 3996 |
| 5 chrUn12.476:A | A | 0.01297 | 4010 |
| 5 chrUn12.479:A | G | 0.2352 | 4000 |
| 5 chrUn12.483:A | G | 0.4145 | 3990 |
| 5 chrUn12.487:A | G | 0.3632 | 3990 |
| 5 chrUn12.489:A | G | 0.49 | 3986 |
| 5 chrUn12.494:A | A | 0.182 | 4000 |

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|---------------|---|---|---------|------|
| 5 chrUn12.497 | A | C | 0.2354 | 3772 |
| 5 chrUn12.501 | A | G | 0.4394 | 3996 |
| 5 chrUn12.504 | A | G | 0.1727 | 4000 |
| 5 chrUn12.516 | G | A | 0.2553 | 3960 |
| 5 chrUn12.523 | A | G | 0.287 | 4004 |
| 5 chrUn12.527 | G | A | 0.1572 | 3932 |
| 5 chrUn12.532 | C | A | 0.04446 | 3936 |
| 5 chrUn12.536 | G | A | 0.3343 | 4002 |
| 5 chrUn12.543 | G | A | 0.1115 | 4008 |
| 5 chrD2.23039 | A | G | 0.2227 | 3956 |
| 5 chrUn12.546 | A | G | 0.1214 | 4002 |
| 5 chrUn12.551 | A | G | 0.1111 | 4006 |
| 5 chrUn12.555 | A | G | 0.2448 | 3872 |
| 5 chrUn12.558 | A | G | 0.4567 | 4000 |
| 5 chrUn12.563 | G | A | 0.3678 | 4010 |
| 5 chrUn12.566 | A | G | 0.2808 | 4006 |
| 5 chrUn12.573 | A | G | 0.2757 | 3946 |
| 5 chrUn12.578 | A | G | 0.1189 | 3994 |
| 5 chrB2.64723 | G | A | 0.1916 | 4004 |
| 5 chrB2.64729 | G | A | 0.2201 | 3976 |
| 5 chrB2.64816 | C | A | 0.2665 | 3988 |
| 5 chrB2.64867 | G | A | 0.4808 | 4000 |
| 5 chrB2.64868 | C | A | 0.07866 | 3992 |
| 5 chrB2.64937 | C | A | 0.4059 | 3996 |
| 5 chrB2.64991 | C | A | 0.05268 | 3986 |
| 5 chrB2.65037 | A | G | 0.09089 | 3994 |
| 5 chrB2.65066 | C | A | 0.1275 | 3938 |
| 5 chrB2.65162 | G | A | 0.4329 | 3982 |
| 5 chrB2.65192 | A | G | 0.4546 | 3984 |
| 5 chrB2.65222 | C | G | 0.2282 | 3992 |
| 5 chrB2.65267 | C | A | 0.2171 | 3956 |
| 5 chrB2.65331 | A | G | 0.3681 | 4010 |
| 5 chrB2.65390 | C | G | 0.1508 | 4006 |
| 5 chrB2.65441 | C | G | 0.1876 | 3944 |
| 5 chrB2.65537 | C | G | 0.03111 | 3986 |
| 5 chrB2.65596 | C | G | 0.1315 | 3984 |
| 5 chrB2.65641 | A | G | 0.2484 | 4002 |
| 5 chrB2.65686 | C | G | 0.4583 | 4006 |
| 5 chrB2.65693 | C | G | 0.4426 | 3988 |
| 5 chrB2.65732 | A | C | 0.2416 | 4002 |
| 5 chrB2.65758 | A | G | 0.1026 | 4006 |

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|---------------|---|---|---------|------|
| 5 chrB2.65789 | G | A | 0.4638 | 4004 |
| 5 chrB2.65814 | G | A | 0.3173 | 3996 |
| 5 chrB2.65863 | G | A | 0.4115 | 4002 |
| 5 chrB2.65917 | C | A | 0.3007 | 3998 |
| 5 chrB2.65957 | G | A | 0.1761 | 3998 |
| 5 chrB2.65983 | G | A | 0.4496 | 3890 |
| 5 chrB2.66004 | G | A | 0.3164 | 3986 |
| 5 chrB2.66032 | G | A | 0.1206 | 3948 |
| 5 chrB2.66096 | G | A | 0.496 | 3970 |
| 5 chrB2.66137 | G | A | 0.3082 | 3998 |
| 5 chrB2.66160 | G | A | 0.1419 | 3614 |
| 5 chrB2.66205 | G | A | 0.475 | 3760 |
| 5 chrUn.72189 | G | A | 0.3173 | 3996 |
| 5 chrB2.66255 | G | A | 0.3644 | 3974 |
| 5 chrB2.66303 | C | A | 0.3927 | 3876 |
| 5 chrB2.66402 | C | A | 0.07788 | 4006 |
| 5 chrB2.66426 | G | A | 0.01123 | 4008 |
| 5 chrB2.66546 | C | A | 0.4485 | 3980 |
| 5 chrB2.66592 | G | A | 0.4733 | 3968 |
| 5 chrB2.66678 | G | A | 0.2539 | 4002 |
| 5 chrB2.66710 | G | A | 0.2595 | 4000 |
| 5 chrB2.66761 | G | A | 0.2463 | 4004 |
| 5 chrB2.66803 | G | A | 0.2397 | 3992 |
| 5 chrB2.66951 | G | A | 0.3946 | 3822 |
| 5 chrB2.67025 | G | A | 0.3127 | 4000 |
| 5 chrB2.67061 | G | A | 0.3642 | 3992 |
| 5 chrB2.67101 | C | A | 0.4083 | 4004 |
| 5 chrB2.67141 | G | A | 0.4897 | 3996 |
| 5 chrB2.67156 | G | A | 0.1325 | 4008 |
| 5 chrB2.67199 | G | A | 0.09654 | 3988 |
| 5 chrB2.67226 | C | A | 0.4028 | 3972 |
| 5 chrB2.67263 | G | A | 0.07484 | 3942 |
| 5 chrB2.67295 | G | A | 0.3302 | 3980 |
| 5 chrB2.67323 | G | A | 0.4748 | 4002 |
| 5 chrB2.67366 | G | A | 0.2984 | 4002 |
| 5 chrB2.67471 | G | A | 0.1536 | 3998 |
| 5 chrB2.67552 | C | A | 0.1169 | 3968 |
| 5 chrB2.67650 | G | A | 0.4555 | 4004 |
| 5 chrB2.67696 | G | A | 0.3739 | 3996 |
| 5 chrB2.67732 | G | A | 0.2557 | 3942 |
| 5 chrB2.67778 | G | A | 0.3519 | 3998 |

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| 5 chrB2.678261A | G | 0.1677 | 4006 |
| 5 chrB2.678565A | G | 0.1669 | 3996 |
| 5 chrB2.679025A | G | 0.4606 | 3980 |
| 5 chrB2.679458A | G | 0.1395 | 4006 |
| 5 chrB2.679693G | A | 0.1056 | 4004 |
| 5 chrB2.679783A | G | 0.1341 | 4004 |
| 5 chrB2.680261A | G | 0.3699 | 3958 |
| 5 chrB2.681332G | A | 0.4846 | 3968 |
| 5 chrB2.681657A | G | 0.2372 | 3934 |
| 5 chrB2.682051A | G | 0.1751 | 4008 |
| 5 chrB2.682343A | G | 0.1601 | 3948 |
| 5 chrB2.682657A | G | 0.4479 | 3994 |
| 5 chrB2.682976G | A | 0.4734 | 3988 |
| 5 chrB2.683301G | A | 0.08034 | 4008 |
| 5 chrB2.683777 | 0 A | 0 | 4008 |
| 5 chrB2.684145G | A | 0.4547 | 3998 |
| 5 chrB2.684666A | G | 0.3626 | 4004 |
| 5 chrB2.685304A | G | 0.2778 | 4006 |
| 5 chrB2.685544A | G | 0.2159 | 3998 |
| 5 chrB2.686225G | A | 0.2668 | 3950 |
| 5 chrB2.686835G | A | 0.2039 | 3998 |
| 5 chrB2.687185A | C | 0.3106 | 3976 |
| 5 chrB2.687471G | A | 0.2821 | 3970 |
| 5 chrB2.687646G | A | 0.2789 | 3998 |
| 5 chrB2.688025G | A | 0.4141 | 3980 |
| 5 chrB2.688956C | A | 0.06715 | 4006 |
| 5 chrB2.689053C | A | 0.181 | 4000 |
| 5 chrB2.689338A | G | 0.09985 | 4006 |
| 5 chrB2.689682A | G | 0.146 | 4000 |
| 5 chrB2.690405A | G | 0.02445 | 4008 |
| 5 chrB2.690705A | G | 0.4812 | 3714 |
| 5 chrB2.691295A | G | 0.02147 | 4006 |
| 5 chrB2.691661A | G | 0.07443 | 4004 |
| 5 chrB2.692244A | C | 0.2426 | 4002 |
| 5 chrB2.692514G | A | 0.3213 | 4002 |
| 5 chrB2.693046A | G | 0.293 | 3826 |
| 5 chrB2.693386A | G | 0.3406 | 3978 |
| 5 chrB2.693624A | G | 0.3 | 3990 |
| 5 chrB2.693994G | A | 0.2296 | 3994 |
| 5 chrB2.694483A | G | 0.3028 | 3996 |
| 5 chrB2.694752A | G | 0.1844 | 3986 |

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| 5 chrB2.695317A | G | 0.01273 | 4006 |
| 5 chrB2.695727A | G | 0.477 | 3912 |
| 5 chrB2.696273C | A | 0.09576 | 3958 |
| 5 chrB2.696864A | G | 0.06543 | 4004 |
| 5 chrB2.697313G | A | 0.1259 | 3978 |
| 5 chrB2.697891G | A | 0.1183 | 4006 |
| 5 chrB2.698603C | A | 0.3652 | 3998 |
| 5 chrB2.698981A | C | 0.2137 | 3982 |
| 5 chrB2.699250A | G | 0.2506 | 3926 |
| 5 chrB2.700213A | G | 0.1066 | 4004 |
| 5 chrB2.700568A | C | 0.02224 | 4002 |
| 5 chrB2.700954G | A | 0.2745 | 4004 |
| 5 chrB2.701277G | A | 0.3924 | 3998 |
| 5 chrB2.701700A | G | 0.4278 | 3988 |
| 5 chrB2.702530A | G | 0.1733 | 3998 |
| 5 chrB2.703210A | G | 0.2869 | 4002 |
| 5 chrB2.703531A | G | 0.05289 | 4008 |
| 5 chrB2.703958A | G | 0.4862 | 3996 |
| 5 chrB2.704476A | C | 0.1031 | 3998 |
| 5 chrB2.704904A | G | 0.2019 | 3998 |
| 5 chrB2.705273G | A | 0.2034 | 4006 |
| 5 chrB2.705607G | A | 0.05675 | 4000 |
| 5 chrB2.706184A | G | 0.03828 | 3918 |
| 5 chrB2.706897G | A | 0.05112 | 4010 |
| 5 chrB2.707262A | C | 0.08996 | 4002 |
| 5 chrB2.707817G | A | 0.1347 | 3980 |
| 5 chrB2.707949 | 0 A | 0 | 4010 |
| 5 chrB2.708275A | G | 0.2214 | 3998 |
| 5 chrB2.708544G | A | 0.3353 | 3940 |
| 5 chrB2.708906A | G | 0.1432 | 4008 |
| 5 chrB2.709246C | A | 0.4325 | 3970 |
| 5 chrB2.710066A | G | 0.3108 | 4002 |
| 5 chrB2.710334G | A | 0.4261 | 3994 |
| 5 chrB2.710783A | G | 0.02982 | 3790 |
| 5 chrB2.711093A | G | 0.08804 | 3998 |
| 5 chrB2.711605A | G | 0.1018 | 3920 |
| 5 chrB2.711854A | G | 0.07211 | 4008 |
| 5 chrB2.712117A | G | 0.01047 | 4010 |
| 5 chrB2.712655G | A | 0.2854 | 3998 |
| 5 chrB2.713247G | A | 0.2266 | 3998 |
| 5 chrB2.713518G | A | 0.2813 | 3942 |

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| 5 chrB2.713907G | A | 0.09955 | 3998 |
| 5 chrB2.714689C | A | 0.257 | 3992 |
| 5 chrB2.715093G | A | 0.3139 | 3960 |
| 5 chrB2.715939A | C | 0.07224 | 3862 |
| 5 chrB2.716194G | A | 0.2854 | 3970 |
| 5 chrB2.716847G | A | 0.2226 | 3688 |
| 5 chrB2.717496A | G | 0.1429 | 3674 |
| 5 chrB2.717921C | A | 0.4895 | 3994 |
| 5 chrB2.718284G | A | 0.1434 | 3988 |
| 5 chrB2.718590G | A | 0.2855 | 3990 |
| 5 chrB2.718974A | G | 0.113 | 3904 |
| 5 chrB2.719039A | G | 0.1914 | 4002 |
| 5 chrB2.719401A | G | 0.1122 | 4002 |
| 5 chrB2.719678G | A | 0.04169 | 3886 |
| 5 chrB2.719942G | A | 0.3887 | 3990 |
| 5 chrB2.720520C | A | 0.4522 | 3998 |
| 5 chrB2.720971A | C | 0.4092 | 3964 |
| 5 chrB2.721405A | G | 0.1536 | 4004 |
| 5 chrB2.722484G | A | 0.1865 | 3974 |
| 5 chrB2.722813G | A | 0.1817 | 4000 |
| 5 chrB2.723977G | A | 0.3954 | 4006 |
| 5 chrB2.724294A | G | 0.3872 | 4006 |
| 5 chrB2.724603A | G | 0.4421 | 3938 |
| 5 chrB2.725259C | A | 0.0982 | 3992 |
| 5 chrB2.725534A | G | 0.1223 | 3934 |
| 5 chrB2.725900G | A | 0.4402 | 3998 |
| 5 chrB2.726391G | A | 0.1644 | 3996 |
| 5 chrB2.726533 | 0 A | 0 | 4006 |
| 5 chrB2.726860A | G | 0.3379 | 4004 |
| 5 chrB2.727194G | A | 0.1624 | 4002 |
| 5 chrB2.727620A | G | 0.1205 | 3984 |
| 5 chrB2.728070G | A | 0.1654 | 3984 |
| 5 chrB2.728902C | A | 0.00175 | 4000 |
| 5 chrB2.729266G | A | 0.04158 | 3896 |
| 5 chrB2.729582G | A | 0.2187 | 3992 |
| 5 chrB2.730682G | A | 0.4065 | 3658 |
| 5 chrUn.742490A | G | 0.4086 | 3994 |
| 5 chrB2.731313G | A | 0.4344 | 3992 |
| 5 chrB2.731416A | G | 0.1279 | 4004 |
| 5 chrB2.731700G | A | 0.3672 | 3982 |
| 5 chrB2.732031A | G | 0.1766 | 3986 |

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| 5 chrB2.732298G | A | 0.1124 | 4002 |
| 5 chrB2.732317A | C | 0.2065 | 3990 |
| 5 chrB2.733044A | G | 0.3322 | 3982 |
| 5 chrB2.733770G | A | 0.05038 | 3990 |
| 5 chrUn.628313 | 0 C | 0 | 4008 |
| 5 chrB2.734142G | A | 0.08616 | 4004 |
| 5 chrB2.734856G | A | 0.3184 | 3894 |
| 5 chrB2.735186G | A | 0.08275 | 4000 |
| 5 chrUn10.1201A | G | 0.1505 | 3986 |
| 5 chrB2.735722A | G | 0.4957 | 3980 |
| 5 chrB2.736113A | G | 0.4145 | 3988 |
| 5 chrB2.736366G | A | 0.2179 | 3998 |
| 5 chrB2.736683C | A | 0.4516 | 3964 |
| 5 chrB2.737166A | C | 0.09248 | 3990 |
| 5 chrB2.738193C | A | 0.4562 | 3836 |
| 5 chrB2.738642A | G | 0.1392 | 4000 |
| 5 chrB2.739119A | G | 0.1781 | 4004 |
| 5 chrB2.739374A | G | 0.4985 | 3894 |
| 5 chrB2.740056A | G | 0.311 | 4000 |
| 5 chrB2.740353G | A | 0.08104 | 3850 |
| 5 chrB2.740760G | A | 0.1505 | 4006 |
| 5 chrB2.742282G | A | 0.3185 | 4000 |
| 5 chrB2.743309A | G | 0.108 | 3944 |
| 5 chrB2.743617A | C | 0.4767 | 3986 |
| 5 chrB2.744625A | C | 0.3963 | 3984 |
| 5 chrUn12.5817A | G | 0.05025 | 4000 |
| 5 chrUn12.5901C | A | 0.137 | 3970 |
| 5 chrUn12.5991G | A | 0.2589 | 3952 |
| 5 chrUn12.6080G | A | 0.1863 | 3998 |
| 5 chrUn12.6124G | A | 0.1656 | 3998 |
| 5 chrUn12.6291A | G | 0.3659 | 3998 |
| 5 chrUn12.6318A | G | 0.1045 | 3826 |
| 5 chrUn12.6341A | C | 0.1959 | 3972 |
| 5 chrUn12.6423A | C | 0.2956 | 3944 |
| 5 chrUn12.6458A | C | 0.1157 | 3872 |
| 5 chrUn12.6571G | A | 0.322 | 3994 |
| 5 chrUn12.6651A | G | 0.2135 | 3986 |
| 5 chrUn12.6750C | A | 0.07613 | 3888 |
| 5 chrUn12.6824A | C | 0.2987 | 3960 |
| 5 chrUn12.6928A | G | 0.2133 | 3994 |
| 5 chrUn12.6991C | A | 0.4756 | 3938 |

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| 5 chrUn12.702:A | G | 0.2575 | 3954 |
| 5 chrUn12.707:A | C | 0.3701 | 3996 |
| 5 chrUn12.709:A | C | 0.01197 | 4010 |
| 5 chrUn12.713:A | G | 0.4491 | 3992 |
| 5 chrUn12.716:C | A | 0.1937 | 4000 |
| 5 chrUn12.719:G | A | 0.4118 | 3934 |
| 5 chrUn12.724:C | A | 0.1791 | 3892 |
| 5 chrUn12.726:G | A | 0.05159 | 3780 |
| 5 chrUn12.729:G | A | 0.0137 | 3942 |
| 5 chrUn12.736:A | G | 0.01671 | 4010 |
| 5 chrUn12.740:A | G | 0.02219 | 3966 |
| 5 chrUn12.746:G | A | 0.004244 | 4006 |
| 5 chrUn12.755:A | G | 0.03551 | 3914 |
| 5 chrUn12.761:A | G | 0.03042 | 4010 |
| 5 chrUn12.763:G | A | 0.02132 | 3986 |
| 5 chrUn12.771:A | G | 0.08603 | 4010 |
| 5 chrUn12.773:A | G | 0.38 | 3924 |
| 5 chrUn12.774:C | A | 0.3771 | 3842 |
| 5 chrUn12.777:G | A | 0.4552 | 3994 |
| 5 chrUn12.779:G | A | 0.1444 | 3982 |
| 5 chrUn12.784:G | A | 0.2403 | 3974 |
| 5 chrUn12.790:G | A | 0.4026 | 3800 |
| 5 chrUn12.794:A | G | 0.1258 | 4006 |
| 5 chrUn12.797:G | A | 0.1221 | 3998 |
| 5 chrUn12.801:C | A | 0.05467 | 4006 |
| 5 chrUn12.806:A | G | 0.08853 | 3852 |
| 5 chrUn12.809:G | A | 0.1685 | 4006 |
| 5 chrUn12.813:G | A | 0.1003 | 4008 |
| 5 chrUn12.815:G | A | 0.2135 | 4004 |
| 5 chrUn12.822:A | G | 0.08724 | 3886 |
| 5 chrUn12.826:A | G | 0.05678 | 3998 |
| 5 chrUn12.833:A | G | 0.2561 | 4006 |
| 5 chrUn12.839:G | A | 0.2399 | 3998 |
| 5 chrUn12.841: | 0 G | 0 | 4006 |
| 5 chrUn12.852:G | A | 0.0731 | 4008 |
| 5 chrUn12.861:A | G | 0.159 | 3924 |
| 5 chrUn.39648:G | A | 0.2449 | 4002 |
| 5 chrUn12.874:C | A | 0.3739 | 4004 |
| 5 chrUn12.877:G | A | 0.2591 | 3968 |
| 5 chrB1.21540:A | G | 0.02871 | 4006 |
| 5 chrUn12.880:G | A | 0.02896 | 4006 |

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| 5 chrUn12.885:A | G | 0.3132 | 3982 |
| 5 chrUn12.893:G | A | 0.2179 | 3992 |
| 5 chrUn12.897:G | A | 0.07057 | 4010 |
| 5 chrUn12.900:G | A | 0.2439 | 3986 |
| 5 chrUn12.904:G | A | 0.07506 | 4010 |
| 5 chrUn12.907:G | A | 0.1166 | 3988 |
| 5 chrUn12.910:G | C | 0.3484 | 3944 |
| 5 chrUn12.922:A | G | 0.2746 | 3988 |
| 5 chrUn12.927:G | A | 0.2177 | 3968 |
| 5 chrUn12.931:G | G | 0.08129 | 3998 |
| 5 chrUn12.933:G | A | 0.06591 | 3990 |
| 5 chrUn12.938:G | C | 0.1898 | 3988 |
| 5 chrUn12.945:G | A | 0.4607 | 3998 |
| 5 chrUn12.949:A | G | 0.0468 | 3846 |
| 5 chrUn12.954:A | G | 0.2406 | 3978 |
| 5 chrUn12.957:A | G | 0.2393 | 3986 |
| 5 chrUn12.961:G | G | 0.3968 | 3944 |
| 5 chrUn12.967:G | A | 0.2128 | 3956 |
| 5 chrUn12.970:G | A | 0.2642 | 4004 |
| 5 chrUn12.974:G | A | 0.04895 | 4004 |
| 5 chrUn12.978:G | A | 0.3286 | 3968 |
| 5 chrUn12.980:G | G | 0.4603 | 3984 |
| 5 chrUn12.983:A | G | 0.1587 | 4002 |
| 5 chrUn12.986:G | A | 0.312 | 4000 |
| 5 chrUn12.992:C | A | 0.214 | 3996 |
| 5 chrUn12.998:G | A | 0.358 | 4006 |
| 5 chrUn12.100:G | G | 0.3014 | 4004 |
| 5 chrUn12.100:A | C | 0.4565 | 4000 |
| 5 chrUn.41472:C | G | 0.1973 | 3994 |
| 5 chrUn12.101:G | A | 0.1976 | 4008 |
| 5 chrUn12.101:G | A | 0.1195 | 4008 |
| 5 chrUn12.102:G | A | 0.1744 | 3996 |
| 5 chrUn12.102:A | G | 0.2295 | 4004 |
| 5 chrUn12.103:G | A | 0.1258 | 3918 |
| 5 chrUn12.103:A | G | 0.04698 | 4002 |
| 5 chrUn.72682:A | G | 0.1292 | 3972 |
| 5 chrUn12.103:A | G | 0.02518 | 3972 |
| 5 chrUn12.104:A | G | 0.1204 | 4004 |
| 5 chrUn12.104:A | G | 0.1708 | 3906 |
| 5 chrUn12.105:C | A | 0.3221 | 4002 |
| 5 chrUn12.105:A | G | 0.02922 | 4004 |

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| 5 chrUn12.105!C | A | 0.4311 | 3990 |
| 5 chrB2.164472G | A | 0.109 | 3982 |
| 5 chrUn12.105!G | A | 0.156 | 4000 |
| 5 chrUn12.106!G | A | 0.3531 | 3990 |
| 5 chrUn12.106!C | A | 0.2339 | 4002 |
| 5 chrB3.883009A | G | 0.1999 | 3946 |
| 5 chrUn12.1074G | A | 0.3592 | 3984 |
| 5 chrUn12.107!G | A | 0.0644 | 4006 |
| 5 chrUn12.108!G | A | 0.01997 | 4006 |
| 5 chrUn12.109!A | G | 0.1982 | 3996 |
| 5 chrUn12.110!G | A | 0.2073 | 3994 |
| 5 chrUn12.110!C | A | 0.1967 | 3838 |
| 5 chrUn12.111!A | G | 0.178 | 3860 |
| 5 chrUn12.111!A | G | 0.1329 | 4002 |
| 5 chrUn12.112!A | G | 0.3899 | 3998 |
| 5 chrUn12.112!A | G | 0.3612 | 3992 |
| 5 chrUn12.112!A | C | 0.1744 | 3830 |
| 5 chrUn12.112!G | A | 0.06565 | 4006 |
| 5 chrUn12.113!G | A | 0.2841 | 4006 |
| 5 chrUn12.113!C | A | 0.3282 | 3964 |
| 5 chrUn12.1144G | A | 0.1349 | 3908 |
| 5 chrUn12.114!G | A | 0.3369 | 3936 |
| 5 chrUn12.115!A | G | 0.1581 | 3916 |
| 5 chrUn12.115!G | A | 0.1453 | 3992 |
| 5 chrUn12.115!G | 0 G | 0 | 4010 |
| 5 chrD1.10700!A | G | 0.3303 | 3960 |
| 5 chrUn12.116!A | G | 0.1119 | 3646 |
| 5 chrUn12.1164G | A | 0.04645 | 4004 |
| 5 chrUn12.117!G | A | 0.1525 | 4000 |
| 5 chrUn12.118!A | C | 0.4335 | 3998 |
| 5 chrUn12.118!A | G | 0.03273 | 4002 |
| 5 chrUn12.119!A | G | 0.4897 | 3996 |
| 5 chrUn12.119!A | G | 0.3686 | 4004 |
| 5 chrUn12.120!A | C | 0.04165 | 4010 |
| 5 chrUn12.120!A | G | 0.1541 | 4004 |
| 5 chrUn12.121!A | C | 0.3349 | 3864 |
| 5 chrUn12.121!G | A | 0.1458 | 4000 |
| 5 chrUn12.1224A | G | 0.09416 | 4004 |
| 5 chrUn.34146!A | G | 0.3577 | 3998 |
| 5 chrUn12.123!A | G | 0.2813 | 3804 |
| 5 chrUn12.123!A | G | 0.0005045 | 3964 |

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| 5 chrUn12.1243G | A | 0.09111 | 4006 |
| 5 chrUn12.1246A | C | 0.09212 | 3984 |
| 5 chrUn12.1253G | A | 0.1076 | 3996 |
| 5 chrUn12.1257 | 0 G | 0 | 4010 |
| 5 chrUn12.1258G | A | 0.4001 | 3984 |
| 5 chrUn12.1263G | A | 0.02197 | 4006 |
| 5 chrUn12.1269G | A | 0.008256 | 3876 |
| 5 chrUn12.1273G | A | 0.1383 | 4000 |
| 5 chrD1.173206A | G | 0.3702 | 3968 |
| 5 chrUn12.1276A | G | 0.1047 | 3944 |
| 5 chrUn12.1283A | G | 0.1141 | 3996 |
| 5 chrUn12.1286C | A | 0.4965 | 4002 |
| 5 chrUn12.1288A | G | 0.0715 | 3986 |
| 5 chrUn12.1293A | G | 0.3301 | 3884 |
| 5 chrUn12.1296G | A | 0.1945 | 3974 |
| 5 chrUn12.1299A | G | 0.1856 | 3928 |
| 5 chrUn12.1306A | G | 0.3175 | 3990 |
| 5 chrUn12.1313A | G | 0.2965 | 4004 |
| 5 chrUn12.1317A | C | 0.3867 | 3928 |
| 5 chrE2.447991A | G | 0.207 | 3918 |
| 5 chrUn12.1327G | A | 0.03023 | 4002 |
| 5 chrUn12.1333A | G | 0.1787 | 4000 |
| 5 chrUn12.1343A | G | 0.4563 | 4004 |
| 5 chrUn12.1349A | G | 0.4992 | 3986 |
| 5 chrB2.844766C | A | 0.1463 | 3924 |
| 5 chrB2.845257G | A | 0.09544 | 3950 |
| 5 chrB2.845596G | A | 0.196 | 4006 |
| 5 chrB2.846221A | C | 0.05388 | 3786 |
| 5 chrB2.846271G | A | 0.06993 | 4004 |
| 5 chrB2.848596A | G | 0.111 | 4000 |
| 5 chrB2.848976G | A | 0.3607 | 3942 |
| 5 chrB2.849376G | A | 0.4738 | 4000 |
| 5 chrB2.849633A | G | 0.4907 | 3974 |
| 5 chrB2.850068A | G | 0.06734 | 3980 |
| 5 chrB2.850336G | A | 0.4745 | 4002 |
| 5 chrB2.850659A | G | 0.1193 | 4006 |
| 5 chrB2.851024A | G | 0.1985 | 4006 |
| 5 chrB2.851924A | C | 0.1962 | 3966 |
| 5 chrB2.852447G | A | 0.2464 | 3990 |
| 5 chrB2.852869G | A | 0.0115 | 4000 |
| 5 chrB2.853483C | A | 0.2581 | 3994 |

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| 5 chrB2.854148C | A | 0.2074 | 4002 |
| 5 chrB2.854988C | A | 0.1542 | 3930 |
| 5 chrB2.855366A | G | 0.3202 | 4004 |
| 5 chrB2.855657A | G | 0.06503 | 3998 |
| 5 chrB2.856118G | A | 0.1873 | 4004 |
| 5 chrB2.856178A | C | 0.1773 | 3970 |
| 5 chrB2.856504G | A | 0.1452 | 4000 |
| 5 chrB2.857346A | G | 0.4116 | 4006 |
| 5 chrB2.857736C | A | 0.2345 | 4000 |
| 5 chrB2.858178G | A | 0.1277 | 4010 |
| 5 chrB2.858612G | A | 0.3038 | 4002 |
| 5 chrB2.858989A | G | 0.03491 | 4010 |
| 5 chrB2.859174C | A | 0.486 | 4000 |
| 5 chrB2.859310G | A | 0.3363 | 3984 |
| 5 chrB2.859628A | G | 0.08694 | 3646 |
| 5 chrB2.860021G | A | 0.1362 | 4008 |
| 5 chrB2.861350A | G | 0.1476 | 3976 |
| 5 chrB2.861835A | C | 0.1329 | 3958 |
| 5 chrB2.862296G | A | 0.09386 | 4006 |
| 5 chrUn.294518A | G | 0.4092 | 3998 |
| 5 chrUn10.2767A | G | 0.076 | 4000 |
| 5 chrB2.862684A | G | 0.1227 | 4010 |
| 5 chrB2.862981A | C | 0.3375 | 3976 |
| 5 chrB2.863240A | C | 0.214 | 3996 |
| 5 chrB2.863668A | G | 0.2957 | 3980 |
| 5 chrB2.864163A | G | 0.07628 | 3920 |
| 5 chrB2.864549A | G | 0.0002495 | 4008 |
| 5 chrB2.864617A | G | 0.3326 | 3984 |
| 5 chrB2.864878G | A | 0.3873 | 4002 |
| 5 chrB2.865161A | G | 0.2684 | 4002 |
| 5 chrB2.865422G | A | 0.1611 | 3998 |
| 5 chrB2.865917G | A | 0.1383 | 3998 |
| 5 chrB2.866226A | G | 0.03945 | 3980 |
| 5 chrUn.717617G | A | 0.1091 | 4006 |
| 5 chrB2.866877A | G | 0.01608 | 3980 |
| 5 chrB2.867704A | C | 0.03518 | 3980 |
| 5 chrB2.868061G | A | 0.3252 | 3878 |
| 5 chrB2.868684A | G | 0.02893 | 3906 |
| 5 chrB2.869783A | C | 0.1044 | 3868 |
| 5 chrB2.870129A | G | 0.1102 | 4000 |
| 5 chrB2.870577A | G | 0.1106 | 3978 |

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| 5 chrB2.87086C | A | 0.1782 | 3856 |
| 5 chrB2.87139A | G | 0.04443 | 4006 |
| 5 chrB2.87170A | G | 0.3042 | 3984 |
| 5 chrB2.87195A | G | 0.2274 | 4002 |
| 5 chrB2.87343 | 0 A | 0 | 4010 |
| 5 chrB2.87384A | C | 0.2147 | 4000 |
| 5 chrB2.87432G | A | 0.1693 | 3992 |
| 5 chrB2.87463G | A | 0.3841 | 3996 |
| 5 chrB2.87573A | G | 0.06743 | 4004 |
| 5 chrB2.87604 | 0 G | 0 | 4000 |
| 5 chrB2.87635A | G | 0.39 | 3962 |
| 5 chrB2.87702A | C | 0.1977 | 4002 |
| 5 chrB2.87750A | G | 0.2672 | 4004 |
| 5 chrB2.87776A | G | 0.3342 | 4006 |
| 5 chrB2.87806G | A | 0.1198 | 4008 |
| 5 chrB2.87841A | G | 0.1757 | 4002 |
| 5 chrB2.87860A | G | 0.3188 | 3996 |
| 5 chrB2.87875A | G | 0.2524 | 3950 |
| 5 chrB2.87921A | G | 0.1314 | 4002 |
| 5 chrB2.87957G | A | 0.3564 | 3998 |
| 5 chrB2.87987A | G | 0.2783 | 3996 |
| 5 chrB2.88019A | G | 0.3993 | 3934 |
| 5 chrB2.88062A | G | 0.4428 | 3952 |
| 5 chrB2.88116A | G | 0.02695 | 4008 |
| 5 chrB2.88167G | A | 0.2427 | 3922 |
| 5 chrUn.63500C | A | 0.2307 | 3896 |
| 5 chrB2.88214G | A | 0.2879 | 3998 |
| 5 chrB2.88253G | A | 0.001005 | 3982 |
| 5 chrB2.88292G | A | 0.02695 | 4008 |
| 5 chrB2.88337G | A | 0.1228 | 4000 |
| 5 chrB2.88401C | A | 0.3568 | 3638 |
| 5 chrB2.88458A | G | 0.278 | 4004 |
| 5 chrB2.88489A | C | 0.1284 | 4004 |
| 5 chrB2.88547A | G | 0.1483 | 4006 |
| 5 chrB2.88591G | A | 0.1225 | 4008 |
| 5 chrB2.88623A | G | 0.3958 | 3984 |
| 5 chrB2.88660C | A | 0.3141 | 3976 |
| 5 chrB2.88716G | A | 0.209 | 3996 |
| 5 chrB2.88755A | G | 0.08317 | 4004 |
| 5 chrB2.88758A | G | 0.08532 | 3938 |
| 5 chrB2.88804A | C | 0.2488 | 3902 |

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| 5 chrUn32.553(G | A | 0.4213 | 4002 |
| 5 chrB2.888388C | A | 0.07186 | 4008 |
| 5 chrB2.889372G | A | 0.3652 | 3960 |
| 5 chrB2.889835G | A | 0.09084 | 3996 |
| 5 chrB2.890465G | A | 0.3615 | 4008 |
| 5 chrB2.890794G | A | 0.3012 | 3994 |
| 5 chrB2.891427C | A | 0.06269 | 4004 |
| 5 chrB2.891675C | A | 0.08791 | 4004 |
| 5 chrB2.891991A | C | 0.08809 | 3996 |
| 5 chrB2.892265G | A | 0.06932 | 3996 |
| 5 chrB2.892845A | G | 0.2432 | 3984 |
| 5 chrB2.893661G | A | 0.3266 | 3984 |
| 5 chrB2.894057A | G | 0.0927 | 4002 |
| 5 chrB2.894340C | 0 A | 0 | 4010 |
| 5 chrB2.894368A | G | 0.151 | 4000 |
| 5 chrB2.894777A | G | 0.3908 | 4002 |
| 5 chrB2.895673A | G | 0.1481 | 4010 |
| 5 chrB2.895941A | C | 0.05948 | 3934 |
| 5 chrB2.896197A | C | 0.09865 | 4004 |
| 5 chrB2.896635C | A | 0.3128 | 3878 |
| 5 chrB2.896900A | G | 0.04374 | 3772 |
| 5 chrB2.897393G | A | 0.26 | 3684 |
| 5 chrB2.897862A | C | 0.1632 | 3996 |
| 5 chrB2.898137G | A | 0.06225 | 3984 |
| 5 chrB2.898535C | A | 0.3916 | 3698 |
| 5 chrB2.898775A | G | 0.4272 | 3928 |
| 5 chrB2.899432C | A | 0.03867 | 4008 |
| 5 chrB2.899863G | A | 0.4595 | 3954 |
| 5 chrB2.900331A | G | 0.02597 | 4004 |
| 5 chrB2.900920G | A | 0.0004993 | 4006 |
| 5 chrB2.901316C | A | 0.04319 | 4006 |
| 5 chrB2.902030G | A | 0.3275 | 3994 |
| 5 chrB2.902600A | G | 0.008965 | 3904 |
| 5 chrB2.903227G | A | 0.1757 | 4000 |
| 5 chrB2.903644A | G | 0.1999 | 4002 |
| 5 chrB2.904036A | G | 0.1527 | 4008 |
| 5 chrB2.904370A | G | 0.06431 | 3996 |
| 5 chrB2.904673A | C | 0.2629 | 3998 |
| 5 chrB2.905545G | A | 0.002251 | 3998 |
| 5 chrB2.905831A | G | 0.005814 | 3956 |
| 5 chrB2.906107G | A | 0.4606 | 3986 |

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| 5 chrB2.906604A | G | 0.000502 | 3984 |
| 5 chrB2.906889G | A | 0.4295 | 3958 |
| 5 chrB2.907310G | A | 0.06184 | 3962 |
| 5 chrB2.908020G | A | 0.4553 | 4002 |
| 5 chrB2.908317A | G | 0.116 | 3818 |
| 5 chrB2.908686G | A | 0.4178 | 3968 |
| 5 chrB2.909109G | A | 0.2587 | 3982 |
| 5 chrB2.909415A | G | 0.2809 | 4008 |
| 5 chrB2.909898C | A | 0.2947 | 3930 |
| 5 chrB2.910736C | A | 0.398 | 3992 |
| 5 chrB2.911099G | A | 0.1828 | 4004 |
| 5 chrB2.911473A | G | 0.1733 | 3774 |
| 5 chrB2.911716A | G | 0.01665 | 3844 |
| 5 chrB2.912095C | A | 0.1804 | 4002 |
| 5 chrB2.912461A | G | 0.3553 | 3822 |
| 5 chrB2.912870A | C | 0.2268 | 3994 |
| 5 chrB2.913370G | A | 0.03738 | 3986 |
| 5 chrB2.913766A | G | 0.2146 | 3998 |
| 5 chrB2.914163A | C | 0.1091 | 3988 |
| 5 chrB2.914604A | G | 0.0817 | 3868 |
| 5 chrB2.915205C | A | 0.2476 | 3994 |
| 5 chrB2.915630G | A | 0.1691 | 4004 |
| 5 chrB2.915941 | 0 G | 0 | 4010 |
| 5 chrB2.915948G | A | 0.4928 | 4004 |
| 5 chrB2.916515A | G | 0.3059 | 3998 |
| 5 chrB2.916844A | G | 0.002247 | 4006 |
| 5 chrB2.917369C | A | 0.2108 | 4008 |
| 5 chrB2.917641A | G | 0.2466 | 4006 |
| 5 chrB2.917925G | A | 0.2819 | 3874 |
| 5 chrB2.918431G | A | 0.07721 | 4002 |
| 5 chrB2.918823G | A | 0.3197 | 3982 |
| 5 chrB2.919208A | G | 0.3155 | 3990 |
| 5 chrB2.919601A | G | 0.1441 | 4010 |
| 5 chrB2.919914A | G | 0.1555 | 3904 |
| 5 chrB2.920307C | A | 0.05165 | 4008 |
| 5 chrB2.920353G | A | 0.4112 | 3974 |
| 5 chrB2.920858A | G | 0.02769 | 4008 |
| 5 chrB2.921109A | G | 0.3114 | 4004 |
| 5 chrB2.921491A | G | 0.208 | 3966 |
| 5 chrB2.921832G | A | 0.06415 | 4006 |
| 5 chrB2.922330A | C | 0.2379 | 3606 |

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| 5 chrB2.922662A | G | 0.4822 | 3994 |
| 5 chrB2.923147A | C | 0.1828 | 4004 |
| 5 chrB2.923645G | A | 0.1983 | 4000 |
| 5 chrB2.923930A | G | 0.3036 | 3940 |
| 5 chrB2.924225G | A | 0.2277 | 3952 |
| 5 chrB2.924695A | G | 0.09515 | 4004 |
| 5 chrB2.925054G | A | 0.196 | 3868 |
| 5 chrB2.925695G | A | 0.1041 | 4006 |
| 5 chrB2.926526G | A | 0.119 | 3856 |
| 5 chrB2.927021A | G | 0.1367 | 4002 |
| 5 chrB2.927445C | A | 0.2684 | 4002 |
| 5 chrB2.927747A | G | 0.06423 | 3970 |
| 5 chrB2.928155A | G | 0.06612 | 4008 |
| 5 chrB2.928377A | C | 0.0743 | 3930 |
| 5 chrB2.928397A | G | 0.02645 | 4008 |
| 5 chrB2.928705G | A | 0.0002499 | 4002 |
| 5 chrB2.929055G | A | 0.4001 | 3912 |
| 5 chrB2.929307A | G | 0.3672 | 3990 |
| 5 chrUn.741148A | G | 0.3206 | 3902 |
| 5 chrB2.930306A | G | 0.213 | 4000 |
| 5 chrB2.930610A | G | 0.2103 | 3994 |
| 5 chrB2.930864G | A | 0.1424 | 3996 |
| 5 chrB2.931390A | G | 0.4795 | 3996 |
| 5 chrB2.931678G | A | 0.08383 | 4008 |
| 5 chrB2.931918A | G | 0.167 | 3952 |
| 5 chrB2.932267A | C | 0.2332 | 3890 |
| 5 chrB2.932742A | C | 0.1565 | 3950 |
| 5 chrB2.933425G | A | 0.3925 | 3918 |
| 5 chrB2.933992G | A | 0.1774 | 4002 |
| 5 chrB2.935275A | C | 0.1353 | 3916 |
| 5 chrB2.936151G | A | 0.1389 | 4004 |
| 5 chrB2.936432G | A | 0.06785 | 3994 |
| 5 chrB2.936688A | G | 0.02772 | 4004 |
| 5 chrB2.937128G | A | 0.3075 | 4000 |
| 5 chrB2.937455G | A | 0.1489 | 3922 |
| 5 chrB2.938227G | A | 0.1693 | 4004 |
| 5 chrB2.938562C | A | 0.3363 | 3988 |
| 5 chrB2.938890C | A | 0.07486 | 3994 |
| 5 chrB2.939184A | C | 0.09674 | 3990 |
| 5 chrB2.940142A | G | 0.188 | 4010 |
| 5 chrB2.940704G | A | 0.4938 | 4004 |

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| 5 chrB2.941057G | A | 0.272 | 4000 |
| 5 chrB2.941821A | G | 0.3596 | 3738 |
| 5 chrB2.942079G | A | 0.02771 | 4006 |
| 5 chrB2.942703G | A | 0.1791 | 4004 |
| 5 chrB2.942780A | C | 0.2031 | 4008 |
| 5 chrB2.943754A | G | 0.121 | 3966 |
| 5 chrB2.944290A | C | 0.09442 | 3982 |
| 5 chrB2.944561A | C | 0.3725 | 4000 |
| 5 chrB2.945033G | A | 0.3676 | 3942 |
| 5 chrB2.945304G | A | 0.4868 | 4004 |
| 5 chrB2.945690A | G | 0.03545 | 4006 |
| 5 chrB2.946179A | G | 0.08563 | 3994 |
| 5 chrB2.946824G | A | 0.3373 | 3994 |
| 5 chrB2.947076A | G | 0.3137 | 3844 |
| 5 chrB2.947432A | G | 0.2939 | 3988 |
| 5 chrB2.948013A | C | 0.1324 | 4004 |
| 5 chrB2.948476A | G | 0.1742 | 3996 |
| 5 chrB2.949209A | C | 0.137 | 4000 |
| 5 chrB2.949501G | A | 0.3986 | 3864 |
| 5 chrB2.950189A | G | 0.2055 | 4010 |
| 5 chrB2.951116G | A | 0.1752 | 4006 |
| 5 chrB2.951363G | A | 0.2849 | 4002 |
| 5 chrB2.951605A | G | 0.1726 | 3992 |
| 5 chrB2.951930G | A | 0.07887 | 3994 |
| 5 chrB2.952365A | G | 0.1237 | 3994 |
| 5 chrB2.953406G | A | 0.4188 | 4002 |
| 5 chrB2.953503G | A | 0.1673 | 3994 |
| 5 chrA1.980050A | G | 0.0009975 | 4010 |
| 5 chrB2.953812G | A | 0.4975 | 3970 |
| 5 chrB2.954232A | G | 0.2052 | 3976 |
| 5 chrB2.954919A | C | 0.3587 | 3886 |
| 5 chrB2.955646C | A | 0.1645 | 3994 |
| 5 chrB2.955927C | A | 0.2861 | 3998 |
| 5 chrB2.956174C | A | 0.0662 | 3746 |
| 5 chrB2.956644G | A | 0.1472 | 3994 |
| 5 chrB2.957228A | G | 0.03548 | 4002 |
| 5 chrB2.957647A | G | 0.001262 | 3962 |
| 5 chrB2.958189A | G | 0.3181 | 4008 |
| 5 chrB2.958811G | A | 0.1882 | 4006 |
| 5 chrB2.959250G | A | 0.3987 | 4008 |
| 5 chrB2.960050G | A | 0.4325 | 4000 |

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|----------------|---|---|----------|------|
| 5 chrB2.960452 | G | A | 0.06347 | 4002 |
| 5 chrB2.960728 | A | G | 0.2784 | 3976 |
| 5 chrB2.961308 | A | C | 0.1999 | 3952 |
| 5 chrB2.961963 | C | A | 0.3353 | 3946 |
| 5 chrB2.962413 | G | A | 0.1762 | 3990 |
| 5 chrB2.962783 | A | C | 0.1915 | 4006 |
| 5 chrB2.963234 | A | G | 0.4275 | 4002 |
| 5 chrB2.963262 | G | A | 0.159 | 4000 |
| 5 chrB2.963311 | G | A | 0.3987 | 3898 |
| 5 chrB2.963929 | A | G | 0.3883 | 3994 |
| 5 chrB2.964397 | A | G | 0.1723 | 3994 |
| 5 chrB2.964879 | A | C | 0.2997 | 3730 |
| 5 chrB2.965222 | A | G | 0.2006 | 4002 |
| 5 chrB2.965785 | G | A | 0.2479 | 3990 |
| 5 chrB2.966305 | A | G | 0.2622 | 3982 |
| 5 chrB2.966723 | A | G | 0.2505 | 3952 |
| 5 chrB2.967295 | A | G | 0.1147 | 3968 |
| 5 chrB2.967742 | A | G | 0.4035 | 3998 |
| 5 chrB2.968537 | G | A | 0.498 | 3982 |
| 5 chrB2.968966 | A | C | 0.02023 | 3756 |
| 5 chrB2.969371 | A | G | 0.1417 | 3986 |
| 5 chrB2.969928 | A | G | 0.07211 | 3980 |
| 5 chrB2.970279 | C | A | 0.4254 | 3982 |
| 5 chrB2.970905 | G | A | 0.4383 | 4004 |
| 5 chrB2.971281 | A | G | 0.4315 | 3824 |
| 5 chrB2.972245 | G | A | 0.2225 | 3986 |
| 5 chrB2.972565 | A | G | 0.2693 | 3992 |
| 5 chrB2.973179 | A | G | 0.4149 | 3972 |
| 5 chrB2.973495 | G | A | 0.2277 | 3996 |
| 5 chrB2.974011 | A | C | 0.2582 | 4004 |
| 5 chrUn.908441 | A | G | 0.3682 | 3990 |
| 5 chrB2.974317 | A | G | 0.004244 | 4006 |
| 5 chrB2.974641 | A | G | 0.1116 | 3996 |
| 5 chrB2.975583 | A | G | 0.1623 | 4004 |
| 5 chrB2.976024 | A | G | 0.4888 | 3938 |
| 5 chrB2.977073 | G | A | 0.2831 | 3998 |
| 5 chrB2.977475 | A | G | 0.04605 | 3844 |
| 5 chrB2.978657 | A | G | 0.2727 | 4000 |
| 5 chrB2.978990 | A | G | 0.3369 | 3752 |
| 5 chrB2.979242 | G | A | 0.3308 | 3918 |
| 5 chrB2.979630 | A | C | 0.1882 | 3996 |

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| 5 chrB2.979989G | A | 0.2624 | 4002 |
| 5 chrB2.980674A | G | 0.1822 | 3930 |
| 5 chrB2.980912G | A | 0.486 | 3996 |
| 5 chrB2.981630A | G | 0.02722 | 4004 |
| 5 chrB2.982144A | G | 0.002246 | 4008 |
| 5 chrB2.982036A | G | 0.179 | 3944 |
| 5 chrB2.982399A | G | 0.158 | 3968 |
| 5 chrB2.982841A | C | 0.2344 | 3980 |
| 5 chrB2.983113A | G | 0.06083 | 3896 |
| 5 chrB2.983563G | A | 0.2701 | 4002 |
| 5 chrB2.983949G | A | 0.4972 | 3978 |
| 5 chrB2.984266G | A | 0.4995 | 3996 |
| 5 chrB2.984515G | A | 0.2907 | 3994 |
| 5 chrB2.985162A | G | 0.4053 | 4002 |
| 5 chrB2.985678A | G | 0.01048 | 4006 |
| 5 chrB2.986038A | G | 0.003495 | 4006 |
| 5 chrUn.387254 | 0 A | 0 | 4010 |
| 5 chrB2.986304C | A | 0.07121 | 4002 |
| 5 chrB2.987204A | G | 0.01906 | 3988 |
| 5 chrB2.987204G | A | 0.1744 | 3956 |
| 5 chrB2.987448A | G | 0.01954 | 3992 |
| 5 chrB2.988264A | G | 0.2198 | 4000 |
| 5 chrB2.989059G | A | 0.01465 | 3958 |
| 5 chrB2.989459A | G | 0.0761 | 4008 |
| 5 chrB2.990606A | G | 0.04529 | 3908 |
| 5 chrB2.991563A | G | 0.2899 | 3956 |
| 5 chrB2.992336C | A | 0.2631 | 3994 |
| 5 chrB2.992588A | C | 0.4992 | 3962 |
| 5 chrB2.993487A | C | 0.354 | 3980 |
| 5 chrB2.993987A | C | 0.132 | 3908 |
| 5 chrB2.994094A | G | 0.04319 | 4006 |
| 5 chrUn.911178G | A | 0.4605 | 3972 |
| 5 chrB2.995084A | G | 0.09835 | 3996 |
| 5 chrB2.995627A | G | 0.003493 | 4008 |
| 5 chrB2.996109A | G | 0.04552 | 3976 |
| 5 chrB2.996595A | G | 0.04568 | 3962 |
| 5 chrB2.997097G | A | 0.1639 | 4002 |
| 5 chrB2.997507G | A | 0.1378 | 3970 |
| 5 chrB2.998321C | A | 0.07846 | 4002 |
| 5 chrB2.998731G | A | 0.4249 | 3996 |
| 5 chrB2.999230G | A | 0.1882 | 3986 |

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| 5 chrB2.999632G | A | 0.05415 | 3952 |
| 5 chrB2.100003A | C | 0.1374 | 4002 |
| 5 chrB2.100067A | G | 0.2103 | 4000 |
| 5 chrB2.100143G | A | 0.0157 | 3948 |
| 5 chrB2.100169G | A | 0.03541 | 4010 |
| 5 chrB2.100217A | G | 0.477 | 3992 |
| 5 chrB2.100287 | 0 G | 0 | 4000 |
| 5 chrB2.100319G | A | 0.001248 | 4006 |
| 5 chrB2.100429A | C | 0.286 | 4000 |
| 5 chrB2.100462A | G | 0.1617 | 3988 |
| 5 chrB2.100497A | G | 0.3645 | 3978 |
| 5 chrB2.100521G | A | 0.228 | 3970 |
| 5 chrB2.100561G | A | 0.397 | 4000 |
| 5 chrB2.100624C | A | 0.1101 | 3998 |
| 5 chrB2.100701A | G | 0.1146 | 3996 |
| 5 chrB2.100740G | A | 0.3437 | 3998 |
| 5 chrB2.100790A | G | 0.3793 | 3984 |
| 5 chrB2.100831G | A | 0.1216 | 3948 |
| 5 chrB2.100844A | G | 0.008582 | 3962 |
| 5 chrB2.100884G | A | 0.07275 | 4000 |
| 5 chrB2.100918A | C | 0.187 | 3952 |
| 5 chrB2.100951G | A | 0.07293 | 4004 |
| 5 chrB2.100997A | G | 0.4246 | 3968 |
| 5 chrB2.101022G | A | 0.1328 | 4000 |
| 5 chrB2.101080A | G | 0.4887 | 3992 |
| 5 chrB2.101122A | G | 0.4947 | 3998 |
| 5 chrB2.101150A | G | 0.1495 | 3658 |
| 5 chrB2.101175A | G | 0.29 | 4000 |
| 5 chrB2.101247G | A | 0.06166 | 4006 |
| 5 chrB2.101292A | G | 0.2331 | 3788 |
| 5 chrB2.101334A | G | 0.06817 | 3990 |
| 5 chrB2.101375A | C | 0.1407 | 3986 |
| 5 chrB2.101411A | G | 0.3422 | 3998 |
| 5 chrB2.101453A | C | 0.09102 | 4010 |
| 5 chrB2.101497A | C | 0.3741 | 4004 |
| 5 chrB2.101525A | G | 0.08671 | 3852 |
| 5 chrB2.101579A | G | 0.1331 | 4004 |
| 5 chrB2.101639G | A | 0.1141 | 3998 |
| 5 chrB1.109466G | A | 0.05495 | 4004 |
| 5 chrB2.101715G | A | 0.1274 | 3986 |
| 5 chrB2.101755C | A | 0.0525 | 4000 |

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| 5 chrB2.101826A | G | 0.3284 | 3992 |
| 5 chrB2.101861A | G | 0.2014 | 3988 |
| 5 chrB2.101915A | G | 0.4493 | 4002 |
| 5 chrB2.101947A | G | 0.1613 | 3998 |
| 5 chrB2.101992G | A | 0.355 | 3884 |
| 5 chrB2.102031G | A | 0.09605 | 3998 |
| 5 chrB2.102097A | G | 0.007896 | 3926 |
| 5 chrB2.102152A | G | 0.1015 | 3734 |
| 5 chrB2.102185A | G | 0.08038 | 4006 |
| 5 chrB2.102229G | A | 0.02301 | 3998 |
| 5 chrB2.102254A | G | 0.1201 | 4004 |
| 5 chrB2.102300A | G | 0.0751 | 4008 |
| 5 chrB2.102302G | A | 0.07648 | 3988 |
| 5 chrB2.102358C | A | 0.1297 | 4002 |
| 5 chrB2.102431A | G | 0.1187 | 4002 |
| 5 chrB2.102485A | G | 0.03122 | 4004 |
| 5 chrB2.102523G | A | 0.4553 | 3936 |
| 5 chrB2.102598A | G | 0.4575 | 4002 |
| 5 chrB2.102670A | G | 0.1484 | 4004 |
| 5 chrB2.102705A | G | 0.203 | 4000 |
| 5 chrB2.102743A | G | 0.3503 | 3954 |
| 5 chrB2.102766G | A | 0.3655 | 4006 |
| 5 chrB2.102813A | C | 0.06547 | 4002 |
| 5 chrB2.102894A | G | 0.01242 | 3944 |
| 5 chrB2.102921G | A | 0.3946 | 4002 |
| 5 chrB2.103048A | C | 0.191 | 3990 |
| 5 chrB2.103076A | G | 0.1808 | 3944 |
| 5 chrB2.103109G | A | 0.07525 | 3734 |
| 5 chrB2.103137A | C | 0.1079 | 3996 |
| 5 chrUn.116304A | G | 0.1057 | 3936 |
| 5 chrUn.296297G | A | 0.1014 | 3986 |
| 5 chrB2.103211A | G | 0.05606 | 3710 |
| 5 chrUn.242424G | A | 0.2805 | 4000 |
| 5 chrB2.103249A | G | 0.1514 | 4002 |
| 5 chrB2.103291A | G | 0.3317 | 3998 |
| 5 chrB2.103413A | G | 0.04278 | 3974 |
| 5 chrB2.103457A | G | 0.2 | 4006 |
| 5 chrB2.103499G | A | 0.1982 | 3966 |
| 5 chrB2.103527C | A | 0.1204 | 4002 |
| 5 chrB2.103557A | G | 0.4659 | 3990 |
| 5 chrB2.103616G | A | 0.141 | 4000 |

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| 5 chrB2.103682A | G | 0.395 | 4000 |
| 5 chrB2.103749A | G | 0.365 | 3948 |
| 5 chrB2.103773G | A | 0.2268 | 3828 |
| 5 chrB2.103805G | A | 0.1589 | 3972 |
| 5 chrB2.103833G | A | 0.0978 | 4008 |
| 5 chrB2.103867A | G | 0.08741 | 4004 |
| 5 chrB2.103982A | C | 0.2728 | 4000 |
| 5 chrB2.104089A | C | 0.4938 | 4006 |
| 5 chrB2.104198A | G | 0.3045 | 3948 |
| 5 chrB2.104234G | A | 0.2873 | 3944 |
| 5 chrB2.104269A | C | 0.1305 | 4008 |
| 5 chrB2.104333A | G | 0.3662 | 3984 |
| 5 chrB2.104369G | A | 0.1124 | 3984 |
| 5 chrB2.104475G | A | 0.09149 | 3924 |
| 5 chrB2.104558G | A | 0.0969 | 4004 |
| 5 chrB2.104583A | G | 0.06369 | 4004 |
| 5 chrB2.104646A | G | 0.3252 | 3992 |
| 5 chrB2.104723G | A | 0.2137 | 3978 |
| 5 chrB2.104796A | G | 0.05621 | 3736 |
| 5 chrB2.104852A | G | 0.1011 | 3946 |
| 5 chrB2.104900G | A | 0.276 | 3956 |
| 5 chrB2.104958A | G | 0.3197 | 3972 |
| 5 chrB2.105002G | A | 0.1309 | 4004 |
| 5 chrB2.105003G | A | 0.1518 | 4004 |
| 5 chrB2.105058A | G | 0.1528 | 4006 |
| 5 chrB2.105091A | C | 0.2518 | 3996 |
| 5 chrB2.105161G | A | 0.2639 | 3998 |
| 5 chrB2.105278G | A | 0.06722 | 4002 |
| 5 chrB2.105281A | C | 0.1875 | 4006 |
| 5 chrB2.105327A | G | 0.1772 | 4002 |
| 5 chrB2.105384G | A | 0.2314 | 3988 |
| 5 chrB2.105434A | G | 0.3155 | 4006 |
| 5 chrB2.105480G | A | 0.4975 | 3944 |
| 5 chrF1.392932C | A | 0.3694 | 4006 |
| 5 chrB2.105521C | A | 0.09677 | 3896 |
| 5 chrB2.105584A | G | 0.08713 | 3994 |
| 5 chrB2.105608A | G | 0.4632 | 3992 |
| 5 chrB2.105637G | A | 0.4541 | 3986 |
| 5 chrB2.105694A | G | 0.0004993 | 4006 |
| 5 chrB2.105697G | A | 0.1365 | 4006 |
| 5 chrB2.105727A | G | 0.3536 | 3988 |

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| 5 chrB2.105812G | A | 0.2201 | 3958 |
| 5 chrB2.105889A | G | 0.007257 | 3996 |
| 5 chrB2.105913G | A | 0.1253 | 4006 |
| 5 chrB2.105964 | 0 G | 0 | 4010 |
| 5 chrB2.105977A | G | 0.4442 | 3994 |
| 5 chrB2.106022G | A | 0.1977 | 4006 |
| 5 chrB2.106087G | A | 0.1014 | 4004 |
| 5 chrB2.106117G | A | 0.1035 | 3912 |
| 5 chrB2.106149A | G | 0.3034 | 3962 |
| 5 chrB2.106183A | G | 0.2301 | 4002 |
| 5 chrB2.106231A | G | 0.2123 | 3970 |
| 5 chrB2.106262G | A | 0.3995 | 3990 |
| 5 chrB2.106312A | G | 0.08907 | 4008 |
| 5 chrB2.106343A | G | 0.4173 | 4000 |
| 5 chrB2.106391G | A | 0.4977 | 3998 |
| 5 chrB2.106470A | G | 0.1969 | 4008 |
| 5 chrB2.106507A | G | 0.1144 | 4002 |
| 5 chrB2.106537C | A | 0.1827 | 4006 |
| 5 chrB2.106561G | A | 0.2668 | 3962 |
| 5 chrB2.106600A | G | 0.3377 | 3918 |
| 5 chrB2.106643A | G | 0.0316 | 3956 |
| 5 chrB2.106704A | G | 0.3126 | 4002 |
| 5 chrB2.106738G | A | 0.4324 | 3996 |
| 5 chrB2.106880G | A | 0.08986 | 3984 |
| 5 chrB2.106916C | A | 0.4304 | 4006 |
| 5 chrB2.106948A | G | 0.4308 | 3986 |
| 5 chrB2.106992C | A | 0.3546 | 4004 |
| 5 chrB2.107040G | A | 0.004244 | 4006 |
| 5 chrUn.568287C | A | 0.003761 | 3988 |
| 5 chrB2.107123A | C | 0.1156 | 3998 |
| 5 chrB2.107180A | C | 0.3426 | 3978 |
| 5 chrB2.107234G | A | 0.1721 | 3980 |
| 5 chrB2.107326A | G | 0.234 | 4004 |
| 5 chrB2.107350G | A | 0.1222 | 3814 |
| 5 chrB2.107374G | A | 0.1477 | 4008 |
| 5 chrB2.107419A | G | 0.02734 | 3768 |
| 5 chrB2.107445A | G | 0.3245 | 3978 |
| 5 chrB4.283491C | A | 0.206 | 3970 |
| 5 chrB2.107500A | G | 0.2989 | 3948 |
| 5 chrB2.107571A | G | 0.1809 | 3986 |
| 5 chrB2.107602G | A | 0.4036 | 4004 |

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| 5 chrB2.107659G | A | 0.0952 | 3960 |
| 5 chrB2.107701A | G | 0.1912 | 4002 |
| 5 chrB2.107746G | A | 0.06113 | 4008 |
| 5 chrB2.107786A | G | 0.1148 | 3998 |
| 5 chrB2.107825A | C | 0.2751 | 4002 |
| 5 chrB2.107856A | G | 0.05642 | 4006 |
| 5 chrB2.107931G | A | 0.1385 | 3992 |
| 5 chrB2.107940A | G | 0.2876 | 4002 |
| 5 chrB2.107993G | A | 0.05716 | 4006 |
| 5 chrB2.108091A | C | 0.2903 | 3996 |
| 5 chrB2.108154A | G | 0.316 | 3896 |
| 5 chrB2.108169 | 0 A | 0 | 4010 |
| 5 chrB2.108214G | A | 0.4365 | 3982 |
| 5 chrB2.108292G | A | 0.07082 | 3996 |
| 5 chrB2.108336A | G | 0.3809 | 3980 |
| 5 chrB2.108368G | A | 0.2827 | 3944 |
| 5 chrB2.108393G | A | 0.2413 | 3986 |
| 5 chrB2.108430G | A | 0.4132 | 3998 |
| 5 chrB2.108456A | G | 0.115 | 4000 |
| 5 chrB2.108553C | A | 0.4061 | 3974 |
| 5 chrB2.108598A | G | 0.04232 | 3946 |
| 5 chrB2.108635G | A | 0.4243 | 3992 |
| 5 chrC1.161570C | A | 0.2213 | 3814 |
| 5 chrB2.108672G | A | 0.1281 | 3998 |
| 5 chrB2.108705A | G | 0.256 | 3992 |
| 5 chrB2.108753G | A | 0.2581 | 4002 |
| 5 chrB2.108766G | A | 0.3343 | 3994 |
| 5 chrB2.108798A | C | 0.4581 | 3986 |
| 5 chrB2.108829C | A | 0.2755 | 3746 |
| 5 chrB2.108860G | A | 0.2712 | 3994 |
| 5 chrB2.108916G | A | 0.4325 | 3984 |
| 5 chrB2.108991C | A | 0.2031 | 3988 |
| 5 chrB2.109021G | A | 0.2214 | 4002 |
| 5 chrB2.109088A | G | 0.2588 | 3984 |
| 5 chrB2.109122G | A | 0.1029 | 3966 |
| 5 chrB2.109147A | G | 0.3128 | 4006 |
| 5 chrB2.109176A | G | 0.3452 | 3786 |
| 5 chrB2.109200G | A | 0.06118 | 3890 |
| 5 chrB2.109239A | G | 0.24 | 3946 |
| 5 chrB2.109286A | G | 0.07585 | 4008 |
| 5 chrB2.109312A | G | 0.07475 | 4000 |

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| 5 chrB2.109337G | A | 0.4192 | 3996 |
| 5 chrB2.109387A | G | 0.04194 | 4006 |
| 5 chrB2.109407A | G | 0.3658 | 3934 |
| 5 chrB2.109481A | G | 0.4312 | 3996 |
| 5 chrB2.109507C | A | 0.3802 | 4000 |
| 5 chrB2.109553A | G | 0.4556 | 3984 |
| 5 chrB2.109581C | A | 0.4558 | 3984 |
| 5 chrB2.109630G | A | 0.4415 | 3986 |
| 5 chrX.5856767A | C | 0.2169 | 3886 |
| 5 chrB2.109658A | G | 0.07706 | 4010 |
| 5 chrB2.109710A | G | 0.1771 | 4010 |
| 5 chrB2.109746A | G | 0.2153 | 3930 |
| 5 chrB2.109800A | G | 0.4271 | 3992 |
| 5 chrB2.109840C | A | 0.08238 | 4006 |
| 5 chrB2.109881A | G | 0.195 | 4000 |
| 5 chrB2.109912G | A | 0.2254 | 3970 |
| 5 chrB2.109959G | A | 0.1869 | 3986 |
| 5 chrB2.110006G | A | 0.2846 | 4006 |
| 5 chrB2.110030G | A | 0.3141 | 4002 |
| 5 chrB2.110065G | A | 0.1278 | 3990 |
| 5 chrB2.110169G | A | 0.193 | 4006 |
| 5 chrB2.110213G | A | 0.08929 | 3998 |
| 5 chrB2.110276G | A | 0.148 | 3994 |
| 5 chrB2.110315A | G | 0.336 | 3994 |
| 5 chrB2.110338A | G | 0.1234 | 3964 |
| 5 chrB2.110360A | C | 0.183 | 4010 |
| 5 chrB2.110401C | A | 0.3259 | 3992 |
| 5 chrB2.110447A | C | 0.1425 | 3924 |
| 5 chrB2.110477A | G | 0.2736 | 3976 |
| 5 chrB2.110525G | A | 0.3139 | 3998 |
| 5 chrB2.110571A | G | 0.1118 | 4008 |
| 5 chrB2.110612G | A | 0.04591 | 3986 |
| 5 chrB2.110657A | C | 0.0854 | 3958 |
| 5 chrB2.110691A | G | 0.4968 | 4000 |
| 5 chrB2.110722A | G | 0.2549 | 3912 |
| 5 chrB2.110752G | A | 0.02298 | 4004 |
| 5 chrB2.110809A | G | 0.4593 | 3982 |
| 5 chrB2.110840A | G | 0.4428 | 3918 |
| 5 chrB2.110869G | A | 0.07784 | 4008 |
| 5 chrB2.110922G | A | 0.2404 | 3968 |
| 5 chrB2.110958G | A | 0.4285 | 4000 |

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| 5 chrB2.111029A | G | 0.1981 | 3958 |
| 5 chrB2.111089A | C | 0.2697 | 4004 |
| 5 chrB2.111147C | A | 0.2603 | 3988 |
| 5 chrB2.111216A | C | 0.3264 | 3980 |
| 5 chrUn.801437G | A | 0.2163 | 4004 |
| 5 chrB2.111338A | G | 0.3008 | 4000 |
| 5 chrB2.111381G | A | 0.2119 | 3988 |
| 5 chrUn.416857A | G | 0.001263 | 3960 |
| 5 chrB2.111434G | A | 0.3694 | 3928 |
| 5 chrB2.111461G | A | 0.2725 | 4000 |
| 5 chrUn.404266A | G | 0.01898 | 3898 |
| 5 chrB2.111521G | A | 0.3175 | 4006 |
| 5 chrB2.111529G | A | 0.02003 | 3844 |
| 5 chrB2.111611C | A | 0.2896 | 4002 |
| 5 chrB2.111657A | G | 0.3598 | 3994 |
| 5 chrB2.111719A | G | 0.305 | 3980 |
| 5 chrB2.111796A | C | 0.1061 | 4004 |
| 5 chrB2.111821A | C | 0.09538 | 3596 |
| 5 chrB2.111914G | A | 0.2853 | 4006 |
| 5 chrB2.111974A | G | 0.1517 | 4008 |
| 5 chrB2.112009A | G | 0.1921 | 3998 |
| 5 chrB2.112037A | C | 0.2189 | 3966 |
| 5 chrB2.112062G | A | 0.1893 | 4004 |
| 5 chrB2.112189A | G | 0.3876 | 3906 |
| 5 chrB2.112221A | G | 0.1207 | 3994 |
| 5 chrB2.112269A | G | 0.4955 | 3996 |
| 5 chrB2.112319A | G | 0.391 | 3990 |
| 5 chrB2.112346A | G | 0.07575 | 4000 |
| 5 chrB2.112378A | G | 0.1562 | 3994 |
| 5 chrB2.112429A | C | 0.09705 | 3936 |
| 5 chrB2.112444G | A | 0.1061 | 3940 |
| 5 chrB2.112461A | G | 0.4274 | 3992 |
| 5 chrB2.112491A | C | 0.3189 | 3992 |
| 5 chrB2.112521A | G | 0.4507 | 3978 |
| 5 chrB2.112549A | G | 0.1263 | 4006 |
| 5 chrB2.112594A | G | 0.1918 | 3998 |
| 5 chrB2.112622G | A | 0.07385 | 4008 |
| 5 chrB2.112659G | A | 0.1299 | 3996 |
| 5 chrB2.112699A | G | 0.1188 | 3932 |
| 5 chrB2.112729G | A | 0.4758 | 3922 |
| 5 chrB2.112752G | A | 0.08493 | 3956 |

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| 5 chrB2.112795G | A | 0.2183 | 3990 |
| 5 chrB2.112821G | A | 0.3018 | 4002 |
| 5 chrB2.112885G | A | 0.1086 | 4004 |
| 5 chrB2.112936G | A | 0.312 | 3994 |
| 5 chrB2.112997A | G | 0.1151 | 3882 |
| 5 chrB2.113024A | G | 0.3039 | 3988 |
| 5 chrB2.113115G | A | 0.141 | 3994 |
| 5 chrB2.113195A | G | 0.3785 | 3992 |
| 5 chrB2.113312C | A | 0.395 | 3992 |
| 5 chrB2.113342C | A | 0.4197 | 4000 |
| 5 chrB2.113386A | G | 0.393 | 4000 |
| 5 chrB2.113435A | C | 0.4059 | 3942 |
| 5 chrB2.113462A | G | 0.3622 | 3702 |
| 5 chrB2.113491G | A | 0.4717 | 3996 |
| 5 chrB2.113535A | G | 0.01023 | 4006 |
| 5 chrB2.113561A | C | 0.4335 | 4002 |
| 5 chrB2.113624G | A | 0.2087 | 3996 |
| 5 chrB2.113645A | G | 0.1026 | 3938 |
| 5 chrB2.113682G | A | 0.4337 | 3892 |
| 5 chrB2.113725G | A | 0.1063 | 3744 |
| 5 chrB2.113782G | A | 0.01398 | 4006 |
| 5 chrB2.113837G | A | 0.3589 | 3954 |
| 5 chrB2.113845G | A | 0.3837 | 3948 |
| 5 chrB2.113875A | G | 0.039 | 3744 |
| 5 chrB2.113925 | 0 G | 0 | 3982 |
| 5 chrB2.113926A | G | 0.01029 | 3984 |
| 5 chrB2.113955A | G | 0.1717 | 3990 |
| 5 chrB2.113997A | G | 0.4442 | 4000 |
| 5 chrB2.114028C | A | 0.1681 | 4004 |
| 5 chrB2.114067A | G | 0.365 | 3992 |
| 5 chrB2.114125G | A | 0.2621 | 4002 |
| 5 chrB2.114185 | 0 C | 0 | 4004 |
| 5 chrB2.114206G | A | 0.002499 | 4002 |
| 5 chrB2.114218A | G | 0.06394 | 4004 |
| 5 chrB2.114254G | A | 0.4773 | 4006 |
| 5 chrB2.114296G | A | 0.1751 | 3918 |
| 5 chrB2.114355A | G | 0.1775 | 3950 |
| 5 chrB2.114415G | A | 0.1499 | 4002 |
| 5 chrB2.114446G | A | 0.4471 | 3988 |
| 5 chrB2.114485A | G | 0.1988 | 4000 |
| 5 chrB2.114514C | A | 0.4872 | 3992 |

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| 5 chrB2.114577A | G | 0.1308 | 4000 |
| 5 chrB2.114673A | C | 0.1213 | 3892 |
| 5 chrB2.114713A | G | 0.4422 | 4000 |
| 5 chrB2.114748C | A | 0.2516 | 3950 |
| 5 chrB2.114781A | G | 0.4713 | 4006 |
| 5 chrB2.114826G | A | 0.07746 | 3976 |
| 5 chrB2.114867A | G | 0.09203 | 3966 |
| 5 chrB2.114919A | C | 0.456 | 4000 |
| 5 chrB2.114979A | G | 0.1183 | 4008 |
| 5 chrB2.115011G | A | 0.4214 | 3996 |
| 5 chrB2.115039A | G | 0.2296 | 3980 |
| 5 chrB2.115078G | A | 0.1532 | 4000 |
| 5 chrB2.115131G | A | 0.08229 | 3998 |
| 5 chrB2.115156C | A | 0.1145 | 3992 |
| 5 chrB2.115186 | 0 A | 0 | 4010 |
| 5 chrB2.115205G | A | 0.2094 | 3998 |
| 5 chrB2.115238A | C | 0.1281 | 3842 |
| 5 chrB2.115309G | A | 0.3806 | 4004 |
| 5 chrB2.115336G | A | 0.1206 | 3990 |
| 5 chrB2.115425G | A | 0.1915 | 3980 |
| 5 chrB2.115458G | A | 0.2514 | 4006 |
| 5 chrB2.115540C | A | 0.1767 | 4006 |
| 5 chrB2.115574G | A | 0.1542 | 3832 |
| 5 chrB2.115598A | G | 0.2024 | 4002 |
| 5 chrB2.115634A | G | 0.001636 | 3668 |
| 5 chrB2.115697G | A | 0.4648 | 4010 |
| 5 chrB2.115720A | G | 0.3189 | 3920 |
| 5 chrB2.115750G | A | 0.2756 | 3912 |
| 5 chrB2.115774C | A | 0.3987 | 3780 |
| 5 chrB2.115813G | A | 0.4423 | 4002 |
| 5 chrB2.115860 | 0 G | 0 | 4006 |
| 5 chrB2.115898G | A | 0.46 | 4000 |
| 5 chrB2.115939A | G | 0.3538 | 4002 |
| 5 chrB2.116004A | G | 0.3474 | 3984 |
| 5 chrB2.116066A | G | 0.2996 | 4002 |
| 5 chrB2.116097G | A | 0.07819 | 3952 |
| 5 chrB2.116143G | A | 0.352 | 4000 |
| 5 chrB2.116205A | G | 0.1972 | 3814 |
| 5 chrB2.116228A | G | 0.2735 | 3956 |
| 5 chrB2.116300C | A | 0.212 | 4000 |
| 5 chrB2.116396G | A | 0.2025 | 3986 |

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| 5 chrB2.116463A | G | 0.008794 | 3980 |
| 5 chrB2.116501A | C | 0.06868 | 4004 |
| 5 chrB2.116526G | A | 0.0342 | 4006 |
| 5 chrB2.116554G | A | 0.404 | 3936 |
| 5 chrB2.116590G | A | 0.02432 | 3988 |
| 5 chrB2.116627A | G | 0.2056 | 3934 |
| 5 chrB2.116653G | A | 0.07346 | 4002 |
| 5 chrB2.116693A | G | 0.413 | 4002 |
| 5 chrB2.116736A | G | 0.3974 | 3966 |
| 5 chrB2.116776G | A | 0.3326 | 4002 |
| 5 chrB2.116800A | G | 0.2531 | 3864 |
| 5 chrB2.116857G | A | 0.2901 | 3912 |
| 5 chrB2.116917G | A | 0.4363 | 4000 |
| 5 chrB3.501482G | A | 0.4685 | 4002 |
| 5 chrB2.116997G | A | 0.3838 | 3994 |
| 5 chrB2.117030A | G | 0.003009 | 3988 |
| 5 chrB2.117047A | C | 0.3807 | 3972 |
| 5 chrB2.117105A | C | 0.2259 | 3976 |
| 5 chrB2.117133G | A | 0.448 | 3942 |
| 5 chrB2.117161A | G | 0.3543 | 4002 |
| 5 chrB2.117219A | G | 0.2816 | 3910 |
| 5 chrB2.117249A | C | 0.2064 | 3944 |
| 5 chrB2.117283G | A | 0.1942 | 3980 |
| 5 chrB2.117360A | G | 0.03998 | 4002 |
| 5 chrB2.117390G | A | 0.1163 | 3982 |
| 5 chrB2.117422G | A | 0.06272 | 3922 |
| 5 chrB2.117477C | A | 0.2006 | 3998 |
| 5 chrUn.302210A | G | 0.2942 | 4004 |
| 5 chrB2.117530C | A | 0.2258 | 4004 |
| 5 chrB2.117559C | A | 0.3042 | 4004 |
| 5 chrB2.117634A | G | 0.06923 | 3828 |
| 5 chrB2.117689C | A | 0.3462 | 4006 |
| 5 chrB2.117744A | G | 0.1128 | 3970 |
| 5 chrB2.117769G | A | 0.3994 | 3998 |
| 5 chrB2.117803G | A | 0.3016 | 4008 |
| 5 chrB2.117848A | G | 0.2408 | 4000 |
| 5 chrB2.117887G | A | 0.3704 | 4004 |
| 5 chrB2.117922A | G | 0.2634 | 4002 |
| 5 chrB2.117978G | A | 0.4845 | 3996 |
| 5 chrB2.118027A | G | 0.4857 | 3988 |
| 5 chrB2.118059A | G | 0.1129 | 3994 |

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| 5 chrB2.118113G | A | 0.2389 | 4002 |
| 5 chrB2.118177G | A | 0.04782 | 3994 |
| 5 chrB2.118299A | G | 0.007372 | 3934 |
| 5 chrB2.118352G | A | 0.2118 | 3990 |
| 5 chrB2.118365G | A | 0.3619 | 3998 |
| 5 chrB2.118458A | G | 0.161 | 4006 |
| 5 chrB2.118501A | G | 0.08325 | 3928 |
| 5 chrB2.118528G | A | 0.04294 | 4006 |
| 5 chrB2.118613G | A | 0.3068 | 3996 |
| 5 chrB2.118643G | A | 0.04474 | 3822 |
| 5 chrB2.118682A | G | 0.05322 | 4002 |
| 5 chrB2.118727A | G | 0.05303 | 3998 |
| 5 chrB2.118772C | A | 0.1962 | 3980 |
| 5 chrUn.610911G | A | 0.1517 | 3994 |
| 5 chrB2.118851A | G | 0.1761 | 4010 |
| 5 chrB2.118904A | G | 0.2195 | 3790 |
| 5 chrB2.118931A | G | 0.2469 | 3994 |
| 5 chrB2.118999G | A | 0.1056 | 3950 |
| 5 chrB2.119078A | G | 0.3416 | 3964 |
| 5 chrB2.119102G | A | 0.1903 | 4000 |
| 5 chrB2.119134A | G | 0.3133 | 3968 |
| 5 chrB2.119168A | G | 0.1979 | 4008 |
| 5 chrB2.119197G | A | 0.08932 | 4008 |
| 5 chrB2.119221A | G | 0.1252 | 4008 |
| 5 chrB2.119255A | G | 0.1452 | 4002 |
| 5 chrD2.322121A | G | 0.05242 | 4006 |
| 5 chrUn.589671G | A | 0.02949 | 3832 |
| 5 chrB2.119298G | A | 0.3051 | 4002 |
| 5 chrB2.119330A | G | 0.141 | 4000 |
| 5 chrB2.119368G | A | 0.4444 | 3996 |
| 5 chrB2.119421A | G | 0.1186 | 3658 |
| 5 chrB2.119493A | G | 0.3109 | 4008 |
| 5 chrB2.119539G | A | 0.4778 | 4008 |
| 5 chrB2.119677G | A | 0.2009 | 4002 |
| 5 chrB2.119707A | G | 0.46 | 4004 |
| 5 chrB2.119745A | G | 0.04715 | 3648 |
| 5 chrB2.119773G | A | 0.004505 | 3996 |
| 5 chrB2.119806G | A | 0.0295 | 4000 |
| 5 chrB2.119806G | A | 0.003498 | 4002 |
| 5 chrB2.119894A | G | 0.1413 | 3998 |
| 5 chrB2.119943C | A | 0.06942 | 3990 |

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|-----------------|-----|-----------|------|
| 5 chrB2.11999C | G | 0.2994 | 4008 |
| 5 chrB2.120014A | G | 0.3221 | 3996 |
| 5 chrB2.120054A | G | 0.1751 | 4004 |
| 5 chrB2.120075G | A | 0.1549 | 3978 |
| 5 chrUn.77241!G | A | 0.0004988 | 4010 |
| 5 chrB2.120171G | A | 0.1165 | 4000 |
| 5 chrB2.120206G | A | 0.2456 | 3962 |
| 5 chrB2.120295C | A | 0.1234 | 3986 |
| 5 chrB2.12040C | G | 0.3219 | 4004 |
| 5 chrB2.120455G | A | 0.3556 | 3976 |
| 5 chrB2.120517A | G | 0.02824 | 4002 |
| 5 chrB2.120555A | C | 0.3991 | 4004 |
| 5 chrB2.120605A | C | 0.3242 | 3998 |
| 5 chrB2.120634A | G | 0.2398 | 4000 |
| 5 chrB2.120661G | A | 0.08691 | 4004 |
| 5 chrB2.120717A | G | 0.1983 | 4000 |
| 5 chrB2.120766A | G | 0.2378 | 3990 |
| 5 chrB2.120807G | A | 0.1256 | 3982 |
| 5 chrB2.120851A | G | 0.1313 | 3968 |
| 5 chrUn.75472!G | A | 0.2186 | 3998 |
| 5 chrUn.58382!G | A | 0.2089 | 3872 |
| 5 chrUn.69995G | A | 0.2187 | 3978 |
| 5 chrUn12.135!G | A | 0.04225 | 4000 |
| 5 chrUn12.135!G | A | 0.3143 | 3936 |
| 5 chrUn12.136!A | C | 0.08258 | 3984 |
| 5 chrUn12.136!G | A | 0.3749 | 4004 |
| 5 chrUn12.136!A | G | 0.3249 | 3992 |
| 5 chrUn12.137!A | G | 0.218 | 4000 |
| 5 chrUn12.137G | A | 0.2067 | 4006 |
| 5 chrUn12.137!A | G | 0.1203 | 3990 |
| 5 chrUn12.1384A | G | 0.04203 | 3854 |
| 5 chrUn12.138!A | G | 0.163 | 3982 |
| 5 chrUn12.140!G | A | 0.1866 | 3772 |
| 5 chrUn12.140!A | G | 0.06727 | 3954 |
| 5 chrUn12.140G | A | 0.3036 | 4002 |
| 5 chrUn12.141C | A | 0.1201 | 3664 |
| 5 chrUn12.141!G | A | 0.4347 | 3998 |
| 5 chrUn12.142C | A | 0.06782 | 3996 |
| 5 chrUn12.142A | G | 0.1097 | 3874 |
| 5 chrUn12.142! | 0 G | 0 | 4002 |
| 5 chrUn12.142!A | G | 0.2747 | 3928 |

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| 5 chrUn12.143:A | C | 0.056 | 4000 |
| 5 chrUn12.143:A | C | 0.3596 | 4004 |
| 5 chrUn12.144:A | G | 0.1889 | 4008 |
| 5 chrUn12.144:A | G | 0.2092 | 3930 |
| 5 chrUn12.145:A | G | 0.02526 | 3998 |
| 5 chrUn12.145:A | G | 0.3374 | 3998 |
| 5 chrUn12.145:C | A | 0.1597 | 4008 |
| 5 chrUn12.146:A | C | 0.249 | 4000 |
| 5 chrUn12.146:A | C | 0.2923 | 4000 |
| 5 chrUn12.146:G | A | 0.05669 | 4004 |
| 5 chrUn12.147:C | A | 0.4284 | 3992 |
| 5 chrUn12.147:G | A | 0.3049 | 3978 |
| 5 chrUn12.148:G | A | 0.334 | 3994 |
| 5 chrUn.11687:G | A | 0.4273 | 4000 |
| 5 chrUn12.148:G | A | 0.1367 | 3776 |
| 5 chrUn12.148:A | G | 0.4807 | 3998 |
| 5 chrUn12.149:G | A | 0.4912 | 4000 |
| 5 chrUn12.149:G | A | 0.4702 | 3960 |
| 5 chrUn12.150:A | G | 0.4419 | 3990 |
| 5 chrUn12.150:G | A | 0.3992 | 3990 |
| 5 chrUn12.150:A | G | 0.2193 | 3994 |
| 5 chrUn12.151:A | G | 0.1448 | 3998 |
| 5 chrUn12.151:G | A | 0.2003 | 3994 |
| 5 chrUn12.152:A | G | 0.4856 | 3968 |
| 5 chrUn12.152:A | G | 0.2658 | 3894 |
| 5 chrUn12.152:A | C | 0.2544 | 3978 |
| 5 chrUn12.153:A | C | 0.4298 | 4004 |
| 5 chrUn.63646:A | G | 0.2092 | 3992 |
| 5 chrUn12.153:G | A | 0.3334 | 3992 |
| 5 chrUn12.154:A | G | 0.2797 | 4004 |
| 5 chrUn.45639:G | A | 0.1659 | 3996 |
| 5 chrUn12.154:A | G | 0.2555 | 3874 |
| 5 chrUn12.155:C | A | 0.1743 | 3994 |
| 5 chrUn12.155:G | A | 0.1376 | 3990 |
| 5 chrUn12.155:A | G | 0.1143 | 4008 |
| 5 chrUn12.156:G | A | 0.123 | 3966 |
| 5 chrUn12.156:A | C | 0.1468 | 3936 |
| 5 chrUn12.157:G | A | 0.486 | 4002 |
| 5 chrUn12.157:A | G | 0.1968 | 4004 |
| 5 chrUn12.158:G | A | 0.08188 | 4006 |
| 5 chrUn12.158:G | A | 0.4429 | 3990 |

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| 5 chrUn12.159:G | A | 0.4103 | 3992 |
| 5 chrUn12.159:A | G | 0.4148 | 3918 |
| 5 chrUn12.159:G | A | 0.1793 | 3988 |
| 5 chrUn12.160:C | A | 0.272 | 4000 |
| 5 chrUn12.160:G | A | 0.07114 | 4006 |
| 5 chrUn12.160:G | A | 0.05139 | 3872 |
| 5 chrA2.11983:G | A | 0.3351 | 4002 |
| 5 chrUn12.161:G | A | 0.2221 | 3972 |
| 5 chrUn12.161:G | A | 0.3897 | 3998 |
| 5 chrUn12.161:A | G | 0.01297 | 4010 |
| 5 chrUn12.162:C | A | 0.02324 | 4002 |
| 5 chrUn.26885:G | A | 0.3885 | 3776 |
| 5 chrUn12.162: | 0 G | 0 | 4008 |
| 5 chrUn12.162:C | A | 0.2724 | 3814 |
| 5 chrUn12.162:A | C | 0.2265 | 4004 |
| 5 chrUn12.163:A | G | 0.3199 | 4004 |
| 5 chrUn12.163:C | A | 0.1216 | 4004 |
| 5 chrUn12.164:G | A | 0.1801 | 4004 |
| 5 chrUn12.164:A | G | 0.0965 | 4000 |
| 5 chrUn12.164:G | A | 0.4364 | 3992 |
| 5 chrUn12.165:A | G | 0.3212 | 3994 |
| 5 chrUn12.166:G | A | 0.155 | 4000 |
| 5 chrUn12.166:G | A | 0.2566 | 3990 |
| 5 chrUn12.167:G | A | 0.3502 | 3986 |
| 5 chrUn12.167:A | G | 0.2503 | 3992 |
| 5 chrUn12.168:A | G | 0.4379 | 3996 |
| 5 chrUn12.169:A | G | 0.06933 | 4010 |
| 5 chrUn12.169:G | A | 0.3678 | 4002 |
| 5 chrUn12.169:G | A | 0.3349 | 4004 |
| 5 chrUn12.170:G | A | 0.08772 | 3876 |
| 5 chrUn12.170:A | G | 0.3374 | 3992 |
| 5 chrUn12.171:A | G | 0.1415 | 3980 |
| 5 chrUn12.172:A | G | 0.09434 | 3678 |
| 5 chrUn12.172:A | G | 0.2517 | 4004 |
| 5 chrUn12.173:C | A | 0.07329 | 3998 |
| 5 chrUn12.173:A | G | 0.3604 | 3996 |
| 5 chrUn.29422:G | A | 0.09048 | 3846 |
| 5 chrUn12.173:A | G | 0.2245 | 3996 |
| 5 chrUn12.174:G | A | 0.09688 | 3974 |
| 5 chrUn12.174:G | A | 0.3387 | 4000 |
| 5 chrUn12.174:A | G | 0.2234 | 3966 |

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| 5 chrUn12.175:A | G | 0.3753 | 3992 |
| 5 chrUn12.176:C | A | 0.4354 | 3976 |
| 5 chrUn12.176:A | G | 0.1577 | 3994 |
| 5 chrUn12.177:G | A | 0.1087 | 3936 |
| 5 chrUn12.178:C | A | 0.1438 | 3992 |
| 5 chrUn12.178:G | A | 0.3712 | 3992 |
| 5 chrUn12.178:A | C | 0.3571 | 3996 |
| 5 chrUn12.179:G | A | 0.3518 | 3928 |
| 5 chrUn12.179:A | G | 0.1746 | 3912 |
| 5 chrUn12.180:G | A | 0.4311 | 3994 |
| 5 chrUn12.180:G | A | 0.1251 | 3988 |
| 5 chrUn12.181:A | G | 0.1519 | 4008 |
| 5 chrUn12.182:G | A | 0.4057 | 3944 |
| 5 chrUn12.182:A | G | 0.1607 | 4002 |
| 5 chrUn12.182:G | A | 0.2616 | 3938 |
| 5 chrUn12.183:C | A | 0.2127 | 3986 |
| 5 chrUn1.6387:G | A | 0.3247 | 4000 |
| 5 chrUn1.6492:G | A | 0.3869 | 3998 |
| 5 chrUn1.6752:A | C | 0.4313 | 3972 |
| 5 chrUn1.6855:G | A | 0.4142 | 3928 |
| 5 chrUn1.6975:G | A | 0.09331 | 4008 |
| 5 chrUn1.7041:C | A | 0.1073 | 3802 |
| 5 chrUn1.6805:A | G | 0.1193 | 3840 |
| 5 chrUn1.7002:G | A | 0.07692 | 4004 |
| 5 chrUn1.7107:A | G | 0.08943 | 3992 |
| 5 chrUn1.7136:G | A | 0.3665 | 3964 |
| 5 chrUn1.7191:A | G | 0.3225 | 4000 |
| 5 chrUn1.7248:A | G | 0.02548 | 3886 |
| 5 chrUn1.7303:A | G | 0.1689 | 3800 |
| 5 chrUn1.7354:G | A | 0.3886 | 3984 |
| 5 chrUn1.7413:A | G | 0.419 | 3990 |
| 5 chrUn1.7469:G | A | 0.3609 | 3998 |
| 5 chrUn1.7531:A | G | 0.1881 | 3998 |
| 5 chrUn1.7654:G | A | 0.3258 | 3996 |
| 5 chrUn1.7679:A | G | 0.1514 | 4002 |
| 5 chrUn1.7770:A | G | 0.3928 | 3918 |
| 5 chrUn1.7806:A | G | 0.002494 | 4010 |
| 5 chrUn1.7852:A | G | 0.1818 | 3954 |
| 5 chrUn1.7927:G | A | 0.2624 | 3960 |
| 5 chrUn.44414:A | C | 0.181 | 3890 |
| 5 chrUn.67207:G | A | 0.4909 | 3968 |

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|----------------|---|-----|---------|------|
| 5 chrD1.782807 | G | A | 0.1767 | 3938 |
| 5 chrUn.706313 | A | G | 0.2522 | 4004 |
| 5 chrUn.474341 | A | G | 0.264 | 3928 |
| 5 chrC2.349277 | G | A | 0.2164 | 3992 |
| 5 chrUn.279887 | A | G | 0.3879 | 3980 |
| 5 chrUn.419350 | G | 0 G | 0 | 4010 |
| 5 chrUn.419341 | A | G | 0.2996 | 3988 |
| 5 chrUn.224837 | G | A | 0.1466 | 3998 |
| 5 chrB2.136472 | A | G | 0.2092 | 3848 |
| 5 chrB2.136516 | A | G | 0.3273 | 4000 |
| 5 chrB2.136541 | G | A | 0.4637 | 3972 |
| 5 chrB2.136586 | A | G | 0.1119 | 3924 |
| 5 chrB2.136633 | C | A | 0.1624 | 3830 |
| 5 chrB2.136658 | A | G | 0.4803 | 4002 |
| 5 chrUn.246157 | A | G | 0.4885 | 4000 |
| 5 chrB2.136724 | A | G | 0.07189 | 4006 |
| 5 chrB2.136763 | G | A | 0.354 | 4000 |
| 5 chrB2.136827 | A | G | 0.2142 | 3996 |
| 5 chrB2.136855 | G | A | 0.3196 | 3996 |
| 5 chrB2.136932 | A | G | 0.2241 | 3980 |
| 5 chrB2.136947 | G | A | 0.02605 | 3992 |
| 5 chrB2.136962 | A | G | 0.1489 | 3982 |
| 5 chrB2.137002 | A | G | 0.1715 | 3760 |
| 5 chrB2.137026 | G | A | 0.3598 | 4000 |
| 5 chrB2.137046 | G | A | 0.1531 | 4004 |
| 5 chrB2.137096 | G | A | 0.06843 | 4004 |
| 5 chrB2.137147 | A | G | 0.0296 | 3986 |
| 5 chrB2.137237 | G | A | 0.1254 | 3820 |
| 5 chrB2.137286 | A | G | 0.3154 | 4004 |
| 5 chrUn.756479 | A | G | 0.3092 | 3836 |
| 5 chrB2.137335 | A | G | 0.4737 | 3994 |
| 5 chrB2.137376 | C | A | 0.4925 | 3976 |
| 5 chrB2.137412 | A | G | 0.0345 | 4000 |
| 5 chrB2.137468 | C | A | 0.03998 | 3852 |
| 5 chrB2.137477 | A | G | 0.2889 | 4002 |
| 5 chrB2.137500 | C | G | 0.2319 | 4002 |
| 5 chrB2.137530 | C | G | 0.207 | 3996 |
| 5 chrB2.137623 | A | G | 0.08333 | 3972 |
| 5 chrB2.137672 | A | G | 0.4169 | 3984 |
| 5 chrB2.137719 | A | G | 0.04017 | 4008 |
| 5 chrB2.137747 | G | A | 0.3526 | 3922 |

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| 5 chrB2.137815A | G | 0.2628 | 3988 |
| 5 chrB2.137856A | G | 0.04258 | 3852 |
| 5 chrB2.137894G | A | 0.09281 | 4008 |
| 5 chrB2.137961A | G | 0.006332 | 3948 |
| 5 chrB2.138018A | G | 0.08059 | 4008 |
| 5 chrB2.138048A | G | 0.03766 | 3638 |
| 5 chrB2.138084A | G | 0.2511 | 4010 |
| 5 chrB2.138101A | G | 0.03223 | 4002 |
| 5 chrB2.138144C | A | 0.09466 | 4004 |
| 5 chrD3.101292G | A | 0.3174 | 4004 |
| 5 chrD3.101217G | A | 0.2365 | 4000 |
| 5 chrB2.138235A | G | 0.3003 | 3996 |
| 5 chrD3.101049G | A | 0.3593 | 3944 |
| 5 chrD3.101008A | G | 0.1953 | 3998 |
| 5 chrB2.138318G | A | 0.3164 | 4004 |
| 5 chrD3.100947G | A | 0.1689 | 3990 |
| 5 chrB2.138351G | A | 0.1985 | 3920 |
| 5 chrD3.100897A | G | 0.04771 | 3710 |
| 5 chrD3.100747A | G | 0.3861 | 4002 |
| 5 chrB2.138487G | A | 0.09295 | 4002 |
| 5 chrD3.100558G | A | 0.07454 | 3998 |
| 5 chrD3.100529G | A | 0.4665 | 4000 |
| 5 chrD3.100477A | C | 0.3632 | 3954 |
| 5 chrD3.100402G | A | 0.1542 | 4002 |
| 5 chrD3.100285A | G | 0.0339 | 3982 |
| 5 chrD3.100214C | A | 0.3082 | 3998 |
| 5 chrD3.100129A | C | 0.1936 | 3988 |
| 5 chrD3.100047A | G | 0.229 | 4008 |
| 5 chrD3.999541G | A | 0.1618 | 4000 |
| 5 chrUn1.80407A | G | 0.4327 | 3996 |
| 5 chrD3.998475A | G | 0.3206 | 4002 |
| 5 chrD3.997491A | C | 0.06021 | 3986 |
| 5 chrD3.997004A | G | 0.1562 | 3996 |
| 5 chrD3.994615C | A | 0.03023 | 4002 |
| 5 chrD3.993715A | G | 0.1164 | 3944 |
| 5 chrD3.992567G | A | 0.05884 | 3994 |
| 5 chrD3.991277G | A | 0.1561 | 4004 |
| 5 chrD3.990137G | A | 0.2672 | 4000 |
| 5 chrD3.989215G | A | 0.1216 | 3676 |
| 5 chrUn1.81128C | A | 0.2489 | 4006 |
| 5 chrUn.813137G | A | 0.1715 | 3964 |

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|-----------------|-----|---------|------|
| 5 chrUn1.1358(A | G | 0.2766 | 3984 |
| 5 chrUn1.1382(A | C | 0.00778 | 3856 |
| 5 chrUn1.8135(A | G | 0.1158 | 4000 |
| 5 chrUn1.1481(C | A | 0.2773 | 3888 |
| 5 chrUn1.1508(A | G | 0.3552 | 4006 |
| 5 chrUn.78631(A | G | 0.4338 | 4004 |
| 5 chrUn1.1644(A | G | 0.1056 | 4004 |
| 5 chrUn1.1674(A | G | 0.163 | 3994 |
| 5 chrUn1.1776(A | G | 0.3486 | 3896 |
| 5 chrUn1.1810(A | G | 0.05572 | 4002 |
| 5 chrUn1.1960(A | C | 0.08918 | 3992 |
| 5 chrUn1.2054(A | G | 0.1216 | 4006 |
| 5 chrUn1.2184(A | G | 0.4432 | 3996 |
| 5 chrUn1.2219(A | G | 0.2059 | 3992 |
| 5 chrUn1.2484(A | G | 0.104 | 3674 |
| 5 chrUn1.2515(A | G | 0.08209 | 4008 |
| 5 chrUn1.2638(A | G | 0.2591 | 4006 |
| 5 chrUn1.2719(A | G | 0.1495 | 3992 |
| 5 chrUn1.2800(G | A | 0.4717 | 3924 |
| 5 chrUn1.2959(C | A | 0.04423 | 4002 |
| 5 chrUn12.380(A | G | 0.04258 | 3852 |
| 5 chrUn12.356(A | G | 0.4585 | 4000 |
| 5 chrUn1.3166(C | A | 0.3585 | 4000 |
| 5 chrUn1.3199(A | G | 0.3668 | 4000 |
| 5 chrUn1.5940 A | G | 0.1064 | 4004 |
| 5 chrUn1.3359(A | G | 0.1292 | 3970 |
| 5 chrUn1.3417(G | A | 0.4118 | 3946 |
| 5 chrUn1.3453(A | G | 0.3581 | 4010 |
| 5 chrUn1.3488(A | G | 0.3856 | 3994 |
| 5 chrUn1.3523(G | A | 0.1789 | 3986 |
| 5 chrUn1.3526(| 0 G | 0 | 4004 |
| 5 chrUn1.3561(G | A | 0.02678 | 3996 |
| 5 chrUn1.3588(C | A | 0.4202 | 3970 |
| 5 chrUn1.3678(G | A | 0.03613 | 3958 |
| 5 chrUn1.3708(G | A | 0.1554 | 3982 |
| 5 chrUn1.3752(A | G | 0.0938 | 3998 |
| 5 chrUn1.3778(A | C | 0.187 | 3904 |
| 5 chrD2.10643(A | G | 0.2241 | 4008 |
| 5 chrUn1.3886(A | C | 0.2183 | 4004 |
| 5 chrUn.64234(| 0 G | 0 | 4010 |
| 5 chrUn1.3972(G | A | 0.1971 | 3978 |

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|-----------------|---|---------|------|
| 5 chrUn1.40883G | A | 0.4763 | 4000 |
| 5 chrUn1.41369G | A | 0.2936 | 3948 |
| 5 chrUn1.41667A | G | 0.3381 | 4002 |
| 5 chrB2.138539C | A | 0.123 | 3966 |
| 5 chrB2.138564A | C | 0.1079 | 3948 |
| 5 chrB2.138615A | G | 0.3271 | 3984 |
| 5 chrB2.138685G | A | 0.1811 | 3986 |
| 5 chrB2.138711C | A | 0.1377 | 3986 |
| 5 chrB2.138759C | A | 0.3544 | 3956 |
| 5 chrB2.138888G | A | 0.2225 | 4000 |
| 5 chrB2.138929A | G | 0.3574 | 4004 |
| 5 chrB2.138972G | A | 0.456 | 4000 |
| 5 chrB2.138999A | G | 0.1588 | 4000 |
| 5 chrB2.139081A | G | 0.1347 | 4008 |
| 5 chrB2.139112C | A | 0.3241 | 3986 |
| 5 chrB2.139145A | G | 0.187 | 3914 |
| 5 chrB2.139260G | A | 0.2358 | 3986 |
| 5 chrB2.139310C | A | 0.3641 | 3944 |
| 5 chrB2.139336A | C | 0.1486 | 3998 |
| 5 chrB2.139382A | G | 0.08766 | 4004 |
| 5 chrB2.139455A | G | 0.1391 | 3990 |
| 5 chrB2.139491G | A | 0.401 | 4002 |
| 5 chrB2.139535G | A | 0.1254 | 4004 |
| 5 chrB2.139602G | A | 0.1182 | 3984 |
| 5 chrB2.139559C | A | 0.2012 | 3962 |
| 5 chrB2.139563G | A | 0.2245 | 3964 |
| 5 chrB2.139626A | G | 0.1799 | 3974 |
| 5 chrB2.139696A | G | 0.2801 | 3898 |
| 5 chrB2.139829G | A | 0.1702 | 3996 |
| 5 chrB2.139865C | A | 0.4627 | 3998 |
| 5 chrB2.139908A | C | 0.06119 | 4004 |
| 5 chrB2.140042G | A | 0.05364 | 4008 |
| 5 chrB2.140068G | A | 0.324 | 4000 |
| 5 chrB2.140124G | A | 0.4301 | 3990 |
| 5 chrB2.140175G | A | 0.164 | 3970 |
| 5 chrB2.140232G | A | 0.1119 | 4002 |
| 5 chrB2.140273G | A | 0.1013 | 4008 |
| 5 chrB2.140363G | A | 0.4445 | 4000 |
| 5 chrB2.140374A | G | 0.2894 | 3984 |
| 5 chrB2.140396A | G | 0.235 | 3898 |
| 5 chrB2.140423A | G | 0.02431 | 3866 |

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| 5 chrB2.140456A | C | 0.3707 | 3984 |
| 5 chrB2.140497G | A | 0.4011 | 3972 |
| 5 chrB2.140527A | G | 0.3269 | 3974 |
| 5 chrB2.140555A | G | 0.2454 | 4002 |
| 5 chrB2.140594A | G | 0.1545 | 3994 |
| 5 chrB2.140640A | G | 0.4422 | 3998 |
| 5 chrB2.140675A | G | 0.3789 | 4006 |
| 5 chrB2.140699G | A | 0.1165 | 4000 |
| 5 chrB2.140741A | G | 0.1012 | 3804 |
| 5 chrB2.140745A | C | 0.1609 | 4002 |
| 5 chrB2.140791A | G | 0.1372 | 3966 |
| 5 chrB2.140820G | A | 0.4114 | 4006 |
| 5 chrB2.140897G | A | 0.285 | 4000 |
| 5 chrB2.140929C | A | 0.005558 | 3958 |
| 5 chrB2.140968G | A | 0.008254 | 3998 |
| 5 chrB2.141032A | G | 0.3998 | 3972 |
| 5 chrB2.141056G | A | 0.208 | 4004 |
| 5 chrB2.141140A | G | 0.4913 | 4002 |
| 5 chrB2.141177A | C | 0.3194 | 3982 |
| 5 chrB2.141240C | A | 0.4365 | 4002 |
| 5 chrB2.141269C | A | 0.3414 | 3990 |
| 5 chrB2.141317A | G | 0.1438 | 3852 |
| 5 chrB2.141380G | A | 0.03736 | 3828 |
| 5 chrB2.141420G | A | 0.2514 | 3962 |
| 5 chrB2.141448A | G | 0.08733 | 4008 |
| 5 chrB2.141451A | G | 0.4289 | 3980 |
| 5 chrB2.141487G | A | 0.08948 | 3766 |
| 5 chrUn.781050A | G | 0.4883 | 3942 |
| 5 chrB2.141548G | A | 0.38 | 3958 |
| 5 chrB2.141594A | G | 0.2667 | 3982 |
| 5 chrB2.141675A | G | 0.4457 | 4000 |
| 5 chrB2.141725A | C | 0.1527 | 4008 |
| 5 chrB2.141767C | A | 0.005 | 4000 |
| 5 chrB2.141798G | A | 0.2163 | 3986 |
| 5 chrUn.788658A | G | 0.3595 | 4000 |
| 5 chrB2.141881G | A | 0.1558 | 3992 |
| 5 chrB2.141915G | A | 0.1583 | 3986 |
| 5 chrB2.141940A | G | 0.03272 | 3942 |
| 5 chrB2.141997G | A | 0.495 | 4004 |
| 5 chrB2.142046A | G | 0.4317 | 3996 |
| 5 chrB2.142087A | G | 0.03169 | 4008 |

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| 5 chrB2.142127A | C | 0.1201 | 4004 |
| 5 chrB2.142146G | A | 0.1269 | 4010 |
| 5 chrB2.142208A | G | 0.1367 | 4002 |
| 5 chrB2.142248A | C | 0.2114 | 3988 |
| 5 chrB2.142273G | A | 0.1847 | 4006 |
| 5 chrB2.142300A | G | 0.2275 | 4000 |
| 5 chrB2.142381G | A | 0.1504 | 4010 |
| 5 chrB2.142482G | A | 0.2974 | 3954 |
| 5 chrB2.142543G | A | 0.2816 | 3998 |
| 5 chrB2.142614G | A | 0.1556 | 3926 |
| 5 chrB2.142666A | G | 0.08292 | 4004 |
| 5 chrB2.142739A | G | 0.0984 | 4004 |
| 5 chrUn.662267G | A | 0.1525 | 3948 |
| 5 chrB2.142822A | G | 0.1507 | 3994 |
| 5 chrB2.142851G | A | 0.03295 | 4006 |
| 5 chrB2.142896A | G | 0.425 | 4000 |
| 5 chrB2.142927G | A | 0.1224 | 3996 |
| 5 chrB2.143034A | G | 0.3613 | 4000 |
| 5 chrB2.143095C | A | 0.004491 | 4008 |
| 5 chrB2.143139G | A | 0.3388 | 3902 |
| 5 chrB2.143212G | A | 0.4697 | 3954 |
| 5 chrUn.464669C | A | 0.1063 | 3978 |
| 5 chrB2.143276G | A | 0.2013 | 4004 |
| 5 chrB2.143330C | A | 0.1849 | 4008 |
| 5 chrB2.143443A | G | 0.3812 | 3998 |
| 5 chrB2.143501G | A | 0.1791 | 4004 |
| 5 chrB2.143512C | A | 0.4633 | 3922 |
| 5 chrB2.143525G | A | 0.2839 | 3998 |
| 5 chrB2.143628G | A | 0.05872 | 4002 |
| 5 chrB2.143653A | G | 0.3629 | 3976 |
| 5 chrB2.143687G | A | 0.1745 | 4000 |
| 5 chrB2.143737A | G | 0.28 | 3996 |
| 5 chrB2.143763A | G | 0.1671 | 3962 |
| 5 chrB2.143811C | A | 0.282 | 3996 |
| 5 chrB2.143890A | C | 0.03395 | 4006 |
| 5 chrB2.143925A | G | 0.1776 | 3834 |
| 5 chrB2.143974A | G | 0.07932 | 3946 |
| 5 chrB2.144006A | G | 0.1675 | 3892 |
| 5 chrB2.144047A | G | 0.3975 | 3992 |
| 5 chrB2.144083A | C | 0.2153 | 3994 |
| 5 chrB2.144125G | A | 0.04099 | 3708 |

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| 5 chrB2.144155G | A | 0.0828 | 3732 |
| 5 chrB2.144189A | G | 0.3288 | 3990 |
| 5 chrB2.144223A | G | 0.2113 | 3918 |
| 5 chrB2.144265G | A | 0.4137 | 3942 |
| 5 chrB2.144298G | A | 0.1133 | 4006 |
| 5 chrB2.144331G | A | 0.2238 | 3994 |
| 5 chrB2.144364G | A | 0.4225 | 3960 |
| 5 chrB2.144388G | A | 0.3468 | 3968 |
| 5 chrB2.144416A | C | 0.4507 | 3978 |
| 5 chrB2.144447A | G | 0.1605 | 3988 |
| 5 chrB2.144494A | C | 0.2243 | 3982 |
| 5 chrB2.144586G | A | 0.3929 | 3976 |
| 5 chrB2.144648G | A | 0.3586 | 4004 |
| 5 chrB2.144681A | G | 0.3901 | 3996 |
| 5 chrB2.144737A | G | 0.477 | 3960 |
| 5 chrB2.144788 | 0 A | 0 | 4008 |
| 5 chrB2.144792G | A | 0.4774 | 3976 |
| 5 chrB2.144859A | G | 0.3617 | 3918 |
| 5 chrB2.144895G | A | 0.03817 | 4008 |
| 5 chrB2.144923A | G | 0.4805 | 4008 |
| 5 chrB2.144961G | A | 0.1274 | 3948 |
| 5 chrB2.145016C | A | 0.3048 | 4006 |
| 5 chrB2.145045G | A | 0.3834 | 3998 |
| 5 chrB2.145079A | G | 0.1298 | 4006 |
| 5 chrB2.145188A | G | 0.3744 | 3988 |
| 5 chrB2.145250A | C | 0.4119 | 3982 |
| 5 chrB2.145362G | A | 0.2119 | 3998 |
| 5 chrB2.145392G | A | 0.08666 | 4004 |
| 5 chrB2.145414A | C | 0.3722 | 3982 |
| 5 chrB2.145422G | A | 0.2625 | 3970 |
| 5 chrB2.145464A | G | 0.1729 | 3968 |
| 5 chrB2.145519G | A | 0.3084 | 3988 |
| 5 chrB2.145561G | A | 0.04254 | 3996 |
| 5 chrB2.145619G | A | 0.1402 | 4002 |
| 5 chrB2.145672A | G | 0.2357 | 3992 |
| 5 chrB2.145699G | A | 0.272 | 3952 |
| 5 chrB2.145724A | G | 0.02021 | 3810 |
| 5 chrB2.145749G | A | 0.446 | 3982 |
| 5 chrB2.145827G | A | 0.05162 | 3952 |
| 5 chrB2.145895G | A | 0.1863 | 4010 |
| 5 chrB2.145938A | C | 0.3754 | 3956 |

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| 5 chrB2.145979A | G | 0.07504 | 3998 |
| 5 chrB2.145991G | A | 0.458 | 3996 |
| 5 chrB2.146017A | G | 0.2451 | 3998 |
| 5 chrD4.336001A | G | 0.0249 | 3896 |
| 5 chrB2.146046A | G | 0.2702 | 4000 |
| 5 chrB2.146085G | A | 0.3874 | 3978 |
| 5 chrB2.146110A | G | 0.1831 | 4004 |
| 5 chrB2.146145A | G | 0.1242 | 3936 |
| 5 chrB2.146168G | A | 0.09218 | 3992 |
| 5 chrB2.146196C | A | 0.06722 | 4002 |
| 5 chrB2.146242A | G | 0.3489 | 3990 |
| 5 chrB2.146281C | A | 0.02273 | 4004 |
| 5 chrB2.146321A | G | 0.2104 | 4002 |
| 5 chrB2.146361G | A | 0.2079 | 3868 |
| 5 chrB2.146415A | G | 0.167 | 3994 |
| 5 chrB2.146445G | A | 0.3574 | 4004 |
| 5 chrB2.146466G | A | 0.3073 | 3964 |
| 5 chrB2.146560C | A | 0.2331 | 4002 |
| 5 chrB2.146596G | A | 0.2846 | 3988 |
| 5 chrB2.146635C | A | 0.4739 | 3992 |
| 5 chrB2.146646G | A | 0.002244 | 4010 |
| 5 chrB2.146648A | G | 0.4431 | 4004 |
| 5 chrB2.146660A | G | 0.03746 | 4004 |
| 5 chrB2.146764A | G | 0.1307 | 4002 |
| 5 chrB2.146819A | G | 0.4754 | 3940 |
| 5 chrB2.146845A | C | 0.1005 | 3982 |
| 5 chrB2.146919G | A | 0.266 | 4004 |
| 5 chrUn.651841A | G | 0.4009 | 4006 |
| 5 chrB2.146945A | G | 0.02556 | 3834 |
| 5 chrB2.146979A | G | 0.2205 | 4004 |
| 5 chrB2.147004C | A | 0.3078 | 3922 |
| 5 chrB2.147038A | G | 0.1978 | 4004 |
| 5 chrB2.147065G | A | 0.4577 | 3998 |
| 5 chrB2.147095A | G | 0.03566 | 3702 |
| 5 chrB2.147138G | A | 0.07704 | 3998 |
| 5 chrA2.144518G | A | 0.2417 | 3930 |
| 5 chrB2.147172A | C | 0.41 | 3954 |
| 5 chrB2.147221A | G | 0.1756 | 3992 |
| 5 chrB2.147270A | G | 0.2065 | 4004 |
| 5 chrB2.147297G | A | 0.4295 | 3930 |
| 5 chrB2.147355G | A | 0.1499 | 3908 |

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| 5 chrB2.147402A | G | 0.08134 | 4008 |
| 5 chrB2.147429G | A | 0.1502 | 4002 |
| 5 chrB2.147518G | A | 0.3475 | 3966 |
| 5 chrB2.147565C | A | 0.2422 | 3980 |
| 5 chrB2.147613G | A | 0.2599 | 3936 |
| 5 chrB2.147646G | A | 0.2307 | 3988 |
| 5 chrB2.147677G | A | 0.4125 | 3964 |
| 5 chrB2.147712A | G | 0.02772 | 4004 |
| 5 chrB2.147745G | A | 0.1936 | 4004 |
| 5 chrB2.147794G | A | 0.08393 | 3908 |
| 5 chrB2.147976G | A | 0.3557 | 3944 |
| 5 chrB2.148037A | G | 0.4402 | 4000 |
| 5 chrB2.148092C | A | 0.4038 | 3930 |
| 5 chrB2.148168A | C | 0.185 | 3990 |
| 5 chrB2.148168A | C | 0.2172 | 3974 |
| 5 chrB2.148195C | A | 0.3826 | 3926 |
| 5 chrB2.148220G | A | 0.1254 | 4002 |
| 5 chrB2.148225G | A | 0.3744 | 4006 |
| 5 chrA2.170295A | G | 0.113 | 4008 |
| 5 chrB2.148255A | G | 0.4701 | 3986 |
| 5 chrB2.148293A | G | 0.4344 | 3994 |
| 5 chrB2.148346A | G | 0.1324 | 4010 |
| 5 chrB2.148385A | G | 0.2439 | 4002 |
| 5 chrB2.148418C | A | 0.4304 | 3996 |
| 5 chrB2.148478G | A | 0.2351 | 3986 |
| 5 chrB2.148511G | A | 0.3865 | 4008 |
| 5 chrB2.148572G | A | 0.181 | 3984 |
| 5 chrB2.148630G | A | 0.2548 | 4000 |
| 5 chrB2.148685A | C | 0.3593 | 3938 |
| 5 chrE3.298185A | G | 0.05208 | 3994 |
| 5 chrE3.293685G | A | 0.01108 | 3880 |
| 5 chrE3.282405A | G | 0.2919 | 3998 |
| 5 chrB2.148764G | A | 0.03623 | 4002 |
| 5 chrE3.274480G | A | 0.03817 | 3956 |
| 5 chrE3.271982A | C | 0.4516 | 3964 |
| 5 chrE3.263169 | 0 G | 0 | 4006 |
| 5 chrE3.260539A | C | 0.2328 | 4004 |
| 5 chrE3.256290G | A | 0.3572 | 3928 |
| 5 chrB2.148876C | A | 0.1473 | 4006 |
| 5 chrE3.253569G | A | 0.1096 | 3996 |
| 5 chrE3.245269A | G | 0.08062 | 3994 |

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| 5 chrE3.241676G | A | 0.4386 | 3974 |
| 5 chrE3.235455A | C | 0.2356 | 4006 |
| 5 chrE3.227279G | A | 0.2242 | 3992 |
| 5 chrB2.149078A | C | 0.1912 | 4006 |
| 5 chrE3.222862C | A | 0.3832 | 3836 |
| 5 chrE3.219900C | A | 0.2483 | 4008 |
| 5 chrB2.149143G | A | 0.4641 | 3980 |
| 5 chrB2.149182A | G | 0.06829 | 3646 |
| 5 chrB2.149205G | A | 0.4479 | 3990 |
| 5 chrB2.149295A | G | 0.4608 | 3984 |
| 5 chrB2.149320A | G | 0.2394 | 3998 |
| 5 chrB2.149345A | G | 0.1724 | 3968 |
| 5 chrB2.149371G | A | 0.4132 | 3996 |
| 5 chrB2.149444A | G | 0.1618 | 3944 |
| 5 chrB2.149475G | A | 0.1509 | 3996 |
| 5 chrB2.149510A | G | 0.4475 | 4002 |
| 5 chrB2.149648A | G | 0.146 | 3952 |
| 5 chrB2.149686A | C | 0.3674 | 3900 |
| 5 chrB2.149712A | G | 0.3488 | 3962 |
| 5 chrB2.149770A | G | 0.0575 | 4000 |
| 5 chrB2.149813C | A | 0.1294 | 4004 |
| 5 chrB2.149845A | G | 0.2605 | 3954 |
| 5 chrB2.149899G | A | 0.08868 | 3992 |
| 5 chrB2.150077A | G | 0.3495 | 4000 |
| 5 chrE3.686850A | G | 0.3278 | 4008 |
| 5 chrB2.150127G | A | 0.4446 | 3986 |
| 5 chrB2.150152A | G | 0.2005 | 3986 |
| 5 chrB2.150181G | A | 0.4163 | 3966 |
| 5 chrB2.150292C | A | 0.4186 | 3760 |
| 5 chrB2.150406A | G | 0.08017 | 4004 |
| 5 chrB2.150434C | A | 0.06016 | 4006 |
| 5 chrB2.150471G | A | 0.2916 | 3992 |
| 5 chrB2.150529 | 0 G | 0 | 4010 |
| 5 chrB2.150538G | A | 0.04695 | 4004 |
| 5 chrB2.150601A | G | 0.1434 | 4004 |
| 5 chrB2.150652A | G | 0.004988 | 4010 |
| 5 chrB2.150715G | A | 0.2984 | 3998 |
| 5 chrB2.150735A | G | 0.0002508 | 3988 |
| 5 chrB2.150766A | G | 0.005736 | 4010 |
| 5 chrB2.150797A | G | 0.002999 | 4002 |
| 5 chrB2.150851A | G | 0.4722 | 3916 |

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| 5 chrB2.150878A | G | 0.4427 | 3976 |
| 5 chrB2.150904A | G | 0.1538 | 3972 |
| 5 chrB2.150934G | A | 0.006332 | 3948 |
| 5 chrB2.150936G | A | 0.3717 | 3976 |
| 5 chrB2.151002A | C | 0.2628 | 3992 |
| 5 chrB2.151033G | A | 0.08038 | 4006 |
| 5 chrB4.579573G | A | 0.2568 | 3996 |
| 5 chrB2.151123A | G | 0.3604 | 3998 |
| 5 chrB2.151153 | 0 G | 0 | 4008 |
| 5 chrB2.151179A | G | 0.0007515 | 3992 |
| 5 chrB2.151249A | C | 0.3947 | 3990 |
| 5 chrB2.151281G | A | 0.04096 | 4004 |
| 5 chrB2.151341C | A | 0.4583 | 4004 |
| 5 chrB2.151422A | G | 0.3735 | 4000 |
| 5 chrB2.151484G | A | 0.1704 | 3966 |
| 5 chrB2.151537G | A | 0.0782 | 3964 |
| 5 chrB2.151570A | C | 0.3492 | 3846 |
| 5 chrB2.151619G | A | 0.3535 | 4000 |
| 5 chrB2.151662A | G | 0.1192 | 4010 |
| 5 chrB2.151687A | C | 0.09636 | 4006 |
| 5 chrB2.151739G | A | 0.4562 | 3992 |
| 5 chrB2.151766A | G | 0.02345 | 4008 |
| 5 chrB2.151791A | G | 0.0262 | 4008 |
| 5 chrB2.151859A | G | 0.1933 | 3952 |
| 5 chrB2.151902G | A | 0.375 | 3992 |
| 5 chrB2.151969A | G | 0.05242 | 4006 |
| 5 chrB2.152019A | G | 0.0203 | 3940 |
| 5 chrB2.152110A | G | 0.08423 | 3894 |
| 5 chrB2.152120A | G | 0.4047 | 4000 |
| 5 chrB2.152177A | G | 0.09615 | 4004 |
| 5 chrB2.152226A | G | 0.1545 | 4000 |
| 5 chrB2.152256G | A | 0.3177 | 3988 |
| 5 chrB2.152260G | A | 0.4705 | 4006 |
| 5 chrB2.152320G | A | 0.3105 | 3964 |
| 5 chrB2.152354G | A | 0.3869 | 4006 |
| 5 chrB2.152378A | G | 0.3322 | 3982 |
| 5 chrB2.152413A | G | 0.3753 | 3994 |
| 5 chrB2.152454A | C | 0.4478 | 3982 |
| 5 chrB2.152511G | A | 0.3304 | 3904 |
| 5 chrB2.152558G | A | 0.3715 | 4008 |
| 5 chrB2.152613A | G | 0.3548 | 3980 |

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| 5 chrB2.152671C | A | 0.4788 | 3968 |
| 5 chrB2.152698A | G | 0.167 | 3940 |
| 5 chrB2.152822A | G | 0.1272 | 4000 |
| 5 chrB2.152855 | 0 G | 0 | 4002 |
| 5 chrB2.152910A | G | 0.1867 | 3996 |
| 5 chrB2.152915 | 0 G | 0 | 4010 |
| 5 chrB2.152945A | G | 0.2898 | 4006 |
| 5 chrB2.153005G | A | 0.1171 | 3998 |
| 5 chrB2.153099A | G | 0.00788 | 3934 |
| 5 chrB2.153135G | A | 0.2679 | 3994 |
| 5 chrB2.153160A | G | 0.1747 | 4008 |
| 5 chrB2.153221A | G | 0.1075 | 3982 |
| 5 chrB2.153251G | A | 0.3465 | 4000 |
| 5 chrB2.153294G | A | 0.1217 | 4010 |
| 5 chrB2.153342G | A | 0.2787 | 4004 |
| 5 chrB2.153369A | G | 0.07186 | 3966 |
| 5 chrB2.153444A | G | 0.06712 | 3784 |
| 5 chrB2.153485C | A | 0.1503 | 4004 |
| 5 chrB2.153558A | G | 0.1359 | 4004 |
| 5 chrB2.153587G | A | 0.1159 | 4004 |
| 5 chrB2.153635G | A | 0.1423 | 3978 |
| 5 chrB2.153661C | A | 0.02295 | 3966 |
| 5 chrB2.153689A | G | 0.07186 | 4008 |
| 5 chrB2.153718A | C | 0.04689 | 3860 |
| 5 chrB2.153777A | G | 0.4804 | 3924 |
| 5 chrB2.153811A | C | 0.437 | 3986 |
| 5 chrC2.389662G | A | 0.1944 | 3992 |
| 5 chrB2.153858G | A | 0.2587 | 3986 |
| 5 chrB2.153892A | G | 0.4215 | 4002 |
| 5 chrB2.153922A | G | 0.1475 | 3912 |
| 5 chrB2.153961G | A | 0.06279 | 3822 |
| 5 chrB2.154007A | G | 0.1101 | 4006 |
| 5 chrB2.154050A | G | 0.1243 | 4006 |
| 5 chrB2.154088A | G | 0.1837 | 4002 |
| 5 chrB2.154138A | G | 0.1904 | 3886 |
| 5 chrB2.154187A | G | 0.1342 | 4002 |
| 5 chrB2.154229G | A | 0.285 | 3814 |
| 5 chrB2.154266A | G | 0.4263 | 4000 |
| 5 chrB2.154294G | A | 0.04925 | 4000 |
| 5 chrB2.154321A | G | 0.0009985 | 4006 |
| 5 chrB2.154395A | G | 0.3648 | 4000 |

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| 5 chrB2.154421A | G | 0.2924 | 3964 |
| 5 chrB2.154480A | G | 0.1193 | 3788 |
| 5 chrB2.154514A | G | 0.4383 | 4004 |
| 5 chrB2.154538G | A | 0.2768 | 3754 |
| 5 chrB2.154586A | G | 0.286 | 4000 |
| 5 chrB2.154635A | G | 0.3113 | 4006 |
| 5 chrB2.154709A | G | 0.2849 | 3980 |
| 5 chrB2.154764A | G | 0.1748 | 3958 |
| 5 chrB2.154821A | C | 0.1398 | 4006 |
| 5 chrB2.154863G | A | 0.02477 | 3876 |
| 5 chrB2.154908G | A | 0.05274 | 3982 |
| 5 chrB2.154938G | A | 0.04837 | 3990 |
| 5 chrB2.154995G | A | 0.1389 | 4002 |
| 5 chrB2.155022A | G | 0.04327 | 3998 |
| 5 chrB2.155042 | 0 G | 0 | 4008 |
| 5 chrE2.745046G | A | 0.134 | 3986 |
| 5 chrE2.745625A | G | 0.001498 | 4006 |
| 5 chrB2.155118G | A | 0.3664 | 3996 |
| 5 chrE2.746575G | A | 0.4042 | 4000 |
| 5 chrE2.747587G | A | 0.1215 | 3992 |
| 5 chrE2.748909G | A | 0.3697 | 3990 |
| 5 chrB4.460130A | G | 0.4175 | 3998 |
| 5 chrB2.155289A | C | 0.3583 | 3944 |
| 5 chrB2.155326A | G | 0.1248 | 4006 |
| 5 chrB2.155365G | A | 0.1439 | 3962 |
| 5 chrB2.155412A | C | 0.05922 | 4002 |
| 5 chrUn.228071G | A | 0.4332 | 3980 |
| 5 chrB2.155462G | A | 0.2024 | 3998 |
| 5 chrB2.155496A | G | 0.009794 | 3982 |
| 5 chrB2.155509A | G | 0.2089 | 3992 |
| 5 chrB2.155535A | G | 0.291 | 4000 |
| 5 chrB2.155560A | G | 0.4373 | 3958 |
| 5 chrUn24.4909G | A | 0.0896 | 3962 |
| 5 chrB2.155677A | G | 0.1883 | 3998 |
| 5 chrB2.155706C | A | 0.3531 | 3942 |
| 5 chrB2.155737G | A | 0.2303 | 3994 |
| 5 chrB2.155850G | A | 0.4394 | 3996 |
| 5 chrB2.155887A | G | 0.16 | 4000 |
| 5 chrB2.155918A | G | 0.05542 | 3970 |
| 5 chrB2.155965A | G | 0.04348 | 4002 |
| 5 chrUn.664769G | A | 0.4396 | 3706 |

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| 5 chrB2.156001G | A | 0.1708 | 3998 |
| 5 chrB2.156040A | G | 0.2354 | 3968 |
| 5 chrB2.156077A | G | 0.1332 | 3994 |
| 5 chrB2.156115A | G | 0.07684 | 3878 |
| 5 chrB2.156158A | G | 0.2746 | 3984 |
| 5 chrB2.156189A | G | 0.09353 | 3774 |
| 5 chrB2.156213C | A | 0.1168 | 3998 |
| 5 chrB2.156264G | A | 0.4184 | 4006 |
| 5 chrB2.156291G | A | 0.1179 | 3936 |
| 5 chrB2.156315G | A | 0.4952 | 3996 |
| 5 chrB2.156339A | G | 0.4992 | 3994 |
| 5 chrB2.156370A | G | 0.4029 | 4008 |
| 5 chrB2.156398A | G | 0.1394 | 4004 |
| 5 chrB2.156454A | C | 0.4289 | 3992 |
| 5 chrB2.156491A | G | 0.25 | 3964 |
| 5 chrB2.156526A | G | 0.4888 | 4002 |
| 5 chrB2.156554A | G | 0.2867 | 3994 |
| 5 chrB2.156591A | G | 0.09166 | 3884 |
| 5 chrB2.156640A | G | 0.2107 | 4000 |
| 5 chrB2.156670A | G | 0.06325 | 3984 |
| 5 chrB2.156704A | G | 0.1161 | 3800 |
| 5 chrB2.156742A | G | 0.2693 | 3996 |
| 5 chrB2.156772A | G | 0.07057 | 3996 |
| 5 chrB2.156826C | A | 0.09662 | 3964 |
| 5 chrB2.156952G | A | 0.4518 | 4004 |
| 5 chrB2.156960 | 0 A | 0 | 4010 |
| 5 chrB2.156980G | A | 0.2357 | 3984 |
| 5 chrB2.157034G | A | 0.3818 | 4002 |
| 5 chrB2.157065A | G | 0.2938 | 3986 |
| 5 chrB2.157103G | A | 0.2022 | 3996 |
| 5 chrB2.157145G | A | 0.02636 | 3832 |
| 5 chrB2.157185A | G | 0.4656 | 4006 |
| 5 chrB2.157242A | G | 0.1783 | 3998 |
| 5 chrB2.157296G | A | 0.4092 | 3988 |
| 5 chrUn.554028A | G | 0.492 | 3984 |
| 5 chrB2.157485G | A | 0.3961 | 4004 |
| 5 chrB2.157523A | C | 0.07168 | 4004 |
| 5 chrB2.157561A | G | 0.2538 | 3996 |
| 5 chrB2.157626G | A | 0.3741 | 3986 |
| 5 chrB2.157736G | A | 0.3716 | 4004 |
| 5 chrB2.157695G | A | 0.2722 | 3982 |

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| 5 chrB2.157773A | G | 0.4751 | 3974 |
| 5 chrB2.157885A | G | 0.01298 | 4006 |
| 5 chrB2.157831A | C | 0.4282 | 3972 |
| 5 chrB2.157914C | A | 0.1282 | 3994 |
| 5 chrB2.157963G | A | 0.05203 | 3844 |
| 5 chrUn.226524 | 0 C | 0 | 3998 |
| 5 chrB2.157995A | C | 0.4742 | 3992 |
| 5 chrB2.158033C | A | 0.3843 | 4002 |
| 5 chrB2.158107A | G | 0.3518 | 4000 |
| 5 chrB2.158145A | G | 0.1158 | 4006 |
| 5 chrB2.158185A | G | 0.1355 | 3844 |
| 5 chrB2.158212A | G | 0.4046 | 3992 |
| 5 chrB2.158236A | G | 0.2141 | 4002 |
| 5 chrB2.158344G | A | 0.1108 | 4006 |
| 5 chrB2.158377C | A | 0.3995 | 3860 |
| 5 chrB2.158415C | A | 0.3327 | 4000 |
| 5 chrB2.158450A | G | 0.3414 | 3998 |
| 5 chrB2.158525A | G | 0.1941 | 4004 |
| 5 chrB2.158526A | G | 0.1185 | 4008 |
| 5 chrB2.158588A | G | 0.4525 | 3996 |
| 5 chrB2.158608A | G | 0.3138 | 3814 |
| 5 chrB2.158636A | G | 0.1147 | 4010 |
| 5 chrB2.158662A | G | 0.2113 | 4004 |
| 5 chrB2.158687A | G | 0.12 | 4010 |
| 5 chrB2.158785C | A | 0.1761 | 3986 |
| 5 chrB2.158863A | C | 0.1608 | 4004 |
| 5 chrB2.158905A | G | 0.4428 | 4004 |
| 5 chrB2.158957G | A | 0.2898 | 3996 |
| 5 chrB2.158984A | G | 0.1053 | 4006 |
| 5 chrB2.159058A | G | 0.4614 | 3994 |
| 5 chrB2.159093A | G | 0.2641 | 3998 |
| 5 chrB2.159115G | A | 0.1015 | 3990 |
| 5 chrB2.159161G | A | 0.451 | 3998 |
| 5 chrB2.159185A | G | 0.4052 | 3954 |
| 5 chrB2.159273G | A | 0.4684 | 3988 |
| 5 chrB2.159312A | G | 0.1995 | 4000 |
| 5 chrB2.159347A | G | 0.003794 | 3954 |
| 5 chrB2.159398A | G | 0.3937 | 3998 |
| 5 chrB2.159445G | A | 0.1527 | 3996 |
| 5 chrB2.159497A | G | 0.08921 | 4002 |
| 5 chrB2.159533A | G | 0.2541 | 3986 |

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| 5 chrB2.159561G | A | 0.2868 | 3954 |
| 5 chrB2.159602A | G | 0.1222 | 4000 |
| 5 chrB2.159715G | A | 0.2678 | 3858 |
| 5 chrB2.159789G | A | 0.4527 | 3992 |
| 5 chrB2.159847G | A | 0.05242 | 4006 |
| 5 chrB2.159851A | C | 0.05195 | 4004 |
| 5 chrB2.159879A | G | 0.07243 | 4004 |
| 5 chrB2.159953A | G | 0.1959 | 3982 |
| 5 chrB2.159997A | G | 0.09123 | 3990 |
| 5 chrB2.160024A | G | 0.1941 | 3926 |
| 5 chrB2.160048A | G | 0.0705 | 4000 |
| 5 chrB2.160080G | A | 0.3357 | 3902 |
| 5 chrB2.160130G | A | 0.1132 | 4002 |
| 5 chrB2.160178A | G | 0.3644 | 3960 |
| 5 chrB2.160217A | G | 0.1494 | 4002 |
| 5 chrB2.160262A | G | 0.4223 | 4004 |
| 5 chrB2.160295G | A | 0.2972 | 3984 |
| 5 chrB2.160322C | A | 0.4928 | 4002 |
| 5 chrB2.160358G | A | 0.3929 | 4004 |
| 5 chrB2.160398G | A | 0.06732 | 3966 |
| 5 chrB2.160425G | A | 0.3467 | 4006 |
| 5 chrB2.160475G | A | 0.17 | 4006 |
| 5 chrB2.160501G | A | 0.1792 | 3996 |
| 5 chrB2.160531A | G | 0.2951 | 4006 |
| 5 chrB2.160557C | A | 0.4468 | 4004 |
| 5 chrB2.160662A | G | 0.3739 | 3990 |
| 5 chrB2.160587G | A | 0.3632 | 3852 |
| 5 chrB2.160587A | G | 0.04414 | 4010 |
| 5 chrB2.160612A | C | 0.2034 | 4002 |
| 5 chrUn9.14181C | A | 0.3506 | 4004 |
| 5 chrB2.160704C | A | 0.06905 | 3968 |
| 5 chrB2.160761G | A | 0.1255 | 3800 |
| 5 chrB2.160788G | A | 0.2911 | 4006 |
| 5 chrB2.160830A | G | 0.1118 | 4006 |
| 5 chrB2.160871A | G | 0.0498 | 3936 |
| 5 chrB2.160895G | A | 0.476 | 4004 |
| 5 chrB2.160931A | G | 0.2135 | 4000 |
| 5 chrUn.523861A | G | 0.4091 | 3696 |
| 5 chrB2.160987A | G | 0.1223 | 3998 |
| 5 chrB2.161007G | A | 0.1623 | 3998 |
| 5 chrB2.161044G | A | 0.2181 | 3994 |

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| 5 chrB1.144091A | C | 0.1071 | 4006 |
| 5 chrB2.161131C | A | 0.1286 | 3982 |
| 5 chrB1.143810G | A | 0.2826 | 3992 |
| 5 chrB1.143765C | A | 0.1967 | 4000 |
| 5 chrB1.143714A | G | 0.003509 | 3990 |
| 5 chrB1.143712A | G | 0.3616 | 3938 |
| 5 chrB1.143676G | A | 0.1318 | 4006 |
| 5 chrB1.143635G | A | 0.09725 | 4000 |
| 5 chrB1.143566G | A | 0.1643 | 4004 |
| 5 chrB1.143525G | A | 0.328 | 3948 |
| 5 chrB1.143476G | A | 0.1572 | 4002 |
| 5 chrD4.564273A | G | 0.1583 | 3992 |
| 5 chrB2.161457C | A | 0.4327 | 4010 |
| 5 chrB2.161537G | A | 0.1671 | 3998 |
| 5 chrB2.161565G | A | 0.3525 | 4000 |
| 5 chrB2.161608G | A | 0.06012 | 3726 |
| 5 chrB2.161608A | G | 0.01178 | 3904 |
| 5 chrB2.161641G | A | 0.3077 | 3984 |
| 5 chrB2.161689G | A | 0.01301 | 3920 |
| 5 chrB2.161768A | G | 0.2831 | 3998 |
| 5 chrB2.161819A | G | 0.03991 | 3834 |
| 5 chrB2.161867C | A | 0.1583 | 4004 |
| 5 chrB2.161904G | A | 0.1583 | 3998 |
| 5 chrB2.161937G | A | 0.1947 | 4006 |
| 5 chrB2.162034A | C | 0.2922 | 3950 |
| 5 chrB2.162142A | G | 0.2412 | 4000 |
| 5 chrB2.162196G | A | 0.163 | 4006 |
| 5 chrB2.162225A | G | 0.242 | 4004 |
| 5 chrB2.162274A | G | 0.06542 | 3898 |
| 5 chrB2.162336A | G | 0.2933 | 4000 |
| 5 chrB2.162365G | A | 0.1087 | 3966 |
| 5 chrB2.162389G | A | 0.2506 | 4002 |
| 5 chrB2.162508A | C | 0.3115 | 4000 |
| 5 chrB2.162535A | G | 0.01556 | 3984 |
| 5 chrB2.162555A | G | 0.1967 | 4002 |
| 5 chrB2.162624G | A | 0.07443 | 4004 |
| 5 chrB2.162651C | A | 0.1943 | 3974 |
| 5 chrB2.162685G | A | 0.1146 | 4004 |
| 5 chrB2.162740G | A | 0.04673 | 4002 |
| 5 chrB2.162771A | G | 0.1541 | 3998 |
| 5 chrB2.162805A | G | 0.2819 | 3976 |

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| 5 chrB2.16284 | A | 0.3332 | 4004 |
| 5 chrB2.16288 | G | 0.4447 | 4000 |
| 5 chrB2.16293 | G | 0.4862 | 3996 |
| 5 chrB2.16298 | G | 0.4735 | 3924 |
| 5 chrB2.16304 | A | 0.163 | 3602 |
| 5 chrB2.16307 | A | 0.1036 | 4006 |
| 5 chrB2.16314 | A | 0.4176 | 3992 |
| 5 chrB2.16318 | A | 0.4206 | 4004 |
| 5 chrB2.16322 | G | 0.284 | 3996 |
| 5 chrB2.16332 | A | 0.3037 | 3988 |
| 5 chrB2.16337 | A | 0.4762 | 4000 |
| 5 chrB2.16343 | A | 0.03395 | 4006 |
| 5 chrB2.16350 | A | 0.3387 | 4004 |
| 5 chrB2.16353 | A | 0.09754 | 3988 |
| 5 chrB2.16358 | A | 0.2532 | 4004 |
| 5 chrB2.16363 | A | 0.1909 | 4008 |
| 5 chrB2.16366 | A | 0.1309 | 3980 |
| 5 chrB2.16369 | A | 0.273 | 4008 |
| 5 chrB2.16372 | A | 0.1237 | 3986 |
| 5 chrB2.16375 | G | 0.1349 | 3908 |
| 5 chrB2.16381 | C | 0.3557 | 4006 |
| 5 chrB2.16384 | A | 0.2925 | 3996 |
| 5 chrB2.16386 | A | 0.1641 | 3998 |
| 5 chrB2.16392 | A | 0.2972 | 4008 |
| 5 chrB2.16395 | G | 0.3829 | 4006 |
| 5 chrB2.16398 | A | 0.297 | 4000 |
| 5 chrB2.16411 | A | 0.1395 | 4006 |
| 5 chrB2.16415 | G | 0.2253 | 3972 |
| 5 chrB2.16421 | A | 0.1117 | 4010 |
| 5 chrB2.16421 | G | 0.1565 | 4006 |
| 5 chrB2.16424 | A | 0.3037 | 3912 |
| 5 chrB2.16427 | A | 0.3234 | 4004 |
| 5 chrB2.16431 | A | 0.1162 | 4000 |
| 5 chrB2.16434 | G | 0.4818 | 4006 |
| 5 chrB2.16435 | A | 0.3161 | 3986 |
| 5 chrB2.16441 | A | 0.3342 | 3896 |
| 5 chrB2.16450 | A | 0.3267 | 3820 |
| 5 chrB2.16453 | A | 0.4302 | 3996 |
| 5 chrB2.16456 | A | 0.4897 | 3978 |
| 5 chrB2.16460 | A | 0.2689 | 3686 |
| 5 chrB2.16463 | G | 0.2348 | 3876 |

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| 5 chrB2.164690G | A | 0.05678 | 3998 |
| 5 chrB2.164715A | G | 0.2724 | 4002 |
| 5 chrB2.164745A | G | 0.07395 | 3746 |
| 5 chrB2.164782G | A | 0.01124 | 4004 |
| 5 chrB2.164825A | C | 0.3864 | 3980 |
| 5 chrB2.164870A | C | 0.1742 | 3886 |
| 5 chrB2.164920C | A | 0.1417 | 3960 |
| 5 chrB2.164992A | G | 0.1138 | 3894 |
| 5 chrB2.165037G | A | 0.2314 | 4006 |
| 5 chrB2.165081A | C | 0.09544 | 3992 |
| 5 chrB2.165141A | G | 0.381 | 3992 |
| 5 chrB2.165181G | A | 0.06037 | 3992 |
| 5 chrB2.165245A | G | 0.1636 | 3936 |
| 5 chrB2.165325A | G | 0.005988 | 4008 |
| 5 chrB2.165459G | A | 0.1476 | 3930 |
| 5 chrB2.165585A | G | 0.1441 | 3990 |
| 5 chrB2.165607G | A | 0.2179 | 4006 |
| 5 chrB2.165636A | G | 0.342 | 3994 |
| 5 chrB2.165684G | A | 0.4383 | 4002 |
| 5 chrB2.165731G | A | 0.1179 | 3994 |
| 5 chrB2.165860A | G | 0.4543 | 3982 |
| 5 chrB2.165901A | C | 0.1093 | 4006 |
| 5 chrB2.165992A | G | 0.4384 | 3994 |
| 5 chrB2.166017A | G | 0.1835 | 4006 |
| 5 chrB2.166041G | A | 0.2668 | 3988 |
| 5 chrB2.166132A | G | 0.3187 | 4000 |
| 5 chrB2.166155G | A | 0.4617 | 3996 |
| 5 chrB2.166166A | G | 0.2506 | 3978 |
| 5 chrB2.166224G | A | 0.482 | 3996 |
| 5 chrB2.166252G | A | 0.362 | 3992 |
| 5 chrB2.166320G | A | 0.4007 | 3948 |
| 5 chrB2.166358C | A | 0.2264 | 4006 |
| 5 chrB2.166420A | G | 0.486 | 3996 |
| 5 chrB2.166446G | A | 0.2725 | 3996 |
| 5 chrB2.166476G | A | 0.1243 | 4006 |
| 5 chrB2.166520A | G | 0.04363 | 3942 |
| 5 chrB2.166632G | A | 0.4765 | 3998 |
| 5 chrB2.166685A | G | 0.2214 | 3992 |
| 5 chrB2.166729A | G | 0.144 | 3986 |
| 5 chrB2.166760G | A | 0.3519 | 3990 |
| 5 chrB2.166809A | G | 0.1128 | 3688 |

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| 5 chrB2.166836A | C | 0.4865 | 4008 |
| 5 chrB2.166882G | A | 0.3107 | 4004 |
| 5 chrB2.166909A | G | 0.2443 | 3970 |
| 5 chrB2.166943A | G | 0.3287 | 4004 |
| 5 chrB2.167007C | A | 0.05447 | 4002 |
| 5 chrB2.167056A | G | 0.09325 | 4000 |
| 5 chrB2.167093A | G | 0.101 | 4010 |
| 5 chrB2.167124G | A | 0.3128 | 3990 |
| 5 chrB2.167178A | G | 0.117 | 3992 |
| 5 chrB2.167229A | G | 0.1999 | 3992 |
| 5 chrB2.167301C | A | 0.008229 | 4010 |
| 5 chrB2.167332A | G | 0.2036 | 3988 |
| 5 chrB2.167386A | G | 0.06397 | 4002 |
| 5 chrB2.167488C | A | 0.2543 | 3992 |
| 5 chrB2.167542G | A | 0.1989 | 4002 |
| 5 chrB2.167575G | A | 0.4503 | 3986 |
| 5 chrB2.167607G | A | 0.1678 | 3994 |
| 5 chrB2.167622A | G | 0.2212 | 3942 |
| 5 chrB2.167654G | A | 0.2642 | 4000 |
| 5 chrB2.167707C | A | 0.2853 | 4000 |
| 5 chrB2.167775A | G | 0.01103 | 3716 |
| 5 chrB2.167815G | A | 0.06094 | 4004 |
| 5 chrB2.167847G | A | 0.05119 | 3966 |
| 5 chrB2.167901A | G | 0.3556 | 3988 |
| 5 chrB2.167936A | C | 0.3786 | 4004 |
| 5 chrB2.168077G | A | 0.05872 | 3934 |
| 5 chrB2.168179G | A | 0.473 | 4004 |
| 5 TCP.486 | 0 G | 0 | 4006 |
| 5 TCP.313 | 0 C | 0 | 4000 |
| 5 TCP.146 | 0 G | 0 | 3962 |
| 5 TCP.210 G | A | 0.00075 | 4000 |
| 5 chrB2.168216A | G | 0.2055 | 3902 |
| 5 chrUn.554671A | G | 0.122 | 4000 |
| 5 chrB2.168604G | A | 0.2825 | 4004 |
| 5 chrB2.168684A | C | 0.176 | 4000 |
| 5 chrB2.168921G | A | 0.3181 | 3992 |
| 5 chrB2.169017A | C | 0.2287 | 3940 |
| 5 chrB2.169107A | G | 0.2167 | 4006 |
| 5 chrB2.169189A | G | 0.1566 | 3628 |
| 5 chrB2.169241G | A | 0.07414 | 4006 |
| 5 chrB2.169291G | A | 0.4374 | 3896 |

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| 5 chrB2.169556 | A | 0.1935 | 3968 |
| 5 chrB2.169636 | A | 0.4045 | 4000 |
| 5 chrB2.169692 | A | 0.3789 | 3742 |
| 5 chrB2.169750 | A | 0.4219 | 3994 |
| 5 chrB2.170054 | C | 0.4151 | 3994 |
| 5 chrB2.170107 | A | 0.09361 | 3910 |
| 5 chrB2.170161 | 0 G | 0 | 4006 |
| 5 chrB2.170419 | G | 0.09955 | 4008 |
| 5 chrB2.170521 | A | 0.228 | 3904 |
| 5 chrB2.170653 | G | 0.3809 | 3956 |
| 5 chrB2.170794 | A | 0.2889 | 3994 |
| 5 chrB2.170977 | G | 0.2301 | 4002 |
| 5 chrUn.884811 | G | 0.1453 | 3924 |
| 5 chrB2.171313 | A | 0.275 | 4004 |
| 5 chrB2.171472 | G | 0.3826 | 3996 |
| 5 chrB2.171852 | A | 0.4702 | 3988 |
| 5 chrB2.171990 | G | 0.1687 | 3990 |
| 5 chrB2.172114 | C | 0.008351 | 3832 |
| 5 chrB2.172231 | G | 0.1317 | 3894 |
| 5 chrB2.172320 | C | 0.1319 | 4002 |
| 5 chrB2.172589 | C | 0.1725 | 3982 |
| 5 chrB2.172662 | G | 0.1415 | 3994 |
| 5 chrB2.172784 | G | 0.1644 | 3984 |
| 5 chrB2.172927 | G | 0.02892 | 3942 |
| 5 chrB2.172971 | G | 0.1382 | 4002 |
| 5 chrB2.173200 | G | 0.0004988 | 4010 |
| 5 chrB2.173670 | G | 0.07634 | 3982 |
| 5 chrUn.449791 | G | 0.3139 | 4004 |
| 5 chrB2.173978 | G | 0.3858 | 3898 |
| 5 chrB2.174068 | G | 0.2195 | 3996 |
| 5 chrB2.174186 | A | 0.3595 | 3978 |
| 5 chrB2.174354 | A | 0.2128 | 3956 |
| 5 chrB2.174380 | A | 0.1808 | 3988 |
| 5 chrB2.174547 | A | 0.2919 | 3988 |
| 5 chrB2.174576 | G | 0.1953 | 3968 |
| 5 chrB2.174582 | A | 0.392 | 3974 |
| 5 chrB2.174720 | C | 0.362 | 3856 |
| 5 chrB2.175073 | 0 G | 0 | 4008 |
| 5 chrUn1.42560 | A | 0.2988 | 3972 |
| 5 chrUn1.43361 | G | 0.4401 | 3972 |
| 5 chrUn1.43601 | A | 0.2928 | 3996 |

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| 5 chrUn1.4402:G | A | 0.102 | 3922 |
| 5 chrUn1.4432:A | G | 0.05617 | 3970 |
| 5 chrUn1.4458:G | A | 0.01048 | 4008 |
| 5 chrUn1.4495:A | G | 0.3211 | 3996 |
| 5 chrUn1.4532:G | A | 0.068 | 4000 |
| 5 chrUn1.4533:A | G | 0.2421 | 4006 |
| 5 chrUn1.4564:G | A | 0.4272 | 3930 |
| 5 chrUn1.4598:G | A | 0.06164 | 3910 |
| 5 chrUn1.4628:C | A | 0.01199 | 4004 |
| 5 chrUn1.4633:A | G | 0.2047 | 3972 |
| 5 chrUn1.4674:G | A | 0.02348 | 3960 |
| 5 chrUn.61881:G | A | 0.003043 | 3944 |
| 5 chrUn1.4720:A | C | 0.1581 | 3972 |
| 5 chrUn1.4770:C | A | 0.3395 | 3994 |
| 5 chrUn1.4794:G | A | 0.4433 | 3934 |
| 5 chrUn1.4848:G | A | 0.3073 | 3990 |
| 5 chrUn1.4882:A | C | 0.399 | 3952 |
| 5 chrUn1.4939:G | A | 0.3944 | 4006 |
| 5 chrUn1.4973:A | G | 0.1891 | 3960 |
| 5 chrUn1.5004:G | A | 0.378 | 3992 |
| 5 chrUn1.5033:A | G | 0.282 | 3986 |
| 5 chrUn1.5083:A | C | 0.2985 | 3990 |
| 5 chrUn1.5152:A | G | 0.3059 | 3998 |
| 5 chrUn1.5202:A | G | 0.1293 | 3992 |
| 5 chrUn1.5248:A | G | 0.09266 | 4004 |
| 5 chrUn1.5284:A | G | 0.3012 | 3928 |
| 5 chrUn.22979:G | A | 0.1342 | 3906 |
| 5 chrUn1.5313:G | A | 0.1538 | 3960 |
| 5 chrUn1.5340:C | A | 0.3432 | 3674 |
| 5 chrUn1.5381:G | A | 0.2596 | 3894 |
| 5 chrUn1.5435:G | A | 0.1275 | 3928 |
| 5 chrUn1.5568:G | A | 0.3542 | 3910 |
| 5 chrUn1.5573:A | G | 0.1343 | 3946 |
| 5 chrUn1.5601:A | G | 0.3853 | 3984 |
| 5 chrUn1.5636:G | A | 0.3535 | 3966 |
| 5 chrUn1.5707:A | G | 0.2581 | 3968 |
| 5 chrUn1.5772:G | A | 0.1079 | 3996 |
| 5 chrUn1.5845:A | G | 0.1256 | 3996 |
| 5 chrUn1.5873:A | G | 0.2157 | 4006 |
| 5 chrUn1.5913:A | C | 0.2254 | 3966 |
| 5 chrUn1.5947:A | G | 0.4205 | 4000 |

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| 5 chrUn1.60264A | G | 0.1872 | 3968 |
| 5 chrUn1.60926A | G | 0.4759 | 3982 |
| 5 chrUn1.61329G | A | 0.3469 | 3990 |
| 5 chrUn1.61849A | G | 0.1203 | 3966 |
| 5 chrUn1.62697A | C | 0.126 | 4000 |
| 5 chrUn1.63464G | A | 0.2914 | 3998 |
| 5 chrUn1.64206A | G | 0.09617 | 3972 |
| 5 chrUn1.64664G | A | 0.1525 | 4000 |
| 5 chrUn1.65147G | A | 0.1236 | 4006 |
| 5 chrUn1.67149G | A | 0.3596 | 3982 |
| 5 chrUn1.67817C | A | 0.09815 | 4004 |
| 5 chrUn12.1839C | A | 0.368 | 3978 |
| 5 chrUn12.1846G | A | 0.03607 | 3992 |
| 5 chrUn12.1859G | A | 0.4532 | 3998 |
| 5 chrUn12.1859A | G | 0.2703 | 3970 |
| 5 chrUn12.1869A | G | 0.2379 | 3968 |
| 5 chrUn12.1866A | G | 0.4599 | 3988 |
| 5 chrUn12.1869G | A | 0.1117 | 4010 |
| 5 chrUn12.1879G | A | 0.0333 | 3994 |
| 5 chrUn12.1876G | A | 0.08729 | 3998 |
| 5 chrUn12.1879A | G | 0.02246 | 4008 |
| 5 chrUn12.1884 | 0 A | 0 | 4008 |
| 5 chrUn12.1889A | G | 0.1425 | 3952 |
| 5 chrA2.10567 A | G | 0.1113 | 3784 |
| 6 chrUn13.6986A | G | 0.245 | 3836 |
| 6 chrUn13.7039G | A | 0.3875 | 4000 |
| 6 chrUn13.7069A | G | 0.1904 | 3992 |
| 6 chrUn13.7359C | A | 0.3677 | 4006 |
| 6 chrB3.11229 A | G | 0.004 | 4000 |
| 6 chrB3.48335 A | G | 0.4539 | 3930 |
| 6 chrB3.78953 A | G | 0.204 | 3996 |
| 6 chrB3.79755 A | G | 0.09025 | 3978 |
| 6 chrE1.542747A | G | 0.3234 | 3822 |
| 6 chrB3.265919A | G | 0.03609 | 3962 |
| 6 chrB3.636212G | A | 0.3003 | 3976 |
| 6 chrB3.670659A | G | 0.3267 | 3820 |
| 6 chrB3.857067A | G | 0.1967 | 3960 |
| 6 chrB3.921317A | G | 0.05676 | 3982 |
| 6 chrB3.966899A | G | 0.1923 | 3864 |
| 6 chrB3.108779A | G | 0.04485 | 3880 |
| 6 chrB3.119087A | G | 0.1112 | 4010 |

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| 6 chrB3.131875A | G | 0.002248 | 4004 |
| 6 chrB3.178592A | G | 0.2235 | 3874 |
| 6 chrB3.182714G | A | 0.3919 | 3976 |
| 6 chrB3.186269A | G | 0.09337 | 3984 |
| 6 chrB3.194500A | G | 0.3951 | 4002 |
| 6 chrB3.200987A | G | 0.223 | 3896 |
| 6 chrB3.215391G | A | 0.4452 | 3998 |
| 6 chrB3.248712G | A | 0.3225 | 3944 |
| 6 chrB3.260559A | C | 0.4587 | 3926 |
| 6 chrB3.263384C | A | 0.3714 | 4004 |
| 6 chrB3.297354A | G | 0.3525 | 3994 |
| 6 chrB3.322945G | A | 0.4585 | 3996 |
| 6 chrB3.339647A | G | 0.4705 | 4006 |
| 6 chrB3.364065A | G | 0.09216 | 4004 |
| 6 chrB3.386695A | G | 0.06992 | 3776 |
| 6 chrB3.423192G | A | 0.2376 | 3990 |
| 6 chrB3.434723A | G | 0.4333 | 3988 |
| 6 chrB3.438846A | G | 0.1031 | 3998 |
| 6 chrB3.445084A | G | 0.2227 | 3992 |
| 6 chrB3.459978A | G | 0.459 | 4004 |
| 6 chrB3.469337G | A | 0.208 | 4004 |
| 6 chrB3.475140G | A | 0.4664 | 3990 |
| 6 chrB3.504943A | G | 0.07261 | 3980 |
| 6 chrB3.511491A | G | 0.1021 | 3968 |
| 6 chrB3.514220A | G | 0.3614 | 3932 |
| 6 chrB3.525933A | G | 0.3909 | 3998 |
| 6 chrB3.532968A | C | 0.2569 | 3998 |
| 6 chrB3.539905G | A | 0.07343 | 4004 |
| 6 chrB3.574118G | A | 0.08621 | 4002 |
| 6 chrB3.577567G | A | 0.1272 | 3868 |
| 6 chrB3.585049G | A | 0.05972 | 4002 |
| 6 chrB3.598523A | G | 0.08588 | 3854 |
| 6 chrB3.602973G | A | 0.186 | 4006 |
| 6 chrB3.631768A | G | 0.4288 | 3988 |
| 6 chrB3.643720A | G | 0.157 | 4006 |
| 6 chrB3.654292G | A | 0.07696 | 4002 |
| 6 chrB3.661944A | G | 0.2768 | 3992 |
| 6 chrB3.669315G | A | 0.1584 | 4002 |
| 6 chrB3.677734G | A | 0.2461 | 4002 |
| 6 chrB3.683502G | A | 0.4568 | 3982 |
| 6 chrB3.687067A | G | 0.2058 | 3892 |

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| 6 chrB3.690107C | A | 0.3802 | 3998 |
| 6 chrB3.70686C | A | 0.3534 | 3996 |
| 6 chrB3.713842G | A | 0.3566 | 4004 |
| 6 chrB3.721472 | 0 G | 0 | 4006 |
| 6 chrB3.721529A | G | 0.3022 | 3998 |
| 6 chrB3.742065G | A | 0.3773 | 3992 |
| 6 chrB3.750667A | G | 0.3203 | 4002 |
| 6 chrB3.753589G | A | 0.4464 | 3996 |
| 6 chrB3.760039G | A | 0.1263 | 3998 |
| 6 FES.160 | 0 G | 0 | 4000 |
| 6 chrB3.772017G | A | 0.2595 | 4004 |
| 6 chrB3.81391C | G | 0.3165 | 3968 |
| 6 chrB3.832101C | A | 0.4717 | 3992 |
| 6 chrB3.850969A | G | 0.3788 | 3968 |
| 6 chrB3.855545A | G | 0.2187 | 3978 |
| 6 chrB3.858407A | G | 0.1347 | 4002 |
| 6 chrB3.865339A | G | 0.1457 | 4000 |
| 6 chrB3.868952A | C | 0.3028 | 3996 |
| 6 chrB3.875026G | A | 0.06169 | 4004 |
| 6 chrB3.879855A | G | 0.05941 | 4006 |
| 6 chrB3.884909G | A | 0.09239 | 3918 |
| 6 chrB3.889071A | G | 0.482 | 4000 |
| 6 chrB3.894921A | G | 0.2113 | 4004 |
| 6 chrB3.910304G | A | 0.3387 | 4000 |
| 6 chrB3.918036A | G | 0.2412 | 3956 |
| 6 chrB3.921672A | G | 0.3737 | 3982 |
| 6 chrB3.930752G | A | 0.4597 | 3972 |
| 6 chrB3.934317A | G | 0.06933 | 4010 |
| 6 chrB3.936902A | G | 0.1391 | 4004 |
| 6 chrB3.941614A | G | 0.2998 | 3986 |
| 6 chrB3.948802A | G | 0.1823 | 4000 |
| 6 chrB3.951675G | A | 0.3343 | 3940 |
| 6 chrB3.95656C | G | 0.1596 | 4004 |
| 6 chrB3.961337A | G | 0.2557 | 3974 |
| 6 chrB3.965635G | A | 0.1053 | 3990 |
| 6 chrB3.972275A | G | 0.3129 | 3988 |
| 6 chrB3.974867A | G | 0.1756 | 3708 |
| 6 chrB3.988024A | G | 0.1924 | 4002 |
| 6 chrB3.99143C | G | 0.2505 | 4004 |
| 6 chrB3.994231A | G | 0.429 | 3918 |
| 6 chrB3.995741G | A | 0.1928 | 4004 |

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| 6 chrB3.100673G | A | 0.05844 | 4004 |
| 6 chrB3.101024G | A | 0.3994 | 3988 |
| 6 chrB3.101423G | A | 0.4273 | 4004 |
| 6 chrB3.101692A | G | 0.2593 | 3996 |
| 6 chrB3.102313A | G | 0.2182 | 4006 |
| 6 chrB3.103155A | C | 0.001995 | 4010 |
| 6 chrB3.103585A | C | 0.3044 | 3982 |
| 6 chrB3.103856A | C | 0.1704 | 3990 |
| 6 chrUn.481843G | A | 0.3067 | 3994 |
| 6 chrB3.104456A | G | 0.1846 | 3966 |
| 6 chrB3.104834C | A | 0.2089 | 4006 |
| 6 chrB3.105101A | G | 0.02572 | 4004 |
| 6 chrB3.105522G | A | 0.4192 | 3984 |
| 6 chrB3.105784A | C | 0.1377 | 3994 |
| 6 chrB3.106324G | A | 0.3507 | 3978 |
| 6 chrB3.106673G | A | 0.2531 | 4006 |
| 6 chrB3.107022G | A | 0.06088 | 4008 |
| 6 chrB3.107323G | A | 0.07289 | 4006 |
| 6 chrB3.107640A | G | 0.1546 | 3998 |
| 6 chrB3.108143A | G | 0.3259 | 3998 |
| 6 chrB3.108497A | G | 0.4253 | 3988 |
| 6 chrB3.108830A | G | 0.1384 | 4002 |
| 6 chrB3.109366A | G | 0.2205 | 3986 |
| 6 chrB3.109899A | G | 0.3788 | 3910 |
| 6 chrB3.110502A | G | 0.09184 | 3996 |
| 6 chrB3.110810G | A | 0.4982 | 4000 |
| 6 chrB3.111757A | G | 0.1724 | 4008 |
| 6 chrB3.112055A | C | 0.1918 | 3946 |
| 6 chrB3.112663A | G | 0.1429 | 3898 |
| 6 chrB3.113129G | A | 0.05636 | 4010 |
| 6 chrB3.113444C | A | 0.2426 | 3982 |
| 6 chrB3.113845A | G | 0.3147 | 4004 |
| 6 chrB3.114523A | G | 0.3955 | 3982 |
| 6 chrB3.115394A | G | 0.313 | 3866 |
| 6 chrB3.115778A | G | 0.07292 | 3936 |
| 6 chrB3.116693G | A | 0.1431 | 4004 |
| 6 chrB3.117605A | G | 0.2597 | 4004 |
| 6 chrB3.118097C | A | 0.2296 | 4002 |
| 6 chrB3.118881A | G | 0.0517 | 4004 |
| 6 chrB3.119869A | G | 0.495 | 4002 |
| 6 chrB3.120359A | C | 0.1415 | 3972 |

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| 6 chrB3.120700A | G | 0.1135 | 3982 |
| 6 chrB3.121123A | G | 0.02747 | 4004 |
| 6 chrB3.121510G | A | 0.2195 | 3886 |
| 6 chrB3.122054A | G | 0.09093 | 3970 |
| 6 chrB3.122424A | G | 0.1314 | 4004 |
| 6 chrB3.123009A | G | 0.327 | 3972 |
| 6 chrB3.123428A | G | 0.1182 | 4000 |
| 6 chrB3.123890A | G | 0.3038 | 3956 |
| 6 chrB3.124525A | G | 0.03792 | 4008 |
| 6 chrB3.125090G | A | 0.1426 | 3998 |
| 6 chrB3.125508A | G | 0.2835 | 3930 |
| 6 chrA3.103531G | A | 0.4638 | 3920 |
| 6 chrB3.125892G | A | 0.43 | 3986 |
| 6 chrB3.127335A | G | 0.001499 | 4004 |
| 6 chrB3.127857G | A | 0.1702 | 3908 |
| 6 chrB3.128178A | G | 0.3929 | 3976 |
| 6 chrB3.128887A | C | 0.3447 | 3974 |
| 6 chrB3.129217G | A | 0.3567 | 3886 |
| 6 chrB3.129962A | C | 0.1739 | 3990 |
| 6 chrB3.129628A | G | 0.07464 | 4006 |
| 6 chrB3.130713A | G | 0.1159 | 4002 |
| 6 chrB3.131150G | A | 0.3349 | 4004 |
| 6 chrB3.131415A | G | 0.2751 | 3970 |
| 6 chrB3.131756A | G | 0.08763 | 3994 |
| 6 chrUn.649438G | A | 0.2531 | 4002 |
| 6 chrB3.132322A | G | 0.1486 | 3984 |
| 6 chrB3.132683A | G | 0.1346 | 4004 |
| 6 chrB3.133232A | G | 0.09361 | 3910 |
| 6 chrB3.133497A | G | 0.07139 | 4006 |
| 6 chrB3.133924A | C | 0.1595 | 3976 |
| 6 chrB3.135090G | A | 0.04204 | 3996 |
| 6 chrA1.162944A | G | 0.09544 | 3772 |
| 6 chrB3.135648A | G | 0.3429 | 3966 |
| 6 chrB3.136023A | G | 0.04236 | 3990 |
| 6 chrB3.136378A | G | 0.1357 | 4008 |
| 6 chrB3.137573A | C | 0.3596 | 3954 |
| 6 chrB3.136729A | G | 0.06126 | 3738 |
| 6 chrB3.138331A | G | 0.4137 | 3964 |
| 6 chrB3.138815G | A | 0.1203 | 3998 |
| 6 chrB3.139881G | A | 0.3998 | 3984 |
| 6 chrB3.140876A | G | 0.3019 | 4004 |

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| 6 chrB3.141662A | G | 0.168 | 4006 |
| 6 chrB3.140150G | A | 0.2603 | 3988 |
| 6 chrB3.140402A | G | 0.1171 | 3996 |
| 6 chrB3.140598G | A | 0.09677 | 3896 |
| 6 chrB3.141185A | C | 0.08437 | 4006 |
| 6 chrB3.141961A | G | 0.2889 | 3980 |
| 6 chrB3.142560G | A | 0.2981 | 4002 |
| 6 chrB3.142959A | G | 0.2912 | 3846 |
| 6 chrB3.143376G | A | 0.03377 | 3998 |
| 6 chrB3.143388G | A | 0.2887 | 3990 |
| 6 chrB3.143438G | A | 0.1923 | 3984 |
| 6 chrB3.143676G | A | 0.4897 | 3990 |
| 6 chrB3.143922G | A | 0.3344 | 3900 |
| 6 chrB3.144196G | A | 0.0965 | 4000 |
| 6 chrB3.144491A | G | 0.1298 | 3990 |
| 6 chrB3.144747A | G | 0.2565 | 3972 |
| 6 chrB3.145450A | G | 0.2638 | 3996 |
| 6 chrB3.146235A | G | 0.2845 | 3968 |
| 6 chrB3.146695C | A | 0.112 | 4008 |
| 6 chrB3.147575G | A | 0.04618 | 4006 |
| 6 chrB3.148972A | G | 0.0002494 | 4010 |
| 6 chrB3.149228G | A | 0.4868 | 4004 |
| 6 chrB3.149468A | G | 0.1298 | 3998 |
| 6 chrB3.149875A | G | 0.3213 | 3996 |
| 6 chrB3.150116A | G | 0.05042 | 4006 |
| 6 chrB3.150564G | A | 0.1011 | 4006 |
| 6 chrB3.150811A | G | 0.1865 | 3994 |
| 6 chrB3.151255A | G | 0.01148 | 4008 |
| 6 chrB3.151580A | G | 0.4173 | 3954 |
| 6 chrB3.151997A | C | 0.2651 | 3810 |
| 6 chrB3.152372A | C | 0.256 | 3992 |
| 6 chrB3.152639A | G | 0.2032 | 3996 |
| 6 chrB3.153023A | G | 0.2019 | 3998 |
| 6 chrB3.153429A | G | 0.1409 | 3990 |
| 6 chrB3.153997A | G | 0.1543 | 4006 |
| 6 chrB3.154334G | A | 0.2415 | 4000 |
| 6 chrB3.154639A | G | 0.2085 | 3990 |
| 6 chrB3.155201G | A | 0.1954 | 3996 |
| 6 chrB3.155439A | G | 0.1096 | 3978 |
| 6 chrB3.155858A | G | 0.1152 | 3994 |
| 6 chrB3.155978G | A | 0.1259 | 4010 |

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| 6 chrB3.156658C | A | 0.4534 | 3990 |
| 6 chrB3.157616A | C | 0.3053 | 3996 |
| 6 chrB3.158143A | G | 0.318 | 4000 |
| 6 chrB3.158574A | G | 0.1174 | 4004 |
| 6 chrB3.158765G | A | 0.3849 | 3980 |
| 6 chrB3.158827A | G | 0.3829 | 3978 |
| 6 chrB3.159444A | C | 0.1345 | 4000 |
| 6 chrB3.159708G | A | 0.4374 | 3980 |
| 6 chrB3.160250G | A | 0.1417 | 3960 |
| 6 chrB3.160498A | G | 0.09396 | 3938 |
| 6 chrB3.160844A | G | 0.1043 | 3990 |
| 6 chrB3.161454G | A | 0.08662 | 4006 |
| 6 chrB3.161966A | G | 0.03055 | 3994 |
| 6 chrB3.162235G | A | 0.1453 | 4006 |
| 6 chrB3.162689A | G | 0.234 | 4008 |
| 6 chrB3.163281C | A | 0.0303 | 3994 |
| 6 chrB3.163513G | A | 0.1268 | 3968 |
| 6 chrB3.163652A | G | 0.1574 | 3996 |
| 6 chrB3.164463A | G | 0.1426 | 3990 |
| 6 chrB3.164848G | A | 0.2879 | 4002 |
| 6 chrB3.165226A | G | 0.04675 | 4000 |
| 6 chrB3.165561G | A | 0.3505 | 4008 |
| 6 chrB3.167418A | G | 0.1458 | 3978 |
| 6 chrB3.168888A | G | 0.05973 | 3968 |
| 6 chrB3.169930A | C | 0.07456 | 3970 |
| 6 chrB3.169983G | A | 0.2642 | 3940 |
| 6 chrB3.170187A | G | 0.1698 | 3828 |
| 6 chrB3.170465A | G | 0.3484 | 4004 |
| 6 chrB3.170966A | G | 0.1808 | 3988 |
| 6 chrB3.171304A | C | 0.2221 | 3994 |
| 6 chrB3.171764A | G | 0.08624 | 3954 |
| 6 chrB3.172067C | A | 0.2117 | 3986 |
| 6 chrB3.172362G | A | 0.4385 | 3950 |
| 6 chrB3.172914A | G | 0.004993 | 4006 |
| 6 chrB3.173614G | A | 0.4268 | 3922 |
| 6 chrB3.173894C | A | 0.4682 | 3998 |
| 6 chrB3.175337A | G | 0.4425 | 3916 |
| 6 chrB3.175698A | G | 0.0985 | 4000 |
| 6 chrB3.175879A | G | 0.2504 | 4002 |
| 6 chrB3.176135A | G | 0.142 | 3992 |
| 6 chrB3.176450A | C | 0.08781 | 3986 |

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| 6 chrB3.176731A | G | 0.07049 | 3944 |
| 6 chrB3.177246A | G | 0.4674 | 3986 |
| 6 chrB3.177614C | A | 0.1143 | 4006 |
| 6 chrB3.178020G | A | 0.482 | 3844 |
| 6 chrB3.178368A | G | 0.2069 | 3954 |
| 6 chrB3.178893A | G | 0.326 | 4000 |
| 6 chrB3.179862G | A | 0.2594 | 4002 |
| 6 chrB3.180249A | G | 0.3535 | 3994 |
| 6 chrB3.180815A | G | 0.1576 | 3984 |
| 6 chrB3.181068A | G | 0.2722 | 4000 |
| 6 chrB3.181544A | C | 0.3123 | 4002 |
| 6 chrB3.181863A | G | 0.1456 | 3990 |
| 6 chrB3.182325G | A | 0.1259 | 4002 |
| 6 chrB3.182709G | A | 0.3211 | 3996 |
| 6 chrB3.182990A | G | 0.0755 | 4000 |
| 6 chrB3.183280A | G | 0.0925 | 4000 |
| 6 chrB3.183803A | G | 0.1674 | 3996 |
| 6 chrB3.184055A | G | 0.2772 | 4000 |
| 6 chrB3.185754G | A | 0.2583 | 3918 |
| 6 chrB3.186255A | G | 0.1094 | 3968 |
| 6 chrB3.186335G | A | 0.2279 | 3998 |
| 6 chrB3.186641G | A | 0.05697 | 4002 |
| 6 chrB3.186924A | G | 0.2519 | 4002 |
| 6 chrB3.187686G | A | 0.2536 | 3994 |
| 6 chrB3.188139G | A | 0.4985 | 3998 |
| 6 chrB3.188574A | G | 0.1285 | 4008 |
| 6 chrB3.188831G | A | 0.4267 | 3954 |
| 6 chrB3.189172A | G | 0.09178 | 3944 |
| 6 chrB3.190196G | A | 0.3723 | 3836 |
| 6 chrB3.190459A | G | 0.412 | 4002 |
| 6 chrB3.190816A | G | 0.01996 | 4008 |
| 6 chrB3.191297A | C | 0.1905 | 4010 |
| 6 chrB3.191748A | G | 0.1174 | 3994 |
| 6 chrB3.192777A | C | 0.2647 | 4004 |
| 6 chrB3.193232A | G | 0.1561 | 4004 |
| 6 chrB3.193791A | G | 0.1073 | 4008 |
| 6 chrB3.194129C | A | 0.2957 | 3906 |
| 6 chrB3.194391A | G | 0.05096 | 3964 |
| 6 chrB3.194718A | G | 0.173 | 4000 |
| 6 chrB3.195159A | G | 0.1209 | 4010 |
| 6 chrUn.491657A | G | 0.3199 | 4008 |

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| 6 chrB3.196159A | G | 0.054 | 4000 |
| 6 chrB3.196469G | A | 0.2681 | 4002 |
| 6 chrB3.196767A | G | 0.1031 | 4006 |
| 6 chrB3.197334C | A | 0.1559 | 4002 |
| 6 chrB3.197589A | G | 0.05425 | 3742 |
| 6 chrB3.198144A | G | 0.03106 | 3896 |
| 6 chrB3.198509A | G | 0.2169 | 3984 |
| 6 chrB3.199009G | A | 0.177 | 4006 |
| 6 chrB3.199839A | G | 0.1907 | 3986 |
| 6 chrUn.415359G | A | 0.3817 | 3998 |
| 6 chrB3.200227G | A | 0.2469 | 4002 |
| 6 chrB3.200609G | A | 0.2893 | 3948 |
| 6 chrB3.201019A | G | 0.1424 | 4004 |
| 6 chrB3.201529A | G | 0.3246 | 4008 |
| 6 chrB3.201819C | A | 0.3844 | 3884 |
| 6 chrB3.202089G | A | 0.2063 | 3990 |
| 6 chrB3.202449G | A | 0.2879 | 3970 |
| 6 chrB3.202809A | G | 0.3741 | 3986 |
| 6 chrB3.203299A | C | 0.1406 | 3820 |
| 6 chrB3.203839C | C | 0.2992 | 4008 |
| 6 chrB3.204199A | G | 0.1011 | 4004 |
| 6 chrB3.204899G | A | 0.2761 | 4002 |
| 6 chrB3.204909A | G | 0.1289 | 4002 |
| 6 chrB3.205319A | G | 0.006794 | 3974 |
| 6 chrB3.205339G | A | 0.2179 | 3998 |
| 6 chrB3.205959A | G | 0.43 | 3986 |
| 6 chrX.9401149G | A | 0.3462 | 3908 |
| 6 chrB3.206409A | C | 0.1668 | 3958 |
| 6 chrB3.206929A | G | 0.06703 | 3998 |
| 6 chrB3.207329A | G | 0.03668 | 4008 |
| 6 chrB3.207794A | G | 0.08541 | 4004 |
| 6 chrB3.208689C | G | 0.2587 | 4008 |
| 6 chrB3.209539A | G | 0.3987 | 3988 |
| 6 chrB3.209884A | G | 0.3692 | 3998 |
| 6 chrB3.210637C | A | 0.1372 | 3986 |
| 6 chrB3.211627G | A | 0.06294 | 4004 |
| 6 chrB3.212699C | G | 0.3826 | 4002 |
| 6 chrB3.213329A | G | 0.1697 | 3984 |
| 6 chrB3.213589A | G | 0.1602 | 4008 |
| 6 chrB3.214119A | G | 0.07924 | 3988 |
| 6 chrB3.214417A | G | 0.05689 | 3990 |

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| 6 chrB3.214949A | G | 0.1695 | 3994 |
| 6 chrB3.215223A | G | 0.1384 | 4004 |
| 6 chrB3.215971A | G | 0.1717 | 3990 |
| 6 chrB3.216427A | G | 0.2329 | 3998 |
| 6 chrB3.216770A | C | 0.4096 | 3672 |
| 6 chrB3.210349G | A | 0.2151 | 3998 |
| 6 chrB3.211387A | G | 0.2218 | 3990 |
| 6 chrB3.217709G | A | 0.1935 | 3990 |
| 6 chrB3.212119G | A | 0.2479 | 4006 |
| 6 chrB3.212359A | G | 0.4125 | 4000 |
| 6 chrB3.217952A | G | 0.1588 | 4006 |
| 6 chrC2.820866A | G | 0.3716 | 3996 |
| 6 chrC2.822117G | A | 0.2737 | 4000 |
| 6 chrC2.822546A | G | 0.0655 | 4000 |
| 6 chrC2.823531A | G | 0.323 | 4000 |
| 6 chrB3.219769A | G | 0.2975 | 3986 |
| 6 chrC2.823839G | A | 0.3459 | 4004 |
| 6 chrC2.824517A | G | 0.09865 | 4004 |
| 6 chrC2.824996A | G | 0.2683 | 4010 |
| 6 chrC2.826259A | G | 0.4577 | 3996 |
| 6 chrC2.827147A | G | 0.2339 | 4010 |
| 6 chrC2.828364G | A | 0.2002 | 3986 |
| 6 chrC2.829184C | A | 0.3567 | 3936 |
| 6 chrC2.829231C | A | 0.3189 | 3992 |
| 6 chrC2.832771G | A | 0.3737 | 3998 |
| 6 chrB3.224538A | G | 0.07211 | 4008 |
| 6 chrB3.224934A | C | 0.1497 | 3960 |
| 6 chrB3.225179A | G | 0.03356 | 3904 |
| 6 chrB3.225981A | G | 0.2135 | 4000 |
| 6 chrB3.226162C | A | 0.2032 | 3992 |
| 6 chrB3.226569A | C | 0.1678 | 4000 |
| 6 chrB3.226806G | A | 0.2827 | 3972 |
| 6 chrB3.227163A | G | 0.1822 | 4006 |
| 6 chrB3.227366A | G | 0.4862 | 4000 |
| 6 chrB3.227446A | G | 0.2335 | 4004 |
| 6 chrB3.228062A | G | 0.1588 | 4006 |
| 6 chrB3.228586G | A | 0.478 | 4002 |
| 6 chrB3.229312G | A | 0.4855 | 3998 |
| 6 chrB3.229563A | C | 0.01697 | 4008 |
| 6 chrB3.230078G | A | 0.1092 | 4002 |
| 6 chrB3.230439A | G | 0.326 | 4006 |

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| 6 chrB3.230745A | G | 0.3249 | 3976 |
| 6 chrB3.231035G | A | 0.1001 | 3966 |
| 6 chrB3.231255 | 0 G | 0 | 4010 |
| 6 chrB3.231346A | G | 0.0913 | 3998 |
| 6 chrB3.231614A | C | 0.368 | 4008 |
| 6 chrB3.232246G | A | 0.06263 | 3992 |
| 6 chrB3.232560A | G | 0.007564 | 3966 |
| 6 chrB3.233037A | G | 0.4543 | 4002 |
| 6 chrB3.233438C | A | 0.1115 | 3992 |
| 6 chrB3.234076A | G | 0.03818 | 3850 |
| 6 chrB3.234436C | A | 0.1722 | 4006 |
| 6 chrB3.234676G | A | 0.3095 | 3994 |
| 6 chrB3.235032G | A | 0.05493 | 3914 |
| 6 chrB3.235400A | C | 0.135 | 4006 |
| 6 chrB3.235775G | A | 0.2619 | 3998 |
| 6 chrB3.236167A | G | 0.05292 | 4006 |
| 6 chrB3.236485G | A | 0.1841 | 4008 |
| 6 chrB3.236820G | A | 0.4995 | 4000 |
| 6 chrB3.237117A | G | 0.1854 | 3906 |
| 6 chrB3.237398A | G | 0.38 | 3976 |
| 6 chrB3.237675C | A | 0.1673 | 3992 |
| 6 chrB3.238085G | A | 0.1896 | 3892 |
| 6 chrB3.238452G | A | 0.1959 | 3986 |
| 6 chrB3.239237G | A | 0.3348 | 4002 |
| 6 chrB3.239871G | A | 0.4301 | 3994 |
| 6 chrB3.240370G | A | 0.09216 | 3982 |
| 6 chrB3.240842A | G | 0.1515 | 3986 |
| 6 chrB3.241335A | G | 0.2624 | 3842 |
| 6 chrB3.241930G | A | 0.3262 | 3994 |
| 6 chrB3.242270G | A | 0.1488 | 4000 |
| 6 chrB3.242547G | A | 0.1524 | 3996 |
| 6 chrB3.242900A | G | 0.1711 | 3998 |
| 6 chrB3.242944C | A | 0.0116 | 3880 |
| 6 chrB3.243145A | G | 0.4628 | 4004 |
| 6 chrB3.243540G | A | 0.07266 | 3702 |
| 6 chrB3.243874A | G | 0.486 | 4000 |
| 6 chrB3.244776G | A | 0.4256 | 3910 |
| 6 chrB3.245565A | G | 0.003743 | 4008 |
| 6 chrB3.246340A | C | 0.02409 | 3944 |
| 6 chrB3.246738C | A | 0.2565 | 3976 |
| 6 chrB3.247198A | G | 0.36 | 4006 |

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| 6 chrB3.247672G | A | 0.1613 | 4004 |
| 6 chrB3.247919C | A | 0.3143 | 4002 |
| 6 chrB3.248533G | A | 0.07043 | 4004 |
| 6 chrB3.248802A | G | 0.0543 | 3996 |
| 6 chrB3.249762A | C | 0.1051 | 3738 |
| 6 chrB3.250200G | A | 0.2042 | 3932 |
| 6 chrB3.250465A | G | 0.3877 | 3902 |
| 6 chrB3.250805G | A | 0.1038 | 3990 |
| 6 chrB3.251090C | A | 0.2189 | 3952 |
| 6 chrB3.251796G | A | 0.1254 | 3836 |
| 6 chrB3.253019A | G | 0.2385 | 4004 |
| 6 chrB3.253392A | G | 0.4385 | 4002 |
| 6 chrB3.253872A | G | 0.1759 | 3946 |
| 6 chrB3.254108A | C | 0.1206 | 3998 |
| 6 chrB3.254444A | G | 0.1148 | 4006 |
| 6 chrB3.254771A | G | 0.05472 | 4002 |
| 6 chrB3.254808G | A | 0.4424 | 3976 |
| 6 chrB3.255118A | G | 0.3782 | 4006 |
| 6 chrB3.255952A | G | 0.2023 | 4008 |
| 6 chrB3.256229G | A | 0.2603 | 3996 |
| 6 chrB3.256594G | A | 0.4347 | 3998 |
| 6 chrB3.256951A | C | 0.1208 | 3766 |
| 6 chrB3.258149A | G | 0.2818 | 3996 |
| 6 chrB3.258444A | C | 0.3829 | 3988 |
| 6 chrB3.258825G | A | 0.1512 | 4008 |
| 6 chrB3.259082G | A | 0.0399 | 4010 |
| 6 chrB3.260318G | A | 0.1682 | 3996 |
| 6 chrB2.415707G | A | 0.1225 | 3928 |
| 6 chrB3.260734G | A | 0.2249 | 3992 |
| 6 chrB3.261016G | A | 0.1799 | 3974 |
| 6 chrB3.261467C | A | 0.1454 | 3982 |
| 6 chrB3.262172A | G | 0.09411 | 4006 |
| 6 chrB3.262470G | A | 0.237 | 4008 |
| 6 chrB3.262722A | G | 0.03145 | 4006 |
| 6 chrB3.263025G | A | 0.2175 | 3990 |
| 6 chrB3.263539A | G | 0.08362 | 4006 |
| 6 chrB3.263821G | A | 0.3602 | 3998 |
| 6 chrB3.264086G | A | 0.3744 | 4006 |
| 6 chrB3.264470A | C | 0.3079 | 3998 |
| 6 chrB3.264990C | A | 0.1592 | 3996 |
| 6 chrB3.265192G | A | 0.001996 | 4008 |

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| 6 chrB3.265622C | A | 0.08887 | 4006 |
| 6 chrB3.266559G | A | 0.2073 | 3980 |
| 6 chrB3.266952G | A | 0.2353 | 3990 |
| 6 chrB3.267415A | G | 0.05514 | 4008 |
| 6 chrB3.268768A | G | 0.03883 | 3992 |
| 6 chrB3.269225A | G | 0.0137 | 3942 |
| 6 chrB3.269537G | A | 0.03796 | 3978 |
| 6 chrB3.269572C | A | 0.1244 | 3988 |
| 6 chrB3.270052A | G | 0.2637 | 4008 |
| 6 chrB3.270398A | G | 0.1907 | 4006 |
| 6 chrB3.270700A | G | 0.204 | 4000 |
| 6 chrB3.271246G | A | 0.1839 | 3992 |
| 6 chrB3.271593A | G | 0.2029 | 4006 |
| 6 chrB3.272749G | A | 0.2478 | 4004 |
| 6 chrB3.272495A | G | 0.2649 | 4002 |
| 6 chrB3.273042C | A | 0.3587 | 3998 |
| 6 chrB3.273322C | A | 0.4608 | 3980 |
| 6 chrB3.273792C | A | 0.1643 | 3992 |
| 6 chrB3.274148G | A | 0.2717 | 4004 |
| 6 chrB3.274463G | A | 0.001268 | 3942 |
| 6 chrB3.274738C | A | 0.2475 | 4000 |
| 6 chrB3.275004G | A | 0.01107 | 3884 |
| 6 chrB3.275790A | G | 0.1752 | 4002 |
| 6 chrB3.276082G | A | 0.3666 | 4004 |
| 6 chrB3.276779G | A | 0.3633 | 4002 |
| 6 chrB3.277053C | A | 0.4246 | 3980 |
| 6 chrB3.277556G | A | 0.2796 | 3998 |
| 6 chrB3.278220A | G | 0.09757 | 3874 |
| 6 chrB3.278670A | C | 0.1664 | 4002 |
| 6 chrB3.278936G | A | 0.08929 | 3976 |
| 6 chrB3.279381G | A | 0.3989 | 4004 |
| 6 chrB3.279857A | G | 0.2918 | 3996 |
| 6 chrB3.280235A | G | 0.3979 | 4004 |
| 6 chrB3.280813G | A | 0.2389 | 3980 |
| 6 chrB3.281094A | G | 0.08058 | 3996 |
| 6 chrB3.281602G | A | 0.2618 | 3996 |
| 6 chrB3.281853C | A | 0.06658 | 4010 |
| 6 chrB3.282196A | G | 0.1101 | 3950 |
| 6 chrB3.282738G | A | 0.03097 | 4004 |
| 6 chrB3.283043A | C | 0.03792 | 4008 |
| 6 chrB3.283260A | G | 0.1052 | 4010 |

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| 6 chrB3.283442G | A | 0.191 | 4000 |
| 6 chrB3.283777A | C | 0.1033 | 3998 |
| 6 chrB3.284157A | C | 0.0007485 | 4008 |
| 6 chrB3.285072A | G | 0.1368 | 3990 |
| 6 chrB3.285480C | 0 C | 0 | 4010 |
| 6 chrB3.285867A | G | 0.1034 | 3994 |
| 6 chrB3.286868G | A | 0.1093 | 4008 |
| 6 chrB3.288037A | G | 0.1077 | 3946 |
| 6 chrB3.288656A | C | 0.2365 | 3996 |
| 6 chrB3.288966A | C | 0.2615 | 4004 |
| 6 chrB3.289436G | A | 0.2003 | 3990 |
| 6 chrB3.289902A | G | 0.1014 | 3996 |
| 6 chrB3.290789A | G | 0.4447 | 3998 |
| 6 chrB3.291176G | A | 0.2339 | 4010 |
| 6 chrB3.291971G | A | 0.2738 | 3992 |
| 6 chrB3.292485A | G | 0.04589 | 4010 |
| 6 chrB3.293174A | G | 0.1848 | 3934 |
| 6 chrB3.293691G | A | 0.2022 | 3986 |
| 6 chrB3.294404A | C | 0.2745 | 3986 |
| 6 chrB3.294960A | G | 0.03318 | 3918 |
| 6 chrB3.295649G | A | 0.008284 | 3742 |
| 6 chrB3.295825G | A | 0.0004995 | 4004 |
| 6 chrB3.296070A | G | 0.1837 | 3860 |
| 6 chrB3.297070G | A | 0.3805 | 3990 |
| 6 chrB3.297745A | G | 0.04321 | 4004 |
| 6 chrB3.298455G | A | 0.1911 | 3992 |
| 6 chrB3.298693G | A | 0.3106 | 4008 |
| 6 chrB1.209508A | G | 0.3704 | 4004 |
| 6 chrB1.209569A | C | 0.1667 | 3990 |
| 6 chrB3.299651A | C | 0.1988 | 3984 |
| 6 chrUn.932319A | G | 0.2171 | 4002 |
| 6 chrB3.381390A | G | 0.2689 | 3946 |
| 6 chrX.1149202G | A | 0.252 | 3992 |
| 6 chrB4.159331G | A | 0.0581 | 4010 |
| 6 chrB3.300888A | G | 0.322 | 3894 |
| 6 chrB3.301522A | G | 0.05747 | 4002 |
| 6 chrB3.301788 | 0 G | 0 | 4010 |
| 6 chrB3.302123A | G | 0.05766 | 4006 |
| 6 chrB3.302713C | A | 0.2038 | 3906 |
| 6 chrB3.303241G | A | 0.4683 | 3978 |
| 6 chrB3.303556A | G | 0.4252 | 3996 |

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| 6 chrB3.303875A | C | 0.0227 | 4008 |
| 6 chrB3.304231A | G | 0.4258 | 4002 |
| 6 chrB3.304717A | G | 0.2676 | 3946 |
| 6 chrB3.305035A | G | 0.3388 | 3970 |
| 6 chrB3.305606G | A | 0.2774 | 3810 |
| 6 chrB3.306395A | G | 0.4084 | 3972 |
| 6 chrB3.306878A | G | 0.3678 | 4002 |
| 6 chrB3.307402G | A | 0.2689 | 3986 |
| 6 chrB3.307648A | G | 0.2672 | 4004 |
| 6 chrUn.149284G | A | 0.2738 | 3846 |
| 6 chrUn.455817G | A | 0.3701 | 3980 |
| 6 chrB3.308318G | A | 0.2067 | 3986 |
| 6 chrB3.309016G | A | 0.4017 | 3986 |
| 6 chrB3.309336G | A | 0.2668 | 4006 |
| 6 chrB3.309632A | G | 0.3984 | 3996 |
| 6 chrB3.311067A | G | 0.4797 | 3994 |
| 6 chrB3.311061C | A | 0.01135 | 3878 |
| 6 chrB3.311346A | G | 0.276 | 3884 |
| 6 chrB3.311765A | G | 0.363 | 3986 |
| 6 chrB3.312245G | A | 0.4077 | 3998 |
| 6 chrB3.312524G | A | 0.3798 | 3968 |
| 6 chrB3.312781C | A | 0.3018 | 3966 |
| 6 chrB3.313028A | C | 0.2634 | 3782 |
| 6 chrB3.313588C | A | 0.004884 | 3890 |
| 6 chrB3.314256G | A | 0.3569 | 3990 |
| 6 chrB3.314885A | G | 0.01621 | 4010 |
| 6 chrB3.315462A | G | 0.3001 | 3996 |
| 6 chrB3.315921G | A | 0.08058 | 3996 |
| 6 chrB3.316314G | A | 0.4202 | 3996 |
| 6 chrB3.316622A | G | 0.3904 | 4006 |
| 6 chrB3.317276A | G | 0.2734 | 3990 |
| 6 chrB3.317619A | C | 0.04377 | 3998 |
| 6 chrB3.317837A | G | 0.0007523 | 3988 |
| 6 chrB3.317906A | C | 0.2848 | 4006 |
| 6 chrB3.318284A | G | 0.001251 | 3998 |
| 6 chrB3.318301A | G | 0.4114 | 3974 |
| 6 chrB3.318656G | A | 0.2579 | 3912 |
| 6 chrB3.320192G | A | 0.2747 | 3862 |
| 6 chrB3.320489A | G | 0.05015 | 4008 |
| 6 chrB3.320751G | A | 0.0535 | 4000 |
| 6 chrB3.321116A | G | 0.1607 | 4002 |

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| 6 chrB3.321522A | G | 0.0247 | 4008 |
| 6 chrB3.322146A | C | 0.02396 | 4006 |
| 6 chrB3.322535A | G | 0.02301 | 3998 |
| 6 chrB3.322943A | G | 0.2606 | 4002 |
| 6 chrB3.324214A | C | 0.4192 | 3996 |
| 6 chrB3.324671A | G | 0.4311 | 4006 |
| 6 chrB3.325037A | G | 0.3379 | 3948 |
| 6 chrB3.325833A | C | 0.2541 | 3944 |
| 6 chrB3.326086G | A | 0.05514 | 4008 |
| 6 chrB3.326397C | A | 0.3073 | 4002 |
| 6 chrB3.326671A | G | 0.1002 | 4000 |
| 6 chrB3.327096A | G | 0.05372 | 4002 |
| 6 chrB3.327291A | G | 0.02275 | 4000 |
| 6 chrUn3.1164A | G | 0.2808 | 4000 |
| 6 chrUn3.1158A | G | 0.4192 | 3996 |
| 6 chrUn3.1153G | A | 0.479 | 3992 |
| 6 chrF2.818916A | G | 0.005988 | 4008 |
| 6 chrUn3.11448 | 0 G | 0 | 4008 |
| 6 chrUn3.1139G | A | 0.03367 | 4010 |
| 6 chrUn3.1133A | C | 0.04021 | 4004 |
| 6 chrUn3.1130C | A | 0.1231 | 4006 |
| 6 chrUn3.1124A | G | 0.03175 | 4000 |
| 6 chrUn3.1120A | G | 0.08641 | 4004 |
| 6 chrUn3.1116G | A | 0.06808 | 4010 |
| 6 chrUn3.1110G | A | 0.1099 | 4002 |
| 6 chrUn3.1099A | G | 0.04006 | 3994 |
| 6 chrUn3.1086A | G | 0.05786 | 4010 |
| 6 chrUn3.1078C | A | 0.1803 | 4010 |
| 6 chrUn3.1070G | A | 0.1366 | 3742 |
| 6 chrUn3.1067G | A | 0.2775 | 4004 |
| 6 chrUn3.1065A | G | 0.2426 | 4002 |
| 6 chrUn3.1061A | C | 0.02894 | 4008 |
| 6 chrUn3.1058C | A | 0.2876 | 4002 |
| 6 chrUn3.1052A | C | 0.02993 | 4010 |
| 6 chrUn3.1052A | G | 0.1382 | 3988 |
| 6 chrUn3.1045G | A | 0.1985 | 3914 |
| 6 chrUn3.1041C | A | 0.1096 | 3932 |
| 6 chrUn3.1035A | G | 0.259 | 4004 |
| 6 chrUn3.1032G | A | 0.2766 | 3998 |
| 6 chrUn3.1029A | G | 0.02994 | 4008 |
| 6 chrUn3.1026A | G | 0.1454 | 4004 |

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| 6 chrUn3.1021(G | A | 0.1657 | 4008 |
| 6 chrUn3.1018(A | G | 0.116 | 4008 |
| 6 chrUn3.35832(A | G | 0.01872 | 4006 |
| 6 chrUn3.1009(G | A | 0.1961 | 4004 |
| 6 chrUn3.1006(A | G | 0.03044 | 4008 |
| 6 chrUn3.1001(G | A | 0.1661 | 4010 |
| 6 chrUn3.9987(G | A | 0.1962 | 3976 |
| 6 chrUn3.9594(A | C | 0.01642 | 3958 |
| 6 chrUn3.9641(G | A | 0.2079 | 3796 |
| 6 chrUn3.9772(G | A | 0.1466 | 4004 |
| 6 chrUn3.9825(A | C | 0.01946 | 4008 |
| 6 chrUn3.9864(A | G | 0.195 | 4000 |
| 6 chrUn3.9892(A | C | 0.01921 | 4008 |
| 6 chrUn3.9927(G | A | 0.03397 | 4004 |
| 6 chrUn3.9955(G | A | 0.03045 | 4006 |
| 6 chrUn3.1013(G | A | 0.01876 | 3998 |
| 6 chrUn3.36239(G | A | 0.03228 | 3810 |
| 6 chrUn30.873(G | A | 0.04993 | 4006 |
| 6 chrUn30.872(C | A | 0.01872 | 4006 |
| 6 chrUn30.868(A | G | 0.006166 | 3892 |
| 6 chrUn30.864(C | A | 0.01754 | 3992 |
| 6 chrUn30.860(A | G | 0.01926 | 3998 |
| 6 chrB4.136077(A | G | 0.0302 | 4006 |
| 6 chrB4.136075(A | G | 0.1141 | 4006 |
| 6 chrUn3.50791(C | A | 0.08218 | 3772 |
| 6 chrUn30.852(G | A | 0.03022 | 4004 |
| 6 chrUn30.849(A | G | 0.06839 | 3904 |
| 6 chrUn30.845(A | G | 0.05362 | 4010 |
| 6 chrUn30.838(A | G | 0.02714 | 3942 |
| 6 chrUn30.835(G | A | 0.1085 | 4008 |
| 6 chrUn30.830(A | G | 0.109 | 4000 |
| 6 chrUn30.827(G | A | 0.03153 | 3964 |
| 6 chrUn30.823(A | C | 0.1694 | 4002 |
| 6 chrUn30.820(G | A | 0.172 | 4006 |
| 6 chrUn30.817(G | A | 0.2295 | 3978 |
| 6 chrUn30.814(A | C | 0.04932 | 3994 |
| 6 chrUn30.807(G | A | 0.05055 | 3996 |
| 6 chrUn30.803(A | G | 0.1557 | 3976 |
| 6 chrUn30.800(G | A | 0.03685 | 3908 |
| 6 chrUn30.795(G | A | 0.01821 | 4008 |
| 6 chrUn30.792(G | A | 0.02578 | 3840 |

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| 6 chrUn30.779(A | G | 0.03767 | 4008 |
| 6 chrB3.374407A | C | 0.06447 | 4002 |
| 6 chrB3.375081A | G | 0.07121 | 3918 |
| 6 chrB3.375598G | A | 0.06331 | 3996 |
| 6 chrB3.376164A | G | 0.05969 | 4004 |
| 6 chrB3.376410G | A | 0.004242 | 4008 |
| 6 chrB3.377039A | G | 0.06041 | 4006 |
| 6 chrB3.377159C | A | 0.006238 | 4008 |
| 6 chrB3.377536G | A | 0.1156 | 4006 |
| 6 chrB3.377845G | A | 0.05799 | 3880 |
| 6 chrB3.378184A | G | 0.1105 | 3990 |
| 6 chrB3.378675C | A | 0.1185 | 3990 |
| 6 chrB3.379151A | G | 0.03359 | 3870 |
| 6 chrB3.379449A | G | 0.3837 | 3868 |
| 6 chrB3.379709G | A | 0.1183 | 4006 |
| 6 chrB3.380022A | C | 0.2202 | 3978 |
| 6 chrB3.380452A | G | 0.09995 | 3962 |
| 6 chrB3.380746G | A | 0.1149 | 4002 |
| 6 chrB3.381154A | G | 0.0659 | 4006 |
| 6 chrB3.381699G | A | 0.09491 | 4004 |
| 6 chrB3.381872A | G | 0.07511 | 3994 |
| 6 chrB3.382014G | A | 0.07665 | 3992 |
| 6 chrB3.382876G | A | 0.01897 | 4006 |
| 6 chrB3.383450A | G | 0.003754 | 3996 |
| 6 chrB3.383929G | A | 0.04572 | 3806 |
| 6 chrB3.384664A | G | 0.1159 | 3994 |
| 6 chrB3.384987A | G | 0.2791 | 3992 |
| 6 chrB3.385804A | G | 0.003562 | 3930 |
| 6 chrB3.386146A | G | 0.2241 | 3990 |
| 6 chrB3.387110A | G | 0.1129 | 3958 |
| 6 chrB3.387445G | A | 0.1324 | 3966 |
| 6 chrB3.387860A | G | 0.481 | 4002 |
| 6 chrB3.388234A | G | 0.1729 | 4008 |
| 6 chrB3.388585G | A | 0.2862 | 4008 |
| 6 chrB3.389082C | A | 0.3336 | 3984 |
| 6 chrB3.389535G | A | 0.3123 | 4002 |
| 6 chrB3.389966A | G | 0.1562 | 4008 |
| 6 chrB3.390675A | G | 0.2761 | 4002 |
| 6 chrB3.391044A | G | 0.06921 | 3988 |
| 6 chrB3.391447A | G | 0.06372 | 4002 |
| 6 chrB3.391737G | A | 0.3001 | 3996 |

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| 6 chrB3.39264C A | G | 0.1594 | 3996 |
| 6 chrB3.39265C A | G | 0.0192 | 4010 |
| 6 chrB3.393241G | A | 0.3794 | 4004 |
| 6 chrB3.39357C A | G | 0.3725 | 3772 |
| 6 chrB3.39406C A | G | 0.1092 | 4002 |
| 6 chrB3.394907G | A | 0.4568 | 3986 |
| 6 chrB3.39531C A | G | 0.4587 | 3992 |
| 6 chrB3.395681A | G | 0.001259 | 3970 |
| 6 chrB3.39578C A | G | 0.04393 | 4006 |
| 6 chrB3.396051A | C | 0.1759 | 3990 |
| 6 chrB3.39630C A | G | 0.001747 | 4006 |
| 6 chrB3.396867A | C | 0.04899 | 3878 |
| 6 chrB3.397117A | G | 0.2971 | 3998 |
| 6 chrB3.39725C A | G | 0.01309 | 3972 |
| 6 chrB3.397441G | A | 0.06175 | 4000 |
| 6 chrB3.39785C A | G | 0.01721 | 4010 |
| 6 chrB3.39825C A | G | 0.1037 | 3994 |
| 6 chrB3.39898C G | A | 0.001503 | 3992 |
| 6 chrB3.39925C A | G | 0.01501 | 3998 |
| 6 chrB3.39964C A | G | 0.05442 | 4006 |
| 6 chrB3.40019C A | G | 0.1644 | 3850 |
| 6 chrB3.40064C G | A | 0.1408 | 3998 |
| 6 chrB3.400891A | G | 0.2881 | 3998 |
| 6 chrB3.40168C G | A | 0.3699 | 3982 |
| 6 chrB3.40222C A | G | 0.213 | 4004 |
| 6 chrB3.40300C A | G | 0.2731 | 4002 |
| 6 chrB3.40361C G | A | 0.03593 | 3702 |
| 6 chrB3.40396C C | A | 0.4943 | 4006 |
| 6 chrB3.40432C G | A | 0.4807 | 3996 |
| 6 chrB3.40467C A | C | 0.26 | 4004 |
| 6 chrB3.40529C A | G | 0.196 | 4006 |
| 6 chrB3.40577C G | A | 0.1155 | 4000 |
| 6 chrB3.40601C A | G | 0.086 | 4000 |
| 6 chrB3.40655C C | A | 0.23 | 4000 |
| 6 chrB3.40703C A | G | 0.1118 | 3988 |
| 6 chrB3.40743C A | G | 0.1513 | 4006 |
| 6 chrB3.40791C G | A | 0.1288 | 4006 |
| 6 chrB3.40805C C | A | 0.1234 | 3948 |
| 6 chrB3.40866C A | G | 0.1383 | 3882 |
| 6 chrB3.40894C A | G | 0.2772 | 4008 |
| 6 chrB3.409201A | G | 0.1234 | 3832 |

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| 6 chrB3.409694G | A | 0.1458 | 3984 |
| 6 chrB3.409950G | A | 0.3002 | 3998 |
| 6 chrB3.410595G | A | 0.1691 | 4004 |
| 6 chrB3.411071A | G | 0.1912 | 4002 |
| 6 chrB3.411375G | A | 0.2465 | 4004 |
| 6 chrB3.411711G | A | 0.1265 | 3754 |
| 6 chrB3.412215G | A | 0.01038 | 3854 |
| 6 chrB3.412256A | G | 0.1529 | 4002 |
| 6 chrB3.412851G | A | 0.2289 | 4006 |
| 6 chrUn.525670G | A | 0.0989 | 4004 |
| 6 chrB3.413254G | A | 0.06231 | 3900 |
| 6 chrB3.414062G | A | 0.08971 | 4002 |
| 6 chrB3.414684A | G | 0.07817 | 4004 |
| 6 chrB3.414925G | A | 0.2915 | 3908 |
| 6 chrB3.415466A | G | 0.202 | 3996 |
| 6 chrB3.416375A | G | 0.3009 | 3992 |
| 6 chrB3.416925A | G | 0.1575 | 4006 |
| 6 chrB3.417761A | G | 0.1539 | 3984 |
| 6 chrB3.418170C | A | 0.271 | 3970 |
| 6 chrB3.418444A | G | 0.01771 | 4010 |
| 6 chrB3.418888A | G | 0.3968 | 3982 |
| 6 chrB3.419205G | A | 0.04219 | 4006 |
| 6 chrB3.419435 | 0 G | 0 | 4004 |
| 6 chrB3.419761A | G | 0.2602 | 3954 |
| 6 chrB3.420044G | A | 0.256 | 3972 |
| 6 chrB3.420625G | A | 0.232 | 4008 |
| 6 chrB3.420881G | A | 0.3843 | 3994 |
| 6 chrB3.421135G | A | 0.4001 | 3964 |
| 6 chrB3.421654A | G | 0.348 | 4000 |
| 6 chrB3.422380G | A | 0.1907 | 4002 |
| 6 chrB3.422646A | G | 0.09273 | 3990 |
| 6 chrB3.423221C | A | 0.1563 | 3998 |
| 6 chrB3.423585A | C | 0.4497 | 3754 |
| 6 chrB3.424235A | G | 0.1001 | 4006 |
| 6 chrB3.424862G | A | 0.1413 | 4006 |
| 6 chrB3.425324G | A | 0.09675 | 4000 |
| 6 chrB3.425626A | G | 0.3049 | 3998 |
| 6 chrB3.425626G | A | 0.1406 | 4004 |
| 6 chrB3.426128G | A | 0.05015 | 3968 |
| 6 chrB3.426590G | A | 0.0984 | 4004 |
| 6 chrB3.426831A | G | 0.3288 | 4006 |

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| 6 chrB3.427145G | A | 0.2887 | 4004 |
| 6 chrB3.427261C | A | 0.1708 | 3964 |
| 6 chrB3.427533G | A | 0.1409 | 4004 |
| 6 chrB3.427875A | C | 0.07927 | 3772 |
| 6 chrB3.428205A | G | 0.4155 | 4000 |
| 6 chrB3.428585G | A | 0.4077 | 4008 |
| 6 chrUn.182984A | G | 0.266 | 3962 |
| 6 chrB3.429360A | G | 0.2686 | 3988 |
| 6 chrB3.429674G | A | 0.1267 | 4008 |
| 6 chrB3.430126A | G | 0.4176 | 4004 |
| 6 chrB3.430724A | G | 0.3309 | 3998 |
| 6 chrB3.431221A | G | 0.1004 | 3994 |
| 6 chrB3.431573G | A | 0.4928 | 4000 |
| 6 chrB3.431940G | A | 0.2918 | 3976 |
| 6 chrB3.432252G | A | 0.1914 | 3996 |
| 6 chrB3.432683G | A | 0.4181 | 4004 |
| 6 chrB3.433197C | A | 0.4274 | 4006 |
| 6 chrB3.433573A | G | 0.09895 | 4002 |
| 6 chrB3.434107A | G | 0.1804 | 4002 |
| 6 chrB3.434480C | A | 0.1283 | 4006 |
| 6 chrB3.434535A | C | 0.3342 | 3992 |
| 6 chrB3.434952A | G | 0.08791 | 3936 |
| 6 chrB3.436558A | G | 0.3625 | 3994 |
| 6 chrB3.436802A | G | 0.07468 | 4004 |
| 6 chrB3.437755G | A | 0.3386 | 4002 |
| 6 chrB3.438095G | A | 0.08392 | 4004 |
| 6 chrB3.438345A | G | 0.08504 | 3998 |
| 6 chrB3.438782G | A | 0.3638 | 3988 |
| 6 chrB3.440445G | A | 0.4086 | 4006 |
| 6 chrB3.441032A | G | 0.1724 | 3962 |
| 6 chrB3.441700A | G | 0.39 | 3962 |
| 6 chrB3.441950A | G | 0.08288 | 4006 |
| 6 chrB3.442918G | A | 0.2042 | 4006 |
| 6 chrB3.443450G | A | 0.4185 | 3962 |
| 6 chrB3.443746A | G | 0.2921 | 3964 |
| 6 chrB3.444073G | A | 0.116 | 4008 |
| 6 chrB3.444353A | G | 0.1762 | 3996 |
| 6 chrB3.444908C | A | 0.3901 | 3984 |
| 6 chrB3.445612A | G | 0.4985 | 3994 |
| 6 chrB3.445896A | G | 0.1141 | 3962 |
| 6 chrB3.446187G | A | 0.1009 | 3996 |

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| 6 chrB3.446521A | G | 0.2002 | 3966 |
| 6 chrB3.446885A | G | 0.3359 | 3974 |
| 6 chrB3.447347G | A | 0.09173 | 3990 |
| 6 chrB3.447421A | G | 0.2577 | 3986 |
| 6 chrB3.447810A | G | 0.4608 | 4006 |
| 6 chrB3.448085A | G | 0.1699 | 4002 |
| 6 chrB3.449168A | G | 0.4069 | 3996 |
| 6 chrB3.450769A | C | 0.06121 | 3986 |
| 6 chrB3.451208G | A | 0.1166 | 3978 |
| 6 chrB3.452063A | C | 0.01581 | 3986 |
| 6 chrB3.452614A | G | 0.18 | 3966 |
| 6 chrB3.453540A | G | 0.1671 | 3998 |
| 6 chrB3.453970G | A | 0.2783 | 3988 |
| 6 chrB3.454464A | C | 0.1669 | 3966 |
| 6 chrB3.454891A | G | 0.2401 | 4002 |
| 6 chrB3.455207G | A | 0.2914 | 3898 |
| 6 chrB3.455741A | G | 0.4722 | 3994 |
| 6 chrB3.456025A | C | 0.05896 | 3884 |
| 6 chrB3.456874A | G | 0.3037 | 3984 |
| 6 chrB3.457114A | G | 0.04452 | 3998 |
| 6 chrB3.457505G | A | 0.01596 | 4010 |
| 6 chrB3.457997A | G | 0.06048 | 3968 |
| 6 chrB3.458502A | G | 0.1577 | 3994 |
| 6 chrB3.458863G | A | 0.4495 | 4000 |
| 6 chrB3.459128A | G | 0.3484 | 3990 |
| 6 chrB3.459743C | A | 0.414 | 3978 |
| 6 chrB3.460915A | G | 0.2586 | 4002 |
| 6 chrB3.461845C | A | 0.2646 | 3760 |
| 6 chrB3.463121A | G | 0.431 | 3984 |
| 6 chrB3.464317G | A | 0.3821 | 3996 |
| 6 chrB3.464920A | G | 0.3153 | 3964 |
| 6 chrB3.465615A | G | 0.136 | 4000 |
| 6 chrB3.465857G | A | 0.4912 | 4000 |
| 6 chrB3.466130G | A | 0.1265 | 4008 |
| 6 chrB3.466626C | A | 0.4229 | 3982 |
| 6 chrB3.467062G | A | 0.1806 | 3986 |
| 6 chrB3.467624A | C | 0.3787 | 3982 |
| 6 chrB3.467995G | A | 0.1608 | 3992 |
| 6 chrB3.468637A | G | 0.3853 | 4002 |
| 6 chrB3.469180A | G | 0.1684 | 4008 |
| 6 chrB3.470298A | G | 0.3089 | 3978 |

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| 6 chrB3.470708A | G | 0.1094 | 4002 |
| 6 chrB3.471032A | G | 0.1984 | 3982 |
| 6 chrB3.471287G | A | 0.2511 | 3970 |
| 6 chrB3.471527G | A | 0.06797 | 4002 |
| 6 chrB3.472038A | G | 0.02371 | 4006 |
| 6 chrB3.472606A | G | 0.1599 | 3990 |
| 6 chrB3.473274G | A | 0.07846 | 4002 |
| 6 chrB3.473621G | A | 0.4214 | 3994 |
| 6 chrB3.474153A | C | 0.1972 | 3986 |
| 6 chrB3.474597A | G | 0.0524 | 4008 |
| 6 chrB3.475200A | G | 0.229 | 3996 |
| 6 chrB3.475643G | A | 0.05564 | 4008 |
| 6 chrB3.476476 | 0 G | 0 | 4006 |
| 6 chrB3.476478A | G | 0.4377 | 3886 |
| 6 chrB3.476680A | G | 0.1423 | 4006 |
| 6 chrB3.477416A | G | 0.2499 | 4002 |
| 6 chrB4.836094A | G | 0.3749 | 3980 |
| 6 chrB3.478086G | A | 0.1298 | 4000 |
| 6 chrB3.478719A | C | 0.4339 | 3886 |
| 6 chrB3.479009G | A | 0.06929 | 3940 |
| 6 chrB3.479718A | G | 0.1504 | 3976 |
| 6 chrB3.480064A | G | 0.1789 | 3986 |
| 6 chrB3.480401A | G | 0.1845 | 4000 |
| 6 chrB3.480874G | A | 0.2074 | 3982 |
| 6 chrB3.481368A | G | 0.2586 | 3990 |
| 6 chrB3.483107A | G | 0.06503 | 3998 |
| 6 chrB3.483173G | A | 0.2187 | 3974 |
| 6 chrB3.483956G | A | 0.0002511 | 3982 |
| 6 chrB3.484848C | A | 0.07971 | 3952 |
| 6 chrB3.485539G | A | 0.1202 | 3984 |
| 6 chrB3.485939G | A | 0.3886 | 3996 |
| 6 chrB3.486956G | A | 0.4852 | 3996 |
| 6 chrB3.487684C | A | 0.03844 | 3980 |
| 6 chrB3.487925A | G | 0.3785 | 4000 |
| 6 chrUn.814294A | G | 0.09639 | 3984 |
| 6 chrB3.488525A | G | 0.02163 | 3838 |
| 6 chrB3.488832A | G | 0.2402 | 3988 |
| 6 chrB3.489343A | C | 0.05611 | 3992 |
| 6 chrB3.489745A | G | 0.005503 | 3998 |
| 6 chrB3.490449A | G | 0.2609 | 3886 |
| 6 chrB3.491103A | G | 0.4403 | 4004 |

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| 6 chrB3.491474A | G | 0.1847 | 3968 |
| 6 chrB3.491714G | A | 0.02242 | 3970 |
| 6 chrB3.492099A | G | 0.0994 | 4004 |
| 6 chrB3.492341 | 0 C | 0 | 4010 |
| 6 chrB3.492498A | G | 0.08113 | 4006 |
| 6 chrB3.492539G | A | 0.1534 | 4002 |
| 6 chrB3.492890A | G | 0.1302 | 4002 |
| 6 chrB3.493178A | G | 0.2825 | 4004 |
| 6 chrB3.493728A | G | 0.1255 | 4000 |
| 6 chrB3.494929A | G | 0.0937 | 4002 |
| 6 chrB3.495706A | C | 0.1149 | 3996 |
| 6 chrB3.496159A | C | 0.2075 | 3990 |
| 6 chrUn.287759G | A | 0.2885 | 3958 |
| 6 chrB3.496489C | A | 0.2277 | 3974 |
| 6 chrB3.496776G | A | 0.4533 | 4002 |
| 6 chrB3.497106G | A | 0.3068 | 3986 |
| 6 chrB3.497382G | A | 0.2143 | 4004 |
| 6 chrB3.497653C | A | 0.1178 | 4008 |
| 6 chrB3.498283A | G | 0.1927 | 4002 |
| 6 chrB3.499201A | G | 0.246 | 3996 |
| 6 chrB3.499473A | G | 0.37 | 3970 |
| 6 chrB3.499962A | G | 0.2521 | 3990 |
| 6 chrB3.500298A | C | 0.4407 | 3860 |
| 6 chrB3.500631C | A | 0.3264 | 3992 |
| 6 chrB3.501799G | A | 0.1331 | 3998 |
| 6 chrB3.502278A | G | 0.4413 | 4000 |
| 6 chrB3.502872A | G | 0.4657 | 3996 |
| 6 chrB3.503162G | A | 0.2541 | 4002 |
| 6 chrB3.503526C | A | 0.2127 | 4010 |
| 6 chrB3.504081A | C | 0.04662 | 3990 |
| 6 chrB3.504414C | A | 0.2852 | 4008 |
| 6 chrB3.504744A | G | 0.03671 | 4004 |
| 6 chrB3.505343A | G | 0.1448 | 4000 |
| 6 chrB3.505710A | C | 0.108 | 4010 |
| 6 chrB3.505828G | A | 0.09297 | 3926 |
| 6 chrB3.506150C | A | 0.3321 | 4002 |
| 6 chrB3.506506C | A | 0.05933 | 3978 |
| 6 chrB3.507050G | A | 0.1299 | 3996 |
| 6 chrB3.507559G | A | 0.2276 | 3998 |
| 6 chrB3.507911G | A | 0.3007 | 3988 |
| 6 chrB3.508013A | G | 0.0002496 | 4006 |

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| 6 chrB3.508162G | A | 0.3602 | 3984 |
| 6 chrB3.508426G | A | 0.1795 | 4006 |
| 6 chrB3.509102A | G | 0.3746 | 3986 |
| 6 chrB3.509341A | G | 0.07043 | 4004 |
| 6 chrB3.509668A | G | 0.2792 | 3932 |
| 6 chrUn.644871G | A | 0.216 | 3996 |
| 6 chrB3.510442G | A | 0.323 | 3954 |
| 6 chrB3.510938G | A | 0.4203 | 3990 |
| 6 chrB3.511417A | G | 0.1919 | 3982 |
| 6 chrA2.194605G | A | 0.4666 | 3988 |
| 6 chrB3.511710C | A | 0.2833 | 3982 |
| 6 chrB3.512268G | A | 0.2036 | 3998 |
| 6 chrB3.512594A | G | 0.2181 | 4002 |
| 6 chrB3.513282A | G | 0.2166 | 3994 |
| 6 chrB3.515080A | G | 0.06832 | 3908 |
| 6 chrB3.515758A | G | 0.1837 | 4000 |
| 6 chrB3.517567A | C | 0.1361 | 3998 |
| 6 chrB3.519209G | A | 0.1064 | 3996 |
| 6 chrB3.522190G | A | 0.07614 | 4006 |
| 6 chrB3.522691A | G | 0.1271 | 3942 |
| 6 chrB3.523062A | G | 0.1236 | 3990 |
| 6 chrB3.523466G | A | 0.3494 | 3952 |
| 6 chrB3.524240G | A | 0.4068 | 3904 |
| 6 chrB3.524587A | G | 0.02468 | 3728 |
| 6 chrB3.524854A | G | 0.4797 | 3992 |
| 6 chrB3.525259A | G | 0.1099 | 3978 |
| 6 chrB3.525730A | G | 0.4121 | 3992 |
| 6 chrB3.525984C | A | 0.4089 | 3984 |
| 6 chrB3.526279A | C | 0.4461 | 4008 |
| 6 chrB3.526569A | G | 0.4239 | 3954 |
| 6 chrB3.526888A | C | 0.2769 | 4002 |
| 6 chrB3.527713G | A | 0.3064 | 3998 |
| 6 chrB3.528207A | G | 0.3234 | 3992 |
| 6 chrB3.528705A | G | 0.1825 | 4010 |
| 6 chrB3.528951A | G | 0.2151 | 3980 |
| 6 chrB3.529245A | G | 0.2558 | 3988 |
| 6 chrB3.529514A | G | 0.4997 | 3974 |
| 6 chrB3.529610G | A | 0.4758 | 4002 |
| 6 chrB3.530193C | A | 0.4424 | 3978 |
| 6 chrB3.530250A | G | 0.3163 | 3990 |
| 6 chrB3.530727G | A | 0.2212 | 3974 |

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| 6 chrB3.531271G | A | 0.3726 | 4002 |
| 6 chrB3.531552A | C | 0.3406 | 3984 |
| 6 chrB3.532106G | A | 0.0462 | 4004 |
| 6 chrB3.532650A | G | 0.419 | 3850 |
| 6 chrB3.533099A | G | 0.4597 | 3996 |
| 6 chrB3.533459G | A | 0.471 | 3898 |
| 6 chrB3.533489C | A | 0.3396 | 3922 |
| 6 chrB3.534279A | G | 0.09391 | 4004 |
| 6 chrB3.534917A | G | 0.1219 | 3978 |
| 6 chrB3.535483C | A | 0.3263 | 3938 |
| 6 chrB3.535745A | G | 0.489 | 3994 |
| 6 chrB3.535988G | A | 0.2951 | 4002 |
| 6 chrB3.536564C | A | 0.1856 | 3998 |
| 6 chrB3.536841A | G | 0.2367 | 3996 |
| 6 chrB3.537220G | A | 0.4307 | 3982 |
| 6 chrB3.537624A | G | 0.09599 | 3844 |
| 6 chrB3.537956A | G | 0.149 | 4006 |
| 6 chrB3.538215G | A | 0.1266 | 3982 |
| 6 chrB3.538562A | G | 0.0674 | 4006 |
| 6 chrB3.538930A | G | 0.2111 | 4008 |
| 6 chrB3.539540A | C | 0.398 | 3970 |
| 6 chrB3.540210G | A | 0.2448 | 4008 |
| 6 chrB3.540590A | G | 0.2343 | 4004 |
| 6 chrB3.540703A | G | 0.338 | 3970 |
| 6 chrB3.540850A | G | 0.1256 | 3926 |
| 6 chrB3.541283A | G | 0.05517 | 4006 |
| 6 chrB3.541772A | G | 0.4288 | 4000 |
| 6 chrB3.542256C | A | 0.1281 | 3888 |
| 6 chrB3.542692G | A | 0.4925 | 3994 |
| 6 chrB3.543089C | A | 0.4292 | 3872 |
| 6 chrB3.543427A | C | 0.1225 | 3992 |
| 6 chrB3.543635A | C | 0.08665 | 3970 |
| 6 chrB3.544188A | G | 0.1 | 4008 |
| 6 chrB3.544259A | G | 0.01957 | 3934 |
| 6 chrB3.544628G | A | 0.1984 | 4002 |
| 6 chrB3.544883A | C | 0.1057 | 4010 |
| 6 chrB3.545200A | G | 0.3382 | 3998 |
| 6 chrB3.545480G | A | 0.3596 | 4002 |
| 6 chrB3.545728G | A | 0.281 | 3982 |
| 6 chrB3.546117A | G | 0.4076 | 3960 |
| 6 chrB3.546522A | C | 0.4985 | 3980 |

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| 6 chrB3.547596A | G | 0.05377 | 3980 |
| 6 chrB3.548131G | A | 0.08541 | 4004 |
| 6 chrB3.548701G | A | 0.2955 | 4004 |
| 6 chrB3.549057C | A | 0.3816 | 4004 |
| 6 chrB3.549507G | A | 0.2021 | 4008 |
| 6 chrB3.550363G | A | 0.3383 | 4008 |
| 6 chrB3.551343G | A | 0.1096 | 4006 |
| 6 chrB3.551707G | A | 0.1569 | 4008 |
| 6 chrB3.552271A | C | 0.384 | 3992 |
| 6 chrB3.552769A | G | 0.1054 | 3958 |
| 6 chrB3.553136A | G | 0.3494 | 3944 |
| 6 chrB3.553788A | C | 0.3187 | 3988 |
| 6 chrB3.554224A | G | 0.06125 | 4000 |
| 6 chrB3.554499G | A | 0.1637 | 3996 |
| 6 chrB3.554979G | A | 0.148 | 4006 |
| 6 chrB3.555250G | A | 0.4936 | 3926 |
| 6 chrB3.555733G | A | 0.2238 | 3990 |
| 6 chrB3.556303A | G | 0.2513 | 3984 |
| 6 chrB3.556569A | G | 0.3116 | 3992 |
| 6 chrB3.557004A | G | 0.4827 | 3990 |
| 6 chrUn.570501A | G | 0.2866 | 3932 |
| 6 chrB3.557412G | A | 0.2161 | 4002 |
| 6 chrB3.557499A | G | 0.2014 | 3988 |
| 6 chrB3.558439A | G | 0.3851 | 3978 |
| 6 chrB3.558899G | A | 0.1528 | 4000 |
| 6 chrB3.558908A | G | 0.1281 | 4006 |
| 6 chrB3.559434A | C | 0.399 | 4008 |
| 6 chrB3.559727G | A | 0.04216 | 3748 |
| 6 chrUn34.2611A | G | 0.2533 | 3976 |
| 6 chrB3.560170A | G | 0.02474 | 4002 |
| 6 chrB3.560712A | G | 0.2538 | 3992 |
| 6 chrB3.561056A | G | 0.2865 | 4004 |
| 6 chrB3.561427G | A | 0.01097 | 3828 |
| 6 chrB3.562329A | G | 0.06667 | 3780 |
| 6 chrB3.562581G | A | 0.07118 | 4004 |
| 6 chrB3.563218A | G | 0.0509 | 4008 |
| 6 chrB3.563694A | G | 0.2916 | 4002 |
| 6 chrB3.564077C | A | 0.1118 | 4000 |
| 6 chrB3.564410A | G | 0.2896 | 3968 |
| 6 chrB3.564773A | G | 0.205 | 3996 |
| 6 chrB3.565428A | G | 0.1518 | 4000 |

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| 6 chrB3.565758A | G | 0.4537 | 3998 |
| 6 chrB3.566364A | G | 0.4572 | 4000 |
| 6 chrB3.566356G | A | 0.1577 | 3994 |
| 6 chrB3.566696C | A | 0.3535 | 3844 |
| 6 chrB3.567020A | G | 0.09935 | 3996 |
| 6 chrB3.567325A | G | 0.352 | 4006 |
| 6 chrB3.567659A | C | 0.07436 | 3994 |
| 6 chrB3.568057C | A | 0.1661 | 3992 |
| 6 chrB3.568543G | A | 0.138 | 4000 |
| 6 chrB3.569365A | C | 0.08641 | 4004 |
| 6 chrB3.569646A | G | 0.3048 | 4000 |
| 6 chrB3.569885G | A | 0.365 | 3994 |
| 6 chrB3.570194A | G | 0.426 | 3998 |
| 6 chrB3.570774A | G | 0.2846 | 3960 |
| 6 chrB3.571167A | G | 0.3368 | 3996 |
| 6 chrB3.571532G | A | 0.4532 | 3950 |
| 6 chrB3.572046G | A | 0.2566 | 4002 |
| 6 chrB3.572293A | G | 0.1318 | 3998 |
| 6 chrB3.572561A | G | 0.3475 | 4000 |
| 6 chrB3.572570A | G | 0.1469 | 3968 |
| 6 chrB3.572952G | A | 0.1587 | 3976 |
| 6 chrB3.573412G | A | 0.2042 | 3638 |
| 6 chrB3.573653G | A | 0.06832 | 3996 |
| 6 chrB3.573969G | A | 0.3705 | 3986 |
| 6 chrB3.574341A | G | 0.3544 | 4004 |
| 6 chrB3.574776A | G | 0.2092 | 3996 |
| 6 chrB3.575380A | C | 0.1159 | 4002 |
| 6 chrB3.576059G | A | 0.1543 | 3914 |
| 6 chrB3.576419G | A | 0.2873 | 4000 |
| 6 chrB3.576825G | A | 0.1805 | 3990 |
| 6 chrB3.577395G | A | 0.1777 | 3996 |
| 6 chrB3.577760G | A | 0.3515 | 3994 |
| 6 chrB3.578224A | G | 0.07207 | 4010 |
| 6 chrB3.578844A | C | 0.227 | 3970 |
| 6 chrB3.579877A | C | 0.4314 | 3904 |
| 6 chrB3.580229G | A | 0.2457 | 3976 |
| 6 chrB3.580747A | G | 0.2335 | 3914 |
| 6 chrB3.581279G | A | 0.2076 | 3994 |
| 6 chrB3.581561G | A | 0.3516 | 3868 |
| 6 chrB3.581929G | A | 0.34 | 4000 |
| 6 chrB3.582572A | G | 0.2936 | 3992 |

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| 6 chrB3.582883G | A | 0.1993 | 4000 |
| 6 chrB3.583384G | A | 0.3136 | 4008 |
| 6 chrB3.583867G | A | 0.1191 | 3996 |
| 6 chrB3.584458G | A | 0.2108 | 3994 |
| 6 chrB3.584934A | G | 0.1561 | 3998 |
| 6 chrB3.585350G | A | 0.1402 | 3994 |
| 6 chrB3.585683C | A | 0.1544 | 3996 |
| 6 chrB3.586171A | C | 0.1022 | 3884 |
| 6 chrB3.586573A | G | 0.04846 | 3838 |
| 6 chrB3.586768 | 0 G | 0 | 4010 |
| 6 chrB3.586867G | A | 0.2858 | 3996 |
| 6 chrB3.587111G | A | 0.02711 | 3910 |
| 6 chrB3.587854G | A | 0.0312 | 4006 |
| 6 chrB3.588189A | G | 0.1439 | 4002 |
| 6 chrB3.588502G | A | 0.2092 | 3992 |
| 6 chrB3.588874G | A | 0.1577 | 4000 |
| 6 chrB3.589288A | C | 0.02369 | 3968 |
| 6 chrB3.589573G | A | 0.1909 | 3940 |
| 6 chrB3.590073A | G | 0.1705 | 3860 |
| 6 chrB3.590684A | G | 0.1081 | 3942 |
| 6 chrB3.590931A | C | 0.2331 | 3960 |
| 6 chrB3.590980A | G | 0.4611 | 3936 |
| 6 chrB3.591576G | A | 0.01322 | 4008 |
| 6 chrB3.592140A | G | 0.1185 | 3704 |
| 6 chrB3.592541G | A | 0.2404 | 4002 |
| 6 chrB3.593117A | G | 0.007735 | 4008 |
| 6 chrB3.593423G | A | 0.01995 | 4010 |
| 6 chrB3.593688G | A | 0.2305 | 3978 |
| 6 chrB3.593963A | G | 0.4962 | 3990 |
| 6 chrB3.595200A | G | 0.2687 | 3788 |
| 6 chrB3.595925A | G | 0.2049 | 4002 |
| 6 chrB3.596323G | A | 0.115 | 4010 |
| 6 chrB3.596998G | A | 0.181 | 3988 |
| 6 chrUn30.7748G | A | 0.1133 | 4006 |
| 6 chrUn30.7708A | G | 0.3628 | 4010 |
| 6 chrUn30.7668G | A | 0.2732 | 3982 |
| 6 chrUn30.7620G | A | 0.1944 | 4002 |
| 6 chrUn30.7584A | G | 0.06083 | 3962 |
| 6 chrUn30.7510G | A | 0.3423 | 3994 |
| 6 chrUn30.7448G | A | 0.2912 | 3980 |
| 6 chrUn30.7360A | C | 0.2708 | 3686 |

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| 6 chrUn30.733:A | G | 0.03593 | 3924 |
| 6 chrUn30.730:G | A | 0.104 | 4000 |
| 6 chrUn30.729:A | C | 0.04625 | 4000 |
| 6 chrUn30.724:G | A | 0.324 | 3830 |
| 6 chrUn30.721:A | G | 0.1854 | 3964 |
| 6 chrUn.14084:A | G | 0.1676 | 3718 |
| 6 chrUn30.718:G | A | 0.08675 | 4000 |
| 6 chrUn30.713:A | C | 0.02824 | 4002 |
| 6 chrUn30.708:A | C | 0.05871 | 3986 |
| 6 chrUn30.705:G | A | 0.2225 | 3996 |
| 6 chrUn30.701:A | G | 0.3801 | 4004 |
| 6 chrUn30.698:G | A | 0.3384 | 3844 |
| 6 chrUn30.693:A | G | 0.3943 | 4002 |
| 6 chrUn30.690:C | A | 0.3984 | 3988 |
| 6 chrUn30.687:C | A | 0.3373 | 3990 |
| 6 chrUn30.683:A | G | 0.3536 | 3942 |
| 6 chrUn30.679:A | G | 0.3607 | 4006 |
| 6 chrUn30.676:A | G | 0.04718 | 4006 |
| 6 chrUn30.671:G | A | 0.489 | 3996 |
| 6 chrUn30.669:A | G | 0.16 | 4006 |
| 6 chrUn30.666:A | G | 0.2276 | 3822 |
| 6 chrUn.61522:A | G | 0.0255 | 3922 |
| 6 chrUn30.663:A | G | 0.4922 | 3990 |
| 6 chrUn30.660:A | G | 0.4068 | 3992 |
| 6 chrUn30.654:G | A | 0.1395 | 3992 |
| 6 chrUn30.650:A | C | 0.2959 | 3998 |
| 6 chrUn30.647:G | A | 0.2268 | 3880 |
| 6 chrUn30.645:G | A | 0.09849 | 3980 |
| 6 chrUn30.641:A | G | 0.231 | 4000 |
| 6 chrUn30.637:A | G | 0.2334 | 3994 |
| 6 chrUn30.633:G | A | 0.2906 | 3988 |
| 6 chrUn30.629:C | A | 0.1149 | 3838 |
| 6 chrUn30.628:A | G | 0.3593 | 4008 |
| 6 chrUn30.625:G | A | 0.1131 | 3916 |
| 6 chrUn.55827:A | G | 0.1884 | 4002 |
| 6 chrUn30.620:G | A | 0.2487 | 3980 |
| 6 chrUn30.615:G | A | 0.3514 | 3984 |
| 6 chrUn30.607:A | G | 0.2384 | 4002 |
| 6 chrUn30.597:A | C | 0.1645 | 3952 |
| 6 chrUn30.582:G | A | 0.2273 | 4004 |
| 6 chrUn30.578:G | A | 0.2401 | 3998 |

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| 6 chrUn30.574:A | G | 0.03846 | 4004 |
| 6 chrUn30.570:A | A | 0.2891 | 3974 |
| 6 chrUn30.566:A | G | 0.3805 | 3968 |
| 6 chrUn30.553:A | 0 C | 0 | 4010 |
| 6 chrUn30.556:A | C | 0.4834 | 3966 |
| 6 chrUn30.550:A | G | 0.03023 | 3904 |
| 6 chrUn30.547:A | C | 0.07873 | 3874 |
| 6 chrUn30.544:A | G | 0.2868 | 3996 |
| 6 chrUn30.541:A | G | 0.03055 | 3994 |
| 6 chrUn30.538:A | G | 0.038 | 4000 |
| 6 chrUn30.533:A | G | 0.2923 | 4010 |
| 6 chrUn30.530:A | A | 0.1776 | 3970 |
| 6 chrUn30.526:A | G | 0.3547 | 4006 |
| 6 chrUn30.522:A | G | 0.4786 | 3976 |
| 6 chrUn30.516:A | G | 0.07631 | 3774 |
| 6 chrUn30.513:A | G | 0.06693 | 4004 |
| 6 chrUn30.511:A | G | 0.4757 | 3994 |
| 6 chrUn30.502:A | G | 0.002248 | 4004 |
| 6 chrUn30.499:A | A | 0.475 | 3998 |
| 6 chrUn30.495:A | G | 0.3866 | 3994 |
| 6 chrUn30.487:A | C | 0.08692 | 3992 |
| 6 chrUn30.480:A | G | 0.09232 | 4008 |
| 6 chrUn30.478:A | G | 0.373 | 3834 |
| 6 chrUn30.474:A | G | 0.3405 | 3974 |
| 6 chrUn30.468:A | A | 0.2891 | 3922 |
| 6 chrUn30.463:A | A | 0.3117 | 4004 |
| 6 chrUn30.458:A | G | 0.04574 | 3804 |
| 6 chrUn30.453:A | A | 0.2209 | 3998 |
| 6 chrUn30.452:A | A | 0.3504 | 3998 |
| 6 chrUn30.450:A | G | 0.1271 | 3894 |
| 6 chrUn30.447:A | C | 0.01092 | 3936 |
| 6 chrUn30.441:A | A | 0.03974 | 3976 |
| 6 chrUn.69355:A | C | 0.4295 | 3972 |
| 6 chrUn30.433:A | A | 0.1495 | 4006 |
| 6 chrUn30.428:A | G | 0.04893 | 4006 |
| 6 chrUn30.422:A | A | 0.2208 | 3994 |
| 6 chrUn30.418:A | G | 0.3323 | 4002 |
| 6 chrUn30.405:A | G | 0.2637 | 4000 |
| 6 chrUn30.402:A | G | 0.1702 | 4006 |
| 6 chrUn30.399:A | G | 0.2599 | 3998 |
| 6 chrUn30.394:A | G | 0.08672 | 3990 |

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| 6 chrUn30.3917 | G | A | 0.05177 | 3786 |
| 6 chrUn30.3871 | A | G | 0.1892 | 4002 |
| 6 chrUn30.3831 | A | C | 0.2555 | 4004 |
| 6 chrUn30.3804 | G | A | 0.09815 | 4004 |
| 6 chrUn30.3727 | G | A | 0.1189 | 4002 |
| 6 chrUn30.3681 | G | A | 0.09905 | 3998 |
| 6 chrUn30.3620 | C | A | 0.05617 | 4006 |
| 6 chrUn30.3570 | A | G | 0.07457 | 3996 |
| 6 chrUn30.3524 | G | A | 0.1342 | 3898 |
| 6 chrUn30.3490 | A | G | 0.2284 | 3998 |
| 6 chrUn.938491 | C | A | 0.2364 | 3976 |
| 6 chrUn30.3401 | G | A | 0.2187 | 3988 |
| 6 chrUn30.3360 | A | G | 0.003023 | 3970 |
| 6 chrUn30.3320 | A | G | 0.1317 | 3970 |
| 6 chrUn30.3261 | G | A | 0.1519 | 3976 |
| 6 chrUn30.3211 | C | A | 0.3348 | 3990 |
| 6 chrUn30.3147 | G | A | 0.2232 | 3996 |
| 6 chrUn30.3101 | G | A | 0.002996 | 4006 |
| 6 chrUn30.3050 | C | A | 0.3051 | 4008 |
| 6 chrUn30.3001 | A | G | 0.003992 | 4008 |
| 6 chrUn.626271 | G | A | 0.3039 | 3992 |
| 6 chrUn30.2940 | G | A | 0.1088 | 3988 |
| 6 chrUn30.2901 | A | C | 0.02884 | 3988 |
| 6 chrUn30.2830 | A | G | 0.327 | 3914 |
| 6 chrUn30.2767 | A | G | 0.4033 | 3980 |
| 6 chrUn30.2714 | G | A | 0.2143 | 4008 |
| 6 chrUn30.2690 | A | G | 0.05081 | 3956 |
| 6 chrUn30.2651 | A | G | 0.2912 | 4008 |
| 6 chrUn30.2581 | A | G | 0.05185 | 3992 |
| 6 chrB3.701222 | A | G | 0.06409 | 4010 |
| 6 chrB3.700594 | G | A | 0.207 | 3990 |
| 6 chrB3.700121 | C | A | 0.2928 | 3952 |
| 6 chrD1.117337 | A | C | 0.434 | 3968 |
| 6 chrB3.699650 | C | A | 0.3442 | 3998 |
| 6 chrB3.699081 | A | G | 0.07635 | 4008 |
| 6 chrB3.698316 | G | A | 0.1375 | 4006 |
| 6 chrB3.698070 | C | A | 0.3674 | 3958 |
| 6 chrB3.697767 | A | G | 0.09692 | 3962 |
| 6 chrUn.499081 | G | A | 0.138 | 3986 |
| 6 chrB3.697201 | A | G | 0.04133 | 3992 |
| 6 chrB3.696766 | A | G | 0.3622 | 3934 |

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| 6 chrB3.696040G | A | 0.3874 | 3996 |
| 6 chrB3.695783A | G | 0.1014 | 4004 |
| 6 chrB3.694600A | G | 0.1922 | 3908 |
| 6 chrB3.694080G | A | 0.4019 | 4006 |
| 6 chrB3.693727A | C | 0.4005 | 3910 |
| 6 chrB3.692841A | G | 0.2363 | 3978 |
| 6 chrB3.692109G | A | 0.4352 | 3994 |
| 6 chrUn.112747A | G | 0.2306 | 3938 |
| 6 chrB3.690845G | A | 0.07021 | 3988 |
| 6 chrB3.690380G | A | 0.1273 | 3998 |
| 6 chrB3.689101G | A | 0.006732 | 3862 |
| 6 chrB3.688449A | C | 0.4635 | 3996 |
| 6 chrB3.688009G | A | 0.4366 | 3988 |
| 6 chrB3.687557A | G | 0.1735 | 4000 |
| 6 chrB3.687136G | A | 0.1897 | 4000 |
| 6 chrB3.686929G | A | 0.02047 | 4006 |
| 6 chrB3.686562G | A | 0.2078 | 4004 |
| 6 chrB3.686244G | A | 0.4593 | 4000 |
| 6 chrB3.685973G | A | 0.1386 | 3976 |
| 6 chrB3.685566G | A | 0.3241 | 3992 |
| 6 chrB3.685105G | A | 0.3368 | 3990 |
| 6 chrB3.684716G | A | 0.4927 | 3976 |
| 6 chrB3.684337A | C | 0.00841 | 3924 |
| 6 chrB3.683677A | G | 0.2466 | 3946 |
| 6 chrB3.682710G | A | 0.1707 | 4002 |
| 6 chrB3.682261A | G | 0.3775 | 4000 |
| 6 chrB3.682013A | G | 0.1157 | 3992 |
| 6 chrB3.681352A | G | 0.09601 | 4010 |
| 6 chrB3.681107C | A | 0.2113 | 3984 |
| 6 chrB3.680729G | A | 0.09445 | 4002 |
| 6 chrB3.680644A | C | 0.2763 | 3988 |
| 6 chrB3.679863A | C | 0.001746 | 4010 |
| 6 chrB3.679576A | G | 0.156 | 3968 |
| 6 chrB3.679161A | G | 0.1975 | 3990 |
| 6 chrB3.678879C | A | 0.0806 | 3958 |
| 6 chrB3.678172A | G | 0.1705 | 3864 |
| 6 chrB3.677645A | G | 0.1359 | 4004 |
| 6 chrB3.677040A | G | 0.1873 | 3994 |
| 6 chrB3.675930C | A | 0.3386 | 3996 |
| 6 chrB3.675487C | A | 0.04975 | 4000 |
| 6 chrB3.674822A | G | 0.3053 | 3918 |

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| 6 chrB3.674568G | A | 0.4245 | 3988 |
| 6 chrB3.674141A | G | 0.3156 | 3996 |
| 6 chrB3.673792A | G | 0.09705 | 3998 |
| 6 chrB3.673357A | G | 0.1362 | 4000 |
| 6 chrB3.672973A | G | 0.1074 | 4002 |
| 6 chrB3.672705A | G | 0.09825 | 4000 |
| 6 chrB3.672240G | A | 0.1252 | 4002 |
| 6 chrB3.671784G | A | 0.1478 | 3998 |
| 6 chrB3.671506A | G | 0.1958 | 3998 |
| 6 chrB3.670913C | A | 0.4238 | 4004 |
| 6 chrB3.670453G | A | 0.2542 | 4004 |
| 6 chrB3.670056A | G | 0.01796 | 4008 |
| 6 chrB3.669671G | A | 0.2031 | 3958 |
| 6 chrB3.669366A | G | 0.2 | 3960 |
| 6 chrB3.669291G | A | 0.1743 | 3982 |
| 6 chrB3.668871A | G | 0.05314 | 4008 |
| 6 chrB3.668189A | G | 0.2344 | 3980 |
| 6 chrB3.667562C | A | 0.08671 | 4002 |
| 6 chrB3.667236G | A | 0.4645 | 3998 |
| 6 chrB3.666837A | G | 0.05813 | 4008 |
| 6 chrB3.666506A | C | 0.06147 | 4002 |
| 6 chrB3.666247A | G | 0.038 | 4000 |
| 6 chrB3.666002A | G | 0.06537 | 4008 |
| 6 chrB3.665382A | G | 0.3152 | 3962 |
| 6 chrB3.665089A | G | 0.2705 | 4004 |
| 6 chrB3.664357G | A | 0.3741 | 3996 |
| 6 chrB3.663842A | G | 0.06774 | 3912 |
| 6 chrB3.663464A | G | 0.3757 | 4006 |
| 6 chrB3.662876A | G | 0.1887 | 4006 |
| 6 chrB3.662484A | G | 0.05903 | 3964 |
| 6 chrB3.662188G | A | 0.00499 | 4008 |
| 6 chrB3.661894A | G | 0.1026 | 3996 |
| 6 chrB3.661417A | G | 0.3153 | 4006 |
| 6 chrB3.660966A | G | 0.3793 | 3928 |
| 6 chrB3.660677G | A | 0.0855 | 4000 |
| 6 chrB3.660366A | C | 0.3697 | 3992 |
| 6 chrB3.659698G | A | 0.4118 | 4004 |
| 6 chrB3.658806A | G | 0.3637 | 3984 |
| 6 chrB3.658300G | A | 0.243 | 4000 |
| 6 chrB3.657934A | G | 0.0993 | 4008 |
| 6 chrB3.657412A | G | 0.24 | 4000 |

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| 6 chrB3.656974A | G | 0.1313 | 3998 |
| 6 chrB3.656477A | G | 0.05478 | 3998 |
| 6 chrB3.656393A | G | 0.4363 | 4004 |
| 6 chrB3.656133G | A | 0.3211 | 3824 |
| 6 chrB3.655770A | G | 0.002251 | 3998 |
| 6 chrB3.655488A | C | 0.2974 | 3978 |
| 6 chrB3.655252A | C | 0.1974 | 3996 |
| 6 chrB3.654938C | A | 0.01529 | 3990 |
| 6 chrB3.654542G | A | 0.1674 | 4008 |
| 6 chrB3.654239A | G | 0.1078 | 3990 |
| 6 chrB3.653862C | A | 0.009745 | 4002 |
| 6 chrB3.653383A | G | 0.01005 | 3980 |
| 6 chrUn.236761A | G | 0.387 | 3992 |
| 6 chrB3.652892G | A | 0.07796 | 4002 |
| 6 chrB3.652872 | 0 G | 0 | 4010 |
| 6 chrB3.652111A | G | 0.08404 | 3998 |
| 6 chrB3.651320G | A | 0.1557 | 4002 |
| 6 chrB3.650901A | G | 0.3171 | 3910 |
| 6 chrUn.307661A | C | 0.1746 | 3974 |
| 6 chrB3.650621C | A | 0.3487 | 4004 |
| 6 chrB3.649586G | A | 0.003776 | 3972 |
| 6 chrB3.649342G | A | 0.2377 | 3896 |
| 6 chrB3.648599A | G | 0.2094 | 3974 |
| 6 chrB3.648253G | A | 0.1483 | 3998 |
| 6 chrB3.647836G | A | 0.2643 | 3988 |
| 6 chrB3.647391A | G | 0.4394 | 3992 |
| 6 chrB3.646924G | A | 0.3325 | 4000 |
| 6 chrB3.646173A | G | 0.2874 | 3998 |
| 6 chrB3.645780A | G | 0.4568 | 4006 |
| 6 chrB3.645454G | A | 0.2626 | 4002 |
| 6 chrB3.644922G | A | 0.05328 | 3998 |
| 6 chrB3.644238A | G | 0.02963 | 3982 |
| 6 chrB3.643703C | A | 0.2759 | 4008 |
| 6 chrB3.643312G | A | 0.4536 | 3922 |
| 6 chrB3.642925G | A | 0.3177 | 4010 |
| 6 chrB3.642874G | A | 0.3427 | 4004 |
| 6 chrB3.642379A | G | 0.1882 | 3974 |
| 6 chrB3.642081A | G | 0.09155 | 3998 |
| 6 chrB3.641000G | A | 0.4126 | 3972 |
| 6 chrB3.640726G | A | 0.1401 | 4004 |
| 6 chrB3.640376G | A | 0.4269 | 3860 |

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| 6 chrB3.639925A | G | 0.2493 | 4004 |
| 6 chrB3.639603A | G | 0.3026 | 3976 |
| 6 chrB3.639216G | A | 0.2783 | 3982 |
| 6 chrB3.638852G | A | 0.1006 | 4006 |
| 6 chrB3.638564C | A | 0.4167 | 3998 |
| 6 chrB3.637767A | G | 0.2592 | 4004 |
| 6 chrUn.41777(A | G | 0.2818 | 3992 |
| 6 chrB3.637519G | A | 0.1436 | 3996 |
| 6 chrB3.637246A | G | 0.03825 | 4000 |
| 6 chrB3.636954G | A | 0.241 | 4004 |
| 6 chrB3.636509A | G | 0.4157 | 3998 |
| 6 chrB3.636095A | C | 0.005261 | 3992 |
| 6 chrB3.635976G | A | 0.2289 | 4002 |
| 6 chrB3.635692G | A | 0.1508 | 3998 |
| 6 chrB3.635362G | A | 0.2912 | 4004 |
| 6 chrB3.635005A | G | 0.4399 | 3994 |
| 6 chrUn.42760(G | A | 0.3895 | 3620 |
| 6 chrB3.634012A | G | 0.2576 | 4002 |
| 6 chrB3.633647G | A | 0.2867 | 4004 |
| 6 chrB3.633394G | A | 0.3257 | 4004 |
| 6 chrB3.633033A | G | 0.05025 | 4000 |
| 6 chrB3.63263(A | G | 0.07285 | 4008 |
| 6 chrB3.631587A | G | 0.1159 | 4002 |
| 6 chrB3.142347A | G | 0.03418 | 4008 |
| 6 chrB3.631171G | A | 0.2697 | 4004 |
| 6 chrB3.630591C | A | 0.1105 | 3992 |
| 6 chrB3.63035(A | G | 0.3168 | 3990 |
| 6 chrB3.629128C | A | 0.1414 | 4002 |
| 6 chrB3.628725A | G | 0.1606 | 3998 |
| 6 chrB3.628483A | C | 0.2694 | 3986 |
| 6 chrB3.628027G | A | 0.05317 | 4006 |
| 6 chrB3.62747(A | G | 0.4545 | 3998 |
| 6 chrB3.62690(A | G | 0.3028 | 3950 |
| 6 chrB3.626598A | G | 0.3498 | 3734 |
| 6 chrB3.626516A | G | 0.1704 | 3984 |
| 6 chrB3.626358A | G | 0.2104 | 3998 |
| 6 chrB3.625986G | A | 0.4935 | 3980 |
| 6 chrB3.625664A | G | 0.02733 | 3988 |
| 6 chrB3.625347A | G | 0.3611 | 3960 |
| 6 chrB3.624659A | G | 0.3201 | 4008 |
| 6 chrB3.623739C | A | 0.0972 | 4002 |

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| 6 chrUn30.255(A | C | 0.01598 | 3880 |
| 6 chrUn30.251(A | G | 0.2349 | 3998 |
| 6 chrUn30.240(G | A | 0.2695 | 4000 |
| 6 chrUn30.236(A | G | 0.4296 | 3992 |
| 6 chrUn30.233(A | G | 0.3869 | 3988 |
| 6 chrUn30.230(A | C | 0.3043 | 3986 |
| 6 chrUn30.223(G | A | 0.1257 | 3994 |
| 6 chrUn30.220(G | A | 0.2263 | 4004 |
| 6 chrUn30.218(G | A | 0.1765 | 4006 |
| 6 chrUn30.213(A | G | 0.2399 | 3972 |
| 6 chrUn30.211(G | A | 0.1128 | 4008 |
| 6 chrUn30.208(G | A | 0.2117 | 3992 |
| 6 chrB3.71777(A | G | 0.2693 | 3996 |
| 6 chrUn30.203(A | C | 0.07375 | 4000 |
| 6 chrUn30.197(C | A | 0.1287 | 3970 |
| 6 chrUn30.192(G | A | 0.04289 | 4010 |
| 6 chrUn30.187(A | C | 0.03018 | 3976 |
| 6 chrUn30.180(G | A | 0.1356 | 3996 |
| 6 chrUn30.176(A | G | 0.2696 | 4002 |
| 6 chrUn30.172(A | G | 0.4839 | 3986 |
| 6 chrUn30.167(G | A | 0.48 | 3998 |
| 6 chrUn30.162(C | A | 0.0947 | 4002 |
| 6 chrUn30.157(A | G | 0.04092 | 4008 |
| 6 chrUn30.153(C | A | 0.03306 | 3720 |
| 6 chrUn30.146(A | G | 0.4375 | 3982 |
| 6 chrUn30.143(G | A | 0.08589 | 3982 |
| 6 chrUn30.139(A | G | 0.2033 | 4004 |
| 6 chrD3.70501(A | G | 0.2348 | 3982 |
| 6 chrUn30.130(G | A | 0.1063 | 3960 |
| 6 chrUn30.127(G | A | 0.093 | 3742 |
| 6 chrUn30.120(A | C | 0.07139 | 3936 |
| 6 chrUn30.115(A | C | 0.06415 | 4006 |
| 6 chrB3.70245(G | A | 0.101 | 3970 |
| 6 chrB3.70282(G | A | 0.1159 | 3840 |
| 6 chrB3.70306(G | A | 0.3327 | 4004 |
| 6 chrB3.70312(G | A | 0.3295 | 3988 |
| 6 chrB3.70332(A | G | 0.0273 | 3846 |
| 6 chrB3.70368(C | A | 0.2544 | 3986 |
| 6 chrB3.70423(C | A | 0.02075 | 3952 |
| 6 chrB3.70471(C | A | 0.3225 | 3696 |
| 6 chrB3.70558(A | G | 0.2414 | 3898 |

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| 6 chrB3.705867A | C | 0.1254 | 4004 |
| 6 chrB3.706171A | G | 0.4092 | 3996 |
| 6 chrB3.706755A | G | 0.1506 | 3884 |
| 6 chrB3.707342A | G | 0.3182 | 3960 |
| 6 chrB3.708537A | G | 0.1764 | 3992 |
| 6 chrB3.708907A | G | 0.4421 | 3990 |
| 6 chrB3.709094A | G | 0.3235 | 3994 |
| 6 chrB3.709444G | A | 0.4533 | 4008 |
| 6 chrB3.709906C | A | 0.2789 | 4002 |
| 6 chrB3.710242A | G | 0.09915 | 4004 |
| 6 chrB3.710544G | A | 0.2743 | 4006 |
| 6 chrB3.710897G | A | 0.06456 | 3996 |
| 6 chrB3.711235A | G | 0.1493 | 4006 |
| 6 chrB3.712866C | A | 0.4061 | 3992 |
| 6 chrB3.713109G | A | 0.07885 | 3982 |
| 6 chrB3.714198G | A | 0.3029 | 3998 |
| 6 chrB3.714456G | A | 0.4815 | 3994 |
| 6 chrB3.715244A | C | 0.3867 | 3980 |
| 6 chrB3.715766G | A | 0.2303 | 3994 |
| 6 chrB3.717119G | A | 0.4762 | 3908 |
| 6 chrB3.718336C | A | 0.1306 | 3996 |
| 6 chrB3.718706A | G | 0.2816 | 4006 |
| 6 chrB3.719406A | C | 0.4032 | 4008 |
| 6 chrB3.719722G | A | 0.3149 | 4004 |
| 6 chrB3.719966A | G | 0.414 | 4002 |
| 6 chrB3.721009G | A | 0.3896 | 4004 |
| 6 chrB3.721808A | G | 0.4747 | 3920 |
| 6 chrB3.722088A | G | 0.3854 | 3996 |
| 6 chrB3.722358A | G | 0.273 | 3978 |
| 6 chrB3.722615A | C | 0.3195 | 3984 |
| 6 chrB3.723177A | G | 0.3283 | 4008 |
| 6 chrB3.723505A | G | 0.13 | 4008 |
| 6 chrB3.724004G | A | 0.03102 | 3998 |
| 6 chrB3.724324A | G | 0.3832 | 3998 |
| 6 chrB3.724684A | G | 0.3137 | 3994 |
| 6 chrB3.725562G | A | 0.08953 | 4010 |
| 6 chrB3.726351A | G | 0.1254 | 3996 |
| 6 chrB3.726718A | G | 0.4432 | 3980 |
| 6 chrB3.726756G | A | 0.3449 | 3998 |
| 6 chrB3.727979G | A | 0.3134 | 4008 |
| 6 chrB3.728293G | A | 0.09211 | 4006 |

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| 6 chrB3.729018A | C | 0.1852 | 4006 |
| 6 chrB3.729345G | A | 0.2181 | 3970 |
| 6 chrB3.729627A | G | 0.477 | 4006 |
| 6 chrB3.730043A | G | 0.1264 | 3978 |
| 6 chrB3.730715G | A | 0.2362 | 3992 |
| 6 chrB3.731225G | A | 0.2001 | 3988 |
| 6 chrB3.732260A | G | 0.02297 | 4006 |
| 6 chrB3.732566A | G | 0.3913 | 3994 |
| 6 chrB3.732877G | A | 0.2208 | 3994 |
| 6 chrB3.733150A | G | 0.1573 | 3992 |
| 6 chrB3.733792G | A | 0.08234 | 4008 |
| 6 chrB3.734339G | A | 0.2687 | 3926 |
| 6 chrB3.734882A | G | 0.4557 | 3926 |
| 6 chrB3.734883A | G | 0.1002 | 3872 |
| 6 chrB3.735323A | G | 0.104 | 4010 |
| 6 chrB3.735824G | A | 0.1039 | 3994 |
| 6 chrB3.736062G | A | 0.307 | 3944 |
| 6 chrB3.736802A | C | 0.0416 | 3894 |
| 6 chrB3.737216G | A | 0.06463 | 3992 |
| 6 chrB3.737587A | G | 0.4664 | 3956 |
| 6 chrB3.737872A | G | 0.2091 | 3988 |
| 6 chrB3.738175A | G | 0.4456 | 3992 |
| 6 chrB3.738458A | G | 0.186 | 3990 |
| 6 chrB3.738860G | A | 0.4472 | 3998 |
| 6 chrB3.739304A | G | 0.3601 | 3996 |
| 6 chrB3.739686A | G | 0.3328 | 3942 |
| 6 chrUn.678470C | A | 0.4808 | 4004 |
| 6 chrB3.740442G | A | 0.2526 | 3998 |
| 6 chrB3.740786A | C | 0.148 | 3980 |
| 6 chrB3.741700A | G | 0.1966 | 3998 |
| 6 chrB3.742450G | A | 0.2215 | 4004 |
| 6 chrB3.742687A | G | 0.02875 | 4000 |
| 6 chrB3.742938G | A | 0.1868 | 3982 |
| 6 chrB3.743204C | A | 0.1418 | 3998 |
| 6 chrX.8157167A | G | 0.4107 | 3896 |
| 6 chrX.8158323A | C | 0.1684 | 3990 |
| 6 chrB3.743587A | G | 0.3112 | 3998 |
| 6 chrB3.743987G | A | 0.24 | 3988 |
| 6 chrB3.744517A | G | 0.4773 | 4004 |
| 6 chrB3.744796G | A | 0.123 | 4000 |
| 6 chrB3.745118A | G | 0.3209 | 4010 |

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| 6 chrB3.745757G | A | 0.4965 | 3964 |
| 6 chrB3.746004A | G | 0.4462 | 3978 |
| 6 chrB3.746314G | A | 0.0745 | 4000 |
| 6 chrB3.746713G | A | 0.1176 | 4006 |
| 6 chrB3.747064 | 0 G | 0 | 4010 |
| 6 chrB3.747424C | A | 0.06857 | 3894 |
| 6 chrB3.747916G | A | 0.2077 | 3996 |
| 6 chrB3.748580G | A | 0.1688 | 4004 |
| 6 chrB3.748957A | G | 0.1213 | 4008 |
| 6 chrB3.749337A | G | 0.119 | 4008 |
| 6 chrB3.749578G | A | 0.2004 | 4002 |
| 6 chrB3.750081G | A | 0.0938 | 3998 |
| 6 chrB3.750538G | A | 0.3295 | 4006 |
| 6 chrB3.750917A | G | 0.4397 | 3998 |
| 6 chrB3.751264G | A | 0.1843 | 4004 |
| 6 chrB3.751562C | A | 0.1741 | 3986 |
| 6 chrB3.752040A | G | 0.1379 | 4002 |
| 6 chrB3.752306A | G | 0.04355 | 3720 |
| 6 chrB3.752848A | G | 0.009974 | 3910 |
| 6 chrB3.753192G | A | 0.1238 | 3990 |
| 6 chrB3.753451G | A | 0.0993 | 3998 |
| 6 chrB3.754858G | A | 0.1394 | 4004 |
| 6 chrUn.124490G | A | 0.3237 | 3998 |
| 6 chrB3.755353A | G | 0.2865 | 4000 |
| 6 chrB3.755625A | G | 0.485 | 3994 |
| 6 chrB3.756045A | G | 0.144 | 4008 |
| 6 chrB3.756317G | A | 0.03439 | 3896 |
| 6 chrB3.756584G | A | 0.2858 | 3908 |
| 6 chrB3.756930C | A | 0.08521 | 4002 |
| 6 chrB3.757588C | A | 0.4882 | 3998 |
| 6 chrB3.758679A | G | 0.007323 | 3960 |
| 6 chrB3.759079A | C | 0.1718 | 3992 |
| 6 chrB3.759340A | G | 0.0307 | 4006 |
| 6 chrB3.759668G | A | 0.2226 | 4002 |
| 6 chrB3.759935G | A | 0.3889 | 4004 |
| 6 chrB3.760325A | G | 0.2284 | 3998 |
| 6 chrB3.760724A | G | 0.3569 | 3900 |
| 6 chrB3.761021G | A | 0.3014 | 3952 |
| 6 chrB3.761425A | G | 0.03796 | 4004 |
| 6 chrB3.762711G | A | 0.4028 | 4002 |
| 6 chrB3.762737 | 0 G | 0 | 4010 |

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| 6 chrB3.76317A | G | 0.1267 | 4008 |
| 6 chrB3.76361A | G | 0.2981 | 3902 |
| 6 chrB3.76393A | G | 0.0585 | 4000 |
| 6 chrA2.15150G | A | 0.3864 | 3980 |
| 6 chrB3.76480G | A | 0.1678 | 3994 |
| 6 chrB3.76506G | A | 0.08725 | 3954 |
| 6 chrB3.76537G | A | 0.103 | 3972 |
| 6 chrB3.76573G | A | 0.01528 | 3992 |
| 6 chrB3.76598G | A | 0.02224 | 3912 |
| 6 chrB3.76642A | G | 0.4145 | 3990 |
| 6 chrB3.76688C | A | 0.2173 | 3986 |
| 6 chrB3.76748A | G | 0.1736 | 4004 |
| 6 chrB3.76794A | G | 0.3547 | 3986 |
| 6 chrB3.76861A | G | 0.2418 | 4008 |
| 6 chrB3.76904A | G | 0.352 | 4000 |
| 6 chrB3.76951A | G | 0.01744 | 3670 |
| 6 chrB3.76983C | A | 0.3408 | 3832 |
| 6 chrB3.77031A | G | 0.07258 | 3954 |
| 6 chrB3.77059A | G | 0.2087 | 4006 |
| 6 chrB3.77113A | C | 0.1124 | 4002 |
| 6 chrB3.77142A | G | 0.3812 | 3898 |
| 6 chrB3.77172A | G | 0.4304 | 3964 |
| 6 chrB3.77209G | A | 0.1739 | 3986 |
| 6 chrB3.77225A | G | 0.03327 | 3998 |
| 6 chrB3.77242A | G | 0.0771 | 4008 |
| 6 chrB3.77269A | G | 0.07943 | 3966 |
| 6 chrB3.77352G | A | 0.09745 | 4002 |
| 6 chrB3.77392A | G | 0.1929 | 3960 |
| 6 chrB3.77429A | G | 0.2037 | 4006 |
| 6 chrB3.77480G | A | 0.04468 | 4006 |
| 6 chrB3.77512A | G | 0.3447 | 4006 |
| 6 chrB3.77553A | C | 0.4281 | 3994 |
| 6 chrB3.77585A | G | 0.02071 | 4008 |
| 6 chrB3.77639G | A | 0.426 | 4000 |
| 6 chrB3.77665A | C | 0.02944 | 4008 |
| 6 chrB3.77680G | A | 0.0007485 | 4008 |
| 6 chrB3.77713C | A | 0.03242 | 4010 |
| 6 chrB3.77768A | C | 0.3807 | 4008 |
| 6 chrB3.77947C | A | 0.2277 | 3996 |
| 6 chrB3.77984G | A | 0.1792 | 4006 |
| 6 chrUn.31653A | C | 0.0106 | 3680 |

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| 6 chrUn.45310fC | A | 0.1124 | 3666 |
| 6 chrC1.11099fA | G | 0.2805 | 3908 |
| 6 chrB3.78154fG | A | 0.02795 | 3900 |
| 6 chrB3.78209fA | C | 0.3516 | 3996 |
| 6 chrB3.78273fA | G | 0.4938 | 3864 |
| 6 chrB3.78336fC | A | 0.4494 | 3992 |
| 6 chrB3.78385fA | G | 0.05842 | 3954 |
| 6 chrB3.78414fG | A | 0.4225 | 3988 |
| 6 chrB3.78454fG | A | 0.4935 | 3988 |
| 6 chrB3.78460fC | A | 0.4271 | 3964 |
| 6 chrB3.78504fG | A | 0.02387 | 3812 |
| 6 chrB3.78530fG | A | 0.3626 | 3958 |
| 6 chrB3.78560fA | G | 0.45 | 3998 |
| 6 chrB3.78604fA | G | 0.07527 | 3866 |
| 6 chrB3.78655fA | G | 0.2188 | 3994 |
| 6 chrB3.78768fG | A | 0.1927 | 3980 |
| 6 chrB3.78769fA | G | 0.1269 | 4004 |
| 6 chrB3.78815fA | G | 0.03896 | 4004 |
| 6 chrB3.78859fA | G | 0.213 | 4004 |
| 6 chrB3.78900fG | A | 0.05453 | 3998 |
| 6 chrB3.78932fG | A | 0.3827 | 3972 |
| 6 chrB3.78983fA | G | 0.3912 | 3990 |
| 6 chrB3.79082fC | A | 0.09425 | 4000 |
| 6 chrB3.79138fC | A | 0.4014 | 3986 |
| 6 chrB3.79181fC | A | 0.07665 | 3966 |
| 6 chrB3.79235fA | G | 0.2055 | 4000 |
| 6 chrB3.79263fA | G | 0.1535 | 3910 |
| 6 chrB3.79328fA | G | 0.1323 | 3998 |
| 6 chrB3.79367fG | A | 0.2556 | 4006 |
| 6 chrB3.79445fA | G | 0.1287 | 4002 |
| 6 chrB3.79479fG | A | 0.1081 | 4006 |
| 6 chrB3.79533fA | G | 0.3001 | 3996 |
| 6 chrB3.79577fA | C | 0.3631 | 3996 |
| 6 chrB3.79615fA | G | 0.3136 | 4002 |
| 6 chrB3.79630fG | A | 0.01097 | 4010 |
| 6 chrB3.79661fG | A | 0.02521 | 4006 |
| 6 chrB3.79709fG | A | 0.05137 | 4010 |
| 6 chrB3.79756fA | C | 0.117 | 3846 |
| 6 chrB3.79809fG | A | 0.04677 | 3998 |
| 6 chrB3.79837fA | G | 0.03919 | 3904 |
| 6 chrB3.79880fA | C | 0.37 | 4008 |

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| 6 chrB3.799223G | A | 0.1951 | 3992 |
| 6 chrB3.799534C | A | 0.3701 | 4002 |
| 6 chrB3.799819G | A | 0.08446 | 4002 |
| 6 chrB3.800457A | G | 0.3992 | 3980 |
| 6 chrB3.800871A | G | 0.0953 | 3956 |
| 6 chrB3.801177G | A | 0.3836 | 3996 |
| 6 chrB3.801771A | G | 0.1506 | 3998 |
| 6 chrB3.802196A | G | 0.448 | 3998 |
| 6 chrB3.802684A | G | 0.1558 | 4004 |
| 6 chrB3.802957G | A | 0.2632 | 3986 |
| 6 chrB3.803310C | A | 0.1487 | 4002 |
| 6 chrB3.803799A | G | 0.1079 | 4004 |
| 6 chrB3.804172G | A | 0.3856 | 3968 |
| 6 chrB3.804680A | C | 0.2181 | 4002 |
| 6 chrB3.804920A | C | 0.208 | 4004 |
| 6 chrB3.805409A | C | 0.2769 | 3998 |
| 6 chrB3.805538G | A | 0.0749 | 3992 |
| 6 chrB3.805943G | A | 0.1857 | 3996 |
| 6 chrB3.806387C | A | 0.1912 | 4006 |
| 6 chrB3.806821A | G | 0.1918 | 4010 |
| 6 chrB3.807149G | A | 0.3774 | 3980 |
| 6 chrB3.807619A | G | 0.3843 | 3864 |
| 6 chrB3.808179G | A | 0.4692 | 3960 |
| 6 chrB3.808760A | G | 0.3325 | 3916 |
| 6 chrB3.809163G | A | 0.04044 | 4006 |
| 6 chrB3.809532A | G | 0.298 | 3960 |
| 6 chrB3.809967G | A | 0.1516 | 3992 |
| 6 chrB3.810693A | G | 0.03443 | 3950 |
| 6 chrB3.811196G | A | 0.08367 | 4004 |
| 6 chrX.1474601C | A | 0.2029 | 3982 |
| 6 chrB3.811981A | G | 0.1028 | 3990 |
| 6 chrB3.812345A | C | 0.4865 | 3912 |
| 6 chrUn30.1098G | A | 0.4276 | 3800 |
| 6 chrUn30.1053A | G | 0.3994 | 4004 |
| 6 chrUn30.1018A | C | 0.004741 | 4008 |
| 6 chrUn30.9918A | G | 0.04073 | 4002 |
| 6 chrUn30.9283G | A | 0.0656 | 3872 |
| 6 chrUn30.9013C | A | 0.432 | 3970 |
| 6 chrUn30.8503G | A | 0.316 | 4000 |
| 6 chrUn30.8029A | C | 0.06237 | 3752 |
| 6 chrUn30.7783G | A | 0.1724 | 3928 |

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| 6 chrUn30.7204C | A | 0.3321 | 4008 |
| 6 chrUn30.1791A | G | 0.1029 | 4004 |
| 6 chrUn30.2431G | A | 0.3104 | 3982 |
| 6 chrUn30.3251G | A | 0.3766 | 4004 |
| 6 chrUn30.3671G | A | 0.1802 | 4002 |
| 6 chrUn.275131G | A | 0.2557 | 3926 |
| 6 chrUn30.4121A | G | 0.1077 | 3806 |
| 6 chrUn30.5791G | A | 0.08224 | 3976 |
| 6 chrUn30.6564G | A | 0.04119 | 4006 |
| 6 chrUn30.6701A | G | 0.05716 | 4006 |
| 6 chrUn.302461G | A | 0.3025 | 3990 |
| 6 chrUn8.90781C | A | 0.4616 | 3798 |
| 6 chrUn30.1441A | G | 0.1142 | 3870 |
| 6 chrUn30.1001C | A | 0.3161 | 3980 |
| 6 chrUn30.7661A | C | 0.1564 | 4002 |
| 6 chrUn.591851G | A | 0.2205 | 3900 |
| 6 chrC2.788677A | G | 0.419 | 3764 |
| 6 chrUn.130191G | A | 0.2061 | 3984 |
| 6 chrUn30.4921A | C | 0.01322 | 4010 |
| 6 chrUn30.1871A | G | 0.1205 | 3976 |
| 6 chrUn30.1811G | A | 0.04516 | 4008 |
| 6 chrUn.111044A | C | 0.05977 | 3982 |
| 6 chrB3.879691C | A | 0.2213 | 4000 |
| 6 chrUn.807561G | A | 0.4368 | 3990 |
| 6 chrB3.881561G | A | 0.07436 | 3994 |
| 6 chrB3.881871G | A | 0.3067 | 4000 |
| 6 chrB3.885384A | G | 0.2221 | 3998 |
| 6 chrB3.884747A | C | 0.2246 | 3846 |
| 6 chrB3.885737A | G | 0.3737 | 3966 |
| 6 chrB3.887121A | C | 0.4705 | 4004 |
| 6 chrB3.886171A | G | 0.2213 | 4000 |
| 6 chrB3.887104A | G | 0.03568 | 4008 |
| 6 chrB3.886834A | G | 0.1688 | 4000 |
| 6 chrB3.887434A | G | 0.2133 | 4004 |
| 6 chrB3.888381G | A | 0.1811 | 4004 |
| 6 chrB3.888661A | G | 0.08644 | 3864 |
| 6 chrB3.889701A | G | 0.2057 | 4000 |
| 6 chrB3.889114A | G | 0.07029 | 3998 |
| 6 chrB3.889191A | G | 0.04218 | 3770 |
| 6 chrB3.890461A | C | 0.1207 | 4002 |
| 6 chrB3.891011A | G | 0.4068 | 4002 |

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| 6 chrB3.891082 | 0 G | 0 | 4008 |
| 6 chrB3.891260 | G | 0.1436 | 3942 |
| 6 chrB3.891605 | A | 0.1143 | 4008 |
| 6 chrB3.892227 | A | 0.1801 | 4008 |
| 6 chrB3.892771 | G | 0.3247 | 3998 |
| 6 chrB3.893160 | G | 0.3008 | 3946 |
| 6 chrB3.893642 | C | 0.0145 | 4000 |
| 6 chrB3.893951 | A | 0.3654 | 4004 |
| 6 chrB3.894208 | A | 0.06364 | 3960 |
| 6 chrB3.894519 | A | 0.4297 | 3998 |
| 6 chrB3.895137 | A | 0.1363 | 3998 |
| 6 chrB3.895473 | A | 0.1379 | 3966 |
| 6 chrB3.895915 | A | 0.0007485 | 4008 |
| 6 chrB3.896662 | G | 0.2128 | 4004 |
| 6 chrB3.896942 | G | 0.1774 | 3868 |
| 6 chrB3.897796 | G | 0.1642 | 4008 |
| 6 chrB3.898109 | G | 0.3959 | 3988 |
| 6 chrB3.898548 | G | 0.03521 | 3806 |
| 6 chrB3.898829 | A | 0.2537 | 4000 |
| 6 chrB3.899820 | G | 0.343 | 3986 |
| 6 chrUn8.2445 | A | 0.2123 | 4000 |
| 6 chrX.569885 | C | 0.4701 | 3984 |
| 6 chrUn8.2717 | G | 0.08025 | 3950 |
| 6 chrUn8.2768 | C | 0.2605 | 3996 |
| 6 chrUn8.2788 | A | 0.05258 | 3994 |
| 6 chrUn8.2809 | A | 0.3161 | 3986 |
| 6 chrUn8.2903 | A | 0.1287 | 3994 |
| 6 chrUn8.2961 | C | 0.2241 | 4008 |
| 6 chrUn8.3015 | G | 0.2818 | 3974 |
| 6 chrUn8.3061 | C | 0.3001 | 3976 |
| 6 chrUn8.3191 | A | 0.3867 | 3990 |
| 6 chrUn8.3288 | A | 0.323 | 3966 |
| 6 chrB3.830803 | C | 0.05611 | 3992 |
| 6 chrB3.830611 | A | 0.4423 | 4004 |
| 6 chrB3.830060 | G | 0.2781 | 3998 |
| 6 chrB3.829243 | A | 0.3278 | 3990 |
| 6 chrB3.829346 | G | 0.2567 | 3970 |
| 6 chrB3.829065 | 0 G | 0 | 3990 |
| 6 chrB3.828627 | G | 0.00494 | 3846 |
| 6 chrB3.828357 | A | 0.2508 | 4000 |
| 6 chrB3.827696 | G | 0.07539 | 3820 |

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| 6 chrB3.827366 | A | 0.01996 | 3608 |
| 6 chrB3.826886 | G | 0.2419 | 3994 |
| 6 chrB3.826407 | G | 0.3977 | 3998 |
| 6 chrB3.825834 | A | 0.003248 | 4002 |
| 6 chrB3.825532 | G | 0.4569 | 3994 |
| 6 chrB3.825243 | G | 0.3288 | 3984 |
| 6 chrB3.824699 | C | 0.1418 | 3970 |
| 6 chrB3.824219 | G | 0.3474 | 3992 |
| 6 chrB3.823694 | A | 0.2606 | 4002 |
| 6 chrB3.823358 | G | 0.1282 | 4002 |
| 6 chrB3.822991 | G | 0.1884 | 3848 |
| 6 chrB3.822731 | G | 0.1567 | 4002 |
| 6 chrB3.822476 | G | 0.1836 | 4004 |
| 6 chrB3.822029 | A | 0.06463 | 3822 |
| 6 chrB3.821236 | G | 0.2791 | 3970 |
| 6 chrB3.820807 | A | 0.4786 | 4010 |
| 6 chrB3.820440 | G | 0.3078 | 4006 |
| 6 chrUn.280511 | G | 0.3476 | 3996 |
| 6 chrB3.819727 | A | 0.2812 | 3688 |
| 6 chrB3.819479 | G | 0.05295 | 4004 |
| 6 chrB3.818925 | A | 0.04843 | 4006 |
| 6 chrB3.818373 | G | 0.4953 | 4000 |
| 6 chrB3.817661 | A | 0.4938 | 4000 |
| 6 chrB3.816793 | G | 0.1747 | 3922 |
| 6 chrB3.816096 | G | 0.1548 | 3992 |
| 6 chrB3.815852 | 0 G | 0 | 4010 |
| 6 chrB3.815721 | G | 0.06903 | 3998 |
| 6 chrB3.814976 | G | 0.4967 | 3982 |
| 6 chrB3.814189 | A | 0.3813 | 4002 |
| 6 chrB3.813707 | A | 0.09436 | 4006 |
| 6 chrB3.813299 | G | 0.08928 | 3954 |
| 6 chrB3.812889 | G | 0.2458 | 4004 |
| 6 chrB3.812537 | A | 0.1009 | 3984 |
| 6 CMA.326 | A G | 0.0005 | 4000 |
| 6 CMA.193 | 0 G | 0 | 4002 |
| 6 chrB3.883889 | G | 0.3677 | 3990 |
| 6 chrB3.884195 | C | 0.3815 | 3900 |
| 6 chrUn8.33720 | A | 0.4822 | 3994 |
| 6 chrUn8.34191 | C | 0.01397 | 4008 |
| 6 chrUn8.35034 | G | 0.3065 | 3892 |
| 6 chrUn.478949 | A | 0.4078 | 3982 |

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| 6 chrUn8.3576:G | A | 0.06213 | 4008 |
| 6 chrUn8.3623:A | G | 0.3177 | 4000 |
| 6 chrUn24.323:G | A | 0.2641 | 3654 |
| 6 chrUn8.3662:C | A | 0.1782 | 3984 |
| 6 chrUn8.3698:G | A | 0.298 | 3996 |
| 6 chrUn8.3733:A | C | 0.1987 | 4002 |
| 6 chrUn8.3788:A | G | 0.4709 | 3984 |
| 6 chrUn8.3845:C | A | 0.002248 | 4004 |
| 6 chrUn8.3906:G | A | 0.4843 | 3954 |
| 6 chrUn8.3982:A | C | 0.1426 | 3998 |
| 6 chrUn8.4013:G | A | 0.1352 | 4000 |
| 6 chrUn8.4067:A | G | 0.1882 | 3996 |
| 6 chrUn8.4099:G | A | 0.1385 | 4000 |
| 6 chrUn8.4122:A | G | 0.004006 | 3994 |
| 6 chrUn8.4125:A | G | 0.002247 | 4006 |
| 6 chrUn8.4200:G | A | 0.0487 | 4004 |
| 6 chrUn8.4233:A | G | 0.1746 | 3980 |
| 6 chrUn8.4278:A | G | 0.09964 | 3904 |
| 6 chrUn8.4307:A | C | 0.05896 | 3918 |
| 6 chrUn8.4346:A | C | 0.2175 | 3908 |
| 6 chrUn.37092:A | C | 0.03581 | 3714 |
| 6 chrUn8.4382:A | G | 0.2572 | 3884 |
| 6 chrUn8.4444:G | A | 0.4595 | 4000 |
| 6 chrUn8.4481:C | A | 0.09145 | 4002 |
| 6 chrUn8.4552:A | G | 0.07288 | 3938 |
| 6 chrUn8.4583:A | G | 0.2162 | 4006 |
| 6 chrUn8.4680:G | A | 0.03654 | 3804 |
| 6 chrUn8.4714:A | G | 0.4686 | 3986 |
| 6 chrUn8.4745:A | C | 0.02907 | 3956 |
| 6 chrUn8.4773:G | A | 0.3858 | 3942 |
| 6 chrUn8.4841:A | G | 0.2055 | 3980 |
| 6 chrUn8.4874:A | G | 0.245 | 3996 |
| 6 chrUn8.4921:A | G | 0.1513 | 3998 |
| 6 chrUn8.4969:G | A | 0.134 | 4006 |
| 6 chrUn8.5001:G | A | 0.3066 | 3992 |
| 6 chrUn8.5029:A | C | 0.05619 | 3826 |
| 6 chrUn8.5104:G | A | 0.05865 | 3990 |
| 6 chrUn8.5156:A | G | 0.2794 | 4002 |
| 6 chrUn8.5258:A | G | 0.2946 | 4002 |
| 6 chrUn8.5325:G | A | 0.2806 | 4006 |
| 6 chrUn8.5364:A | G | 0.05775 | 4000 |

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| 6 chrUn8.5434(G | A | 0.3396 | 3934 |
| 6 chrUn8.5462(A | C | 0.2621 | 3994 |
| 6 chrUn8.5485(G | A | 0.3596 | 3954 |
| 6 chrUn8.5491(A | C | 0.04575 | 3978 |
| 6 chrUn8.5519(A | G | 0.06445 | 3972 |
| 6 chrUn8.5565(G | A | 0.125 | 4008 |
| 6 chrUn.23766(G | A | 0.04798 | 4002 |
| 6 chrUn8.5599(A | G | 0.4608 | 3930 |
| 6 chrUn8.5632(A | G | 0.4967 | 3930 |
| 6 chrUn8.5683(A | G | 0.386 | 3990 |
| 6 chrUn8.5783(A | G | 0.04082 | 3944 |
| 6 chrUn8.5817(A | C | 0.04709 | 3992 |
| 6 chrUn8.5845(A | G | 0.02926 | 3896 |
| 6 chrUn8.5875(C | A | 0.04865 | 4008 |
| 6 chrUn8.5931(A | G | 0.06636 | 3918 |
| 6 chrUn8.5964(C | A | 0.08124 | 3976 |
| 6 chrUn.47814(G | A | 0.4297 | 3896 |
| 6 chrUn8.6067(G | A | 0.3632 | 3946 |
| 6 chrUn8.6116(A | A | 0.08907 | 4008 |
| 6 chrUn8.6183(G | A | 0.1228 | 3902 |
| 6 chrUn8.6266(A | G | 0.1971 | 4004 |
| 6 chrUn8.6290(G | A | 0.01476 | 3996 |
| 6 chrUn8.6335(A | G | 0.04963 | 4010 |
| 6 chrUn8.6380(G | A | 0.415 | 4000 |
| 6 chrUn.40908(A | G | 0.2891 | 3832 |
| 6 chrUn8.6424(C | A | 0.4905 | 4002 |
| 6 chrUn8.6470(A | G | 0.2487 | 3920 |
| 6 chrUn8.6571(C | A | 0.3156 | 3974 |
| 6 chrUn8.6602(G | A | 0.4357 | 3948 |
| 6 chrUn8.6661(G | A | 0.3646 | 3906 |
| 6 chrUn8.6704(A | G | 0.02401 | 3998 |
| 6 chrUn8.6718(A | C | 0.2392 | 4000 |
| 6 chrUn8.6739(G | A | 0.0248 | 3992 |
| 6 chrUn8.6787(A | G | 0.4286 | 3964 |
| 6 chrUn8.6817(G | A | 0.1879 | 3996 |
| 6 chrUn8.6843(A | G | 0.09307 | 3868 |
| 6 chrUn8.6969(G | A | 0.1256 | 3916 |
| 6 chrUn.23291(A | C | 0.4331 | 3948 |
| 6 chrUn8.7078(A | G | 0.1576 | 3992 |
| 6 chrUn8.7107(A | G | 0.2427 | 3910 |
| 6 chrUn8.7180(A | G | 0.0633 | 3886 |

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| 6 chrUn8.7205!A | G | 0.006884 | 3922 |
| 6 chrUn8.7245!A | G | 0.04386 | 3990 |
| 6 chrUn8.7276!G | A | 0.3303 | 4006 |
| 6 chrUn8.7306!G | A | 0.2732 | 3972 |
| 6 chrUn8.7367!C | A | 0.04042 | 4008 |
| 6 chrUn8.7385!G | A | 0.00524 | 4008 |
| 6 chrX.126574!A | G | 0.2971 | 3962 |
| 6 chrUn8.7461!C | A | 0.1547 | 3704 |
| 6 chrUn8.7504!A | G | 0.2251 | 3976 |
| 6 chrUn8.7547!A | G | 0.4443 | 4002 |
| 6 chrUn8.7614!G | A | 0.4223 | 4000 |
| 6 chrUn8.7642!A | G | 0.2898 | 3978 |
| 6 chrUn8.7707!G | A | 0.05172 | 4002 |
| 6 chrUn8.7731!G | A | 0.3581 | 3976 |
| 6 chrUn8.7756!C | A | 0.05292 | 3968 |
| 6 chrUn8.7806!A | G | 0.4651 | 4010 |
| 6 chrUn8.7864!C | A | 0.3106 | 3986 |
| 6 chrUn8.7908!A | G | 0.2581 | 3998 |
| 6 chrUn8.7938!A | G | 0.4519 | 3968 |
| 6 chrUn8.7962!G | A | 0.4882 | 3744 |
| 6 chrUn8.8017!A | G | 0.4439 | 3956 |
| 6 chrUn8.8076!A | G | 0.2554 | 4002 |
| 6 chrUn8.8158!A | G | 0.4847 | 3994 |
| 6 chrUn8.8203!C | A | 0.4014 | 3994 |
| 6 chrUn8.8230!A | G | 0.3269 | 3986 |
| 6 chrUn8.8233!A | 0 A | 0 | 4000 |
| 6 chrUn.58799!A | G | 0.286 | 4000 |
| 6 chrUn8.8289!A | G | 0.2874 | 3998 |
| 6 chrUn8.8348!C | A | 0.06757 | 3966 |
| 6 chrUn8.8400!G | A | 0.04256 | 3994 |
| 6 chrUn.70398!G | A | 0.04477 | 3998 |
| 6 chrUn8.8473!A | G | 0.3038 | 3996 |
| 6 chrUn8.8516!A | G | 0.3544 | 3998 |
| 6 chrUn8.8540!A | G | 0.1378 | 3998 |
| 6 chrUn8.8566!G | A | 0.2529 | 3998 |
| 6 chrUn8.8607!G | A | 0.2319 | 3998 |
| 6 chrUn8.8634!A | G | 0.2901 | 4006 |
| 6 chrUn8.8659!A | G | 0.02978 | 3996 |
| 6 chrUn8.8719!G | A | 0.3339 | 4004 |
| 6 chrUn8.8816!A | G | 0.3793 | 3918 |
| 6 chrUn8.8847!A | G | 0.4805 | 4000 |

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| 6 chrUn8.8875!G | A | 0.1706 | 3998 |
| 6 chrUn8.8912!C | A | 0.05464 | 4008 |
| 6 chrUn8.9007!C | A | 0.3044 | 3988 |
| 6 chrUn.39567!G | A | 0.2175 | 3996 |
| 6 chrUn8.9065!A | G | 0.2392 | 3888 |
| 6 chrUn8.9097!G | A | 0.1056 | 3996 |
| 6 chrUn8.9165!A | G | 0.309 | 4010 |
| 6 chrUn8.9247!A | G | 0.3798 | 4002 |
| 6 chrUn8.9300!G | A | 0.05579 | 3818 |
| 6 chrUn8.9326!A | G | 0.00499 | 4008 |
| 6 chrUn8.9370!A | G | 0.3906 | 3950 |
| 6 chrUn.76435!A | G | 0.1697 | 3990 |
| 6 chrUn8.9429!C | A | 0.3261 | 3986 |
| 6 chrUn8.9467!G | A | 0.2066 | 4002 |
| 6 chrUn8.9491!G | A | 0.457 | 4000 |
| 6 chrUn8.9521!A | G | 0.2506 | 3882 |
| 6 chrUn8.9583!A | G | 0.02022 | 4006 |
| 6 chrUn8.9609!A | G | 0.4113 | 4004 |
| 6 chrUn8.9646!A | C | 0.1552 | 3724 |
| 6 chrUn8.9688!A | G | 0.2796 | 4002 |
| 6 chrUn.71181!A | G | 0.2636 | 3934 |
| 6 chrD1.70161!A | G | 0.06547 | 4002 |
| 6 chrUn8.9777!G | A | 0.4381 | 3974 |
| 6 chrUn8.9803!A | G | 0.1769 | 3866 |
| 6 chrUn8.9841!A | G | 0.2278 | 3990 |
| 6 chrUn8.9908!G | A | 0.3452 | 4004 |
| 6 chrUn8.9937!C | A | 0.06444 | 4004 |
| 6 chrUn8.9973!C | A | 0.2328 | 3986 |
| 6 chrUn8.9976!G | A | 0.006234 | 4010 |
| 6 chrUn8.1000!G | A | 0.3015 | 3884 |
| 6 chrUn8.1003!A | G | 0.03898 | 3976 |
| 6 chrUn8.1009!C | A | 0.1669 | 3996 |
| 6 chrUn8.1018!A | G | 0.4256 | 3830 |
| 6 chrUn8.1022!G | A | 0.1316 | 3968 |
| 6 chrUn8.1027!A | G | 0.07475 | 4000 |
| 6 chrUn8.1032!G | A | 0.3626 | 4004 |
| 6 chrUn8.1037!A | G | 0.162 | 4000 |
| 6 chrUn8.1040!A | C | 0.1065 | 3992 |
| 6 chrUn8.1049!G | A | 0.06134 | 3994 |
| 6 chrUn8.1053!G | A | 0.03416 | 4010 |
| 6 chrUn8.1060!C | A | 0.01423 | 4006 |

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| 6 chrUn8.1064!G | A | 0.06113 | 3828 |
| 6 chrUn8.1071!A | G | 0.2806 | 3746 |
| 6 chrUn8.1081!G | A | 0.4019 | 3994 |
| 6 chrUn8.1086!A | C | 0.3464 | 3978 |
| 6 chrUn8.1089!C | A | 0.2017 | 3580 |
| 6 chrUn8.1101!A | G | 0.08292 | 4004 |
| 6 chrUn8.1107!A | C | 0.07356 | 3684 |
| 6 chrUn8.1111!A | G | 0.1744 | 3962 |
| 6 chrUn8.1119!A | G | 0.2184 | 3914 |
| 6 chrUn8.1120!A | G | 0.02246 | 4008 |
| 6 chrUn8.1124!A | G | 0.1676 | 3974 |
| 6 chrUn8.1128!C | A | 0.3533 | 4002 |
| 6 chrUn8.1134!G | A | 0.4061 | 3992 |
| 6 chrUn8.1138!A | G | 0.1334 | 4004 |
| 6 chrUn8.1140!G | A | 0.03798 | 4002 |
| 6 chrUn8.1145!G | A | 0.05424 | 3982 |
| 6 chrUn8.1150!G | A | 0.198 | 4006 |
| 6 chrUn8.1154!A | G | 0.2956 | 4002 |
| 6 chrUn8.1159!A | G | 0.02146 | 4008 |
| 6 chrUn8.1162!C | A | 0.2718 | 3996 |
| 6 chrUn8.1167!A | C | 0.4123 | 4002 |
| 6 chrUn8.1170!A | G | 0.3225 | 3622 |
| 6 chrUn8.1173!C | A | 0.07685 | 3982 |
| 6 chrUn8.1178!A | G | 0.2755 | 3974 |
| 6 chrUn8.1186!A | G | 0.1534 | 3984 |
| 6 chrUn8.1195!A | G | 0.2013 | 4000 |
| 6 chrUn8.1203!A | G | 0.09492 | 3898 |
| 6 chrUn8.1206!A | G | 0.19 | 3952 |
| 6 chrUn8.1216!G | A | 0.4348 | 4000 |
| 6 chrUn8.1225!A | G | 0.2835 | 4010 |
| 6 chrUn8.1232!G | A | 0.273 | 4000 |
| 6 chrUn8.1235!G | A | 0.2746 | 3958 |
| 6 chrUn8.1238!G | A | 0.253 | 3984 |
| 6 chrUn8.1240!A | C | 0.0976 | 3996 |
| 6 chrUn8.1244!C | A | 0.03308 | 3930 |
| 6 chrUn8.1254!G | A | 0.4693 | 4004 |
| 6 chrUn8.1259!A | G | 0.2887 | 3980 |
| 6 chrUn.18000!G | A | 0.4671 | 3978 |
| 6 chrUn8.1267!G | A | 0.4781 | 3972 |
| 6 chrUn8.1268!G | A | 0.4705 | 4004 |
| 6 chrUn8.1271!C | A | 0.2238 | 3994 |

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| 6 chrUn8.1273!G | A | 0.4967 | 3950 |
| 6 chrUn8.1275!A | G | 0.1588 | 3942 |
| 6 chrUn8.1280!G | A | 0.2422 | 4000 |
| 6 chrUn8.1283!A | G | 0.1103 | 3934 |
| 6 chrUn8.1286!A | G | 0.1521 | 4004 |
| 6 chrUn8.1291!G | A | 0.2572 | 3982 |
| 6 chrUn8.1294!A | G | 0.4218 | 3988 |
| 6 chrUn8.1299!G | A | 0.3239 | 3998 |
| 6 chrUn8.1301!A | G | 0.4976 | 3816 |
| 6 chrUn8.1304!A | G | 0.01423 | 3864 |
| 6 chrUn8.1310!A | G | 0.3098 | 3958 |
| 6 chrUn8.1313!A | C | 0.1318 | 3952 |
| 6 chrUn8.1320!A | G | 0.1723 | 3998 |
| 6 chrUn8.1322!A | G | 0.1619 | 3614 |
| 6 chrUn8.1327!G | A | 0.1474 | 3990 |
| 6 chrUn8.1329!A | G | 0.1304 | 3948 |
| 6 chrUn8.1338!A | C | 0.1599 | 3964 |
| 6 chrUn8.1342!C | A | 0.07379 | 3998 |
| 6 chrUn8.1346!G | A | 0.2505 | 4000 |
| 6 chrUn8.1351!G | A | 0.3291 | 3990 |
| 6 chrUn8.1356!A | G | 0.1018 | 4008 |
| 6 chrUn8.1359!A | G | 0.3189 | 3970 |
| 6 chrUn8.1362!A | G | 0.2974 | 3978 |
| 6 chrUn8.1367!C | A | 0.2139 | 4002 |
| 6 chrUn8.1372!A | G | 0.1805 | 4006 |
| 6 chrUn8.1378!C | A | 0.1892 | 3996 |
| 6 chrUn8.1383!A | G | 0.158 | 4000 |
| 6 chrUn8.1389!A | G | 0.2129 | 3932 |
| 6 chrUn8.1394!C | A | 0.2668 | 3846 |
| 6 chrUn8.1399!G | A | 0.3999 | 3988 |
| 6 chrUn8.1404!G | A | 0.003283 | 3960 |
| 6 chrUn8.1407!G | A | 0.1064 | 3648 |
| 6 chrUn8.1412!A | G | 0.04974 | 3800 |
| 6 chrUn8.1418!G | A | 0.3586 | 3996 |
| 6 chrUn8.1422!G | A | 0.1534 | 3984 |
| 6 chrUn.50469!A | G | 0.3524 | 3950 |
| 6 chrUn8.1428!G | A | 0.04294 | 3656 |
| 6 chrUn8.1435!A | G | 0.1692 | 3996 |
| 6 chrUn8.1444!C | A | 0.3821 | 4004 |
| 6 chrUn8.1444!A | G | 0.3814 | 3998 |
| 6 chrUn8.1448!A | G | 0.1356 | 4004 |

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| 6 chrUn8.1453(G | A | 0.003008 | 3990 |
| 6 chrUn8.1457A | G | 0.4151 | 3994 |
| 6 chrUn8.1459C | A | 0.008487 | 4006 |
| 6 chrUn8.1463C | A | 0.3177 | 4000 |
| 6 chrUn8.1465C | A | 0.485 | 3988 |
| 6 chrUn8.1470G | A | 0.4593 | 4004 |
| 6 chrUn8.1473G | A | 0.03792 | 4008 |
| 6 chrUn8.1477G | A | 0.02964 | 3678 |
| 6 chrUn8.1480A | G | 0.4071 | 3994 |
| 6 chrB3.947437A | G | 0.4778 | 4010 |
| 6 chrB3.94774C | G | 0.2836 | 3978 |
| 6 chrB3.94823A | G | 0.2918 | 3996 |
| 6 chrB3.94861A | C | 0.1756 | 4008 |
| 6 chrB3.94894C | A | 0.4978 | 4002 |
| 6 chrB3.94920G | A | 0.3263 | 3990 |
| 6 chrB3.94958A | G | 0.2271 | 3994 |
| 6 chrB3.95037A | G | 0.1732 | 3996 |
| 6 chrB3.95096G | A | 0.4296 | 3994 |
| 6 chrB3.95136A | G | 0.04119 | 4006 |
| 6 chrB3.95180A | C | 0.2759 | 3940 |
| 6 chrB3.95210A | G | 0.4388 | 4004 |
| 6 chrB3.95256A | G | 0.3197 | 3994 |
| 6 chrB3.95316A | G | 0.2356 | 3646 |
| 6 chrB3.95351C | G | 0.08123 | 3804 |
| 6 chrB3.95443A | G | 0.2905 | 4000 |
| 6 chrB3.95487G | A | 0.1417 | 4008 |
| 6 chrB3.955181G | A | 0.1429 | 4002 |
| 6 chrB3.95557A | G | 0.375 | 4000 |
| 6 chrB3.95598A | C | 0.09901 | 3636 |
| 6 chrB3.956391A | G | 0.04794 | 3984 |
| 6 chrB3.95706G | A | 0.4542 | 4000 |
| 6 chrB3.957347G | A | 0.1453 | 3992 |
| 6 chrUn.23600A | G | 0.04905 | 3996 |
| 6 chrUn.15317T | A | 0.291 | 3986 |
| 6 chrB3.957707A | G | 0.4887 | 3992 |
| 6 chrB3.95795A | G | 0.1801 | 3992 |
| 6 chrB3.958651A | G | 0.2885 | 3972 |
| 6 chrB3.95936A | G | 0.09701 | 4010 |
| 6 chrB3.95957A | G | 0.3787 | 3998 |
| 6 chrB3.95972G | A | 0.09706 | 4008 |
| 6 chrB3.95998A | G | 0.0962 | 4002 |

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| 6 chrB3.96046C | A | 0.009491 | 4004 |
| 6 chrB3.96097C | A | 0.1162 | 4002 |
| 6 chrB3.961231G | A | 0.4052 | 3936 |
| 6 chrB3.96174A | G | 0.4413 | 4002 |
| 6 chrB3.96211A | C | 0.06867 | 3786 |
| 6 chrB3.96242A | G | 0.1385 | 3978 |
| 6 chrB3.962681A | G | 0.2405 | 4004 |
| 6 chrB3.96385G | A | 0.01951 | 3946 |
| 6 chrB3.96416G | A | 0.1951 | 3988 |
| 6 chrB3.96657G | A | 0.06785 | 3994 |
| 6 chrB3.96692G | A | 0.2589 | 3970 |
| 6 chrB3.967421A | G | 0.09995 | 3982 |
| 6 chrB3.96774A | G | 0.4132 | 4008 |
| 6 chrB3.96806A | G | 0.474 | 3998 |
| 6 chrB3.96835A | A | 0.1012 | 4000 |
| 6 chrB3.96872G | A | 0.2774 | 3990 |
| 6 chrB3.96898C | A | 0.2918 | 3976 |
| 6 chrB3.96926A | G | 0.09985 | 3986 |
| 6 chrB3.96979A | C | 0.2276 | 3976 |
| 6 chrB3.97004C | G | 0.4473 | 4002 |
| 6 chrB3.97089C | G | 0.1727 | 3954 |
| 6 chrB3.97215A | G | 0.03159 | 3704 |
| 6 chrB3.97216G | A | 0.2195 | 4000 |
| 6 chrB3.97251C | A | 0.1568 | 4000 |
| 6 chrB3.97298A | C | 0.4194 | 3996 |
| 6 chrB3.97386C | A | 0.4112 | 3954 |
| 6 chrB3.97413C | A | 0.1344 | 3982 |
| 6 chrB3.97520G | A | 0.4411 | 4008 |
| 6 chrB3.97614C | A | 0.1883 | 3972 |
| 6 chrB3.97849G | A | 0.1861 | 3972 |
| 6 chrB3.97825C | A | 0.3641 | 4002 |
| 6 chrB3.97723C | A | 0.02924 | 4002 |
| 6 chrB3.97679C | A | 0.4059 | 3996 |
| 6 chrB3.97883A | G | 0.03359 | 3960 |
| 6 chrB3.97925A | G | 0.1777 | 3838 |
| 6 chrB3.97962A | C | 0.08384 | 3960 |
| 6 chrB3.97992A | G | 0.03217 | 4010 |
| 6 chrB3.980611A | G | 0.1848 | 3998 |
| 6 chrB3.98141G | A | 0.241 | 3988 |
| 6 chrB3.98182G | G | 0.03971 | 4004 |
| 6 chrB3.98262G | A | 0.1979 | 3922 |

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| 6 chrB3.983010G | A | 0.3328 | 3978 |
| 6 chrB3.983572G | A | 0.4117 | 3996 |
| 6 chrB3.983968G | A | 0.03217 | 4010 |
| 6 chrB3.984238A | C | 0.1081 | 4004 |
| 6 chrB3.984680G | A | 0.1393 | 3992 |
| 6 chrB3.985063C | A | 0.457 | 3998 |
| 6 chrB3.985743G | A | 0.3378 | 3748 |
| 6 chrB3.986204G | A | 0.2051 | 3998 |
| 6 chrB3.986742A | G | 0.3953 | 3686 |
| 6 chrB3.987261A | C | 0.38 | 3900 |
| 6 chrB3.987530C | A | 0.1201 | 4006 |
| 6 chrB3.987988A | G | 0.4598 | 3980 |
| 6 chrB3.988055C | A | 0.401 | 3838 |
| 6 chrB3.988190G | A | 0.01182 | 3892 |
| 6 chrB3.988464C | A | 0.1716 | 3882 |
| 6 chrB3.989098G | A | 0.4142 | 3984 |
| 6 chrB3.989375G | A | 0.415 | 3986 |
| 6 chrB3.989687A | G | 0.1295 | 3954 |
| 6 chrB3.990138A | G | 0.144 | 3978 |
| 6 chrB3.990393G | A | 0.3349 | 3998 |
| 6 chrUn.715870G | A | 0.033 | 4000 |
| 6 chrB3.990720G | A | 0.05475 | 4000 |
| 6 chrB3.991038A | C | 0.3683 | 4000 |
| 6 chrB3.992138A | G | 0.4805 | 3800 |
| 6 chrB3.992941C | A | 0.3075 | 3994 |
| 6 chrB3.993488A | G | 0.3334 | 3992 |
| 6 chrB3.993845A | G | 0.04673 | 3916 |
| 6 chrB3.994144A | G | 0.01335 | 3894 |
| 6 chrB3.995090G | A | 0.102 | 3902 |
| 6 chrB3.995349G | A | 0.186 | 3994 |
| 6 chrB3.996119A | G | 0.2475 | 3948 |
| 6 chrB3.996508G | A | 0.1486 | 3998 |
| 6 chrB3.997328G | A | 0.4383 | 4000 |
| 6 chrB3.997578A | G | 0.4152 | 3998 |
| 6 chrB3.998047C | A | 0.2971 | 3962 |
| 6 chrB3.998338A | G | 0.3426 | 4002 |
| 6 chrB3.998622A | C | 0.3424 | 3998 |
| 6 chrB3.999048A | G | 0.05407 | 3958 |
| 6 chrB3.999421G | A | 0.09207 | 3910 |
| 6 chrB3.999888A | G | 0.342 | 3994 |
| 6 chrB3.100059G | A | 0.07268 | 3894 |

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|-----------------|-----|---------|------|
| 6 chrB3.100085G | A | 0.2741 | 3958 |
| 6 chrB3.100133A | C | 0.07436 | 3954 |
| 6 chrB3.100170G | A | 0.05339 | 4008 |
| 6 chrB3.100228A | G | 0.03072 | 3678 |
| 6 chrB3.100271G | A | 0.09218 | 3992 |
| 6 chrB3.100307C | A | 0.3077 | 4000 |
| 6 chrB3.100346A | G | 0.2688 | 3944 |
| 6 chrB3.100388A | G | 0.2309 | 4002 |
| 6 chrB3.100412A | G | 0.2112 | 3978 |
| 6 chrB3.100437C | A | 0.07232 | 3996 |
| 6 chrB3.100494A | G | 0.05803 | 3998 |
| 6 chrB3.100597G | A | 0.2335 | 3944 |
| 6 chrB3.100631A | C | 0.0411 | 3942 |
| 6 chrB3.100686A | G | 0.04793 | 4006 |
| 6 chrB3.100717A | G | 0.2702 | 3990 |
| 6 chrB3.100745A | G | 0.04995 | 3984 |
| 6 chrB3.100781A | G | 0.1782 | 3692 |
| 6 chrB3.100811G | A | 0.1615 | 4006 |
| 6 chrB3.100837A | G | 0.05347 | 4002 |
| 6 chrB3.100978G | A | 0.05668 | 3970 |
| 6 chrB3.101014G | A | 0.04092 | 4008 |
| 6 chrB3.101062A | C | 0.1375 | 3942 |
| 6 chrB3.101089G | A | 0.2671 | 3988 |
| 6 chrB3.101154A | G | 0.1414 | 3988 |
| 6 chrB3.101193A | C | 0.04009 | 3742 |
| 6 chrB3.101241G | A | 0.3722 | 3998 |
| 6 chrB3.101269G | A | 0.07164 | 4006 |
| 6 chrB3.101315G | A | 0.3924 | 4004 |
| 6 chrB3.101342A | G | 0.0197 | 4010 |
| 6 chrD3.584031G | A | 0.2149 | 4006 |
| 6 chrB3.101448A | G | 0.3475 | 3954 |
| 6 chrUn.251941 | 0 G | 0 | 4010 |
| 6 chrB3.101503G | A | 0.2014 | 3998 |
| 6 chrB3.101537G | A | 0.4294 | 3996 |
| 6 chrB3.101563G | A | 0.4786 | 4010 |
| 6 chrA1.262559A | G | 0.3726 | 3908 |
| 6 chrB3.101607C | A | 0.24 | 3992 |
| 6 chrB3.101651G | A | 0.4816 | 3976 |
| 6 chrB3.101713A | G | 0.09159 | 3712 |
| 6 chrB3.101822A | G | 0.1353 | 3990 |
| 6 chrB3.101878G | A | 0.3074 | 4004 |

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| 6 chrB3.101925C | A | 0.1604 | 3990 |
| 6 chrB3.101978C | A | 0.4669 | 3960 |
| 6 chrB3.102010A | G | 0.437 | 4002 |
| 6 chrB3.102026A | G | 0.4165 | 3950 |
| 6 chrB3.102075G | A | 0.1819 | 3980 |
| 6 chrB3.102107A | G | 0.2291 | 3998 |
| 6 chrB3.102140A | G | 0.07838 | 4006 |
| 6 chrB3.102152G | A | 0.1688 | 3992 |
| 6 chrB3.102186A | G | 0.07842 | 4004 |
| 6 chrB3.102294A | G | 0.07423 | 3974 |
| 6 chrB3.102325A | G | 0.1372 | 3994 |
| 6 chrB3.102392G | A | 0.1138 | 4006 |
| 6 chrB3.102431G | A | 0.1709 | 3984 |
| 6 chrB3.102458A | G | 0.1091 | 4006 |
| 6 chrUn.272314A | C | 0.1553 | 3974 |
| 6 chrB3.102626A | G | 0.1917 | 3974 |
| 6 chrB3.102652A | G | 0.2218 | 3990 |
| 6 chrB3.102698A | G | 0.4636 | 3980 |
| 6 chrB3.102727G | A | 0.4086 | 4006 |
| 6 chrB3.102776G | A | 0.4818 | 4002 |
| 6 chrB3.102810A | G | 0.4068 | 3992 |
| 6 chrB3.102871G | A | 0.0357 | 4006 |
| 6 chrB3.102935A | C | 0.1563 | 4006 |
| 6 chrB3.102968G | A | 0.1908 | 3994 |
| 6 chrUn.392480C | A | 0.3749 | 3918 |
| 6 chrB3.102993A | G | 0.2728 | 4006 |
| 6 chrB3.103023A | G | 0.1608 | 3874 |
| 6 chrB3.103053 | 0 C | 0 | 4010 |
| 6 chrB3.103092C | A | 0.2468 | 3954 |
| 6 chrB3.103131A | C | 0.3955 | 3934 |
| 6 chrB3.103190A | G | 0.02646 | 4006 |
| 6 chrB3.103228G | A | 0.1447 | 4000 |
| 6 chrB3.103260A | G | 0.02244 | 4010 |
| 6 chrB3.103297G | A | 0.1912 | 4002 |
| 6 chrB3.103325G | A | 0.4378 | 3954 |
| 6 chrB3.103362A | G | 0.1699 | 4008 |
| 6 chrB3.103407A | G | 0.1874 | 3964 |
| 6 chrB3.103415G | A | 0.1198 | 4000 |
| 6 chrB3.103515A | G | 0.1929 | 3950 |
| 6 chrB3.103625G | A | 0.1363 | 4006 |
| 6 chrB3.103652A | G | 0.1485 | 3994 |

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| 6 chrB3.103683A | G | 0.4313 | 4004 |
| 6 chrUn.209471A | G | 0.4664 | 3904 |
| 6 chrB3.103720A | G | 0.1808 | 3928 |
| 6 chrB3.103822G | A | 0.4666 | 3952 |
| 6 chrB3.103887A | G | 0.08234 | 4008 |
| 6 chrB3.103946G | A | 0.06309 | 4010 |
| 6 chrB3.104020G | A | 0.4342 | 3740 |
| 6 chrB3.104049A | G | 0.1067 | 3964 |
| 6 chrB3.104111G | A | 0.03545 | 4006 |
| 6 chrB3.104136A | G | 0.3176 | 3996 |
| 6 chrB3.104168G | A | 0.08584 | 3728 |
| 6 chrB3.104274A | G | 0.2956 | 3944 |
| 6 chrB3.104362 | 0 A | 0 | 4004 |
| 6 chrB3.104383A | G | 0.2696 | 3988 |
| 6 chrB3.104425A | G | 0.08954 | 3998 |
| 6 chrB3.104452G | A | 0.2543 | 3952 |
| 6 chrB3.104480C | A | 0.1222 | 4000 |
| 6 chrB3.104525G | A | 0.1032 | 3992 |
| 6 chrB3.104611G | A | 0.469 | 4002 |
| 6 chrB3.104664A | G | 0.4843 | 3892 |
| 6 chrB3.104696A | G | 0.318 | 3818 |
| 6 chrB3.104723G | A | 0.4832 | 4000 |
| 6 chrB3.104823A | G | 0.02862 | 3844 |
| 6 chrB3.104934G | A | 0.3567 | 3986 |
| 6 chrB3.104968A | G | 0.2043 | 4008 |
| 6 chrB3.105027A | G | 0.1715 | 4006 |
| 6 chrB3.105077G | A | 0.2438 | 4004 |
| 6 chrB3.105119A | G | 0.07661 | 3994 |
| 6 chrB3.105159A | G | 0.0325 | 4000 |
| 6 chrB3.105259A | G | 0.2781 | 3916 |
| 6 chrUn.793433G | A | 0.01172 | 4010 |
| 6 chrB3.105377A | G | 0.04518 | 4006 |
| 6 chrB3.105403A | G | 0.3792 | 3990 |
| 6 chrB3.105454G | A | 0.08296 | 4002 |
| 6 chrB3.105480C | A | 0.2049 | 3992 |
| 6 chrB3.105509A | C | 0.3435 | 3986 |
| 6 chrB3.105542G | A | 0.2704 | 4002 |
| 6 chrB3.105634A | G | 0.02494 | 4010 |
| 6 chrB3.105757G | A | 0.2553 | 3988 |
| 6 chrB3.105804A | G | 0.0654 | 4006 |
| 6 chrB3.105839A | G | 0.2331 | 3878 |

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| 6 chrB3.105864A | G | 0.2461 | 3994 |
| 6 chrB3.105964A | G | 0.0583 | 3962 |
| 6 chrB3.105996C | A | 0.4189 | 3996 |
| 6 chrB3.106056A | G | 0.1103 | 4008 |
| 6 chrB3.106088G | A | 0.2535 | 3992 |
| 6 chrB3.106138G | A | 0.4937 | 3956 |
| 6 chrUn.354286A | G | 0.06131 | 3996 |
| 6 chrB3.106168A | G | 0.02578 | 3840 |
| 6 chrB3.106177A | G | 0.139 | 4006 |
| 6 chrB3.106208A | G | 0.483 | 3992 |
| 6 chrB3.106268A | G | 0.12 | 3816 |
| 6 chrB3.106296A | G | 0.1314 | 4002 |
| 6 chrB3.106366A | C | 0.1646 | 3998 |
| 6 chrB3.106406A | G | 0.04021 | 3830 |
| 6 chrB3.106441G | A | 0.08388 | 3672 |
| 6 chrB3.106488A | G | 0.08173 | 3952 |
| 6 chrB3.106528G | A | 0.09601 | 4010 |
| 6 chrB3.106551A | G | 0.3894 | 3998 |
| 6 chrB3.106588C | A | 0.3049 | 3992 |
| 6 chrB3.106626G | A | 0.1323 | 3984 |
| 6 chrB3.106654A | C | 0.4795 | 4008 |
| 6 chrB3.106716A | G | 0.3394 | 3922 |
| 6 chrB3.106858G | A | 0.08246 | 3990 |
| 6 chrB3.106897C | A | 0.2361 | 3998 |
| 6 chrB3.106927A | C | 0.1761 | 3822 |
| 6 chrB3.106958G | A | 0.05289 | 4008 |
| 6 chrB3.106968G | A | 0.06359 | 4010 |
| 6 chrB3.107058G | A | 0.05731 | 3996 |
| 6 chrB3.107087A | C | 0.01097 | 3920 |
| 6 chrB3.107126G | A | 0.1947 | 4000 |
| 6 chrB3.107168G | A | 0.2511 | 3994 |
| 6 chrB3.107207C | A | 0.07429 | 3998 |
| 6 chrB3.107278G | A | 0.2819 | 3998 |
| 6 chrB3.107311A | G | 0.1466 | 4004 |
| 6 chrB3.107341A | G | 0.2569 | 4006 |
| 6 chrB3.107367G | A | 0.4376 | 3992 |
| 6 chrB3.107482A | C | 0.06434 | 4010 |
| 6 chrB3.107508A | G | 0.3082 | 3994 |
| 6 chrUn.400477G | A | 0.1646 | 3870 |
| 6 chrB3.107538A | G | 0.0669 | 4006 |
| 6 chrB3.107598G | A | 0.1775 | 3984 |

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| 6 chrB3.107645A | G | 0.319 | 4010 |
| 6 chrB3.107686A | G | 0.1048 | 4008 |
| 6 chrB3.107716G | A | 0.4482 | 3998 |
| 6 chrB3.107763G | A | 0.2431 | 4002 |
| 6 chrB3.107807G | A | 0.02994 | 4008 |
| 6 chrB3.107845A | C | 0.1102 | 4002 |
| 6 chrB3.107846A | G | 0.08574 | 3942 |
| 6 chrB3.107922A | G | 0.3747 | 4006 |
| 6 chrUn.52767A | G | 0.01995 | 4010 |
| 6 chrB3.107970C | A | 0.3693 | 3994 |
| 6 chrB3.108030C | A | 0.4465 | 3980 |
| 6 chrB3.108072A | G | 0.3886 | 3994 |
| 6 chrB3.108117A | G | 0.4033 | 3980 |
| 6 chrB3.108162A | G | 0.1089 | 4004 |
| 6 chrB3.108213A | G | 0.205 | 4000 |
| 6 chrB3.108245G | A | 0.01526 | 3998 |
| 6 chrB3.108279A | G | 0.06503 | 3998 |
| 6 chrB3.108304A | G | 0.3608 | 3994 |
| 6 chrB3.108407A | G | 0.236 | 3988 |
| 6 chrB3.108453A | G | 0.2255 | 4004 |
| 6 chrB3.108487G | A | 0.2469 | 4006 |
| 6 chrB3.108520A | G | 0.2205 | 3928 |
| 6 chrB3.108563G | A | 0.4164 | 3996 |
| 6 chrB3.108594A | G | 0.3018 | 4002 |
| 6 chrB3.108651G | A | 0.1716 | 3998 |
| 6 chrB3.108736A | G | 0.2082 | 3890 |
| 6 chrB3.108776A | G | 0.1111 | 4006 |
| 6 chrB3.108821A | G | 0.09957 | 3706 |
| 6 chrB3.108865G | A | 0.3106 | 4002 |
| 6 chrB3.108923A | G | 0.175 | 4000 |
| 6 chrB3.108971A | G | 0.1701 | 3998 |
| 6 chrB3.109004G | A | 0.313 | 4006 |
| 6 chrB3.109049G | A | 0.2321 | 3998 |
| 6 chrB3.109121G | A | 0.1099 | 3958 |
| 6 chrB3.109180A | G | 0.4529 | 3992 |
| 6 chrB3.109258C | A | 0.07642 | 4004 |
| 6 chrB3.109324G | A | 0.1027 | 3944 |
| 6 chrB3.109413G | A | 0.3022 | 4004 |
| 6 chrUn.13308A | C | 0.4026 | 4004 |
| 6 chrB3.109518A | G | 0.0205 | 4000 |
| 6 chrB3.109562A | G | 0.01648 | 4006 |

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| 6 chrB3.109595G | A | 0.07905 | 3732 |
| 6 chrB3.109638A | G | 0.003268 | 3978 |
| 6 chrB3.109665A | G | 0.1115 | 4000 |
| 6 chrB3.109708A | G | 0.03423 | 3886 |
| 6 chrB3.109752G | A | 0.3385 | 3988 |
| 6 chrB3.109808G | A | 0.28 | 3986 |
| 6 chrB3.109833G | A | 0.1259 | 3940 |
| 6 chrB3.109859A | C | 0.02929 | 3960 |
| 6 chrB3.109906A | C | 0.2823 | 3988 |
| 6 chrB3.109936C | A | 0.02298 | 4004 |
| 6 chrB3.109968G | A | 0.04875 | 4000 |
| 6 chrB3.110060A | C | 0.3286 | 4008 |
| 6 chrB3.110096A | C | 0.3169 | 3904 |
| 6 chrB3.110135G | A | 0.153 | 4006 |
| 6 chrB3.110187G | A | 0.1048 | 3990 |
| 6 chrB3.110219A | G | 0.298 | 4000 |
| 6 chrB3.110233G | A | 0.1645 | 4000 |
| 6 chrB3.110301G | A | 0.4207 | 3820 |
| 6 chrB3.110328A | G | 0.1512 | 4002 |
| 6 chrUn.752878A | G | 0.1125 | 3974 |
| 6 chrB3.110374G | A | 0.3366 | 3996 |
| 6 chrB3.110425G | A | 0.112 | 3918 |
| 6 chrB3.110467A | G | 0.09077 | 3900 |
| 6 chrB3.110478A | G | 0.1608 | 3998 |
| 6 chrB3.110504G | A | 0.1458 | 3642 |
| 6 chrB3.110597A | G | 0.4093 | 4000 |
| 6 chrB3.110622G | A | 0.4268 | 3988 |
| 6 chrB3.110684C | A | 0.3317 | 3998 |
| 6 chrB3.110709A | C | 0.36 | 3978 |
| 6 chrB3.110751A | G | 0.1303 | 3998 |
| 6 chrB3.110781G | A | 0.04773 | 4002 |
| 6 chrB3.110812A | G | 0.04917 | 3620 |
| 6 chrB3.110839G | A | 0.4337 | 4000 |
| 6 chrB3.110896G | A | 0.09118 | 3992 |
| 6 chrB3.110948A | G | 0.06028 | 3882 |
| 6 chrB3.110997A | G | 0.2018 | 4008 |
| 6 chrB3.111009C | A | 0.01026 | 3998 |
| 6 chrB3.111027 | 0 C | 0 | 4008 |
| 6 chrB3.111057G | A | 0.2978 | 4006 |
| 6 chrUn.453524A | G | 0.1931 | 4008 |
| 6 chrB3.111159A | C | 0.04209 | 3968 |

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| 6 chrB3.111214G | A | 0.3648 | 4008 |
| 6 chrB3.111322A | G | 0.1543 | 4004 |
| 6 chrB3.111341 | 0 A | 0 | 3996 |
| 6 chrB3.111381A | G | 0.3832 | 3894 |
| 6 chrB3.111424G | A | 0.3016 | 3996 |
| 6 chrB3.111449A | C | 0.3251 | 4002 |
| 6 chrB3.111475G | A | 0.347 | 3994 |
| 6 chrB3.111546C | A | 0.4773 | 4008 |
| 6 chrB3.111575A | G | 0.2705 | 3992 |
| 6 chrB3.111621G | A | 0.3016 | 3996 |
| 6 chrB3.111648A | G | 0.368 | 4000 |
| 6 chrB3.111730A | C | 0.3648 | 4002 |
| 6 chrB3.111776G | A | 0.3169 | 3970 |
| 6 chrB3.111827G | A | 0.1601 | 3992 |
| 6 chrB3.111852A | G | 0.03821 | 4004 |
| 6 chrB3.111966G | A | 0.38 | 3992 |
| 6 chrB3.111992G | A | 0.2032 | 3834 |
| 6 chrB3.112023A | G | 0.1659 | 3930 |
| 6 chrB3.112051G | A | 0.1361 | 4004 |
| 6 chrB3.112092A | G | 0.07161 | 4008 |
| 6 chrB3.112134A | G | 0.1466 | 3996 |
| 6 chrB3.112169A | G | 0.1436 | 3984 |
| 6 chrB3.112232G | A | 0.1696 | 3886 |
| 6 chrB3.112284C | A | 0.4612 | 3990 |
| 6 chrB3.112326G | A | 0.3552 | 4006 |
| 6 chrB3.112422A | C | 0.3052 | 3974 |
| 6 chrB3.112459A | G | 0.0659 | 4006 |
| 6 chrB3.112503G | A | 0.3356 | 3996 |
| 6 chrA1.213989A | G | 0.2997 | 4008 |
| 6 chrB3.112529G | A | 0.264 | 3992 |
| 6 chrB3.112588A | G | 0.3514 | 3944 |
| 6 chrB3.112624G | A | 0.2606 | 4010 |
| 6 chrB3.112642G | A | 0.4027 | 4000 |
| 6 chrB3.112717G | A | 0.3666 | 4004 |
| 6 chrB3.112767A | C | 0.2218 | 3990 |
| 6 chrB3.112801C | A | 0.244 | 4004 |
| 6 chrB3.112827A | G | 0.01952 | 3996 |
| 6 chrB3.112858A | G | 0.2287 | 3948 |
| 6 chrB3.112918A | G | 0.3845 | 3990 |
| 6 chrB3.112954G | A | 0.0207 | 4010 |
| 6 chrB3.112998A | G | 0.1602 | 3896 |

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| 6 chrB3.113068G | A | 0.3468 | 4000 |
| 6 chrB3.113123G | A | 0.1889 | 3976 |
| 6 chrB3.113193A | G | 0.4634 | 3994 |
| 6 chrB3.113225A | C | 0.1548 | 3934 |
| 6 chrB3.113252A | G | 0.2581 | 4002 |
| 6 chrB3.113288A | G | 0.2013 | 4008 |
| 6 chrB3.113310A | G | 0.3872 | 3998 |
| 6 chrB3.113350A | G | 0.0508 | 3996 |
| 6 chrB3.113395A | G | 0.01598 | 4004 |
| 6 chrB3.113426A | G | 0.4019 | 3996 |
| 6 chrB3.113531A | G | 0.04042 | 3934 |
| 6 chrB3.113589A | G | 0.3803 | 4002 |
| 6 chrB3.113625G | A | 0.3799 | 4006 |
| 6 chrB3.113665G | A | 0.0397 | 3980 |
| 6 chrB3.113709A | G | 0.1261 | 4006 |
| 6 chrB3.113742G | A | 0.108 | 4010 |
| 6 chrB3.113774A | G | 0.1061 | 4006 |
| 6 chrB3.113804G | A | 0.1368 | 3910 |
| 6 chrB3.113869A | G | 0.1041 | 4004 |
| 6 chrB3.113922A | G | 0.1597 | 3952 |
| 6 chrB3.113962A | G | 0.1542 | 4002 |
| 6 chrB3.114043G | A | 0.3446 | 4002 |
| 6 chrB3.114108A | G | 0.08533 | 4008 |
| 6 chrB3.114161A | G | 0.1526 | 3900 |
| 6 chrB3.114216G | A | 0.3103 | 3964 |
| 6 chrB3.114267C | A | 0.3398 | 3988 |
| 6 chrB3.114321A | G | 0.2982 | 3964 |
| 6 chrB3.114370G | A | 0.004755 | 3996 |
| 6 chrB3.114410G | A | 0.00729 | 3978 |
| 6 chrB3.114439A | G | 0.01797 | 4006 |
| 6 chrB3.114455G | A | 0.4336 | 4004 |
| 6 chrB3.114487A | G | 0.2629 | 3994 |
| 6 chrB3.114518A | G | 0.01347 | 4008 |
| 6 chrB3.114560A | G | 0.4674 | 3982 |
| 6 chrB3.114615A | G | 0.3595 | 4008 |
| 6 chrB3.114666G | A | 0.2937 | 3990 |
| 6 chrB3.114736A | G | 0.3942 | 3980 |
| 6 chrB3.114774A | G | 0.08971 | 4002 |
| 6 chrB3.114824G | A | 0.01198 | 4008 |
| 6 chrB3.114877A | G | 0.09152 | 3846 |
| 6 chrB3.114944C | A | 0.04747 | 3918 |

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| 6 chrB3.115019A | G | 0.298 | 3876 |
| 6 chrB3.115057A | G | 0.01011 | 3858 |
| 6 chrB3.115101A | G | 0.4375 | 4000 |
| 6 chrB3.115128A | G | 0.2456 | 3990 |
| 6 chrB3.115146C | A | 0.04023 | 4002 |
| 6 chrB3.115157A | G | 0.1556 | 4004 |
| 6 chrB3.115189G | A | 0.1834 | 4002 |
| 6 chrA1.258049A | G | 0.2664 | 4006 |
| 6 chrA1.258011A | G | 0.09255 | 3998 |
| 6 chrB3.115326A | G | 0.3548 | 4000 |
| 6 chrA1.257738A | G | 0.2572 | 4000 |
| 6 chrA1.257652G | A | 0.07829 | 3998 |
| 6 chrA1.257559G | A | 0.1982 | 4006 |
| 6 chrA1.257439A | G | 0.3063 | 3990 |
| 6 chrA1.257366A | G | 0.005985 | 4010 |
| 6 chrA1.257342G | A | 0.04008 | 3942 |
| 6 chrB3.115538G | A | 0.00976 | 3996 |
| 6 chrA1.257281A | G | 0.09752 | 3876 |
| 6 chrA1.257132G | A | 0.05666 | 3936 |
| 6 chrB3.115657G | A | 0.04567 | 3876 |
| 6 chrUn.37217G | A | 0.1391 | 3932 |
| 6 chrA1.256894A | G | 0.2806 | 3988 |
| 6 chrA1.256779A | G | 0.06089 | 3958 |
| 6 chrA1.256692A | C | 0.4765 | 3998 |
| 6 chrA1.256658A | G | 0.4965 | 4004 |
| 6 chrA1.256619A | G | 0.4468 | 3946 |
| 6 chrA1.256577A | G | 0.4967 | 3982 |
| 6 chrB3.115886G | A | 0.4695 | 3998 |
| 6 chrB3.115939A | G | 0.3467 | 3992 |
| 6 chrA1.256390A | G | 0.1293 | 4006 |
| 6 chrA1.256342A | G | 0.4377 | 3994 |
| 6 chrB3.115998A | G | 0.3359 | 3980 |
| 6 chrA1.256309G | A | 0.3474 | 3992 |
| 6 chrB3.116034G | A | 0.2324 | 4002 |
| 6 chrB3.116039G | A | 0.1763 | 4004 |
| 6 chrB3.116071G | A | 0.0949 | 3804 |
| 6 chrB3.116096G | A | 0.4837 | 3930 |
| 6 chrB3.116149G | A | 0.4754 | 3990 |
| 6 chrB3.116200G | A | 0.4286 | 3994 |
| 6 chrB3.116226G | A | 0.06013 | 4008 |
| 6 chrB3.116302A | C | 0.256 | 4008 |

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|-----------------|---|---------|------|
| 6 chrB3.116335A | G | 0.2844 | 3998 |
| 6 chrB1.162111G | A | 0.4447 | 3962 |
| 6 chrB3.116437A | C | 0.02242 | 3880 |
| 6 chrB3.116588G | A | 0.03343 | 4008 |
| 6 chrB3.116644A | G | 0.02097 | 4006 |
| 6 chrB3.116684A | G | 0.403 | 3980 |
| 6 chrB3.116726G | A | 0.1088 | 3988 |
| 6 chrB3.116760A | G | 0.1598 | 4004 |
| 6 chrB3.116810A | G | 0.3853 | 3992 |
| 6 chrB3.116859G | A | 0.1373 | 3990 |
| 6 chrB3.116886A | G | 0.09694 | 3982 |
| 6 chrB3.116923G | A | 0.2601 | 4006 |
| 6 chrB3.116947G | A | 0.1663 | 4006 |
| 6 chrB3.117001G | A | 0.1825 | 3972 |
| 6 chrB3.117028A | G | 0.1876 | 3992 |
| 6 chrB3.117061G | A | 0.2644 | 3922 |
| 6 chrB3.117113A | G | 0.2676 | 3830 |
| 6 chrB3.117243A | G | 0.138 | 4000 |
| 6 chrB3.117292A | G | 0.1363 | 3998 |
| 6 chrB3.117387A | G | 0.3841 | 4004 |
| 6 chrB3.117442A | C | 0.4681 | 3984 |
| 6 chrB3.117469C | A | 0.265 | 3792 |
| 6 chrB3.117479A | C | 0.124 | 3766 |
| 6 chrB3.117534A | G | 0.168 | 3762 |
| 6 chrB3.117534C | A | 0.03879 | 3970 |
| 6 chrB3.117573G | A | 0.238 | 4004 |
| 6 chrB3.117669G | A | 0.1684 | 4008 |
| 6 chrF2.327436A | G | 0.103 | 3942 |
| 6 chrB3.117709C | A | 0.1885 | 3984 |
| 6 chrB3.117780A | C | 0.3099 | 3998 |
| 6 chrB3.117865A | G | 0.2883 | 3964 |
| 6 chrB3.117904G | A | 0.4137 | 3952 |
| 6 chrB3.117939G | A | 0.2389 | 3934 |
| 6 chrB3.117999C | A | 0.06597 | 4002 |
| 6 chrB3.118066G | A | 0.3981 | 3858 |
| 6 chrB3.118117A | C | 0.4385 | 4002 |
| 6 chrB3.118145A | C | 0.19 | 3952 |
| 6 chrB3.118255G | A | 0.04743 | 3964 |
| 6 chrB3.118308A | G | 0.0649 | 4006 |
| 6 chrB3.118362A | G | 0.3353 | 3976 |
| 6 chrB3.118365A | G | 0.3172 | 4004 |

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| 6 chrB3.11840C | G | 0.4425 | 3998 |
| 6 chrB3.118437A | G | 0.3842 | 4000 |
| 6 chrB3.118478A | C | 0.07924 | 3988 |
| 6 chrB3.118525A | G | 0.1604 | 3964 |
| 6 chrB3.118562G | A | 0.4958 | 4004 |
| 6 chrB3.11861C | A | 0.1003 | 4000 |
| 6 chrB3.11867C | G | 0.2335 | 4000 |
| 6 chrB3.118715G | A | 0.02095 | 4010 |
| 6 chrB3.118839A | G | 0.294 | 3996 |
| 6 chrB3.118842G | A | 0.2319 | 4002 |
| 6 chrB3.118903C | A | 0.1703 | 4000 |
| 6 chrB3.11895C | G | 0.04116 | 3960 |
| 6 chrD1.890504A | G | 0.0452 | 4004 |
| 6 chrB3.118999A | C | 0.0407 | 3882 |
| 6 chrB3.119028A | G | 0.3856 | 3934 |
| 6 chrB3.119052A | G | 0.01378 | 3846 |
| 6 chrB3.119083C | A | 0.1032 | 4010 |
| 6 chrB3.119116G | A | 0.1111 | 3998 |
| 6 chrB3.11916C | A | 0.2479 | 4002 |
| 6 chrB3.119179G | A | 0.007338 | 3952 |
| 6 chrB3.119197C | A | 0.1047 | 4010 |
| 6 chrB3.119242G | A | 0.4302 | 4010 |
| 6 chrB3.119322A | G | 0.475 | 3836 |
| 6 chrB3.119365C | A | 0.2858 | 4000 |
| 6 chrB3.11939C | A | 0.2772 | 3990 |
| 6 chrB3.119431A | G | 0.2679 | 3774 |
| 6 chrA1.573238G | A | 0.09762 | 3944 |
| 6 chrB3.119466G | A | 0.4705 | 3892 |
| 6 chrA1.573822A | G | 0.3884 | 4004 |
| 6 chrB3.11949C | A | 0.252 | 3964 |
| 6 chrB3.119523A | G | 0.2856 | 3992 |
| 6 chrB3.119573A | C | 0.04334 | 3992 |
| 6 chrB3.119607A | G | 0.3836 | 3916 |
| 6 chrB3.119645G | A | 0.3677 | 3998 |
| 6 chrB3.119674A | G | 0.2065 | 3986 |
| 6 chrB3.119718G | A | 0.2854 | 4002 |
| 6 chrB3.119794A | G | 0.2981 | 3932 |
| 6 chrB3.119869G | A | 0.4172 | 3950 |
| 6 chrB3.119918G | A | 0.2606 | 3964 |
| 6 chrB3.119961A | G | 0.3012 | 4004 |
| 6 chrB3.120038A | G | 0.1527 | 4008 |

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| 6 chrB3.120085G | A | 0.2171 | 3970 |
| 6 chrB3.120148A | G | 0.02201 | 3998 |
| 6 chrB3.120177A | G | 0.01012 | 3952 |
| 6 chrB3.120206A | G | 0.1862 | 4002 |
| 6 chrB3.120247C | A | 0.06651 | 3804 |
| 6 chrB4.143103A | G | 0.3751 | 3994 |
| 6 chrB3.120308G | A | 0.04275 | 4000 |
| 6 chrB3.120334C | A | 0.2164 | 3992 |
| 6 chrB3.120357A | G | 0.01099 | 4004 |
| 6 chrB3.120380A | G | 0.296 | 3652 |
| 6 chrB3.120406C | A | 0.2268 | 4008 |
| 6 chrB3.120432G | A | 0.2451 | 3990 |
| 6 chrB3.120457A | G | 0.3354 | 3998 |
| 6 chrB3.120500A | G | 0.03158 | 3958 |
| 6 chrB3.120552A | G | 0.04065 | 4010 |
| 6 chrB3.120625A | G | 0.0122 | 3854 |
| 6 chrB3.120664G | A | 0.118 | 4000 |
| 6 chrB3.120722A | C | 0.3084 | 3992 |
| 6 chrB3.120759A | G | 0.3323 | 3996 |
| 6 chrB3.120792A | C | 0.07809 | 4008 |
| 6 chrB3.120825G | A | 0.4915 | 3998 |
| 6 chrB3.120843 | 0 A | 0 | 4008 |
| 6 chrB3.120883G | A | 0.4834 | 3974 |
| 6 chrB3.120927A | G | 0.0669 | 4006 |
| 6 chrB3.120957A | G | 0.2677 | 4000 |
| 6 chrB3.121020A | C | 0.1938 | 4004 |
| 6 chrB3.121081A | G | 0.03694 | 4006 |
| 6 chrB3.121082G | A | 0.2215 | 3986 |
| 6 chrB3.121107G | A | 0.3864 | 3804 |
| 6 chrB3.121132C | A | 0.01554 | 3990 |
| 6 chrB3.121163A | G | 0.1088 | 3878 |
| 6 chrB3.121329A | C | 0.2951 | 3992 |
| 6 chrB3.121354C | A | 0.4274 | 3940 |
| 6 chrB3.121424C | A | 0.1785 | 4006 |
| 6 chrB3.121457A | G | 0.4588 | 3906 |
| 6 chrB3.121496A | C | 0.4732 | 3990 |
| 6 chrB3.121524A | G | 0.185 | 3994 |
| 6 chrB3.121590A | C | 0.1135 | 3966 |
| 6 chrB3.121640G | A | 0.1743 | 4004 |
| 6 chrB3.121689G | A | 0.2249 | 3984 |
| 6 chrB3.121721A | C | 0.05984 | 3944 |

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| 6 chrB3.121785A | G | 0.05372 | 3816 |
| 6 chrB3.121801G | A | 0.08421 | 4002 |
| 6 chrB3.121827G | A | 0.4613 | 3978 |
| 6 chrB3.121861A | G | 0.2538 | 3952 |
| 6 chrB3.121915G | A | 0.4476 | 4006 |
| 6 chrB3.122008A | G | 0.05186 | 3934 |
| 6 chrB3.122084A | G | 0.2489 | 4006 |
| 6 chrB3.122129G | A | 0.2499 | 3994 |
| 6 chrB3.122194A | C | 0.4809 | 3670 |
| 6 chrB3.122220A | G | 0.4116 | 3992 |
| 6 chrB3.122244A | G | 0.07416 | 3978 |
| 6 chrB3.122287A | G | 0.4795 | 3946 |
| 6 chrB3.122331A | G | 0.4851 | 3888 |
| 6 chrB3.122359G | A | 0.4366 | 4008 |
| 6 chrB3.122406G | A | 0.4892 | 3994 |
| 6 chrB3.122429C | A | 0.1522 | 3974 |
| 6 chrB3.122460A | G | 0.1658 | 4006 |
| 6 chrB3.122519A | G | 0.07671 | 4002 |
| 6 chrB3.122621A | C | 0.2977 | 3984 |
| 6 chrB3.122681G | A | 0.3631 | 4004 |
| 6 chrB3.122711A | G | 0.154 | 4000 |
| 6 chrB3.122757A | G | 0.1323 | 3990 |
| 6 chrB3.122784G | A | 0.2126 | 3994 |
| 6 chrB3.122838A | G | 0.1978 | 3892 |
| 6 chrB3.122889G | A | 0.2159 | 4006 |
| 6 chrB3.122915G | A | 0.4653 | 4004 |
| 6 chrB3.122959A | C | 0.3424 | 3984 |
| 6 chrB3.123041A | G | 0.08541 | 4004 |
| 6 chrC1.231442A | G | 0.2352 | 3996 |
| 6 chrB3.123109A | G | 0.4738 | 4002 |
| 6 chrB3.123182C | A | 0.2477 | 3980 |
| 6 chrB3.123308A | G | 0.1617 | 3996 |
| 6 chrB3.123334G | A | 0.2406 | 3982 |
| 6 chrB3.123358C | A | 0.1859 | 3954 |
| 6 chrB3.123408A | G | 0.4634 | 3994 |
| 6 chrB3.123439A | G | 0.2592 | 4004 |
| 6 chrB3.123486A | G | 0.3979 | 3986 |
| 6 chrB3.123508A | G | 0.3828 | 4010 |
| 6 chrB3.123546C | A | 0.4778 | 4006 |
| 6 chrB3.123576G | A | 0.1128 | 3990 |
| 6 chrB3.123658A | G | 0.3899 | 3996 |

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| 6 chrB3.123695A | G | 0.485 | 3988 |
| 6 chrB3.123722A | C | 0.465 | 3996 |
| 6 chrB3.123790G | A | 0.3696 | 4004 |
| 6 chrB3.123820G | A | 0.1915 | 3954 |
| 6 chrB3.123845A | G | 0.3898 | 4002 |
| 6 chrB3.123915G | A | 0.05888 | 3974 |
| 6 chrB3.123947C | A | 0.02951 | 3998 |
| 6 chrB3.123995G | A | 0.06975 | 4000 |
| 6 chrB3.124032A | G | 0.2393 | 3982 |
| 6 chrB3.124076G | A | 0.2619 | 3964 |
| 6 chrB3.124125G | A | 0.4252 | 3986 |
| 6 chrB3.124194A | G | 0.1201 | 4004 |
| 6 chrB3.124250A | G | 0.04264 | 4010 |
| 6 chrB3.124305G | A | 0.2814 | 3984 |
| 6 chrB3.124347A | G | 0.2968 | 3996 |
| 6 chrB3.124396C | A | 0.1443 | 3986 |
| 6 chrB3.124431A | G | 0.0419 | 4010 |
| 6 chrB3.124483A | G | 0.4518 | 4002 |
| 6 chrB3.124516C | A | 0.2706 | 3976 |
| 6 chrB3.124552A | C | 0.1556 | 4004 |
| 6 chrB3.124615A | G | 0.1245 | 4000 |
| 6 chrB3.124645A | G | 0.01722 | 4008 |
| 6 chrB3.124674A | G | 0.05947 | 4002 |
| 6 chrB3.124713A | G | 0.4947 | 3996 |
| 6 chrB3.124776A | G | 0.07346 | 4002 |
| 6 chrB3.124820C | A | 0.03629 | 3996 |
| 6 chrB3.124863C | A | 0.04873 | 4002 |
| 6 chrB3.124928C | A | 0.05147 | 4002 |
| 6 chrB3.124973A | G | 0.1432 | 3994 |
| 6 chrB3.125035G | A | 0.3387 | 4006 |
| 6 chrB3.125096G | A | 0.493 | 3998 |
| 6 chrB3.125141A | G | 0.483 | 4002 |
| 6 chrB3.125200A | G | 0.4232 | 3998 |
| 6 chrB3.125283C | A | 0.2031 | 3988 |
| 6 chrB3.125316G | A | 0.1926 | 3998 |
| 6 chrB3.125364G | A | 0.495 | 4000 |
| 6 chrB3.125426A | G | 0.274 | 3974 |
| 6 chrB3.125455G | A | 0.1907 | 3854 |
| 6 chrB3.125482A | G | 0.4867 | 3842 |
| 6 chrB3.125600G | A | 0.2115 | 3840 |
| 6 chrB3.125625G | A | 0.324 | 4000 |

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| 6 chrB3.125697A | G | 0.1794 | 3930 |
| 6 chrB3.125775A | G | 0.2909 | 4008 |
| 6 chrB3.125825A | G | 0.2409 | 4002 |
| 6 chrB3.125861G | A | 0.2187 | 3988 |
| 6 chrB3.125912A | G | 0.3594 | 4004 |
| 6 chrB3.125942A | C | 0.06143 | 3988 |
| 6 chrB3.125974G | A | 0.3578 | 4008 |
| 6 chrB3.126048A | G | 0.2016 | 3958 |
| 6 chrB3.126077G | A | 0.05482 | 3940 |
| 6 chrB3.126135G | A | 0.000998 | 4008 |
| 6 chrB3.126177A | G | 0.08762 | 4006 |
| 6 chrB3.126215A | G | 0.1834 | 4002 |
| 6 chrB3.126264G | A | 0.2817 | 3894 |
| 6 chrB3.126325G | A | 0.2265 | 3986 |
| 6 chrB3.126376G | A | 0.4211 | 4006 |
| 6 chrB3.126415C | A | 0.2277 | 3944 |
| 6 chrB3.126487A | G | 0.3035 | 3994 |
| 6 chrB3.126505 | 0 A | 0 | 4004 |
| 6 chrB3.126550A | G | 0.2445 | 3796 |
| 6 chrB3.126595A | G | 0.4372 | 3982 |
| 6 chrB3.126655G | A | 0.2589 | 3986 |
| 6 chrB3.126698G | A | 0.3519 | 3956 |
| 6 chrB3.126741G | A | 0.2242 | 3978 |
| 6 chrB3.126775A | G | 0.2139 | 3992 |
| 6 chrB3.126805G | A | 0.3687 | 3998 |
| 6 chrB3.126844A | G | 0.3385 | 3982 |
| 6 chrB3.126887A | G | 0.2059 | 3982 |
| 6 chrB3.126946G | A | 0.1778 | 4004 |
| 6 chrB3.126985C | A | 0.1823 | 4004 |
| 6 chrB3.127015A | G | 0.1804 | 4002 |
| 6 chrB3.127091G | A | 0.1779 | 4008 |
| 6 chrB3.127118 | 0 A | 0 | 4002 |
| 6 chrB3.127181A | G | 0.1282 | 4010 |
| 6 chrB3.127205G | A | 0.135 | 4000 |
| 6 chrB3.127215G | A | 0.1301 | 4006 |
| 6 chrB3.127285G | A | 0.1333 | 4006 |
| 6 chrB3.127320A | G | 0.1609 | 4002 |
| 6 chrB3.127368A | C | 0.1328 | 3962 |
| 6 chrB3.127415G | A | 0.1598 | 4004 |
| 6 chrB3.127475G | A | 0.1688 | 3922 |
| 6 chrB3.127495A | G | 0.3225 | 3972 |

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| 6 chrB3.127538A | G | 0.2028 | 3954 |
| 6 chrB3.127571C | A | 0.2089 | 4006 |
| 6 chrUn.557926A | C | 0.4337 | 3980 |
| 6 chrB3.127622G | A | 0.007481 | 4010 |
| 6 chrB3.127662A | G | 0.3151 | 4002 |
| 6 chrB3.127772G | A | 0.3165 | 4000 |
| 6 chrB3.127835A | G | 0.1377 | 4008 |
| 6 chrB3.127877A | G | 0.3452 | 3980 |
| 6 chrB3.127948A | G | 0.4202 | 3986 |
| 6 chrB3.127986A | G | 0.004018 | 3982 |
| 6 chrB3.128012A | C | 0.1835 | 4006 |
| 6 chrB3.128073A | G | 0.03298 | 3942 |
| 6 chrB3.128114G | A | 0.1267 | 4010 |
| 6 chrB3.128173G | A | 0.1883 | 4004 |
| 6 chrB3.128265G | A | 0.09111 | 4006 |
| 6 chrB3.128318G | A | 0.3798 | 4000 |
| 6 chrB3.128372A | G | 0.1628 | 4004 |
| 6 chrB3.128436A | G | 0.3605 | 3992 |
| 6 chrB3.128477G | A | 0.05844 | 4004 |
| 6 chrB3.128509G | A | 0.2257 | 3934 |
| 6 chrB3.128547G | A | 0.4871 | 3864 |
| 6 chrB3.128659G | A | 0.2798 | 4006 |
| 6 chrB3.128688A | G | 0.4703 | 4006 |
| 6 chrB3.128728G | A | 0.1122 | 4002 |
| 6 chrB3.128760A | G | 0.4526 | 4006 |
| 6 chrB3.128773A | G | 0.2474 | 4010 |
| 6 chrB3.128787A | G | 0.09446 | 3970 |
| 6 chrB3.128928C | A | 0.2913 | 3882 |
| 6 chrB3.128968G | A | 0.1435 | 4008 |
| 6 chrB3.129026C | A | 0.03482 | 3992 |
| 6 chrB3.129112A | G | 0.215 | 3930 |
| 6 chrB3.129140G | A | 0.2186 | 3952 |
| 6 chrB3.129230G | A | 0.1596 | 3928 |
| 6 chrB3.129334A | G | 0.2262 | 4000 |
| 6 chrB3.129387C | A | 0.4239 | 3994 |
| 6 chrB3.129432A | C | 0.2266 | 3972 |
| 6 chrB3.129473G | A | 0.3384 | 4004 |
| 6 chrB3.129554G | A | 0.4243 | 4002 |
| 6 chrB3.129590G | A | 0.3332 | 4004 |
| 6 chrB3.129675G | A | 0.04434 | 3992 |
| 6 chrB3.129679A | G | 0.3661 | 3980 |

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| 6 chrB3.129715A | G | 0.2877 | 3994 |
| 6 chrB3.129751G | A | 0.0921 | 3746 |
| 6 chrB3.129780G | A | 0.2815 | 3982 |
| 6 chrB3.129815A | G | 0.01499 | 4002 |
| 6 chrB3.129825A | G | 0.4296 | 4006 |
| 6 chrB3.130014 | 0 G | 0 | 4006 |
| 6 chrB3.130005A | G | 0.02298 | 4004 |
| 6 chrB3.130080A | G | 0.01205 | 3902 |
| 6 chrB3.129967G | A | 0.0262 | 4008 |
| 6 chrB3.130156A | G | 0.2087 | 4006 |
| 6 chrB3.130194A | G | 0.2546 | 3986 |
| 6 chrB3.130219C | A | 0.3417 | 3980 |
| 6 chrB3.130268G | A | 0.4318 | 4002 |
| 6 chrB3.130131G | A | 0.0517 | 3830 |
| 6 chrB3.130295A | G | 0.4511 | 4006 |
| 6 chrB3.130372A | G | 0.06624 | 3910 |
| 6 chrB3.130411A | G | 0.01406 | 3770 |
| 6 chrB3.130554A | G | 0.3681 | 4004 |
| 6 chrB3.130637A | G | 0.3977 | 3842 |
| 6 chrB3.130679G | A | 0.1677 | 4008 |
| 6 chrB3.130721A | G | 0.04989 | 3808 |
| 6 chrB3.130805C | A | 0.1306 | 4004 |
| 6 chrB3.130855A | G | 0.03495 | 4006 |
| 6 chrB3.130900G | A | 0.3176 | 4002 |
| 6 chrB3.130998G | A | 0.0932 | 3970 |
| 6 chrB3.131065G | A | 0.1147 | 4002 |
| 6 chrB3.131126A | C | 0.3064 | 3988 |
| 6 chrB3.131160G | A | 0.1201 | 3998 |
| 6 chrB3.131170A | G | 0.01761 | 3974 |
| 6 chrB3.131218A | G | 0.2564 | 4002 |
| 6 chrB3.131255A | G | 0.3339 | 4004 |
| 6 chrB3.131318A | G | 0.338 | 3958 |
| 6 chrB3.131350C | A | 0.3404 | 4004 |
| 6 chrB3.131405G | A | 0.07872 | 3938 |
| 6 chrB3.131445A | G | 0.4088 | 3970 |
| 6 chrB3.131471G | A | 0.1026 | 3790 |
| 6 chrB3.131545 | 0 G | 0 | 4010 |
| 6 chrB3.131579G | A | 0.4353 | 3986 |
| 6 chrB3.131622C | A | 0.1777 | 3884 |
| 6 chrB3.131660A | G | 0.2433 | 3966 |
| 6 chrB3.131735A | G | 0.1235 | 4000 |

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| 6 chrB3.131804A | G | 0.3859 | 3980 |
| 6 chrB3.131871A | G | 0.3499 | 3984 |
| 6 chrB3.131907A | G | 0.3584 | 3912 |
| 6 chrB3.131940C | A | 0.3057 | 4010 |
| 6 chrB3.131989 | 0 G | 0 | 3998 |
| 6 chrB3.132014A | G | 0.3719 | 4006 |
| 6 chrB3.132090G | A | 0.2724 | 4002 |
| 6 chrB3.132142G | A | 0.2177 | 3996 |
| 6 chrB3.132168G | A | 0.3085 | 4000 |
| 6 chrB3.132201A | G | 0.207 | 4000 |
| 6 chrB3.132245A | C | 0.02645 | 4008 |
| 6 chrB3.132279A | G | 0.217 | 3996 |
| 6 chrB3.132344G | A | 0.2304 | 3998 |
| 6 chrB3.132378C | A | 0.2644 | 3990 |
| 6 chrB3.132428G | A | 0.186 | 3646 |
| 6 chrB3.132489G | A | 0.05716 | 4006 |
| 6 chrB3.132524A | G | 0.1522 | 3994 |
| 6 chrB3.132556G | A | 0.3187 | 4000 |
| 6 chrB3.132563G | A | 0.2872 | 4008 |
| 6 chrB3.132613G | A | 0.1857 | 4006 |
| 6 chrB3.132699A | G | 0.06607 | 3890 |
| 6 chrB3.132742A | G | 0.1961 | 3958 |
| 6 chrB3.132796G | A | 0.487 | 4004 |
| 6 chrB3.132850A | G | 0.02621 | 4006 |
| 6 chrB3.132877A | G | 0.1529 | 3990 |
| 6 chrB3.132902G | A | 0.2063 | 4008 |
| 6 chrB3.132979A | G | 0.2885 | 3854 |
| 6 chrB3.133006C | A | 0.1032 | 4000 |
| 6 chrB3.133036A | G | 0.3335 | 3976 |
| 6 chrB3.133069G | A | 0.3025 | 3990 |
| 6 chrB3.133100A | G | 0.4702 | 3998 |
| 6 chrB3.133160A | G | 0.4323 | 4002 |
| 6 chrB3.133224C | A | 0.4432 | 3998 |
| 6 chrB3.133269A | G | 0.1749 | 4002 |
| 6 chrB3.133292A | G | 0.004745 | 4004 |
| 6 chrB3.133319G | A | 0.2993 | 3982 |
| 6 chrB3.133425A | G | 0.3798 | 3828 |
| 6 chrB3.133468G | A | 0.1881 | 3960 |
| 6 chrB3.133553A | G | 0.01259 | 3972 |
| 6 chrB3.133581G | A | 0.3139 | 3998 |
| 6 chrB3.133653G | A | 0.1738 | 3982 |

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| 6 chrB3.133679A | C | 0.478 | 4006 |
| 6 chrB3.133732A | G | 0.1744 | 4008 |
| 6 chrB3.133760A | C | 0.366 | 3994 |
| 6 chrB3.133830A | G | 0.06013 | 4008 |
| 6 chrB3.133878A | C | 0.1682 | 3996 |
| 6 chrB3.133940A | G | 0.3919 | 4006 |
| 6 chrB3.134010A | C | 0.4682 | 3930 |
| 6 chrB3.134065A | G | 0.009704 | 3916 |
| 6 chrB3.134125C | A | 0.3191 | 3992 |
| 6 chrB3.134174A | G | 0.3212 | 4004 |
| 6 chrB3.134239A | C | 0.2211 | 3962 |
| 6 chrB3.134279A | G | 0.335 | 4006 |
| 6 chrB3.134306C | A | 0.3733 | 4000 |
| 6 chrB3.134335A | C | 0.2329 | 4010 |
| 6 chrB3.134380A | G | 0.1804 | 3996 |
| 6 chrB3.134440C | A | 0.3725 | 4008 |
| 6 chrB3.134469A | G | 0.3868 | 3976 |
| 6 chrB3.134504G | A | 0.2225 | 3996 |
| 6 chrB3.134561A | G | 0.1904 | 3992 |
| 6 chrB3.134598C | A | 0.2706 | 3998 |
| 6 chrB3.134635G | A | 0.2442 | 4000 |
| 6 chrB3.134671A | G | 0.02249 | 4002 |
| 6 chrB3.134737A | G | 0.3022 | 4004 |
| 6 chrB3.134761A | G | 0.4882 | 3968 |
| 6 chrB3.134791A | G | 0.004242 | 4008 |
| 6 chrB3.134832G | A | 0.2012 | 3992 |
| 6 chrB3.134865C | A | 0.2322 | 3992 |
| 6 chrB3.134895G | A | 0.08734 | 3996 |
| 6 chrB3.134937A | G | 0.05395 | 4004 |
| 6 chrB3.135035A | G | 0.462 | 3948 |
| 6 chrB3.135106G | A | 0.3751 | 4004 |
| 6 chrB3.135162G | A | 0.1832 | 4006 |
| 6 chrB3.135220G | A | 0.06047 | 4002 |
| 6 chrB3.135250C | A | 0.495 | 3974 |
| 6 chrB3.135279G | A | 0.192 | 4000 |
| 6 chrB3.135314C | A | 0.04398 | 3888 |
| 6 chrB3.135346A | G | 0.2822 | 3976 |
| 6 chrB3.135387G | A | 0.401 | 4002 |
| 6 chrB3.135432A | G | 0.05015 | 3988 |
| 6 chrB3.135467A | G | 0.1208 | 3950 |
| 6 chrB3.135492A | G | 0.2349 | 3942 |

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| 6 chrB3.135555A | G | 0.1189 | 4002 |
| 6 chrB3.135575G | A | 0.2021 | 3984 |
| 6 chrB3.135615G | A | 0.3728 | 3804 |
| 6 chrB3.135660A | G | 0.3335 | 3796 |
| 6 chrB3.135745A | G | 0.2984 | 3998 |
| 6 chrB3.135831G | A | 0.3079 | 3992 |
| 6 chrB3.135935A | G | 0.3701 | 4002 |
| 6 chrB3.136074A | G | 0.4252 | 3996 |
| 6 chrB3.136144A | G | 0.2262 | 4006 |
| 6 chrB3.136168G | A | 0.3316 | 4002 |
| 6 chrB3.136214C | A | 0.2253 | 4004 |
| 6 chrB3.136240A | G | 0.1305 | 4000 |
| 6 chrB3.136265A | G | 0.3211 | 3996 |
| 6 chrB3.136295 | 0 G | 0 | 4010 |
| 6 chrB3.136317A | G | 0.2997 | 3980 |
| 6 chrB3.136396G | A | 0.422 | 4002 |
| 6 chrB3.136440G | A | 0.1667 | 3996 |
| 6 chrB3.136475A | G | 0.4191 | 4004 |
| 6 chrB3.136520A | G | 0.1936 | 4004 |
| 6 chrB3.136566G | A | 0.4486 | 4004 |
| 6 chrB3.136626A | G | 0.007232 | 4010 |
| 6 chrB3.136662A | G | 0.3079 | 3992 |
| 6 chrB3.136701C | A | 0.3416 | 3958 |
| 6 chrB3.136731A | G | 0.02796 | 4006 |
| 6 chrB3.136755A | G | 0.08304 | 3998 |
| 6 chrB3.136825G | A | 0.4982 | 3960 |
| 6 chrB3.136865A | G | 0.08804 | 3998 |
| 6 chrB3.136895A | G | 0.3253 | 3944 |
| 6 chrB3.136946A | G | 0.3662 | 3976 |
| 6 chrB3.137045C | A | 0.2589 | 4006 |
| 6 chrB3.137087C | A | 0.2949 | 4008 |
| 6 chrB3.137115C | A | 0.4897 | 3986 |
| 6 chrB3.137195G | A | 0.1753 | 3948 |
| 6 chrB3.137240A | G | 0.02918 | 4010 |
| 6 chrB3.137296A | G | 0.455 | 3998 |
| 6 chrB3.137348A | G | 0.1843 | 3972 |
| 6 chrB3.137352A | G | 0.06378 | 3998 |
| 6 chrB3.137378G | A | 0.05775 | 4000 |
| 6 chrB3.137410G | A | 0.3384 | 4004 |
| 6 chrB3.137470G | A | 0.03552 | 3998 |
| 6 chrB3.137471G | A | 0.428 | 4002 |

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| 6 chrB3.137548A | G | 0.02021 | 4008 |
| 6 chrB3.137577A | C | 0.01871 | 4008 |
| 6 chrB3.137675A | C | 0.1192 | 3976 |
| 6 chrB3.137735A | G | 0.3511 | 4004 |
| 6 chrB3.137812G | A | 0.1139 | 4002 |
| 6 chrB3.137842A | G | 0.1543 | 3998 |
| 6 chrB3.137889G | A | 0.2883 | 3992 |
| 6 chrB3.137925A | G | 0.09025 | 4000 |
| 6 chrB3.137955A | G | 0.05126 | 3902 |
| 6 chrB3.137985G | A | 0.2027 | 3996 |
| 6 chrB3.138021G | A | 0.2156 | 4008 |
| 6 chrB3.138085C | A | 0.2001 | 3964 |
| 6 chrB3.138115A | G | 0.03758 | 3938 |
| 6 chrB3.138182C | A | 0.06642 | 3990 |
| 6 chrB3.138232A | G | 0.0267 | 4008 |
| 6 chrB3.138435A | G | 0.3155 | 3924 |
| 6 chrB3.138490G | A | 0.3017 | 3894 |
| 6 chrB3.138497G | A | 0.01372 | 3716 |
| 6 chrB3.138535A | C | 0.04852 | 3978 |
| 6 chrB3.138562G | A | 0.2271 | 3968 |
| 6 chrB3.138640A | G | 0.1397 | 3986 |
| 6 chrB3.138687A | G | 0.341 | 4006 |
| 6 chrB3.138745A | C | 0.05489 | 3990 |
| 6 chrB3.138785A | G | 0.4358 | 4000 |
| 6 chrB3.138840G | A | 0.1639 | 4002 |
| 6 chrB3.138894C | A | 0.1017 | 3856 |
| 6 chrB3.138918A | G | 0.4923 | 4004 |
| 6 chrB3.138965A | G | 0.1209 | 3994 |
| 6 chrB3.139015A | G | 0.289 | 4000 |
| 6 chrB3.139047A | G | 0.1091 | 4004 |
| 6 chrB3.139155G | A | 0.1432 | 4000 |
| 6 chrB3.139192G | A | 0.09395 | 4002 |
| 6 chrB3.139215A | G | 0.1418 | 4000 |
| 6 chrB3.139232G | A | 0.07685 | 4008 |
| 6 chrB3.139341A | G | 0.1294 | 3996 |
| 6 chrB3.139375A | G | 0.4643 | 3842 |
| 6 chrB3.139428G | A | 0.4858 | 4000 |
| 6 chrB3.139587A | G | 0.1712 | 4008 |
| 6 chrB3.139641G | A | 0.3645 | 3926 |
| 6 chrB3.139670A | G | 0.09494 | 3992 |
| 6 chrB3.139694G | A | 0.361 | 3992 |

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| 6 chrB3.139738A | G | 0.07939 | 3930 |
| 6 chrB3.139786A | G | 0.2465 | 3834 |
| 6 chrB3.139851A | G | 0.2939 | 3984 |
| 6 chrB3.139891A | G | 0.08458 | 4008 |
| 6 chrB3.139932A | C | 0.3546 | 3962 |
| 6 chrB3.139979G | A | 0.4977 | 3986 |
| 6 chrB3.140046G | A | 0.2858 | 3982 |
| 6 chrB3.140094A | G | 0.315 | 3990 |
| 6 chrB3.140127G | A | 0.1236 | 4004 |
| 6 chrB3.140204C | A | 0.1848 | 4004 |
| 6 chrB3.140245A | C | 0.1358 | 3998 |
| 6 chrB3.140313G | A | 0.1256 | 3990 |
| 6 chrB3.140351A | G | 0.0409 | 3912 |
| 6 chrB3.140392G | A | 0.3656 | 4002 |
| 6 chrB3.140491G | A | 0.1488 | 3998 |
| 6 chrB3.140519A | G | 0.1781 | 4008 |
| 6 chrB3.140546A | G | 0.09815 | 4004 |
| 6 chrB3.140580A | G | 0.4819 | 3984 |
| 6 chrB3.140625A | G | 0.02575 | 4000 |
| 6 chrB3.140639A | G | 0.1855 | 3984 |
| 6 chrB3.140696G | A | 0.2614 | 4006 |
| 6 chrB3.140724A | G | 0.1652 | 4008 |
| 6 chrB3.140753G | A | 0.2837 | 3782 |
| 6 chrB3.140782C | A | 0.06375 | 3890 |
| 6 chrB3.140819G | A | 0.1405 | 4008 |
| 6 chrB3.140823A | G | 0.05866 | 4006 |
| 6 chrB3.140889A | G | 0.05847 | 4002 |
| 6 chrB3.140924G | A | 0.05903 | 3998 |
| 6 chrB3.140957C | A | 0.3469 | 3972 |
| 6 chrB3.141019A | G | 0.03854 | 3996 |
| 6 chrB3.141035 | 0 A | 0 | 4006 |
| 6 chrB3.141075A | G | 0.3395 | 4000 |
| 6 chrB3.141101A | G | 0.04577 | 3998 |
| 6 chrB3.141125A | G | 0.2199 | 3938 |
| 6 chrB3.141170G | A | 0.06562 | 4008 |
| 6 chrB3.141202A | G | 0.152 | 3988 |
| 6 chrB3.141283A | G | 0.1738 | 3982 |
| 6 chrB3.141314C | A | 0.1847 | 4000 |
| 6 chrB3.141346G | A | 0.03454 | 3908 |
| 6 chrB3.141391A | G | 0.2003 | 4008 |
| 6 chrB3.141424C | A | 0.1613 | 3980 |

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| 6 chrB3.141467C | A | 0.4018 | 4004 |
| 6 chrB3.141531A | G | 0.1662 | 4008 |
| 6 chrB3.141585A | G | 0.4123 | 3956 |
| 6 chrUn.682977A | G | 0.4041 | 3992 |
| 6 chrB3.141622C | A | 0.4832 | 3682 |
| 6 chrB3.141668A | G | 0.4166 | 4004 |
| 6 chrB3.141701G | A | 0.1487 | 3980 |
| 6 chrB3.141746A | G | 0.306 | 3696 |
| 6 chrB3.141790G | A | 0.4319 | 3982 |
| 6 chrB3.141857A | G | 0.0499 | 3908 |
| 6 chrB3.141942G | A | 0.4122 | 3986 |
| 6 chrB3.141963A | G | 0.002796 | 3934 |
| 6 chrB3.141973G | A | 0.4861 | 3968 |
| 6 chrB3.142019G | A | 0.3284 | 4004 |
| 6 chrB3.142057G | A | 0.4035 | 3998 |
| 6 chrB3.142082A | G | 0.08512 | 4006 |
| 6 chrB3.142112A | G | 0.03448 | 4002 |
| 6 chrB3.142151A | G | 0.03595 | 4006 |
| 6 chrB3.142218A | G | 0.1269 | 3902 |
| 6 chrE2.738965A | G | 0.3346 | 3966 |
| 6 chrB3.142273G | A | 0.4099 | 3986 |
| 6 chrB3.142289G | A | 0.3495 | 3966 |
| 6 chrB3.142387C | A | 0.1317 | 4008 |
| 6 chrB3.142423G | A | 0.3754 | 4004 |
| 6 chrB3.142454A | G | 0.2722 | 3964 |
| 6 chrB3.142483G | A | 0.07639 | 4006 |
| 6 chrB3.142527A | G | 0.4132 | 3996 |
| 6 chrB3.142630A | G | 0.06013 | 4008 |
| 6 chrB3.142675G | A | 0.1202 | 4000 |
| 6 chrB3.142724G | A | 0.1906 | 3934 |
| 6 chrB3.142806G | A | 0.2797 | 4004 |
| 6 chrB3.142833A | G | 0.462 | 3996 |
| 6 chrB3.142894G | A | 0.3595 | 3986 |
| 6 chrB3.142961A | C | 0.3604 | 3926 |
| 6 chrUn.950259A | G | 0.2531 | 3998 |
| 6 chrB3.143091A | C | 0.04968 | 3724 |
| 6 chrB3.143131C | A | 0.331 | 3876 |
| 6 chrB3.143171A | G | 0.3796 | 4002 |
| 6 chrB3.143210G | A | 0.1927 | 4000 |
| 6 chrB3.143243A | G | 0.1886 | 4008 |
| 6 chrB3.143283A | G | 0.2321 | 3998 |

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| 6 chrB3.143327G | A | 0.3114 | 3966 |
| 6 chrB3.143357A | G | 0.2415 | 3962 |
| 6 chrB3.143399C | A | 0.1093 | 3970 |
| 6 chrB3.143425G | A | 0.4915 | 3998 |
| 6 chrB3.143483A | G | 0.1464 | 3968 |
| 6 chrB3.143545A | G | 0.077 | 3974 |
| 6 chrB3.143583A | G | 0.3641 | 3996 |
| 6 chrB3.143644G | A | 0.4347 | 3996 |
| 6 chrB3.143681A | G | 0.2897 | 3990 |
| 6 chrB3.143730A | C | 0.2483 | 4008 |
| 6 chrB3.143770A | G | 0.01997 | 4006 |
| 6 chrB3.143805C | A | 0.1665 | 3874 |
| 6 chrB3.143855G | A | 0.448 | 3942 |
| 6 chrB3.143972A | G | 0.3324 | 3998 |
| 6 chrB3.143980 | 0 G | 0 | 4010 |
| 6 chrB3.144024A | G | 0.09002 | 4010 |
| 6 chrB3.144080A | G | 0.1604 | 3996 |
| 6 chrB3.144145C | A | 0.1571 | 4004 |
| 6 chrB3.144174A | G | 0.2562 | 4004 |
| 6 chrB3.144181 | 0 G | 0 | 4010 |
| 6 chrB3.144232C | A | 0.141 | 3958 |
| 6 chrUn.190151A | G | 0.1437 | 3954 |
| 6 chrB3.144336G | A | 0.1764 | 3906 |
| 6 chrB3.144367A | G | 0.4222 | 4008 |
| 6 chrB3.144441A | G | 0.2682 | 4000 |
| 6 chrB3.144479A | G | 0.3996 | 3994 |
| 6 chrB3.144511G | A | 0.328 | 3866 |
| 6 chrB3.144601G | A | 0.135 | 4006 |
| 6 chrB3.144638A | G | 0.1474 | 4004 |
| 6 chrB3.144682A | G | 0.1101 | 3998 |
| 6 chrB3.144709G | A | 0.1367 | 3980 |
| 6 chrB3.144734G | A | 0.2124 | 4006 |
| 6 chrB3.144760A | G | 0.3475 | 3988 |
| 6 chrB3.144793G | A | 0.4437 | 3976 |
| 6 chrB3.144867A | G | 0.2753 | 3978 |
| 6 chrB3.144902G | A | 0.05666 | 3812 |
| 6 chrB3.144946C | A | 0.1831 | 3954 |
| 6 chrB3.144998G | A | 0.1552 | 4002 |
| 6 chrB3.145056G | A | 0.06722 | 4002 |
| 6 chrB3.145090G | A | 0.05472 | 3984 |
| 6 chrB3.145148G | A | 0.216 | 3986 |

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| 6 chrB3.145223A | G | 0.1712 | 4006 |
| 6 chrB3.145252A | G | 0.2555 | 4004 |
| 6 chrB3.145298G | A | 0.07611 | 3994 |
| 6 chrB3.145356G | A | 0.04511 | 3680 |
| 6 chrB3.145393A | G | 0.1158 | 3998 |
| 6 chrB3.145448A | G | 0.1787 | 4000 |
| 6 chrB3.145485C | A | 0.1213 | 4008 |
| 6 chrB3.145545A | G | 0.1293 | 4006 |
| 6 chrB3.145580A | G | 0.2275 | 4008 |
| 6 chrB3.145656G | A | 0.2205 | 3972 |
| 6 chrB3.145720A | G | 0.0825 | 4000 |
| 6 chrB3.145748A | G | 0.4738 | 4006 |
| 6 chrB3.145822A | G | 0.25 | 3936 |
| 6 chrB3.145890G | A | 0.02074 | 4002 |
| 6 chrB3.145943A | C | 0.1901 | 4004 |
| 6 chrB3.145982A | G | 0.2753 | 3996 |
| 6 chrB3.146008A | C | 0.08716 | 4004 |
| 6 chrB3.146083C | A | 0.4697 | 3996 |
| 6 chrB3.146130G | A | 0.2095 | 3996 |
| 6 chrB3.146154A | G | 0.0507 | 4004 |
| 6 chrB3.146213A | G | 0.1952 | 3976 |
| 6 chrUn.265619G | A | 0.291 | 4010 |
| 6 chrUn.265623 | 0 G | 0 | 4010 |
| 6 chrB3.146257 | 0 A | 0 | 4010 |
| 6 chrB3.146303G | A | 0.4988 | 4000 |
| 6 chrB3.146346A | G | 0.1427 | 4008 |
| 6 chrB3.146370A | G | 0.1305 | 3984 |
| 6 chrB3.146448A | G | 0.004832 | 3932 |
| 6 chrB3.146488G | A | 0.4386 | 3990 |
| 6 chrB3.146495A | G | 0.2812 | 3980 |
| 6 chrB3.146556A | G | 0.2605 | 3992 |
| 6 chrB3.146598A | G | 0.03944 | 4006 |
| 6 chrB3.146667A | C | 0.00529 | 3970 |
| 6 chrB3.146731G | A | 0.03347 | 4004 |
| 6 chrB3.146762A | G | 0.4474 | 3970 |
| 6 chrB3.146802A | G | 0.1178 | 4008 |
| 6 chrB3.146842A | G | 0.07879 | 3922 |
| 6 chrB3.146868A | G | 0.402 | 3988 |
| 6 chrB3.146926C | A | 0.4698 | 3804 |
| 6 chrB3.146970A | G | 0.05249 | 3982 |
| 6 chrB3.147026G | A | 0.04716 | 4008 |

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| 6 chrB3.147072G | A | 0.3137 | 4000 |
| 6 chrUn.74766A | G | 0.3006 | 4002 |
| 6 chrB3.147126A | G | 0.4471 | 3816 |
| 6 chrUn.50815A | G | 0.3956 | 3890 |
| 6 chrB3.147176A | G | 0.1054 | 3994 |
| 6 chrB3.147222G | A | 0.3211 | 3986 |
| 6 chrB3.147246A | G | 0.4227 | 3986 |
| 6 chrB3.147271G | A | 0.3736 | 4004 |
| 6 chrB3.147321G | A | 0.08163 | 4006 |
| 6 chrB3.147345G | A | 0.4235 | 4000 |
| 6 chrB3.147373A | G | 0.219 | 3946 |
| 6 chrB3.147441A | G | 0.482 | 3996 |
| 6 chrB3.147620A | G | 0.3337 | 3974 |
| 6 chrUn.26454A | C | 0.3273 | 3972 |
| 6 chrB3.147736A | G | 0.06603 | 3968 |
| 6 chrB3.147792A | G | 0.08446 | 3990 |
| 6 chrB3.147839G | A | 0.03197 | 4004 |
| 6 chrB3.147913G | A | 0.1614 | 4008 |
| 6 chrB3.147943C | A | 0.3153 | 3984 |
| 6 chrB3.147981A | G | 0.03794 | 4006 |
| 6 chrB3.147984G | A | 0.3711 | 3932 |
| 6 chrB3.148036A | G | 0.05961 | 3976 |
| 6 chrB3.148100A | C | 0.06512 | 4008 |
| 6 chrB3.148152G | A | 0.4098 | 3982 |
| 6 chrB3.148226A | G | 0.4649 | 3988 |
| 6 chrB3.148317A | G | 0.002256 | 3990 |
| 6 chrB3.148368G | A | 0.1981 | 3968 |
| 6 chrB3.148397G | A | 0.2535 | 3984 |
| 6 chrB3.148449A | G | 0.3287 | 3994 |
| 6 chrB3.148498A | G | 0.2595 | 3984 |
| 6 chrB3.148539A | G | 0.2877 | 4004 |
| 6 chrB3.148567A | G | 0.01632 | 3738 |
| 6 chrB3.148598G | A | 0.02147 | 4006 |
| 6 chrB3.148622A | G | 0.2222 | 3978 |
| 6 chrB3.148685G | A | 0.1042 | 3684 |
| 6 chrB3.148763A | G | 0.07307 | 3996 |
| 6 chrB3.148836C | A | 0.3321 | 3978 |
| 6 chrB3.148876A | C | 0.1626 | 3998 |
| 6 chrB3.149059G | A | 0.04586 | 3838 |
| 6 chrB3.149112G | A | 0.4118 | 4002 |
| 6 chrB3.149143A | G | 0.4315 | 4000 |

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| 6 chrB3.149181G | A | 0.4612 | 3998 |
| 6 chrB3.149208G | A | 0.07025 | 4000 |
| 6 chrB3.149243G | A | 0.2581 | 3994 |
| 6 chrB3.149307A | G | 0.3984 | 4004 |
| 6 chrB3.149340A | G | 0.3398 | 4008 |
| 6 chrB3.149437A | C | 0.3446 | 3802 |
| 6 chrB3.149518C | A | 0.04963 | 4010 |
| 6 chrB3.149557G | A | 0.1436 | 3962 |
| 6 chrB3.149584A | C | 0.1437 | 4002 |
| 6 chrB3.149614A | G | 0.08152 | 3852 |
| 6 chrB3.149655A | G | 0.1332 | 3994 |
| 6 chrB3.149720A | G | 0.3778 | 4000 |
| 6 chrB3.149729A | G | 0.07664 | 4006 |
| 6 chrB3.149784C | A | 0.238 | 3992 |
| 6 chrB3.149825A | G | 0.05991 | 4006 |
| 6 chrB3.149868G | A | 0.2953 | 3996 |
| 6 chrB3.149948G | A | 0.2897 | 4004 |
| 6 chrB3.149986A | C | 0.4863 | 4002 |
| 6 chrB3.150053A | C | 0.1199 | 4002 |
| 6 chrB3.150090G | A | 0.3407 | 4000 |
| 6 chrB3.150130G | A | 0.3094 | 4008 |
| 6 chrB3.150165A | G | 0.1725 | 3988 |
| 6 chrB3.150199A | G | 0.2381 | 3982 |
| 6 chrB3.150236 | 0 G | 0 | 4008 |
| 6 chrB3.150272A | G | 0.3951 | 3986 |
| 6 chrB3.150315G | A | 0.1207 | 3978 |
| 6 chrB3.150345A | G | 0.4445 | 3998 |
| 6 chrB3.150541C | A | 0.3003 | 4002 |
| 6 chrB3.150587A | G | 0.04973 | 4002 |
| 6 chrB3.150626C | A | 0.3596 | 4002 |
| 6 chrB3.150678A | G | 0.347 | 4006 |
| 6 chrB3.150702G | A | 0.3572 | 4000 |
| 6 chrB3.150742G | A | 0.3725 | 4008 |
| 6 chrB3.150783A | G | 0.3166 | 3976 |
| 6 chrB3.150815G | A | 0.4107 | 3976 |
| 6 chrB3.150887A | G | 0.1002 | 4000 |
| 6 chrB3.150929C | A | 0.001248 | 4006 |
| 6 chrB3.150955A | G | 0.04577 | 3998 |
| 6 chrB3.151007G | A | 0.3178 | 3952 |
| 6 chrB3.151044G | A | 0.2249 | 3992 |
| 6 chrB3.151106A | G | 0.1108 | 4000 |

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| 6 chrB3.151161A | G | 0.1882 | 4002 |
| 6 chrB3.151203G | A | 0.3294 | 3998 |
| 6 chrB3.151276A | G | 0.3324 | 4004 |
| 6 chrB3.151340G | A | 0.2291 | 4002 |
| 6 chrB3.151391A | G | 0.1128 | 4006 |
| 6 chrB3.151426C | A | 0.423 | 3924 |
| 6 chrB3.151495G | A | 0.1623 | 4004 |
| 6 chrB3.151522G | A | 0.03679 | 3968 |
| 6 chrB3.151551G | A | 0.3652 | 3960 |
| 6 chrB3.151593G | A | 0.239 | 3996 |
| 6 chrB3.151619G | A | 0.43 | 3928 |
| 6 chrB3.151655G | A | 0.1429 | 4002 |
| 6 chrB3.151703G | A | 0.08213 | 4006 |
| 6 chrB3.151728A | G | 0.1512 | 3994 |
| 6 chrB3.151769A | G | 0.3849 | 4006 |
| 6 chrB3.151797G | A | 0.319 | 4000 |
| 6 chrB3.151818A | G | 0.3501 | 3970 |
| 6 chrB3.151821A | G | 0.3257 | 3992 |
| 6 chrB3.151878A | G | 0.3882 | 4000 |
| 6 chrB3.151992G | A | 0.4242 | 3996 |
| 6 chrB3.152045A | C | 0.2952 | 3980 |
| 6 chrB3.152091A | G | 0.4567 | 3996 |
| 6 chrB3.152123G | A | 0.362 | 4006 |
| 6 chrB3.152148G | A | 0.3037 | 3968 |
| 6 chrB3.152181A | G | 0.1302 | 3926 |
| 6 chrB3.152241A | G | 0.3815 | 3966 |
| 6 chrB3.152277A | G | 0.0937 | 4002 |
| 6 chrB3.152306G | A | 0.07537 | 3808 |
| 6 chrB3.152367C | A | 0.3258 | 4008 |
| 6 chrB3.152420A | C | 0.3871 | 4004 |
| 6 chrB3.152452A | C | 0.3674 | 3998 |
| 6 chrB3.152496A | C | 0.182 | 3994 |
| 6 chrB3.152529A | G | 0.4517 | 4000 |
| 6 chrB3.152585A | G | 0.03022 | 4004 |
| 6 chrB3.152617C | A | 0.1505 | 3788 |
| 6 chrB3.152650G | A | 0.03693 | 4008 |
| 6 chrB3.152698G | A | 0.4295 | 3998 |
| 6 chrB3.152723A | C | 0.4211 | 3994 |
| 6 chrB3.152761A | G | 0.2519 | 4006 |
| 6 chrB3.152810A | G | 0.3192 | 4000 |
| 6 chrB3.152886G | A | 0.4897 | 3998 |

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| 6 chrB3.152911A | G | 0.07082 | 4010 |
| 6 chrB3.152949G | A | 0.1356 | 3864 |
| 6 chrB3.152974A | G | 0.2751 | 3998 |
| 6 chrB3.153001A | G | 0.1116 | 3996 |
| 6 chrB3.153028G | A | 0.3537 | 3992 |
| 6 chrB3.153060A | C | 0.1627 | 3996 |
| 6 chrB3.153126C | A | 0.08862 | 4006 |
| 6 chrB3.153157A | G | 0.08712 | 4006 |
| 6 chrB3.153189G | A | 0.2131 | 3998 |
| 6 chrB3.153199G | A | 0.0002495 | 4008 |
| 6 chrB3.153242A | G | 0.06572 | 4002 |
| 6 chrB3.153284A | G | 0.1823 | 4000 |
| 6 chrUn8.81829A | G | 0.4982 | 3980 |
| 6 chrUn8.84601G | A | 0.2504 | 3938 |
| 6 chrB3.153411A | G | 0.01372 | 4008 |
| 6 chrUn8.98254G | A | 0.4709 | 3982 |
| 6 chrUn8.10301C | A | 0.3721 | 4004 |
| 6 chrUn8.10681G | A | 0.006801 | 3970 |
| 6 chrUn8.10981A | G | 0.2285 | 4004 |
| 6 chrUn8.11381G | A | 0.1124 | 3996 |
| 6 chrUn8.12081G | A | 0.4785 | 4000 |
| 6 chrUn8.12464A | G | 0.3484 | 3984 |
| 6 chrUn8.13050A | G | 0.1154 | 4004 |
| 6 chrUn8.13861G | A | 0.0384 | 4010 |
| 6 chrUn8.14111G | A | 0.4794 | 3732 |
| 6 chrUn8.14401A | C | 0.003507 | 3992 |
| 6 chrUn8.14631A | G | 0.1928 | 3998 |
| 6 chrUn8.15411A | G | 0.09273 | 3990 |
| 6 chrUn8.15921G | A | 0.4692 | 3998 |
| 6 chrUn8.16581A | G | 0.02051 | 3998 |
| 6 chrUn8.16954A | G | 0.1822 | 4006 |
| 6 chrUn8.17191A | G | 0.4104 | 3952 |
| 6 chrUn8.17871A | G | 0.4832 | 3996 |
| 6 chrUn8.18161A | C | 0.0165 | 4000 |
| 6 chrUn8.18621A | G | 0.01332 | 3978 |
| 6 chrUn8.19030A | G | 0.467 | 3998 |
| 6 chrUn8.19461A | C | 0.4757 | 3990 |
| 6 chrUn8.19711A | G | 0.06064 | 3974 |
| 6 chrUn8.20014G | A | 0.3769 | 3990 |
| 6 chrUn8.20651A | G | 0.1355 | 4008 |
| 6 chrUn8.21351A | G | 0.0986 | 3996 |

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| 6 chrUn8.2185(G | A | 0.1397 | 3972 |
| 6 chrUn8.2228(A | G | 0.09795 | 4002 |
| 6 chrUn8.2261(A | G | 0.3003 | 4000 |
| 6 chrUn8.2308(G | A | 0.03704 | 3996 |
| 6 chrUn8.2355(A | G | 0.2175 | 4010 |
| 6 chrUn8.2415(G | A | 0.01447 | 4008 |
| 6 chrB3.15349(C | A | 0.3638 | 4008 |
| 6 chrUn8.2476(A | G | 0.0619 | 3990 |
| 6 chrUn8.2504(G | A | 0.3854 | 3972 |
| 6 chrB3.15358(A | G | 0.4275 | 3930 |
| 6 chrUn8.2572(A | G | 0.1303 | 3990 |
| 6 chrB3.15366(A | G | 0.3579 | 3984 |
| 6 chrB3.15368(A | G | 0.4935 | 4008 |
| 6 chrB3.15373(G | A | 0.02925 | 4000 |
| 6 chrB3.15378(G | A | 0.03298 | 4002 |
| 6 chrB3.15383(C | A | 0.03838 | 3778 |
| 6 chrB3.15394(A | G | 0.4791 | 3974 |
| 6 chrB3.15405(A | G | 0.1523 | 4004 |
| 6 chrUn.67613(G | A | 0.4323 | 3976 |
| 6 chrB3.15409(C | C | 0.3017 | 3994 |
| 6 chrB3.15415(A | G | 0.2479 | 3982 |
| 6 chrB3.15425(A | G | 0.09581 | 4008 |
| 6 chrB3.15429(G | A | 0.1441 | 3948 |
| 6 chrB3.15434(G | A | 0.2074 | 4006 |
| 6 chrB3.15438(A | G | 0.04365 | 3986 |
| 6 chrB3.15443(C | A | 0.4667 | 4000 |
| 6 chrB3.15449(C | G | 0.2174 | 3998 |
| 6 chrB3.15452(C | A | 0.0661 | 3994 |
| 6 chrB3.15455(A | G | 0.07344 | 3908 |
| 6 chrB3.15460(C | A | 0.2935 | 3976 |
| 6 chrB3.15462(G | A | 0.4326 | 3976 |
| 6 chrB3.15465(G | A | 0.2562 | 3880 |
| 6 chrB3.15471(G | A | 0.4806 | 3964 |
| 6 chrB3.15475(A | G | 0.06306 | 3996 |
| 6 chrB3.15481(G | A | 0.3479 | 4010 |
| 6 chrB3.15485(A | G | 0.09414 | 3962 |
| 6 chrB3.15492(G | A | 0.4249 | 3996 |
| 6 chrB3.15496(A | G | 0.4916 | 3910 |
| 6 chrB3.15501(G | A | 0.0376 | 3830 |
| 6 chrB3.15504(A | G | 0.1906 | 3992 |
| 6 chrB3.15512(A | G | 0.1657 | 4000 |

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| 6 chrB3.155212A | G | 0.266 | 4004 |
| 6 chrB3.155291G | A | 0.3165 | 3994 |
| 6 chrB3.155322A | G | 0.03723 | 3948 |
| 6 chrB3.155352G | A | 0.3663 | 4002 |
| 6 chrB3.155429A | G | 0.0985 | 3990 |
| 6 chrB3.155464A | C | 0.2874 | 4002 |
| 6 chrB3.155498A | G | 0.05639 | 4008 |
| 6 chrB3.155528A | G | 0.1217 | 3992 |
| 6 chrA3.136107A | G | 0.1902 | 4006 |
| 6 chrB3.155568A | G | 0.4519 | 3990 |
| 6 chrB3.155592A | G | 0.02124 | 3860 |
| 6 chrB3.155683A | G | 0.06049 | 3984 |
| 6 chrB3.155719A | C | 0.1082 | 3880 |
| 6 chrB3.155743A | G | 0.3237 | 3988 |
| 6 chrB3.155792A | G | 0.2581 | 3874 |
| 6 chrB3.155793G | A | 0.05263 | 3990 |
| 6 chrB3.155819A | G | 0.2961 | 3992 |
| 6 chrB3.155849A | G | 0.23 | 3996 |
| 6 chrB3.155881A | G | 0.4975 | 3994 |
| 6 chrB3.155988G | A | 0.1823 | 3988 |
| 6 chrB3.156054G | A | 0.09394 | 3992 |
| 6 chrC1.198626A | G | 0.3986 | 3994 |
| 6 chrB3.156087A | G | 0.409 | 4002 |
| 6 chrB3.156116C | A | 0.04425 | 4000 |
| 6 chrB3.156149G | A | 0.4405 | 3986 |
| 6 chrB3.156232A | G | 0.23 | 3974 |
| 6 chrB3.156275G | A | 0.0843 | 3974 |
| 6 chrB3.156416A | G | 0.1415 | 4000 |
| 6 chrB3.156486A | G | 0.3259 | 3964 |
| 6 chrB3.156544G | A | 0.3798 | 3778 |
| 6 chrB3.156586G | A | 0.3976 | 4002 |
| 6 chrUn34.1061A | G | 0.1994 | 4002 |
| 6 chrB3.156657A | G | 0.3767 | 4000 |
| 6 chrB3.156724A | C | 0.05963 | 4008 |
| 6 chrB3.156753A | G | 0.2704 | 3986 |
| 6 chrB3.156840G | A | 0.47 | 3996 |
| 6 chrB3.156945A | G | 0.2846 | 4006 |
| 6 chrB3.156969A | G | 0.4133 | 4002 |
| 6 chrB3.157014A | G | 0.1252 | 3850 |
| 6 chrB3.157040A | G | 0.3633 | 4002 |
| 6 chrB3.157073A | G | 0.1334 | 4002 |

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| 6 chrB3.157135A | G | 0.3512 | 3992 |
| 6 chrB3.157178A | G | 0.1276 | 4006 |
| 6 chrB3.157355A | G | 0.1246 | 3966 |
| 6 chrB3.157381A | G | 0.1733 | 3936 |
| 6 chrB3.157412G | A | 0.1652 | 4002 |
| 6 chrB3.157492A | G | 0.4253 | 4000 |
| 6 chrB3.157536G | A | 0.1408 | 3976 |
| 6 chrB3.157576C | A | 0.1351 | 3722 |
| 6 chrB3.157635A | G | 0.2476 | 4006 |
| 6 chrB3.157672G | A | 0.1641 | 3998 |
| 6 chrB3.157699A | G | 0.004569 | 3940 |
| 6 chrB3.157734A | G | 0.1608 | 3998 |
| 6 chrB3.157766A | G | 0.411 | 3988 |
| 6 chrB3.157785C | G | 0.2094 | 3830 |
| 6 chrB3.157842A | G | 0.03188 | 3984 |
| 6 chrB3.157883A | C | 0.3095 | 3994 |
| 6 chrB3.158036A | G | 0.2003 | 4000 |
| 6 chrB3.158012A | C | 0.1172 | 3992 |
| 6 chrB3.158138A | G | 0.247 | 4004 |
| 6 chrB3.158171A | G | 0.4902 | 3994 |
| 6 chrB3.158276A | G | 0.2531 | 3994 |
| 6 chrB3.158328C | A | 0.1516 | 3938 |
| 6 chrB3.158371A | G | 0.2455 | 3992 |
| 6 chrB3.158404G | A | 0.2885 | 4004 |
| 6 chrB3.158439C | A | 0.09642 | 3972 |
| 6 chrB3.158504A | C | 0.1063 | 3990 |
| 6 chrB3.158542A | G | 0.08392 | 4004 |
| 6 chrB3.158596A | C | 0.3742 | 3974 |
| 6 chrB3.158624A | G | 0.1945 | 3970 |
| 6 chrB3.158772A | G | 0.4382 | 3804 |
| 6 chrB3.158781 | 0 A | 0 | 3996 |
| 6 chrB3.158815G | A | 0.1398 | 3926 |
| 6 chrB3.158839G | A | 0.3651 | 3988 |
| 6 chrB3.158877A | G | 0.002996 | 4006 |
| 6 chrB3.158922A | G | 0.1987 | 3996 |
| 6 chrB3.158923 | 0 G | 0 | 4010 |
| 6 chrB3.158947A | G | 0.1439 | 3974 |
| 6 chrB3.159045G | A | 0.4036 | 3992 |
| 6 chrB3.159105A | G | 0.03796 | 4004 |
| 6 chrB3.159296A | G | 0.01494 | 3950 |
| 6 chrB3.159342A | G | 0.4914 | 3940 |

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| 6 chrB3.15936 | A | G | 0.3227 | 4004 |
| 6 chrB3.15940 | G | A | 0.005988 | 4008 |
| 6 chrB3.15943 | A | C | 0.07581 | 4010 |
| 6 chrB3.15953 | A | G | 0.08184 | 4008 |
| 6 chrB3.15953 | A | G | 0.1177 | 4010 |
| 6 chrB3.15957 | A | G | 0.4822 | 3996 |
| 6 chrB3.15961 | A | A | 0.4243 | 4000 |
| 6 chrB3.15964 | C | A | 0.3259 | 3918 |
| 6 chrB3.15970 | A | A | 0.1148 | 3998 |
| 6 chrB3.15980 | A | A | 0.1945 | 3994 |
| 6 chrB3.15983 | A | G | 0.3003 | 4002 |
| 6 chrB3.15988 | A | G | 0.2026 | 3994 |
| 6 chrB3.15993 | A | G | 0.1075 | 3952 |
| 6 chrB3.16000 | C | A | 0.09517 | 3972 |
| 6 chrB3.16005 | A | G | 0.06536 | 3978 |
| 6 chrB3.16008 | A | A | 0.3348 | 4002 |
| 6 chrB3.16010 | A | A | 0.4635 | 4002 |
| 6 chrB3.16015 | A | G | 0.2283 | 4004 |
| 6 chrB3.16019 | A | A | 0.464 | 4000 |
| 6 chrB3.16022 | C | A | 0.3815 | 4000 |
| 6 chrB3.16026 | A | G | 0.1283 | 3984 |
| 6 chrB3.16032 | C | A | 0.4637 | 3880 |
| 6 chrB3.16037 | A | A | 0.2563 | 3984 |
| 6 chrB3.16041 | A | G | 0.2718 | 3992 |
| 6 chrB3.16045 | A | G | 0.1591 | 4004 |
| 6 chrB3.16049 | A | G | 0.3194 | 4004 |
| 6 chrB3.16055 | A | G | 0.09525 | 4000 |
| 6 chrB3.16058 | A | A | 0.1472 | 3994 |
| 6 chrB3.16063 | A | G | 0.2137 | 3894 |
| 6 chrB3.16074 | A | G | 0.03541 | 4010 |
| 6 chrB3.16078 | A | G | 0.1861 | 3992 |
| 6 chrB3.16083 | A | G | 0.3212 | 3892 |
| 6 chrB3.16087 | C | A | 0.3045 | 3728 |
| 6 chrB3.16111 | C | A | 0.2403 | 4004 |
| 6 chrB3.16133 | A | G | 0.1525 | 3986 |
| 6 chrB3.16136 | A | G | 0.008501 | 3882 |
| 6 chrB3.16143 | C | G | 0.4525 | 4004 |
| 6 chrB3.16160 | A | G | 0.3417 | 4004 |
| 6 chrB3.16175 | A | C | 0.2087 | 3996 |
| 6 chrB3.16178 | C | A | 0.1837 | 4006 |
| 6 chrB3.16192 | A | G | 0.2426 | 4002 |

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| 6 chrB3.162003A | G | 0.07387 | 3980 |
| 6 chrB3.162030G | A | 0.4134 | 3982 |
| 6 chrC2.142847A | C | 0.2642 | 3974 |
| 6 chrUn.514121C | A | 0.1821 | 3894 |
| 6 chrB3.162336A | G | 0.4351 | 3912 |
| 6 chrB3.162506G | A | 0.02107 | 3844 |
| 6 chrB3.162616A | G | 0.1217 | 4002 |
| 6 chrB3.162617A | G | 0.3867 | 4006 |
| 6 chrB3.162657G | A | 0.08659 | 3996 |
| 6 chrB3.162745A | G | 0.2818 | 3988 |
| 6 chrB3.162782A | G | 0.491 | 3978 |
| 6 chrB3.162814A | G | 0.07316 | 3964 |
| 6 chrB3.162844A | G | 0.2079 | 3988 |
| 6 chrB3.162901A | G | 0.4263 | 4002 |
| 6 chrB3.162942A | C | 0.1208 | 4008 |
| 6 chrB3.162983G | A | 0.05899 | 3984 |
| 6 chrB3.163055A | G | 0.1347 | 3972 |
| 6 chrB3.163107A | C | 0.1181 | 3878 |
| 6 chrB3.163144G | A | 0.282 | 4004 |
| 6 chrB3.163202G | A | 0.2754 | 3944 |
| 6 chrB3.163248C | A | 0.2809 | 3998 |
| 6 chrB3.163535A | G | 0.3739 | 3990 |
| 6 chrB3.163573A | G | 0.4294 | 3980 |
| 6 chrUn.400169G | A | 0.3343 | 3850 |
| 6 chrB3.163735A | G | 0.3692 | 3982 |
| 6 chrB3.163972A | G | 0.3392 | 4004 |
| 6 chrB3.164089A | G | 0.3876 | 3996 |
| 6 chrB3.164178G | A | 0.2606 | 3998 |
| 6 chrB3.164214G | A | 0.2502 | 4004 |
| 6 chrB3.164288A | G | 0.2925 | 3980 |
| 6 chrB3.164319G | A | 0.2988 | 3996 |
| 6 chrB3.164344G | A | 0.4868 | 4002 |
| 6 chrB3.164373G | A | 0.1554 | 3982 |
| 6 chrB3.164414G | A | 0.3773 | 3978 |
| 6 chrB3.164444A | G | 0.1263 | 3990 |
| 6 chrB3.164494A | G | 0.4528 | 4004 |
| 6 chrB3.164543A | G | 0.4025 | 3950 |
| 6 chrB3.162873C | A | 0.4023 | 3940 |
| 6 chrB3.163080A | G | 0.3125 | 3920 |
| 6 chrB3.163322A | G | 0.3509 | 3998 |
| 6 chrB3.163391A | C | 0.1987 | 4002 |

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| 6 chrB3.163488G | A | 0.0252 | 3928 |
| 6 chrB3.164835G | A | 0.385 | 4010 |
| 6 chrB3.163604C | A | 0.2755 | 3982 |
| 6 chrB3.163648A | G | 0.1565 | 4000 |
| 6 chrB3.163683A | G | 0.02671 | 3968 |
| 6 chrB3.163722A | C | 0.1053 | 3922 |
| 6 chrB3.163769G | A | 0.3088 | 3990 |
| 6 chrB3.163802A | G | 0.2351 | 3998 |
| 6 chrB3.163868A | G | 0.2242 | 3966 |
| 6 chrB3.163905G | A | 0.04468 | 4006 |
| 6 chrB3.163983A | C | 0.1674 | 4002 |
| 6 chrB3.164040G | A | 0.292 | 4000 |
| 6 chrB3.165163A | G | 0.3022 | 3994 |
| 6 chrB3.165197A | G | 0.1411 | 3962 |
| 6 chrB3.165244G | A | 0.1894 | 3970 |
| 6 chrB3.165297A | G | 0.3896 | 3868 |
| 6 chrB3.165378G | A | 0.2005 | 3946 |
| 6 chrB3.165399A | G | 0.1309 | 4002 |
| 6 chrUn.327670A | G | 0.4885 | 3998 |
| 6 chrB3.165443G | A | 0.1947 | 4006 |
| 6 chrB3.165507A | C | 0.4623 | 3984 |
| 6 chrB3.165576G | A | 0.1769 | 3990 |
| 6 chrB3.165610G | A | 0.1427 | 4002 |
| 6 chrB3.165639A | G | 0.173 | 4000 |
| 6 chrB3.165706G | A | 0.03914 | 3986 |
| 6 chrB3.165746A | G | 0.1442 | 3994 |
| 6 chrB3.165771A | G | 0.004527 | 3976 |
| 6 chrB3.165806G | A | 0.1743 | 3998 |
| 6 chrB3.165832C | A | 0.1627 | 4002 |
| 6 chrB3.165860A | C | 0.1604 | 3972 |
| 6 chrB3.165920A | G | 0.1618 | 3918 |
| 6 chrB3.165945A | G | 0.1087 | 3976 |
| 6 chrB3.165971A | G | 0.08639 | 3982 |
| 6 chrB3.166013G | A | 0.1182 | 4002 |
| 6 chrB3.166041C | A | 0.207 | 4000 |
| 6 chrB3.166067G | A | 0.05706 | 3996 |
| 6 chrB3.166092C | A | 0.1655 | 3880 |
| 6 chrB3.166129A | G | 0.02944 | 4008 |
| 6 chrB3.166208G | A | 0.457 | 4000 |
| 6 chrB3.166233A | G | 0.1788 | 4010 |
| 6 chrB3.166274A | G | 0.0636 | 3962 |

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| 6 chrB3.166332G | A | 0.0522 | 3946 |
| 6 chrB3.166361C | A | 0.1559 | 3990 |
| 6 chrB3.166394G | A | 0.2192 | 3996 |
| 6 chrB3.166426A | G | 0.08559 | 3984 |
| 6 chrB3.166467A | G | 0.05664 | 4008 |
| 6 chrB3.166502G | A | 0.3767 | 4000 |
| 6 chrB3.166512 | 0 A | 0 | 3982 |
| 6 chrB3.166526G | A | 0.2206 | 3976 |
| 6 chrB3.166565A | G | 0.1224 | 4002 |
| 6 chrB3.166608A | G | 0.3581 | 3870 |
| 6 chrB3.166661A | G | 0.1195 | 4010 |
| 6 chrB3.166694A | G | 0.08425 | 4000 |
| 6 chrB3.166759A | G | 0.0565 | 4000 |
| 6 chrB3.166795A | G | 0.1718 | 3992 |
| 6 chrB3.166805A | G | 0.234 | 4008 |
| 6 chrB3.166824A | G | 0.05647 | 4002 |
| 6 chrB3.166855A | G | 0.1152 | 3984 |
| 6 chrB3.166896G | A | 0.323 | 3984 |
| 6 chrB3.167034C | A | 0.07704 | 3946 |
| 6 chrB3.167061A | G | 0.1969 | 3986 |
| 6 chrUnX.3614 A | G | 0.2934 | 3926 |
| 6 chrB3.167153G | A | 0.3749 | 3996 |
| 6 chrB3.167203A | G | 0.05631 | 3836 |
| 6 chrB3.167242A | G | 0.1717 | 4008 |
| 6 chrB3.167285A | G | 0.1712 | 3984 |
| 6 chrB3.167363C | A | 0.0825 | 3988 |
| 6 chrB3.167475A | G | 0.2504 | 3958 |
| 6 chrB3.167517A | G | 0.1355 | 3940 |
| 6 chrB3.167561G | A | 0.3142 | 3946 |
| 6 chrB3.167601C | A | 0.1349 | 3766 |
| 6 chrB3.167646A | G | 0.4975 | 3966 |
| 6 chrB3.167752C | A | 0.09887 | 3712 |
| 6 chrB3.167816A | G | 0.09329 | 3966 |
| 6 chrB3.167872A | G | 0.06087 | 3910 |
| 6 chrB3.167955A | G | 0.1983 | 3998 |
| 6 chrB3.167997G | A | 0.2155 | 3898 |
| 6 chrB3.168022G | A | 0.2394 | 3780 |
| 6 chrB3.168081G | A | 0.2234 | 4002 |
| 6 chrB3.168145A | G | 0.3071 | 3810 |
| 6 chrB3.168181A | C | 0.03409 | 3696 |
| 6 chrB3.168219G | A | 0.3969 | 3762 |

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| 6 chrB3.168246 | A | 0.3666 | 3982 |
| 6 chrB3.168317 | A | 0.06347 | 3608 |
| 6 chrB3.168320 | 0 G | 0 | 4010 |
| 6 chrB3.168824 | A | 0.000499 | 4008 |
| 6 chrUn.643971 | 0 C | 0 | 3970 |
| 6 chrD1.155301 | A | 0.4909 | 3974 |
| 6 chrUn26.6734 | G | 0.449 | 3900 |
| 7 chrUn.130021 | 0 G | 0 | 3942 |
| 7 chrUn.542101 | 0 G | 0 | 3968 |
| 7 chrB4.30183 | A | 0.2624 | 3872 |
| 7 chrB4.387457 | G | 0.4962 | 3984 |
| 7 chrB4.238490 | G | 0.02711 | 3910 |
| 7 chrB4.272819 | G | 0.1249 | 3844 |
| 7 chrB4.348894 | A | 0.2553 | 3968 |
| 7 chrB4.431998 | G | 0.3987 | 3990 |
| 7 chrB4.482934 | C | 0.0984 | 4004 |
| 7 chrB4.523353 | A | 0.2537 | 3962 |
| 7 chrB4.556355 | A | 0.1715 | 3970 |
| 7 chrB4.597390 | C | 0.1807 | 3984 |
| 7 chrB4.639669 | G | 0.4912 | 4000 |
| 7 chrB4.669550 | A | 0.243 | 4004 |
| 7 chrB4.710483 | A | 0.09495 | 4002 |
| 7 chrB4.711834 | G | 0.4397 | 3998 |
| 7 chrB4.752837 | A | 0.3153 | 3990 |
| 7 chrB4.782605 | A | 0.1281 | 3996 |
| 7 chrB4.798358 | C | 0.4047 | 3966 |
| 7 chrB4.871965 | G | 0.1456 | 3976 |
| 7 chrB4.934992 | G | 0.3337 | 4000 |
| 7 chrB4.962153 | G | 0.3444 | 3940 |
| 7 chrB4.986962 | A | 0.4997 | 3994 |
| 7 chrB4.102425 | G | 0.459 | 3874 |
| 7 chrB4.107043 | G | 0.2079 | 3998 |
| 7 chrB4.109907 | A | 0.2019 | 3998 |
| 7 chrB4.113532 | G | 0.1886 | 4004 |
| 7 chrB4.119140 | G | 0.2028 | 3920 |
| 7 chrB4.125196 | G | 0.2046 | 3998 |
| 7 chrB4.131695 | A | 0.3023 | 3996 |
| 7 chrB4.135596 | G | 0.2817 | 3930 |
| 7 chrB4.140758 | A | 0.2411 | 3994 |
| 7 chrB4.146912 | G | 0.1889 | 3986 |
| 7 chrB4.147235 | 0 G | 0 | 4010 |

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| 7 chrB4.150520G | A | 0.1872 | 3888 |
| 7 chrB4.154465G | A | 0.128 | 4000 |
| 7 chrB4.157767A | G | 0.113 | 4008 |
| 7 chrB4.159078A | G | 0.06782 | 3996 |
| 7 chrB4.164463A | G | 0.3002 | 3988 |
| 7 chrB4.174579A | G | 0.1355 | 4006 |
| 7 chrB4.176998A | G | 0.2544 | 4002 |
| 7 chrB4.182403A | C | 0.4905 | 3994 |
| 7 chrB4.186905A | G | 0.1709 | 4002 |
| 7 chrB4.190937A | C | 0.4642 | 4000 |
| 7 chrB4.198798A | G | 0.03701 | 3972 |
| 7 chrB4.201265G | A | 0.01278 | 3992 |
| 7 chrB4.205491A | G | 0.02174 | 4002 |
| 7 chrB4.209438A | G | 0.05611 | 4010 |
| 7 chrB4.213474G | A | 0.4467 | 3996 |
| 7 chrB4.216041A | G | 0.3684 | 3996 |
| 7 chrB4.220858G | A | 0.4597 | 3968 |
| 7 chrB4.228257G | A | 0.03095 | 3974 |
| 7 chrB4.230959C | A | 0.4513 | 3962 |
| 7 chrB4.235266A | G | 0.3789 | 3946 |
| 7 chrB4.243216G | A | 0.1055 | 4008 |
| 7 chrB4.246563A | G | 0.06141 | 4006 |
| 7 chrB4.249409A | G | 0.4267 | 3996 |
| 7 chrB4.253261A | C | 0.2237 | 3894 |
| 7 chrB4.256135A | G | 0.3209 | 3998 |
| 7 chrB4.260692A | G | 0.2175 | 4004 |
| 7 chrB4.267195A | G | 0.2236 | 4008 |
| 7 chrB4.272852A | C | 0.4083 | 3990 |
| 7 chrB4.279985A | C | 0.03775 | 4000 |
| 7 chrB4.288478A | G | 0.2282 | 4006 |
| 7 chrB4.291809G | A | 0.07968 | 3966 |
| 7 chrB4.295915A | G | 0.2744 | 4002 |
| 7 chrB4.305174G | A | 0.3902 | 3998 |
| 7 chrB4.309685G | A | 0.3111 | 3934 |
| 7 chrB4.315189A | G | 0.3871 | 4002 |
| 7 chrB4.320617C | A | 0.3528 | 4000 |
| 7 chrB4.326657G | A | 0.3631 | 4004 |
| 7 chrB4.331264A | G | 0.07246 | 4002 |
| 7 chrB4.335814G | A | 0.357 | 3994 |
| 7 chrB4.342378G | A | 0.1257 | 4002 |
| 7 chrB4.345357A | G | 0.1667 | 4000 |

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| 7 chrB4.346335A | G | 0.07623 | 3988 |
| 7 chrB4.353314A | G | 0.1656 | 3902 |
| 7 chrB4.356789A | C | 0.2803 | 3996 |
| 7 chrB4.362420G | A | 0.2888 | 3996 |
| 7 chrB4.364891G | A | 0.3732 | 3942 |
| 7 chrB4.367956A | C | 0.2275 | 3872 |
| 7 chrB4.371438G | A | 0.4651 | 3900 |
| 7 chrB4.375957A | G | 0.1022 | 4000 |
| 7 chrB4.381418A | G | 0.3603 | 4008 |
| 7 chrB4.386595G | A | 0.3905 | 3972 |
| 7 chrB4.391588A | G | 0.2562 | 4000 |
| 7 chrB4.395916A | G | 0.04142 | 4008 |
| 7 chrB4.401079G | A | 0.2086 | 3940 |
| 7 chrB4.405995A | G | 0.1683 | 3998 |
| 7 chrB4.406140A | C | 0.1849 | 3980 |
| 7 chrB4.408595G | A | 0.0925 | 4000 |
| 7 chrB4.411170A | C | 0.3803 | 3984 |
| 7 chrB4.413079G | A | 0.4184 | 3996 |
| 7 chrB4.414277A | G | 0.06414 | 3960 |
| 7 chrB4.418329C | A | 0.056 | 4000 |
| 7 chrB4.425244A | G | 0.4157 | 3964 |
| 7 chrB4.430617G | A | 0.03393 | 4008 |
| 7 chrB4.434465A | G | 0.006523 | 3986 |
| 7 chrB4.438667A | G | 0.2775 | 3996 |
| 7 chrB4.447390G | A | 0.1925 | 3974 |
| 7 chrB4.451937A | G | 0.2828 | 4006 |
| 7 chrB4.462177G | A | 0.3224 | 4008 |
| 7 chrB4.465681C | A | 0.3198 | 4006 |
| 7 chrB4.469062A | G | 0.4918 | 4004 |
| 7 chrB4.472175A | G | 0.02947 | 4004 |
| 7 chrB4.474826A | G | 0.004 | 4000 |
| 7 chrB4.474847A | G | 0.2119 | 3992 |
| 7 chrB4.485684A | G | 0.3853 | 4002 |
| 7 chrB4.488390A | G | 0.00699 | 4006 |
| 7 chrB4.490580G | A | 0.4942 | 3974 |
| 7 chrB4.493735A | C | 0.3332 | 4000 |
| 7 chrB4.497437A | G | 0.1284 | 4010 |
| 7 chrB4.504004A | G | 0.1581 | 3890 |
| 7 chrB4.508550A | G | 0.1395 | 3994 |
| 7 chrB4.509145A | C | 0.07983 | 3996 |
| 7 chrB4.511705A | G | 0.4427 | 3998 |

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| 7 chrB4.515778A | G | 0.1839 | 3822 |
| 7 chrB4.523945A | G | 0.09331 | 4008 |
| 7 chrB4.527795G | A | 0.1586 | 3998 |
| 7 chrB4.531560A | G | 0.4143 | 3896 |
| 7 chrB4.537914G | A | 0.03203 | 3996 |
| 7 chrB4.541524A | G | 0.2829 | 4002 |
| 7 chrB4.547676G | A | 0.4775 | 4002 |
| 7 chrB4.553268G | A | 0.2248 | 4008 |
| 7 chrB4.559787C | A | 0.2343 | 3990 |
| 7 chrB4.565071A | G | 0.2272 | 3984 |
| 7 chrB4.568998C | A | 0.08709 | 3996 |
| 7 chrB4.579638G | A | 0.156 | 3982 |
| 7 chrB4.585101G | A | 0.4141 | 3956 |
| 7 chrB4.592432A | G | 0.1266 | 3964 |
| 7 chrB4.604026G | A | 0.1808 | 3966 |
| 7 chrB4.612290A | G | 0.09939 | 3934 |
| 7 chrB4.607772G | A | 0.321 | 3994 |
| 7 chrB4.617188G | A | 0.2416 | 3998 |
| 7 chrB4.620052G | A | 0.02161 | 3980 |
| 7 chrB4.635935G | A | 0.1195 | 4008 |
| 7 chrB4.638534A | G | 0.448 | 3752 |
| 7 chrB4.644290A | C | 0.1253 | 3960 |
| 7 chrB4.648685A | G | 0.02974 | 3934 |
| 7 chrB4.651837A | G | 0.385 | 4000 |
| 7 chrB4.652778A | G | 0.08734 | 3996 |
| 7 chrB4.657795G | A | 0.399 | 3962 |
| 7 chrB4.664884A | G | 0.3996 | 3996 |
| 7 chrB4.669461A | G | 0.1527 | 3976 |
| 7 chrB4.674055A | G | 0.3283 | 4002 |
| 7 chrB4.681704A | G | 0.3492 | 3880 |
| 7 chrB4.685048G | A | 0.3212 | 3998 |
| 7 chrB4.691196A | G | 0.3617 | 3998 |
| 7 chrB4.694012A | G | 0.4905 | 4004 |
| 7 chrB4.696719A | C | 0.3644 | 3996 |
| 7 chrB4.700497A | G | 0.1737 | 4000 |
| 7 chrB4.704659G | A | 0.4678 | 4006 |
| 7 chrB4.713544A | C | 0.1909 | 3960 |
| 7 chrB4.719291A | G | 0.09885 | 4006 |
| 7 chrB4.720220A | C | 0.4181 | 3968 |
| 7 chrB4.723482G | A | 0.1046 | 4006 |
| 7 chrB4.729933G | A | 0.1671 | 4004 |

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| 7 chrB4.732709G | A | 0.3922 | 4006 |
| 7 chrB4.735544G | A | 0.252 | 4000 |
| 7 chrB4.739201A | G | 0.2431 | 4006 |
| 7 chrB4.744352A | G | 0.0235 | 4000 |
| 7 chrB4.745021G | A | 0.0007485 | 4008 |
| 7 chrB4.749114A | G | 0.2066 | 4002 |
| 7 chrB4.752295A | G | 0.1346 | 3998 |
| 7 chrB4.761076G | A | 0.4805 | 4002 |
| 7 chrB4.772132A | G | 0.4967 | 3894 |
| 7 chrB4.775501A | G | 0.05025 | 4000 |
| 7 chrB4.778691G | A | 0.49 | 4002 |
| 7 chrB4.783628C | A | 0.3582 | 3998 |
| 7 chrB4.784117A | G | 0.1223 | 4006 |
| 7 chrB4.786777G | A | 0.3033 | 4000 |
| 7 chrB4.793058A | G | 0.455 | 3998 |
| 7 chrB4.795728G | A | 0.4752 | 4000 |
| 7 chrB4.798370A | G | 0.3856 | 4004 |
| 7 chrB4.802239C | A | 0.3109 | 4004 |
| 7 chrB4.805027A | C | 0.1124 | 3984 |
| 7 chrB4.807630A | G | 0.1319 | 4004 |
| 7 chrB4.811125A | G | 0.4027 | 3998 |
| 7 chrB4.815447G | A | 0.007984 | 4008 |
| 7 chrB4.835289G | A | 0.23 | 4000 |
| 7 chrB4.847436C | A | 0.4632 | 3998 |
| 7 chrB4.851791A | C | 0.009759 | 3894 |
| 7 chrB4.857216A | G | 0.09915 | 4004 |
| 7 chrB4.860201A | G | 0.1293 | 3938 |
| 7 chrB4.865679A | G | 0.4618 | 3984 |
| 7 chrB4.866962A | G | 0.3201 | 3768 |
| 7 chrB4.871336A | G | 0.2007 | 4006 |
| 7 chrB4.874056G | A | 0.1515 | 3980 |
| 7 chrB4.879199C | A | 0.02839 | 3874 |
| 7 chrB4.884708A | C | 0.3596 | 3874 |
| 7 chrB4.888001G | A | 0.2475 | 4000 |
| 7 chrB4.897064A | G | 0.38 | 4000 |
| 7 chrA3.161001A | C | 0.3649 | 3886 |
| 7 chrB4.904915G | A | 0.333 | 3994 |
| 7 chrB4.908067A | G | 0.1626 | 3812 |
| 7 chrB4.912106G | A | 0.04671 | 3982 |
| 7 chrB4.920725G | A | 0.1486 | 3944 |
| 7 chrB4.930111A | G | 0.4807 | 3988 |

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| 7 chrB4.935694G | A | 0.06147 | 4002 |
| 7 chrB4.939575A | G | 0.01349 | 4004 |
| 7 chrB4.944243A | G | 0.04196 | 3980 |
| 7 chrB4.947954A | G | 0.02023 | 4004 |
| 7 chrB4.954466A | G | 0.2339 | 3886 |
| 7 chrB4.960828A | G | 0.2121 | 4002 |
| 7 chrB4.966136A | G | 0.01499 | 4002 |
| 7 chrB4.972204C | A | 0.0007496 | 4002 |
| 7 chrB4.978564G | A | 0.1562 | 3994 |
| 7 chrB4.981066A | G | 0.07862 | 3994 |
| 7 chrB4.983996A | G | 0.03025 | 4000 |
| 7 chrB4.988774A | G | 0.2251 | 3972 |
| 7 chrB4.992456A | C | 0.1589 | 3996 |
| 7 chrB4.994306A | G | 0.0002496 | 4006 |
| 7 chrB4.996465G | A | 0.03703 | 3970 |
| 7 chrB4.100207G | A | 0.3486 | 4002 |
| 7 chrB4.100884A | G | 0.06049 | 3852 |
| 7 chrB4.101298C | A | 0.0387 | 3798 |
| 7 chrB4.101588A | G | 0.03248 | 4002 |
| 7 chrB4.101946G | A | 0.04039 | 3986 |
| 7 chrB4.102777A | G | 0.03302 | 3998 |
| 7 chrB4.103369G | A | 0.3883 | 4002 |
| 7 chrB4.103888A | G | 0.3901 | 3894 |
| 7 chrB4.104253A | G | 0.083 | 4000 |
| 7 chrB4.104775G | A | 0.4472 | 3998 |
| 7 chrB4.105036A | G | 0.03869 | 3954 |
| 7 chrB4.105341A | G | 0.05619 | 4004 |
| 7 chrB4.106087G | A | 0.3995 | 3950 |
| 7 chrB4.106403A | G | 0.3517 | 3986 |
| 7 chrB4.106661A | G | 0.4115 | 4002 |
| 7 chrB4.106931A | G | 0.2327 | 3988 |
| 7 chrB4.106938A | G | 0.000499 | 4008 |
| 7 chrB4.107627G | A | 0.4582 | 3782 |
| 7 chrB4.108201G | A | 0.4343 | 3988 |
| 7 chrB4.108976A | G | 0.3833 | 3890 |
| 7 chrB4.109311G | A | 0.1847 | 3984 |
| 7 chrB4.109573A | G | 0.2641 | 4006 |
| 7 chrB4.109922A | G | 0.2686 | 4006 |
| 7 chrB4.111224G | A | 0.3442 | 3998 |
| 7 chrB4.111608G | A | 0.2005 | 4004 |
| 7 chrB4.112043A | G | 0.1451 | 3990 |

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| 7 chrB4.112508C | A | 0.244 | 3918 |
| 7 chrB4.112803G | A | 0.4854 | 3986 |
| 7 chrB4.112869A | G | 0.02395 | 4008 |
| 7 chrB4.113179C | A | 0.1579 | 3952 |
| 7 chrB4.113754G | A | 0.4812 | 3988 |
| 7 chrB4.114222A | G | 0.2022 | 3922 |
| 7 chrB4.114549G | A | 0.4386 | 3940 |
| 7 chrB4.114984A | G | 0.09119 | 3926 |
| 7 chrB4.115537A | G | 0.2068 | 4004 |
| 7 chrB4.116022A | G | 0.2304 | 3998 |
| 7 chrB4.116714A | G | 0.3295 | 3936 |
| 7 chrB4.117694G | A | 0.1905 | 4000 |
| 7 chrB4.118324A | G | 0.2258 | 3898 |
| 7 chrB4.118660A | C | 0.2206 | 3998 |
| 7 chrB4.119372A | G | 0.2109 | 3998 |
| 7 chrB4.119754A | G | 0.27 | 3830 |
| 7 chrB4.120029A | G | 0.3499 | 3992 |
| 7 chrB4.120218G | A | 0.04175 | 4000 |
| 7 chrB4.120690G | A | 0.03095 | 4006 |
| 7 chrB4.121030A | G | 0.09361 | 4006 |
| 7 chrB4.121423A | G | 0.2442 | 3972 |
| 7 chrB4.122144A | C | 0.2366 | 3914 |
| 7 chrB4.122386G | A | 0.1662 | 3994 |
| 7 chrB4.122939A | G | 0.1676 | 4004 |
| 7 chrB4.123322C | A | 0.00276 | 3986 |
| 7 chrB4.124197A | G | 0.131 | 4000 |
| 7 chrB4.124529A | G | 0.1717 | 4000 |
| 7 chrB4.124981G | A | 0.2739 | 3968 |
| 7 chrB4.125026A | G | 0.001247 | 4010 |
| 7 chrB4.125380G | A | 0.1335 | 4006 |
| 7 chrB4.125891G | A | 0.2851 | 3992 |
| 7 chrB4.126559A | G | 0.2442 | 3996 |
| 7 chrB4.127344A | G | 0.3495 | 3940 |
| 7 chrB4.127608A | C | 0.4444 | 3954 |
| 7 chrB4.127930A | G | 0.1431 | 3998 |
| 7 chrB4.128222A | G | 0.07268 | 4004 |
| 7 chrB4.128533A | G | 0.1415 | 4000 |
| 7 chrB4.128888A | G | 0.05204 | 3766 |
| 7 chrB4.129592A | G | 0.416 | 3988 |
| 7 chrB4.129881A | G | 0.4532 | 3974 |
| 7 chrB4.130674A | G | 0.1392 | 4000 |

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| 7 chrB4.130720G | A | 0.3916 | 4002 |
| 7 chrB4.130992A | G | 0.06757 | 3996 |
| 7 chrB4.131257A | G | 0.09811 | 3700 |
| 7 chrB4.131808A | C | 0.4367 | 3996 |
| 7 chrB4.132096A | C | 0.2566 | 3800 |
| 7 chrB4.132545G | A | 0.119 | 4000 |
| 7 chrB4.133016A | G | 0.4803 | 4004 |
| 7 chrB4.133555A | G | 0.3703 | 3962 |
| 7 chrB4.133801G | A | 0.1313 | 3946 |
| 7 chrB4.134403A | G | 0.3237 | 3892 |
| 7 chrB4.135204G | A | 0.3399 | 3980 |
| 7 chrB4.135769A | G | 0.1846 | 3998 |
| 7 chrB4.135770A | C | 0.1863 | 3988 |
| 7 chrB4.136398C | A | 0.02585 | 3868 |
| 7 chrB4.136682G | A | 0.2945 | 3996 |
| 7 chrB4.136993A | C | 0.3655 | 4000 |
| 7 chrB4.137818A | G | 0.1515 | 3690 |
| 7 chrB4.138541A | G | 0.3134 | 3998 |
| 7 chrB4.139160C | A | 0.4815 | 4006 |
| 7 chrB4.139635G | A | 0.2249 | 3958 |
| 7 chrB4.140099A | C | 0.3141 | 3964 |
| 7 chrB4.140572A | G | 0.4713 | 4002 |
| 7 chrB4.140934C | A | 0.4514 | 3994 |
| 7 chrB4.141749G | A | 0.3648 | 3994 |
| 7 chrB4.142377A | G | 0.1746 | 3998 |
| 7 chrB4.142764G | A | 0.2348 | 4008 |
| 7 chrB4.143004A | C | 0.4932 | 3988 |
| 7 chrB4.143707A | G | 0.1236 | 3990 |
| 7 chrB4.144116A | G | 0.3641 | 3974 |
| 7 chrB4.144690G | A | 0.2612 | 3966 |
| 7 chrB4.145130A | G | 0.2073 | 3960 |
| 7 chrB4.145556G | A | 0.3296 | 3978 |
| 7 chrB4.145826G | A | 0.2874 | 3980 |
| 7 chrB4.146427G | A | 0.2584 | 3982 |
| 7 chrB4.146879G | A | 0.4231 | 3926 |
| 7 chrB4.147400A | G | 0.2738 | 3992 |
| 7 chrB4.147595 | 0 C | 0 | 4008 |
| 7 chrB4.147730A | G | 0.2923 | 4000 |
| 7 chrB4.148391A | G | 0.2003 | 3994 |
| 7 chrB4.149438A | G | 0.0798 | 3960 |
| 7 chrB4.149694A | G | 0.1497 | 4002 |

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| 7 chrB4.149966A | G | 0.3964 | 3996 |
| 7 chrB4.150789A | C | 0.33 | 3970 |
| 7 chrB4.152504A | C | 0.1741 | 3974 |
| 7 chrB4.152636G | A | 0.0002495 | 4008 |
| 7 chrA2.297934A | G | 0.3221 | 3996 |
| 7 chrA2.297519A | G | 0.07175 | 4000 |
| 7 chrA2.296946G | A | 0.06316 | 4006 |
| 7 chrB4.153875C | A | 0.2652 | 3986 |
| 7 chrB4.154262A | G | 0.3835 | 4000 |
| 7 chrB4.154923G | A | 0.2561 | 3990 |
| 7 chrB4.155069A | G | 0.3863 | 3992 |
| 7 chrB4.155605G | A | 0.1807 | 3974 |
| 7 chrB4.156768A | G | 0.01456 | 3984 |
| 7 chrB4.157213G | A | 0.4555 | 3956 |
| 7 chrB4.157715A | G | 0.4706 | 3984 |
| 7 chrB4.157990G | A | 0.03946 | 4004 |
| 7 chrB4.158254A | G | 0.2049 | 3998 |
| 7 chrB4.158720G | A | 0.02139 | 3786 |
| 7 chrB4.159774A | G | 0.3041 | 3996 |
| 7 chrB4.160145G | A | 0.3068 | 3990 |
| 7 chrB4.160688C | A | 0.1227 | 3976 |
| 7 chrB4.161029A | G | 0.1508 | 4004 |
| 7 chrB4.161280A | G | 0.3519 | 3996 |
| 7 chrB4.162269A | G | 0.1207 | 3994 |
| 7 chrUn.549828G | A | 0.2256 | 3998 |
| 7 chrB4.163154A | C | 0.1124 | 4002 |
| 7 chrB4.163464A | G | 0.06465 | 3666 |
| 7 chrB4.164068G | A | 0.2607 | 3912 |
| 7 chrB4.164423G | A | 0.3211 | 4008 |
| 7 chrB4.164890A | G | 0.1289 | 4002 |
| 7 chrB4.165370G | A | 0.1054 | 4002 |
| 7 chrB4.166067G | A | 0.1391 | 4004 |
| 7 chrB4.166576A | G | 0.1162 | 4002 |
| 7 chrB4.166915A | G | 0.3379 | 3998 |
| 7 chrB4.167362A | G | 0.112 | 3992 |
| 7 chrB4.167631G | A | 0.2166 | 3998 |
| 7 chrB4.168141A | G | 0.1021 | 4006 |
| 7 chrB4.170707A | G | 0.2241 | 3994 |
| 7 chrB4.169905G | A | 0.0146 | 3972 |
| 7 chrB4.169194A | C | 0.01392 | 3950 |
| 7 chrB4.168652A | G | 0.1445 | 3722 |

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| 7 chrB4.171070G | A | 0.2666 | 4006 |
| 7 chrB4.171360G | A | 0.1993 | 4000 |
| 7 chrB4.171821A | G | 0.3806 | 3988 |
| 7 chrB4.172291G | A | 0.1631 | 4004 |
| 7 chrB4.172745A | G | 0.294 | 3986 |
| 7 chrB4.173265A | G | 0.1761 | 4004 |
| 7 chrB4.173889A | C | 0.39 | 3928 |
| 7 chrB4.174198C | A | 0.3392 | 3998 |
| 7 chrB4.174444A | G | 0.4683 | 4004 |
| 7 chrB4.174715A | G | 0.2652 | 3842 |
| 7 chrB4.174986 | 0 A | 0 | 3986 |
| 7 chrB4.175837G | A | 0.3912 | 4000 |
| 7 chrB4.176088G | A | 0.1265 | 3992 |
| 7 chrB4.176835C | A | 0.1537 | 4008 |
| 7 chrB4.177196A | G | 0.4895 | 3984 |
| 7 chrB4.178250A | G | 0.4442 | 3994 |
| 7 chrB4.178615A | G | 0.4154 | 3994 |
| 7 chrB4.179065A | G | 0.2105 | 3948 |
| 7 chrB4.179388A | G | 0.3276 | 3984 |
| 7 chrB4.179934C | A | 0.06247 | 4002 |
| 7 chrB4.180396A | C | 0.1203 | 3982 |
| 7 chrB4.180976C | A | 0.05267 | 3930 |
| 7 chrB4.181450A | G | 0.235 | 4000 |
| 7 chrB4.181624G | A | 0.0387 | 3902 |
| 7 chrB4.181821G | A | 0.4237 | 4010 |
| 7 chrB4.182970G | A | 0.03495 | 4006 |
| 7 chrB4.183524A | G | 0.2188 | 4000 |
| 7 chrB4.184174A | G | 0.08803 | 3976 |
| 7 chrB4.184635A | G | 0.4223 | 3964 |
| 7 chrB4.185461G | A | 0.3237 | 4000 |
| 7 chrB4.185751A | G | 0.09111 | 4006 |
| 7 chrB4.186472C | A | 0.1652 | 3994 |
| 7 chrB4.186845G | A | 0.3573 | 4002 |
| 7 chrB4.187101G | A | 0.4302 | 3996 |
| 7 chrB4.187436C | A | 0.03442 | 3748 |
| 7 chrB4.187907C | A | 0.03003 | 3996 |
| 7 chrB4.188294A | G | 0.02885 | 3848 |
| 7 chrB4.188857A | G | 0.3628 | 3994 |
| 7 chrB4.189210A | G | 0.436 | 3984 |
| 7 chrB4.189861A | G | 0.3332 | 3928 |
| 7 chrD2.196714A | G | 0.386 | 4000 |

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| 7 chrB4.190235A | G | 0.4536 | 3968 |
| 7 chrB4.190516A | G | 0.1309 | 3942 |
| 7 chrB4.191328A | C | 0.05104 | 3860 |
| 7 chrB4.191979G | A | 0.2693 | 4006 |
| 7 chrB4.192696G | A | 0.04705 | 3996 |
| 7 chrB4.193023G | A | 0.05042 | 3828 |
| 7 chrB4.193563 | 0 G | 0 | 4006 |
| 7 chrB4.193716A | G | 0.06332 | 3980 |
| 7 chrB4.194338A | G | 0.1254 | 3962 |
| 7 chrUn.236287G | A | 0.2291 | 3998 |
| 7 chrB4.194822G | A | 0.382 | 3990 |
| 7 chrB4.195643A | G | 0.03423 | 4002 |
| 7 chrB4.196234C | A | 0.2544 | 4002 |
| 7 chrB4.196515G | A | 0.1572 | 4008 |
| 7 chrB4.196982A | G | 0.208 | 4000 |
| 7 chrB4.197445A | G | 0.4267 | 3998 |
| 7 chrB4.197807A | G | 0.2509 | 3990 |
| 7 chrB4.198325A | G | 0.2179 | 3998 |
| 7 chrB4.198720A | C | 0.2656 | 3980 |
| 7 chrB4.199076G | A | 0.2678 | 4006 |
| 7 chrB4.199176A | G | 0.2526 | 4006 |
| 7 chrB4.199458A | G | 0.1268 | 3966 |
| 7 chrB4.199742A | G | 0.2673 | 4006 |
| 7 chrB4.200049A | G | 0.2607 | 4004 |
| 7 chrB4.200340G | A | 0.1392 | 4002 |
| 7 chrB4.200711A | C | 0.3516 | 4004 |
| 7 chrB4.201175G | A | 0.1256 | 3988 |
| 7 chrB4.201557G | A | 0.3367 | 3998 |
| 7 chrB4.202020G | A | 0.2491 | 3990 |
| 7 chrB4.202913G | A | 0.3922 | 3990 |
| 7 chrB4.203510G | A | 0.0365 | 4000 |
| 7 chrB4.203848G | A | 0.4485 | 4000 |
| 7 chrB4.204461C | A | 0.3377 | 4004 |
| 7 chrB4.204763G | A | 0.04652 | 3998 |
| 7 chrB4.205536G | A | 0.205 | 3996 |
| 7 chrB4.206008A | G | 0.09436 | 4006 |
| 7 chrB4.206259G | A | 0.2207 | 3992 |
| 7 chrB4.206761A | G | 0.47 | 3996 |
| 7 chrB4.207092A | G | 0.4571 | 4010 |
| 7 chrB4.207529G | A | 0.1091 | 3970 |
| 7 chrB4.207886G | A | 0.0465 | 4000 |

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| 7 chrB4.209272A | G | 0.3737 | 3998 |
| 7 chrB4.209766C | A | 0.1189 | 4004 |
| 7 chrB4.210374G | A | 0.06047 | 4002 |
| 7 chrB4.210624A | G | 0.2248 | 3982 |
| 7 chrB4.211115A | G | 0.4566 | 3944 |
| 7 chrB4.211477A | G | 0.2176 | 4008 |
| 7 chrB4.212098G | A | 0.1772 | 3974 |
| 7 chrB4.212632A | G | 0.4313 | 4000 |
| 7 chrB4.213435G | A | 0.4832 | 4000 |
| 7 chrB4.213677A | G | 0.1279 | 4004 |
| 7 chrB4.214201G | A | 0.3879 | 4006 |
| 7 chrB4.214550A | G | 0.2859 | 3932 |
| 7 chrUn.285574A | G | 0.3718 | 3954 |
| 7 chrUn.238204A | C | 0.2314 | 3764 |
| 7 chrB4.215355A | C | 0.1398 | 3992 |
| 7 chrB4.216379G | A | 0.09007 | 4008 |
| 7 chrB4.216395C | A | 0.2435 | 4004 |
| 7 chrB4.217338G | A | 0.4147 | 3998 |
| 7 chrB4.269600A | C | 0.4193 | 3940 |
| 7 chrB4.217730C | A | 0.09093 | 3904 |
| 7 chrB4.270065A | C | 0.05966 | 3738 |
| 7 chrB4.270400A | G | 0.04562 | 3770 |
| 7 chrB4.270926A | G | 0.1587 | 3988 |
| 7 chrB4.271056C | A | 0.2091 | 3994 |
| 7 chrB4.271219A | G | 0.1756 | 3958 |
| 7 chrB4.271785A | G | 0.1739 | 4002 |
| 7 chrB4.272201G | A | 0.09372 | 3980 |
| 7 chrB4.272440A | G | 0.1893 | 4004 |
| 7 chrB4.272735A | G | 0.2652 | 3978 |
| 7 chrB4.273395A | G | 0.2088 | 4004 |
| 7 chrB4.273705G | A | 0.05488 | 3772 |
| 7 chrB4.274028G | A | 0.2759 | 3984 |
| 7 chrB4.274520G | A | 0.4743 | 4006 |
| 7 chrB4.275059A | C | 0.2724 | 4002 |
| 7 chrB4.275328A | G | 0.09754 | 3978 |
| 7 chrB4.275948A | G | 0.05217 | 4006 |
| 7 chrB4.276425A | C | 0.1646 | 3936 |
| 7 chrB4.276915A | G | 0.2123 | 3994 |
| 7 chrB4.277417A | G | 0.2276 | 3906 |
| 7 chrB4.277848A | G | 0.2768 | 4010 |
| 7 chrB4.278666C | A | 0.185 | 4006 |

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| 7 chrB4.279114 | A | 0.2489 | 3970 |
| 7 chrB4.279370 | G | 0.2163 | 3986 |
| 7 chrB4.279639 | C | 0.03275 | 3970 |
| 7 chrB1.812217 | G | 0.3732 | 3816 |
| 7 chrB4.280364 | G | 0.08256 | 3888 |
| 7 chrB1.173834 | G | 0.4104 | 4008 |
| 7 chrUn.199901 | G | 0.2568 | 3984 |
| 7 chrB4.281686 | A | 0.06453 | 3998 |
| 7 chrB4.282298 | G | 0.2534 | 3986 |
| 7 chrB4.282760 | G | 0.2984 | 3994 |
| 7 chrB4.282914 | 0 G | 0 | 4008 |
| 7 chrB4.283087 | A | 0.05458 | 3994 |
| 7 chrUn.102549 | A | 0.2404 | 3898 |
| 7 chrB4.284465 | G | 0.3174 | 4004 |
| 7 chrB4.284746 | A | 0.1753 | 4004 |
| 7 chrB4.285155 | G | 0.1419 | 3960 |
| 7 chrB4.285748 | A | 0.4327 | 3906 |
| 7 chrB4.286507 | G | 0.1131 | 3668 |
| 7 chrB4.287277 | G | 0.2161 | 3998 |
| 7 chrB4.287621 | G | 0.2673 | 3984 |
| 7 chrB4.287958 | G | 0.075 | 4000 |
| 7 chrB4.288306 | A | 0.06828 | 3852 |
| 7 chrB4.288988 | A | 0.1956 | 3992 |
| 7 chrUn9.53761 | 0 G | 0 | 4010 |
| 7 chrB4.289305 | G | 0.07029 | 3998 |
| 7 chrB4.289687 | G | 0.1006 | 4006 |
| 7 chrB4.290507 | G | 0.199 | 4006 |
| 7 chrB4.291671 | G | 0.364 | 4000 |
| 7 chrB4.292118 | C | 0.2287 | 3996 |
| 7 chrB4.292552 | G | 0.3643 | 3994 |
| 7 chrB4.292927 | A | 0.4589 | 3964 |
| 7 chrB4.293353 | C | 0.3799 | 3996 |
| 7 chrB4.293866 | G | 0.3014 | 3992 |
| 7 chrB4.294270 | G | 0.0542 | 4004 |
| 7 chrB4.294770 | G | 0.3694 | 3998 |
| 7 chrB4.295106 | A | 0.1174 | 3910 |
| 7 chrB4.295855 | G | 0.271 | 4004 |
| 7 chrB4.296110 | G | 0.3873 | 4002 |
| 7 chrB4.296141 | A | 0.1885 | 4006 |
| 7 chrB4.296551 | G | 0.1321 | 4004 |
| 7 chrB4.297062 | G | 0.1011 | 4006 |

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| 7 chrB4.297485C | A | 0.2189 | 3800 |
| 7 chrB4.298135G | A | 0.3513 | 4002 |
| 7 chrB4.298426G | A | 0.004541 | 3964 |
| 7 chrB4.298875A | G | 0.1258 | 4006 |
| 7 chrB4.299336A | G | 0.3763 | 3970 |
| 7 chrB4.299785A | G | 0.08728 | 3804 |
| 7 chrB4.300102C | A | 0.009302 | 3870 |
| 7 chrB4.300182A | G | 0.3044 | 3992 |
| 7 chrB4.300611G | A | 0.3321 | 4002 |
| 7 chrB4.301014A | G | 0.1119 | 3950 |
| 7 chrB4.301562C | A | 0.001 | 4000 |
| 7 chrC2.158527A | G | 0.1123 | 3928 |
| 7 chrB4.301957A | G | 0.3176 | 4002 |
| 7 chrB4.302945G | A | 0.1714 | 3996 |
| 7 chrB4.303274G | A | 0.01852 | 3996 |
| 7 chrB4.303984G | A | 0.3417 | 3998 |
| 7 chrB4.304545A | G | 0.1287 | 3956 |
| 7 chrB4.304825G | A | 0.3072 | 3832 |
| 7 chrB4.305202G | A | 0.05503 | 3998 |
| 7 chrB4.305445A | G | 0.2905 | 3980 |
| 7 chrB4.305821C | A | 0.1537 | 4002 |
| 7 chrB4.306185G | A | 0.0542 | 4004 |
| 7 chrB4.306816G | A | 0.1275 | 3930 |
| 7 chrB4.307070A | G | 0.1166 | 4006 |
| 7 chrB4.307275G | A | 0.2959 | 4008 |
| 7 chrB4.307555G | A | 0.4324 | 3952 |
| 7 chrB4.307792A | G | 0.408 | 3980 |
| 7 chrB4.308296A | G | 0.2809 | 3774 |
| 7 chrB4.308898A | C | 0.3299 | 4004 |
| 7 chrB4.309134A | G | 0.2994 | 3988 |
| 7 chrB4.309372G | A | 0.4937 | 3994 |
| 7 chrUn.418019G | C | 0.2313 | 3978 |
| 7 chrB4.310391G | A | 0.1118 | 3990 |
| 7 chrB4.311081G | A | 0.3722 | 4006 |
| 7 chrB4.311590A | G | 0.1231 | 3998 |
| 7 chrB4.311836G | A | 0.1609 | 4008 |
| 7 chrB4.312205G | A | 0.4972 | 3986 |
| 7 chrB4.313144A | G | 0.03092 | 4010 |
| 7 chrB4.313822A | G | 0.3748 | 4002 |
| 7 chrB4.314200A | G | 0.1669 | 4008 |
| 7 chrB4.314817G | A | 0.0115 | 4000 |

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| 7 chrB4.314855A | G | 0.2929 | 4002 |
| 7 chrB4.315395G | A | 0.3474 | 3964 |
| 7 chrB4.315740G | A | 0.4667 | 3992 |
| 7 chrB4.316477A | C | 0.3911 | 3956 |
| 7 chrB4.316726G | A | 0.2448 | 4004 |
| 7 chrB4.317171A | G | 0.3759 | 3956 |
| 7 chrB4.317514A | G | 0.2207 | 3874 |
| 7 chrB4.317834A | C | 0.3342 | 3998 |
| 7 chrB4.318415A | G | 0.09039 | 3994 |
| 7 chrB4.318755A | G | 0.146 | 3994 |
| 7 chrB4.319165G | A | 0.2778 | 3794 |
| 7 chrE2.391694G | A | 0.0002495 | 4008 |
| 7 chrB4.320131A | G | 0.2218 | 4000 |
| 7 chrB4.320508A | G | 0.08866 | 4004 |
| 7 chrB4.320801A | G | 0.4795 | 4000 |
| 7 chrB4.321446G | A | 0.1239 | 4002 |
| 7 chrB4.321684A | C | 0.3444 | 3972 |
| 7 chrB4.322130G | A | 0.4978 | 4004 |
| 7 chrB4.322388A | G | 0.08175 | 4000 |
| 7 chrB4.322676G | A | 0.1608 | 4004 |
| 7 chrB4.323095G | A | 0.2729 | 3976 |
| 7 chrB4.323645A | G | 0.3698 | 3994 |
| 7 chrB4.323907A | C | 0.4977 | 3996 |
| 7 chrB4.324168A | G | 0.2418 | 4008 |
| 7 chrB4.324411A | G | 0.03598 | 4002 |
| 7 chrB4.324686G | A | 0.3665 | 3994 |
| 7 chrB4.325035A | G | 0.4201 | 3992 |
| 7 chrB4.325295G | A | 0.1622 | 3994 |
| 7 chrB4.325404G | A | 0.2014 | 4002 |
| 7 chrB4.325541A | G | 0.2766 | 4002 |
| 7 chrB4.325842A | G | 0.1873 | 4000 |
| 7 chrB4.326274A | G | 0.4947 | 3994 |
| 7 chrB4.326580A | G | 0.1086 | 3998 |
| 7 chrB4.326914A | G | 0.2083 | 4004 |
| 7 chrB4.327295A | G | 0.09542 | 3930 |
| 7 chrB4.328192G | A | 0.4923 | 4000 |
| 7 chrB4.328586C | A | 0.2812 | 3968 |
| 7 chrB4.329592C | A | 0.009975 | 4010 |
| 7 chrB4.329852A | G | 0.115 | 4008 |
| 7 chrB4.330206G | A | 0.04425 | 4000 |
| 7 chrB4.330445A | C | 0.4853 | 4002 |

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| 7 chrB4.330958A | G | 0.1558 | 3966 |
| 7 chrB4.331750G | A | 0.04165 | 3962 |
| 7 chrB4.332510A | C | 0.3187 | 4004 |
| 7 chrB4.333009A | G | 0.1852 | 4006 |
| 7 chrB4.333410A | G | 0.3625 | 4000 |
| 7 chrB4.334093G | A | 0.4181 | 3906 |
| 7 chrB4.334504G | A | 0.0009975 | 4010 |
| 7 chrB4.334558A | G | 0.4076 | 3994 |
| 7 chrB4.334898A | C | 0.4198 | 3976 |
| 7 chrB4.335332G | A | 0.2625 | 4000 |
| 7 chrB4.335668G | A | 0.1469 | 4004 |
| 7 chrB4.336256G | A | 0.2556 | 4002 |
| 7 chrB4.336678G | A | 0.1095 | 3980 |
| 7 chrB4.337107G | A | 0.2016 | 3988 |
| 7 chrB4.337391G | A | 0.4362 | 3996 |
| 7 chrB4.338303A | G | 0.1921 | 3910 |
| 7 chrB4.338564C | A | 0.3163 | 4006 |
| 7 chrB4.338856A | C | 0.2623 | 3984 |
| 7 chrB4.339209A | G | 0.1121 | 4006 |
| 7 chrB4.339417A | G | 0.4608 | 3982 |
| 7 chrB4.339582A | G | 0.1208 | 4000 |
| 7 chrB4.339881C | A | 0.2163 | 4004 |
| 7 chrB4.340123A | G | 0.1677 | 4000 |
| 7 chrB4.340441A | G | 0.3044 | 4004 |
| 7 chrB4.341026G | A | 0.2466 | 3994 |
| 7 chrB4.341439G | A | 0.1201 | 3996 |
| 7 chrB4.342172A | G | 0.1836 | 3748 |
| 7 chrB4.342447G | A | 0.1724 | 4002 |
| 7 chrB4.342894G | A | 0.4208 | 3992 |
| 7 chrB4.343437A | G | 0.1513 | 4006 |
| 7 chrB4.344314G | A | 0.1949 | 3972 |
| 7 chrB4.344567A | G | 0.2282 | 4000 |
| 7 chrB4.345169A | G | 0.3595 | 3994 |
| 7 chrB4.345438A | G | 0.1654 | 3972 |
| 7 chrB4.346093A | G | 0.4887 | 3986 |
| 7 chrB4.346377G | A | 0.1334 | 3988 |
| 7 chrB4.346669G | A | 0.3845 | 3992 |
| 7 chrB4.347366A | G | 0.2598 | 3992 |
| 7 chrB4.347661G | A | 0.2741 | 3966 |
| 7 chrB4.347960G | A | 0.2458 | 4004 |
| 7 chrB4.348703A | G | 0.05697 | 4002 |

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| 7 chrB4.349230A | G | 0.09139 | 3994 |
| 7 chrB4.349468A | G | 0.1302 | 3864 |
| 7 chrB4.349824G | A | 0.1641 | 4010 |
| 7 chrB4.350199G | A | 0.2054 | 3948 |
| 7 chrB4.350441A | G | 0.0605 | 4000 |
| 7 chrB4.350782A | C | 0.09799 | 3990 |
| 7 chrB4.351389G | A | 0.1547 | 4008 |
| 7 chrB4.352578A | G | 0.04289 | 4010 |
| 7 chrB4.352954A | C | 0.2731 | 4002 |
| 7 chrB4.353334A | G | 0.3438 | 3996 |
| 7 chrB4.353439G | A | 0.3438 | 4008 |
| 7 chrB4.353892G | A | 0.3067 | 3962 |
| 7 chrB4.354809A | G | 0.253 | 4000 |
| 7 chrB4.355412G | A | 0.11 | 4008 |
| 7 chrB4.355659G | A | 0.225 | 3996 |
| 7 chrB4.355711A | G | 0.3046 | 4002 |
| 7 chrB4.356124G | A | 0.06598 | 3956 |
| 7 chrB4.356408A | C | 0.1197 | 4000 |
| 7 chrB4.356709A | G | 0.2982 | 3900 |
| 7 chrB4.356979C | A | 0.4185 | 3940 |
| 7 chrUn.998791A | G | 0.2806 | 3938 |
| 7 chrB4.357627G | A | 0.05853 | 3964 |
| 7 chrUn.581058A | G | 0.2722 | 3946 |
| 7 chrB4.358159G | A | 0.2721 | 3998 |
| 7 chrB4.358649G | A | 0.2462 | 3996 |
| 7 chrB4.358907A | C | 0.1565 | 4006 |
| 7 chrB4.359404A | G | 0.07688 | 4006 |
| 7 chrB4.359739A | C | 0.4351 | 3960 |
| 7 chrB4.360797G | A | 0.0912 | 4002 |
| 7 chrB4.361412A | G | 0.09236 | 4006 |
| 7 chrB4.361759G | A | 0.3559 | 4004 |
| 7 chrB4.362189A | G | 0.1382 | 3988 |
| 7 chrB4.362740A | G | 0.1476 | 3990 |
| 7 chrB4.363141A | G | 0.3602 | 3934 |
| 7 chrB4.363384A | G | 0.02046 | 4008 |
| 7 chrB4.363716A | G | 0.4067 | 3946 |
| 7 chrUn.113268A | G | 0.02893 | 3906 |
| 7 chrB3.158106G | A | 0.03181 | 3992 |
| 7 chrB4.371187A | G | 0.03222 | 4004 |
| 7 chrB4.381149A | G | 0.1756 | 3788 |
| 7 chrC1.138481A | G | 0.2295 | 3960 |

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| 7 chrB4.374346A | G | 0.1037 | 3888 |
| 7 chrUn26.2597G | A | 0.01623 | 3882 |
| 7 chrB4.375197A | G | 0.4194 | 3934 |
| 7 chrB4.376833G | A | 0.04326 | 3930 |
| 7 chrB4.377331G | A | 0.4335 | 3998 |
| 7 chrB4.389799A | G | 0.116 | 4000 |
| 7 chrB4.389652A | G | 0.4909 | 3964 |
| 7 chrB4.378222A | G | 0.1191 | 4006 |
| 7 chrB4.378522G | A | 0.4637 | 3990 |
| 7 chrB4.378672A | G | 0.007481 | 4010 |
| 7 chrB4.378997A | C | 0.1194 | 3988 |
| 7 chrB4.379249A | G | 0.009731 | 4008 |
| 7 chrB4.379601A | C | 0.1588 | 4004 |
| 7 chrB4.380058A | G | 0.02722 | 3968 |
| 7 chrUn.693507C | A | 0.01771 | 4008 |
| 7 chrB4.380632G | A | 0.165 | 3988 |
| 7 chrB4.220199A | G | 0.02142 | 3968 |
| 7 chrB4.220601A | C | 0.1361 | 4004 |
| 7 chrB4.561320A | G | 0.0708 | 3870 |
| 7 chrB4.561830G | A | 0.00804 | 3980 |
| 7 chrB4.562273A | G | 0.334 | 3994 |
| 7 chrB4.221958C | A | 0.3332 | 3986 |
| 7 chrB4.222229A | G | 0.2999 | 4002 |
| 7 chrB4.222719A | G | 0.1636 | 4004 |
| 7 chrB4.223142A | G | 0.3283 | 4002 |
| 7 chrB4.224020G | A | 0.1204 | 4002 |
| 7 chrB4.224338G | A | 0.08996 | 4002 |
| 7 chrB4.225156A | G | 0.3544 | 3996 |
| 7 chrB4.225948A | C | 0.1718 | 4000 |
| 7 chrB4.227248G | A | 0.1957 | 3970 |
| 7 chrB4.227567C | A | 0.1399 | 3982 |
| 7 chrB4.227820A | G | 0.1972 | 3966 |
| 7 chrB4.228056G | A | 0.2262 | 3996 |
| 7 chrB4.228463A | G | 0.4446 | 3824 |
| 7 chrB4.229341A | G | 0.3267 | 4000 |
| 7 chrB4.229973A | G | 0.3626 | 4004 |
| 7 chrB4.230225A | G | 0.1699 | 3996 |
| 7 chrB4.230634A | G | 0.07154 | 3984 |
| 7 chrB4.231095C | A | 0.3884 | 3934 |
| 7 chrB4.231670A | G | 0.03573 | 4002 |
| 7 chrUn26.8177A | G | 0.1927 | 4006 |

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| 7 chrB4.232615A | G | 0.4182 | 3938 |
| 7 chrB4.233016A | G | 0.2072 | 3968 |
| 7 chrB4.234104G | A | 0.4115 | 4000 |
| 7 chrB4.234674A | G | 0.446 | 4000 |
| 7 chrB4.235044C | A | 0.1922 | 3970 |
| 7 chrB4.235297G | A | 0.005492 | 4006 |
| 7 chrB4.235338A | G | 0.289 | 3914 |
| 7 chrB4.235595A | G | 0.03323 | 4002 |
| 7 chrB4.236225G | A | 0.08891 | 4004 |
| 7 chrB4.236608C | A | 0.4955 | 3990 |
| 7 chrB4.237108A | G | 0.1144 | 4004 |
| 7 chrB4.237530A | G | 0.1961 | 3988 |
| 7 chrB4.237885A | G | 0.2349 | 4002 |
| 7 chrB4.238315G | A | 0.09175 | 3978 |
| 7 chrB4.238582G | A | 0.3582 | 3998 |
| 7 chrB4.238828A | C | 0.2566 | 3998 |
| 7 chrB4.239217A | G | 0.04568 | 4006 |
| 7 chrB4.239656A | G | 0.07346 | 4002 |
| 7 chrB4.240004C | A | 0.04591 | 4008 |
| 7 chrB4.240516G | A | 0.02794 | 4008 |
| 7 chrB4.240849G | A | 0.3127 | 3998 |
| 7 chrB4.241646A | G | 0.3953 | 3984 |
| 7 chrB4.241938A | G | 0.3768 | 4002 |
| 7 chrB4.242378A | G | 0.1317 | 4002 |
| 7 chrB4.243055G | A | 0.3585 | 4000 |
| 7 chrB4.243545C | A | 0.2237 | 3992 |
| 7 chrB4.243801A | C | 0.3653 | 3964 |
| 7 chrB4.244730A | C | 0.4323 | 3960 |
| 7 chrB4.244752A | G | 0.1451 | 4004 |
| 7 chrB4.245110G | A | 0.3637 | 3998 |
| 7 chrB4.245635A | C | 0.2685 | 4004 |
| 7 chrB4.246014G | A | 0.471 | 3994 |
| 7 chrUn.258690A | G | 0.2662 | 4004 |
| 7 chrB4.246391A | G | 0.247 | 4008 |
| 7 chrB4.246664A | G | 0.3284 | 3952 |
| 7 chrB4.247042G | A | 0.04311 | 3990 |
| 7 chrB4.247329G | A | 0.315 | 3968 |
| 7 chrB4.248309C | A | 0.0935 | 4000 |
| 7 chrB4.248935C | A | 0.165 | 3994 |
| 7 chrB4.249205A | G | 0.4465 | 3922 |
| 7 chrB4.249357A | G | 0.06209 | 4010 |

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| 7 chrB4.250097G | A | 0.2556 | 4002 |
| 7 chrB4.250604C | A | 0.07809 | 4008 |
| 7 chrB4.250713G | A | 0.07772 | 3976 |
| 7 chrB4.250907G | A | 0.04253 | 3880 |
| 7 chrB4.251213G | A | 0.1178 | 4008 |
| 7 chrB4.251499G | A | 0.08142 | 4004 |
| 7 chrB4.252500G | A | 0.08964 | 3938 |
| 7 chrB4.252873G | A | 0.2278 | 4000 |
| 7 chrB4.253118A | G | 0.4089 | 3942 |
| 7 chrB4.253298C | A | 0.1402 | 4000 |
| 7 chrB4.253838A | G | 0.3424 | 3914 |
| 7 chrB4.254264A | G | 0.09025 | 3978 |
| 7 chrB4.254789A | G | 0.4449 | 3922 |
| 7 chrB4.255182G | A | 0.4545 | 3714 |
| 7 chrB4.255496A | G | 0.1185 | 4000 |
| 7 chrB4.255738G | A | 0.411 | 3978 |
| 7 chrB4.256270A | G | 0.1191 | 3778 |
| 7 chrB4.256512G | A | 0.1724 | 3980 |
| 7 chrB4.257074C | A | 0.4737 | 3996 |
| 7 chrB4.257413G | A | 0.1506 | 3998 |
| 7 chrB4.257833G | A | 0.3472 | 3998 |
| 7 chrB4.258208A | G | 0.4867 | 3996 |
| 7 chrB4.258472A | G | 0.2315 | 3848 |
| 7 chrB4.259546G | A | 0.1471 | 3998 |
| 7 chrB4.260075G | A | 0.1705 | 3988 |
| 7 chrB4.260454G | A | 0.2869 | 3974 |
| 7 chrB4.260833G | A | 0.06518 | 3820 |
| 7 chrB4.261596A | C | 0.08446 | 3990 |
| 7 chrB4.262210A | G | 0.3774 | 3816 |
| 7 chrB4.262748G | A | 0.001005 | 3980 |
| 7 chrB4.262756A | C | 0.2475 | 3988 |
| 7 chrB4.263451G | A | 0.2477 | 3964 |
| 7 chrB4.264151A | G | 0.3331 | 3978 |
| 7 chrB4.264448A | G | 0.2286 | 3770 |
| 7 chrB4.264757A | G | 0.3804 | 4006 |
| 7 chrB4.265279G | A | 0.3696 | 4002 |
| 7 chrB4.265552A | G | 0.1034 | 3608 |
| 7 chrB4.266260G | A | 0.2124 | 3870 |
| 7 chrUn.218641G | A | 0.3517 | 3992 |
| 7 chrB4.266833A | G | 0.2964 | 3994 |
| 7 chrB4.267230A | G | 0.2692 | 4008 |

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| 7 chrB4.395680A | G | 0.217 | 3954 |
| 7 chrB4.267553C | A | 0.114 | 4000 |
| 7 chrB4.396085A | G | 0.2092 | 3938 |
| 7 chrB4.396528A | G | 0.2733 | 3952 |
| 7 chrB4.396770A | C | 0.277 | 3902 |
| 7 chrB4.397317A | G | 0.2869 | 3876 |
| 7 chrB4.397699G | A | 0.1535 | 3922 |
| 7 chrB4.398949A | G | 0.3278 | 3752 |
| 7 chrB4.399113A | G | 0.2737 | 3986 |
| 7 chrB4.400112A | G | 0.1852 | 3732 |
| 7 chrB4.400424A | G | 0.08442 | 4004 |
| 7 chrB4.400738G | A | 0.1362 | 4002 |
| 7 chrB4.401129A | G | 0.1126 | 3996 |
| 7 chrB4.401402G | A | 0.4249 | 3996 |
| 7 chrB4.403339G | A | 0.2001 | 3954 |
| 7 chrB4.403805G | A | 0.4623 | 4010 |
| 7 chrB4.404221G | A | 0.2157 | 3950 |
| 7 chrB4.404710G | A | 0.07271 | 4002 |
| 7 chrB4.405000A | G | 0.1507 | 3996 |
| 7 chrB4.405292A | G | 0.176 | 3982 |
| 7 chrB4.405606A | G | 0.07909 | 4008 |
| 7 chrB4.406107G | A | 0.0993 | 4008 |
| 7 chrB4.406352A | G | 0.1382 | 4002 |
| 7 chrB4.406589A | G | 0.1686 | 4004 |
| 7 chrB4.406832G | A | 0.1548 | 4000 |
| 7 chrB4.407304A | G | 0.06316 | 4006 |
| 7 chrB4.407817G | A | 0.1659 | 4002 |
| 7 chrB4.408316G | A | 0.009481 | 4008 |
| 7 chrB4.408559C | A | 0.1319 | 3882 |
| 7 chrB4.408917A | G | 0.02597 | 4004 |
| 7 chrB4.409228G | A | 0.1415 | 3994 |
| 7 chrB4.409960G | A | 0.4406 | 4006 |
| 7 chrB4.410350G | A | 0.2362 | 4010 |
| 7 chrB4.410938G | A | 0.0645 | 4000 |
| 7 chrB4.411086A | G | 0.4885 | 3998 |
| 7 chrB4.411332A | G | 0.1103 | 4000 |
| 7 chrB4.411587A | G | 0.1888 | 4000 |
| 7 chrB4.411835G | A | 0.4591 | 4006 |
| 7 chrB4.412283C | A | 0.03965 | 3960 |
| 7 chrB4.412523A | G | 0.04707 | 3888 |
| 7 chrB4.413077A | G | 0.1359 | 4004 |

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| 7 chrB4.413342 | G | A | 0.4913 | 4006 |
| 7 chrB4.413789 | A | G | 0.04284 | 3992 |
| 7 chrB4.414138 | G | A | 0.1507 | 3988 |
| 7 chrB4.414476 | A | G | 0.2333 | 3862 |
| 7 chrB4.414751 | A | G | 0.2491 | 3922 |
| 7 chrB4.415090 | A | G | 0.1547 | 4002 |
| 7 chrB4.415520 | A | G | 0.05172 | 4002 |
| 7 chrB4.416336 | A | G | 0.1693 | 4004 |
| 7 chrB4.416668 | A | G | 0.2328 | 3982 |
| 7 chrB4.417158 | A | G | 0.2236 | 3998 |
| 7 chrB4.417642 | A | G | 0.3914 | 4006 |
| 7 chrB4.418541 | G | A | 0.0527 | 4004 |
| 7 chrB4.418871 | G | A | 0.3863 | 3888 |
| 7 chrB4.419630 | G | A | 0.2931 | 3992 |
| 7 chrB4.419940 | A | G | 0.03993 | 3932 |
| 7 chrB4.419962 | A | G | 0.0005023 | 3982 |
| 7 chrB4.420236 | A | G | 0.388 | 3974 |
| 7 chrB4.420241 | A | G | 0.02671 | 4006 |
| 7 chrB4.420614 | A | G | 0.1472 | 4002 |
| 7 chrB4.421000 | G | A | 0.4083 | 4000 |
| 7 chrB4.421347 | A | G | 0.04592 | 3942 |
| 7 chrB4.422186 | A | G | 0.2305 | 4004 |
| 7 chrF2.832949 | G | A | 0.4921 | 3918 |
| 7 chrB4.422885 | A | G | 0.05015 | 3988 |
| 7 chrB4.423256 | A | G | 0.342 | 3816 |
| 7 chrB4.423564 | G | A | 0.3789 | 3988 |
| 7 chrB4.423814 | A | G | 0.375 | 4008 |
| 7 chrB4.424134 | G | A | 0.2411 | 3986 |
| 7 chrB4.424628 | A | G | 0.07154 | 3998 |
| 7 chrB4.425098 | A | G | 0.01447 | 4008 |
| 7 chrUn2.15963 | G | A | 0.03671 | 4004 |
| 7 chrUn2.15263 | G | A | 0.02481 | 3910 |
| 7 chrUn.588341 | A | G | 0.1502 | 3894 |
| 7 chrUn2.14113 | A | G | 0.4573 | 4006 |
| 7 chrC2.156874 | G | A | 0.4905 | 3982 |
| 7 chrUn2.13753 | G | A | 0.3836 | 4004 |
| 7 chrUn2.12943 | A | C | 0.01123 | 4006 |
| 7 chrUn2.12704 | A | C | 0.4459 | 3994 |
| 7 chrUn2.12363 | G | A | 0.01274 | 4002 |
| 7 chrUn2.12040 | G | A | 0.3997 | 3960 |
| 7 chrUn2.11753 | G | A | 0.08254 | 3986 |

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| 7 chrUn2.1064 | A | G | 0.2384 | 4006 |
| 7 chrUn2.1027 | A | G | 0.3095 | 4000 |
| 7 chrUn2.9796 | G | A | 0.09384 | 3996 |
| 7 chrUn2.9555 | G | A | 0.4286 | 4004 |
| 7 chrUn2.9165 | G | A | 0.4039 | 3994 |
| 7 chrUn2.8826 | G | A | 0.3152 | 3998 |
| 7 chrUn2.8551 | A | G | 0.2537 | 4008 |
| 7 chrUn2.8000 | A | G | 0.009819 | 3972 |
| 7 chrUn2.7846 | | 0 C | 0 | 4010 |
| 7 chrUn2.6847 | G | A | 0.01268 | 3944 |
| 7 chrUn2.6667 | G | A | 0.0303 | 3994 |
| 7 chrUn2.6261 | A | G | 0.2372 | 3996 |
| 7 chrUn2.6008 | A | G | 0.00699 | 4006 |
| 7 chrUn2.5642 | A | C | 0.031 | 4000 |
| 7 chrUn2.4405 | A | G | 0.2609 | 3914 |
| 7 chrUn2.3979 | A | G | 0.2955 | 3990 |
| 7 chrUn2.3733 | A | G | 0.1578 | 3986 |
| 7 chrUn2.3439 | A | G | 0.2393 | 4004 |
| 7 chrUn2.3028 | G | A | 0.1566 | 3992 |
| 7 chrUn2.2787 | A | G | 0.03373 | 4002 |
| 7 chrUn2.2437 | A | G | 0.2532 | 4004 |
| 7 chrUn.33691 | A | G | 0.1562 | 3982 |
| 7 chrUn2.2185 | A | G | 0.2969 | 4002 |
| 7 chrUn2.1864 | A | G | 0.2962 | 3994 |
| 7 chrUn2.1293 | A | G | 0.2386 | 3994 |
| 7 chrUn2.9349 | G | A | 0.00399 | 4010 |
| 7 chrUn2.5750 | A | G | 0.1116 | 4004 |
| 7 chrUn9.5244 | | 0 C | 0 | 3960 |
| 7 chrUn.47358 | G | A | 0.163 | 3914 |
| 7 chrUn2.7273 | A | C | 0.007243 | 4004 |
| 7 chrUn.50388 | A | C | 0.2514 | 3660 |
| 7 chrUn27.812 | G | A | 0.003782 | 3966 |
| 7 chrUn27.778 | | 0 G | 0 | 4008 |
| 7 chrUn27.753 | A | G | 0.03771 | 3978 |
| 7 chrUn27.697 | A | G | 0.2566 | 4006 |
| 7 chrUn27.649 | A | C | 0.001767 | 3962 |
| 7 chrUn27.598 | A | G | 0.2619 | 4006 |
| 7 chrUn27.567 | A | G | 0.1027 | 3894 |
| 7 chrUn27.531 | G | A | 0.1697 | 3978 |
| 7 chrUn27.485 | G | A | 0.2695 | 3982 |
| 7 chrUn27.415 | A | G | 0.3739 | 4004 |

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| 7 chrUn27.3461A | G | 0.2633 | 3996 |
| 7 chrUn27.2481A | G | 0.1439 | 4004 |
| 7 chrUn27.2111G | A | 0.2293 | 4004 |
| 7 chrUn27.1741G | A | 0.1039 | 4004 |
| 7 chrUn27.1441C | A | 0.2342 | 3984 |
| 7 chrUn27.9511G | A | 0.1099 | 4004 |
| 7 chrUn27.6871A | G | 0.459 | 3898 |
| 7 chrB4.425728A | G | 0.2769 | 3998 |
| 7 chrB4.426009A | G | 0.02473 | 4004 |
| 7 chrB4.426614G | A | 0.3831 | 3996 |
| 7 chrB4.427253G | A | 0.458 | 4002 |
| 7 chrB4.428126G | A | 0.4196 | 4004 |
| 7 chrB4.428369A | G | 0.2028 | 3984 |
| 7 chrX.9739722C | A | 0.4369 | 3662 |
| 7 chrB4.428651A | G | 0.4985 | 4002 |
| 7 chrB4.429210A | G | 0.03873 | 4002 |
| 7 chrB4.429367A | G | 0.08987 | 4006 |
| 7 chrB4.429919G | A | 0.05226 | 3942 |
| 7 chrB4.430390C | A | 0.4514 | 3994 |
| 7 chrB4.430676A | G | 0.3549 | 4004 |
| 7 chrB4.431038A | G | 0.1138 | 4006 |
| 7 chrB4.431086A | G | 0.2957 | 3960 |
| 7 chrB4.431306A | G | 0.3166 | 3992 |
| 7 chrB4.431642A | G | 0.3101 | 4002 |
| 7 chrB4.431912A | C | 0.04244 | 4006 |
| 7 chrB4.432518A | C | 0.03763 | 3960 |
| 7 chrB4.432966A | G | 0.02521 | 4006 |
| 7 chrB4.433230A | G | 0.04273 | 4002 |
| 7 chrB4.433500A | G | 0.3502 | 4006 |
| 7 chrB4.434001G | A | 0.2184 | 4002 |
| 7 chrB4.434420C | A | 0.006006 | 3996 |
| 7 chrB4.435096A | G | 0.2691 | 3998 |
| 7 chrB4.435412G | A | 0.3618 | 4002 |
| 7 chrB4.435756G | A | 0.1508 | 4006 |
| 7 chrB4.436290A | G | 0.006487 | 4008 |
| 7 chrB4.437194G | A | 0.4319 | 3996 |
| 7 chrB4.437845G | A | 0.06626 | 3758 |
| 7 chrB4.438169G | A | 0.1427 | 4002 |
| 7 chrB4.438613A | G | 0.01873 | 4004 |
| 7 chrB4.439550G | A | 0.1579 | 3984 |
| 7 chrB4.440014G | A | 0.03577 | 3830 |

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| 7 chrB4.440197A | G | 0.03846 | 4004 |
| 7 chrB4.440519A | G | 0.1036 | 3986 |
| 7 chrB4.440861G | A | 0.3183 | 4002 |
| 7 chrB4.441153G | A | 0.3625 | 3994 |
| 7 chrB4.441596G | A | 0.01174 | 4002 |
| 7 chrB4.453774G | A | 0.01126 | 3996 |
| 7 chrB4.442418G | A | 0.07589 | 4006 |
| 7 chrB4.442864G | A | 0.03769 | 4006 |
| 7 chrB4.443629C | A | 0.02546 | 3928 |
| 7 chrB4.443896A | C | 0.224 | 3996 |
| 7 chrB4.444163G | A | 0.3876 | 3984 |
| 7 chrB4.444459A | G | 0.08775 | 4000 |
| 7 chrB4.445010A | C | 0.2291 | 4002 |
| 7 chrB4.445498G | A | 0.26 | 4008 |
| 7 chrB4.445669G | A | 0.0482 | 4004 |
| 7 chrB4.446521A | G | 0.404 | 4000 |
| 7 chrB4.447115A | G | 0.02748 | 3784 |
| 7 chrB4.447628G | A | 0.02618 | 4010 |
| 7 chrB4.448341G | A | 0.46 | 3928 |
| 7 chrB4.448589A | G | 0.4652 | 3932 |
| 7 chrB4.449179G | A | 0.05216 | 3988 |
| 7 chrB4.449594C | A | 0.285 | 3874 |
| 7 chrB4.450024C | A | 0.4892 | 3982 |
| 7 chrB4.450412A | G | 0.2798 | 3992 |
| 7 chrB4.450691A | G | 0.3329 | 3998 |
| 7 chrB4.451143G | A | 0.463 | 3946 |
| 7 chrB4.451589A | G | 0.02744 | 3972 |
| 7 chrB4.451883A | C | 0.4963 | 4000 |
| 7 chrB4.452487G | A | 0.2432 | 4000 |
| 7 chrB4.452780A | G | 0.3512 | 3972 |
| 7 chrB4.453043G | A | 0.3832 | 4000 |
| 7 chrB4.453331G | A | 0.2619 | 3994 |
| 7 chrB4.453714G | A | 0.0487 | 4004 |
| 7 chrB4.454364G | A | 0.4997 | 3964 |
| 7 chrB4.454703A | G | 0.4647 | 3996 |
| 7 chrB4.455461A | G | 0.464 | 4002 |
| 7 chrB4.455810A | G | 0.06191 | 4006 |
| 7 chrB4.456669A | G | 0.08017 | 4004 |
| 7 chrB4.457716G | A | 0.1936 | 3998 |
| 7 chrB4.458033G | A | 0.2211 | 4002 |
| 7 chrB4.458565G | A | 0.07589 | 4006 |

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| 7 chrB2.647882G | A | 0.2404 | 3976 |
| 7 chrB4.458838G | A | 0.06038 | 4008 |
| 7 chrB4.459352C | A | 0.426 | 4000 |
| 7 chrB4.459842A | G | 0.1555 | 3974 |
| 7 chrB4.460781G | A | 0.3131 | 4002 |
| 7 chrB4.461084A | C | 0.4267 | 4000 |
| 7 chrB4.461586A | G | 0.4493 | 3982 |
| 7 chrB4.462318A | G | 0.02022 | 4006 |
| 7 chrB4.462507A | G | 0.3765 | 3992 |
| 7 chrB4.462815G | A | 0.4484 | 4008 |
| 7 chrB4.463606C | A | 0.01626 | 3998 |
| 7 chrB4.463618A | G | 0.2319 | 4002 |
| 7 chrB4.463980A | C | 0.428 | 4002 |
| 7 chrB4.464589A | G | 0.3874 | 3996 |
| 7 chrB4.464917G | A | 0.06871 | 3988 |
| 7 chrB4.465196G | A | 0.4747 | 3988 |
| 7 chrB4.465625G | A | 0.1897 | 4006 |
| 7 chrB4.465877A | G | 0.03416 | 4010 |
| 7 chrB4.466304A | G | 0.0637 | 3862 |
| 7 chrB4.466608A | G | 0.1991 | 3958 |
| 7 chrB4.466938G | A | 0.4888 | 4002 |
| 7 chrB4.467232A | C | 0.1987 | 4006 |
| 7 chrB4.467614G | A | 0.4303 | 4004 |
| 7 chrB4.468186A | G | 0.1954 | 4002 |
| 7 chrB4.468445A | G | 0.08639 | 3924 |
| 7 chrB4.468545A | C | 0.02819 | 4008 |
| 7 chrB4.468720A | G | 0.04404 | 3996 |
| 7 chrB4.468996A | G | 0.265 | 3996 |
| 7 chrB4.469392G | A | 0.2577 | 4008 |
| 7 chrB4.469764A | G | 0.2678 | 3996 |
| 7 chrB4.470299A | G | 0.2368 | 4004 |
| 7 chrB4.470555C | A | 0.3335 | 3994 |
| 7 chrB4.471114C | A | 0.3038 | 3822 |
| 7 chrB4.471496G | A | 0.1793 | 3998 |
| 7 chrB4.471971A | G | 0.2421 | 4006 |
| 7 chrB4.472257A | G | 0.1913 | 3968 |
| 7 chrB4.472909G | A | 0.01223 | 4008 |
| 7 chrB4.473496A | G | 0.3415 | 4006 |
| 7 chrB4.474386C | A | 0.2819 | 3962 |
| 7 chrB4.474746A | G | 0.3524 | 3976 |
| 7 chrB4.475446A | G | 0.2068 | 4004 |

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| 7 chrB4.476472G | A | 0.1641 | 4010 |
| 7 chrB4.476858A | G | 0.3265 | 3942 |
| 7 chrB4.477495A | G | 0.443 | 3984 |
| 7 chrB4.477858A | G | 0.0342 | 4006 |
| 7 chrB4.479180A | G | 0.3344 | 3974 |
| 7 chrB4.480008A | G | 0.06793 | 4004 |
| 7 chrB4.480578A | G | 0.06072 | 4002 |
| 7 chrB4.480735A | G | 0.04238 | 3988 |
| 7 chrB4.481476G | A | 0.1294 | 4002 |
| 7 chrB4.481729C | A | 0.07842 | 4004 |
| 7 chrB4.481972A | G | 0.03505 | 3880 |
| 7 chrB4.482287A | G | 0.06 | 4000 |
| 7 chrB3.130461A | G | 0.2001 | 4002 |
| 7 chrB4.482822A | G | 0.5 | 4002 |
| 7 chrB4.483235A | G | 0.2611 | 3980 |
| 7 chrB4.484127C | A | 0.3655 | 3792 |
| 7 chrB4.484708G | A | 0.3379 | 3998 |
| 7 chrB4.484956A | G | 0.2496 | 4002 |
| 7 chrB4.485959A | G | 0.3993 | 3982 |
| 7 chrB4.486355G | A | 0.3455 | 3994 |
| 7 chrB4.486962A | G | 0.0825 | 4000 |
| 7 chrB4.487378A | G | 0.2505 | 4004 |
| 7 chrB4.488426A | G | 0.06428 | 3998 |
| 7 chrB4.489255C | A | 0.09426 | 4010 |
| 7 chrB4.489822A | G | 0.08129 | 3998 |
| 7 chrB4.490160A | G | 0.04158 | 3896 |
| 7 chrB4.490421A | C | 0.04768 | 4006 |
| 7 chrB4.490811A | G | 0.05719 | 3864 |
| 7 chrB4.491262A | G | 0.06637 | 4008 |
| 7 chrB4.491706G | A | 0.05617 | 4006 |
| 7 chrB4.491976A | G | 0.1872 | 4000 |
| 7 chrB4.492294G | A | 0.3527 | 3998 |
| 7 chrB4.492634A | G | 0.1412 | 4000 |
| 7 chrB4.492985C | A | 0.1491 | 4004 |
| 7 chrB4.493445A | G | 0.114 | 3992 |
| 7 chrB4.493807A | G | 0.4383 | 4002 |
| 7 chrB4.494125A | C | 0.157 | 4006 |
| 7 chrB4.494668G | A | 0.08766 | 4004 |
| 7 chrB4.495155A | G | 0.2911 | 3988 |
| 7 chrB4.495490C | A | 0.41 | 3978 |
| 7 chrB4.496352G | A | 0.1712 | 3984 |

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| 7 chrB4.497043A | G | 0.07139 | 4006 |
| 7 chrB4.497396A | G | 0.3668 | 3972 |
| 7 chrB4.497624A | G | 0.000502 | 3984 |
| 7 chrB4.497770A | G | 0.1132 | 3984 |
| 7 chrB4.498801A | C | 0.06807 | 3996 |
| 7 chrB4.499290A | G | 0.2621 | 4002 |
| 7 chrB4.499794G | A | 0.4985 | 3942 |
| 7 chrB4.500050A | G | 0.2018 | 3994 |
| 7 chrB4.500533A | G | 0.3297 | 3994 |
| 7 chrB4.501042A | C | 0.08668 | 3980 |
| 7 chrB4.501447A | G | 0.05192 | 4006 |
| 7 chrB4.502017A | G | 0.1354 | 3996 |
| 7 chrB4.502399A | G | 0.2209 | 3974 |
| 7 chrB4.503147A | G | 0.4707 | 3962 |
| 7 chrB4.503412A | G | 0.471 | 3998 |
| 7 chrB4.503713G | A | 0.1304 | 3980 |
| 7 chrB4.504032G | A | 0.1343 | 4006 |
| 7 chrB4.504386 | 0 G | 0 | 4008 |
| 7 chrB4.504458A | G | 0.3153 | 3984 |
| 7 chrB4.504757A | G | 0.4844 | 3966 |
| 7 chrB4.505537G | A | 0.4586 | 3990 |
| 7 chrB4.505626A | G | 0.1295 | 3970 |
| 7 chrB4.505814A | G | 0.1905 | 3984 |
| 7 chrB4.506315A | G | 0.2659 | 3994 |
| 7 chrB4.506724A | G | 0.195 | 4010 |
| 7 chrB4.506984A | G | 0.3427 | 3974 |
| 7 chrB4.507347A | G | 0.1034 | 3848 |
| 7 chrB4.507768A | C | 0.4205 | 3998 |
| 7 chrB4.508338C | A | 0.124 | 3670 |
| 7 chrB4.509227G | A | 0.1315 | 4000 |
| 7 chrB4.509789G | A | 0.4218 | 3992 |
| 7 chrB4.510184G | A | 0.03092 | 4010 |
| 7 chrB4.510272G | A | 0.08425 | 4000 |
| 7 chrB4.510852C | A | 0.02919 | 4008 |
| 7 chrB4.511387 | 0 G | 0 | 4008 |
| 7 chrB4.511972A | G | 0.3701 | 3996 |
| 7 chrB4.512377C | A | 0.012 | 4000 |
| 7 chrB4.513960G | A | 0.08108 | 3996 |
| 7 chrB4.514326G | A | 0.2122 | 4006 |
| 7 chrB4.514800C | A | 0.1768 | 3998 |
| 7 chrB4.515100C | A | 0.08671 | 4002 |

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| 7 chrB4.516146 | 0 A | 0 | 4008 |
| 7 chrB4.516763 G | A | 0.4593 | 3984 |
| 7 chrB4.517228 A | G | 0.1188 | 3924 |
| 7 chrB4.517976 A | G | 0.04498 | 4002 |
| 7 chrB4.518225 G | A | 0.2582 | 3986 |
| 7 chrB4.518610 A | G | 0.3821 | 4004 |
| 7 chrB4.519032 A | G | 0.04064 | 3962 |
| 7 chrB4.519828 A | G | 0.06309 | 4010 |
| 7 chrB4.519404 G | A | 0.4068 | 3864 |
| 7 chrB4.520215 A | G | 0.1923 | 4000 |
| 7 chrB4.520463 A | G | 0.06419 | 4004 |
| 7 chrB4.520971 G | A | 0.1073 | 3998 |
| 7 chrB4.521293 A | G | 0.1233 | 3958 |
| 7 chrX.8124827 A | G | 0.2487 | 4000 |
| 7 chrE2.225248 G | A | 0.1361 | 3982 |
| 7 chrE2.224439 A | G | 0.1517 | 3910 |
| 7 chrE2.223746 G | A | 0.2436 | 3986 |
| 7 chrE2.223068 A | G | 0.3017 | 3968 |
| 7 chrB4.523438 A | G | 0.08912 | 4006 |
| 7 chrE2.221398 G | A | 0.4203 | 3990 |
| 7 chrE2.220674 G | A | 0.3783 | 4002 |
| 7 chrF2.632081 A | G | 0.4124 | 3996 |
| 7 chrB4.525329 G | A | 0.428 | 4002 |
| 7 chrUn.135599 G | A | 0.2519 | 3990 |
| 7 chrB4.525747 A | C | 0.3023 | 3936 |
| 7 chrB4.526234 A | G | 0.3539 | 3976 |
| 7 chrB4.526566 A | G | 0.1169 | 4004 |
| 7 chrB4.527335 G | A | 0.07633 | 3996 |
| 7 chrB4.527711 C | A | 0.16 | 3994 |
| 7 chrB4.528639 A | G | 0.1957 | 3996 |
| 7 chrB4.529069 A | G | 0.4167 | 3998 |
| 7 chrB4.529631 C | A | 0.4408 | 3986 |
| 7 chrB4.529719 G | A | 0.2172 | 3982 |
| 7 chrB4.530061 G | A | 0.2055 | 3844 |
| 7 chrB4.530766 G | A | 0.4982 | 3996 |
| 7 chrB4.531400 A | G | 0.2039 | 4002 |
| 7 chrB4.531765 | 0 A | 0 | 4008 |
| 7 chrB4.532028 A | G | 0.1484 | 4004 |
| 7 chrB4.532787 A | G | 0.3162 | 3982 |
| 7 chrUn.145931 C | A | 0.01098 | 4008 |
| 7 chrB4.533054 A | G | 0.1857 | 4002 |

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| 7 chrUn1.81001A | G | 0.3638 | 4002 |
| 7 chrB4.533373A | G | 0.3297 | 3986 |
| 7 chrB4.533905C | A | 0.08876 | 3684 |
| 7 chrE1.671459A | G | 0.04312 | 3850 |
| 7 chrB4.535374G | A | 0.4511 | 3984 |
| 7 chrB4.535693A | G | 0.01591 | 3834 |
| 7 chrB4.536064A | G | 0.3659 | 3670 |
| 7 chrB4.536320G | A | 0.2214 | 3998 |
| 7 chrB4.536617A | G | 0.1891 | 3898 |
| 7 chrB4.536719A | C | 0.2845 | 3698 |
| 7 chrB4.537025A | C | 0.358 | 4000 |
| 7 chrB4.537389A | G | 0.3214 | 3948 |
| 7 chrUn.629321A | C | 0.04657 | 3994 |
| 7 chrB4.537802G | A | 0.4513 | 3980 |
| 7 chrB4.538903A | G | 0.03541 | 3982 |
| 7 chrB4.539373A | G | 0.1701 | 3998 |
| 7 chrB4.539728G | A | 0.161 | 3950 |
| 7 chrB4.540053A | G | 0.4785 | 3996 |
| 7 chrB4.540614G | A | 0.1702 | 4002 |
| 7 chrB4.541238G | A | 0.3093 | 4002 |
| 7 chrB4.541630A | C | 0.2707 | 3990 |
| 7 chrB4.542187A | G | 0.04692 | 3858 |
| 7 chrB4.543489C | A | 0.07948 | 3976 |
| 7 chrB4.544956A | G | 0.4773 | 4002 |
| 7 chrB4.545731A | G | 0.08716 | 4004 |
| 7 chrB4.548702A | G | 0.02922 | 4004 |
| 7 chrB4.549176G | A | 0.3526 | 3934 |
| 7 chrB4.550498G | A | 0.001995 | 4010 |
| 7 chrB4.550612A | G | 0.4962 | 3976 |
| 7 chrB4.550911C | A | 0.2505 | 3984 |
| 7 chrB4.551204G | A | 0.1725 | 3988 |
| 7 chrUn.808090C | A | 0.31 | 3990 |
| 7 chrB4.552617A | G | 0.2209 | 4002 |
| 7 chrB4.552641G | A | 0.05275 | 4000 |
| 7 chrB4.553090A | G | 0.3748 | 4002 |
| 7 chrB4.553515A | G | 0.1087 | 3882 |
| 7 chrB4.553964A | G | 0.05511 | 4010 |
| 7 chrB4.554546A | G | 0.243 | 4000 |
| 7 chrB4.554997G | A | 0.3367 | 4000 |
| 7 chrB4.555269G | A | 0.1345 | 4008 |
| 7 chrB4.555796A | G | 0.4079 | 3996 |

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| 7 chrB4.55646C | A | G | 0.004988 | 4010 |
| 7 chrB1.22425E | A | G | 0.224 | 3982 |
| 7 chrB1.22430E | A | G | 0.4925 | 4002 |
| 7 chrB1.224391A | | G | 0.08525 | 4000 |
| 7 chrB4.55813E | G | A | 0.4578 | 4002 |
| 7 chrE2.59199E | A | G | 0.02422 | 3840 |
| 7 chrB4.55873C | | A | 0.09843 | 3810 |
| 7 chrB4.559817C | | A | 0.4969 | 3932 |
| 7 chrB4.56023E | A | G | 0.1885 | 3820 |
| 7 chrB4.560727C | | A | 0.1844 | 3996 |
| 7 chrB4.560997A | | C | 0.1185 | 3940 |
| 7 chrB4.562791A | | G | 0.09057 | 4008 |
| 7 chrB4.563121G | | A | 0.3553 | 3988 |
| 7 chrB4.563412A | | G | 0.2463 | 4004 |
| 7 chrB4.56389E | G | A | 0.1158 | 4006 |
| 7 chrB4.564372A | | G | 0.1444 | 4002 |
| 7 chrB4.56462C | | G | 0.3211 | 3986 |
| 7 chrB4.565162A | | G | 0.1204 | 3988 |
| 7 chrB4.56562E | A | G | 0.1926 | 4008 |
| 7 chrB4.56607E | A | C | 0.09637 | 3964 |
| 7 chrB4.56647E | A | G | 0.05475 | 3872 |
| 7 chrB4.56679E | G | A | 0.2444 | 4002 |
| 7 chrB4.56718E | G | A | 0.2752 | 4008 |
| 7 chrB4.56759E | G | A | 0.3697 | 3992 |
| 7 chrB4.56790E | A | G | 0.06893 | 4004 |
| 7 chrB4.568152 | | 0 A | 0 | 4004 |
| 7 chrB4.568417A | | C | 0.3031 | 4002 |
| 7 chrB4.56871E | A | G | 0.4253 | 4000 |
| 7 chrB4.56901E | A | G | 0.4032 | 3998 |
| 7 chrB4.57022E | A | G | 0.4153 | 3824 |
| 7 chrB4.57057E | G | A | 0.3338 | 3996 |
| 7 chrB4.57101C | | A | 0.498 | 3948 |
| 7 chrB4.57125E | A | G | 0.4555 | 3846 |
| 7 chrB4.57200E | A | G | 0.2992 | 3994 |
| 7 chrUn.60678E | G | A | 0.08946 | 4002 |
| 7 chrB4.57256E | A | G | 0.232 | 3982 |
| 7 chrB4.57309E | G | A | 0.08812 | 4006 |
| 7 chrB4.57351E | G | A | 0.06743 | 4004 |
| 7 chrB4.57377E | G | A | 0.073 | 4000 |
| 7 chrB4.57411C | | A | 0.4279 | 4006 |
| 7 chrB4.57473E | A | G | 0.4735 | 4000 |

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| 7 chrB4.575116A | G | 0.2755 | 4004 |
| 7 chrB4.575619A | G | 0.4765 | 3998 |
| 7 chrB4.575903A | G | 0.2387 | 3984 |
| 7 chrB4.576190G | A | 0.1377 | 3994 |
| 7 chrB4.576414G | A | 0.4054 | 3996 |
| 7 chrB4.576724A | G | 0.1131 | 3986 |
| 7 chrB4.576971G | A | 0.337 | 4006 |
| 7 chrB4.577422A | G | 0.04319 | 4006 |
| 7 chrB4.577751A | G | 0.1744 | 3984 |
| 7 chrB4.578054C | A | 0.1285 | 3992 |
| 7 chrB4.578551A | G | 0.2074 | 3992 |
| 7 chrB4.578816G | A | 0.1495 | 3992 |
| 7 chrB4.579242C | A | 0.04703 | 3976 |
| 7 chrB4.579972A | C | 0.2166 | 3998 |
| 7 chrB4.580277G | A | 0.1899 | 3992 |
| 7 chrB4.580616A | G | 0.1022 | 3994 |
| 7 chrB4.581214C | A | 0.489 | 4000 |
| 7 chrB4.581631G | A | 0.277 | 4004 |
| 7 chrB4.582333G | A | 0.3949 | 3960 |
| 7 chrB4.582760A | C | 0.138 | 4008 |
| 7 chrB4.583285G | A | 0.4272 | 3998 |
| 7 chrB4.583653A | G | 0.03392 | 4010 |
| 7 chrB4.584351A | G | 0.001746 | 4010 |
| 7 chrB4.584386C | A | 0.2864 | 3984 |
| 7 chrB4.584930A | G | 0.09086 | 4006 |
| 7 chrB4.585245A | G | 0.2304 | 4002 |
| 7 chrB4.586233G | A | 0.2981 | 3972 |
| 7 chrB4.586638A | G | 0.1584 | 4008 |
| 7 chrB4.587047A | G | 0.3864 | 3998 |
| 7 chrB4.587408A | G | 0.2349 | 3998 |
| 7 chrB4.588280A | G | 0.266 | 4000 |
| 7 chrB4.588574A | G | 0.05156 | 3898 |
| 7 chrB4.588883A | G | 0.1528 | 3992 |
| 7 chrB4.588908A | G | 0.4274 | 4006 |
| 7 chrB4.589145A | G | 0.357 | 3992 |
| 7 chrB4.589911A | G | 0.3714 | 3990 |
| 7 chrB4.590186G | A | 0.493 | 3984 |
| 7 chrB4.590568A | G | 0.3757 | 4008 |
| 7 chrB4.591071A | G | 0.2358 | 4008 |
| 7 chrB4.592105A | G | 0.444 | 3998 |
| 7 chrB4.592636A | G | 0.4352 | 3966 |

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| 7 chrB4.593052A | G | 0.3074 | 4004 |
| 7 chrB4.593307A | G | 0.1049 | 4004 |
| 7 chrB4.593842A | G | 0.2157 | 3996 |
| 7 chrB4.594301A | G | 0.1536 | 3926 |
| 7 chrB4.595076A | G | 0.2559 | 3990 |
| 7 chrB4.595115A | G | 0.2215 | 4000 |
| 7 chrB4.595332G | A | 0.1447 | 3968 |
| 7 chrB4.595786G | A | 0.473 | 4002 |
| 7 chrB4.595954A | G | 0.1777 | 4000 |
| 7 chrB4.596123C | A | 0.07671 | 4002 |
| 7 chrB4.596394A | G | 0.1757 | 4006 |
| 7 chrB4.597002A | G | 0.4026 | 4006 |
| 7 chrB4.597467A | G | 0.2638 | 3996 |
| 7 chrB4.597783A | G | 0.4518 | 3986 |
| 7 chrB4.599211A | G | 0.2043 | 4000 |
| 7 chrB4.599720G | A | 0.2724 | 3998 |
| 7 chrB4.600041G | A | 0.496 | 3968 |
| 7 chrB4.600384G | A | 0.4927 | 3998 |
| 7 chrB4.601161A | G | 0.4309 | 3966 |
| 7 chrB4.602060G | A | 0.3138 | 3996 |
| 7 chrB4.602375A | G | 0.08972 | 3990 |
| 7 chrB4.602674A | G | 0.4063 | 3950 |
| 7 chrB4.603291A | G | 0.2562 | 4000 |
| 7 chrB4.603634G | A | 0.09107 | 4008 |
| 7 chrB4.604123A | G | 0.3841 | 4002 |
| 7 chrB4.604489A | G | 0.172 | 3966 |
| 7 chrUn.55650(A | G | 0.473 | 3998 |
| 7 chrB4.605081A | G | 0.1482 | 3934 |
| 7 chrB4.605772G | A | 0.1811 | 3970 |
| 7 chrB4.606628G | A | 0.3934 | 4004 |
| 7 chrB4.607682A | C | 0.191 | 4006 |
| 7 chrB4.607972A | G | 0.1352 | 3802 |
| 7 chrB4.608307C | A | 0.2751 | 3962 |
| 7 chrB4.608736G | A | 0.1608 | 4004 |
| 7 chrB4.609226A | G | 0.2074 | 4006 |
| 7 chrB4.609526A | C | 0.4623 | 3930 |
| 7 chrB4.610081A | G | 0.2945 | 4000 |
| 7 chrB4.610854A | G | 0.09395 | 4002 |
| 7 chrB4.611211A | G | 0.3767 | 3998 |
| 7 chrB4.611568A | C | 0.4905 | 3998 |
| 7 chrB4.612336A | G | 0.3862 | 3944 |

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| 7 chrB4.613339A | G | 0.1013 | 3980 |
| 7 chrB4.613906A | C | 0.02267 | 3882 |
| 7 chrB4.615056A | G | 0.326 | 3994 |
| 7 chrB4.615618A | G | 0.3283 | 3978 |
| 7 chrB4.616590G | A | 0.4201 | 3932 |
| 7 chrUn.587290G | A | 0.4697 | 3990 |
| 7 chrB4.617020G | A | 0.02149 | 3908 |
| 7 chrB4.617470A | G | 0.2128 | 4004 |
| 7 chrB4.617798A | G | 0.4296 | 3990 |
| 7 chrB4.618054G | A | 0.4435 | 3980 |
| 7 chrB4.618725A | G | 0.08591 | 3946 |
| 7 chrB4.619000G | A | 0.2273 | 4004 |
| 7 chrB4.619927G | A | 0.2444 | 4002 |
| 7 chrB4.620562A | G | 0.04444 | 3848 |
| 7 chrB4.621323A | G | 0.08934 | 3996 |
| 7 chrB4.621757A | G | 0.08893 | 3992 |
| 7 chrB4.622616G | A | 0.02381 | 3990 |
| 7 chrB4.623094A | G | 0.1429 | 3996 |
| 7 chrB4.623434G | A | 0.1096 | 3996 |
| 7 chrB4.623810G | A | 0.4917 | 3988 |
| 7 chrB4.624268G | A | 0.3671 | 4004 |
| 7 chrB4.624523A | G | 0.4018 | 4002 |
| 7 chrB4.624976G | A | 0.07542 | 4004 |
| 7 chrB4.625356A | C | 0.01118 | 3846 |
| 7 chrB4.625676A | G | 0.1705 | 3818 |
| 7 chrB4.626014A | C | 0.454 | 4002 |
| 7 chrB4.626629A | G | 0.1159 | 3976 |
| 7 chrB4.627268G | A | 0.3022 | 3902 |
| 7 chrUn.637008G | A | 0.3097 | 3998 |
| 7 chrB4.627768A | G | 0.3433 | 3956 |
| 7 chrB4.628628G | A | 0.04715 | 3860 |
| 7 chrB4.628674C | A | 0.3591 | 3940 |
| 7 chrB4.628922G | A | 0.3145 | 3968 |
| 7 chrB4.629618G | A | 0.4392 | 4000 |
| 7 chrB4.630366A | G | 0.2415 | 3992 |
| 7 chrB4.630618G | A | 0.1953 | 3988 |
| 7 chrB4.630877C | A | 0.003505 | 3994 |
| 7 chrB4.631541A | G | 0.3379 | 3998 |
| 7 chrB4.631942A | G | 0.05339 | 4008 |
| 7 chrB4.632983A | G | 0.3977 | 3978 |
| 7 chrB4.633734A | G | 0.4104 | 3694 |

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| 7 chrB4.634227A | G | 0.476 | 4004 |
| 7 chrB4.634473A | C | 0.4668 | 4004 |
| 7 chrB4.634778C | A | 0.3643 | 3988 |
| 7 chrB4.635382A | G | 0.021 | 4000 |
| 7 chrB4.635762A | G | 0.2899 | 3980 |
| 7 chrB4.636171G | A | 0.3066 | 3982 |
| 7 chrB4.636819G | A | 0.1961 | 3988 |
| 7 chrB4.637439G | A | 0.08526 | 3976 |
| 7 chrB4.637591 | 0 G | 0 | 4010 |
| 7 chrB4.637774G | A | 0.1631 | 3998 |
| 7 chrB4.638062G | A | 0.127 | 3858 |
| 7 chrB4.638631A | G | 0.3743 | 3994 |
| 7 chrB4.638971G | A | 0.09355 | 3998 |
| 7 chrB4.639334A | G | 0.001997 | 4006 |
| 7 chrB4.639890A | G | 0.4895 | 3984 |
| 7 chrB4.640327A | G | 0.0937 | 4002 |
| 7 chrB4.641085A | G | 0.07143 | 3934 |
| 7 chrB4.642161A | G | 0.3115 | 3974 |
| 7 chrB4.643416C | A | 0.07791 | 3992 |
| 7 chrB4.643954C | A | 0.09306 | 4008 |
| 7 chrB4.644448G | A | 0.1329 | 3934 |
| 7 chrB4.644823A | G | 0.1963 | 3830 |
| 7 chrB4.645552A | G | 0.09155 | 3954 |
| 7 chrB4.645832G | A | 0.3337 | 3908 |
| 7 chrB4.646189A | G | 0.2984 | 3954 |
| 7 chrB4.646930G | A | 0.2094 | 3998 |
| 7 chrB4.647183G | A | 0.1097 | 4010 |
| 7 chrB4.647570A | C | 0.4191 | 3994 |
| 7 chrB4.647761A | G | 0.06724 | 3926 |
| 7 chrB4.648529G | A | 0.2653 | 3882 |
| 7 chrB4.648984C | A | 0.05317 | 4006 |
| 7 chrB4.649387C | A | 0.07679 | 3998 |
| 7 chrB4.649844A | C | 0.06113 | 4008 |
| 7 chrB4.650711A | G | 0.327 | 3988 |
| 7 chrB4.650961G | A | 0.2892 | 3766 |
| 7 chrB4.651392G | A | 0.3015 | 3974 |
| 7 chrB4.652039A | G | 0.2016 | 3944 |
| 7 chrB4.652498A | G | 0.09531 | 4008 |
| 7 chrB4.652735C | A | 0.2664 | 3900 |
| 7 chrB4.653372G | A | 0.3662 | 3856 |
| 7 chrB4.653967G | A | 0.4539 | 3994 |

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| 7 chrB4.654411A | C | 0.03669 | 4006 |
| 7 chrB4.654961A | C | 0.4019 | 3974 |
| 7 chrB4.655374G | A | 0.3442 | 3992 |
| 7 chrB4.656002G | A | 0.1879 | 4002 |
| 7 chrUn.654883G | A | 0.4515 | 3996 |
| 7 chrB4.657166A | C | 0.3121 | 3918 |
| 7 chrB4.657436A | G | 0.205 | 4010 |
| 7 chrB4.657681G | A | 0.2139 | 4002 |
| 7 chrB4.658452G | A | 0.4831 | 3968 |
| 7 chrB4.658767A | C | 0.4337 | 3996 |
| 7 chrB4.659020G | A | 0.07407 | 3942 |
| 7 chrB4.659576A | G | 0.1826 | 3986 |
| 7 chrB4.659989G | A | 0.1432 | 3966 |
| 7 chrB4.660778A | G | 0.4301 | 4006 |
| 7 chrB4.661206G | A | 0.2083 | 3942 |
| 7 chrB4.661514G | A | 0.3909 | 4004 |
| 7 chrB4.661882G | A | 0.4018 | 4004 |
| 7 chrB4.661918A | G | 0.3812 | 4006 |
| 7 chrB4.662294A | G | 0.003741 | 4010 |
| 7 chrB4.662670A | G | 0.2514 | 3974 |
| 7 chrB4.663648C | A | 0.1915 | 3964 |
| 7 chrB4.663889A | G | 0.1746 | 3980 |
| 7 chrB4.665566A | G | 0.211 | 3976 |
| 7 chrB4.664764A | C | 0.1492 | 3934 |
| 7 chrB4.665857A | G | 0.1634 | 3996 |
| 7 chrB4.665885G | A | 0.1335 | 3970 |
| 7 chrB4.669508C | A | 0.01484 | 3908 |
| 7 chrB4.669961G | A | 0.141 | 3992 |
| 7 chrUn.148653G | A | 0.1734 | 3990 |
| 7 chrB4.670346C | A | 0.2193 | 3958 |
| 7 chrB4.668121A | G | 0.126 | 3864 |
| 7 chrB4.670871 | 0 G | 0 | 4010 |
| 7 chrB4.674398C | A | 0.4059 | 3920 |
| 7 chrB4.671964A | C | 0.4014 | 3974 |
| 7 chrB4.672701A | G | 0.1938 | 3994 |
| 7 chrB4.672938G | A | 0.4198 | 4002 |
| 7 chrB4.673330A | G | 0.4329 | 3982 |
| 7 chrB4.673768A | G | 0.1549 | 3938 |
| 7 chrB4.675020G | A | 0.4737 | 3958 |
| 7 chrB4.675403A | G | 0.09944 | 3902 |
| 7 chrB4.676324A | G | 0.4046 | 3814 |

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| 7 chrB4.676646G | A | 0.4322 | 3998 |
| 7 chrB4.677022A | G | 0.4003 | 3962 |
| 7 chrUn.742731A | G | 0.4313 | 4004 |
| 7 chrB4.677889G | A | 0.001001 | 3996 |
| 7 chrA1.257524A | G | 0.3625 | 3710 |
| 7 chrB4.678411A | G | 0.3829 | 3962 |
| 7 chrB4.678719A | C | 0.4359 | 3976 |
| 7 chrB4.679234C | A | 0.05619 | 4004 |
| 7 chrB4.679492G | A | 0.01127 | 3904 |
| 7 chrB4.679875A | G | 0.04393 | 4006 |
| 7 chrB4.680122A | C | 0.4015 | 3930 |
| 7 chrB4.680434A | G | 0.2257 | 3996 |
| 7 chrB4.680765G | A | 0.3481 | 4002 |
| 7 chrB4.681178G | A | 0.2054 | 3988 |
| 7 chrB4.681287A | G | 0.4414 | 3770 |
| 7 chrB4.681415C | A | 0.1653 | 3998 |
| 7 chrB4.681722A | G | 0.07767 | 4004 |
| 7 chrB4.682144G | A | 0.01008 | 3968 |
| 7 chrB4.682440G | A | 0.18 | 4000 |
| 7 chrB4.683124A | G | 0.3992 | 4006 |
| 7 chrB4.683603G | A | 0.09424 | 3990 |
| 7 chrB4.683874G | A | 0.1734 | 3986 |
| 7 chrB4.684469G | A | 0.4516 | 3946 |
| 7 chrB4.684864G | A | 0.1439 | 4002 |
| 7 chrB4.685142G | A | 0.447 | 3946 |
| 7 chrB4.685407A | G | 0.1175 | 4008 |
| 7 chrB4.685665 | 0 A | 0 | 4006 |
| 7 chrB4.685928C | A | 0.186 | 4000 |
| 7 chrB4.686065A | G | 0.06722 | 3972 |
| 7 chrB4.686223G | A | 0.002514 | 3978 |
| 7 chrB4.686628G | A | 0.312 | 3974 |
| 7 chrB4.687483G | A | 0.1318 | 4000 |
| 7 chrB4.687971G | A | 0.1244 | 3930 |
| 7 chrB4.688761A | G | 0.4361 | 3884 |
| 7 chrB4.689234G | A | 0.4937 | 3998 |
| 7 chrB4.689731A | G | 0.1236 | 3990 |
| 7 chrB4.689973A | G | 0.001247 | 4010 |
| 7 chrB4.690511C | A | 0.1317 | 4008 |
| 7 chrB4.690767G | A | 0.2668 | 4000 |
| 7 chrB4.691052A | G | 0.0009985 | 4006 |
| 7 chrB4.692135G | A | 0.4807 | 3998 |

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| 7 chrB4.692458A | G | 0.06886 | 4008 |
| 7 chrB4.692756A | C | 0.1021 | 3998 |
| 7 chrB4.693397A | G | 0.1655 | 4006 |
| 7 chrB4.693888G | A | 0.01838 | 3754 |
| 7 chrB4.694350A | G | 0.001746 | 4010 |
| 7 chrB4.694833C | A | 0.0918 | 3998 |
| 7 chrB4.695540A | G | 0.3327 | 3998 |
| 7 chrB4.696113A | G | 0.07902 | 3670 |
| 7 chrB4.696512A | G | 0.03117 | 4010 |
| 7 chrB4.696812A | G | 0.1279 | 4002 |
| 7 chrB4.697262A | G | 0.4814 | 3648 |
| 7 chrB4.697917C | A | 0.4703 | 3972 |
| 7 chrB4.698239G | A | 0.3132 | 3988 |
| 7 chrB4.698849G | A | 0.3089 | 3992 |
| 7 chrB4.699089A | G | 0.2307 | 3992 |
| 7 chrB4.699449A | G | 0.003248 | 4002 |
| 7 chrB4.699824A | G | 0.3245 | 3926 |
| 7 chrB4.700426C | A | 0.2025 | 3930 |
| 7 chrB4.700428A | C | 0.2321 | 3998 |
| 7 chrB4.700816A | G | 0.2042 | 3942 |
| 7 chrX.7720754A | G | 0.2904 | 3816 |
| 7 chrB4.701085A | G | 0.3064 | 3988 |
| 7 chrB4.701365A | C | 0.3054 | 3946 |
| 7 chrB4.701858G | A | 0.3894 | 3986 |
| 7 chrB4.702302A | G | 0.01505 | 3988 |
| 7 chrB4.702807G | A | 0.004493 | 4006 |
| 7 chrB4.703765A | G | 0.06935 | 3994 |
| 7 chrB4.704039A | G | 0.3228 | 3922 |
| 7 chrB4.704661G | A | 0.352 | 3932 |
| 7 chrB4.704903C | A | 0.005744 | 4004 |
| 7 chrB4.705380A | C | 0.479 | 3956 |
| 7 chrB4.705645G | A | 0.3737 | 3998 |
| 7 chrB4.706125G | A | 0.03439 | 3838 |
| 7 chrB4.707458A | C | 0.191 | 3984 |
| 7 chrB4.707732A | G | 0.08678 | 4010 |
| 7 chrB4.708127G | A | 0.4813 | 4004 |
| 7 chrB4.708414A | G | 0.147 | 3972 |
| 7 chrB4.708671G | A | 0.2143 | 3994 |
| 7 chrB4.709124G | A | 0.1601 | 3916 |
| 7 chrB4.709527G | A | 0.2034 | 4002 |
| 7 chrB4.709928G | A | 0.4879 | 3974 |

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| 7 chrB4.710430G | A | 0.3358 | 3994 |
| 7 chrB4.711128A | G | 0.002505 | 3992 |
| 7 chrB4.712694A | G | 0.193 | 3994 |
| 7 chrB4.713956A | C | 0.051 | 4000 |
| 7 chrB4.714618A | G | 0.3804 | 3954 |
| 7 chrB4.715110G | A | 0.08123 | 3878 |
| 7 chrB4.715799A | G | 0.1133 | 4006 |
| 7 chrB4.716278A | G | 0.1835 | 3990 |
| 7 chrB4.717322A | G | 0.3454 | 3958 |
| 7 chrB4.717597A | G | 0.07025 | 4000 |
| 7 chrUn.693883A | G | 0.2185 | 3890 |
| 7 chrB4.718531A | G | 0.3143 | 3980 |
| 7 chrB4.718946C | A | 0.1287 | 4002 |
| 7 chrB4.719499G | A | 0.001746 | 4010 |
| 7 chrB4.719761A | C | 0.2636 | 3858 |
| 7 chrB4.720338G | A | 0.1693 | 3986 |
| 7 chrB4.720769G | A | 0.1548 | 3974 |
| 7 chrB4.721765A | G | 0.1566 | 3998 |
| 7 chrB4.721858A | G | 0.2196 | 3994 |
| 7 chrB4.722479G | A | 0.4092 | 3986 |
| 7 chrB4.723186G | A | 0.009963 | 3814 |
| 7 chrB4.723790A | G | 0.4189 | 3994 |
| 7 chrB4.724035A | G | 0.08266 | 3944 |
| 7 chrB4.724559A | G | 0.1316 | 4004 |
| 7 chrB4.724967A | G | 0.1111 | 4006 |
| 7 chrB4.725299A | G | 0.496 | 4004 |
| 7 chrB4.725570G | A | 0.3936 | 3984 |
| 7 chrB4.726032A | C | 0.2574 | 3944 |
| 7 chrB4.726502A | G | 0.2852 | 3994 |
| 7 chrB4.727048G | A | 0.1356 | 3998 |
| 7 chrB4.727612A | G | 0.4722 | 3992 |
| 7 chrB4.728607A | G | 0.1838 | 3960 |
| 7 chrB4.728756G | A | 0.05542 | 4006 |
| 7 chrB4.729126G | A | 0.01337 | 3666 |
| 7 chrB4.729450G | A | 0.4407 | 3998 |
| 7 chrB4.729884A | G | 0.2035 | 3986 |
| 7 chrB4.730123A | G | 0.09182 | 4008 |
| 7 chrB4.730518G | A | 0.2066 | 3994 |
| 7 chrB4.730898A | G | 0.2595 | 3992 |
| 7 chrB4.731244A | G | 0.3868 | 4002 |
| 7 chrB4.731492G | A | 0.04244 | 4006 |

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| 7 chrB4.731747A | G | 0.07039 | 4006 |
| 7 chrB4.732180A | C | 0.3922 | 4000 |
| 7 chrB4.732634A | G | 0.1197 | 3842 |
| 7 chrB4.733475A | G | 0.1811 | 3998 |
| 7 chrB4.733814A | G | 0.263 | 3954 |
| 7 chrB4.734458C | A | 0.3968 | 3982 |
| 7 chrB4.734744G | A | 0.1866 | 3934 |
| 7 chrB4.735280G | A | 0.4983 | 4000 |
| 7 chrD3.835144A | G | 0.4548 | 3980 |
| 7 chrB4.736266C | A | 0.16 | 3968 |
| 7 chrD3.821560A | G | 0.4511 | 3886 |
| 7 chrB4.737013G | A | 0.1667 | 3912 |
| 7 chrD3.807981A | C | 0.1148 | 3962 |
| 7 chrD3.799641A | G | 0.1646 | 4004 |
| 7 chrD3.786163G | A | 0.4285 | 3986 |
| 7 chrD3.782503A | G | 0.3472 | 3954 |
| 7 chrB4.738404A | G | 0.3747 | 3998 |
| 7 chrB4.738669G | A | 0.4364 | 3992 |
| 7 chrD3.771227A | G | 0.3713 | 3972 |
| 7 chrD3.767422G | A | 0.279 | 3954 |
| 7 chrD3.762808A | G | 0.3981 | 3996 |
| 7 chrD3.759476G | A | 0.1281 | 3998 |
| 7 chrB4.739393G | A | 0.02724 | 4002 |
| 7 chrD3.756875A | G | 0.09614 | 3994 |
| 7 chrB4.739812A | G | 0.4217 | 3984 |
| 7 chrD3.745210G | A | 0.1188 | 4008 |
| 7 chrB4.740162A | G | 0.3699 | 3998 |
| 7 chrD3.740844C | A | 0.317 | 3934 |
| 7 chrB4.740405G | A | 0.09661 | 4006 |
| 7 chrB4.740407G | A | 0.33 | 3988 |
| 7 chrD3.729233A | G | 0.09731 | 4008 |
| 7 chrB4.741060A | G | 0.1321 | 4006 |
| 7 chrD3.718574A | G | 0.2099 | 4002 |
| 7 chrD3.715291G | A | 0.4147 | 3984 |
| 7 chrD3.712849A | G | 0.0985 | 4010 |
| 7 chrD3.707089A | C | 0.1049 | 4004 |
| 7 chrD3.704233A | G | 0.2349 | 3976 |
| 7 chrB4.741869A | C | 0.3164 | 3998 |
| 7 chrD3.686567C | A | 0.03142 | 4010 |
| 7 chrB4.743498G | A | 0.42 | 3986 |
| 7 chrB4.743842C | A | 0.1593 | 4000 |

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| 7 chrB4.744925A | G | 0.4436 | 3988 |
| 7 chrB4.745450G | A | 0.4255 | 3854 |
| 7 chrB4.745707G | A | 0.08975 | 4000 |
| 7 chrB4.746083A | G | 0.3926 | 3996 |
| 7 chrB4.746552G | A | 0.1452 | 3960 |
| 7 chrB4.747074A | G | 0.3266 | 3778 |
| 7 chrB4.747687A | G | 0.4743 | 3966 |
| 7 chrB4.747959A | G | 0.2217 | 3970 |
| 7 chrB4.748660A | G | 0.1261 | 3800 |
| 7 chrB4.748954A | G | 0.2084 | 3988 |
| 7 chrB4.750693C | A | 0.2476 | 3998 |
| 7 chrB4.750776A | G | 0.008138 | 3932 |
| 7 chrB4.751442A | G | 0.3358 | 4002 |
| 7 chrB4.751777G | A | 0.2525 | 3992 |
| 7 chrB4.752019A | C | 0.346 | 3884 |
| 7 chrB4.752195A | G | 0.002067 | 3870 |
| 7 chrB4.752290C | A | 0.3438 | 3976 |
| 7 chrB4.752529A | G | 0.04325 | 4000 |
| 7 chrB4.752846A | G | 0.2241 | 3994 |
| 7 chrB4.753200C | A | 0.09016 | 4004 |
| 7 chrB4.753901A | G | 0.3181 | 3992 |
| 7 chrB4.755511G | A | 0.4328 | 3988 |
| 7 chrB4.755834G | A | 0.3812 | 3982 |
| 7 chrB4.756390A | C | 0.461 | 3996 |
| 7 chrB4.756916A | G | 0.0196 | 3928 |
| 7 chrB4.757360A | G | 0.2513 | 3872 |
| 7 chrB4.757782G | A | 0.2674 | 4002 |
| 7 chrB4.758090A | G | 0.1079 | 4002 |
| 7 chrB4.758388A | C | 0.1177 | 3976 |
| 7 chrB4.758817A | G | 0.04765 | 4008 |
| 7 chrUn.75245A | G | 0.39 | 3964 |
| 7 chrB4.759228A | G | 0.112 | 3990 |
| 7 chrB4.759791A | G | 0.0591 | 4010 |
| 7 chrB4.760462C | A | 0.1552 | 3996 |
| 7 chrB4.760728G | A | 0.03047 | 4004 |
| 7 chrB4.761023G | A | 0.1632 | 4008 |
| 7 chrB4.761950A | G | 0.2775 | 4004 |
| 7 chrB4.762242G | A | 0.08145 | 3990 |
| 7 chrB4.762686A | G | 0.08391 | 3778 |
| 7 chrB4.763216A | G | 0.1896 | 4008 |
| 7 chrB4.763813G | A | 0.09147 | 3706 |

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| 7 chrB4.76417ξA | C | 0.004271 | 3980 |
| 7 chrB4.76450ϘA | G | 0.2225 | 4000 |
| 7 chrB4.76484ζG | A | 0.128 | 3968 |
| 7 chrB4.76581ζC | A | 0.4539 | 3994 |
| 7 chrB4.76616ξG | A | 0.1293 | 3966 |
| 7 chrC1.11265ϑG | A | 0.2096 | 3998 |
| 7 chrB4.76643ϘA | C | 0.06394 | 4004 |
| 7 chrB4.76671ϘA | G | 0.4619 | 3992 |
| 7 chrB4.76712ζA | G | 0.1092 | 3974 |
| 7 chrB4.76821ξA | C | 0.06997 | 4002 |
| 7 chrB4.76890ϘA | G | 0.2412 | 3992 |
| 7 chrB4.76921ξC | A | 0.447 | 3960 |
| 7 chrB4.76950γG | A | 0.2789 | 3998 |
| 7 chrB4.76983γA | G | 0.199 | 4000 |
| 7 chrB4.77023ξA | G | 0.1639 | 4002 |
| 7 chrB4.77082ξA | G | 0.1567 | 3964 |
| 7 chrB4.77117ξA | G | 0.06857 | 3996 |
| 7 chrB4.77143ϘA | G | 0.06983 | 4010 |
| 7 chrB4.77176ζA | C | 0.1387 | 3974 |
| 7 chrB4.77190ξC | A | 0.000504 | 3968 |
| 7 chrB4.77275ϑG | A | 0.05809 | 3994 |
| 7 chrB4.77313ζA | G | 0.373 | 3922 |
| 7 chrB4.77354ξG | A | 0.2175 | 3986 |
| 7 chrB4.77382ξA | G | 0.2447 | 3988 |
| 7 chrB4.77410ξA | G | 0.1439 | 4002 |
| 7 chrB4.77436ξG | A | 0.1467 | 3994 |
| 7 chrB4.77457ξG | A | 0.2591 | 4010 |
| 7 chrB4.77526γC | A | 0.2681 | 3998 |
| 7 chrB4.77605ξG | A | 0.1333 | 3998 |
| 7 chrB4.77633ξC | A | 0.2636 | 3816 |
| 7 chrB4.77684ϘG | A | 0.2445 | 4004 |
| 7 chrUn.44747γG | A | 0.2275 | 4000 |
| 7 chrB4.77710ξA | G | 0.3071 | 3982 |
| 7 chrB4.77734ξA | G | 0.3432 | 4004 |
| 7 chrB4.77764ξG | A | 0.2322 | 3996 |
| 7 chrB4.77795(C | A | 0.1525 | 4000 |
| 7 chrB4.77841(C | A | 0.4917 | 3994 |
| 7 chrB4.78006ζA | G | 0.1893 | 4004 |
| 7 chrB4.78036ϘG | A | 0.2739 | 4002 |
| 7 chrB4.78103ξG | A | 0.2367 | 3764 |
| 7 chrB4.78140ζG | A | 0.2621 | 4002 |

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| 7 chrB4.781654C | A | 0.06933 | 4010 |
| 7 chrB4.782235C | A | 0.2194 | 3998 |
| 7 chrB4.783206G | A | 0.4297 | 4000 |
| 7 chrB4.783447A | G | 0.05619 | 4004 |
| 7 chrB4.785312A | G | 0.2813 | 3992 |
| 7 chrB4.786244A | G | 0.1157 | 3994 |
| 7 chrB4.787508G | A | 0.1133 | 4006 |
| 7 chrB4.787876A | G | 0.2385 | 3966 |
| 7 chrB4.788139G | A | 0.4684 | 3982 |
| 7 chrB4.788452G | A | 0.2144 | 4006 |
| 7 chrB4.788887A | G | 0.0399 | 3910 |
| 7 chrB4.789535G | A | 0.232 | 4004 |
| 7 chrB4.789812G | A | 0.3017 | 3958 |
| 7 chrB4.790265A | G | 0.1098 | 4008 |
| 7 chrB4.790507A | G | 0.1907 | 3990 |
| 7 chrB4.790792G | A | 0.1808 | 3872 |
| 7 chrB4.791029G | A | 0.1623 | 3956 |
| 7 chrB4.791422A | G | 0.3357 | 3998 |
| 7 chrUn.184744 | 0 A | 0 | 4008 |
| 7 chrB4.791916A | G | 0.1179 | 3954 |
| 7 chrB4.792211A | G | 0.3152 | 3918 |
| 7 chrB4.792649G | A | 0.06924 | 3726 |
| 7 chrB4.792972G | A | 0.3265 | 4000 |
| 7 chrB4.793256G | A | 0.4509 | 3990 |
| 7 chrB4.793526G | A | 0.1845 | 4000 |
| 7 chrB4.793946G | A | 0.3749 | 3996 |
| 7 chrB4.794406C | A | 0.4997 | 3976 |
| 7 chrB4.794948C | A | 0.09905 | 3998 |
| 7 chrB4.796372G | A | 0.2085 | 3996 |
| 7 chrB4.796728C | A | 0.4106 | 3970 |
| 7 chrB4.797109G | A | 0.1923 | 3998 |
| 7 chrB4.797604A | G | 0.2442 | 3870 |
| 7 chrB4.798241G | A | 0.08453 | 3750 |
| 7 chrB4.798615A | G | 0.2319 | 3988 |
| 7 chrB4.798945A | C | 0.0822 | 3978 |
| 7 chrB4.799215A | G | 0.1888 | 3978 |
| 7 chrB4.799642A | G | 0.2333 | 4004 |
| 7 chrB4.800012A | C | 0.1815 | 3966 |
| 7 chrB4.800873A | G | 0.09401 | 4010 |
| 7 chrB4.801615A | G | 0.3368 | 3786 |
| 7 chrB4.801857G | A | 0.4886 | 3844 |

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| 7 chrB4.802356A | G | 0.3286 | 3950 |
| 7 chrB4.802820G | A | 0.04491 | 4008 |
| 7 chrB4.803610A | G | 0.1012 | 3944 |
| 7 chrB4.804193A | G | 0.24 | 4000 |
| 7 chrB4.805396G | A | 0.07884 | 4008 |
| 7 chrB4.805739A | G | 0.004357 | 3902 |
| 7 chrB4.806234A | G | 0.04019 | 4006 |
| 7 chrB4.806537A | C | 0.3499 | 3984 |
| 7 chrB4.807167A | G | 0.3828 | 3994 |
| 7 chrB4.807680G | A | 0.07456 | 4010 |
| 7 chrB4.808072G | A | 0.3749 | 3862 |
| 7 chrB4.808458A | G | 0.2104 | 3998 |
| 7 chrB4.808776G | A | 0.4004 | 4006 |
| 7 chrB4.809028G | A | 0.1162 | 3994 |
| 7 chrB4.809448A | G | 0.3009 | 3978 |
| 7 chrB4.809781A | G | 0.1547 | 3994 |
| 7 chrB4.809898A | C | 0.002498 | 4004 |
| 7 chrB4.810059A | G | 0.2969 | 4002 |
| 7 chrB4.810428A | G | 0.2529 | 4002 |
| 7 chrB4.810797A | G | 0.1044 | 4002 |
| 7 chrB4.811100G | A | 0.4271 | 3922 |
| 7 chrB4.811575A | C | 0.2017 | 3946 |
| 7 chrB4.812038A | G | 0.03141 | 3980 |
| 7 chrB4.812516G | A | 0.2245 | 4000 |
| 7 chrUn.341890C | A | 0.1045 | 3980 |
| 7 chrB4.812897A | G | 0.1123 | 3998 |
| 7 chrB4.813160A | G | 0.197 | 4006 |
| 7 chrB4.813547G | A | 0.4252 | 3984 |
| 7 chrUn.438630C | A | 0.4529 | 3950 |
| 7 chrB4.813899A | G | 0.3435 | 3950 |
| 7 chrUn.339220A | G | 0.4859 | 3902 |
| 7 chrB4.815533A | G | 0.3798 | 3984 |
| 7 chrB4.816620A | G | 0.1782 | 3856 |
| 7 chrB4.816934A | G | 0.1117 | 3994 |
| 7 chrB4.817764A | G | 0.3535 | 4006 |
| 7 chrB4.818751G | A | 0.336 | 3994 |
| 7 chrUn.757720C | A | 0.3623 | 3966 |
| 7 chrB4.819389 | 0 G | 0 | 4000 |
| 7 chrB4.820086A | G | 0.2699 | 3994 |
| 7 chrUn.153780C | A | 0.3596 | 3996 |
| 7 chrB4.820410G | A | 0.4125 | 4000 |

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| 7 chrB4.82082C | 0 A | 0 | 4010 |
| 7 chrB4.82083E G | A | 0.1036 | 4004 |
| 7 chrB4.82163Z A | G | 0.103 | 3990 |
| 7 chrB4.82208E A | G | 0.09581 | 3914 |
| 7 chrB4.82237C A | G | 0.01579 | 3926 |
| 7 chrB4.82285Z G | A | 0.08667 | 3992 |
| 7 chrB4.82407Z A | G | 0.02228 | 3950 |
| 7 chrB4.82447Z A | G | 0.01157 | 3890 |
| 7 chrB4.82499E G | A | 0.1695 | 3988 |
| 7 chrB4.82531Z G | A | 0.3488 | 3996 |
| 7 chrB4.82598E A | G | 0.4616 | 3960 |
| 7 chrB4.82658E A | G | 0.2046 | 4002 |
| 7 chrB4.82698C | A | 0.3389 | 3992 |
| 7 chrB4.82736C A | G | 0.02267 | 3970 |
| 7 chrB4.82793Z G | A | 0.3582 | 3948 |
| 7 chrB4.82829C G | A | 0.1135 | 3948 |
| 7 chrB4.82883Z G | A | 0.1041 | 4006 |
| 7 chrB4.82951E A | G | 0.3161 | 3954 |
| 7 chrB4.83008E A | G | 0.1226 | 3996 |
| 7 chrB4.83061Z A | G | 0.3391 | 3834 |
| 7 chrB4.83124E A | G | 0.1209 | 3988 |
| 7 chrB4.83211C A | G | 0.4957 | 3744 |
| 7 chrB4.83246Z | 0 G | 0 | 4010 |
| 7 chrB4.83263Z A | G | 0.2461 | 3974 |
| 7 chrB4.83291E A | G | 0.3166 | 3996 |
| 7 chrB4.83332Z A | G | 0.2467 | 3996 |
| 7 chrB4.83367E A | C | 0.3076 | 4002 |
| 7 chrB4.83407E G | A | 0.08725 | 3828 |
| 7 chrB4.83487E A | G | 0.4309 | 3994 |
| 7 chrB4.83520C A | G | 0.2375 | 3768 |
| 7 chrC2.49886E A | C | 0.2318 | 3978 |
| 7 chrB4.83651C A | G | 0.4657 | 3990 |
| 7 chrB4.83676Z G | A | 0.364 | 3994 |
| 7 chrB4.83721Z A | G | 0.2116 | 3842 |
| 7 chrB4.83754E A | G | 0.3889 | 3998 |
| 7 chrB4.83788E A | C | 0.2584 | 3990 |
| 7 chrB4.83815E G | A | 0.2486 | 3986 |
| 7 chrB4.83852Z G | A | 0.4329 | 3994 |
| 7 chrB4.83935E C | A | 0.115 | 3792 |
| 7 chrB4.83967E A | G | 0.4035 | 3988 |
| 7 chrB4.84015E C | A | 0.4742 | 3956 |

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| 7 chrB4.840555G | A | 0.2448 | 3876 |
| 7 chrB4.841279A | G | 0.09463 | 3910 |
| 7 chrB4.841777G | A | 0.1719 | 3676 |
| 7 chrB4.842581A | G | 0.1512 | 3908 |
| 7 chrB4.842908A | G | 0.3929 | 3978 |
| 7 chrB4.843211A | G | 0.08946 | 4002 |
| 7 chrB4.844006A | G | 0.007529 | 3852 |
| 7 chrB4.844334G | A | 0.0267 | 4008 |
| 7 chrB4.846029C | A | 0.01931 | 3832 |
| 7 chrB4.846409A | G | 0.005624 | 3734 |
| 7 chrB4.848088G | A | 0.00125 | 4000 |
| 7 chrB4.848529A | G | 0.1883 | 3940 |
| 7 chrB4.848883G | A | 0.02121 | 3914 |
| 7 chrB4.850699A | G | 0.2623 | 3996 |
| 7 chrB4.851526A | G | 0.06935 | 3980 |
| 7 chrB4.852036A | G | 0.19 | 3984 |
| 7 chrB4.852687A | G | 0.07855 | 4010 |
| 7 chrB4.853143A | G | 0.1864 | 3874 |
| 7 chrB4.853556G | A | 0.3377 | 3980 |
| 7 chrB4.859409G | A | 0.1569 | 4002 |
| 7 chrB4.860988C | A | 0.118 | 4000 |
| 7 chrB4.861377C | A | 0.2717 | 3810 |
| 7 chrB4.862113A | G | 0.3157 | 3678 |
| 7 chrB4.862761A | G | 0.1744 | 4002 |
| 7 chrB4.863619G | A | 0.1432 | 4000 |
| 7 chrB4.864434G | A | 0.0615 | 4000 |
| 7 chrB4.864614A | G | 0.1804 | 3980 |
| 7 chrB4.865353A | G | 0.4132 | 3986 |
| 7 chrB4.866012A | G | 0.07273 | 3946 |
| 7 chrB4.866324A | G | 0.2692 | 4008 |
| 7 chrB4.866830G | A | 0.4947 | 3972 |
| 7 chrB4.867186G | A | 0.06565 | 3930 |
| 7 chrB4.867556A | C | 0.4125 | 4000 |
| 7 chrB4.868139A | C | 0.3881 | 3754 |
| 7 chrB4.868618G | A | 0.1639 | 4002 |
| 7 chrB4.869375C | A | 0.2262 | 3992 |
| 7 chrB4.869879A | C | 0.4229 | 3994 |
| 7 chrB4.871002A | G | 0.3427 | 3934 |
| 7 chrB4.871897G | A | 0.2757 | 3994 |
| 7 chrB4.872512A | G | 0.4673 | 3944 |
| 7 chrB4.872873G | A | 0.104 | 3972 |

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| 7 chrB4.873260A | G | 0.0002494 | 4010 |
| 7 chrB4.873757G | A | 0.01472 | 4008 |
| 7 chrB4.873888G | A | 0.09586 | 4006 |
| 7 chrB4.874513G | A | 0.4026 | 3900 |
| 7 chrB4.875084A | G | 0.001496 | 4010 |
| 7 chrB4.875379G | A | 0.0952 | 4002 |
| 7 chrB4.875677A | G | 0.3195 | 3990 |
| 7 chrB4.876043A | G | 0.02319 | 3924 |
| 7 chrUn.483678A | G | 0.001995 | 4010 |
| 7 chrB4.876434A | G | 0.1457 | 3982 |
| 7 chrB4.876822C | A | 0.1906 | 3998 |
| 7 chrB4.877241A | G | 0.409 | 4010 |
| 7 chrB4.877554C | A | 0.2164 | 3978 |
| 7 chrB4.878191A | G | 0.145 | 3992 |
| 7 chrB4.878793A | G | 0.03167 | 4010 |
| 7 chrB4.879055A | G | 0.03967 | 4008 |
| 7 chrB4.879694A | G | 0.3802 | 4006 |
| 7 chrB4.879782A | G | 0.05737 | 3922 |
| 7 chrB4.880038G | A | 0.3798 | 3986 |
| 7 chrB4.880374A | G | 0.2718 | 3734 |
| 7 chrB4.880658A | G | 0.2883 | 3888 |
| 7 chrB4.881177G | A | 0.3307 | 4000 |
| 7 chrB4.882066G | A | 0.3272 | 4000 |
| 7 chrB4.882432G | A | 0.4112 | 3996 |
| 7 chrB4.882827A | G | 0.04693 | 4006 |
| 7 chrB4.883102A | C | 0.3863 | 3798 |
| 7 chrB4.883159A | G | 0.3704 | 3998 |
| 7 chrB4.883744A | C | 0.01697 | 4008 |
| 7 chrB4.885000A | G | 0.2139 | 3932 |
| 7 chrB4.885425A | G | 0.269 | 3996 |
| 7 chrB4.885939A | C | 0.4578 | 3982 |
| 7 chrB4.886841A | C | 0.1052 | 4002 |
| 7 chrB4.887641C | A | 0.05809 | 3994 |
| 7 chrUn.617289G | A | 0.3404 | 3986 |
| 7 chrB4.888137A | G | 0.4035 | 3998 |
| 7 chrB4.888411G | A | 0.0959 | 4004 |
| 7 chrB4.888966G | A | 0.1539 | 3996 |
| 7 chrB4.889231A | G | 0.2365 | 3992 |
| 7 chrB4.889601G | A | 0.4263 | 4002 |
| 7 chrB4.889898A | G | 0.2104 | 4006 |
| 7 chrB4.890723A | G | 0.2218 | 3994 |

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| 7 chrB4.891531C | A | 0.2464 | 3990 |
| 7 chrB4.891842A | G | 0.05292 | 4006 |
| 7 chrB4.892142C | A | 0.07113 | 3866 |
| 7 chrB4.892286A | G | 0.07919 | 3902 |
| 7 chrB4.892602A | G | 0.002499 | 4002 |
| 7 chrB4.893109G | A | 0.002746 | 4006 |
| 7 chrB4.893496G | A | 0.2895 | 4004 |
| 7 chrB4.893871G | A | 0.1006 | 3998 |
| 7 chrB4.894311A | G | 0.1208 | 4008 |
| 7 chrB4.894960A | C | 0.4567 | 3722 |
| 7 chrB4.895495C | A | 0.1834 | 3926 |
| 7 chrB4.895822A | G | 0.04076 | 3950 |
| 7 chrB4.896570G | A | 0.1217 | 3968 |
| 7 chrB4.897028G | A | 0.0261 | 3678 |
| 7 chrB4.897795A | G | 0.07812 | 3994 |
| 7 chrB4.898402 | 0 A | 0 | 4008 |
| 7 chrB4.898779C | A | 0.2832 | 3994 |
| 7 chrB4.899118A | G | 0.07913 | 4006 |
| 7 chrB4.899582G | A | 0.256 | 3996 |
| 7 chrB4.899948A | G | 0.2225 | 4000 |
| 7 chrB4.900347G | A | 0.1405 | 4006 |
| 7 chrB4.900631G | A | 0.1776 | 4008 |
| 7 chrB4.900870A | G | 0.09616 | 3806 |
| 7 chrB4.901121A | C | 0.1919 | 4002 |
| 7 chrB4.901579A | G | 0.096 | 4000 |
| 7 chrB4.901964A | G | 0.1522 | 4000 |
| 7 chrB4.902254A | G | 0.1422 | 4000 |
| 7 chrB4.902555A | G | 0.4311 | 4004 |
| 7 chrB4.902819G | A | 0.0005056 | 3956 |
| 7 chrB4.903088A | G | 0.3302 | 3998 |
| 7 chrB4.903555C | A | 0.08916 | 4004 |
| 7 chrB4.904214G | A | 0.2475 | 3996 |
| 7 chrB4.904574G | A | 0.2256 | 3950 |
| 7 chrB4.904807 | 0 G | 0 | 4008 |
| 7 chrB4.905136C | A | 0.1071 | 4004 |
| 7 chrB4.905854A | G | 0.2907 | 3994 |
| 7 chrB4.906159A | G | 0.2688 | 4006 |
| 7 chrB4.906512G | A | 0.03443 | 4008 |
| 7 chrB4.906758G | A | 0.4262 | 3932 |
| 7 chrB4.907268G | A | 0.4357 | 3968 |
| 7 chrB4.908734C | A | 0.1562 | 4002 |

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| 7 chrB4.909786G | A | 0.4611 | 4006 |
| 7 chrB4.910291A | G | 0.001259 | 3970 |
| 7 chrB4.910688G | A | 0.4426 | 4006 |
| 7 chrB4.911355G | A | 0.3583 | 4002 |
| 7 chrB4.911652A | G | 0.4647 | 3992 |
| 7 chrB4.912224G | A | 0.2151 | 3998 |
| 7 chrB4.912597A | C | 0.285 | 4004 |
| 7 chrB4.913241G | A | 0.09364 | 3994 |
| 7 chrB4.913602A | G | 0.1171 | 3842 |
| 7 chrB4.914275A | G | 0.05965 | 3990 |
| 7 chrB4.914616C | A | 0.3507 | 3992 |
| 7 chrB4.914911G | A | 0.1792 | 3984 |
| 7 chrB4.915229A | G | 0.1263 | 3992 |
| 7 chrB4.915624G | A | 0.07896 | 4002 |
| 7 chrB4.916015A | G | 0.2163 | 3976 |
| 7 chrB4.916329A | G | 0.123 | 4008 |
| 7 chrB4.916930A | C | 0.04439 | 4010 |
| 7 chrB4.917347A | G | 0.3287 | 3994 |
| 7 chrB4.917659G | A | 0.07743 | 3978 |
| 7 chrB4.917939G | A | 0.3572 | 4006 |
| 7 chrB4.918440G | A | 0.09918 | 3902 |
| 7 chrUn.223144C | A | 0.2612 | 4004 |
| 7 chrB4.918745A | C | 0.2272 | 4000 |
| 7 chrB4.919091A | C | 0.08579 | 3998 |
| 7 chrB4.919470A | G | 0.4224 | 3996 |
| 7 chrB4.920156A | C | 0.499 | 3986 |
| 7 chrB4.920996G | A | 0.3109 | 3982 |
| 7 chrB4.921354A | G | 0.4217 | 3998 |
| 7 chrB4.921676A | G | 0.1506 | 3998 |
| 7 chrB4.922064A | G | 0.1358 | 3992 |
| 7 chrB4.922756G | A | 0.2057 | 4000 |
| 7 chrB4.923299A | G | 0.4123 | 3966 |
| 7 chrB4.924314A | G | 0.01871 | 4008 |
| 7 chrB4.924704A | G | 0.1578 | 3954 |
| 7 chrB4.925160G | A | 0.3209 | 3958 |
| 7 chrB4.925400A | G | 0.3792 | 3998 |
| 7 chrB4.925769A | G | 0.2499 | 4002 |
| 7 chrB4.926105A | G | 0.2232 | 3978 |
| 7 chrB4.926370A | C | 0.3974 | 3998 |
| 7 chrB4.926707A | C | 0.499 | 3990 |
| 7 chrB4.927205A | G | 0.01688 | 3970 |

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| 7 chrB4.927697A | G | 0.2514 | 3998 |
| 7 chrB4.928083A | G | 0.4214 | 3996 |
| 7 chrB4.928867A | G | 0.4748 | 4002 |
| 7 chrB4.929298A | G | 0.4731 | 4010 |
| 7 chrB4.929541A | G | 0.4184 | 3982 |
| 7 chrB4.930083A | G | 0.3515 | 3986 |
| 7 chrB4.930775A | G | 0.0002495 | 4008 |
| 7 chrB4.930914A | G | 0.1049 | 3766 |
| 7 chrB4.931416A | G | 0.1875 | 4006 |
| 7 chrB4.931785A | C | 0.001995 | 4010 |
| 7 chrB4.932371G | A | 0.4038 | 4002 |
| 7 chrB4.933357 | 0 C | 0 | 4008 |
| 7 chrB4.934583A | G | 0.1702 | 3890 |
| 7 chrB4.935008G | A | 0.08998 | 3812 |
| 7 chrB4.935541A | G | 0.0699 | 4006 |
| 7 chrB4.935978G | A | 0.4595 | 3974 |
| 7 chrB4.936617G | A | 0.1713 | 3998 |
| 7 chrB4.937002A | G | 0.1489 | 4004 |
| 7 chrB4.937517A | G | 0.04779 | 3976 |
| 7 chrB4.937837A | C | 0.4687 | 3996 |
| 7 chrB4.938113A | C | 0.3364 | 3998 |
| 7 chrB4.938360C | A | 0.1447 | 4002 |
| 7 chrB4.938726A | G | 0.4017 | 3898 |
| 7 chrB4.939273A | G | 0.051 | 4000 |
| 7 chrB4.939804G | A | 0.2402 | 3996 |
| 7 chrB4.940745A | G | 0.1579 | 3996 |
| 7 chrB4.941340A | G | 0.4026 | 3992 |
| 7 chrB4.942056A | C | 0.1069 | 3996 |
| 7 chrB4.942541A | G | 0.1791 | 4004 |
| 7 chrB4.943012A | G | 0.271 | 4004 |
| 7 chrB4.943262A | G | 0.2674 | 4002 |
| 7 chrB4.944059G | A | 0.1768 | 3994 |
| 7 chrB4.944423A | G | 0.4239 | 3968 |
| 7 chrB4.944831G | A | 0.3724 | 4004 |
| 7 chrB4.945075G | A | 0.3372 | 3998 |
| 7 chrB4.945766A | G | 0.3516 | 4002 |
| 7 chrB4.946035G | A | 0.1926 | 3878 |
| 7 chrB4.946751A | G | 0.2893 | 4006 |
| 7 chrB4.947027A | G | 0.4678 | 3888 |
| 7 chrB4.947596A | G | 0.2546 | 3998 |
| 7 chrB4.948784A | G | 0.3681 | 3966 |

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| 7 chrB4.949130G | A | 0.07839 | 3980 |
| 7 chrB4.949492G | A | 0.4607 | 3992 |
| 7 chrB4.949843G | A | 0.2516 | 3990 |
| 7 chrB4.950202G | A | 0.2905 | 3986 |
| 7 chrB4.951142 | 0 G | 0 | 3990 |
| 7 chrB4.951914A | G | 0.1792 | 3996 |
| 7 chrB4.952364A | G | 0.1686 | 3998 |
| 7 chrA2.350307A | G | 0.2109 | 3982 |
| 7 chrB4.952750C | A | 0.2328 | 3874 |
| 7 chrB4.953166A | G | 0.371 | 3916 |
| 7 chrB4.953687C | A | 0.457 | 4002 |
| 7 chrB4.954260G | A | 0.08063 | 4006 |
| 7 chrB4.954379C | A | 0.09605 | 3998 |
| 7 chrB4.954842G | A | 0.00525 | 4000 |
| 7 chrA1.267604G | A | 0.4496 | 3912 |
| 7 chrB4.955192G | A | 0.00483 | 3934 |
| 7 chrB4.955468A | G | 0.09341 | 4004 |
| 7 chrB4.955797A | G | 0.4571 | 4006 |
| 7 chrB4.956194A | C | 0.2799 | 3976 |
| 7 chrB4.956894A | G | 0.3657 | 3998 |
| 7 chrB4.957236A | G | 0.2647 | 4004 |
| 7 chrB4.957956C | A | 0.3324 | 3998 |
| 7 chrB4.958316A | G | 0.08691 | 4004 |
| 7 chrB4.958596A | G | 0.257 | 3992 |
| 7 chrB4.958865A | G | 0.0477 | 4004 |
| 7 chrB4.959435A | G | 0.09834 | 3986 |
| 7 chrB4.959728G | A | 0.2762 | 4004 |
| 7 chrB4.960345A | G | 0.1452 | 4002 |
| 7 chrB4.960643G | A | 0.05065 | 4008 |
| 7 chrB4.961402G | A | 0.2619 | 3986 |
| 7 chrB4.961958A | C | 0.2039 | 3958 |
| 7 chrB4.962453G | A | 0.09769 | 3982 |
| 7 chrB4.962849G | A | 0.3338 | 3994 |
| 7 chrB4.963013C | A | 0.00126 | 3968 |
| 7 chrB4.963246G | A | 0.4689 | 3992 |
| 7 chrB4.963795A | G | 0.2687 | 3986 |
| 7 chrB4.964522A | G | 0.09422 | 3980 |
| 7 chrB4.964950A | G | 0.08307 | 3768 |
| 7 chrB4.965338A | G | 0.2669 | 4002 |
| 7 chrB4.965649A | G | 0.3403 | 3988 |
| 7 chrB4.966167A | G | 0.05997 | 4002 |

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| 7 chrB4.966168A | G | 0.4252 | 3996 |
| 7 chrB4.966429A | G | 0.03718 | 4008 |
| 7 chrB4.966943A | G | 0.3421 | 3996 |
| 7 chrB4.967397A | G | 0.4581 | 3910 |
| 7 chrB4.967646G | A | 0.3018 | 3996 |
| 7 chrB4.967887A | G | 0.3019 | 3992 |
| 7 chrB4.968320A | G | 0.09619 | 3940 |
| 7 chrB4.968922A | C | 0.4057 | 4008 |
| 7 chrB4.969261G | A | 0.4313 | 3988 |
| 7 chrB4.969877A | G | 0.1325 | 4000 |
| 7 Phen_KRT71_G | A | 0.437 | 4000 |
| 7 Phen_KRT71_G | A | 0.3445 | 3988 |
| 7 Phen_KRT71_A | G | 0.01247 | 3850 |
| 7 chrB4.970141G | A | 0.4511 | 3984 |
| 7 chrB4.970446G | A | 0.4504 | 3994 |
| 7 chrB4.970917A | G | 0.2095 | 3986 |
| 7 chrB4.971308G | A | 0.0895 | 4000 |
| 7 chrB4.971637G | A | 0.3546 | 4002 |
| 7 chrB4.972064A | G | 0.2104 | 4006 |
| 7 chrB4.972346A | G | 0.1263 | 3992 |
| 7 chrB4.972596A | G | 0.2119 | 4002 |
| 7 chrB4.972857A | G | 0.1531 | 3998 |
| 7 chrB4.973153G | A | 0.3454 | 3992 |
| 7 chrB4.973367A | G | 0.2608 | 4000 |
| 7 chrB4.973641A | G | 0.122 | 3976 |
| 7 chrB4.973979G | A | 0.1024 | 4002 |
| 7 chrB4.974882A | G | 0.08367 | 4004 |
| 7 chrB4.975273A | C | 0.02949 | 4002 |
| 7 chrB4.976011C | A | 0.3347 | 3992 |
| 7 chrB4.976251A | G | 0.4771 | 3968 |
| 7 chrB4.976752A | C | 0.4129 | 3996 |
| 7 chrB4.977142A | G | 0.1739 | 3990 |
| 7 chrB4.977620A | G | 0.4036 | 3994 |
| 7 chrB4.978605G | A | 0.01591 | 3960 |
| 7 chrB4.978999A | G | 0.3257 | 3958 |
| 7 chrB4.979316C | A | 0.4067 | 3998 |
| 7 chrB4.979611G | A | 0.0527 | 4004 |
| 7 chrB4.980165A | G | 0.002246 | 4008 |
| 7 chrB4.980528A | G | 0.4077 | 3964 |
| 7 chrB4.980825G | A | 0.08263 | 4006 |
| 7 chrB4.981158A | G | 0.05641 | 3776 |

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| 7 chrB4.981628C | A | 0.04223 | 4002 |
| 7 chrB4.982465G | A | 0.2609 | 3986 |
| 7 chrB4.983272A | C | 0.3771 | 3972 |
| 7 chrB4.982886A | G | 0.3512 | 4000 |
| 7 chrB4.984866A | G | 0.3097 | 3998 |
| 7 chrB4.984927G | A | 0.002498 | 4004 |
| 7 chrB4.985343A | C | 0.241 | 3992 |
| 7 chrB4.985607A | G | 0.06465 | 4006 |
| 7 chrB4.986152G | A | 0.001753 | 3994 |
| 7 chrB4.986801A | G | 0.4445 | 3998 |
| 7 chrB4.987496A | G | 0.1786 | 4004 |
| 7 chrB4.987781A | C | 0.3819 | 3988 |
| 7 chrB4.988154C | A | 0.1009 | 3954 |
| 7 chrB4.988891C | A | 0.05891 | 4006 |
| 7 chrB4.989318A | G | 0.01499 | 4004 |
| 7 chrB4.989859A | G | 0.07164 | 4006 |
| 7 chrB4.990197G | A | 0.2717 | 4000 |
| 7 chrB4.990834A | G | 0.1304 | 3636 |
| 7 chrB4.991186G | A | 0.04069 | 4006 |
| 7 chrB4.991248G | A | 0.4883 | 4008 |
| 7 chrB4.991737A | C | 0.4249 | 3994 |
| 7 chrB4.992030G | A | 0.482 | 3996 |
| 7 chrB4.992402A | G | 0.2202 | 3982 |
| 7 chrUn.676880A | G | 0.06735 | 3890 |
| 7 chrB4.992651A | C | 0.1463 | 3978 |
| 7 chrB4.993250A | G | 0.02096 | 4008 |
| 7 chrB4.994327G | A | 0.3167 | 3982 |
| 7 chrB4.994640A | G | 0.3746 | 4004 |
| 7 chrB4.994903A | G | 0.0984 | 4004 |
| 7 chrB4.995573A | G | 0.4572 | 3994 |
| 7 chrUn.551200A | G | 0.3453 | 3982 |
| 7 chrB4.996682C | A | 0.003992 | 4008 |
| 7 chrB4.996512A | G | 0.3909 | 3998 |
| 7 chrB4.997087A | G | 0.2206 | 3998 |
| 7 chrB4.997910A | G | 0.3191 | 3898 |
| 7 chrB4.998221A | G | 0.318 | 3990 |
| 7 chrUn29.2480C | A | 0.4645 | 3940 |
| 7 chrB4.928578G | A | 0.231 | 4004 |
| 7 chrB4.998846G | A | 0.3289 | 3880 |
| 7 chrB4.999978A | G | 0.06054 | 3898 |
| 7 chrD2.168443G | A | 0.3201 | 3908 |

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| 7 chrUn10.1097A | C | 0.1018 | 3682 |
| 7 chrB4.100236G | A | 0.09317 | 3982 |
| 7 chrB4.100281A | G | 0.1575 | 4006 |
| 7 chrB4.100341G | A | 0.2583 | 3988 |
| 7 chrUn3.94889A | G | 0.1181 | 3970 |
| 7 chrUn14.304 G | A | 0.2412 | 3972 |
| 7 chrB4.100395G | A | 0.06823 | 3620 |
| 7 chrUn27.2791C | A | 0.06534 | 4010 |
| 7 chrUn3.95441A | G | 0.3992 | 3970 |
| 7 chrB2.158584G | A | 0.1969 | 4002 |
| 7 chrUn29.3431A | G | 0.2239 | 3980 |
| 7 chrUn29.3321G | A | 0.2113 | 3976 |
| 7 chrUn29.2911G | A | 0.07958 | 3996 |
| 7 chrUn8.57941A | G | 0.1905 | 4000 |
| 7 chrUn10.3411A | G | 0.1625 | 3962 |
| 7 chrB4.100436A | G | 0.173 | 4000 |
| 7 chrB4.100486G | A | 0.4429 | 3990 |
| 7 chrB4.100494A | G | 0.3827 | 3998 |
| 7 chrB4.100534A | G | 0.269 | 4008 |
| 7 chrB4.100611A | G | 0.09351 | 3978 |
| 7 SILV.228 | 0 C | 0 | 4008 |
| 7 chrB4.100678G | A | 0.04564 | 4010 |
| 7 chrB4.100714C | A | 0.3006 | 3986 |
| 7 chrB4.100763A | C | 0.07025 | 4000 |
| 7 chrB4.100812C | A | 0.4497 | 3996 |
| 7 chrB4.100868A | G | 0.1173 | 3990 |
| 7 chrB4.100918G | A | 0.02479 | 3994 |
| 7 chrB4.100981G | A | 0.07523 | 3948 |
| 7 chrB4.101006A | G | 0.03248 | 4002 |
| 7 chrB4.101059A | G | 0.2176 | 4008 |
| 7 chrB4.101113G | A | 0.0349 | 3954 |
| 7 chrB4.101223G | A | 0.1403 | 4006 |
| 7 chrB4.101257G | A | 0.0915 | 4000 |
| 7 chrB4.101321A | G | 0.09381 | 4008 |
| 7 chrB4.101341A | G | 0.2363 | 4008 |
| 7 chrB4.101359A | G | 0.054 | 4000 |
| 7 chrB4.101399G | A | 0.09515 | 4004 |
| 7 chrB4.101438A | G | 0.1841 | 4004 |
| 7 chrB4.101464A | G | 0.2534 | 3998 |
| 7 chrB4.101549C | A | 0.18 | 4010 |
| 7 chrB4.101505G | A | 0.244 | 4000 |

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| 7 chrB4.101625A | G | 0.1853 | 4004 |
| 7 chrB4.101666A | G | 0.1331 | 4004 |
| 7 chrB4.101760A | G | 0.1661 | 3986 |
| 7 chrB4.101787G | A | 0.08508 | 4008 |
| 7 chrB4.101819G | A | 0.08733 | 4008 |
| 7 chrB4.101852A | G | 0.3078 | 3960 |
| 7 chrB4.101865G | A | 0.04968 | 4006 |
| 7 chrB4.101893G | A | 0.1811 | 3998 |
| 7 chrB4.101917A | C | 0.4727 | 3848 |
| 7 chrB4.101957G | A | 0.3266 | 3996 |
| 7 chrB4.102032C | A | 0.2172 | 3954 |
| 7 chrB4.102093A | C | 0.1069 | 3994 |
| 7 chrB4.102183G | A | 0.4415 | 3900 |
| 7 chrB4.102211A | C | 0.1552 | 3950 |
| 7 chrB4.102280C | A | 0.2653 | 3988 |
| 7 chrB4.102345C | A | 0.2815 | 4000 |
| 7 chrB4.102383A | C | 0.2794 | 3990 |
| 7 chrB4.102420A | G | 0.1301 | 3988 |
| 7 chrB4.102495G | A | 0.01622 | 4008 |
| 7 chrB4.102534A | G | 0.2169 | 3998 |
| 7 chrB4.102574A | G | 0.3085 | 4006 |
| 7 chrB4.102672A | G | 0.4559 | 3856 |
| 7 chrB4.102769G | A | 0.2827 | 4004 |
| 7 chrB4.102780A | G | 0.09865 | 4004 |
| 7 chrB4.102861A | G | 0.4216 | 3994 |
| 7 chrB4.102898G | A | 0.326 | 4000 |
| 7 chrB1.576331A | G | 0.1759 | 3996 |
| 7 chrB4.102926A | G | 0.1179 | 3968 |
| 7 chrB4.102998A | G | 0.09279 | 3858 |
| 7 chrB4.103063A | G | 0.3049 | 3992 |
| 7 chrB4.103102A | G | 0.228 | 3992 |
| 7 chrB4.103148G | A | 0.04895 | 4004 |
| 7 chrB4.103185A | G | 0.1688 | 3992 |
| 7 chrB4.103248A | G | 0.1075 | 4008 |
| 7 chrB4.103354A | G | 0.2672 | 4004 |
| 7 chrUn.665839G | A | 0.123 | 3984 |
| 7 chrB4.103454G | A | 0.1249 | 3996 |
| 7 chrB4.103515A | G | 0.1623 | 3998 |
| 7 chrB4.103517A | G | 0.1608 | 3992 |
| 7 chrB4.103534 | 0 G | 0 | 4008 |
| 7 chrB4.103554A | G | 0.3307 | 3988 |

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| 7 chrB4.103631A | C | 0.3018 | 3800 |
| 7 chrB4.103666A | G | 0.3274 | 3980 |
| 7 chrB4.103711G | A | 0.4967 | 3996 |
| 7 chrB4.103779A | G | 0.004854 | 3914 |
| 7 chrB4.103820A | G | 0.3376 | 3916 |
| 7 chrB4.103896C | A | 0.3842 | 3998 |
| 7 chrB4.103937A | G | 0.4318 | 4000 |
| 7 chrB4.104026A | G | 0.3497 | 3846 |
| 7 chrB4.104112C | A | 0.2577 | 3942 |
| 7 chrB4.104175A | C | 0.1174 | 3986 |
| 7 chrB4.104202C | A | 0.1382 | 3972 |
| 7 chrUn.575438A | G | 0.3126 | 3890 |
| 7 chrB4.104226G | A | 0.3489 | 3990 |
| 7 chrB4.104273A | G | 0.1166 | 3988 |
| 7 chrB4.104323A | C | 0.004741 | 4008 |
| 7 chrB4.104359A | G | 0.4339 | 3948 |
| 7 chrB4.104398G | A | 0.01497 | 4008 |
| 7 chrB4.104447A | G | 0.2451 | 4006 |
| 7 chrB4.104510A | G | 0.1347 | 3994 |
| 7 chrB4.104537G | A | 0.3021 | 3734 |
| 7 chrB4.104630A | G | 0.01449 | 4002 |
| 7 chrB4.104675A | G | 0.265 | 4000 |
| 7 chrUn.749149A | G | 0.3196 | 3964 |
| 7 chrB4.104741A | G | 0.2426 | 3912 |
| 7 chrB4.104816G | A | 0.0478 | 3996 |
| 7 chrB4.104842A | G | 0.08766 | 4004 |
| 7 chrB4.104873G | A | 0.2552 | 3930 |
| 7 chrB4.104901A | G | 0.1567 | 4000 |
| 7 chrB4.104926A | G | 0.24 | 3962 |
| 7 chrB4.104999A | C | 0.2591 | 3994 |
| 7 chrB4.105063G | A | 0.3177 | 3994 |
| 7 chrB4.105101A | G | 0.06381 | 3996 |
| 7 chrB4.105133C | A | 0.3202 | 3982 |
| 7 chrB4.105256A | G | 0.4159 | 3996 |
| 7 chrB4.105281A | G | 0.4387 | 3966 |
| 7 chrB4.105282A | G | 0.06728 | 3998 |
| 7 chrB4.105329A | C | 0.09213 | 3788 |
| 7 chrB4.105368A | G | 0.2186 | 3948 |
| 7 chrB4.105402C | A | 0.01124 | 4004 |
| 7 chrB4.105478A | G | 0.449 | 4000 |
| 7 chrB4.105512A | G | 0.4368 | 4000 |

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| 7 chrB4.105552C | A | 0.1225 | 3926 |
| 7 chrUn.437923A | G | 0.1617 | 3990 |
| 7 chrB4.105597A | G | 0.1056 | 4006 |
| 7 chrB4.105622G | A | 0.2674 | 3986 |
| 7 chrB4.105681A | G | 0.08211 | 3946 |
| 7 chrB4.105740G | A | 0.003805 | 3942 |
| 7 chrB4.105777A | G | 0.08109 | 3786 |
| 7 chrB4.105849G | A | 0.2177 | 4000 |
| 7 chrB4.105889A | C | 0.08006 | 3772 |
| 7 chrB4.105921G | A | 0.3867 | 3990 |
| 7 chrB4.105945A | G | 0.1621 | 4004 |
| 7 chrB4.105980A | G | 0.3545 | 3986 |
| 7 chrB4.106025A | G | 0.08942 | 3970 |
| 7 chrB4.106084A | G | 0.2347 | 3946 |
| 7 chrB4.106127A | G | 0.4909 | 3948 |
| 7 chrB4.106165A | G | 0.3218 | 4002 |
| 7 chrB4.106207A | C | 0.352 | 3994 |
| 7 chrB4.106258G | A | 0.1992 | 3976 |
| 7 chrB4.106291A | C | 0.06663 | 3992 |
| 7 chrB4.106324A | G | 0.05646 | 3808 |
| 7 chrB4.106402A | G | 0.1001 | 4006 |
| 7 chrB4.106460A | C | 0.3979 | 3978 |
| 7 chrB4.106501A | G | 0.07189 | 3992 |
| 7 chrB4.106527G | A | 0.4076 | 3994 |
| 7 chrB3.295251A | G | 0.1333 | 3992 |
| 7 chrB4.106577A | G | 0.06316 | 3958 |
| 7 chrB4.106623A | G | 0.4268 | 4002 |
| 7 chrB4.106664G | A | 0.001747 | 4008 |
| 7 chrB4.106716G | A | 0.103 | 3952 |
| 7 chrUn.784886G | A | 0.3041 | 3824 |
| 7 chrB4.106742A | G | 0.3244 | 3856 |
| 7 chrUn.343674G | A | 0.2224 | 3876 |
| 7 chrB4.106811G | A | 0.06929 | 3940 |
| 7 chrB4.106847G | A | 0.1671 | 3998 |
| 7 chrB4.106895A | C | 0.2552 | 3938 |
| 7 chrB4.106934C | A | 0.1516 | 3906 |
| 7 chrB4.106967A | G | 0.135 | 4006 |
| 7 chrB4.107005G | A | 0.109 | 4008 |
| 7 chrB4.107053A | G | 0.07581 | 3654 |
| 7 chrB4.107080G | A | 0.2362 | 3976 |
| 7 chrB4.107107A | G | 0.2599 | 4002 |

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| 7 chrB4.107181A | G | 0.09729 | 3978 |
| 7 chrB4.107229A | G | 0.0996 | 3996 |
| 7 chrB4.107261C | A | 0.217 | 3990 |
| 7 chrB4.107301T | A | 0.1883 | 3914 |
| 7 chrB4.107339G | A | 0.2896 | 3916 |
| 7 chrB4.107399A | G | 0.2162 | 4000 |
| 7 chrB4.107469A | G | 0.1932 | 3954 |
| 7 chrB4.107509G | A | 0.05556 | 3978 |
| 7 chrB4.107569G | A | 0.496 | 4000 |
| 7 chrB4.107599G | A | 0.1862 | 3984 |
| 7 chrB4.107639G | A | 0.4027 | 3978 |
| 7 chrB4.107669A | G | 0.2015 | 3996 |
| 7 chrB4.107751A | G | 0.1555 | 4006 |
| 7 chrB4.107829A | C | 0.3363 | 3874 |
| 7 chrB4.107891C | A | 0.2466 | 3998 |
| 7 chrB4.107919A | C | 0.09011 | 3984 |
| 7 chrB4.107959G | A | 0.06444 | 4004 |
| 7 chrB4.107989A | G | 0.2378 | 3924 |
| 7 chrB4.108009A | G | 0.1363 | 3946 |
| 7 chrB4.108049G | A | 0.08417 | 4004 |
| 7 chrE2.388255A | G | 0.1728 | 3970 |
| 7 chrB4.108131G | A | 0.08404 | 3998 |
| 7 chrB4.108229G | A | 0.3762 | 4000 |
| 7 chrB4.108259A | C | 0.1031 | 3920 |
| 7 chrB4.108329A | G | 0.02801 | 3998 |
| 7 chrB4.108359A | G | 0.09095 | 3980 |
| 7 chrB4.108381C | A | 0.07014 | 4006 |
| 7 chrB4.108459G | A | 0.223 | 4000 |
| 7 chrB4.108579A | G | 0.3552 | 3992 |
| 7 chrB4.108621C | A | 0.3575 | 3978 |
| 7 chrB4.108669A | G | 0.4243 | 3992 |
| 7 chrB4.108699C | A | 0.0989 | 3984 |
| 7 chrB4.108769A | G | 0.05559 | 3670 |
| 7 chrB4.108799G | A | 0.421 | 4000 |
| 7 chrB4.108829C | A | 0.3508 | 3994 |
| 7 chrB4.108879G | A | 0.1005 | 4008 |
| 7 chrB4.108991G | A | 0.0699 | 4006 |
| 7 chrB4.109049A | G | 0.1583 | 4004 |
| 7 chrB4.109059A | C | 0.1694 | 3960 |
| 7 chrB4.109079A | G | 0.1056 | 3978 |
| 7 chrB4.109119A | G | 0.1059 | 3974 |

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| 7 chrB4.109165A | G | 0.4353 | 4000 |
| 7 chrB4.109216A | G | 0.1211 | 4004 |
| 7 chrA1.556601G | A | 0.4983 | 4000 |
| 7 chrB4.109280G | A | 0.01264 | 3796 |
| 7 chrB4.109328A | G | 0.3258 | 3984 |
| 7 chrB4.109365A | G | 0.4654 | 3994 |
| 7 chrUn.291891G | A | 0.1154 | 3986 |
| 7 chrUn.480071G | A | 0.1138 | 3980 |
| 7 chrB4.109425G | A | 0.462 | 3972 |
| 7 chrB4.109525A | G | 0.3864 | 3996 |
| 7 chrB4.109566A | G | 0.3065 | 4000 |
| 7 chrB4.109616G | A | 0.005492 | 4006 |
| 7 chrB4.109650A | G | 0.1095 | 4008 |
| 7 chrB4.109657G | A | 0.483 | 4008 |
| 7 chrB4.109685G | A | 0.1919 | 4002 |
| 7 chrUn.329131A | G | 0.4097 | 4000 |
| 7 chrB4.109728G | A | 0.3989 | 3998 |
| 7 chrB4.109790G | A | 0.4107 | 3962 |
| 7 chrB4.109822G | A | 0.4037 | 3884 |
| 7 chrB4.109847G | A | 0.3779 | 3906 |
| 7 chrB4.109932C | A | 0.127 | 3858 |
| 7 chrB4.109969A | G | 0.1146 | 3900 |
| 7 chrB4.109995A | G | 0.4733 | 4008 |
| 7 chrB4.110030A | G | 0.2619 | 3734 |
| 7 chrB4.110059G | A | 0.4099 | 3972 |
| 7 chrB4.110079C | A | 0.01711 | 3740 |
| 7 chrB4.110107A | C | 0.04682 | 3930 |
| 7 chrB4.110141A | G | 0.128 | 4008 |
| 7 chrB4.110225A | G | 0.03854 | 3944 |
| 7 chrB4.110257A | C | 0.4714 | 3986 |
| 7 chrB4.110309G | A | 0.1372 | 3994 |
| 7 chrB4.110378G | A | 0.4977 | 3994 |
| 7 chrB4.110548G | A | 0.1622 | 4002 |
| 7 chrB4.110582A | G | 0.4995 | 3988 |
| 7 chrB4.110611A | C | 0.2602 | 3990 |
| 7 chrB4.110650A | G | 0.2902 | 4004 |
| 7 chrB4.110680G | A | 0.2471 | 3994 |
| 7 chrB4.110706A | G | 0.00732 | 3962 |
| 7 chrB4.110739G | A | 0.4932 | 3990 |
| 7 chrB4.110785A | G | 0.2254 | 4002 |
| 7 chrB4.110845A | G | 0.3846 | 4004 |

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| 7 chrB4.11085(A | C | 0.1927 | 4006 |
| 7 chrB4.11089(A | G | 0.2007 | 4006 |
| 7 chrB4.11092(A | C | 0.4074 | 4006 |
| 7 chrB4.11096(A | C | 0.1003 | 3990 |
| 7 chrB4.11101(A | G | 0.07573 | 3988 |
| 7 chrB4.11106(A | A | 0.4758 | 4006 |
| 7 chrB4.11110(A | G | 0.4036 | 3984 |
| 7 chrB4.11114(A | C | 0.205 | 3990 |
| 7 chrB4.11119(A | A | 0.1618 | 3992 |
| 7 chrB4.11119(A | A | 0.4957 | 3988 |
| 7 chrB4.11123(A | G | 0.1677 | 4008 |
| 7 chrB4.11130(A | G | 0.4195 | 3998 |
| 7 chrB4.11134(A | G | 0.1756 | 3970 |
| 7 chrB4.11142(A | A | 0.4239 | 3966 |
| 7 chrB4.11146(A | A | 0.2318 | 3986 |
| 7 chrB4.11154(A | A | 0.001253 | 3990 |
| 7 chrB4.11157(A | A | 0.3011 | 4002 |
| 7 chrB4.11162(A | C | 0.4708 | 4002 |
| 7 chrB4.11168(A | A | 0.475 | 3996 |
| 7 chrB4.11173(A | A | 0.1885 | 4006 |
| 7 chrB4.11176(A | C | 0.4394 | 3996 |
| 7 chrB4.11182(A | A | 0.3874 | 3978 |
| 7 chrB4.11185(A | A | 0.3446 | 3958 |
| 7 chrB4.11186(A | A | 0.1603 | 4000 |
| 7 chrB4.11190(A | G | 0.2001 | 3998 |
| 7 chrB4.11200(A | A | 0.42 | 3926 |
| 7 chrB4.11206(A | G | 0.03477 | 3998 |
| 7 chrB4.11210(A | A | 0.4002 | 3986 |
| 7 chrB4.11214(A | A | 0.4225 | 4000 |
| 7 chrB4.11221(A | A | 0.3119 | 3992 |
| 7 chrB4.11223(A | G | 0.3034 | 4004 |
| 7 chrB4.11226(A | C | 0.2992 | 3924 |
| 7 chrB4.11230(A | G | 0.2079 | 3974 |
| 7 chrB4.11236(A | A | 0.04908 | 3790 |
| 7 chrB4.11239(A | A | 0.06063 | 4008 |
| 7 chrB4.11245(A | A | 0.453 | 3918 |
| 7 chrB4.11248(A | G | 0.2621 | 4002 |
| 7 chrB4.11251(A | A | 0.4521 | 3756 |
| 7 chrB4.11253(A | G | 0.4939 | 3928 |
| 7 chrB4.11260(A | A | 0.2145 | 3982 |
| 7 chrB4.11267(A | A | 0.3445 | 3942 |

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| 7 chrB4.112745C | A | 0.3593 | 3994 |
| 7 chrB4.112823A | G | 0.1736 | 4010 |
| 7 chrB4.112853A | G | 0.3122 | 3966 |
| 7 chrB4.112888A | G | 0.1336 | 3998 |
| 7 chrB4.112927G | A | 0.38 | 3992 |
| 7 chrB4.112994A | G | 0.06317 | 3894 |
| 7 chrB4.113053C | A | 0.4459 | 3972 |
| 7 chrB4.113100A | G | 0.09406 | 4008 |
| 7 chrB4.113136A | G | 0.01746 | 4010 |
| 7 chrB4.113223A | G | 0.3632 | 3816 |
| 7 chrB4.113259A | C | 0.4967 | 3984 |
| 7 chrB4.113307G | A | 0.286 | 3996 |
| 7 chrB4.113343A | G | 0.4672 | 3958 |
| 7 chrB4.113423A | G | 0.3225 | 3926 |
| 7 chrB4.113458A | G | 0.1201 | 4004 |
| 7 chrB4.113523A | G | 0.08983 | 3796 |
| 7 chrB4.113614G | A | 0.3114 | 3998 |
| 7 chrB4.113647G | A | 0.2451 | 3962 |
| 7 chrB4.113773A | G | 0.4895 | 4002 |
| 7 chrB4.113794G | A | 0.2018 | 4004 |
| 7 chrB4.113890A | G | 0.482 | 4004 |
| 7 chrB4.113948G | A | 0.2367 | 3840 |
| 7 chrB4.114019A | G | 0.3943 | 3992 |
| 7 chrB4.114050G | A | 0.4088 | 3992 |
| 7 chrB4.114134A | G | 0.4703 | 3976 |
| 7 chrB4.114170A | G | 0.4752 | 3994 |
| 7 chrB4.114210A | G | 0.1851 | 3932 |
| 7 chrB4.114278G | A | 0.3217 | 3938 |
| 7 chrB4.114315G | A | 0.215 | 4004 |
| 7 chrB4.114381A | G | 0.4047 | 3946 |
| 7 chrB4.114430A | G | 0.3146 | 3996 |
| 7 chrB4.114460A | G | 0.1311 | 3998 |
| 7 chrB4.114530A | G | 0.3839 | 4006 |
| 7 chrB4.114583A | G | 0.1644 | 3990 |
| 7 chrB4.114630A | C | 0.1656 | 3810 |
| 7 chrB4.114663A | G | 0.01676 | 3998 |
| 7 chrB4.114693G | A | 0.02696 | 4006 |
| 7 chrB4.114793A | G | 0.1705 | 4000 |
| 7 chrB4.114890G | A | 0.05617 | 4006 |
| 7 chrB4.114929A | G | 0.1255 | 4008 |
| 7 chrB4.114987A | G | 0.2853 | 3926 |

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| 7 chrB4.115015G | A | 0.02023 | 4004 |
| 7 chrB4.115065G | A | 0.0182 | 3956 |
| 7 chrB4.115097A | G | 0.354 | 3926 |
| 7 chrB4.115154G | A | 0.03821 | 4004 |
| 7 chrB4.115181C | A | 0.3972 | 3882 |
| 7 chrB4.115222G | A | 0.261 | 3962 |
| 7 chrB4.115279A | G | 0.1422 | 3994 |
| 7 chrB4.115303A | C | 0.09373 | 3958 |
| 7 chrB4.115334A | G | 0.1787 | 3940 |
| 7 chrB4.115367G | A | 0.1455 | 3994 |
| 7 chrB4.115393G | A | 0.348 | 3986 |
| 7 chrD1.150898G | A | 0.03969 | 4006 |
| 7 chrD1.150799A | G | 0.2966 | 4002 |
| 7 chrB3.123611G | A | 0.2291 | 3986 |
| 7 chrB4.115557A | C | 0.1198 | 3766 |
| 7 chrB4.115593A | G | 0.2246 | 3984 |
| 7 chrB4.115624A | G | 0.1913 | 4004 |
| 7 chrB4.115710A | G | 0.2234 | 3984 |
| 7 chrB4.115751A | G | 0.007011 | 3994 |
| 7 chrB4.115753G | A | 0.1956 | 3998 |
| 7 chrB4.115778G | A | 0.2358 | 3826 |
| 7 chrB4.115825G | A | 0.4987 | 3998 |
| 7 chrB4.115853G | A | 0.3463 | 3996 |
| 7 chrB4.115894A | G | 0.1704 | 4008 |
| 7 chrB4.115933A | G | 0.2189 | 4006 |
| 7 chrB4.116004G | A | 0.335 | 4000 |
| 7 chrB4.116164G | A | 0.2701 | 4002 |
| 7 chrB4.116190A | G | 0.3395 | 3950 |
| 7 chrB4.116215G | A | 0.03532 | 3850 |
| 7 chrB4.116255G | A | 0.3672 | 4000 |
| 7 chrB4.116321G | A | 0.241 | 3992 |
| 7 chrB4.116369A | G | 0.3442 | 3960 |
| 7 chrB4.116393A | G | 0.2101 | 3832 |
| 7 chrUn.599730G | A | 0.01226 | 3998 |
| 7 chrB4.116430A | G | 0.2841 | 3988 |
| 7 chrB4.116464G | A | 0.01971 | 4008 |
| 7 chrB4.116510G | A | 0.03475 | 4000 |
| 7 chrB4.116572A | G | 0.0002494 | 4010 |
| 7 chrB4.116609A | G | 0.1445 | 4006 |
| 7 chrB4.116636A | C | 0.1769 | 3996 |
| 7 chrB4.116672A | G | 0.108 | 3990 |

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| 7 chrB4.116747A | G | 0.03616 | 4010 |
| 7 chrB4.116771A | G | 0.03754 | 3996 |
| 7 chrB4.116799G | A | 0.4035 | 3970 |
| 7 chrB4.116844A | G | 0.4123 | 4002 |
| 7 chrB4.116899A | G | 0.3368 | 3988 |
| 7 chrB4.116937A | G | 0.1085 | 4010 |
| 7 chrB4.116981G | A | 0.3527 | 3984 |
| 7 chrB4.117001A | G | 0.4403 | 4006 |
| 7 chrB4.117039A | G | 0.217 | 3990 |
| 7 chrB4.117069 | 0 A | 0 | 4010 |
| 7 chrB4.117082G | A | 0.17 | 4006 |
| 7 chrB4.117169G | A | 0.0007481 | 4010 |
| 7 chrB1.195228A | G | 0.1373 | 3968 |
| 7 chrB4.117237G | A | 0.1853 | 3982 |
| 7 chrB4.117267A | G | 0.2328 | 3956 |
| 7 chrB4.117326A | G | 0.02578 | 3996 |
| 7 chrB4.117374G | A | 0.2724 | 3994 |
| 7 chrUn.20379(A | G | 0.2481 | 4002 |
| 7 chrB4.117479A | G | 0.09899 | 3950 |
| 7 chrB4.117509A | G | 0.01672 | 4006 |
| 7 chrB4.11756(A | G | 0.231 | 4004 |
| 7 chrB4.117684A | C | 0.3121 | 3900 |
| 7 chrB4.117708G | A | 0.1546 | 3900 |
| 7 chrB4.117746G | A | 0.4171 | 3980 |
| 7 chrB4.117798G | A | 0.4521 | 3844 |
| 7 chrB4.117854G | A | 0.112 | 4000 |
| 7 chrB4.11788(A | G | 0.2825 | 4004 |
| 7 chrB4.117931A | G | 0.2866 | 4002 |
| 7 chrB4.117956A | G | 0.2264 | 3896 |
| 7 chrB4.11799(A | C | 0.4611 | 3882 |
| 7 chrB4.118021C | A | 0.4293 | 3972 |
| 7 chrB4.118049A | C | 0.3314 | 3992 |
| 7 chrB4.118119C | A | 0.3755 | 4000 |
| 7 chrB4.118152G | A | 0.05596 | 3842 |
| 7 chrB4.118199G | A | 0.01421 | 4010 |
| 7 chrB4.11827(A | A | 0.4044 | 3724 |
| 7 chrB4.118309A | G | 0.3953 | 3994 |
| 7 chrB4.11837(A | A | 0.3739 | 4004 |
| 7 chrB4.11840(A | G | 0.1126 | 4004 |
| 7 chrB4.118487A | G | 0.345 | 3936 |
| 7 chrB4.118506A | G | 0.295 | 3996 |

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| 7 chrB4.118533A | G | 0.2446 | 3998 |
| 7 chrB4.118596A | G | 0.483 | 3994 |
| 7 chrB4.118632A | G | 0.3213 | 3906 |
| 7 chrB4.118674G | A | 0.0477 | 4004 |
| 7 chrB4.118722A | G | 0.4681 | 3946 |
| 7 chrB4.118753A | G | 0.1606 | 3930 |
| 7 chrUn.432886A | G | 0.1039 | 3954 |
| 7 chrB4.118843A | C | 0.03616 | 3872 |
| 7 chrB4.118867A | G | 0.2935 | 3990 |
| 7 chrB4.118940G | A | 0.2402 | 3876 |
| 7 chrB4.118976A | C | 0.2756 | 3992 |
| 7 chrB4.119003G | A | 0.2726 | 3914 |
| 7 chrB4.119065A | G | 0.03497 | 4004 |
| 7 chrB4.119115A | C | 0.02975 | 3966 |
| 7 chrB4.119143G | A | 0.0176 | 3806 |
| 7 chrB4.119189G | A | 0.04065 | 3936 |
| 7 chrB4.119229A | G | 0.2496 | 3774 |
| 7 chrB4.119262A | G | 0.4243 | 3974 |
| 7 chrB4.119287A | G | 0.05891 | 4006 |
| 7 chrB4.119315G | A | 0.3835 | 3964 |
| 7 chrB4.119353C | A | 0.2339 | 3998 |
| 7 chrB4.119445A | G | 0.004145 | 3860 |
| 7 chrB4.119474A | G | 0.4139 | 3960 |
| 7 chrB4.119517A | G | 0.4874 | 3964 |
| 7 chrB4.119576A | G | 0.4494 | 3996 |
| 7 chrB4.119600A | G | 0.01155 | 3896 |
| 7 chrB4.119634A | G | 0.4035 | 3854 |
| 7 chrB4.119679A | G | 0.1394 | 4010 |
| 7 chrB4.119705A | G | 0.09461 | 4006 |
| 7 chrB4.119708G | A | 0.4949 | 3922 |
| 7 chrUn10.1069G | A | 0.456 | 3996 |
| 7 chrUn10.1489A | C | 0.4992 | 3868 |
| 7 chrUn10.1736A | C | 0.326 | 3994 |
| 7 chrUn10.2114G | A | 0.2646 | 3976 |
| 7 chrUn10.2217A | C | 0.01833 | 3710 |
| 7 chrUn10.2377G | A | 0.3416 | 3706 |
| 7 chrUn10.2759G | A | 0.1396 | 4004 |
| 7 chrUn.223293A | G | 0.07333 | 3900 |
| 7 chrUn10.3520G | A | 0.2357 | 4000 |
| 7 chrUn10.4047G | A | 0.2274 | 3998 |
| 7 chrUn10.4376A | G | 0.1085 | 3990 |

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| 7 chrUn10.516(A | C | 0.1541 | 3622 |
| 7 chrUn.62235(A | A | 0.1844 | 4002 |
| 7 chrUn10.587(A | C | 0.4461 | 3974 |
| 7 chrUn10.617(A | C | 0.09431 | 3658 |
| 7 chrUn10.683(A | G | 0.1624 | 4002 |
| 7 chrUn10.694(G | A | 0.02609 | 3718 |
| 7 chrUn10.724(A | G | 0.1876 | 3998 |
| 7 chrUn10.767(A | G | 0.1031 | 3996 |
| 7 chrUn10.824(A | G | 0.2088 | 3918 |
| 7 chrUn10.911(A | C | 0.2892 | 3956 |
| 7 chrUn10.921(A | G | 0.3222 | 3998 |
| 7 chrUn10.938(A | G | 0.2911 | 3992 |
| 7 chrUn.46800(G | A | 0.3997 | 3950 |
| 7 chrUn10.985(G | A | 0.4845 | 3998 |
| 7 chrB3.90056(A | G | 0.07809 | 4008 |
| 7 chrB3.90114(G | A | 0.4943 | 4002 |
| 7 chrB3.90292(C | A | 0.07688 | 4006 |
| 7 chrB3.90357(A | G | 0.0002498 | 4004 |
| 7 chrB3.90364(A | A | 0.3774 | 3988 |
| 7 chrB3.90434(A | G | 0.1329 | 3996 |
| 7 chrB3.90477(A | G | 0.3827 | 4006 |
| 7 chrB3.90579(A | A | 0.1484 | 4010 |
| 7 chrB3.90666(A | C | 0.1875 | 3978 |
| 7 chrB3.90705(A | A | 0.1196 | 3988 |
| 7 chrB3.90740(A | G | 0.2577 | 4008 |
| 7 chrB3.90741(A | G | 0.1096 | 4004 |
| 7 chrB3.90795(A | G | 0.1911 | 3946 |
| 7 chrB3.90854(A | C | 0.0971 | 4006 |
| 7 chrB3.90889(A | A | 0.2529 | 4002 |
| 7 chrB3.90915(A | C | 0.0947 | 4002 |
| 7 chrB3.90942(A | G | 0.002494 | 4010 |
| 7 chrB3.90975(A | C | 0.08483 | 4008 |
| 7 chrB3.91021(A | G | 0.05065 | 4008 |
| 7 chrB3.91029(A | G | 0.0764 | 3966 |
| 7 chrB3.91115(A | G | 0.2298 | 3994 |
| 7 chrB3.91152(A | A | 0.1465 | 4006 |
| 7 chrB3.91245(A | A | 0.1013 | 3858 |
| 7 chrB3.91335(A | A | 0.2386 | 3986 |
| 7 chrB3.91393(A | G | 0.1852 | 4002 |
| 7 chrB3.91423(A | G | 0.2227 | 3974 |
| 7 chrB3.91455(G | A | 0.3339 | 4004 |

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| 7 chrB3.914903A | G | 0.4323 | 4002 |
| 7 chrB3.917703G | A | 0.1585 | 3994 |
| 7 chrB3.917955A | G | 0.002745 | 4008 |
| 7 chrB3.918083G | A | 0.1219 | 4010 |
| 7 chrB3.918413G | A | 0.2241 | 3896 |
| 7 chrB3.918925A | G | 0.408 | 4002 |
| 7 chrB3.919318G | A | 0.05364 | 3952 |
| 7 chrB3.919741A | C | 0.2372 | 4000 |
| 7 chrB3.920328A | G | 0.2467 | 3992 |
| 7 chrB3.921095G | A | 0.206 | 3986 |
| 7 chrB3.922143A | G | 0.4724 | 3988 |
| 7 chrB3.922505G | A | 0.01079 | 3894 |
| 7 chrB3.922726G | A | 0.47 | 3972 |
| 7 chrB3.923334C | A | 0.2638 | 3996 |
| 7 chrB3.924832A | G | 0.4497 | 3998 |
| 7 chrB3.925844A | G | 0.4548 | 4004 |
| 7 chrB3.926438 | 0 G | 0 | 4006 |
| 7 chrB3.926450G | A | 0.3817 | 4006 |
| 7 chrB3.927210G | A | 0.1765 | 3882 |
| 7 chrB3.927847G | A | 0.4867 | 3982 |
| 7 chrB3.928133A | G | 0.07397 | 3988 |
| 7 chrB3.928466A | G | 0.3141 | 3938 |
| 7 chrB3.928952A | C | 0.3166 | 4002 |
| 7 chrB3.929235G | A | 0.1299 | 3918 |
| 7 chrB3.929845G | A | 0.2881 | 3926 |
| 7 chrB3.930751G | A | 0.3581 | 3982 |
| 7 chrB3.931088A | C | 0.2139 | 3998 |
| 7 chrB3.931337G | A | 0.3521 | 3990 |
| 7 chrUn.273221A | G | 0.4713 | 4004 |
| 7 chrB3.932435G | A | 0.4889 | 3956 |
| 7 chrB3.932875A | G | 0.1156 | 4006 |
| 7 chrB3.933502A | C | 0.1634 | 3996 |
| 7 chrB3.933818A | G | 0.1291 | 4006 |
| 7 chrB3.934134A | G | 0.1034 | 3994 |
| 7 chrB3.934502A | G | 0.2359 | 3998 |
| 7 chrB3.934938A | G | 0.1658 | 3992 |
| 7 chrB3.935250A | G | 0.2179 | 4006 |
| 7 chrB3.935971G | A | 0.1955 | 4000 |
| 7 chrB3.936255G | A | 0.1742 | 3996 |
| 7 chrB3.936537A | G | 0.0879 | 3982 |
| 7 chrB3.936822C | A | 0.1017 | 3962 |

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| 7 chrB3.937173A | G | 0.04573 | 4002 |
| 7 chrB3.937525A | G | 0.2954 | 3812 |
| 7 chrB3.937986A | G | 0.2163 | 3926 |
| 7 chrB3.938338C | A | 0.1923 | 3932 |
| 7 chrB3.938920A | G | 0.4795 | 4002 |
| 7 chrB3.939268G | A | 0.04539 | 4010 |
| 7 chrB3.939562A | G | 0.06991 | 3848 |
| 7 chrB3.940049G | A | 0.3315 | 3894 |
| 7 chrB3.940332C | A | 0.0327 | 4006 |
| 7 chrB3.940579G | A | 0.1133 | 3680 |
| 7 chrB3.941222G | A | 0.2106 | 3960 |
| 7 chrB3.941477G | A | 0.2737 | 4000 |
| 7 chrB3.941714A | G | 0.05843 | 3988 |
| 7 chrB3.942403A | G | 0.2574 | 4002 |
| 7 chrB3.942479C | A | 0.0605 | 4000 |
| 7 chrB3.942762C | A | 0.05865 | 3990 |
| 7 chrB3.943200A | C | 0.3727 | 3998 |
| 7 chrB3.943909G | A | 0.1951 | 4004 |
| 7 chrB3.944418C | A | 0.05631 | 3978 |
| 7 chrB3.944668 | 0 G | 0 | 4010 |
| 7 chrB3.944669A | C | 0.02913 | 3982 |
| 7 chrB3.945341G | A | 0.0756 | 4008 |
| 7 chrB3.945632A | G | 0.369 | 3984 |
| 7 chrB3.946478A | G | 0.1392 | 3986 |
| 7 chrA1.168825G | A | 0.3947 | 3968 |
| 7 chrB3.947105G | A | 0.449 | 4002 |
| 7 chrB4.120679G | A | 0.2862 | 3990 |
| 7 chrB4.120706G | A | 0.07677 | 3986 |
| 7 chrB4.120737A | G | 0.46 | 3798 |
| 7 chrB4.120774A | C | 0.1357 | 4010 |
| 7 chrB4.120816A | G | 0.1173 | 3682 |
| 7 chrB4.120824G | A | 0.01697 | 4008 |
| 7 chrB4.120881G | A | 0.04005 | 3970 |
| 7 chrB4.120917G | A | 0.1808 | 3988 |
| 7 chrB4.120998A | G | 0.05509 | 3794 |
| 7 chrB4.121027A | G | 0.1616 | 3844 |
| 7 chrB4.121057A | G | 0.2068 | 3974 |
| 7 chrB4.121083A | C | 0.4749 | 3988 |
| 7 chrB4.121136G | A | 0.03327 | 3998 |
| 7 chrB4.121166A | G | 0.4205 | 3998 |
| 7 chrB4.121198A | C | 0.02195 | 4010 |

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| 7 chrB4.121225G | A | 0.3847 | 3998 |
| 7 chrB4.121311A | G | 0.4536 | 3990 |
| 7 chrB4.121342G | A | 0.3163 | 4006 |
| 7 chrB4.121411A | G | 0.0479 | 4008 |
| 7 chrB4.121440A | C | 0.3109 | 3930 |
| 7 chrB4.121479A | G | 0.3757 | 3998 |
| 7 chrB4.121519G | A | 0.08485 | 3960 |
| 7 chrB4.121572A | G | 0.4808 | 4004 |
| 7 chrB4.121642A | G | 0.132 | 4000 |
| 7 chrB4.121747G | A | 0.4457 | 4000 |
| 7 chrB4.121796A | G | 0.1384 | 4004 |
| 7 chrB4.121921A | G | 0.01996 | 4008 |
| 7 chrB4.121960G | A | 0.1857 | 3996 |
| 7 chrB4.121983A | G | 0.05439 | 4008 |
| 7 chrB4.122017A | C | 0.008134 | 3934 |
| 7 chrUn.480610A | G | 0.4012 | 3876 |
| 7 chrB4.122081A | G | 0.1655 | 4006 |
| 7 chrB4.122132A | G | 0.4232 | 3998 |
| 7 chrB4.122180A | G | 0.1678 | 3988 |
| 7 chrB4.122204C | A | 0.24 | 4000 |
| 7 chrB4.122258G | A | 0.3045 | 3980 |
| 7 chrB4.122309A | G | 0.2042 | 3972 |
| 7 chrB4.122338A | G | 0.252 | 3976 |
| 7 chrB4.122362A | G | 0.3593 | 3972 |
| 7 chrB4.122413A | G | 0.4318 | 4000 |
| 7 chrB4.122453G | A | 0.4163 | 3990 |
| 7 chrB4.122479A | G | 0.1568 | 3992 |
| 7 chrB4.122544A | G | 0.03347 | 4004 |
| 7 chrB4.122574G | A | 0.4511 | 3928 |
| 7 chrB4.122606A | G | 0.001995 | 4010 |
| 7 chrB4.122630A | G | 0.3942 | 4006 |
| 7 chrB4.122684G | A | 0.2854 | 3882 |
| 7 chrB4.122715A | G | 0.002268 | 3968 |
| 7 chrB4.122737A | G | 0.2769 | 3994 |
| 7 chrB4.122800A | G | 0.3408 | 3996 |
| 7 chrB4.122878A | G | 0.07114 | 4006 |
| 7 chrB4.122907A | C | 0.1343 | 4006 |
| 7 chrB4.122950A | G | 0.1804 | 4008 |
| 7 chrB4.122990G | A | 0.2449 | 3982 |
| 7 chrB4.123060A | G | 0.2016 | 4002 |
| 7 chrB4.123090G | A | 0.3286 | 4008 |

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| 7 chrB4.123269G | A | 0.4367 | 3984 |
| 7 chrB4.123322G | A | 0.1012 | 4002 |
| 7 chrX.8410744G | A | 0.07788 | 3878 |
| 7 chrB4.123357G | A | 0.4997 | 3994 |
| 7 chrB4.123398G | A | 0.067 | 4000 |
| 7 chrB4.123431A | G | 0.06757 | 3996 |
| 7 chrB4.123466A | G | 0.2115 | 3966 |
| 7 chrB4.123502A | G | 0.02274 | 3914 |
| 7 chrB4.123591A | G | 0.004611 | 3904 |
| 7 chrB4.123700G | A | 0.2727 | 3986 |
| 7 chrB4.123740A | G | 0.1123 | 3624 |
| 7 chrB4.123813A | G | 0.3995 | 3970 |
| 7 chrB4.123863G | A | 0.07805 | 4010 |
| 7 chrB4.123893C | A | 0.4006 | 3992 |
| 7 chrB4.123932A | G | 0.3566 | 3926 |
| 7 chrB4.123960A | G | 0.3926 | 4002 |
| 7 chrB4.123996A | G | 0.4837 | 3990 |
| 7 chrB4.124024G | A | 0.05172 | 4002 |
| 7 chrB4.124056G | A | 0.2366 | 3990 |
| 7 chrB4.124083C | A | 0.205 | 3956 |
| 7 chrB4.124134G | A | 0.3944 | 3998 |
| 7 chrB4.124242A | G | 0.3136 | 3996 |
| 7 chrB4.124303G | A | 0.3753 | 3936 |
| 7 chrB4.124359G | A | 0.0888 | 3964 |
| 7 chrB4.124388A | G | 0.1587 | 3956 |
| 7 chrB4.124485A | G | 0.1949 | 3972 |
| 7 chrB4.124513A | G | 0.06953 | 3754 |
| 7 chrB4.124551A | G | 0.1974 | 4002 |
| 7 chrB4.124581G | A | 0.2491 | 4002 |
| 7 chrB4.124649G | A | 0.3862 | 4000 |
| 7 chrB4.124702A | G | 0.3392 | 4004 |
| 7 chrB4.124745G | A | 0.1146 | 4004 |
| 7 chrB4.124751G | A | 0.0547 | 4004 |
| 7 chrB4.124831A | G | 0.2651 | 4006 |
| 7 chrB4.124871A | G | 0.291 | 4000 |
| 7 chrB4.124899C | A | 0.3254 | 3998 |
| 7 chrB4.124925A | G | 0.0354 | 3672 |
| 7 chrB4.124951G | A | 0.4092 | 4008 |
| 7 chrB4.124990G | A | 0.4323 | 4004 |
| 7 chrB4.125049G | A | 0.2804 | 3998 |
| 7 chrB4.125102A | G | 0.2166 | 3888 |

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| 7 chrB4.125129A | G | 0.3299 | 3962 |
| 7 chrB4.125157A | C | 0.1029 | 3916 |
| 7 chrB4.125221C | A | 0.225 | 3906 |
| 7 chrB4.125246A | G | 0.2143 | 3896 |
| 7 chrB4.125369A | C | 0.05055 | 3798 |
| 7 chrB4.125398A | C | 0.4628 | 3846 |
| 7 chrB4.125425A | G | 0.1222 | 4000 |
| 7 chrB4.125572A | G | 0.356 | 3994 |
| 7 chrB4.125610G | A | 0.2488 | 3758 |
| 7 chrB4.125652G | A | 0.4354 | 3994 |
| 7 chrB4.125717A | G | 0.1651 | 3730 |
| 7 chrB4.125757G | A | 0.4481 | 3970 |
| 7 chrUn.58769A | G | 0.02345 | 4008 |
| 7 chrB4.125799G | A | 0.3481 | 3714 |
| 7 chrB4.125829A | G | 0.1352 | 3884 |
| 7 chrB4.125858A | G | 0.06793 | 4004 |
| 7 chrB4.125882A | G | 0.4164 | 3994 |
| 7 chrB4.125941A | G | 0.3766 | 3980 |
| 7 chrB4.125982A | G | 0.009481 | 4008 |
| 7 chrB4.126028A | G | 0.2691 | 3998 |
| 7 chrB4.126062A | G | 0.153 | 4006 |
| 7 chrB4.126102C | A | 0.1613 | 3750 |
| 7 chrB4.126125A | G | 0.09778 | 3968 |
| 7 chrB4.126156A | C | 0.07057 | 4010 |
| 7 chrB4.126241A | G | 0.2044 | 4006 |
| 7 chrB4.126306A | G | 0.1113 | 4006 |
| 7 chrB4.126353G | A | 0.4073 | 4002 |
| 7 chrB4.126390A | G | 0.1035 | 4008 |
| 7 chrB4.126444A | G | 0.4383 | 4002 |
| 7 chrB4.126457G | A | 0.4495 | 3984 |
| 7 chrB4.126516A | G | 0.08971 | 4002 |
| 7 chrB4.126530A | C | 0.1525 | 3870 |
| 7 chrB4.126576A | G | 0.06007 | 3862 |
| 7 chrB4.126626G | A | 0.08141 | 3992 |
| 7 chrB4.126667A | G | 0.4361 | 3990 |
| 7 chrB4.126697A | C | 0.07042 | 3976 |
| 7 chrB4.126750C | A | 0.2634 | 3930 |
| 7 chrB4.126830G | A | 0.3242 | 3988 |
| 7 chrB4.126892G | A | 0.2576 | 3964 |
| 7 chrB4.126920A | G | 0.08216 | 3980 |
| 7 chrB4.126948A | G | 0.06413 | 3992 |

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| 7 chrUn.67123!G | A | 0.1854 | 3916 |
| 7 chrB4.127039C | A | 0.4299 | 3782 |
| 7 chrB4.127064G | A | 0.4907 | 3966 |
| 7 chrB4.127129A | G | 0.3056 | 3986 |
| 7 chrB4.127182G | A | 0.3225 | 3982 |
| 7 chrB4.127224G | A | 0.1864 | 4002 |
| 7 chrB4.127249G | A | 0.371 | 3838 |
| 7 chrB4.127292A | G | 0.3929 | 3996 |
| 7 chrB4.127369A | C | 0.06116 | 4006 |
| 7 chrB4.127441C | A | 0.4147 | 3988 |
| 7 chrB4.127590G | A | 0.1388 | 3848 |
| 7 chrB4.127639A | C | 0.0596 | 4010 |
| 7 chrB4.127640G | A | 0.1696 | 4004 |
| 7 chrB4.127719A | G | 0.1977 | 3970 |
| 7 chrB4.127742G | A | 0.001497 | 4008 |
| 7 chrB4.127802A | G | 0.2426 | 3928 |
| 7 chrB4.127859A | C | 0.1878 | 3988 |
| 7 chrB4.127859 | 0 A | 0 | 4010 |
| 7 chrB4.127910A | G | 0.2461 | 3836 |
| 7 chrB4.127969A | G | 0.2975 | 3976 |
| 7 chrB4.128009G | A | 0.0317 | 4006 |
| 7 chrB4.128040G | A | 0.01058 | 3782 |
| 7 chrB4.128041A | C | 0.335 | 3830 |
| 7 chrB4.128126G | A | 0.002496 | 4006 |
| 7 chrB4.128161A | C | 0.3103 | 3890 |
| 7 chrB4.128194G | A | 0.2799 | 3980 |
| 7 chrB4.128292A | G | 0.2604 | 3998 |
| 7 chrB4.128331C | A | 0.04882 | 3974 |
| 7 chrB4.128356A | C | 0.1651 | 3980 |
| 7 chrB4.128398G | A | 0.2746 | 3976 |
| 7 chrB4.128471C | A | 0.4618 | 4008 |
| 7 chrB4.128529A | G | 0.06222 | 3986 |
| 7 chrB4.128576A | C | 0.07085 | 3952 |
| 7 chrB4.128609A | C | 0.01697 | 4006 |
| 7 chrD1.996867C | A | 0.06146 | 3726 |
| 7 chrB4.128654G | A | 0.2698 | 3980 |
| 7 chrB4.128701G | A | 0.348 | 4000 |
| 7 chrB4.128727G | A | 0.3946 | 4004 |
| 7 chrB4.128759G | A | 0.371 | 3976 |
| 7 chrB4.128867A | C | 0.2938 | 3992 |
| 7 chrB4.128919G | A | 0.2046 | 4002 |

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| 7 chrB4.128966A | G | 0.4573 | 3938 |
| 7 chrB4.129008G | A | 0.4854 | 3900 |
| 7 chrB4.129082A | G | 0.05389 | 3878 |
| 7 chrB4.129126A | G | 0.04884 | 3972 |
| 7 chrB4.129188G | A | 0.139 | 3956 |
| 7 chrB4.129259A | G | 0.419 | 3998 |
| 7 chrB4.129319A | G | 0.0543 | 3978 |
| 7 Phen_PRA_AIC | A | 0.02485 | 3944 |
| 7 chrB4.129353A | G | 0.2086 | 3984 |
| 7 chrB4.129427G | A | 0.2569 | 3826 |
| 7 chrB4.129469A | G | 0.1346 | 4004 |
| 7 chrB4.129502A | G | 0.1342 | 4002 |
| 7 chrB4.129527G | A | 0.2373 | 4008 |
| 7 chrB4.129581G | A | 0.05522 | 3966 |
| 7 chrB4.129674A | G | 0.4113 | 4000 |
| 7 chrB4.129719A | G | 0.005486 | 4010 |
| 7 chrB4.129760C | A | 0.1302 | 3962 |
| 7 chrB4.129821G | A | 0.467 | 4002 |
| 7 chrB4.129864G | A | 0.2887 | 4004 |
| 7 chrB4.129940C | A | 0.1766 | 4004 |
| 7 chrB4.130009A | C | 0.2161 | 4002 |
| 7 chrB4.130052C | A | 0.3147 | 3962 |
| 7 chrB4.130116G | A | 0.3491 | 4002 |
| 7 chrB4.130148A | G | 0.1982 | 3976 |
| 7 chrB4.130182G | A | 0.2259 | 3998 |
| 7 chrB4.130232G | A | 0.04114 | 3816 |
| 7 chrB4.130441A | G | 0.06434 | 4010 |
| 7 chrB4.130497A | G | 0.07837 | 3994 |
| 7 chrB4.130508G | A | 0.0004998 | 4002 |
| 7 chrB4.130540A | G | 0.04389 | 4010 |
| 7 chrB4.130586A | C | 0.2895 | 3966 |
| 7 chrB4.130619A | G | 0.4502 | 3978 |
| 7 chrB4.130626A | G | 0.00835 | 3952 |
| 7 chrB4.130664G | A | 0.3564 | 3998 |
| 7 chrB4.130689C | A | 0.3285 | 4000 |
| 7 chrB4.130753G | A | 0.06141 | 4006 |
| 7 chrB4.130843A | C | 0.04222 | 3908 |
| 7 chrB4.130892A | G | 0.4743 | 4004 |
| 7 chrB4.130946G | A | 0.26 | 4008 |
| 7 chrB4.131002G | A | 0.03367 | 4010 |
| 7 chrB4.131066G | A | 0.1976 | 4004 |

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| 7 chrB4.131092A | G | 0.4045 | 4002 |
| 7 chrB4.131131G | A | 0.2612 | 3878 |
| 7 chrB4.131202G | A | 0.1989 | 4002 |
| 7 chrB4.131250C | A | 0.1274 | 3964 |
| 7 chrB4.131315G | A | 0.1579 | 4002 |
| 7 chrUn.596587G | A | 0.2579 | 4002 |
| 7 chrB4.131345G | A | 0.1349 | 3982 |
| 7 chrB4.131370C | A | 0.4104 | 4006 |
| 7 chrB4.131428G | A | 0.155 | 4000 |
| 7 chrB4.131469A | G | 0.166 | 3856 |
| 7 chrB4.131498G | A | 0.3181 | 3926 |
| 7 chrB4.131530G | A | 0.32 | 4000 |
| 7 chrB4.131581A | C | 0.288 | 3962 |
| 7 chrB4.131617A | G | 0.2762 | 3986 |
| 7 chrB4.131726A | C | 0.02919 | 4008 |
| 7 chrB4.131811C | A | 0.478 | 3998 |
| 7 chrB4.131846A | C | 0.2055 | 4004 |
| 7 chrB4.131955A | G | 0.1746 | 3986 |
| 7 chrB4.131991A | G | 0.2217 | 3712 |
| 7 chrB4.132015A | G | 0.01506 | 3918 |
| 7 chrB4.132060G | A | 0.3396 | 3978 |
| 7 chrB4.132108A | G | 0.04391 | 3826 |
| 7 chrB4.132142G | A | 0.09082 | 4008 |
| 7 chrB4.132175C | A | 0.1652 | 3966 |
| 7 chrB4.132226A | G | 0.1463 | 4006 |
| 7 chrB4.132250G | A | 0.4003 | 4004 |
| 7 chrB4.132276G | A | 0.4646 | 3986 |
| 7 chrB4.132310A | G | 0.2532 | 4004 |
| 7 chrB4.132354G | A | 0.1083 | 3730 |
| 7 chrB4.132396A | G | 0.3117 | 3998 |
| 7 chrB4.132448C | A | 0.3577 | 3998 |
| 7 chrB4.132498A | G | 0.07805 | 4010 |
| 7 chrB4.132522G | A | 0.1325 | 3962 |
| 7 chrB4.132584G | A | 0.4677 | 4000 |
| 7 chrB4.132619A | G | 0.007232 | 4010 |
| 7 chrB4.132652A | G | 0.03169 | 4008 |
| 7 chrB4.132681G | A | 0.3138 | 4002 |
| 7 chrB4.132710G | A | 0.1065 | 4008 |
| 7 chrB4.132785A | G | 0.3179 | 3960 |
| 7 chrB4.132828G | A | 0.4915 | 4000 |
| 7 chrB4.132899G | A | 0.06832 | 3996 |

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| 7 chrB4.132979A | G | 0.0977 | 4002 |
| 7 chrB4.133029G | A | 0.2743 | 3978 |
| 7 chrB4.133047A | G | 0.0976 | 4006 |
| 7 chrB4.133129A | G | 0.2315 | 3996 |
| 7 chrB4.133192G | A | 0.3369 | 3998 |
| 7 chrB4.133231A | G | 0.01024 | 4004 |
| 7 chrB4.133269G | A | 0.339 | 3988 |
| 7 chrB4.133289C | A | 0.2813 | 3996 |
| 7 chrB4.133349G | A | 0.002816 | 3906 |
| 7 chrB4.133370A | G | 0.01879 | 3992 |
| 7 chrB4.133424A | G | 0.3745 | 3928 |
| 7 chrB4.133479A | C | 0.03729 | 3996 |
| 7 chrB4.133520A | C | 0.4029 | 3994 |
| 7 chrB4.133566A | G | 0.0401 | 3940 |
| 7 chrB4.133567A | G | 0.2983 | 4006 |
| 7 chrB4.133640A | G | 0.1177 | 3992 |
| 7 chrB4.133707A | G | 0.1727 | 4006 |
| 7 chrB4.133799G | A | 0.1042 | 3992 |
| 7 chrB4.133909G | A | 0.05686 | 3992 |
| 7 chrB4.133949A | G | 0.1184 | 3994 |
| 7 chrB4.134039G | A | 0.2431 | 3998 |
| 7 chrB4.134076G | A | 0.3469 | 3998 |
| 7 chrB4.134149G | A | 0.201 | 3996 |
| 7 chrB4.134170G | A | 0.3606 | 3996 |
| 7 chrB4.134202G | A | 0.0262 | 4008 |
| 7 chrB4.134249G | A | 0.2429 | 3964 |
| 7 chrB4.134279A | G | 0.2641 | 4006 |
| 7 chrB4.134312A | G | 0.4208 | 4000 |
| 7 chrB4.134381G | A | 0.3718 | 4002 |
| 7 chrB4.134410C | A | 0.04959 | 3932 |
| 7 chrB4.134461A | G | 0.1137 | 3994 |
| 7 chrB4.134499G | A | 0.2108 | 3790 |
| 7 chrB4.134520A | G | 0.07746 | 4002 |
| 7 chrB4.134566G | A | 0.4049 | 4008 |
| 7 chrB4.134619A | G | 0.3398 | 4008 |
| 7 chrB4.134651A | G | 0.05722 | 4002 |
| 7 chrB4.134691A | G | 0.1339 | 4010 |
| 7 chrB4.134760G | A | 0.1239 | 3744 |
| 7 chrB4.134809G | A | 0.1559 | 3978 |
| 7 chrB4.134844A | G | 0.1843 | 4004 |
| 7 chrB4.134876A | G | 0.2916 | 3998 |

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| 7 chrB4.134917A | C | 0.2065 | 4010 |
| 7 chrB4.134954A | G | 0.4114 | 3984 |
| 7 chrB4.135030G | A | 0.3915 | 3928 |
| 7 chrB4.135069G | A | 0.1849 | 3996 |
| 7 chrB4.135137G | A | 0.06662 | 4008 |
| 7 chrB4.135170A | G | 0.1807 | 3980 |
| 7 chrB4.135219A | G | 0.204 | 4000 |
| 7 chrB4.135244G | A | 0.1692 | 4008 |
| 7 chrB4.135291A | G | 0.03989 | 3886 |
| 7 chrB4.135347G | A | 0.2982 | 3662 |
| 7 chrB4.135380G | A | 0.112 | 3642 |
| 7 chrB4.135429G | A | 0.1702 | 4002 |
| 7 chrB4.135469G | A | 0.4226 | 3992 |
| 7 chrB4.135538A | C | 0.1698 | 4004 |
| 7 chrB4.135580A | G | 0.157 | 3650 |
| 7 chrB4.135607G | A | 0.1288 | 4006 |
| 7 chrB4.135639A | G | 0.2571 | 3968 |
| 7 chrB4.135669G | A | 0.3956 | 3908 |
| 7 chrB4.135719A | G | 0.3112 | 3988 |
| 7 chrB4.135779A | G | 0.4708 | 4008 |
| 7 chrB4.135832A | G | 0.01709 | 3978 |
| 7 chrB4.135929C | A | 0.3084 | 3998 |
| 7 chrB4.135979A | C | 0.2361 | 3884 |
| 7 chrB4.136019G | A | 0.1921 | 3978 |
| 7 chrB4.136049G | A | 0.436 | 4000 |
| 7 chrB4.136121A | G | 0.04691 | 4008 |
| 7 chrB4.136149G | A | 0.379 | 4000 |
| 7 chrUn.364010C | A | 0.09965 | 3974 |
| 7 chrB4.136230G | A | 0.1227 | 3666 |
| 7 chrD4.642872G | A | 0.1239 | 4002 |
| 7 chrB4.136256G | A | 0.4745 | 4004 |
| 7 chrB4.136284A | G | 0.1281 | 4004 |
| 7 chrB4.136364G | A | 0.303 | 4006 |
| 7 chrB4.136410A | G | 0.4757 | 3992 |
| 7 chrB4.136440G | A | 0.4545 | 4000 |
| 7 chrB4.136466A | G | 0.3223 | 4002 |
| 7 chrB4.136519A | G | 0.02201 | 3998 |
| 7 chrB4.136540C | A | 0.2616 | 3938 |
| 7 chrB4.136566A | G | 0.09182 | 3986 |
| 7 chrB4.136608G | A | 0.1712 | 4002 |
| 7 chrB4.136669C | A | 0.4314 | 3992 |

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| 7 chrB4.136742G | A | 0.2354 | 4002 |
| 7 chrB4.136767G | A | 0.107 | 4000 |
| 7 chrB4.136860A | G | 0.09925 | 3990 |
| 7 chrB4.136904G | A | 0.3822 | 3998 |
| 7 chrB4.136937G | A | 0.4955 | 3964 |
| 7 chrB4.136989G | A | 0.3523 | 4008 |
| 7 chrB4.137019G | A | 0.04552 | 3998 |
| 7 chrB4.137053C | A | 0.1487 | 4002 |
| 7 chrB4.137077A | G | 0.2581 | 4002 |
| 7 chrB4.137170A | G | 0.1534 | 3976 |
| 7 chrB4.137270A | G | 0.2315 | 3996 |
| 7 chrB4.137321A | G | 0.4798 | 3962 |
| 7 chrB4.137416C | A | 0.0337 | 4006 |
| 7 chrB4.137446G | A | 0.02888 | 3774 |
| 7 chrB4.137520G | A | 0.2785 | 4004 |
| 7 chrB4.137567A | G | 0.2349 | 3998 |
| 7 chrB4.137629G | A | 0.4411 | 3976 |
| 7 chrB4.137650A | G | 0.4819 | 3984 |
| 7 chrB4.137691G | A | 0.3885 | 3954 |
| 7 chrB4.137729C | A | 0.2859 | 3998 |
| 7 chrB4.137759A | G | 0.02392 | 3972 |
| 7 chrB4.137842G | A | 0.3358 | 3994 |
| 7 chrB4.137888G | A | 0.1729 | 4002 |
| 7 chrB4.137939A | G | 0.278 | 3996 |
| 7 chrB4.137959G | A | 0.05592 | 4006 |
| 7 chrB4.137974A | G | 0.3071 | 4002 |
| 7 chrB4.138073G | A | 0.1394 | 4002 |
| 7 chrB4.138098A | C | 0.09325 | 4000 |
| 7 chrB4.138139G | A | 0.2329 | 3998 |
| 7 chrB4.138170A | G | 0.06425 | 4000 |
| 7 chrB4.138199A | G | 0.3198 | 3978 |
| 7 chrB4.138229G | A | 0.4724 | 3992 |
| 7 chrB4.138259A | G | 0.07884 | 4008 |
| 7 chrB4.138291A | G | 0.06703 | 3864 |
| 7 chrB4.138383G | A | 0.0812 | 3978 |
| 7 chrB4.138411G | A | 0.1862 | 4006 |
| 7 chrB4.138454A | G | 0.03545 | 4006 |
| 7 chrB4.138490A | G | 0.2817 | 3930 |
| 7 chrB4.138519A | G | 0.1959 | 4008 |
| 7 chrB4.138551G | A | 0.4628 | 4002 |
| 7 chrB4.138578A | G | 0.4487 | 3996 |

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| 7 chrB4.138625A | G | 0.08042 | 4004 |
| 7 chrB4.138740A | G | 0.4003 | 3992 |
| 7 chrB4.138785G | A | 0.08762 | 4006 |
| 7 chrB4.138877A | G | 0.02678 | 3996 |
| 7 chrB4.138924A | G | 0.1033 | 3776 |
| 7 chrB4.138948A | G | 0.1765 | 3994 |
| 7 chrB4.138991A | G | 0.1925 | 3984 |
| 7 chrB4.139029G | A | 0.4224 | 3958 |
| 7 chrB4.139073G | A | 0.4786 | 3968 |
| 7 chrB4.139141A | G | 0.3909 | 3998 |
| 7 chrB4.139167A | C | 0.1399 | 3966 |
| 7 chrB4.139320A | G | 0.123 | 3968 |
| 7 chrB4.139347G | A | 0.06865 | 4006 |
| 7 chrB4.139424G | A | 0.1628 | 4004 |
| 7 chrB4.139457A | G | 0.01797 | 3950 |
| 7 chrB4.139482A | C | 0.087 | 4000 |
| 7 chrB4.139518G | A | 0.3682 | 3984 |
| 7 chrB4.139547A | G | 0.3745 | 4008 |
| 7 chrB4.139633G | A | 0.4398 | 4004 |
| 7 chrB4.139699A | C | 0.08916 | 4004 |
| 7 chrB4.139748C | A | 0.05589 | 4008 |
| 7 chrB4.139756G | A | 0.12 | 3926 |
| 7 chrB4.139781G | A | 0.4777 | 3988 |
| 7 chrB4.139898G | A | 0.02474 | 4002 |
| 7 chrB4.139916A | G | 0.1738 | 3964 |
| 7 chrB4.139960A | G | 0.3181 | 3948 |
| 7 chrB4.139993G | A | 0.05339 | 4008 |
| 7 chrB4.140043G | A | 0.2781 | 3998 |
| 7 chrB4.140108A | G | 0.1781 | 3998 |
| 7 chrB4.140149A | G | 0.03343 | 4008 |
| 7 chrB4.140177C | A | 0.01305 | 3984 |
| 7 chrB4.140226C | A | 0.16 | 4000 |
| 7 chrB4.140255A | G | 0.1035 | 3972 |
| 7 chrB4.140280G | A | 0.3471 | 3984 |
| 7 chrB4.140342A | G | 0.01322 | 4010 |
| 7 chrB4.140390A | G | 0.3652 | 3992 |
| 7 chrB4.140447G | A | 0.02193 | 3922 |
| 7 chrB4.140500A | G | 0.2064 | 3998 |
| 7 chrB4.140544G | A | 0.1628 | 3974 |
| 7 chrUn15.1287A | G | 0.08493 | 3968 |
| 7 chrUn15.1351G | A | 0.4032 | 3996 |

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| 7 chrUn15.138:G | A | 0.0182 | 4010 |
| 7 chrUn15.143:A | G | 0.1626 | 4004 |
| 7 chrUn15.147:A | G | 0.3367 | 4004 |
| 7 chrUn15.152:C | A | 0.228 | 3986 |
| 7 chrUn15.155:G | A | 0.2435 | 3980 |
| 7 chrUn15.158:C | A | 0.3405 | 3838 |
| 7 chrUn15.163:A | G | 0.3201 | 3996 |
| 7 chrUn15.168:A | G | 0.07912 | 3956 |
| 7 chrUn15.169:G | A | 0.1357 | 4002 |
| 7 chrUn15.173:G | A | 0.2417 | 3992 |
| 7 chrUn15.176:G | 0 A | 0 | 4008 |
| 7 chrUn15.176:A | A | 0.2784 | 4008 |
| 7 chrUn15.180:A | G | 0.1304 | 4010 |
| 7 chrUn15.183:G | A | 0.139 | 4000 |
| 7 chrUn15.188:G | A | 0.3372 | 3992 |
| 7 chrUn15.197:A | A | 0.3851 | 3994 |
| 7 chrUn15.200:A | G | 0.2294 | 4006 |
| 7 chrUn.29516:A | A | 0.3731 | 3996 |
| 7 chrUn15.203:C | A | 0.1858 | 3998 |
| 7 chrUn15.207:G | A | 0.008996 | 4002 |
| 7 chrUn15.209:G | A | 0.2666 | 4002 |
| 7 chrUn15.217:A | G | 0.3369 | 3992 |
| 7 chrUn15.223:A | A | 0.1262 | 4008 |
| 7 chrUn15.226:G | A | 0.4418 | 3986 |
| 7 chrUn15.231:G | A | 0.1342 | 3988 |
| 7 chrUn15.244:C | A | 0.3447 | 4006 |
| 7 chrUn15.247:A | G | 0.1104 | 3996 |
| 7 chrUn15.251:A | G | 0.1461 | 3998 |
| 7 chrUn.69609:G | A | 0.4209 | 3942 |
| 7 chrUn15.258:G | A | 0.1264 | 4004 |
| 7 chrUn15.262:G | A | 0.2055 | 4000 |
| 7 chrUn15.264:A | G | 0.02117 | 3874 |
| 7 chrUn15.268:G | A | 0.09586 | 4006 |
| 7 chrUn15.272:A | G | 0.2782 | 4000 |
| 7 chrUn15.275:A | G | 0.33 | 3994 |
| 7 chrUn15.281:A | G | 0.345 | 3994 |
| 7 chrUn15.284:C | A | 0.09623 | 3980 |
| 7 chrUn15.289:G | A | 0.0981 | 4006 |
| 7 chrUn15.289:A | G | 0.3216 | 3968 |
| 7 chrUn15.300:G | A | 0.1261 | 4006 |
| 7 chrUn15.304:C | A | 0.1101 | 4004 |

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| 7 chrUn15.309(A | C | 0.451 | 3936 |
| 7 chrUn15.312(G | A | 0.2442 | 3996 |
| 7 chrUn15.313(G | A | 0.1047 | 3954 |
| 7 chrUn15.319(G | A | 0.1223 | 3990 |
| 7 chrUn15.323(C | A | 0.1408 | 3948 |
| 7 chrUn15.328(A | C | 0.2287 | 3896 |
| 7 chrUn15.333(A | G | 0.2795 | 3910 |
| 7 chrUn15.335(C | A | 0.4957 | 3988 |
| 7 chrUn15.342(A | G | 0.3522 | 3966 |
| 7 chrUn15.349(G | A | 0.3262 | 3982 |
| 7 chrUn15.352(A | G | 0.1849 | 4008 |
| 7 chrUn15.355(A | G | 0.09059 | 3996 |
| 7 chrUn15.358(A | G | 0.1136 | 4006 |
| 7 chrUn15.367(G | A | 0.2864 | 3886 |
| 7 chrUn15.373(A | G | 0.05819 | 4004 |
| 7 chrUn15.379(G | A | 0.1917 | 3990 |
| 7 chrUn15.385(G | A | 0.002994 | 4008 |
| 7 chrUn15.389(C | A | 0.06922 | 4002 |
| 7 chrUn15.392(G | A | 0.1672 | 3996 |
| 7 chrUn15.394(A | G | 0.002016 | 3968 |
| 7 chrUn15.397(A | G | 0.3294 | 3998 |
| 7 chrUn15.400(G | A | 0.1643 | 3998 |
| 7 chrUn15.405(G | A | 0.07846 | 4002 |
| 7 chrUn15.412(A | G | 0.05863 | 4008 |
| 7 chrUn15.419(A | G | 0.0596 | 4010 |
| 7 chrUn15.427(C | A | 0.0005025 | 3980 |
| 7 chrUn15.430(A | G | 0.03099 | 3840 |
| 7 chrUn15.436(G | A | 0.08137 | 3994 |
| 7 chrUn15.440(A | C | 0.05133 | 3994 |
| 7 chrUn15.443(G | A | 0.4647 | 3998 |
| 7 chrUn15.447(A | G | 0.3529 | 3996 |
| 7 chrUn15.450(G | A | 0.1086 | 4004 |
| 7 chrUn15.455(A | G | 0.2429 | 3952 |
| 7 chrUn15.458(G | A | 0.4003 | 3960 |
| 7 chrUn15.463(C | A | 0.3886 | 3996 |
| 7 chrUn15.467(C | A | 0.498 | 3994 |
| 7 chrUn15.470(G | A | 0.111 | 4010 |
| 7 chrUn15.473(G | A | 0.09775 | 4000 |
| 7 chrUn15.483(A | G | 0.1103 | 4006 |
| 7 chrUn15.487(A | G | 0.185 | 3984 |
| 7 chrUn15.489(G | A | 0.4582 | 3998 |

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| 7 chrUn15.489 | G | A | 0.4614 | 3992 |
| 7 chrUn15.494 | A | G | 0.1434 | 4004 |
| 7 chrUn15.497 | A | G | 0.2236 | 3990 |
| 7 chrUn15.503 | A | G | 0.2444 | 3990 |
| 7 chrUn15.507 | A | C | 0.08065 | 3918 |
| 7 chrUn15.510 | G | A | 0.2046 | 4002 |
| 7 chrUn15.514 | A | G | 0.2461 | 3966 |
| 7 chrUn15.519 | G | A | 0.2221 | 3998 |
| 7 chrUn15.523 | A | G | 0.05959 | 3994 |
| 7 chrUn15.527 | C | A | 0.4692 | 3998 |
| 7 chrUn15.530 | C | A | 0.2883 | 3978 |
| 7 chrUn15.536 | A | G | 0.4099 | 3974 |
| 7 chrUn15.548 | A | G | 0.4983 | 4006 |
| 7 chrUn15.557 | A | G | 0.4344 | 3994 |
| 7 chrUn15.559 | G | A | 0.3637 | 4006 |
| 7 chrUn15.562 | A | G | 0.3994 | 4004 |
| 7 chrUn15.566 | A | G | 0.224 | 3906 |
| 7 chrUn15.569 | A | G | 0.02768 | 4010 |
| 7 chrUn15.572 | G | A | 0.4705 | 3970 |
| 7 chrUn15.577 | G | A | 0.4927 | 3996 |
| 7 chrUn15.581 | A | G | 0.1634 | 4002 |
| 7 chrUn15.584 | A | G | 0.2776 | 3894 |
| 7 chrUn15.589 | G | A | 0.3742 | 3966 |
| 7 chrUn15.594 | A | G | 0.3462 | 4006 |
| 7 chrUn15.599 | A | G | 0.2221 | 4008 |
| 7 chrUn15.604 | A | G | 0.06655 | 3922 |
| 7 chrUn15.616 | A | G | 0.2816 | 3988 |
| 7 chrUn15.618 | G | A | 0.257 | 3992 |
| 7 chrUn15.627 | A | G | 0.47 | 4000 |
| 7 chrB4.14063 | A | G | 0.1145 | 4000 |
| 7 chrB4.14066 | A | G | 0.4817 | 3986 |
| 7 chrB4.14070 | A | G | 0.1943 | 4000 |
| 7 chrB4.14074 | A | G | 0.02722 | 4004 |
| 7 chrB4.14090 | A | G | 0.172 | 4000 |
| 7 chrB4.14093 | A | G | 0.2346 | 4002 |
| 7 chrB4.14103 | A | C | 0.1664 | 3774 |
| 7 chrB4.14106 | A | C | 0.3106 | 3960 |
| 7 chrB4.14112 | A | G | 0.1237 | 4002 |
| 7 chrB4.14116 | A | G | 0.2609 | 3990 |
| 7 chrB4.14120 | A | G | 0.1786 | 3976 |
| 7 chrB4.14123 | A | C | 0.325 | 3988 |

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| 7 chrB4.141287G | A | 0.08625 | 4000 |
| 7 chrB4.141331A | G | 0.08467 | 4004 |
| 7 chrB4.141378A | G | 0.08213 | 4006 |
| 7 chrB4.141413A | G | 0.337 | 3988 |
| 7 chrB4.141437A | G | 0.4599 | 3988 |
| 7 chrB4.141464G | A | 0.1929 | 3946 |
| 7 chrB4.141494G | A | 0.481 | 3992 |
| 7 chrB4.141529A | G | 0.08158 | 3996 |
| 7 chrB4.141572A | C | 0.3643 | 3980 |
| 7 chrB4.141613A | G | 0.1271 | 4006 |
| 7 chrB4.141640G | A | 0.1247 | 3952 |
| 7 chrB4.141692A | G | 0.2492 | 3996 |
| 7 chrB4.141729A | G | 0.1061 | 3998 |
| 7 chrB4.141795A | G | 0.1345 | 4008 |
| 7 chrB4.141826G | A | 0.04362 | 3668 |
| 7 chrB4.141882A | G | 0.4812 | 3728 |
| 7 chrB4.141919G | A | 0.06203 | 3982 |
| 7 chrB4.141949A | G | 0.1781 | 4008 |
| 7 chrB4.141999A | G | 0.2921 | 4002 |
| 7 chrB4.142035A | G | 0.02574 | 4002 |
| 7 chrB4.142080G | A | 0.3995 | 3960 |
| 7 chrB4.142126A | C | 0.02207 | 3988 |
| 7 chrB4.142176G | A | 0.07129 | 3998 |
| 7 chrB4.142239A | G | 0.4715 | 4000 |
| 7 chrB4.142272A | G | 0.2529 | 3998 |
| 7 chrB4.142340C | A | 0.3013 | 4002 |
| 7 chrB4.142365A | G | 0.05747 | 4002 |
| 7 chrB4.142421A | G | 0.09555 | 3998 |
| 7 chrB4.142468G | A | 0.1384 | 3952 |
| 7 chrB4.142515A | G | 0.191 | 4010 |
| 7 chrB4.142545G | A | 0.403 | 4000 |
| 7 chrB4.142579A | G | 0.01695 | 3834 |
| 7 chrB4.142616A | G | 0.003058 | 3924 |
| 7 chrB4.142667G | A | 0.2246 | 3954 |
| 7 chrB4.142701A | G | 0.3513 | 4002 |
| 7 chrB4.142857A | C | 0.3841 | 3996 |
| 7 chrB4.142885A | G | 0.3018 | 3996 |
| 7 chrB4.142912A | G | 0.1521 | 3998 |
| 7 chrB4.142954A | G | 0.2056 | 3998 |
| 7 chrB4.143001G | A | 0.2689 | 3994 |
| 7 chrB4.143069G | A | 0.08996 | 4002 |

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| 7 chrB4.143136C | A | 0.2104 | 4002 |
| 7 chrB4.143187G | A | 0.05739 | 4008 |
| 7 chrB4.143265A | G | 0.1623 | 4000 |
| 7 chrB4.143306A | G | 0.3179 | 3982 |
| 7 chrB4.143362G | A | 0.2352 | 3996 |
| 7 chrB4.143386A | G | 0.1933 | 3998 |
| 7 chrB4.143418A | G | 0.4542 | 3994 |
| 7 chrB4.143444A | C | 0.3922 | 3988 |
| 7 chrB4.143487A | G | 0.3925 | 3878 |
| 7 chrB4.143531A | C | 0.2036 | 3994 |
| 7 chrB4.143564 | 0 G | 0 | 4010 |
| 7 chrB4.143605G | A | 0.494 | 3998 |
| 7 chrB4.143638G | A | 0.0751 | 4008 |
| 7 chrB4.143681G | A | 0.3807 | 3990 |
| 7 chrB4.143768A | G | 0.3716 | 3996 |
| 7 chrB4.143836A | G | 0.2925 | 3966 |
| 7 chrB4.143879A | G | 0.1051 | 4004 |
| 7 chrB4.143912G | A | 0.1392 | 4000 |
| 7 chrB4.143946A | G | 0.3349 | 3858 |
| 7 chrB4.143996A | G | 0.1626 | 3998 |
| 7 chrB4.144006A | G | 0.2924 | 3988 |
| 7 chrB4.144065G | A | 0.1547 | 4002 |
| 7 chrB4.144098C | A | 0.3146 | 3970 |
| 7 chrB4.144142A | G | 0.00524 | 4008 |
| 7 chrB4.144182A | G | 0.2562 | 3982 |
| 7 chrB4.144244C | A | 0.04975 | 4000 |
| 7 chrB4.144313G | A | 0.1205 | 4000 |
| 7 chrB4.144348A | G | 0.3071 | 3996 |
| 7 chrB4.144373A | G | 0.2223 | 4000 |
| 7 chrB4.144403A | G | 0.2334 | 3976 |
| 7 chrB4.144466G | A | 0.4949 | 3952 |
| 7 chrB4.144467A | G | 0.3455 | 4006 |
| 7 chrB4.144541A | G | 0.4034 | 3996 |
| 7 chrB4.144619G | A | 0.2523 | 3770 |
| 7 chrB4.144649G | A | 0.4355 | 3966 |
| 7 chrB4.144675A | G | 0.3415 | 4000 |
| 7 chrB4.144711A | G | 0.1492 | 4002 |
| 7 chrB4.144753A | G | 0.07496 | 4002 |
| 7 chrB4.144785G | A | 0.03002 | 3998 |
| 7 chrB4.144813A | G | 0.1034 | 3976 |
| 7 chrB4.144842A | G | 0.257 | 3996 |

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| 7 chrB4.144878G | A | 0.01672 | 4006 |
| 7 chrB4.144912G | A | 0.1775 | 4000 |
| 7 chrB4.144955G | A | 0.1026 | 4004 |
| 7 chrB4.144958G | A | 0.1637 | 3994 |
| 7 chrB4.144995A | G | 0.4768 | 4004 |
| 7 chrB4.145060G | A | 0.1181 | 3998 |
| 7 chrB4.145094G | A | 0.07912 | 3994 |
| 7 chrB4.145125A | C | 0.1989 | 3966 |
| 7 chrB4.145206C | A | 0.2675 | 3992 |
| 7 chrB4.145255G | A | 0.3447 | 4004 |
| 7 chrB4.145307A | G | 0.2554 | 4002 |
| 7 chrB4.145340 | 0 G | 0 | 4008 |
| 7 chrF1.891294C | A | 0.243 | 3992 |
| 7 chrB4.145385A | C | 0.09793 | 3870 |
| 7 chrF1.887494G | A | 0.07136 | 4008 |
| 7 chrF1.878362A | G | 0.04319 | 4006 |
| 7 chrB4.145475A | G | 0.09432 | 3944 |
| 7 chrB4.145506A | G | 0.07018 | 4004 |
| 7 chrB4.145545A | G | 0.0245 | 4000 |
| 7 chrB4.145574G | A | 0.4047 | 3996 |
| 7 chrB4.145608A | G | 0.1536 | 3998 |
| 7 chrB4.145757A | G | 0.2506 | 3974 |
| 7 chrUn.309915A | G | 0.2199 | 4006 |
| 7 chrB4.145824A | C | 0.06643 | 4004 |
| 7 chrB4.145875G | A | 0.07118 | 3990 |
| 7 chrB4.145967G | A | 0.1463 | 3984 |
| 7 chrB4.146054A | G | 0.01548 | 4006 |
| 7 chrB4.146085A | G | 0.1416 | 3934 |
| 7 chrB4.146112C | A | 0.17 | 3994 |
| 7 chrB4.146145A | G | 0.07189 | 4006 |
| 7 chrB4.146192G | A | 0.1119 | 4002 |
| 7 chrB4.146224A | G | 0.236 | 3954 |
| 7 chrB4.146276A | G | 0.3144 | 3976 |
| 7 chrB4.146317G | A | 0.3246 | 4002 |
| 7 chrB4.146367G | A | 0.3807 | 3964 |
| 7 chrB4.146411A | G | 0.2058 | 4004 |
| 7 chrB4.146445G | A | 0.003743 | 4008 |
| 7 chrB4.146475A | G | 0.05994 | 4004 |
| 7 chrB4.146540A | G | 0.2007 | 4006 |
| 7 chrB4.146600G | A | 0.3035 | 3984 |
| 7 chrB4.146687G | A | 0.1409 | 4002 |

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| 7 chrB4.146791A | G | 0.4765 | 3998 |
| 7 chrB4.146852C | A | 0.2271 | 3976 |
| 7 chrB4.146881A | G | 0.0619 | 3990 |
| 7 chrB4.146913A | G | 0.01971 | 4008 |
| 7 chrB4.146962A | G | 0.2296 | 3998 |
| 7 chrB4.147046A | G | 0.2526 | 3990 |
| 7 chrB4.147072G | A | 0.3082 | 3998 |
| 7 chrB4.147076C | A | 0.25 | 4000 |
| 7 chrB4.147114A | C | 0.02055 | 3990 |
| 7 chrB4.147153A | G | 0.1855 | 3892 |
| 7 chrB4.147204A | G | 0.04613 | 3924 |
| 7 chrB4.147239A | G | 0.03098 | 4002 |
| 7 chrB4.147316A | G | 0.1205 | 3982 |
| 7 chrB4.147393A | G | 0.2265 | 4004 |
| 7 chrB4.147512G | A | 0.02868 | 4010 |
| 7 chrB4.147544G | A | 0.2272 | 4006 |
| 7 chrB4.147586G | A | 0.3406 | 3996 |
| 7 chrB4.147618A | G | 0.00674 | 4006 |
| 7 chrB4.147649A | C | 0.4225 | 3948 |
| 7 chrB4.147683C | A | 0.08812 | 4006 |
| 7 chrB4.147709A | G | 0.3461 | 3996 |
| 7 chrB4.147768A | G | 0.05615 | 3900 |
| 7 chrB4.147813G | A | 0.03247 | 4004 |
| 7 chrB4.147931A | C | 0.1578 | 3986 |
| 7 chrB4.147977A | G | 0.06402 | 3858 |
| 7 chrB4.148035A | G | 0.001747 | 4006 |
| 7 chrB4.148058A | G | 0.2386 | 4002 |
| 7 chrB4.148083G | A | 0.09735 | 4006 |
| 7 chrB4.148108C | A | 0.3962 | 3998 |
| 7 chrB4.148140A | G | 0.1239 | 3964 |
| 7 chrB4.148198A | G | 0.1952 | 3990 |
| 7 chrB4.148237G | A | 0.4889 | 3976 |
| 7 chrB4.148268A | G | 0.2417 | 3926 |
| 7 chrB4.148312G | A | 0.1961 | 4004 |
| 7 chrB4.148343G | A | 0.4683 | 4006 |
| 7 chrB4.148387G | A | 0.1899 | 3982 |
| 7 chrB4.148455A | G | 0.4468 | 3988 |
| 7 chrB4.148489G | A | 0.09715 | 3932 |
| 7 chrB4.148549G | A | 0.2021 | 4008 |
| 7 chrB4.148604A | G | 0.08517 | 3992 |
| 7 chrB4.148654G | A | 0.2357 | 3976 |

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| 7 chrB4.148723G | A | 0.435 | 3956 |
| 7 chrB4.148797A | G | 0.1643 | 3968 |
| 7 chrB4.148899A | C | 0.3312 | 3988 |
| 7 chrB4.148947A | G | 0.1842 | 3984 |
| 7 chrB4.148998G | A | 0.02309 | 3984 |
| 7 chrB4.149051A | G | 0.123 | 4008 |
| 7 chrB4.149128A | G | 0.3396 | 3952 |
| 7 chrB4.149174G | A | 0.2693 | 4006 |
| 7 chrB4.149227G | A | 0.3671 | 3936 |
| 7 chrB4.149277A | G | 0.171 | 4006 |
| 7 chrB4.149312C | A | 0.1193 | 4006 |
| 7 chrB4.149370A | G | 0.2784 | 3638 |
| 7 chrB4.149408A | G | 0.1105 | 3902 |
| 7 chrB4.149449A | G | 0.2822 | 3972 |
| 7 chrB4.149470A | G | 0.1301 | 3950 |
| 7 chrB4.149506G | A | 0.1688 | 3980 |
| 7 chrB4.149583A | G | 0.1911 | 3976 |
| 7 chrB4.149639 | 0 G | 0 | 4008 |
| 7 chrB4.149664G | A | 0.05798 | 3898 |
| 7 chrB4.149778G | A | 0.1075 | 3992 |
| 7 chrB4.149908A | G | 0.2361 | 3964 |
| 7 chrB4.150015A | G | 0.072 | 3986 |
| 7 chrB4.150102A | G | 0.2802 | 3994 |
| 7 chrB4.150344G | A | 0.0206 | 3884 |
| 7 chrB4.150399A | G | 0.004523 | 3980 |
| 7 chrB4.150540G | A | 0.4583 | 4002 |
| 7 chrB4.150650G | A | 0.09734 | 3986 |
| 7 chrB4.150681A | G | 0.3956 | 3926 |
| 7 chrB4.150706C | A | 0.2641 | 4006 |
| 7 chrB4.150740A | G | 0.4198 | 3992 |
| 7 chrB4.150826G | A | 0.3392 | 3980 |
| 7 chrB4.151022G | A | 0.3453 | 3996 |
| 7 chrB4.151283G | A | 0.02021 | 3908 |
| 7 chrB4.151351A | C | 0.3642 | 3984 |
| 7 chrB4.151764A | C | 0.2022 | 3986 |
| 7 chrB4.151833G | A | 0.1958 | 3978 |
| 7 chrB4.151932G | A | 0.3165 | 3990 |
| 7 chrB4.151969A | C | 0.1228 | 3990 |
| 7 chrB4.152070A | C | 0.3724 | 3996 |
| 7 chrB4.152104G | A | 0.005079 | 3938 |
| 7 chrB4.152122G | A | 0.09895 | 4002 |

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| 7 chrB4.152159A | G | 0.3778 | 4000 |
| 7 chrB4.152217G | A | 0.2604 | 4002 |
| 7 chrB4.152250A | G | 0.06059 | 3994 |
| 7 chrB4.152310G | A | 0.01721 | 4010 |
| 7 chrB4.152335G | A | 0.1938 | 3998 |
| 7 chrB4.152381G | A | 0.3747 | 3976 |
| 7 chrB4.152433A | G | 0.03972 | 3902 |
| 7 chrB4.152459A | G | 0.05275 | 4000 |
| 7 chrB4.152519G | A | 0.2689 | 3994 |
| 7 chrB4.152603A | G | 0.09045 | 4002 |
| 7 chrB4.152631G | A | 0.1756 | 3998 |
| 7 chrB4.152671G | A | 0.2984 | 4002 |
| 7 chrB4.152721C | A | 0.3347 | 4004 |
| 7 chrB4.152750A | G | 0.06395 | 3956 |
| 7 chrB4.152826A | G | 0.1612 | 3996 |
| 7 chrB4.152877A | G | 0.1951 | 3926 |
| 7 chrB4.152954C | A | 0.0228 | 3992 |
| 7 chrB4.153000A | G | 0.147 | 4008 |
| 7 chrB4.153049A | G | 0.3437 | 3954 |
| 7 chrB4.153106A | C | 0.2311 | 3998 |
| 7 chrB4.153137A | G | 0.4544 | 3966 |
| 7 chrB4.153220A | G | 0.1983 | 4000 |
| 7 chrB4.153248A | G | 0.4037 | 3944 |
| 7 chrB4.153271G | A | 0.1917 | 4000 |
| 7 chrB4.153297G | A | 0.157 | 4000 |
| 7 chrB4.153334G | A | 0.1765 | 3966 |
| 7 chrB4.153378C | A | 0.05136 | 3758 |
| 7 chrB4.153407A | G | 0.3251 | 4002 |
| 7 chrB4.153447A | G | 0.466 | 4004 |
| 7 chrB4.153487A | G | 0.46 | 4000 |
| 7 chrB4.153503C | A | 0.07 | 4000 |
| 7 chrB4.153527A | C | 0.3333 | 3990 |
| 7 chrB4.153697A | G | 0.3915 | 3980 |
| 7 chrB4.153697A | G | 0.3938 | 3974 |
| 7 chrB4.153769A | G | 0.2624 | 3990 |
| 7 chrB4.153782 | 0 G | 0 | 4008 |
| 7 chrB4.153811G | A | 0.1754 | 4002 |
| 7 chrB4.153840G | A | 0.1829 | 3996 |
| 7 chrB4.153872G | A | 0.05854 | 3792 |
| 7 chrB4.153900G | A | 0.4383 | 4002 |
| 7 chrB4.153935A | G | 0.1425 | 3992 |

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| 7 chrB4.15396C | A | 0.1323 | 3816 |
| 7 chrB4.15400C | A | 0.1268 | 4006 |
| 7 chrB4.15407T | G | 0.2181 | 3994 |
| 7 chrB4.15413C | G | 0.1081 | 3986 |
| 7 chrB4.15416T | G | 0.237 | 3992 |
| 7 chrB4.15421C | G | 0.1047 | 4002 |
| 7 chrB4.15427C | A | 0.07396 | 3948 |
| 7 chrB4.15439C | A | 0.4663 | 3980 |
| 7 chrB4.15441T | A | 0.2268 | 4008 |
| 7 chrB4.15448T | A | 0.0726 | 4008 |
| 7 chrB4.15451T | G | 0.2259 | 4006 |
| 7 chrB4.15457T | G | 0.02362 | 3980 |
| 7 chrB4.15460T | G | 0.1478 | 3986 |
| 7 chrB4.15461T | G | 0.1342 | 3972 |
| 7 chrB4.15467T | G | 0.0971 | 3996 |
| 7 chrB4.15481C | A | 0.2781 | 3858 |
| 7 chrB4.15484T | A | 0.164 | 3818 |
| 7 chrB4.15487T | A | 0.1362 | 3958 |
| 7 chrB4.15491T | G | 0.1953 | 3964 |
| 7 chrB4.15496T | G | 0.3529 | 3976 |
| 7 chrB4.15501C | A | 0.4424 | 3818 |
| 7 chrB4.15505C | G | 0.4557 | 3996 |
| 7 chrB4.15507T | G | 0.478 | 3996 |
| 7 chrB4.15512C | G | 0.11 | 3862 |
| 7 chrB4.15515T | G | 0.2525 | 3988 |
| 7 chrB4.15519T | G | 0.3074 | 3920 |
| 7 chrB4.15524C | G | 0.1916 | 3680 |
| 7 chrB4.15532T | G | 0.1086 | 4004 |
| 7 chrB4.15540T | G | 0.1421 | 4004 |
| 7 chrB4.15544T | G | 0.07897 | 3938 |
| 7 chrB4.15545T | A | 0.001019 | 3924 |
| 7 chrB4.15547T | G | 0.147 | 4000 |
| 7 chrB4.15552C | C | 0.2076 | 3974 |
| 7 chrB4.15555C | G | 0.1982 | 4002 |
| 7 chrB4.15558C | C | 0.319 | 4000 |
| 7 chrB4.15561T | A | 0.1493 | 3884 |
| 7 chrB4.15564C | C | 0.2552 | 3978 |
| 7 chrB4.15566T | G | 0.471 | 3718 |
| 7 chrB4.15571T | A | 0.01026 | 3998 |
| 7 chrB4.15576C | A | 0.3945 | 4008 |
| 7 chrB4.15582T | G | 0.4074 | 3910 |

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| 7 chrB4.155864A | G | 0.3953 | 4002 |
| 7 chrB4.155901A | G | 0.2708 | 3970 |
| 7 chrB4.155941G | A | 0.2733 | 3900 |
| 7 chrB4.155996A | G | 0.2205 | 3982 |
| 7 chrB4.156022A | C | 0.02621 | 4006 |
| 7 chrB4.156107A | G | 0.2244 | 3886 |
| 7 chrB4.156178A | G | 0.1146 | 3998 |
| 7 chrB4.156297A | G | 0.0746 | 3968 |
| 7 chrB4.156371A | G | 0.1982 | 3990 |
| 7 chrB4.156437A | C | 0.1842 | 3990 |
| 7 chrB4.156470G | A | 0.3069 | 3978 |
| 7 chrB4.156503G | A | 0.08584 | 3984 |
| 7 chrB4.156555A | G | 0.07346 | 3866 |
| 7 chrB4.156593G | A | 0.2131 | 3980 |
| 7 chrB4.156648C | A | 0.2635 | 4004 |
| 7 chrB4.156687A | G | 0.0414 | 4010 |
| 7 chrB4.156706A | G | 0.368 | 3976 |
| 7 chrB4.156731A | C | 0.06469 | 4004 |
| 7 chrUn.288639A | G | 0.05419 | 3894 |
| 7 chrB4.156778A | G | 0.107 | 3880 |
| 7 chrB4.156816A | G | 0.3989 | 3760 |
| 7 chrB4.156855C | G | 0.3704 | 3920 |
| 7 chrB4.156879G | A | 0.3442 | 4000 |
| 7 chrB4.156955A | G | 0.4485 | 3984 |
| 7 chrB4.157016A | G | 0.1877 | 3986 |
| 7 chrB4.157095A | G | 0.1191 | 3980 |
| 7 chrB4.157143G | A | 0.09504 | 3988 |
| 7 chrB4.157169A | G | 0.2295 | 4000 |
| 7 chrB4.157205C | A | 0.3429 | 3914 |
| 7 chrB4.157245A | G | 0.4967 | 3936 |
| 7 chrB4.157333A | G | 0.3215 | 3904 |
| 7 chrB4.157382A | G | 0.1078 | 4000 |
| 7 chrB4.157408G | A | 0.4776 | 3978 |
| 7 chrB4.157494A | G | 0.2763 | 3970 |
| 7 chrB4.157543G | A | 0.4506 | 3964 |
| 7 chrB4.157601A | G | 0.3732 | 3934 |
| 7 chrB4.157649C | A | 0.002005 | 3990 |
| 7 chrB4.157729G | A | 0.2709 | 3986 |
| 7 chrB4.157831G | A | 0.3296 | 3996 |
| 7 chrB4.157879A | G | 0.4211 | 3980 |
| 7 chrB4.157954G | A | 0.4256 | 3992 |

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| 7 chrB4.158106A | G | 0.3022 | 3998 |
| 7 chrB4.158131A | G | 0.1862 | 3990 |
| 7 chrB4.158209G | A | 0.1695 | 3936 |
| 7 chrB4.158245A | G | 0.4571 | 3962 |
| 7 chrB4.158284A | G | 0.2696 | 3898 |
| 7 chrB4.158339G | A | 0.4869 | 3980 |
| 7 chrB4.158345A | G | 0.2406 | 3848 |
| 7 chrB4.158372G | A | 0.497 | 3998 |
| 7 chrB4.158411A | G | 0.1763 | 3988 |
| 7 chrB4.158600G | A | 0.1015 | 4000 |
| 7 chrB4.158602G | A | 0.3181 | 3970 |
| 7 chrB4.158674G | A | 0.4836 | 3954 |
| 7 chrB4.158698A | G | 0.1404 | 4002 |
| 7 chrB4.158725A | G | 0.4795 | 3994 |
| 7 chrB4.158749A | G | 0.1352 | 4008 |
| 7 chrB4.158851A | G | 0.2774 | 3940 |
| 7 chrB4.158889A | G | 0.2916 | 3958 |
| 7 chrB4.158934A | G | 0.0582 | 3746 |
| 7 chrB4.159027A | G | 0.3722 | 3874 |
| 7 chrB4.159102G | A | 0.06025 | 4000 |
| 7 chrB4.159129G | A | 0.3594 | 3904 |
| 7 chrB4.159170G | A | 0.2268 | 3818 |
| 7 chrB4.159236A | G | 0.3286 | 3974 |
| 7 chrB4.159271A | C | 0.06247 | 3986 |
| 7 chrB4.159331A | C | 0.1608 | 3956 |
| 7 chrB4.159357A | G | 0.1709 | 3868 |
| 7 chrB4.159383G | A | 0.3966 | 3994 |
| 7 chrB4.159414A | G | 0.2855 | 3948 |
| 7 chrB4.159466A | G | 0.2224 | 3998 |
| 7 chrB4.159552A | G | 0.2896 | 3788 |
| 7 chrB4.159591G | A | 0.1733 | 3930 |
| 7 chrB4.159641G | A | 0.3785 | 3974 |
| 7 chrB4.159667A | G | 0.1711 | 4010 |
| 7 chrB4.159721A | G | 0.1679 | 4002 |
| 7 chrB4.159767A | G | 0.2882 | 4004 |
| 7 chrB4.159769A | G | 0.1234 | 3986 |
| 7 chrB4.159837G | A | 0.2863 | 3996 |
| 7 chrB4.159845G | A | 0.3428 | 3784 |
| 7 chrB4.159868A | G | 0.151 | 3968 |
| 7 chrB4.159912A | G | 0.3185 | 3978 |
| 7 chrB4.159942A | G | 0.06321 | 3686 |

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| 7 chrB4.159968G | A | 0.09773 | 3970 |
| 7 chrB4.160036G | A | 0.1205 | 3808 |
| 7 chrB4.160065A | G | 0.04835 | 3992 |
| 7 chrB4.160112A | G | 0.3724 | 3988 |
| 7 chrB4.160198G | A | 0.3262 | 3992 |
| 7 chrB4.160226A | C | 0.3377 | 3998 |
| 7 chrB4.160250G | A | 0.4463 | 3948 |
| 7 chrB4.160275A | G | 0.2485 | 3876 |
| 7 chrB4.160324G | A | 0.3826 | 3680 |
| 7 chrB4.160367A | G | 0.08442 | 3992 |
| 7 chrB4.160399A | G | 0.2315 | 3914 |
| 7 chrB4.160467A | G | 0.2505 | 3996 |
| 7 chrB4.160515C | A | 0.3248 | 3966 |
| 7 chrB4.160550A | G | 0.3135 | 3914 |
| 7 chrB4.160580G | A | 0.4108 | 4000 |
| 7 chrB4.160612G | A | 0.3925 | 4000 |
| 7 chrB4.160653A | C | 0.1552 | 3782 |
| 7 chrB4.160719A | G | 0.2405 | 3776 |
| 7 chrB4.160744A | C | 0.03069 | 4008 |
| 7 chrB4.160776G | A | 0.2402 | 4000 |
| 7 chrB4.160807G | A | 0.2574 | 3944 |
| 7 chrB4.160838A | G | 0.08516 | 4004 |
| 7 chrB4.160867G | A | 0.1526 | 3992 |
| 7 chrB4.160936A | G | 0.1261 | 4004 |
| 7 chrB4.160968A | G | 0.2528 | 4000 |
| 7 chrB4.161033C | A | 0.3612 | 3998 |
| 7 chrB4.161062A | G | 0.1953 | 4000 |
| 7 chrB4.161097A | G | 0.3898 | 3982 |
| 7 chrB4.161157A | G | 0.3284 | 3946 |
| 7 chrB4.161212A | G | 0.1804 | 3942 |
| 7 chrB4.161295G | A | 0.4857 | 3918 |
| 7 chrB4.161324G | A | 0.3099 | 3982 |
| 7 chrB4.161342 | 0 C | 0 | 4008 |
| 7 chrB4.161380G | A | 0.1812 | 3824 |
| 7 chrB4.161457A | G | 0.08977 | 3910 |
| 7 chrB4.161489G | A | 0.02171 | 3870 |
| 7 chrB4.161527A | G | 0.2492 | 3940 |
| 7 chrB4.161569A | G | 0.3185 | 3764 |
| 7 chrB4.161667G | A | 0.09424 | 3990 |
| 7 chrB4.161711C | A | 0.2241 | 3874 |
| 7 chrB4.161746A | C | 0.006 | 4000 |

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| 7 chrB4.161811G | A | 0.3055 | 3814 |
| 7 chrB4.161949A | G | 0.07933 | 3958 |
| 7 chrB4.161980A | G | 0.248 | 3928 |
| 7 chrB4.161982A | G | 0.07921 | 4002 |
| 7 chrB4.162031A | G | 0.3919 | 3792 |
| 7 chrB4.162099G | A | 0.1856 | 3982 |
| 7 chrB4.162257A | G | 0.0937 | 3906 |
| 7 chrB4.162299A | G | 0.147 | 4006 |
| 7 chrB4.162330A | G | 0.1069 | 4004 |
| 7 chrB4.162422A | G | 0.1491 | 3862 |
| 7 chrB4.162461A | G | 0.3025 | 4006 |
| 7 chrB4.162648A | G | 0.09152 | 4010 |
| 7 chrB4.162673C | A | 0.2713 | 4006 |
| 7 chrB4.162700A | G | 0.1631 | 3954 |
| 7 chrB4.162734C | A | 0.1032 | 3848 |
| 7 chrB4.162779A | G | 0.1514 | 3996 |
| 7 chrB4.162804A | G | 0.05741 | 4006 |
| 7 chrB4.162864G | A | 0.1892 | 3964 |
| 7 chrB4.162891G | A | 0.4574 | 3988 |
| 7 chrB4.163019A | C | 0.4755 | 3918 |
| 7 chrB4.163049A | G | 0.2181 | 3870 |
| 7 chrB4.163054G | A | 0.08124 | 3902 |
| 7 chrB4.163090A | G | 0.1694 | 4002 |
| 7 chrB4.163121G | A | 0.3326 | 3948 |
| 7 chrB4.163149A | G | 0.4987 | 3906 |
| 7 chrB4.163190G | A | 0.4884 | 3968 |
| 7 chrB4.163229A | G | 0.491 | 4000 |
| 7 chrB4.163269G | A | 0.3296 | 3978 |
| 7 chrB4.163300C | A | 0.4913 | 4006 |
| 7 chrB4.163332G | A | 0.3611 | 3944 |
| 7 chrB4.163364A | G | 0.4334 | 3978 |
| 7 chrB4.163399G | A | 0.00305 | 3934 |
| 7 chrB4.163409A | G | 0.4405 | 4000 |
| 7 chrB4.163438G | A | 0.4926 | 3900 |
| 7 chrB4.163480A | C | 0.1089 | 3994 |
| 7 chrB4.163530A | G | 0.2505 | 3960 |
| 7 chrB4.163579A | G | 0.127 | 3968 |
| 7 chrB4.163609A | G | 0.4502 | 3998 |
| 7 chrB4.163644G | A | 0.4752 | 3998 |
| 7 chrB4.163681A | G | 0.1128 | 4006 |
| 8 chrUn5.10200G | A | 0.3063 | 4006 |

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| 8 chrUn5.1020 | A | C | 0.1442 | 3974 |
| 8 chrUn5.1022 | G | A | 0.06076 | 3950 |
| 8 chrUn5.1025 | A | G | 0.3075 | 3916 |
| 8 chrUn5.1028 | A | G | 0.1109 | 3984 |
| 8 chrUn5.1030 | G | A | 0.3661 | 4002 |
| 8 chrUn5.1033 | A | C | 0.113 | 3708 |
| 8 chrUn5.1040 | C | A | 0.08346 | 4002 |
| 8 chrUn5.1042 | A | G | 0.003242 | 4010 |
| 8 chrUn5.1046 | A | G | 0.09383 | 3954 |
| 8 chrUn5.1063 | A | G | 0.1229 | 4002 |
| 8 chrUn5.1066 | G | A | 0.3942 | 3980 |
| 8 chrUn5.1068 | A | G | 0.3545 | 3986 |
| 8 chrUn5.1073 | A | G | 0.4055 | 3998 |
| 8 chrC1.9064 | A | C | 0.3202 | 3920 |
| 8 chrC1.49945 | C | A | 0.08342 | 3968 |
| 8 chrC1.92072 | A | C | 0.001002 | 3994 |
| 8 chrC1.16056 | G | A | 0.3424 | 3770 |
| 8 chrC1.18714 | C | A | 0.2177 | 3996 |
| 8 GNB.467 | A | G | 0.0005003 | 3998 |
| 8 GNB.359 | A | G | 0.001002 | 3994 |
| 8 GNB.150 | | 0 A | 0 | 4002 |
| 8 GNB.200 | | 0 A | 0 | 4004 |
| 8 chrC1.22325 | G | A | 0.2008 | 4004 |
| 8 chrC1.29171 | A | C | 0.03499 | 3858 |
| 8 chrC1.51192 | A | G | 0.04566 | 4008 |
| 8 chrC1.56321 | G | A | 0.453 | 3998 |
| 8 chrC1.57032 | A | C | 0.06275 | 4000 |
| 8 chrC1.62761 | G | A | 0.2627 | 3932 |
| 8 chrC1.71657 | G | A | 0.4576 | 3988 |
| 8 chrC1.75712 | A | G | 0.33 | 3918 |
| 8 chrUn5.1076 | G | A | 0.4181 | 4004 |
| 8 chrC1.5785 | A | G | 0.001015 | 3942 |
| 8 chrC1.25225 | C | G | 0.1417 | 3958 |
| 8 chrC1.37557 | G | A | 0.4479 | 3938 |
| 8 chrC1.44621 | G | A | 0.1127 | 3876 |
| 8 chrC1.48400 | A | C | 0.1531 | 3952 |
| 8 chrC1.14101 | G | A | 0.3139 | 3972 |
| 8 chrC1.16340 | G | A | 0.104 | 3960 |
| 8 chrC1.19243 | G | A | 0.04443 | 3984 |
| 8 chrC1.21197 | C | G | 0.4869 | 3880 |
| 8 chrC1.23354 | A | G | 0.2144 | 3922 |

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| 8 chrC1.243455A | G | 0.3415 | 3988 |
| 8 chrC1.246641A | G | 0.4048 | 3888 |
| 8 chrC1.249766A | G | 0.03689 | 3958 |
| 8 chrC1.252320A | G | 0.3918 | 3890 |
| 8 chrC1.256103A | C | 0.09742 | 3798 |
| 8 chrC1.264152A | C | 0.2976 | 3780 |
| 8 chrC1.268227A | G | 0.3029 | 3978 |
| 8 chrC1.273977A | C | 0.083 | 3964 |
| 8 chrC1.277358A | G | 0.08929 | 3976 |
| 8 chrC1.281909G | A | 0.1572 | 3956 |
| 8 chrC1.288576A | G | 0.03215 | 3826 |
| 8 chrC1.295328 | 0 A | 0 | 4006 |
| 8 chrC1.296364G | A | 0.3547 | 3992 |
| 8 chrC1.299030G | A | 0.3079 | 3768 |
| 8 chrC1.303828C | A | 0.04194 | 4006 |
| 8 chrC1.307650G | A | 0.4365 | 4000 |
| 8 chrC1.311483G | A | 0.3891 | 4004 |
| 8 chrC1.317211G | A | 0.425 | 3998 |
| 8 chrC1.320632A | G | 0.04029 | 3996 |
| 8 chrC1.325035G | A | 0.1271 | 4004 |
| 8 chrC1.327655G | A | 0.2555 | 4004 |
| 8 chrC1.331800A | G | 0.3422 | 4004 |
| 8 chrC1.335475A | G | 0.05165 | 3930 |
| 8 chrC1.345251A | C | 0.2492 | 3984 |
| 8 chrC1.348962C | A | 0.1132 | 3984 |
| 8 chrC1.352123A | C | 0.3818 | 4002 |
| 8 chrC1.354698G | A | 0.426 | 3998 |
| 8 chrC1.357395A | G | 0.1373 | 3998 |
| 8 chrC1.360142A | G | 0.353 | 4000 |
| 8 chrC1.365858A | G | 0.4563 | 3940 |
| 8 chrC1.371065A | G | 0.4423 | 3988 |
| 8 chrC1.374832A | G | 0.1293 | 3968 |
| 8 chrC1.378930A | G | 0.3436 | 3996 |
| 8 chrC1.384183A | G | 0.4912 | 3770 |
| 8 chrC1.387251A | G | 0.1296 | 3872 |
| 8 chrC1.390046A | C | 0.1243 | 4006 |
| 8 chrC1.393954A | G | 0.02004 | 3992 |
| 8 chrC1.396343C | A | 0.008919 | 3812 |
| 8 chrC1.396467G | A | 0.4392 | 3930 |
| 8 chrC1.401374A | G | 0.1227 | 3970 |
| 8 chrC1.408894A | G | 0.06284 | 4010 |

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| 8 chrC1.411370A | C | 0.3416 | 4002 |
| 8 chrC1.415491A | G | 0.1823 | 4004 |
| 8 chrC1.418072G | A | 0.2437 | 3992 |
| 8 chrC1.421337G | A | 0.2086 | 3964 |
| 8 chrC1.430089G | A | 0.267 | 3996 |
| 8 chrC1.435876G | A | 0.263 | 4000 |
| 8 chrC1.444782A | G | 0.3451 | 4008 |
| 8 chrC1.448626A | G | 0.07917 | 4004 |
| 8 chrC1.451928A | G | 0.1074 | 3698 |
| 8 chrC1.457928A | G | 0.2862 | 4008 |
| 8 chrC1.461006A | G | 0.2692 | 3982 |
| 8 chrC1.464407A | G | 0.03873 | 4002 |
| 8 chrC1.467665A | G | 0.1668 | 3928 |
| 8 chrC1.470353A | C | 0.1345 | 3912 |
| 8 chrC1.475004G | A | 0.2303 | 3864 |
| 8 chrC1.483161A | C | 0.2494 | 3898 |
| 8 chrC1.485594A | G | 0.1266 | 4004 |
| 8 chrC1.489484A | G | 0.2176 | 3980 |
| 8 chrC1.491856A | G | 0.2559 | 3994 |
| 8 chrC1.494252A | G | 0.4183 | 4004 |
| 8 chrC1.500077A | G | 0.06247 | 4002 |
| 8 chrC1.504827G | A | 0.2808 | 3978 |
| 8 chrC1.511693A | G | 0.1343 | 3998 |
| 8 chrC1.514755C | A | 0.109 | 4000 |
| 8 chrC1.517632A | G | 0.1213 | 4006 |
| 8 chrC1.520363A | C | 0.1154 | 4004 |
| 8 chrC1.524090A | G | 0.1092 | 3976 |
| 8 chrC1.531095G | A | 0.3881 | 3996 |
| 8 chrC1.535800G | A | 0.3195 | 4000 |
| 8 chrC1.538483A | G | 0.4738 | 4000 |
| 8 chrC1.541711G | A | 0.4124 | 3984 |
| 8 chrC1.545470A | G | 0.4135 | 3978 |
| 8 chrC1.549986G | A | 0.3958 | 3974 |
| 8 chrC1.552399A | G | 0.1047 | 4002 |
| 8 chrC1.558411A | G | 0.05695 | 3986 |
| 8 chrC1.561440A | G | 0.1683 | 3980 |
| 8 chrC1.563871G | A | 0.05903 | 3998 |
| 8 chrC1.567322A | G | 0.137 | 4006 |
| 8 chrC1.570678G | A | 0.1168 | 4006 |
| 8 chrC1.577452A | G | 0.1542 | 3994 |
| 8 chrC1.581531G | A | 0.1428 | 4000 |

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| 8 chrC1.586735G | A | 0.1346 | 3848 |
| 8 chrC1.590478A | G | 0.04421 | 4004 |
| 8 chrC1.593322G | A | 0.00303 | 3960 |
| 8 chrC1.593330A | G | 0.1391 | 4004 |
| 8 chrC1.595826A | G | 0.3539 | 3998 |
| 8 chrC1.601211G | A | 0.08442 | 3992 |
| 8 chrC1.604400G | A | 0.4845 | 3996 |
| 8 chrC1.608407A | C | 0.1062 | 4002 |
| 8 chrC1.612001G | A | 0.4855 | 3994 |
| 8 chrC1.616132G | A | 0.3603 | 3816 |
| 8 chrC1.619332A | G | 0.4013 | 3992 |
| 8 chrC1.623005G | A | 0.1355 | 3994 |
| 8 chrC1.627306G | A | 0.3725 | 3976 |
| 8 chrC1.630935C | A | 0.3128 | 4002 |
| 8 chrC1.635355A | G | 0.2947 | 4004 |
| 8 chrC1.638328G | A | 0.2534 | 3970 |
| 8 chrC1.642426A | G | 0.4259 | 4006 |
| 8 chrC1.645394A | G | 0.3631 | 3996 |
| 8 chrC1.649330G | A | 0.03507 | 3992 |
| 8 chrC1.655516G | A | 0.3122 | 3984 |
| 8 chrC1.660053A | G | 0.4322 | 3982 |
| 8 chrC1.663806A | G | 0.3428 | 3944 |
| 8 chrC1.665046G | A | 0.3857 | 3946 |
| 8 chrC1.669750A | G | 0.2885 | 4000 |
| 8 chrC1.674084C | A | 0.1251 | 3974 |
| 8 chrC1.678595A | G | 0.3992 | 3988 |
| 8 chrC1.683710G | A | 0.377 | 3968 |
| 8 chrC1.686509A | G | 0.3218 | 3928 |
| 8 chrC1.697338A | G | 0.3433 | 4002 |
| 8 chrC1.706662A | G | 0.3686 | 4002 |
| 8 chrC1.711071G | A | 0.133 | 3948 |
| 8 chrC1.711903A | G | 0.1883 | 3978 |
| 8 chrC1.714341A | G | 0.08283 | 4008 |
| 8 chrC1.724331A | G | 0.1133 | 3988 |
| 8 chrC1.731237C | A | 0.06695 | 3988 |
| 8 chrC1.735937A | G | 0.4972 | 3996 |
| 8 chrC1.740715A | G | 0.3509 | 3990 |
| 8 chrC1.744930A | G | 0.2627 | 4004 |
| 8 chrC1.748462A | G | 0.3414 | 3998 |
| 8 chrC1.758529G | A | 0.1396 | 3996 |
| 8 chrC1.761225C | A | 0.1279 | 3942 |

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| 8 chrC1.765413A | G | 0.4955 | 3990 |
| 8 chrC1.770728G | A | 0.2301 | 3998 |
| 8 chrC1.774220G | A | 0.008741 | 4004 |
| 8 chrC1.774995C | A | 0.001021 | 3918 |
| 8 chrC1.776821G | A | 0.2449 | 3956 |
| 8 chrC1.783647A | G | 0.2834 | 3998 |
| 8 chrC1.787243A | G | 0.2957 | 3974 |
| 8 chrC1.791504G | A | 0.1419 | 4010 |
| 8 chrC1.800633A | G | 0.1213 | 3964 |
| 8 chrC1.803948A | G | 0.2498 | 4000 |
| 8 chrC1.806747A | G | 0.425 | 4000 |
| 8 chrC1.811021A | G | 0.1274 | 3980 |
| 8 chrC1.817114C | A | 0.1667 | 4002 |
| 8 chrC1.822185G | A | 0.1954 | 3976 |
| 8 chrC1.827183G | A | 0.2367 | 3992 |
| 8 chrC1.830845A | G | 0.2833 | 3992 |
| 8 chrC1.835654A | G | 0.2291 | 3906 |
| 8 chrC1.840733A | G | 0.03842 | 4008 |
| 8 chrC1.843516G | A | 0.1492 | 4002 |
| 8 chrC1.847341C | A | 0.4494 | 4008 |
| 8 chrC1.857546G | A | 0.1512 | 4002 |
| 8 chrC1.860035G | A | 0.3225 | 3950 |
| 8 chrC1.864558G | A | 0.01881 | 3774 |
| 8 chrC1.874595A | G | 0.2312 | 4000 |
| 8 chrC1.880455A | G | 0.2098 | 4004 |
| 8 chrC1.883132A | G | 0.2505 | 3968 |
| 8 chrC1.888959A | G | 0.4781 | 3976 |
| 8 chrC1.892945A | C | 0.03247 | 4004 |
| 8 chrC1.896593A | G | 0.1512 | 4000 |
| 8 chrC1.902421A | G | 0.01722 | 4006 |
| 8 chrC1.905024A | G | 0.3116 | 3992 |
| 8 chrC1.907850A | G | 0.2308 | 3930 |
| 8 chrC1.910860A | C | 0.08979 | 3998 |
| 8 chrC1.918402C | A | 0.02544 | 4010 |
| 8 chrC1.921854A | G | 0.2119 | 4006 |
| 8 chrC1.925810C | A | 0.4239 | 4006 |
| 8 chrC1.930456A | G | 0.2965 | 3990 |
| 8 chrC1.935897A | G | 0.3573 | 3980 |
| 8 chrC1.939252A | G | 0.1855 | 3902 |
| 8 chrC1.943174G | A | 0.02572 | 4004 |
| 8 chrC1.945738A | G | 0.0399 | 4010 |

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| 8 chrC1.948189A | G | 0.3339 | 3998 |
| 8 chrC1.952788A | G | 0.2305 | 3982 |
| 8 chrC1.958122A | G | 0.416 | 4000 |
| 8 chrC1.973859G | A | 0.3584 | 3982 |
| 8 chrUn2.5294C | A | 0.4029 | 3922 |
| 8 chrUn2.5270A | C | 0.1529 | 4002 |
| 8 chrUn2.5269G | A | 0.003509 | 3990 |
| 8 chrUn2.5231A | C | 0.295 | 3664 |
| 8 chrUn2.5206G | A | 0.3312 | 3998 |
| 8 chrUn2.5178A | C | 0.3892 | 3998 |
| 8 chrUn2.5117A | G | 0.1956 | 4004 |
| 8 chrUn2.5008A | G | 0.4506 | 3988 |
| 8 chrUn2.4969C | A | 0.4957 | 3994 |
| 8 chrUn2.4963A | 0 A | 0 | 4002 |
| 8 chrUn2.4892G | A | 0.2462 | 4000 |
| 8 chrUn2.4821A | G | 0.1363 | 3882 |
| 8 chrUn2.4773A | G | 0.325 | 4000 |
| 8 chrUn2.4722A | G | 0.0362 | 4006 |
| 8 chrUn2.4672A | G | 0.1727 | 4002 |
| 8 chrUn2.4478A | G | 0.06247 | 4002 |
| 8 chrUn2.4454G | A | 0.08159 | 4008 |
| 8 chrUn2.4404A | C | 0.3321 | 3984 |
| 8 chrUn2.4344A | G | 0.3949 | 3996 |
| 8 chrUn2.4298A | G | 0.2077 | 3992 |
| 8 chrUn2.4275A | G | 0.4832 | 3874 |
| 8 chrUn2.4262A | G | 0.08595 | 3956 |
| 8 chrUn2.4216C | A | 0.3263 | 4006 |
| 8 chrUn2.4192A | G | 0.3313 | 4002 |
| 8 chrUn2.4163A | G | 0.1849 | 3976 |
| 8 chrUn2.4131A | G | 0.4423 | 4004 |
| 8 chrC1.11609A | G | 0.1009 | 4004 |
| 8 chrC1.116459A | G | 0.2012 | 3996 |
| 8 chrC1.116818A | G | 0.2033 | 3980 |
| 8 chrC1.11734G | A | 0.08476 | 3976 |
| 8 chrC1.117652G | A | 0.3722 | 4006 |
| 8 chrC1.117946G | A | 0.1804 | 3986 |
| 8 chrC1.118231A | G | 0.2884 | 3846 |
| 8 chrC1.118551A | G | 0.2601 | 3972 |
| 8 chrC1.119271G | A | 0.2437 | 3984 |
| 8 chrC1.11987G | A | 0.1659 | 3978 |
| 8 chrC1.120216A | C | 0.1517 | 3996 |

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| 8 chrC1.121091C | A | 0.3478 | 4002 |
| 8 chrC1.121344A | G | 0.08529 | 3998 |
| 8 chrE1.774385A | G | 0.2811 | 3998 |
| 8 chrC1.121768G | A | 0.3722 | 4000 |
| 8 chrC1.122218A | G | 0.2686 | 3968 |
| 8 chrC1.122511G | A | 0.09401 | 4010 |
| 8 chrC1.122750A | G | 0.2521 | 4006 |
| 8 chrC1.123146A | G | 0.139 | 4006 |
| 8 chrC1.123432G | A | 0.02097 | 4006 |
| 8 chrC1.124060G | A | 0.1829 | 3904 |
| 8 chrC1.124572A | G | 0.4182 | 3996 |
| 8 chrC1.125129A | G | 0.2466 | 3998 |
| 8 chrC1.125464G | A | 0.132 | 4008 |
| 8 chrC1.126042A | C | 0.2353 | 3838 |
| 8 chrC1.126758A | G | 0.1061 | 3986 |
| 8 chrC1.127031G | A | 0.472 | 4006 |
| 8 chrC1.127268G | A | 0.3259 | 3998 |
| 8 chrC1.127804A | G | 0.2171 | 3966 |
| 8 chrC1.128772A | C | 0.2784 | 3972 |
| 8 chrC1.129119A | G | 0.4957 | 3918 |
| 8 chrC1.129441G | A | 0.1183 | 4008 |
| 8 chrC1.129744C | A | 0.3598 | 3988 |
| 8 chrC1.130072A | G | 0.3448 | 3994 |
| 8 chrC1.130343A | G | 0.1885 | 4006 |
| 8 chrC1.130970A | C | 0.2305 | 3996 |
| 8 chrC1.131718G | A | 0.09011 | 4006 |
| 8 chrC1.132016A | G | 0.1389 | 4004 |
| 8 chrC1.133499A | G | 0.4057 | 4000 |
| 8 chrC1.133842C | A | 0.2137 | 4000 |
| 8 chrC1.134557A | G | 0.03412 | 3810 |
| 8 chrC1.134995G | A | 0.4002 | 3996 |
| 8 chrC1.135246A | G | 0.3315 | 3988 |
| 8 chrC1.135500A | C | 0.3916 | 3910 |
| 8 chrC1.135776A | G | 0.4384 | 3996 |
| 8 chrC1.136171A | G | 0.4391 | 4004 |
| 8 chrC1.136671C | A | 0.1793 | 3988 |
| 8 chrC1.136919A | C | 0.464 | 4002 |
| 8 chrC1.137187G | A | 0.1081 | 4006 |
| 8 chrC1.137468A | G | 0.4842 | 3998 |
| 8 chrC1.137577A | G | 0.1715 | 3708 |
| 8 chrC1.137837A | G | 0.2001 | 3828 |

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| 8 chrC1.138235G | A | 0.3692 | 4000 |
| 8 chrC1.138938G | A | 0.1331 | 3998 |
| 8 chrC1.139478A | G | 0.1761 | 3992 |
| 8 chrC1.139995A | G | 0.1697 | 3984 |
| 8 chrC1.140381G | A | 0.1396 | 3996 |
| 8 chrC1.140631A | G | 0.1111 | 3998 |
| 8 chrC1.141244G | A | 0.2793 | 3988 |
| 8 chrC1.141486G | A | 0.2716 | 3998 |
| 8 chrC1.142072G | A | 0.02411 | 3982 |
| 8 chrC1.142579A | C | 0.3673 | 4002 |
| 8 chrC1.142981A | G | 0.2966 | 4002 |
| 8 chrC1.143034A | G | 0.3193 | 4002 |
| 8 chrC1.143497A | G | 0.06665 | 4006 |
| 8 chrC1.143935A | G | 0.2066 | 3998 |
| 8 chrC1.144366A | G | 0.2599 | 3982 |
| 8 chrC1.145701G | A | 0.379 | 3974 |
| 8 chrC1.146407A | C | 0.1786 | 4008 |
| 8 chrC1.147789A | G | 0.04561 | 3990 |
| 8 chrC1.148212G | A | 0.05782 | 3822 |
| 8 chrC1.148631G | A | 0.3179 | 3964 |
| 8 chrC1.149157G | A | 0.228 | 4000 |
| 8 chrC1.149740A | G | 0.2771 | 4006 |
| 8 chrC1.149986A | G | 0.4474 | 3994 |
| 8 chrC1.150404G | A | 0.4462 | 3942 |
| 8 chrC1.151124A | G | 0.05289 | 4008 |
| 8 chrC1.151587C | A | 0.07875 | 3924 |
| 8 chrC1.151867A | G | 0.4721 | 3982 |
| 8 chrC1.152155A | G | 0.0429 | 3986 |
| 8 chrC1.152451G | A | 0.1773 | 3874 |
| 8 chrC1.152757A | G | 0.2942 | 3906 |
| 8 chrC1.153380G | A | 0.1415 | 3966 |
| 8 chrC1.153744A | G | 0.1745 | 3982 |
| 8 chrC1.153760A | G | 0.207 | 4000 |
| 8 chrC1.154247G | A | 0.1702 | 3960 |
| 8 chrC1.154622C | A | 0.4743 | 3962 |
| 8 chrC1.154902A | G | 0.1969 | 3754 |
| 8 chrC1.155265G | A | 0.3901 | 3894 |
| 8 chrC1.155921A | G | 0.4931 | 3930 |
| 8 chrC1.156514C | A | 0.003268 | 3978 |
| 8 chrC1.156757G | A | 0.2506 | 3974 |
| 8 chrC1.157231A | G | 0.1673 | 4000 |

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| 8 chrC1.157807C | A | 0.1242 | 4002 |
| 8 chrC1.158283A | G | 0.2643 | 3976 |
| 8 chrC1.158613G | A | 0.1433 | 3992 |
| 8 chrC1.158904G | A | 0.3112 | 3734 |
| 8 chrC1.159788G | A | 0.4869 | 3984 |
| 8 chrC1.160037A | G | 0.07623 | 3988 |
| 8 chrC1.160441A | G | 0.1179 | 4002 |
| 8 chrC1.161095A | C | 0.4392 | 3996 |
| 8 chrC1.161637A | G | 0.2825 | 4004 |
| 8 chrC1.161991A | G | 0.1724 | 4002 |
| 8 chrC1.162840G | A | 0.1113 | 3988 |
| 8 chrC1.163262G | A | 0.007583 | 3956 |
| 8 chrC1.164980G | A | 0.486 | 3998 |
| 8 chrC1.165376A | G | 0.1508 | 4004 |
| 8 chrC1.166097A | G | 0.1897 | 4006 |
| 8 chrC1.166976G | A | 0.1176 | 3998 |
| 8 chrC1.167064A | G | 0.002252 | 3996 |
| 8 chrC1.167279C | A | 0.1632 | 3996 |
| 8 chrC1.167517G | A | 0.49 | 3998 |
| 8 chrC1.167943G | A | 0.4995 | 3996 |
| 8 chrC1.168754A | G | 0.2695 | 4004 |
| 8 chrC1.169262A | G | 0.2366 | 3982 |
| 8 chrC1.169572A | G | 0.1542 | 4000 |
| 8 chrC1.169961A | C | 0.08743 | 3866 |
| 8 chrC1.170273A | C | 0.1088 | 3990 |
| 8 chrC1.170702G | A | 0.1199 | 4004 |
| 8 chrC1.171004C | A | 0.3099 | 3962 |
| 8 chrC1.171384A | G | 0.2816 | 3998 |
| 8 chrC1.171884A | G | 0.3538 | 3988 |
| 8 chrC1.172676A | G | 0.06983 | 4010 |
| 8 chrC1.173118G | A | 0.2905 | 3986 |
| 8 chrC1.173527G | A | 0.1447 | 4002 |
| 8 chrC1.173992A | G | 0.2487 | 3980 |
| 8 chrC1.174356C | A | 0.156 | 4000 |
| 8 chrC1.174442A | G | 0.4564 | 3994 |
| 8 chrC1.174858G | A | 0.2069 | 4006 |
| 8 chrC1.175175G | A | 0.07229 | 3998 |
| 8 chrC1.175677G | A | 0.1577 | 3938 |
| 8 chrC1.176011A | G | 0.1383 | 3918 |
| 8 chrC1.176780A | G | 0.4412 | 3996 |
| 8 chrC1.177085A | G | 0.1973 | 3978 |

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| 8 chrC1.177518G | A | 0.09281 | 4008 |
| 8 chrC1.178007C | A | 0.366 | 3984 |
| 8 chrC1.179246G | A | 0.06038 | 4008 |
| 8 chrC1.179590G | A | 0.3838 | 3986 |
| 8 chrC1.180035G | A | 0.3206 | 4002 |
| 8 chrC1.180411A | C | 0.2147 | 4000 |
| 8 chrC1.180956C | A | 0.3877 | 4006 |
| 8 chrC1.181276A | G | 0.257 | 4004 |
| 8 chrC1.181746C | A | 0.1987 | 3876 |
| 8 chrC1.182751A | G | 0.2354 | 3950 |
| 8 chrC1.183550G | A | 0.2049 | 4002 |
| 8 chrC1.183792G | A | 0.2257 | 3978 |
| 8 chrC1.184356A | C | 0.4758 | 4000 |
| 8 chrC1.184919G | A | 0.06147 | 3758 |
| 8 chrC1.185213G | A | 0.1985 | 3944 |
| 8 chrC1.185830A | G | 0.2756 | 3992 |
| 8 chrC1.186287A | C | 0.3076 | 3986 |
| 8 chrC1.186647A | C | 0.2533 | 3988 |
| 8 chrC1.186892C | A | 0.3435 | 4000 |
| 8 chrC1.187366G | A | 0.4446 | 3986 |
| 8 chrC1.187756A | G | 0.1819 | 3996 |
| 8 chrC1.188021G | A | 0.4501 | 3984 |
| 8 chrC1.188403A | G | 0.05505 | 3960 |
| 8 chrC1.188923A | G | 0.06062 | 3794 |
| 8 chrC1.189084A | G | 0.2126 | 4002 |
| 8 chrC1.189351G | A | 0.339 | 4006 |
| 8 chrC1.190007G | A | 0.2944 | 3998 |
| 8 chrC1.190261A | G | 0.1066 | 4006 |
| 8 chrC1.190633A | C | 0.231 | 3992 |
| 8 chrC1.190900A | G | 0.2611 | 4002 |
| 8 chrC1.191385A | G | 0.2278 | 4004 |
| 8 chrC1.192054A | G | 0.1632 | 3996 |
| 8 chrC1.192419G | A | 0.1488 | 3998 |
| 8 chrC1.192877A | G | 0.1428 | 4000 |
| 8 chrC1.193469G | A | 0.1209 | 3996 |
| 8 chrC1.193856G | A | 0.1591 | 3910 |
| 8 chrC1.194270G | A | 0.2739 | 3962 |
| 8 chrC1.194634A | C | 0.1388 | 4000 |
| 8 chrC1.195179G | A | 0.1623 | 3998 |
| 8 chrC1.195582A | C | 0.2459 | 3994 |
| 8 chrC1.196027G | A | 0.1732 | 3990 |

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| 8 chrC1.196354G | A | 0.4763 | 4006 |
| 8 chrC1.196712A | G | 0.2174 | 4002 |
| 8 chrC1.197273A | C | 0.1697 | 3996 |
| 8 chrC1.197871A | G | 0.4531 | 4006 |
| 8 chrC1.198278G | A | 0.1383 | 3990 |
| 8 chrC1.198425G | A | 0.1505 | 4006 |
| 8 chrC1.198931G | A | 0.01276 | 3996 |
| 8 chrC1.199904A | G | 0.1176 | 4004 |
| 8 chrC1.200310G | A | 0.1658 | 4004 |
| 8 chrC1.200584G | A | 0.3861 | 4004 |
| 8 chrC1.200889C | A | 0.3754 | 3940 |
| 8 chrC1.201374A | G | 0.2308 | 4000 |
| 8 chrC1.201750A | G | 0.1403 | 3984 |
| 8 chrC1.202522A | C | 0.05962 | 3992 |
| 8 chrC1.203589A | G | 0.0342 | 4006 |
| 8 chrC1.203944A | G | 0.2605 | 4004 |
| 8 chrC1.204377A | G | 0.3442 | 3986 |
| 8 chrC1.204766A | G | 0.1025 | 4000 |
| 8 chrC1.205332G | A | 0.4575 | 4002 |
| 8 chrC1.206000G | A | 0.3206 | 4002 |
| 8 chrC1.206255G | A | 0.07842 | 4004 |
| 8 chrC1.206600A | G | 0.4957 | 3992 |
| 8 chrC1.206844A | G | 0.1111 | 4006 |
| 8 chrC1.207254G | A | 0.3422 | 4006 |
| 8 chrC1.207559A | G | 0.1222 | 3994 |
| 8 chrC1.207828A | G | 0.05178 | 3998 |
| 8 chrC1.208111A | G | 0.1634 | 3984 |
| 8 chrC1.208401G | A | 0.09845 | 4002 |
| 8 chrUn.675658A | G | 0.3846 | 3976 |
| 8 chrC1.209022C | A | 0.3643 | 4002 |
| 8 chrC1.209320C | A | 0.2524 | 3986 |
| 8 chrC1.210666A | G | 0.07838 | 3636 |
| 8 chrC1.211193G | A | 0.3869 | 4006 |
| 8 chrC1.211968A | G | 0.3124 | 3960 |
| 8 chrC1.213087A | C | 0.06331 | 3996 |
| 8 chrC1.213606C | A | 0.3608 | 3902 |
| 8 chrC1.214107A | G | 0.1062 | 3966 |
| 8 chrC1.214486A | G | 0.0238 | 3782 |
| 8 chrC1.215215A | G | 0.1447 | 4002 |
| 8 chrC1.215720A | G | 0.387 | 4000 |
| 8 chrC1.216521A | C | 0.1449 | 3996 |

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| 8 chrC1.216843A | G | 0.2741 | 3998 |
| 8 chrC1.217106A | G | 0.3169 | 3998 |
| 8 chrC1.217511A | G | 0.2824 | 3980 |
| 8 chrC1.218481G | A | 0.4384 | 3994 |
| 8 chrC1.218757A | G | 0.4204 | 3996 |
| 8 chrC1.218770A | G | 0.1562 | 3904 |
| 8 chrC1.218998A | G | 0.1302 | 4010 |
| 8 chrC1.219372A | G | 0.1715 | 3994 |
| 8 chrC1.219624C | A | 0.3191 | 3968 |
| 8 chrC1.219908A | G | 0.2658 | 3950 |
| 8 chrC1.220378A | G | 0.3934 | 4006 |
| 8 chrC1.220993A | G | 0.2237 | 3988 |
| 8 chrC1.221236A | C | 0.2793 | 3846 |
| 8 chrC1.221672C | A | 0.2167 | 3996 |
| 8 chrC1.221931A | G | 0.2301 | 3986 |
| 8 chrC1.222490C | A | 0.1076 | 3998 |
| 8 chrC1.222830A | C | 0.2116 | 3994 |
| 8 chrC1.223250G | A | 0.3695 | 3894 |
| 8 chrC1.223625A | G | 0.05587 | 3938 |
| 8 chrC1.224344A | G | 0.4221 | 4004 |
| 8 chrC1.224693A | G | 0.07625 | 4000 |
| 8 chrC1.225168A | G | 0.02097 | 4006 |
| 8 chrC1.225450G | A | 0.499 | 3960 |
| 8 chrC1.226026G | A | 0.1715 | 4000 |
| 8 chrC1.226470A | G | 0.1274 | 3916 |
| 8 chrC1.226962A | G | 0.3544 | 4004 |
| 8 chrC1.227737G | A | 0.2843 | 4000 |
| 8 chrC1.228013G | A | 0.4498 | 4006 |
| 8 chrC1.228564A | G | 0.1569 | 4002 |
| 8 chrC1.229074A | G | 0.4057 | 3998 |
| 8 chrC1.229401C | A | 0.3357 | 4006 |
| 8 chrC1.229786A | G | 0.4546 | 3988 |
| 8 chrC1.229892A | C | 0.2526 | 3852 |
| 8 chrC1.230436A | G | 0.3186 | 4002 |
| 8 chrC1.230985A | G | 0.4564 | 3992 |
| 8 chrC1.231445G | A | 0.1532 | 4002 |
| 8 chrC1.231899A | C | 0.2106 | 3984 |
| 8 chrC1.232221A | C | 0.174 | 3936 |
| 8 chrC1.232469A | G | 0.3986 | 3984 |
| 8 chrC1.232828G | A | 0.2284 | 3984 |
| 8 chrC1.233513G | A | 0.4577 | 3994 |

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| 8 chrC1.235204G | A | 0.07377 | 3958 |
| 8 chrC1.235568G | A | 0.2853 | 4006 |
| 8 chrC1.236419A | C | 0.1751 | 3992 |
| 8 chrC1.236750A | G | 0.3821 | 3970 |
| 8 chrC1.237085C | A | 0.3526 | 3982 |
| 8 chrC1.237381A | G | 0.158 | 3994 |
| 8 chrC1.237674G | A | 0.05611 | 4010 |
| 8 chrC1.237937C | A | 0.06194 | 4004 |
| 8 chrC1.239193G | A | 0.3299 | 4004 |
| 8 chrC1.240022A | G | 0.09703 | 3844 |
| 8 chrC1.240408G | A | 0.381 | 3672 |
| 8 chrC1.241106A | G | 0.2232 | 3782 |
| 8 chrC1.241824A | G | 0.4666 | 4006 |
| 8 chrC1.242220A | G | 0.1727 | 4002 |
| 8 chrC1.242465A | G | 0.003498 | 4002 |
| 8 chrC1.242577A | G | 0.466 | 3996 |
| 8 chrC1.242873G | A | 0.3524 | 3868 |
| 8 chrC1.243194A | C | 0.4256 | 4006 |
| 8 chrC1.243642A | G | 0.02381 | 3822 |
| 8 chrC1.244261A | G | 0.1407 | 3986 |
| 8 chrC1.245709G | A | 0.4318 | 3976 |
| 8 chrC1.246178A | G | 0.4805 | 3954 |
| 8 chrC1.246561A | G | 0.221 | 3996 |
| 8 chrC1.247012A | G | 0.218 | 4004 |
| 8 chrC1.247824A | G | 0.06275 | 4000 |
| 8 chrC1.248122A | G | 0.1806 | 4008 |
| 8 chrC1.248823G | A | 0.1658 | 4000 |
| 8 chrC1.249144A | G | 0.4755 | 3998 |
| 8 chrC1.249657A | G | 0.1697 | 4006 |
| 8 chrC1.250150C | A | 0.3617 | 3998 |
| 8 chrC1.250554A | G | 0.09311 | 4006 |
| 8 chrC1.250600G | A | 0.2136 | 3980 |
| 8 chrC1.250986A | C | 0.3354 | 4010 |
| 8 chrC1.251831A | G | 0.1716 | 3980 |
| 8 chrC1.252281G | A | 0.2945 | 3990 |
| 8 chrC1.252547G | A | 0.2621 | 4002 |
| 8 chrC1.252896C | A | 0.3429 | 4010 |
| 8 chrC1.253345A | G | 0.02563 | 3980 |
| 8 chrC1.253812A | C | 0.1427 | 3974 |
| 8 chrC1.254091G | A | 0.0313 | 3930 |
| 8 chrC1.255008A | G | 0.2326 | 3994 |

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| 8 chrC1.255247G | A | 0.4847 | 3926 |
| 8 chrC1.255747A | G | 0.1218 | 4000 |
| 8 chrC1.256021A | G | 0.4387 | 3996 |
| 8 chrC1.256498G | A | 0.1678 | 3958 |
| 8 chrC1.256689A | G | 0.1405 | 3936 |
| 8 chrC1.256837C | A | 0.1131 | 3996 |
| 8 chrC1.257139A | G | 0.3958 | 3994 |
| 8 chrC1.258024A | G | 0.1057 | 4000 |
| 8 chrC1.258418G | A | 0.4758 | 4000 |
| 8 chrC1.258672A | G | 0.425 | 3960 |
| 8 chrC1.259442G | A | 0.02876 | 3998 |
| 8 chrC1.259702A | C | 0.1913 | 3994 |
| 8 chrC1.260018A | G | 0.008479 | 4010 |
| 8 chrC1.260779A | G | 0.24 | 4000 |
| 8 chrC1.261092G | A | 0.1467 | 3954 |
| 8 chrC1.261651A | G | 0.4616 | 3988 |
| 8 chrC1.262288G | A | 0.0004988 | 4010 |
| 8 chrC1.262289G | A | 0.4546 | 3898 |
| 8 chrC1.262836C | A | 0.07418 | 3842 |
| 8 chrC1.263370A | G | 0.3955 | 3990 |
| 8 chrC1.263866A | G | 0.07756 | 4010 |
| 8 chrC1.264365G | A | 0.2777 | 4004 |
| 8 chrC1.265080G | A | 0.08192 | 4004 |
| 8 chrUn.794900G | A | 0.02849 | 4002 |
| 8 chrC1.267079A | G | 0.176 | 4006 |
| 8 chrC1.268286G | A | 0.01398 | 4006 |
| 8 chrC1.269131A | C | 0.4952 | 3994 |
| 8 chrC1.269936G | A | 0.02615 | 3900 |
| 8 chrC1.270512G | A | 0.4515 | 4002 |
| 8 chrC1.270774G | A | 0.225 | 3894 |
| 8 chrC1.271033G | A | 0.472 | 3676 |
| 8 chrC1.271336G | A | 0.1576 | 4004 |
| 8 chrC1.272042A | G | 0.325 | 3994 |
| 8 chrC1.272465C | A | 0.02097 | 4006 |
| 8 chrC1.273746A | G | 0.02369 | 4010 |
| 8 chrC1.274073C | A | 0.1811 | 4004 |
| 8 chrC1.274555A | G | 0.2844 | 4008 |
| 8 chrC1.275136A | G | 0.1242 | 4010 |
| 8 chrC1.275503G | A | 0.1648 | 3962 |
| 8 chrC1.276002G | A | 0.225 | 3996 |
| 8 chrC1.276280A | G | 0.1641 | 3998 |

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| 8 chrC1.276603A | G | 0.3663 | 4000 |
| 8 chrC1.276613 | 0 G | 0 | 4008 |
| 8 chrC1.276615G | A | 0.0511 | 3914 |
| 8 chrA1.413563A | G | 0.3435 | 4006 |
| 8 chrA1.290766A | G | 0.4095 | 3980 |
| 8 chrA1.290728A | C | 0.2632 | 4004 |
| 8 chrA1.290617A | G | 0.2991 | 4002 |
| 8 chrA1.290560A | G | 0.2395 | 4000 |
| 8 chrA1.290476G | A | 0.3611 | 3982 |
| 8 chrA1.290443A | G | 0.05339 | 4008 |
| 8 chrC1.278447G | A | 0.2638 | 4010 |
| 8 chrC1.278943G | A | 0.2825 | 3990 |
| 8 chrA1.290317G | A | 0.281 | 3900 |
| 8 chrA1.290202A | G | 0.443 | 3998 |
| 8 chrC1.279836C | A | 0.3345 | 3958 |
| 8 chrA1.290147C | A | 0.3995 | 3950 |
| 8 chrC1.280259 | 0 G | 0 | 4010 |
| 8 chrC1.280501G | A | 0.1403 | 3956 |
| 8 chrC1.281284A | G | 0.1635 | 3970 |
| 8 chrC1.281660A | C | 0.4415 | 4000 |
| 8 chrC1.281955C | A | 0.08734 | 3996 |
| 8 chrC1.282205A | G | 0.1522 | 4002 |
| 8 chrC1.282555G | A | 0.3341 | 3990 |
| 8 chrC1.283147A | G | 0.1811 | 3992 |
| 8 chrC1.283499A | C | 0.3202 | 3976 |
| 8 chrC1.283966G | A | 0.3736 | 3988 |
| 8 chrC1.284387A | G | 0.1465 | 3994 |
| 8 chrC1.284882A | G | 0.2172 | 4006 |
| 8 chrC1.285374A | G | 0.2552 | 4004 |
| 8 chrC1.285736A | G | 0.4865 | 3990 |
| 8 chrC1.285838A | G | 0.3689 | 3914 |
| 8 chrC1.286285G | A | 0.2916 | 3896 |
| 8 chrC1.286643A | G | 0.137 | 3824 |
| 8 chrC1.287054 | 0 C | 0 | 4010 |
| 8 chrC1.293329A | G | 0.1216 | 4004 |
| 8 chrC1.288390G | A | 0.4024 | 3996 |
| 8 chrC1.296591G | A | 0.3499 | 3990 |
| 8 chrC1.289258A | G | 0.2945 | 3996 |
| 8 chrC1.290016G | A | 0.001775 | 3944 |
| 8 chrC1.289578A | G | 0.06661 | 3828 |
| 8 chrC1.288766C | A | 0.02729 | 3848 |

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| 8 chrC1.291240A | G | 0.2082 | 3976 |
| 8 chrC1.291614G | A | 0.06029 | 3782 |
| 8 chrC1.291973A | G | 0.4545 | 3956 |
| 8 chrC1.292678A | G | 0.1538 | 3998 |
| 8 chrC1.293860A | G | 0.2633 | 3996 |
| 8 chrC1.294497A | G | 0.1597 | 3988 |
| 8 chrC1.295030A | C | 0.3237 | 3960 |
| 8 chrC1.290911A | G | 0.3267 | 3994 |
| 8 chrC1.295330A | G | 0.263 | 3954 |
| 8 chrC1.295819A | G | 0.4373 | 3956 |
| 8 chrC1.297791A | G | 0.1165 | 3992 |
| 8 chrC1.298312A | G | 0.01989 | 3922 |
| 8 chrC1.298332A | G | 0.04427 | 3998 |
| 8 chrC1.298947A | G | 0.4611 | 3982 |
| 8 chrC1.299320A | G | 0.01215 | 3952 |
| 8 chrC1.299731A | G | 0.01202 | 3994 |
| 8 chrC1.300378G | A | 0.01274 | 3924 |
| 8 chrC1.300825A | C | 0.05277 | 3942 |
| 8 chrC1.301396A | G | 0.3624 | 3924 |
| 8 chrC1.301942G | A | 0.184 | 4006 |
| 8 chrC1.302479G | A | 0.01891 | 3754 |
| 8 chrC1.302867A | G | 0.2696 | 4002 |
| 8 chrC1.303447G | A | 0.1742 | 3990 |
| 8 chrC1.303867A | C | 0.4716 | 3942 |
| 8 chrC1.304287A | G | 0.1062 | 3992 |
| 8 chrC1.304625G | A | 0.04271 | 4004 |
| 8 chrC1.304765A | C | 0.07586 | 3994 |
| 8 chrC1.305379A | G | 0.4214 | 3996 |
| 8 chrC1.306002A | G | 0.2747 | 4004 |
| 8 chrC1.306474C | A | 0.278 | 4000 |
| 8 chrC1.306842A | G | 0.08321 | 4002 |
| 8 chrC1.307292A | G | 0.2341 | 3998 |
| 8 chrC1.307578A | G | 0.3671 | 4002 |
| 8 chrC1.308955G | A | 0.3104 | 4004 |
| 8 chrC1.309227G | A | 0.1261 | 3998 |
| 8 chrC1.310371C | A | 0.1079 | 3996 |
| 8 chrC1.311060A | G | 0.2404 | 3990 |
| 8 chrC1.311561A | G | 0.01684 | 3978 |
| 8 chrC1.312045G | A | 0.007194 | 3892 |
| 8 chrC1.312429G | A | 0.4077 | 3986 |
| 8 chrC1.313145G | A | 0.07232 | 3996 |

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| 8 chrC1.313568A | C | 0.006238 | 4008 |
| 8 chrC1.313851G | A | 0.01804 | 3992 |
| 8 chrC1.315089A | G | 0.03077 | 3998 |
| 8 chrC1.315354A | G | 0.191 | 3990 |
| 8 chrC1.315705A | C | 0.01064 | 3946 |
| 8 chrC1.316247 | 0 G | 0 | 4008 |
| 8 chrC1.316843G | A | 0.4366 | 4006 |
| 8 chrC1.317542G | A | 0.2809 | 3938 |
| 8 chrC1.317871G | A | 0.02868 | 4010 |
| 8 chrC1.318477A | G | 0.3309 | 3974 |
| 8 chrC1.318718A | G | 0.04577 | 3780 |
| 8 chrC1.319242G | A | 0.155 | 3936 |
| 8 chrC1.319632A | G | 0.1116 | 3996 |
| 8 chrC1.320018A | G | 0.3524 | 3998 |
| 8 chrC1.320298G | A | 0.2426 | 4006 |
| 8 chrC1.320712G | A | 0.3098 | 4002 |
| 8 chrC1.321357A | G | 0.2579 | 3986 |
| 8 chrUn2.40918G | A | 0.2188 | 3986 |
| 8 chrUn2.40314A | G | 0.3361 | 3984 |
| 8 chrUn2.39891C | A | 0.1652 | 3862 |
| 8 chrUn2.39349G | A | 0.2917 | 3994 |
| 8 chrUn2.38801G | A | 0.3259 | 3992 |
| 8 chrUn2.38560A | G | 0.09473 | 3832 |
| 8 chrUn2.38030C | A | 0.4897 | 3990 |
| 8 chrUn2.37401G | A | 0.08487 | 4006 |
| 8 chrUn2.36338C | A | 0.118 | 3976 |
| 8 chrC1.412310G | A | 0.0247 | 4008 |
| 8 chrC1.412916A | G | 0.1078 | 4008 |
| 8 chrC1.413218G | A | 0.3517 | 4006 |
| 8 chrC1.413517G | A | 0.2416 | 3932 |
| 8 chrC1.413993A | G | 0.1157 | 3968 |
| 8 chrC1.414283G | A | 0.1288 | 4000 |
| 8 chrC1.414756A | G | 0.4458 | 4002 |
| 8 chrC1.415088A | G | 0.1493 | 3924 |
| 8 chrC1.415377A | G | 0.4029 | 3922 |
| 8 chrC1.415950A | G | 0.1781 | 3986 |
| 8 chrC1.416287A | C | 0.0986 | 4006 |
| 8 chrC1.416668A | G | 0.4967 | 3994 |
| 8 chrC1.417461G | A | 0.2046 | 3988 |
| 8 chrC1.417785C | A | 0.1532 | 4000 |
| 8 chrC1.418176A | G | 0.03944 | 4006 |

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| 8 chrC1.418490C | A | 0.06256 | 3980 |
| 8 chrC1.419031A | G | 0.2183 | 4004 |
| 8 chrC1.419893A | G | 0.01127 | 3994 |
| 8 chrC1.419979A | C | 0.47 | 4002 |
| 8 chrC1.421028A | G | 0.4387 | 4000 |
| 8 chrC1.421888A | G | 0.0998 | 4008 |
| 8 chrC1.422235A | G | 0.2393 | 4008 |
| 8 chrC1.422591G | A | 0.2397 | 3996 |
| 8 chrC1.422998A | G | 0.3149 | 4004 |
| 8 chrC1.423527G | A | 0.1018 | 4006 |
| 8 chrC1.423937G | A | 0.2242 | 3992 |
| 8 chrC1.424340A | G | 0.473 | 4002 |
| 8 chrC1.424759G | A | 0.3541 | 3996 |
| 8 chrC1.425516G | A | 0.3835 | 3974 |
| 8 chrC1.425801G | A | 0.1728 | 3964 |
| 8 chrC1.426079A | G | 0.3239 | 4004 |
| 8 chrC1.426473C | A | 0.3455 | 3994 |
| 8 chrC1.426899A | G | 0.03421 | 3976 |
| 8 chrC1.427327A | G | 0.332 | 4006 |
| 8 chrC1.428023A | G | 0.1988 | 4004 |
| 8 chrC1.428536G | A | 0.4518 | 3980 |
| 8 chrC1.428907A | G | 0.2338 | 3896 |
| 8 chrC1.429266G | A | 0.002504 | 3994 |
| 8 chrC1.430406G | A | 0.1282 | 4002 |
| 8 chrC1.430802A | G | 0.1363 | 3992 |
| 8 chrC1.431343A | G | 0.1558 | 3954 |
| 8 chrC1.431783A | G | 0.001752 | 3996 |
| 8 chrC1.432480G | A | 0.3727 | 3904 |
| 8 chrUn.557189G | A | 0.196 | 4006 |
| 8 chrC1.432776A | G | 0.1635 | 4006 |
| 8 chrC1.433019A | G | 0.1642 | 4002 |
| 8 chrC1.433978G | A | 0.1971 | 3988 |
| 8 chrC1.434320A | G | 0.1266 | 4004 |
| 8 chrC1.434690G | A | 0.005744 | 4004 |
| 8 chrC1.434725A | C | 0.4054 | 4006 |
| 8 chrC1.435054A | G | 0.3546 | 4002 |
| 8 chrC1.435333G | A | 0.4639 | 3994 |
| 8 chrC1.435911A | G | 0.01599 | 4002 |
| 8 chrB4.133750G | A | 0.005242 | 4006 |
| 8 chrC1.436464A | G | 0.3318 | 4002 |
| 8 chrC1.437295A | G | 0.09965 | 3974 |

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| 8 chrC1.437691C | A | 0.3696 | 4004 |
| 8 chrC1.438019G | A | 0.001995 | 4010 |
| 8 chrC1.438399G | A | 0.2811 | 4002 |
| 8 chrC1.438732A | C | 0.006484 | 4010 |
| 8 chrC1.439397A | G | 0.4699 | 3982 |
| 8 chrC1.439660G | A | 0.1341 | 3990 |
| 8 chrC1.439937G | A | 0.004491 | 4008 |
| 8 chrC1.440229A | G | 0.3751 | 3980 |
| 8 chrC1.440507A | G | 0.03844 | 3746 |
| 8 chrC1.440839G | A | 0.2477 | 3980 |
| 8 chrC1.441208G | A | 0.1404 | 3968 |
| 8 chrC1.441489G | A | 0.4236 | 4004 |
| 8 chrC1.441799A | G | 0.3099 | 3998 |
| 8 chrC1.442112G | A | 0.189 | 3990 |
| 8 chrC1.442378A | G | 0.2388 | 4000 |
| 8 chrC1.442774A | G | 0.1188 | 4008 |
| 8 chrC1.443469A | G | 0.05938 | 4008 |
| 8 chrC1.444479A | G | 0.1922 | 4006 |
| 8 chrC1.445190G | A | 0.4102 | 3986 |
| 8 chrC1.445634G | A | 0.356 | 3994 |
| 8 chrC1.446488G | A | 0.2409 | 3968 |
| 8 chrC1.447136A | G | 0.341 | 3976 |
| 8 chrC1.447386A | G | 0.1394 | 3916 |
| 8 chrC1.447609G | A | 0.2699 | 3938 |
| 8 chrC1.447919A | G | 0.1017 | 3982 |
| 8 chrC1.448749A | G | 0.4677 | 3964 |
| 8 chrC1.449109C | A | 0.1581 | 3928 |
| 8 chrC1.449471A | G | 0.1707 | 3966 |
| 8 chrC1.450020A | G | 0.2214 | 3708 |
| 8 chrC1.450438G | A | 0.2723 | 3996 |
| 8 chrC1.450912A | G | 0.4412 | 3994 |
| 8 chrC1.452081A | G | 0.06965 | 4006 |
| 8 chrC1.452319C | A | 0.4285 | 3988 |
| 8 chrC1.452728A | G | 0.328 | 3994 |
| 8 chrC1.453779A | G | 0.1476 | 3902 |
| 8 chrC1.454179A | G | 0.2442 | 4000 |
| 8 chrC1.454646A | G | 0.1618 | 3998 |
| 8 chrC1.454940C | A | 0.2626 | 4002 |
| 8 chrC1.455321A | C | 0.3682 | 3990 |
| 8 chrC1.455371A | G | 0.07834 | 4008 |
| 8 chrC1.455694A | G | 0.2959 | 3968 |

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| 8 chrC1.456265A | C | 0.2997 | 3980 |
| 8 chrC1.456627C | A | 0.428 | 3970 |
| 8 chrC1.457241A | G | 0.09586 | 4006 |
| 8 chrC1.457596A | G | 0.2018 | 3980 |
| 8 chrC1.457943A | G | 0.09995 | 4002 |
| 8 chrC1.458905G | A | 0.03368 | 4008 |
| 8 chrC1.459010G | A | 0.3585 | 3978 |
| 8 chrC1.459436A | G | 0.1229 | 4004 |
| 8 chrC1.459799A | G | 0.4723 | 3968 |
| 8 chrC1.460396A | G | 0.1547 | 4002 |
| 8 chrC1.461092G | A | 0.007984 | 4008 |
| 8 chrC1.461339C | A | 0.2733 | 3930 |
| 8 chrC1.461684A | G | 0.1133 | 3990 |
| 8 chrC1.462012C | A | 0.1497 | 4002 |
| 8 chrC1.462473C | A | 0.356 | 4000 |
| 8 chrC1.462783A | G | 0.3696 | 3994 |
| 8 chrC1.463031A | G | 0.1773 | 3998 |
| 8 chrC1.463542A | G | 0.1892 | 4002 |
| 8 chrC1.464028A | G | 0.0974 | 3994 |
| 8 chrC1.464096A | G | 0.3107 | 3994 |
| 8 chrC1.464470A | G | 0.1011 | 3996 |
| 8 chrC1.465059G | A | 0.2534 | 4002 |
| 8 chrC1.465307A | G | 0.2748 | 4010 |
| 8 chrC1.465558G | A | 0.3375 | 4000 |
| 8 chrC1.466048A | G | 0.2874 | 3998 |
| 8 chrC1.466496G | A | 0.1839 | 4002 |
| 8 chrC1.466928G | A | 0.1472 | 3974 |
| 8 chrC1.467314G | A | 0.03865 | 4010 |
| 8 chrC1.467844A | G | 0.4083 | 4002 |
| 8 chrC1.468097G | A | 0.07372 | 3988 |
| 8 chrC1.468373A | G | 0.2781 | 4002 |
| 8 chrC1.468862G | A | 0.3528 | 4000 |
| 8 chrC1.469164C | A | 0.3942 | 3988 |
| 8 chrC1.469504A | G | 0.2631 | 4002 |
| 8 chrC1.469857A | G | 0.1484 | 3976 |
| 8 chrC1.470443G | A | 0.06587 | 4008 |
| 8 chrC1.470574A | G | 0.3739 | 3988 |
| 8 chrC1.470987G | A | 0.1311 | 4004 |
| 8 chrC1.471302A | G | 0.2085 | 4004 |
| 8 chrC1.471699A | G | 0.1361 | 3996 |
| 8 chrC1.472133G | A | 0.06607 | 3996 |

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| 8 chrC1.472407G | A | 0.3977 | 4008 |
| 8 chrC1.472968G | A | 0.1276 | 4004 |
| 8 chrC1.473234A | C | 0.428 | 4000 |
| 8 chrC1.473647A | G | 0.1923 | 3988 |
| 8 chrC1.473969A | G | 0.2763 | 3966 |
| 8 chrC1.474720G | A | 0.2083 | 4004 |
| 8 chrC1.477165A | G | 0.2951 | 4006 |
| 8 chrC1.475824G | A | 0.0997 | 3982 |
| 8 chrC1.476125A | G | 0.1437 | 4002 |
| 8 chrC1.475490A | G | 0.3731 | 3996 |
| 8 chrC1.474354G | A | 0.07285 | 4008 |
| 8 chrC1.477693A | G | 0.2024 | 4006 |
| 8 chrC1.478362A | G | 0.1816 | 4008 |
| 8 chrC1.479185G | A | 0.3456 | 4002 |
| 8 chrC1.479770G | A | 0.0771 | 4008 |
| 8 chrC1.480026G | A | 0.2599 | 4006 |
| 8 chrC1.484026A | G | 0.1055 | 4010 |
| 8 chrC1.483594A | G | 0.1513 | 4006 |
| 8 chrC1.483331A | G | 0.2289 | 4006 |
| 8 chrC1.482878G | A | 0.2926 | 4002 |
| 8 chrC1.482258G | A | 0.1261 | 4006 |
| 8 chrC1.481685G | A | 0.03912 | 3988 |
| 8 chrC1.481134A | G | 0.06287 | 4008 |
| 8 chrC1.480897G | A | 0.07273 | 3850 |
| 8 chrC1.480396A | G | 0.08342 | 4004 |
| 8 chrC1.484974A | G | 0.1943 | 3932 |
| 8 chrC1.485329G | A | 0.2118 | 3994 |
| 8 chrC1.485616G | A | 0.4694 | 3982 |
| 8 chrC1.485932A | C | 0.01411 | 3828 |
| 8 chrC1.486338A | G | 0.09815 | 3994 |
| 8 chrC1.486635A | G | 0.1992 | 4006 |
| 8 chrC1.486942G | A | 0.1994 | 3996 |
| 8 chrC1.487100A | G | 0.3137 | 3998 |
| 8 chrC1.487473A | G | 0.04112 | 3988 |
| 8 chrC1.487928A | G | 0.2333 | 3978 |
| 8 chrC1.488239G | A | 0.4644 | 3988 |
| 8 chrC1.489179C | A | 0.3146 | 3986 |
| 8 chrC1.489616A | G | 0.2396 | 3994 |
| 8 chrC1.489974G | A | 0.09111 | 4006 |
| 8 chrC1.490325A | G | 0.4972 | 3994 |
| 8 chrC1.490587A | G | 0.09157 | 4008 |

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| 8 chrC2.306577G | A | 0.3889 | 3996 |
| 8 chrC1.491483A | G | 0.02551 | 3920 |
| 8 chrC1.491981G | A | 0.1684 | 4008 |
| 8 chrC1.492293A | C | 0.2818 | 4000 |
| 8 chrC1.492597G | A | 0.1677 | 4006 |
| 8 chrC1.492843G | A | 0.09126 | 3616 |
| 8 chrC1.492979A | G | 0.001247 | 4010 |
| 8 chrC1.493128A | G | 0.03502 | 3826 |
| 8 chrC1.493596A | C | 0.05673 | 3966 |
| 8 chrUn15.1218A | G | 0.1987 | 3996 |
| 8 chrUn15.1178A | G | 0.0988 | 3988 |
| 8 chrUn15.1127G | A | 0.2046 | 4008 |
| 8 chrUn15.1068G | A | 0.4824 | 3918 |
| 8 chrUn15.1004A | G | 0.4047 | 3998 |
| 8 chrUn15.9729C | A | 0.3687 | 4006 |
| 8 chrUn15.9359A | G | 0.2975 | 4000 |
| 8 chrUn15.9038A | G | 0.258 | 3996 |
| 8 chrUn15.8377G | A | 0.2509 | 3994 |
| 8 chrUn15.7889A | G | 0.285 | 4004 |
| 8 chrUn15.7219G | A | 0.3862 | 4008 |
| 8 chrUn15.6974 | 0 G | 0 | 4010 |
| 8 chrUn15.6957A | G | 0.4585 | 3972 |
| 8 chrUn15.6277A | G | 0.1388 | 4006 |
| 8 chrUn15.5917A | G | 0.009476 | 4010 |
| 8 chrUn15.5097A | G | 0.02323 | 4004 |
| 8 chrUn15.4597G | A | 0.4143 | 4000 |
| 8 chrUn15.4029G | A | 0.09234 | 3996 |
| 8 chrUn15.3409A | G | 0.3744 | 3980 |
| 8 chrUn15.3096A | G | 0.1538 | 4000 |
| 8 chrUn15.2617C | A | 0.4136 | 4004 |
| 8 chrD2.104547A | G | 0.3826 | 4004 |
| 8 chrUn15.1617A | G | 0.1557 | 4008 |
| 8 chrUn15.8897A | G | 0.08288 | 4006 |
| 8 chrUn15.5516G | A | 0.1878 | 3998 |
| 8 chrUn15.5196G | A | 0.08621 | 4002 |
| 8 chrUn15.4606A | G | 0.1876 | 3992 |
| 8 chrUn15.3529C | A | 0.2784 | 3980 |
| 8 chrB3.882512G | A | 0.3999 | 3998 |
| 8 chrB3.882208A | C | 0.3865 | 4000 |
| 8 chrUn15.2247G | A | 0.0705 | 4000 |
| 8 chrB3.880304A | G | 0.4804 | 3976 |

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| 8 chrB3.87918G | A | 0.3794 | 4004 |
| 8 chrB3.87876A | G | 0.02893 | 4010 |
| 8 chrB3.87770G | A | 0.1603 | 3998 |
| 8 chrB3.87746C | A | 0.4309 | 3996 |
| 8 chrB3.87698A | G | 0.1663 | 3998 |
| 8 chrB3.87630A | C | 0.238 | 4004 |
| 8 chrB3.87589A | G | 0.1359 | 3996 |
| 8 chrB3.87558G | A | 0.3719 | 4004 |
| 8 chrB3.87534A | G | 0.04764 | 3988 |
| 8 chrB3.87482A | G | 0.08254 | 4010 |
| 8 chrB3.87448A | G | 0.4662 | 3992 |
| 8 chrB3.87419G | A | 0.1478 | 3998 |
| 8 chrB3.87390A | G | 0.2435 | 4004 |
| 8 chrB3.87342C | A | 0.05553 | 3962 |
| 8 chrB3.87293C | A | 0.08846 | 4002 |
| 8 chrB3.87237G | A | 0.4603 | 4002 |
| 8 chrB3.87191G | A | 0.4153 | 3966 |
| 8 chrB3.87146G | A | 0.2971 | 3962 |
| 8 chrB3.87086A | G | 0.1787 | 3978 |
| 8 chrB3.87001A | A | 0.4567 | 3970 |
| 8 chrB3.86869G | A | 0.004993 | 4006 |
| 8 chrB3.86793G | A | 0.1155 | 4000 |
| 8 chrB3.86738G | A | 0.4888 | 4006 |
| 8 chrB3.86713G | A | 0.3883 | 3992 |
| 8 chrB3.86670G | A | 0.1483 | 3998 |
| 8 chrB3.86608A | G | 0.1373 | 3962 |
| 8 chrB3.86583A | C | 0.00524 | 4008 |
| 8 chrB3.86554G | A | 0.04404 | 3996 |
| 8 chrB3.86455G | A | 0.01771 | 4010 |
| 8 chrX.314262G | A | 0.02446 | 4006 |
| 8 chrX.314521A | G | 0.05959 | 3742 |
| 8 chrX.314784A | G | 0.2742 | 3920 |
| 8 chrB3.86414C | A | 0.1392 | 3972 |
| 8 chrB3.86377G | A | 0.1665 | 3994 |
| 8 chrB3.86331A | G | 0.3214 | 4004 |
| 8 chrB3.86278A | G | 0.1403 | 3998 |
| 8 chrB3.86209A | G | 0.2277 | 3992 |
| 8 chrB3.86181G | A | 0.4061 | 4004 |
| 8 chrB3.86135A | G | 0.01879 | 3992 |
| 8 chrB3.86097C | A | 0.4595 | 3998 |
| 8 chrB3.86064A | G | 0.2259 | 3984 |

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| 8 chrB3.860163A | C | 0.1444 | 4004 |
| 8 chrB3.859918A | G | 0.1951 | 4008 |
| 8 chrB3.859619C | A | 0.02918 | 4010 |
| 8 chrB3.859211A | G | 0.01648 | 4004 |
| 8 chrB3.858793A | G | 0.2222 | 4006 |
| 8 chrB3.858120C | A | 0.3656 | 3980 |
| 8 chrB3.857771C | A | 0.08902 | 3988 |
| 8 chrB3.857581G | A | 0.06825 | 4000 |
| 8 chrB3.856895A | G | 0.4618 | 4006 |
| 8 chrB3.856513A | G | 0.1612 | 4008 |
| 8 chrB3.855398A | G | 0.05389 | 4008 |
| 8 chrB3.855083A | C | 0.1932 | 3928 |
| 8 chrB3.854676A | G | 0.1411 | 3996 |
| 8 chrB3.854132A | G | 0.07043 | 4004 |
| 8 chrC1.321644G | A | 0.4782 | 3996 |
| 8 chrC1.322617G | A | 0.4371 | 3992 |
| 8 chrC1.322993A | G | 0.4006 | 4004 |
| 8 chrC1.323695A | G | 0.3827 | 3990 |
| 8 chrC1.323961A | G | 0.02934 | 3988 |
| 8 chrC1.324205G | A | 0.3329 | 4004 |
| 8 chrC1.324287A | G | 0.0004988 | 4010 |
| 8 chrC1.324707G | A | 0.06219 | 4004 |
| 8 chrC1.325014A | G | 0.01846 | 4008 |
| 8 chrC1.325586G | A | 0.3275 | 3976 |
| 8 chrC1.326097A | G | 0.03263 | 3984 |
| 8 chrC1.326386G | A | 0.2037 | 4006 |
| 8 chrC1.327848A | C | 0.3199 | 3964 |
| 8 chrC1.328117G | A | 0.3527 | 3986 |
| 8 chrC1.328427G | A | 0.3735 | 3944 |
| 8 chrC1.328812G | A | 0.03507 | 3992 |
| 8 chrC1.329164A | G | 0.3683 | 3978 |
| 8 chrC1.329615A | G | 0.02549 | 4002 |
| 8 chrD2.576730C | A | 0.1161 | 3970 |
| 8 chrC1.330214A | C | 0.1226 | 4004 |
| 8 chrC1.330727G | A | 0.03571 | 3780 |
| 8 chrC1.331036A | C | 0.1403 | 4000 |
| 8 chrC1.331369G | A | 0.4592 | 3994 |
| 8 chrC1.331716A | G | 0.1349 | 4004 |
| 8 chrC1.332060A | G | 0.05022 | 4002 |
| 8 chrC1.332703G | A | 0.4912 | 3996 |
| 8 chrC1.334288G | A | 0.28 | 3986 |

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| 8 chrC1.334583A | C | 0.04332 | 3740 |
| 8 chrC1.334918G | A | 0.4388 | 4006 |
| 8 chrC1.336339A | G | 0.09466 | 4004 |
| 8 chrC1.336758A | G | 0.3592 | 3984 |
| 8 chrC1.336871G | A | 0.01219 | 3938 |
| 8 chrC1.337245A | G | 0.1974 | 4002 |
| 8 chrC1.338034G | A | 0.03867 | 4008 |
| 8 chrC1.338271C | A | 0.0509 | 3988 |
| 8 chrC1.338594A | G | 0.04657 | 3994 |
| 8 chrC1.339126G | A | 0.01462 | 3966 |
| 8 chrC1.339812A | G | 0.054 | 4000 |
| 8 chrC1.340213A | G | 0.4609 | 3988 |
| 8 chrC1.341545G | A | 0.4558 | 3984 |
| 8 chrC1.343019 | 0 G | 0 | 3970 |
| 8 chrC1.343089C | A | 0.3146 | 4002 |
| 8 chrC1.343407A | G | 0.1848 | 3988 |
| 8 chrC1.343683A | G | 0.3188 | 3796 |
| 8 chrC1.344111A | G | 0.02821 | 4006 |
| 8 chrC1.344421G | A | 0.3322 | 3904 |
| 8 chrC1.344734A | G | 0.08962 | 4006 |
| 8 chrC1.345011A | G | 0.249 | 4008 |
| 8 chrC1.345325A | G | 0.1908 | 3994 |
| 8 chrC1.345770G | A | 0.1747 | 4002 |
| 8 chrX.8531721G | A | 0.143 | 3994 |
| 8 chrC1.346384C | A | 0.4582 | 3994 |
| 8 chrC1.346747A | G | 0.1274 | 4002 |
| 8 chrC1.347339A | G | 0.08941 | 4004 |
| 8 chrC1.347594A | G | 0.04305 | 3926 |
| 8 chrC1.348274A | G | 0.2725 | 4000 |
| 8 chrC1.348316G | A | 0.03532 | 3992 |
| 8 chrC1.348681A | G | 0.1538 | 3998 |
| 8 chrC1.348972C | A | 0.1963 | 3954 |
| 8 chrC1.349383A | G | 0.05295 | 3928 |
| 8 chrC1.350132A | G | 0.2708 | 4010 |
| 8 chrC1.351474A | G | 0.1623 | 3998 |
| 8 chrC1.351769A | G | 0.3423 | 4002 |
| 8 chrC1.351999A | G | 0.2197 | 3982 |
| 8 chrC1.352236A | G | 0.118 | 4000 |
| 8 chrC1.352486G | A | 0.2186 | 4002 |
| 8 chrC1.353538G | A | 0.3178 | 4006 |
| 8 chrC1.354182A | G | 0.00524 | 4008 |

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| 8 chrC1.355201A | G | 0.14 | 4006 |
| 8 chrC1.355572G | A | 0.1517 | 3948 |
| 8 chrC1.355854G | A | 0.479 | 4008 |
| 8 chrC1.356606G | A | 0.2036 | 3944 |
| 8 chrC1.357554A | G | 0.18 | 4006 |
| 8 chrC1.358447A | G | 0.07459 | 3794 |
| 8 chrC1.358881A | G | 0.1106 | 3986 |
| 8 chrC1.359143G | A | 0.1331 | 4004 |
| 8 chrC1.359655C | A | 0.2974 | 3988 |
| 8 chrC1.360052A | G | 0.1343 | 3962 |
| 8 chrC1.360369A | G | 0.2076 | 4002 |
| 8 chrC1.360727A | C | 0.439 | 3998 |
| 8 chrC1.361323A | G | 0.05145 | 4004 |
| 8 chrC1.361786A | G | 0.1317 | 4008 |
| 8 chrC1.362442A | C | 0.2894 | 3980 |
| 8 chrC1.363004A | C | 0.3456 | 3892 |
| 8 chrC1.363260A | G | 0.3445 | 3988 |
| 8 chrC1.363714C | A | 0.08475 | 4000 |
| 8 chrC1.364079A | C | 0.4767 | 3998 |
| 8 chrC1.364718G | A | 0.4035 | 4002 |
| 8 chrC1.365084G | A | 0.2068 | 4004 |
| 8 chrC1.365940G | A | 0.2417 | 3968 |
| 8 chrC1.366617A | C | 0.02578 | 3996 |
| 8 chrC1.366931C | A | 0.09955 | 3988 |
| 8 chrC1.367843A | G | 0.3154 | 3986 |
| 8 chrC1.368285G | A | 0.06238 | 4008 |
| 8 chrC1.368310A | G | 0.2411 | 3986 |
| 8 chrC1.368952G | A | 0.1354 | 3988 |
| 8 chrC1.369871A | G | 0.4124 | 3848 |
| 8 chrC1.370139A | G | 0.1946 | 4008 |
| 8 chrC1.370442G | A | 0.2739 | 3870 |
| 8 chrC1.370771A | G | 0.2383 | 3894 |
| 8 chrC1.371390G | A | 0.4794 | 3990 |
| 8 chrUn.637947A | G | 0.001505 | 3986 |
| 8 chrC1.372308A | G | 0.05894 | 4004 |
| 8 chrC1.372561A | C | 0.189 | 3978 |
| 8 chrC1.372961A | C | 0.2057 | 3982 |
| 8 chrC1.373722G | A | 0.005282 | 3976 |
| 8 chrC1.374032G | A | 0.4597 | 3996 |
| 8 chrC1.374329A | C | 0.3945 | 3962 |
| 8 chrC1.374616C | A | 0.4652 | 3762 |

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| 8 chrC1.375011G | A | 0.2601 | 4002 |
| 8 chrC1.375278A | C | 0.3455 | 4006 |
| 8 chrC1.376256G | A | 0.1452 | 4000 |
| 8 chrC1.376612G | A | 0.2081 | 4002 |
| 8 chrC1.376909A | G | 0.2754 | 3998 |
| 8 chrC1.377205A | G | 0.1463 | 3998 |
| 8 chrC1.377491G | A | 0.08304 | 4010 |
| 8 chrC1.378093A | G | 0.1672 | 3990 |
| 8 chrC1.378594G | A | 0.08195 | 3978 |
| 8 chrC1.378935A | G | 0.4365 | 3968 |
| 8 chrC1.379294G | A | 0.2038 | 3866 |
| 8 chrC1.379969G | A | 0.2722 | 3960 |
| 8 chrC1.380341G | A | 0.3665 | 4006 |
| 8 chrC1.380623A | G | 0.1238 | 4008 |
| 8 chrC1.381165G | A | 0.123 | 4000 |
| 8 chrC1.381429A | G | 0.1718 | 3994 |
| 8 chrC1.382092 | 0 G | 0 | 4008 |
| 8 chrC1.382193G | A | 0.1413 | 3984 |
| 8 chrC1.383205G | A | 0.399 | 3992 |
| 8 chrC1.383770C | A | 0.06631 | 3710 |
| 8 chrC1.384464A | C | 0.02322 | 4006 |
| 8 chrC1.385227G | A | 0.1124 | 3994 |
| 8 chrC1.385698A | G | 0.1647 | 3964 |
| 8 chrC1.386009A | G | 0.1525 | 3954 |
| 8 chrC1.386112G | A | 0.01573 | 4004 |
| 8 chrC1.386723C | A | 0.1074 | 3984 |
| 8 chrUn.450556A | G | 0.08004 | 3998 |
| 8 chrC1.388125G | A | 0.25 | 3952 |
| 8 chrC1.388493C | A | 0.1399 | 3988 |
| 8 chrC1.389219G | A | 0.07576 | 3762 |
| 8 chrC1.389506A | G | 0.01873 | 4004 |
| 8 chrC1.389758A | G | 0.05501 | 3872 |
| 8 chrC1.390487A | G | 0.01149 | 4002 |
| 8 chrC1.390833C | A | 0.005799 | 3966 |
| 8 chrC1.391286G | A | 0.01148 | 4008 |
| 8 chrC1.391696G | A | 0.3498 | 4008 |
| 8 chrC1.392171A | G | 0.3614 | 3924 |
| 8 chrC1.392470C | A | 0.3693 | 4002 |
| 8 chrC1.392781A | C | 0.1367 | 4008 |
| 8 chrC1.393556A | C | 0.3804 | 3998 |
| 8 chrC1.393859A | C | 0.1024 | 3996 |

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| 8 chrC1.393872A | G | 0.0002496 | 4006 |
| 8 chrC1.394212A | G | 0.471 | 3972 |
| 8 chrC1.394460A | G | 0.4589 | 3994 |
| 8 chrC1.395164A | G | 0.2134 | 4006 |
| 8 chrC1.395418G | A | 0.4799 | 3990 |
| 8 chrC1.395740G | A | 0.2182 | 3882 |
| 8 chrC1.396470G | A | 0.153 | 3988 |
| 8 chrC1.397008A | C | 0.2528 | 3984 |
| 8 chrC1.397288G | A | 0.09744 | 3746 |
| 8 chrC1.397489G | A | 0.1305 | 3992 |
| 8 chrC1.397799G | A | 0.2573 | 3996 |
| 8 chrC1.398216A | G | 0.2318 | 4004 |
| 8 chrC1.398532C | A | 0.003242 | 4010 |
| 8 chrC1.398909A | G | 0.2641 | 3900 |
| 8 chrC1.399298A | G | 0.01223 | 4006 |
| 8 chrC1.400021G | A | 0.4273 | 4002 |
| 8 chrC1.400303C | A | 0.4798 | 4002 |
| 8 chrC1.400851A | G | 0.1463 | 3984 |
| 8 chrB3.116470A | G | 0.3986 | 3996 |
| 8 chrC1.401421G | A | 0.007996 | 4002 |
| 8 chrC1.401907A | C | 0.007275 | 3986 |
| 8 chrC1.402172A | G | 0.2313 | 4004 |
| 8 chrC1.402715A | G | 0.4667 | 3900 |
| 8 chrC1.403392A | G | 0.02826 | 3998 |
| 8 chrC1.403651G | A | 0.4692 | 3994 |
| 8 chrC1.404047A | G | 0.01474 | 3934 |
| 8 chrC1.404315A | G | 0.01215 | 3952 |
| 8 chrC1.404553A | C | 0.423 | 3884 |
| 8 chrC1.405514A | G | 0.49 | 4004 |
| 8 chrC1.406302A | G | 0.4627 | 3998 |
| 8 chrC1.406923A | G | 0.2805 | 4004 |
| 8 chrUn5.10130G | A | 0.08659 | 3996 |
| 8 chrUn5.10089G | A | 0.008242 | 4004 |
| 8 chrUn5.99941A | G | 0.02826 | 3998 |
| 8 chrC1.494149A | G | 0.4586 | 3986 |
| 8 chrC1.494661A | G | 0.2049 | 4006 |
| 8 chrC1.495187G | A | 0.2654 | 4006 |
| 8 chrC1.495560A | C | 0.004539 | 3966 |
| 8 chrC1.495816G | A | 0.2195 | 3904 |
| 8 chrC1.496687A | G | 0.08622 | 3990 |
| 8 chrC1.497827A | G | 0.3037 | 3968 |

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| 8 chrC1.498445A | G | 0.06543 | 4004 |
| 8 chrC1.498793A | G | 0.4398 | 4006 |
| 8 chrC1.499232G | A | 0.4317 | 3980 |
| 8 chrC1.499478A | G | 0.1076 | 3948 |
| 8 chrC1.499804A | G | 0.4271 | 3826 |
| 8 chrC1.500490A | G | 0.006733 | 4010 |
| 8 chrC1.500939A | G | 0.1676 | 3998 |
| 8 chrC1.501368G | A | 0.434 | 3998 |
| 8 chrC1.501613A | C | 0.1317 | 3856 |
| 8 chrC1.502279A | G | 0.4601 | 3986 |
| 8 chrC1.502692G | A | 0.2494 | 3998 |
| 8 chrC1.503179A | G | 0.02618 | 4010 |
| 8 chrC1.503780A | G | 0.4074 | 3986 |
| 8 chrC1.504091A | C | 0.1809 | 3914 |
| 8 chrC1.504368A | G | 0.4481 | 3972 |
| 8 chrC1.504970G | A | 0.344 | 4006 |
| 8 chrC1.505492A | G | 0.156 | 3980 |
| 8 chrC1.506185A | G | 0.4775 | 4004 |
| 8 chrC1.506574A | G | 0.3654 | 3976 |
| 8 chrC1.507300G | A | 0.1013 | 4006 |
| 8 chrC1.507926G | A | 0.003821 | 3926 |
| 8 chrC1.508002G | A | 0.1195 | 3984 |
| 8 chrC1.508288A | G | 0.04144 | 4006 |
| 8 chrC1.508337A | G | 0.3487 | 3998 |
| 8 chrC1.508825A | G | 0.1755 | 4006 |
| 8 chrC1.509071A | C | 0.1065 | 4000 |
| 8 chrC1.509335A | G | 0.2026 | 4008 |
| 8 chrC1.509827A | G | 0.2358 | 4004 |
| 8 chrC1.510205C | A | 0.4789 | 3986 |
| 8 chrC1.510554A | G | 0.1395 | 4008 |
| 8 chrC1.510897A | G | 0.1389 | 4010 |
| 8 chrC1.511564G | A | 0.2384 | 3956 |
| 8 chrC1.512094A | G | 0.1674 | 3990 |
| 8 chrC1.512416A | G | 0.2316 | 3994 |
| 8 chrC1.512840G | A | 0.1541 | 4004 |
| 8 chrC1.513432G | A | 0.1268 | 4000 |
| 8 chrC1.514057A | G | 0.1953 | 4000 |
| 8 chrC1.515360C | A | 0.2119 | 3884 |
| 8 chrC1.515641A | G | 0.3309 | 3998 |
| 8 chrC1.516103G | A | 0.277 | 4004 |
| 8 chrC1.516353A | G | 0.1005 | 3962 |

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| 8 chrC1.516807A | G | 0.1971 | 4004 |
| 8 chrC1.517188A | G | 0.08542 | 3992 |
| 8 chrC1.517470G | A | 0.1387 | 4008 |
| 8 chrC1.517805A | G | 0.08471 | 3990 |
| 8 chrC1.518211A | G | 0.4718 | 4000 |
| 8 chrC1.518564A | G | 0.2219 | 3974 |
| 8 chrC1.519182G | A | 0.3486 | 3864 |
| 8 chrC1.519620A | G | 0.05822 | 3968 |
| 8 chrC1.520185A | G | 0.2886 | 3992 |
| 8 chrC1.520983G | A | 0.2468 | 3954 |
| 8 chrC1.521484G | A | 0.2546 | 3940 |
| 8 chrC1.521796G | A | 0.2393 | 3920 |
| 8 chrC1.521935A | G | 0.09602 | 3968 |
| 8 chrC1.522167G | A | 0.4925 | 4006 |
| 8 chrC1.522331G | A | 0.2093 | 4008 |
| 8 chrC1.522708A | G | 0.03256 | 3778 |
| 8 chrC1.523023A | G | 0.4821 | 3960 |
| 8 chrC1.523427A | G | 0.4913 | 4008 |
| 8 chrC1.523816A | G | 0.3299 | 4004 |
| 8 chrC1.524537A | C | 0.1242 | 3968 |
| 8 chrC1.524993A | G | 0.1026 | 3986 |
| 8 chrC1.525475A | G | 0.01349 | 4004 |
| 8 chrC1.525857C | A | 0.05137 | 4010 |
| 8 chrC1.526629A | G | 0.1723 | 3988 |
| 8 chrC1.527026G | A | 0.3738 | 4002 |
| 8 chrC1.527615C | A | 0.2041 | 3924 |
| 8 chrC1.528031G | A | 0.3696 | 4002 |
| 8 chrC1.528462A | C | 0.3481 | 3996 |
| 8 chrC1.529271A | G | 0.1102 | 3982 |
| 8 chrC1.529928A | G | 0.2408 | 3986 |
| 8 chrC1.530208C | A | 0.08501 | 3988 |
| 8 chrC1.530736G | A | 0.4522 | 4000 |
| 8 chrC1.531079A | G | 0.05142 | 4006 |
| 8 chrC1.531365G | A | 0.3934 | 3996 |
| 8 chrC1.531992G | A | 0.2066 | 3906 |
| 8 chrC1.532336A | G | 0.1712 | 3832 |
| 8 chrC1.533405A | C | 0.1513 | 3828 |
| 8 chrC1.533850G | A | 0.4863 | 4008 |
| 8 chrC1.534319A | G | 0.2578 | 4000 |
| 8 chrC1.534664A | G | 0.2124 | 3998 |
| 8 chrC1.535229A | G | 0.4039 | 3974 |

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| 8 chrC1.535482A | G | 0.1375 | 4000 |
| 8 chrC1.536149C | A | 0.255 | 3996 |
| 8 chrC1.536532A | G | 0.008234 | 4008 |
| 8 chrUn.283567G | A | 0.2076 | 4002 |
| 8 chrC1.536908G | A | 0.4332 | 3996 |
| 8 chrC1.537185A | C | 0.4867 | 3990 |
| 8 chrC1.537481G | A | 0.2829 | 4008 |
| 8 chrC1.537578G | A | 0.4732 | 3956 |
| 8 chrC1.537741A | G | 0.1004 | 3996 |
| 8 chrC1.540108G | A | 0.3461 | 3996 |
| 8 chrC1.539806A | G | 0.1552 | 3996 |
| 8 chrC1.541034C | A | 0.4456 | 3954 |
| 8 chrC1.540684A | G | 0.06188 | 4008 |
| 8 chrC1.541302A | G | 0.3592 | 3998 |
| 8 chrC1.541886A | C | 0.3367 | 4000 |
| 8 chrC1.543124G | A | 0.1308 | 4006 |
| 8 chrC1.544156A | G | 0.1526 | 3998 |
| 8 chrC1.545016A | C | 0.04738 | 4010 |
| 8 chrC1.545444A | C | 0.3612 | 3978 |
| 8 chrC1.546166C | A | 0.1055 | 4000 |
| 8 chrC1.546866A | G | 0.3521 | 4004 |
| 8 chrC1.547165G | A | 0.4922 | 3984 |
| 8 chrC1.547573G | A | 0.1145 | 4010 |
| 8 chrC1.547908G | A | 0.1161 | 4006 |
| 8 chrC1.548356A | G | 0.2536 | 3998 |
| 8 chrC1.548814A | G | 0.3341 | 3990 |
| 8 chrC1.549387G | A | 0.002004 | 3992 |
| 8 chrC1.549649G | A | 0.1725 | 3972 |
| 8 chrC1.549994 | 0 G | 0 | 3978 |
| 8 chrC1.550035A | G | 0.08038 | 4006 |
| 8 chrC1.550536A | G | 0.1018 | 4000 |
| 8 chrC1.550789A | G | 0.1561 | 3914 |
| 8 chrC1.551213G | A | 0.3238 | 4006 |
| 8 chrC1.551242G | A | 0.04379 | 3996 |
| 8 chrC1.551782G | A | 0.1583 | 4006 |
| 8 chrC1.552261G | A | 0.4541 | 4008 |
| 8 chrC1.552587A | G | 0.3666 | 4002 |
| 8 chrC1.552881G | A | 0.3398 | 3982 |
| 8 chrC1.552976C | A | 0.2701 | 3984 |
| 8 chrC1.553286G | A | 0.3304 | 3986 |
| 8 chrC1.553635A | G | 0.1447 | 3926 |

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| 8 chrC1.553995G | A | 0.2869 | 3984 |
| 8 chrC1.554475A | G | 0.4288 | 4002 |
| 8 chrC1.554711A | C | 0.07371 | 4002 |
| 8 chrC1.555295A | G | 0.08146 | 4002 |
| 8 chrC1.555805A | G | 0.3198 | 3956 |
| 8 chrC1.556095G | A | 0.03869 | 4006 |
| 8 chrC1.556642A | G | 0.2343 | 4004 |
| 8 chrC1.557116A | G | 0.08513 | 3994 |
| 8 chrC1.557528G | A | 0.4736 | 3978 |
| 8 chrC1.558528A | C | 0.4805 | 3998 |
| 8 chrC1.558945A | G | 0.1034 | 3782 |
| 8 chrC1.559545A | G | 0.09857 | 3926 |
| 8 chrC1.559964G | A | 0.3367 | 3998 |
| 8 chrC1.560575A | G | 0.1769 | 3986 |
| 8 chrC1.560875G | A | 0.3466 | 4002 |
| 8 chrC1.561118G | A | 0.2213 | 4004 |
| 8 chrC1.561525A | G | 0.3684 | 3990 |
| 8 chrC1.562135G | A | 0.2641 | 3998 |
| 8 chrC1.562712A | G | 0.3647 | 4006 |
| 8 chrC1.562975A | G | 0.4735 | 4000 |
| 8 chrC1.563210G | A | 0.1582 | 4008 |
| 8 chrC1.563818G | A | 0.3207 | 3998 |
| 8 chrC1.564350G | A | 0.2405 | 3992 |
| 8 chrC1.565164G | A | 0.2341 | 4006 |
| 8 chrC1.565411A | G | 0.1133 | 4008 |
| 8 chrC1.565727A | G | 0.1542 | 3996 |
| 8 chrC1.566841A | G | 0.2548 | 3972 |
| 8 chrC1.567005A | G | 0.3476 | 4002 |
| 8 chrC1.567277C | A | 0.1936 | 3930 |
| 8 chrC1.567701A | G | 0.07883 | 3996 |
| 8 chrC1.567935A | G | 0.3512 | 4000 |
| 8 chrC1.568375G | A | 0.1116 | 3998 |
| 8 chrC1.568700G | A | 0.4773 | 4006 |
| 8 chrC1.569656G | A | 0.3513 | 4002 |
| 8 chrC1.570217A | G | 0.1023 | 3990 |
| 8 chrC1.570710G | A | 0.1801 | 4008 |
| 8 chrC1.570725C | A | 0.487 | 4002 |
| 8 chrC1.570986A | G | 0.1522 | 3884 |
| 8 chrC1.571335G | A | 0.2052 | 3908 |
| 8 chrC1.572255G | A | 0.003242 | 4010 |
| 8 chrC1.572798G | A | 0.1036 | 4006 |

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| 8 chrC1.573223G | A | 0.1692 | 4006 |
| 8 chrC1.573578A | G | 0.2475 | 4008 |
| 8 chrC1.574396A | G | 0.05856 | 3962 |
| 8 chrC1.575052G | A | 0.4311 | 4004 |
| 8 chrC1.575415G | A | 0.2731 | 3984 |
| 8 chrUn13.1561A | C | 0.1763 | 3998 |
| 8 chrC1.575886G | A | 0.1204 | 4004 |
| 8 chrC1.576303G | A | 0.1398 | 3998 |
| 8 chrC1.576982G | A | 0.3519 | 4004 |
| 8 chrC1.577263A | G | 0.265 | 3992 |
| 8 chrC1.577524A | C | 0.4863 | 4008 |
| 8 chrC1.577858A | G | 0.1646 | 3998 |
| 8 chrC1.578112A | G | 0.1004 | 3994 |
| 8 chrC1.578362A | G | 0.4713 | 4006 |
| 8 chrC1.579269A | G | 0.1538 | 3998 |
| 8 chrC1.580417G | A | 0.48 | 4000 |
| 8 chrC1.580947C | A | 0.1143 | 3892 |
| 8 chrC1.581140A | G | 0.001749 | 4002 |
| 8 chrC1.581507G | A | 0.3957 | 3958 |
| 8 chrC1.581900G | A | 0.4001 | 3994 |
| 8 chrC1.582648C | A | 0.1941 | 4008 |
| 8 chrC1.582890A | G | 0.1396 | 3996 |
| 8 chrC1.583128A | G | 0.1433 | 3992 |
| 8 chrC1.583501A | G | 0.02249 | 4002 |
| 8 chrC1.583940C | A | 0.07596 | 4002 |
| 8 chrC1.584315G | A | 0.314 | 3994 |
| 8 chrC1.584675G | A | 0.2952 | 3818 |
| 8 chrC1.585176A | C | 0.00333 | 3904 |
| 8 chrC1.585505G | A | 0.4729 | 3986 |
| 8 chrC1.586065G | A | 0.1938 | 3998 |
| 8 chrC1.586350G | A | 0.1498 | 4006 |
| 8 chrC1.586704A | G | 0.2579 | 4002 |
| 8 chrC1.587288A | G | 0.1143 | 3998 |
| 8 chrC1.587571G | A | 0.4717 | 3994 |
| 8 chrC1.587930A | G | 0.3367 | 4006 |
| 8 chrC1.588193A | G | 0.1095 | 3990 |
| 8 chrC1.588506A | G | 0.08329 | 3866 |
| 8 chrC1.589075G | A | 0.275 | 4004 |
| 8 chrC1.589328A | C | 0.3418 | 3920 |
| 8 chrC1.589706A | G | 0.05299 | 3982 |
| 8 chrC1.590050A | G | 0.2151 | 3998 |

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| 8 chrC1.590615 | 0 A | 0 | 4002 |
| 8 chrC1.590662A | G | 0.4753 | 4010 |
| 8 chrC1.591110A | G | 0.2916 | 4006 |
| 8 chrC1.591602A | G | 0.1156 | 3988 |
| 8 chrC1.591987G | A | 0.09334 | 3996 |
| 8 chrC1.592361A | C | 0.1479 | 4010 |
| 8 chrC1.592683A | G | 0.187 | 4006 |
| 8 chrC1.593562G | A | 0.301 | 4006 |
| 8 chrC1.594066A | G | 0.1852 | 4002 |
| 8 chrC1.594420G | A | 0.2451 | 4002 |
| 8 chrC1.595124A | G | 0.2531 | 3924 |
| 8 chrC1.595728A | G | 0.4803 | 4010 |
| 8 chrC1.596139G | A | 0.4308 | 4000 |
| 8 chrC1.597432A | C | 0.4326 | 4004 |
| 8 chrC1.597808C | A | 0.1652 | 3978 |
| 8 chrC1.598101A | G | 0.4636 | 3980 |
| 8 chrC1.598412G | A | 0.24 | 4008 |
| 8 chrC1.598768G | A | 0.4281 | 3992 |
| 8 chrC1.599528G | A | 0.3769 | 4006 |
| 8 chrC1.599959G | A | 0.2848 | 3982 |
| 8 chrC1.600242A | C | 0.2965 | 3986 |
| 8 chrC1.600673G | A | 0.2516 | 4006 |
| 8 chrC1.600984G | A | 0.1974 | 4002 |
| 8 chrC1.601426A | G | 0.4701 | 3948 |
| 8 chrC1.601669G | A | 0.4793 | 3962 |
| 8 chrC1.602071A | C | 0.1367 | 3988 |
| 8 chrC1.602895G | A | 0.2027 | 3992 |
| 8 chrC1.603685G | A | 0.3048 | 3980 |
| 8 chrC1.603779G | A | 0.1871 | 4004 |
| 8 chrC1.604118A | G | 0.4588 | 4008 |
| 8 chrC1.604789A | G | 0.03586 | 3904 |
| 8 chrC1.605087G | A | 0.1826 | 3998 |
| 8 chrC1.606201A | G | 0.2357 | 3992 |
| 8 chrC1.606472A | G | 0.4918 | 4008 |
| 8 chrC1.606905G | A | 0.2475 | 3996 |
| 8 chrC1.607484A | G | 0.2224 | 3998 |
| 8 chrC1.607783C | A | 0.2205 | 4000 |
| 8 chrC1.608166 | 0 G | 0 | 4002 |
| 8 chrC1.608309A | G | 0.126 | 3992 |
| 8 chrC1.608847A | G | 0.1301 | 4006 |
| 8 chrC1.609309A | C | 0.26 | 4000 |

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| 8 chrC1.609559G | A | 0.2296 | 3998 |
| 8 chrC1.609919G | A | 0.2361 | 4006 |
| 8 chrC1.610139G | A | 0.3471 | 4008 |
| 8 chrC1.610309G | A | 0.4806 | 3976 |
| 8 chrC1.610909A | G | 0.05447 | 4002 |
| 8 chrC1.611369A | C | 0.17 | 3988 |
| 8 chrC1.612029A | G | 0.2816 | 3974 |
| 8 chrC1.612329G | A | 0.4125 | 3884 |
| 8 chrC1.612739G | A | 0.19 | 4000 |
| 8 chrC1.613359A | G | 0.158 | 3988 |
| 8 chrC1.614159A | C | 0.3694 | 3990 |
| 8 chrC1.614461A | C | 0.1844 | 4008 |
| 8 chrC1.614887A | G | 0.3353 | 4008 |
| 8 chrC1.615437A | G | 0.3313 | 4000 |
| 8 chrC1.616104G | A | 0.3362 | 4004 |
| 8 chrC1.616641A | G | 0.2363 | 3978 |
| 8 chrC1.616969G | A | 0.2079 | 4002 |
| 8 chrC1.617779A | G | 0.0952 | 4002 |
| 8 chrC1.618681G | A | 0.4107 | 4008 |
| 8 chrC1.619009A | G | 0.2856 | 3998 |
| 8 chrC1.619309A | G | 0.09842 | 3912 |
| 8 chrC1.619669G | A | 0.301 | 3930 |
| 8 chrC1.620079G | A | 0.385 | 4010 |
| 8 chrC1.620539G | A | 0.3977 | 4008 |
| 8 chrC1.621249A | G | 0.187 | 4006 |
| 8 chrC1.621589A | C | 0.04541 | 4008 |
| 8 chrC1.621989G | A | 0.3711 | 4004 |
| 8 chrC1.622332G | A | 0.3554 | 3996 |
| 8 chrC1.622819G | A | 0.004489 | 4010 |
| 8 chrC1.623554G | A | 0.2043 | 4004 |
| 8 chrC1.623704A | G | 0.288 | 4004 |
| 8 chrC1.624089A | C | 0.3832 | 4006 |
| 8 chrC1.624512A | G | 0.3706 | 3996 |
| 8 chrC1.625049 | 0 A | 0 | 4010 |
| 8 chrC1.625371A | G | 0.3443 | 3988 |
| 8 chrC1.626084A | C | 0.09481 | 4008 |
| 8 chrC1.626639A | G | 0.189 | 3736 |
| 8 chrC1.627094G | A | 0.01173 | 4006 |
| 8 chrUn.391359G | A | 0.2012 | 3996 |
| 8 chrC1.627429A | G | 0.2642 | 3990 |
| 8 chrC1.627919A | G | 0.2097 | 4006 |

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| 8 chrC1.628297G | A | 0.02968 | 4010 |
| 8 chrC1.628739A | G | 0.04375 | 4000 |
| 8 chrC1.629123A | C | 0.11 | 3990 |
| 8 chrC1.629851A | G | 0.1203 | 4008 |
| 8 chrC1.630177C | A | 0.2572 | 4004 |
| 8 chrC1.630457A | G | 0.1172 | 3960 |
| 8 chrC1.630919A | G | 0.1039 | 4004 |
| 8 chrC1.631270G | A | 0.3382 | 3998 |
| 8 chrC1.631902A | G | 0.443 | 4000 |
| 8 chrC1.632699A | C | 0.4553 | 4002 |
| 8 chrC1.632964A | G | 0.02045 | 4010 |
| 8 chrC1.633494A | G | 0.105 | 4010 |
| 8 chrC1.633820A | G | 0.07917 | 4004 |
| 8 chrC1.634379A | G | 0.3189 | 4004 |
| 8 chrC1.634876C | A | 0.3127 | 3940 |
| 8 chrC1.635355A | C | 0.1077 | 3956 |
| 8 chrC1.635632A | G | 0.01873 | 4004 |
| 8 chrC1.636549A | G | 0.1093 | 3962 |
| 8 chrC1.637065A | G | 0.2729 | 3994 |
| 8 chrC1.637113A | G | 0.118 | 3822 |
| 8 chrC1.637761A | C | 0.2642 | 3944 |
| 8 chrC1.638038G | A | 0.1309 | 3994 |
| 8 chrC1.638295C | A | 0.2884 | 3998 |
| 8 chrC1.638532A | G | 0.2959 | 3994 |
| 8 chrC1.638964A | G | 0.2052 | 4006 |
| 8 chrC1.639293A | G | 0.2971 | 4006 |
| 8 chrC1.639588A | G | 0.4412 | 3930 |
| 8 chrC1.639927A | G | 0.215 | 3986 |
| 8 chrC1.640315A | G | 0.3045 | 3990 |
| 8 chrC1.641018A | G | 0.1918 | 3984 |
| 8 chrC1.641327A | G | 0.2778 | 4000 |
| 8 chrC1.641654A | G | 0.1084 | 3892 |
| 8 chrC1.642079G | A | 0.06606 | 3966 |
| 8 chrC1.642387A | C | 0.1011 | 3998 |
| 8 chrC1.642872A | G | 0.188 | 4010 |
| 8 chrC1.643430G | A | 0.03892 | 4008 |
| 8 chrC1.643924A | G | 0.3844 | 3998 |
| 8 chrC1.644526A | G | 0.09905 | 3998 |
| 8 chrC1.644777A | G | 0.3586 | 3974 |
| 8 chrC1.645225A | G | 0.01992 | 3614 |
| 8 chrC1.645589A | G | 0.1731 | 3916 |

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| 8 chrC1.646051A | G | 0.1596 | 3998 |
| 8 chrC1.646618A | G | 0.2693 | 3980 |
| 8 chrC1.646736 | 0 G | 0 | 4010 |
| 8 chrC1.647103C | A | 0.3774 | 3996 |
| 8 chrC1.647446A | G | 0.06953 | 3984 |
| 8 chrC1.647744A | G | 0.3576 | 3974 |
| 8 chrC1.648106G | A | 0.2707 | 3986 |
| 8 chrC1.648680G | A | 0.3198 | 4006 |
| 8 chrC1.649154G | A | 0.2501 | 4002 |
| 8 chrC1.649600C | A | 0.2999 | 3778 |
| 8 chrUn5.99307G | A | 0.2447 | 3996 |
| 8 chrUn5.98757G | A | 0.2169 | 4006 |
| 8 chrUn5.98037A | G | 0.04737 | 3990 |
| 8 chrUn5.97437A | C | 0.2444 | 3928 |
| 8 chrUn5.96349C | A | 0.4182 | 3962 |
| 8 chrUn5.95957G | A | 0.4549 | 3994 |
| 8 chrUn5.95347A | G | 0.4362 | 3936 |
| 8 chrUn5.94827G | A | 0.236 | 4004 |
| 8 chrUn5.94344A | G | 0.1212 | 4000 |
| 8 chrUn6.24278G | A | 0.345 | 4000 |
| 8 chrC1.650812G | A | 0.09605 | 3998 |
| 8 chrC1.651312A | G | 0.2161 | 4002 |
| 8 chrC1.652118A | G | 0.228 | 3930 |
| 8 chrC1.652863A | G | 0.0523 | 3996 |
| 8 chrC1.653526C | A | 0.08925 | 3608 |
| 8 chrC1.654324G | A | 0.2662 | 3978 |
| 8 chrC1.655116G | A | 0.01671 | 3950 |
| 8 chrC1.655683A | G | 0.1198 | 4000 |
| 8 chrC1.655996C | A | 0.5 | 4004 |
| 8 chrC1.656460G | A | 0.1783 | 4004 |
| 8 chrC1.656776A | G | 0.09295 | 4002 |
| 8 chrC1.657114C | A | 0.2193 | 3976 |
| 8 chrC1.657482C | A | 0.4414 | 3944 |
| 8 chrC1.657880A | G | 0.2666 | 4006 |
| 8 chrC1.658405G | A | 0.4684 | 3984 |
| 8 chrC1.658651A | G | 0.1596 | 3966 |
| 8 chrC1.658925G | A | 0.4456 | 3932 |
| 8 chrC1.659377G | A | 0.1291 | 4006 |
| 8 chrC1.659963A | G | 0.3913 | 3994 |
| 8 chrC1.660580G | A | 0.1333 | 3998 |
| 8 chrC1.661002G | A | 0.2561 | 4002 |

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| 8 chrUn38.501!A | G | 0.4635 | 4002 |
| 8 chrC1.66111!A | G | 0.3939 | 3998 |
| 8 chrC1.66168!G | A | 0.1274 | 3996 |
| 8 chrC1.66197!C | A | 0.2403 | 4008 |
| 8 chrC1.66229!G | A | 0.2246 | 3990 |
| 8 chrC1.66265!A | G | 0.01042 | 3936 |
| 8 chrC1.66336!A | G | 0.2758 | 3996 |
| 8 chrC1.66363!A | G | 0.3737 | 4006 |
| 8 chrC1.66387!A | G | 0.08387 | 4006 |
| 8 chrC1.66472!A | G | 0.406 | 3956 |
| 8 chrC1.66531!A | C | 0.2571 | 3998 |
| 8 chrC1.66569!A | G | 0.03462 | 3726 |
| 8 chrUn.79092!A | G | 0.04712 | 3714 |
| 8 chrC1.66611!G | A | 0.4228 | 3962 |
| 8 chrC1.66701!G | A | 0.3614 | 4004 |
| 8 chrC1.66731!G | A | 0.2061 | 3994 |
| 8 chrC1.66777!G | A | 0.2172 | 4006 |
| 8 chrC1.66805!G | A | 0.1393 | 4000 |
| 8 chrC1.66832!G | A | 0.2109 | 4006 |
| 8 chrC1.66875!A | G | 0.1961 | 3912 |
| 8 chrC1.66924!G | A | 0.004028 | 3972 |
| 8 chrC1.66967!C | A | 0.2771 | 3962 |
| 8 chrC1.67111!A | C | 0.04246 | 4004 |
| 8 chrC1.67205!G | A | 0.4516 | 3968 |
| 8 chrC1.67240!A | G | 0.1173 | 4006 |
| 8 chrC1.67264!G | A | 0.3952 | 3988 |
| 8 chrC1.67320!G | A | 0.4318 | 4004 |
| 8 chrC1.67373!G | A | 0.4048 | 4004 |
| 8 chrC1.67412!A | G | 0.2554 | 3946 |
| 8 chrC1.67505!A | G | 0.2224 | 4006 |
| 8 chrC1.67559!A | C | 0.08892 | 3970 |
| 8 chrC1.67605!A | G | 0.0735 | 4000 |
| 8 chrC1.67656!A | G | 0.3513 | 4000 |
| 8 chrC1.67697!A | G | 0.1093 | 3998 |
| 8 chrC1.67727!A | G | 0.2441 | 4006 |
| 8 chrC1.67769!G | A | 0.08766 | 4004 |
| 8 chrC1.67853!A | G | 0.2299 | 3872 |
| 8 chrC1.67884!A | G | 0.2401 | 3998 |
| 8 chrC1.67910!G | A | 0.2254 | 3988 |
| 8 chrC1.67956!A | G | 0.3993 | 3904 |
| 8 chrC1.67985!A | C | 0.07737 | 3994 |

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| 8 chrC1.680096 | A | 0.4345 | 3986 |
| 8 chrC1.680546 | G | 0.1293 | 3998 |
| 8 chrC1.681069 | C | 0.00503 | 3976 |
| 8 chrC1.681343 | G | 0.0504 | 4008 |
| 8 chrC1.682298 | A | 0.3487 | 4006 |
| 8 chrC1.682511 | A | 0.3284 | 3952 |
| 8 chrC1.683321 | G | 0.499 | 3984 |
| 8 chrC1.683866 | A | 0.4208 | 3802 |
| 8 chrC1.684419 | G | 0.0315 | 3968 |
| 8 chrC1.684756 | A | 0.2282 | 4000 |
| 8 chrC1.685018 | G | 0.4165 | 3986 |
| 8 chrC1.685490 | G | 0.07692 | 4004 |
| 8 chrC1.685734 | G | 0.1257 | 4008 |
| 8 chrC1.686001 | A | 0.09245 | 4002 |
| 8 chrC1.686241 | C | 0.0835 | 4000 |
| 8 chrUn.601724 | G | 0.09504 | 3988 |
| 8 chrC1.686969 | A | 0.09511 | 4006 |
| 8 chrC1.687829 | G | 0.03059 | 3988 |
| 8 chrC1.688072 | A | 0.3337 | 3884 |
| 8 chrC1.688436 | A | 0.09787 | 3944 |
| 8 chrC1.688675 | A | 0.4691 | 3986 |
| 8 chrC1.688915 | A | 0.3175 | 3988 |
| 8 chrC1.689681 | A | 0.03077 | 3998 |
| 8 chrC1.690156 | A | 0.008246 | 4002 |
| 8 chrC1.690585 | A | 0.4209 | 4008 |
| 8 chrC1.691378 | A | 0.4923 | 4004 |
| 8 chrC1.692180 | A | 0.09336 | 4006 |
| 8 chrC1.692571 | G | 0.06131 | 3996 |
| 8 chrC1.693128 | A | 0.06222 | 4002 |
| 8 chrC1.693690 | A | 0.08029 | 3998 |
| 8 chrC1.693765 | A | 0.09965 | 3984 |
| 8 chrC1.694214 | G | 0.2122 | 3992 |
| 8 chrC1.694653 | G | 0.2268 | 3990 |
| 8 chrC1.694933 | A | 0.2797 | 3908 |
| 8 chrX.1552873 | C | 0.433 | 3986 |
| 8 chrC1.695739 | G | 0.4369 | 3964 |
| 8 chrC1.696144 | A | 0.2447 | 4000 |
| 8 chrC1.696542 | G | 0.1381 | 3996 |
| 8 chrC1.696887 | A | 0.4114 | 3950 |
| 8 chrC1.697463 | G | 0.03543 | 4008 |
| 8 chrC1.697991 | A | 0.4542 | 3950 |

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| 8 chrC1.698281A | G | 0.3531 | 4004 |
| 8 chrC1.698896A | G | 0.2564 | 3966 |
| 8 chrC1.699721G | A | 0.25 | 3976 |
| 8 chrC1.700140A | C | 0.4537 | 3994 |
| 8 chrC1.700495A | G | 0.0542 | 4004 |
| 8 chrUn.319203G | A | 0.4406 | 4006 |
| 8 chrC1.701204G | A | 0.2255 | 3996 |
| 8 chrC1.701363A | G | 0.1294 | 3996 |
| 8 chrC1.701694G | A | 0.09236 | 4006 |
| 8 chrC1.702177A | G | 0.1251 | 3742 |
| 8 chrC1.702442A | G | 0.1648 | 4006 |
| 8 chrC1.702794C | A | 0.3746 | 3970 |
| 8 chrC1.703135A | G | 0.3412 | 3962 |
| 8 chrC1.703212 | 0 C | 0 | 4010 |
| 8 chrC1.703663A | G | 0.3601 | 4002 |
| 8 chrC1.704418A | G | 0.321 | 3956 |
| 8 chrC1.704909G | A | 0.4133 | 3958 |
| 8 chrC1.705451A | C | 0.3505 | 3866 |
| 8 chrC1.705994G | A | 0.3115 | 3994 |
| 8 chrC1.706422A | G | 0.3131 | 3996 |
| 8 chrC1.706965A | G | 0.2702 | 3934 |
| 8 chrUn.180743G | A | 0.1648 | 4006 |
| 8 chrC1.707525G | A | 0.2838 | 4000 |
| 8 chrC1.707898G | A | 0.3094 | 3998 |
| 8 chrC1.708390G | A | 0.2244 | 4006 |
| 8 chrC1.709055A | G | 0.2163 | 4000 |
| 8 chrC1.709367G | A | 0.1301 | 3966 |
| 8 chrC1.709896G | A | 0.02809 | 3952 |
| 8 chrUn.474669A | C | 0.2483 | 3886 |
| 8 chrC1.711235A | G | 0.1692 | 4006 |
| 8 chrC1.711487A | G | 0.04392 | 3802 |
| 8 chrC1.712545A | G | 0.2439 | 3990 |
| 8 chrC1.712804G | A | 0.2677 | 3994 |
| 8 chrC1.713194A | G | 0.1171 | 3962 |
| 8 chrC1.713590A | G | 0.1084 | 3996 |
| 8 chrC1.714089G | A | 0.4463 | 4006 |
| 8 chrC1.714379G | A | 0.04496 | 4004 |
| 8 chrC1.714673C | A | 0.3406 | 3996 |
| 8 chrC1.716174A | G | 0.3117 | 3994 |
| 8 chrC1.716461G | A | 0.01759 | 3980 |
| 8 chrC1.716753A | G | 0.1297 | 3994 |

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| 8 chrC1.717366A | G | 0.05819 | 4004 |
| 8 chrUn.80690A | C | 0.4166 | 3980 |
| 8 chrC2.166306A | G | 0.1149 | 3898 |
| 8 chrC1.717716C | A | 0.1142 | 3994 |
| 8 chrC1.718423A | G | 0.1206 | 3848 |
| 8 chrC1.718848A | C | 0.02746 | 4006 |
| 8 chrC1.719383G | A | 0.05776 | 3774 |
| 8 chrD1.856004A | G | 0.1017 | 3952 |
| 8 chrC1.719997A | G | 0.03676 | 3836 |
| 8 chrC1.720012G | A | 0.3861 | 3976 |
| 8 chrC2.351317G | A | 0.1049 | 4004 |
| 8 chrC1.720701A | C | 0.02383 | 3818 |
| 8 chrC1.721092A | C | 0.1916 | 4004 |
| 8 chrC1.721525A | C | 0.0575 | 4000 |
| 8 chrC1.721838G | A | 0.1324 | 4004 |
| 8 chrC1.722744A | G | 0.3352 | 4000 |
| 8 chrC1.722796C | A | 0.06712 | 4008 |
| 8 chrC1.723187A | G | 0.256 | 3992 |
| 8 chrC1.723483A | G | 0.4165 | 3998 |
| 8 chrC1.723997C | A | 0.1 | 4010 |
| 8 chrC1.724415A | G | 0.1035 | 4008 |
| 8 chrC1.724854A | G | 0.3987 | 3990 |
| 8 chrC1.725195G | A | 0.07268 | 4004 |
| 8 chrC1.726159G | A | 0.1042 | 4010 |
| 8 chrC1.726612G | A | 0.08645 | 3956 |
| 8 chrC1.726944A | G | 0.1303 | 4006 |
| 8 chrC1.727483G | A | 0.4489 | 3898 |
| 8 chrC1.727954C | A | 0.2484 | 3688 |
| 8 chrC1.728455G | A | 0.1061 | 3998 |
| 8 chrC1.728817A | G | 0.1504 | 3996 |
| 8 chrC1.729062G | A | 0.1495 | 3992 |
| 8 chrC1.729525A | C | 0.08155 | 4010 |
| 8 chrC1.729814A | G | 0.4024 | 3976 |
| 8 chrC1.730362G | A | 0.3754 | 3998 |
| 8 chrC1.730727A | C | 0.01286 | 3966 |
| 8 chrC1.731189G | A | 0.4712 | 4000 |
| 8 chrC1.731825C | A | 0.4066 | 3984 |
| 8 chrC1.732097A | G | 0.3653 | 4002 |
| 8 chrC1.732389A | G | 0.2274 | 3984 |
| 8 chrC1.732735A | G | 0.3742 | 3998 |
| 8 chrC1.733321G | A | 0.3885 | 3992 |

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| 8 chrC1.733802A | G | 0.08296 | 4002 |
| 8 chrC1.734419C | A | 0.1349 | 3922 |
| 8 chrC1.735208A | C | 0.08542 | 3992 |
| 8 chrC1.734875A | G | 0.2765 | 3946 |
| 8 chrC1.735635A | G | 0.08191 | 3980 |
| 8 chrC1.736775G | A | 0.415 | 3998 |
| 8 chrC1.737112A | G | 0.4965 | 4004 |
| 8 chrC1.737475G | A | 0.4052 | 4010 |
| 8 chrC1.738662A | G | 0.006497 | 4002 |
| 8 chrC1.738911G | A | 0.1545 | 4006 |
| 8 chrC1.739342A | C | 0.0002498 | 4004 |
| 8 chrC1.739908A | G | 0.3117 | 4010 |
| 8 chrC1.740481A | G | 0.4426 | 3888 |
| 8 chrF2.564261A | G | 0.1048 | 4000 |
| 8 chrC1.740875A | G | 0.1006 | 4006 |
| 8 chrC1.740935G | A | 0.1111 | 3950 |
| 8 chrC1.741196A | C | 0.108 | 4000 |
| 8 chrC1.741470A | G | 0.1293 | 3890 |
| 8 chrC1.741885A | G | 0.4824 | 3978 |
| 8 chrC1.742488G | A | 0.08337 | 4006 |
| 8 chrC1.742725G | A | 0.1446 | 4004 |
| 8 chrC1.743283G | A | 0.1805 | 3994 |
| 8 chrC1.743752C | A | 0.3717 | 3990 |
| 8 chrC1.744102A | G | 0.02684 | 3838 |
| 8 chrC1.744500A | G | 0.03873 | 4002 |
| 8 chrC1.744829G | A | 0.12 | 4010 |
| 8 chrC1.745168A | G | 0.3925 | 3982 |
| 8 chrC1.745497G | A | 0.142 | 3916 |
| 8 chrC1.745813C | A | 0.1398 | 4006 |
| 8 chrC1.746129C | A | 0.3308 | 4002 |
| 8 chrC1.746380A | G | 0.2481 | 4006 |
| 8 chrC1.746970A | G | 0.4578 | 4006 |
| 8 chrC1.747319G | A | 0.1414 | 3608 |
| 8 chrC1.747847A | G | 0.4462 | 3994 |
| 8 chrC1.748448A | G | 0.021 | 4000 |
| 8 chrC1.748727C | A | 0.1782 | 4002 |
| 8 chrC1.749277A | G | 0.05414 | 4008 |
| 8 chrC1.749732A | G | 0.184 | 3990 |
| 8 chrC1.749842G | A | 0.1038 | 4000 |
| 8 chrC1.750081A | G | 0.1613 | 4006 |
| 8 chrC1.750526A | G | 0.4677 | 4000 |

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| 8 chrC1.750925A | G | 0.2167 | 3908 |
| 8 chrC1.751288G | A | 0.3244 | 4004 |
| 8 chrC1.751669A | C | 0.3078 | 3996 |
| 8 chrC1.751980C | A | 0.1516 | 3992 |
| 8 chrC1.752261G | A | 0.3538 | 3988 |
| 8 chrC1.752840A | G | 0.08686 | 3972 |
| 8 chrC1.754314G | A | 0.2161 | 3998 |
| 8 chrC1.754926A | G | 0.04377 | 3998 |
| 8 chrC1.755604A | C | 0.2078 | 3942 |
| 8 chrC1.755972A | G | 0.2877 | 3990 |
| 8 chrC1.756792C | A | 0.1466 | 3990 |
| 8 chrC1.757118A | G | 0.1424 | 4010 |
| 8 chrC1.757807G | A | 0.3194 | 3992 |
| 8 chrC1.758392A | G | 0.1184 | 3664 |
| 8 chrC1.758692A | G | 0.2509 | 3998 |
| 8 chrC1.759522G | A | 0.3197 | 3998 |
| 8 chrC1.759969A | C | 0.1673 | 4000 |
| 8 chrC1.760360A | C | 0.1734 | 3990 |
| 8 chrC1.760864A | G | 0.3228 | 3690 |
| 8 chrC1.761482A | C | 0.3175 | 3884 |
| 8 chrC1.761798A | G | 0.3686 | 3904 |
| 8 chrC1.762090A | G | 0.1719 | 3856 |
| 8 chrC1.762351A | G | 0.4868 | 4002 |
| 8 chrC1.762607G | A | 0.2113 | 4004 |
| 8 chrC1.762893A | G | 0.3665 | 4006 |
| 8 chrC1.763174A | G | 0.4226 | 3992 |
| 8 chrC1.763450C | A | 0.1713 | 4010 |
| 8 chrC1.764197G | A | 0.3706 | 3964 |
| 8 chrC1.764472G | A | 0.46 | 4004 |
| 8 chrC1.764727A | G | 0.1253 | 3998 |
| 8 chrC1.765014A | G | 0.3948 | 3848 |
| 8 chrC1.765233 | 0 A | 0 | 3996 |
| 8 chrC1.765350A | G | 0.1533 | 4006 |
| 8 chrC1.765446A | G | 0.002747 | 4004 |
| 8 chrC1.765875G | A | 0.3101 | 3996 |
| 8 chrC1.766248A | G | 0.4155 | 3998 |
| 8 chrC1.766973A | G | 0.4135 | 3998 |
| 8 chrC1.767211A | G | 0.4143 | 4000 |
| 8 chrC1.767563A | G | 0.3301 | 4008 |
| 8 chrC1.767853A | G | 0.4614 | 3886 |
| 8 chrC1.768248A | G | 0.01297 | 3624 |

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| 8 chrC1.768491G | A | 0.003786 | 3962 |
| 8 chrC1.768917C | A | 0.2441 | 3990 |
| 8 chrC1.769158A | G | 0.488 | 4002 |
| 8 chrC1.769510G | A | 0.4061 | 3982 |
| 8 chrC1.769866A | G | 0.07172 | 3974 |
| 8 chrC1.770251G | A | 0.08383 | 4008 |
| 8 chrC1.770538A | G | 0.05913 | 4008 |
| 8 chrC1.770791A | C | 0.1448 | 3888 |
| 8 chrC1.771028A | C | 0.09247 | 3958 |
| 8 chrC1.771728A | G | 0.09535 | 3996 |
| 8 chrC1.772422G | A | 0.2558 | 3976 |
| 8 chrC1.772881G | A | 0.08847 | 3956 |
| 8 chrC1.773324A | G | 0.4738 | 4002 |
| 8 chrC1.773606A | C | 0.3531 | 3982 |
| 8 chrC1.774356A | G | 0.2547 | 3758 |
| 8 chrC1.774785G | A | 0.1365 | 4008 |
| 8 chrC1.776041G | A | 0.2581 | 3994 |
| 8 chrC1.776198A | G | 0.07763 | 4006 |
| 8 chrC1.776396G | A | 0.4 | 3990 |
| 8 chrC1.776725G | A | 0.08571 | 4002 |
| 8 chrC1.777395G | A | 0.08904 | 3942 |
| 8 chrC1.778032A | G | 0.1649 | 3674 |
| 8 chrC1.778766G | A | 0.1847 | 3908 |
| 8 chrC1.779064C | A | 0.4496 | 3988 |
| 8 chrC1.779412 | 0 G | 0 | 4010 |
| 8 chrC1.779557A | C | 0.363 | 3890 |
| 8 chrC1.779870A | G | 0.4119 | 4006 |
| 8 chrC1.780564G | A | 0.001505 | 3988 |
| 8 chrC1.780893A | G | 0.2439 | 4006 |
| 8 chrC1.781213A | G | 0.1407 | 4008 |
| 8 chrC1.781638A | G | 0.255 | 3902 |
| 8 chrC1.782216A | G | 0.08055 | 4010 |
| 8 chrC1.783660G | A | 0.068 | 4000 |
| 8 chrC1.783915A | C | 0.1359 | 3856 |
| 8 chrC1.784517A | G | 0.1949 | 3996 |
| 8 chrC1.784855A | G | 0.2859 | 4002 |
| 8 chrC1.785097A | G | 0.1587 | 4008 |
| 8 chrC1.785679G | A | 0.3033 | 3956 |
| 8 chrUn.746928G | A | 0.2895 | 4000 |
| 8 chrC1.785970A | G | 0.05775 | 4000 |
| 8 chrC1.786969A | G | 0.2654 | 3952 |

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| 8 chrC1.787804G | A | 0.2588 | 3988 |
| 8 chrC1.788144G | A | 0.2444 | 3810 |
| 8 chrC1.788648A | G | 0.1038 | 3990 |
| 8 chrC1.789651A | G | 0.4553 | 4000 |
| 8 chrC1.790577A | G | 0.1207 | 3934 |
| 8 chrC1.790847G | A | 0.1201 | 3998 |
| 8 chrC1.791164G | A | 0.1195 | 3992 |
| 8 chrC1.791420G | A | 0.0835 | 3952 |
| 8 chrD1.684125A | G | 0.3143 | 4002 |
| 8 chrC1.791864G | A | 0.2381 | 4006 |
| 8 chrC1.792715A | G | 0.373 | 3992 |
| 8 chrC1.793095A | G | 0.2786 | 4002 |
| 8 chrC1.793751A | G | 0.1161 | 4004 |
| 8 chrC1.794073C | A | 0.001995 | 4010 |
| 8 chrC1.794773G | A | 0.0757 | 3976 |
| 8 chrC1.794775G | A | 0.07903 | 3910 |
| 8 chrC1.795413G | A | 0.1375 | 3994 |
| 8 chrC1.795925G | A | 0.3527 | 3984 |
| 8 chrC1.795944A | G | 0.002751 | 3998 |
| 8 chrC1.796498G | A | 0.001995 | 4010 |
| 8 chrC1.796858G | A | 0.4129 | 3940 |
| 8 chrC1.797099A | G | 0.1851 | 3982 |
| 8 chrC1.797519A | G | 0.2526 | 4006 |
| 8 chrC1.797916G | A | 0.1646 | 3998 |
| 8 chrC1.798390G | A | 0.3065 | 3994 |
| 8 chrC1.798902A | G | 0.07225 | 3986 |
| 8 chrC1.799424A | G | 0.2346 | 3956 |
| 8 chrC1.799928A | G | 0.3297 | 4000 |
| 8 chrC1.800362A | G | 0.178 | 3978 |
| 8 chrC1.800861A | G | 0.1458 | 3986 |
| 8 chrC1.801174G | A | 0.2983 | 4000 |
| 8 chrC1.801848C | A | 0.09325 | 4000 |
| 8 chrC1.801855G | A | 0.06169 | 4004 |
| 8 chrC1.802170A | G | 0.2855 | 3990 |
| 8 chrC1.802427A | G | 0.4147 | 3976 |
| 8 chrC1.803044G | A | 0.2195 | 3996 |
| 8 chrC1.803760A | G | 0.05383 | 3938 |
| 8 chrC1.804344G | A | 0.1125 | 4008 |
| 8 chrC1.804816G | A | 0.1344 | 4002 |
| 8 chrC1.805245A | C | 0.08099 | 3976 |
| 8 chrC1.805604A | G | 0.4781 | 3964 |

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| 8 chrC1.806752A | G | 0.4485 | 3844 |
| 8 chrC1.807075G | A | 0.3426 | 3978 |
| 8 chrC1.807651G | A | 0.3524 | 3944 |
| 8 chrC1.807928G | A | 0.4262 | 3984 |
| 8 chrC1.808664A | G | 0.476 | 3994 |
| 8 chrC1.809412G | A | 0.3256 | 3974 |
| 8 chrC1.810351G | A | 0.3704 | 4004 |
| 8 chrC1.810721A | G | 0.2501 | 3998 |
| 8 chrC1.811759A | G | 0.4125 | 3998 |
| 8 chrUn.734541A | G | 0.4938 | 4004 |
| 8 chrC1.812521A | G | 0.1652 | 4008 |
| 8 chrC1.813149G | A | 0.2937 | 3994 |
| 8 chrC1.813633A | G | 0.0002494 | 4010 |
| 8 chrC1.813658A | G | 0.4212 | 3998 |
| 8 chrC1.813915A | G | 0.4583 | 3934 |
| 8 chrC1.814784A | G | 0.09491 | 4004 |
| 8 chrC1.815612A | G | 0.3278 | 3996 |
| 8 chrC1.815851A | G | 0.09834 | 3976 |
| 8 chrC1.816159G | A | 0.2705 | 3970 |
| 8 chrC1.816608A | G | 0.001498 | 4006 |
| 8 chrC1.817195A | C | 0.05667 | 4006 |
| 8 chrC1.817699G | A | 0.0555 | 4000 |
| 8 chrC1.818136A | G | 0.0572 | 3986 |
| 8 chrC1.818398A | G | 0.1196 | 3996 |
| 8 chrC1.818675A | G | 0.1071 | 4006 |
| 8 chrC1.819296A | G | 0.2246 | 3998 |
| 8 chrC1.820317A | G | 0.0219 | 3972 |
| 8 chrC1.820798G | A | 0.1181 | 4006 |
| 8 chrC1.822325G | A | 0.2984 | 3964 |
| 8 chrC1.823080A | G | 0.1064 | 4004 |
| 8 chrC1.823539C | A | 0.03493 | 4008 |
| 8 chrC1.823696G | A | 0.09036 | 4006 |
| 8 chrC1.823791G | A | 0.0499 | 4008 |
| 8 chrC1.824271A | G | 0.05489 | 4008 |
| 8 chrC1.824640A | C | 0.01724 | 4002 |
| 8 chrC1.825083A | G | 0.2169 | 3992 |
| 8 chrC1.825362A | G | 0.08438 | 3994 |
| 8 chrC1.825781A | G | 0.1607 | 4008 |
| 8 chrC1.826508G | A | 0.01999 | 4002 |
| 8 chrC1.827529G | A | 0.06163 | 4008 |
| 8 chrC1.827548G | A | 0.4922 | 3590 |

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| 8 chrC1.828058G | A | 0.167 | 4006 |
| 8 chrC1.828540C | A | 0.155 | 3890 |
| 8 chrC1.828803G | A | 0.1054 | 3870 |
| 8 chrC1.829286A | G | 0.1366 | 3990 |
| 8 chrC1.829696G | A | 0.4585 | 3998 |
| 8 chrC1.829995G | A | 0.2104 | 4002 |
| 8 chrC1.830352A | G | 0.2831 | 4006 |
| 8 chrC1.830462A | G | 0.499 | 4000 |
| 8 chrC1.830625C | A | 0.3509 | 3978 |
| 8 chrC1.831236G | A | 0.4805 | 3944 |
| 8 chrC1.831781G | A | 0.2181 | 3994 |
| 8 chrC1.832403C | A | 0.4108 | 3948 |
| 8 chrC1.832708G | A | 0.412 | 3990 |
| 8 chrB4.711585G | A | 0.09862 | 3914 |
| 8 chrC1.833223A | G | 0.4446 | 3992 |
| 8 chrC1.833650C | A | 0.06702 | 3820 |
| 8 chrC1.834415A | G | 0.2166 | 3994 |
| 8 chrC1.834849A | G | 0.05228 | 3902 |
| 8 chrC1.835095A | C | 0.0419 | 4010 |
| 8 chrC1.835885A | C | 0.3866 | 3958 |
| 8 chrC1.836293G | A | 0.01399 | 4004 |
| 8 chrC1.836699A | G | 0.4743 | 4000 |
| 8 chrC1.837078A | G | 0.2119 | 3988 |
| 8 chrC1.837382G | A | 0.1297 | 3878 |
| 8 chrC1.837720A | G | 0.2742 | 3986 |
| 8 chrC1.838292A | G | 0.1515 | 4000 |
| 8 chrC1.838600C | A | 0.08429 | 3820 |
| 8 chrC1.838999A | G | 0.4878 | 4002 |
| 8 chrC1.839265A | C | 0.3991 | 3976 |
| 8 chrC1.839776C | A | 0.04813 | 4010 |
| 8 chrC1.840681A | G | 0.476 | 3916 |
| 8 chrC1.841291A | G | 0.2329 | 4002 |
| 8 chrC1.841933G | A | 0.2908 | 3978 |
| 8 chrC1.842228G | A | 0.3593 | 3980 |
| 8 chrC1.842441A | G | 0.4033 | 4002 |
| 8 chrC1.842674A | G | 0.4009 | 3994 |
| 8 chrC1.843000A | G | 0.007406 | 3916 |
| 8 chrC1.843535G | A | 0.07529 | 3998 |
| 8 chrC1.844567A | G | 0.3652 | 3990 |
| 8 chrC1.845072A | G | 0.4077 | 3998 |
| 8 chrC1.845669G | A | 0.1985 | 3984 |

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| 8 chrC1.846205A | G | 0.483 | 3998 |
| 8 chrC1.847808A | G | 0.06436 | 3962 |
| 8 chrC1.848382G | A | 0.01105 | 3982 |
| 8 chrC1.848651G | A | 0.1383 | 3984 |
| 8 chrC1.849050G | A | 0.4723 | 4002 |
| 8 chrC1.849887A | G | 0.174 | 3994 |
| 8 chrC1.849921A | G | 0.3286 | 3984 |
| 8 chrC1.850310G | A | 0.2426 | 3904 |
| 8 chrC1.850689A | G | 0.4185 | 4002 |
| 8 chrC1.851132G | A | 0.02426 | 3998 |
| 8 chrC1.852405G | A | 0.2872 | 3948 |
| 8 chrC1.852647A | G | 0.1673 | 3988 |
| 8 chrC1.853410A | G | 0.1376 | 3996 |
| 8 chrC1.853927G | A | 0.2935 | 3990 |
| 8 chrC1.854182C | A | 0.156 | 4006 |
| 8 chrC1.854811A | G | 0.2662 | 4000 |
| 8 chrC1.855248A | G | 0.1842 | 3996 |
| 8 chrC1.855552G | A | 0.01122 | 4010 |
| 8 chrC1.856145A | G | 0.1931 | 3930 |
| 8 chrC1.856717G | A | 0.1163 | 3938 |
| 8 chrC1.857051C | A | 0.2678 | 3940 |
| 8 chrC1.857557A | G | 0.4416 | 3976 |
| 8 chrC1.857857A | G | 0.2536 | 4002 |
| 8 chrC1.858319A | G | 0.494 | 3978 |
| 8 chrC1.858814A | C | 0.1282 | 4000 |
| 8 chrC1.859131G | A | 0.1285 | 3954 |
| 8 chrC1.859997G | A | 0.3739 | 4006 |
| 8 chrC1.860186G | A | 0.006091 | 3940 |
| 8 chrC1.860968A | G | 0.4692 | 3998 |
| 8 chrC1.861318G | A | 0.3894 | 4004 |
| 8 chrC1.862502G | A | 0.4237 | 3996 |
| 8 chrC1.862789G | A | 0.07425 | 4000 |
| 8 chrC1.863114G | A | 0.2744 | 3990 |
| 8 chrC1.863379G | A | 0.1832 | 3974 |
| 8 chrC1.863705G | A | 0.05091 | 3732 |
| 8 chrC1.864102C | A | 0.06673 | 3986 |
| 8 chrC1.864741A | G | 0.4413 | 3984 |
| 8 chrC1.865014G | A | 0.2817 | 3990 |
| 8 chrC1.865720A | G | 0.4123 | 3992 |
| 8 chrC1.866009A | G | 0.1949 | 4002 |
| 8 chrC1.866659G | A | 0.4747 | 3994 |

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| 8 chrC1.867421C | A | 0.1219 | 3920 |
| 8 chrC1.867691A | G | 0.3662 | 3992 |
| 8 chrC1.86809C | A | 0.4619 | 3994 |
| 8 chrC1.868328A | G | 0.4649 | 3956 |
| 8 chrC1.868379A | G | 0.3813 | 3994 |
| 8 chrC1.868783A | G | 0.1951 | 3998 |
| 8 chrC1.869377C | A | 0.3198 | 3940 |
| 8 chrC1.869776A | G | 0.4847 | 3998 |
| 8 chrC1.87030C | C | 0.02594 | 4010 |
| 8 chrC1.870609A | G | 0.4654 | 3956 |
| 8 chrC1.870951C | A | 0.2257 | 3970 |
| 8 chrC1.871243G | A | 0.05935 | 4010 |
| 8 chrC1.871728A | G | 0.4313 | 3976 |
| 8 chrC1.872122A | C | 0.2501 | 3878 |
| 8 chrC1.87267C | A | 0.1099 | 3920 |
| 8 chrC1.873348A | G | 0.4048 | 4002 |
| 8 chrC1.873548A | G | 0.4347 | 3984 |
| 8 chrC1.874028G | A | 0.3601 | 3680 |
| 8 chrC1.874809G | A | 0.2857 | 3920 |
| 8 chrC1.875376C | A | 0.1566 | 3998 |
| 8 chrC1.875819A | G | 0.2205 | 3928 |
| 8 chrC1.876744G | A | 0.004315 | 3940 |
| 8 chrC1.877356A | G | 0.1394 | 4002 |
| 8 chrC1.87761C | A | 0.2229 | 3998 |
| 8 chrC1.87809C | G | 0.3633 | 4002 |
| 8 chrC1.878579C | A | 0.11 | 4008 |
| 8 chrC1.878859A | G | 0.3924 | 3998 |
| 8 chrC1.879168A | G | 0.06069 | 4004 |
| 8 chrC1.879207A | G | 0.0004988 | 4010 |
| 8 chrC1.879609A | G | 0.05931 | 3878 |
| 8 chrC1.880013A | G | 0.4755 | 4002 |
| 8 chrC1.880544A | G | 0.259 | 3908 |
| 8 chrC1.880817A | G | 0.3237 | 3994 |
| 8 chrC1.881076A | C | 0.1303 | 3746 |
| 8 chrC1.881581G | A | 0.3056 | 4002 |
| 8 chrB3.557913G | A | 0.009745 | 4002 |
| 8 chrC1.882521A | G | 0.06649 | 3700 |
| 8 chrC1.882937A | C | 0.1778 | 3942 |
| 8 chrC1.883339A | G | 0.4271 | 3994 |
| 8 chrC1.883609G | A | 0.2063 | 4008 |
| 8 chrC1.883991C | A | 0.4483 | 4006 |

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| 8 chrC1.884245A | G | 0.1266 | 4004 |
| 8 chrC1.884643A | C | 0.5 | 3950 |
| 8 chrC1.885482A | G | 0.3379 | 3980 |
| 8 chrC1.885788G | A | 0.4812 | 3880 |
| 8 chrC1.887092G | A | 0.2842 | 4004 |
| 8 chrC1.887905A | G | 0.3026 | 3982 |
| 8 chrC1.888253C | A | 0.1527 | 3996 |
| 8 chrC1.888575A | G | 0.1561 | 4004 |
| 8 chrC1.888861A | G | 0.1483 | 3878 |
| 8 chrC1.890035A | G | 0.09391 | 4004 |
| 8 chrC1.890626A | G | 0.1598 | 4004 |
| 8 chrC1.891112G | A | 0.2428 | 3986 |
| 8 chrC1.892340A | G | 0.4032 | 3996 |
| 8 chrC1.892423G | A | 0.0002494 | 4010 |
| 8 chrC1.892626G | A | 0.283 | 4000 |
| 8 chrC1.893010A | G | 0.3508 | 3994 |
| 8 chrC1.894044A | G | 0.3933 | 3852 |
| 8 chrC1.894498A | C | 0.3673 | 4008 |
| 8 chrC1.894776C | A | 0.1246 | 4006 |
| 8 chrC1.895459C | A | 0.06819 | 3974 |
| 8 chrC1.895836G | A | 0.1826 | 4008 |
| 8 chrC1.896285C | A | 0.3974 | 3988 |
| 8 chrC1.896697A | G | 0.2064 | 4006 |
| 8 chrC1.897182G | A | 0.1804 | 4002 |
| 8 chrC1.897614A | G | 0.4244 | 4006 |
| 8 chrC1.898025A | G | 0.139 | 3734 |
| 8 chrC1.898307A | G | 0.4007 | 3978 |
| 8 chrC1.898423 | 0 G | 0 | 4010 |
| 8 chrC1.898923G | A | 0.1801 | 3986 |
| 8 chrC1.899479A | G | 0.2472 | 3996 |
| 8 chrC1.900124G | A | 0.008229 | 4010 |
| 8 chrC1.900450G | A | 0.1686 | 3992 |
| 8 chrC1.901416A | C | 0.1602 | 3820 |
| 8 chrC1.901783G | A | 0.2569 | 3998 |
| 8 chrC1.902690G | A | 0.1056 | 4006 |
| 8 chrC1.903052G | A | 0.2312 | 3988 |
| 8 chrC1.903459G | A | 0.303 | 4006 |
| 8 chrC1.904270A | G | 0.0998 | 3998 |
| 8 chrC1.904730G | A | 0.2313 | 3974 |
| 8 chrC1.905046G | A | 0.167 | 3880 |
| 8 chrC1.905310A | G | 0.243 | 4000 |

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| 8 chrC1.905738G | A | 0.2466 | 4002 |
| 8 chrC1.906458G | A | 0.03323 | 4002 |
| 8 chrC1.906743G | A | 0.165 | 4006 |
| 8 chrC1.907229A | C | 0.09562 | 3974 |
| 8 chrC1.908112G | A | 0.1056 | 4006 |
| 8 chrC1.909043A | G | 0.1394 | 4002 |
| 8 chrC1.909480A | G | 0.4198 | 3990 |
| 8 chrC1.909729A | G | 0.4372 | 3996 |
| 8 chrC1.910182A | G | 0.429 | 4002 |
| 8 chrC1.910631C | A | 0.3894 | 3998 |
| 8 chrC1.910639A | G | 0.4136 | 3992 |
| 8 chrC1.911114G | A | 0.08392 | 4004 |
| 8 chrC1.912010C | A | 0.2798 | 3982 |
| 8 chrC1.912278G | A | 0.4355 | 4000 |
| 8 chrC1.913884A | C | 0.1026 | 3956 |
| 8 chrC1.914308A | G | 0.1061 | 4006 |
| 8 chrC1.914336 | 0 A | 0 | 3964 |
| 8 chrC1.914552A | G | 0.1258 | 3992 |
| 8 chrC1.914966A | C | 0.2787 | 3926 |
| 8 chrC1.915752A | G | 0.4359 | 3994 |
| 8 chrC1.915372A | G | 0.339 | 4000 |
| 8 chrC1.915855A | G | 0.4543 | 4008 |
| 8 chrC1.916232A | C | 0.1736 | 3992 |
| 8 chrC1.916720G | A | 0.4254 | 3982 |
| 8 chrC1.916960G | A | 0.4363 | 4000 |
| 8 chrC1.917353C | A | 0.3625 | 3892 |
| 8 chrC1.917873A | G | 0.2063 | 4004 |
| 8 chrC1.918221G | A | 0.3284 | 3992 |
| 8 chrC1.918458A | G | 0.1668 | 3904 |
| 8 chrC1.918848A | G | 0.1142 | 3924 |
| 8 chrC1.919339G | A | 0.3556 | 3996 |
| 8 chrC1.919659G | A | 0.1192 | 4002 |
| 8 chrC1.919915A | G | 0.4259 | 3992 |
| 8 chrC1.920558G | A | 0.4782 | 3998 |
| 8 chrC1.920960A | C | 0.1207 | 4000 |
| 8 chrC1.921112A | G | 0.1193 | 3998 |
| 8 chrC1.921232A | G | 0.1067 | 4000 |
| 8 chrC1.921515A | G | 0.2724 | 3998 |
| 8 chrC1.921901C | A | 0.2745 | 3992 |
| 8 chrC1.922583A | G | 0.06843 | 4004 |
| 8 chrC1.923063C | A | 0.4889 | 3966 |

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| 8 chrC1.923333C | A | 0.1046 | 3988 |
| 8 chrC1.923809A | C | 0.242 | 3992 |
| 8 chrC1.924701A | C | 0.1887 | 4000 |
| 8 chrC1.925200G | A | 0.485 | 4000 |
| 8 chrC1.925740A | G | 0.09847 | 3930 |
| 8 chrC1.926052A | G | 0.114 | 4000 |
| 8 chrC1.926517A | G | 0.2179 | 4002 |
| 8 chrC1.926782G | A | 0.06016 | 4006 |
| 8 chrC1.927117A | G | 0.1001 | 3966 |
| 8 chrC1.927365A | G | 0.1309 | 3974 |
| 8 chrC1.928461A | G | 0.3436 | 3926 |
| 8 chrC1.929782A | G | 0.01022 | 4010 |
| 8 chrC1.930285G | A | 0.1027 | 4002 |
| 8 chrC1.930968G | A | 0.1911 | 3982 |
| 8 chrC1.931504G | A | 0.3751 | 3818 |
| 8 chrC1.931814G | A | 0.2952 | 3892 |
| 8 chrC1.932353A | G | 0.3453 | 3996 |
| 8 chrC1.932738G | A | 0.111 | 3954 |
| 8 chrC1.933172G | A | 0.023 | 4000 |
| 8 chrC1.933746A | G | 0.1719 | 3980 |
| 8 chrC1.934036G | A | 0.168 | 3988 |
| 8 chrC1.934526G | A | 0.2007 | 4006 |
| 8 chrC1.934967A | G | 0.2217 | 3996 |
| 8 chrC1.935575C | A | 0.05788 | 4008 |
| 8 chrF1.221952A | G | 0.03921 | 4004 |
| 8 chrC1.935869G | A | 0.4629 | 3984 |
| 8 chrC1.936659G | A | 0.3063 | 3964 |
| 8 chrC1.937023A | G | 0.2771 | 4002 |
| 8 chrC1.937465C | A | 0.4287 | 3998 |
| 8 chrC1.938435A | G | 0.06743 | 4004 |
| 8 chrC1.939150G | A | 0.4885 | 3984 |
| 8 chrC1.939496A | C | 0.3862 | 3998 |
| 8 chrC1.940574A | G | 0.4825 | 3998 |
| 8 chrB4.162594A | G | 0.04291 | 4008 |
| 8 chrC1.941060A | G | 0.4742 | 3920 |
| 8 chrC1.941400A | G | 0.2883 | 3996 |
| 8 chrC1.941716G | A | 0.02769 | 4008 |
| 8 chrC1.942039G | A | 0.06034 | 3994 |
| 8 chrC1.942533A | G | 0.2868 | 3954 |
| 8 chrC1.942846A | G | 0.07011 | 4008 |
| 8 chrC1.943401C | A | 0.4415 | 3916 |

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| 8 chrC1.943918G | A | 0.4955 | 3998 |
| 8 chrC1.944159G | A | 0.4917 | 3996 |
| 8 chrC1.945012C | A | 0.103 | 3940 |
| 8 chrC1.945935G | A | 0.2117 | 4000 |
| 8 chrC1.946320A | G | 0.1955 | 4006 |
| 8 chrC1.946868A | G | 0.3839 | 3996 |
| 8 chrC1.947207A | C | 0.1928 | 3900 |
| 8 chrC1.947635G | A | 0.0007504 | 3998 |
| 8 chrC1.947684G | A | 0.2103 | 3994 |
| 8 chrC1.948045A | G | 0.2801 | 3998 |
| 8 chrC1.948365A | G | 0.1142 | 3992 |
| 8 chrC1.949068 | 0 A | 0 | 4008 |
| 8 chrC1.949508G | A | 0.1888 | 3972 |
| 8 chrC1.950018G | A | 0.4958 | 4000 |
| 8 chrC1.950461G | A | 0.3912 | 4006 |
| 8 chrC1.950771A | C | 0.487 | 4004 |
| 8 chrC1.951045A | C | 0.02004 | 3992 |
| 8 chrC1.951511G | A | 0.4927 | 3990 |
| 8 chrC1.951929G | A | 0.0181 | 3868 |
| 8 chrC1.952276G | A | 0.05345 | 4004 |
| 8 chrC1.952734G | A | 0.2143 | 4004 |
| 8 chrC1.952994A | G | 0.07929 | 3960 |
| 8 chrC1.953357G | A | 0.3162 | 3998 |
| 8 chrC1.953746A | C | 0.1281 | 3990 |
| 8 chrC1.954226G | A | 0.4897 | 3988 |
| 8 chrC1.954515G | A | 0.463 | 3996 |
| 8 chrC1.954936A | G | 0.4822 | 3996 |
| 8 chrC1.955668A | G | 0.0642 | 3676 |
| 8 chrC1.956091G | A | 0.4608 | 4008 |
| 8 chrUn.344993G | A | 0.3297 | 3998 |
| 8 chrC1.956655A | G | 0.4387 | 3982 |
| 8 chrC1.957057G | A | 0.3008 | 4006 |
| 8 chrC1.957260A | C | 0.03242 | 4010 |
| 8 chrC1.957407G | A | 0.4708 | 4006 |
| 8 chrC1.957948A | G | 0.2415 | 3992 |
| 8 chrC1.958290G | A | 0.2646 | 4006 |
| 8 chrC1.958594G | A | 0.2378 | 3970 |
| 8 chrC1.959332G | A | 0.2667 | 4000 |
| 8 chrC1.960095G | A | 0.4201 | 3942 |
| 8 chrC1.960430A | G | 0.4833 | 4006 |
| 8 chrC1.960782G | A | 0.1328 | 4006 |

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| 8 chrC1.961255G | A | 0.03838 | 3960 |
| 8 chrC1.961882A | G | 0.423 | 3960 |
| 8 chrC1.962718A | G | 0.1942 | 3996 |
| 8 chrC1.963265G | A | 0.1884 | 3954 |
| 8 chrC1.964426G | A | 0.2976 | 3988 |
| 8 chrC1.964562G | A | 0.1716 | 4004 |
| 8 chrC1.964879G | A | 0.07681 | 4010 |
| 8 chrC1.965148A | C | 0.006507 | 3842 |
| 8 chrC1.965734A | C | 0.4575 | 4002 |
| 8 chrC1.966630A | G | 0.01927 | 3996 |
| 8 chrC1.966979G | A | 0.414 | 3976 |
| 8 chrC1.967297A | G | 0.2878 | 3798 |
| 8 chrC1.967653C | A | 0.07533 | 3996 |
| 8 chrC1.967815G | A | 0.008479 | 4010 |
| 8 chrC1.968576G | A | 0.4735 | 3998 |
| 8 chrC1.968849G | A | 0.1146 | 3996 |
| 8 chrUn.573759A | G | 0.3043 | 3996 |
| 8 chrC1.969333G | A | 0.462 | 4004 |
| 8 chrC1.969706G | A | 0.4618 | 3980 |
| 8 chrC1.970362A | G | 0.2759 | 3998 |
| 8 chrC1.970812A | G | 0.3368 | 3984 |
| 8 chrC1.971086G | A | 0.1868 | 4004 |
| 8 chrC1.971344A | G | 0.3851 | 3996 |
| 8 chrC1.971880C | A | 0.3468 | 3994 |
| 8 chrC1.972226A | C | 0.07938 | 4006 |
| 8 chrC1.972544A | C | 0.2734 | 3976 |
| 8 chrC1.972661C | A | 0.4558 | 4002 |
| 8 chrC1.972791A | C | 0.4189 | 3956 |
| 8 chrC1.973035G | A | 0.2564 | 4010 |
| 8 chrC1.973412G | A | 0.03917 | 4008 |
| 8 chrC1.973785A | G | 0.09338 | 3898 |
| 8 chrC1.974168A | G | 0.303 | 3950 |
| 8 chrC1.974449A | G | 0.301 | 4000 |
| 8 chrC1.974803G | A | 0.1772 | 3978 |
| 8 chrC1.975573A | G | 0.3546 | 4002 |
| 8 chrC1.975950A | G | 0.1944 | 3992 |
| 8 chrC1.976378A | C | 0.3214 | 3896 |
| 8 chrC1.976626A | G | 0.2392 | 4010 |
| 8 chrC1.976988A | C | 0.3229 | 3896 |
| 8 chrC1.977240C | A | 0.3175 | 3912 |
| 8 chrC1.977490G | A | 0.3384 | 4004 |

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| 8 chrC1.977921G | A | 0.3126 | 4008 |
| 8 chrC1.978688A | G | 0.4935 | 3990 |
| 8 chrC1.979334A | G | 0.02923 | 3968 |
| 8 chrC1.979340G | A | 0.3002 | 4010 |
| 8 chrC1.979823A | G | 0.3116 | 4008 |
| 8 chrC1.980445A | G | 0.4859 | 3982 |
| 8 chrC1.980689A | G | 0.02576 | 3960 |
| 8 chrC1.981395G | A | 0.3707 | 3998 |
| 8 chrC1.982332A | G | 0.07524 | 3974 |
| 8 chrC1.982733A | C | 0.03615 | 3956 |
| 8 chrC1.983600G | A | 0.05872 | 4002 |
| 8 chrC1.983855G | A | 0.3927 | 3916 |
| 8 chrC1.984272A | C | 0.4238 | 4004 |
| 8 chrC1.984525G | A | 0.04379 | 3996 |
| 8 chrC1.984819C | A | 0.1057 | 3992 |
| 8 chrC1.985217A | G | 0.4603 | 4006 |
| 8 chrC1.986170C | A | 0.1072 | 3974 |
| 8 chrC1.986338A | G | 0.03298 | 4002 |
| 8 chrC1.986414A | G | 0.1169 | 3850 |
| 8 chrC1.986721A | G | 0.1939 | 4008 |
| 8 chrC1.987419C | A | 0.2862 | 4008 |
| 8 chrC1.988101G | A | 0.3046 | 3996 |
| 8 chrC1.988402A | G | 0.2205 | 3972 |
| 8 chrC1.988859A | G | 0.1948 | 4004 |
| 8 chrC1.989365C | A | 0.495 | 3994 |
| 8 chrC1.989715A | G | 0.08263 | 4006 |
| 8 chrC1.990044G | A | 0.2359 | 3980 |
| 8 chrC1.990461A | C | 0.07586 | 3994 |
| 8 chrC1.991402G | A | 0.4962 | 3972 |
| 8 chrC1.991586 | 0 A | 0 | 4004 |
| 8 chrC1.991827A | G | 0.0614 | 3974 |
| 8 chrC1.992909A | G | 0.05935 | 4010 |
| 8 chrC1.993277A | G | 0.1643 | 4006 |
| 8 chrC1.993926A | C | 0.0994 | 4004 |
| 8 chrC1.994126A | G | 0.3924 | 3940 |
| 8 chrC1.994327G | A | 0.389 | 3882 |
| 8 chrC1.994709A | G | 0.1658 | 3752 |
| 8 chrC1.995159A | G | 0.1325 | 4008 |
| 8 chrC1.995989G | A | 0.471 | 4000 |
| 8 chrC1.997018A | G | 0.08581 | 3974 |
| 8 chrUn.173669G | A | 0.3714 | 3990 |

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| 8 chrC1.997267A | G | 0.07232 | 3678 |
| 8 chrC1.997602G | A | 0.09139 | 3994 |
| 8 chrC1.998085G | A | 0.1704 | 4002 |
| 8 chrC1.998541A | C | 0.1891 | 3966 |
| 8 chrC1.998964A | G | 0.2788 | 3982 |
| 8 chrC1.999245A | G | 0.1208 | 4000 |
| 8 chrC1.999512A | G | 0.1044 | 3986 |
| 8 chrC1.100036C | A | 0.4318 | 3990 |
| 8 chrC1.100063G | A | 0.1952 | 4002 |
| 8 chrF2.516278C | A | 0.2404 | 3990 |
| 8 chrF2.515156A | G | 0.3069 | 3998 |
| 8 chrF2.514130G | A | 0.3612 | 4006 |
| 8 chrC1.100233C | A | 0.2083 | 3984 |
| 8 chrC1.100234A | C | 0.1276 | 4004 |
| 8 chrC1.100258A | C | 0.276 | 4004 |
| 8 chrF2.511829A | C | 0.08078 | 3726 |
| 8 chrC1.100338G | A | 0.3168 | 4002 |
| 8 chrC1.100458A | G | 0.4989 | 3766 |
| 8 chrC1.100525A | G | 0.274 | 3916 |
| 8 chrC1.100553G | A | 0.2574 | 4002 |
| 8 chrC1.100581A | G | 0.2486 | 4006 |
| 8 chrC1.100609A | C | 0.4148 | 4002 |
| 8 chrC1.100737A | C | 0.1651 | 4010 |
| 8 chrC1.100769A | G | 0.471 | 3998 |
| 8 chrC1.100797G | A | 0.1374 | 4004 |
| 8 chrC1.100848A | G | 0.255 | 3996 |
| 8 chrC1.100886G | A | 0.4597 | 4000 |
| 8 chrC1.100952G | A | 0.0699 | 4006 |
| 8 chrC1.101011A | G | 0.4475 | 3998 |
| 8 chrC1.101044A | G | 0.4672 | 3992 |
| 8 chrC1.101078A | G | 0.4552 | 4000 |
| 8 chrC1.101154A | C | 0.3637 | 4006 |
| 8 chrC1.101192A | G | 0.05536 | 4010 |
| 8 chrC1.101227G | A | 0.2028 | 3994 |
| 8 chrC1.101267A | G | 0.01349 | 4002 |
| 8 chrC1.101314A | G | 0.05558 | 3994 |
| 8 chrC1.101373A | C | 0.2223 | 3958 |
| 8 chrC1.101402A | G | 0.2559 | 4002 |
| 8 chrC1.101429C | A | 0.3004 | 3988 |
| 8 chrC1.101466G | A | 0.07888 | 4006 |
| 8 chrC1.101498A | G | 0.2969 | 3994 |

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| 8 chrC1.101554G | A | 0.01521 | 4010 |
| 8 chrC1.101597G | A | 0.1873 | 3994 |
| 8 chrC1.101668G | A | 0.3179 | 3986 |
| 8 chrC1.101692A | G | 0.126 | 3858 |
| 8 chrC1.101725A | C | 0.3477 | 4006 |
| 8 chrC1.101793C | A | 0.0611 | 4010 |
| 8 chrC1.101826A | G | 0.3149 | 3944 |
| 8 chrC1.101856A | G | 0.4985 | 3988 |
| 8 chrC1.101924A | G | 0.4168 | 4004 |
| 8 chrD4.355884G | A | 0.3506 | 4004 |
| 8 chrC1.101977G | A | 0.3613 | 4002 |
| 8 chrC1.102017A | G | 0.1497 | 4002 |
| 8 chrC1.102054G | A | 0.2873 | 3986 |
| 8 chrE3.436811G | A | 0.4359 | 3980 |
| 8 chrC1.102126A | G | 0.1102 | 4002 |
| 8 chrC1.102163G | A | 0.1229 | 3996 |
| 8 chrC1.102182A | G | 0.05242 | 4006 |
| 8 chrUn.293298G | A | 0.2218 | 3900 |
| 8 chrC1.102294C | A | 0.1216 | 3954 |
| 8 chrC1.102327A | G | 0.1788 | 3836 |
| 8 chrC1.102352A | G | 0.2009 | 3928 |
| 8 chrC1.102389A | G | 0.1134 | 4002 |
| 8 chrC1.102420G | A | 0.1293 | 4006 |
| 8 chrC1.102611C | A | 0.3301 | 3926 |
| 8 chrC1.102638G | A | 0.07164 | 4006 |
| 8 chrC1.102663A | C | 0.05561 | 4010 |
| 8 chrC1.102704A | C | 0.05965 | 3990 |
| 8 chrC1.102742A | G | 0.218 | 3950 |
| 8 chrC1.102823C | A | 0.2064 | 4002 |
| 8 chrC1.102847A | G | 0.03613 | 3986 |
| 8 chrC1.102892A | G | 0.4741 | 3980 |
| 8 chrC1.102921A | G | 0.3294 | 3986 |
| 8 chrC1.102952A | C | 0.2246 | 3914 |
| 8 chrC1.102973 | 0 A | 0 | 4008 |
| 8 chrC1.102990A | G | 0.3943 | 3994 |
| 8 chrC1.103082A | G | 0.2785 | 4004 |
| 8 chrC1.103187C | A | 0.03568 | 4008 |
| 8 chrC1.103242A | G | 0.03566 | 4010 |
| 8 chrC1.103268A | C | 0.3942 | 4000 |
| 8 chrC1.103270G | A | 0.0002494 | 4010 |
| 8 chrC1.103292A | G | 0.02955 | 3960 |

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| 8 chrC1.103319A | G | 0.3107 | 4004 |
| 8 chrC1.103420A | G | 0.1464 | 4002 |
| 8 chrC1.103465A | C | 0.1459 | 3954 |
| 8 chrUn.546287A | G | 0.4507 | 3668 |
| 8 chrC1.103526G | A | 0.2007 | 4006 |
| 8 chrC1.103554G | A | 0.3103 | 3996 |
| 8 chrC1.103597A | G | 0.06431 | 3996 |
| 8 chrC1.103661A | G | 0.2869 | 3928 |
| 8 chrC1.103717G | A | 0.4143 | 4002 |
| 8 chrC1.103798A | C | 0.03609 | 3990 |
| 8 chrC1.103825G | A | 0.2849 | 4002 |
| 8 chrC1.103855A | C | 0.1673 | 4004 |
| 8 chrC1.103960A | G | 0.1878 | 3982 |
| 8 chrC1.104021A | G | 0.1962 | 3980 |
| 8 chrC1.104065G | A | 0.2356 | 3998 |
| 8 chrC1.104095A | G | 0.236 | 4004 |
| 8 chrC1.104177A | G | 0.2125 | 3982 |
| 8 chrC1.104260A | G | 0.3151 | 3710 |
| 8 chrC1.104306C | A | 0.2024 | 3992 |
| 8 chrC1.104341A | G | 0.3814 | 3964 |
| 8 chrC1.104382A | G | 0.138 | 4000 |
| 8 chrC1.104408A | G | 0.4414 | 3942 |
| 8 chrC1.104464A | C | 0.3132 | 3998 |
| 8 chrC1.104526A | C | 0.1457 | 3994 |
| 8 chrC1.104562A | C | 0.2406 | 3982 |
| 8 chrC1.104589A | C | 0.3918 | 3946 |
| 8 chrC1.104621G | A | 0.3246 | 4002 |
| 8 chrD3.685770C | A | 0.3064 | 3966 |
| 8 chrC1.104665A | G | 0.1256 | 3972 |
| 8 chrC1.104689 | 0 A | 0 | 4008 |
| 8 chrC1.104692G | A | 0.4667 | 3848 |
| 8 chrC1.104724A | G | 0.1013 | 3980 |
| 8 chrC1.104768G | A | 0.4318 | 3928 |
| 8 chrC1.104801A | G | 0.07811 | 3956 |
| 8 chrC1.104847A | G | 0.3602 | 3998 |
| 8 chrC1.104894A | G | 0.01523 | 4004 |
| 8 chrC1.104957A | G | 0.4948 | 4000 |
| 8 chrC1.104993A | G | 0.3384 | 3980 |
| 8 chrC1.105058A | G | 0.3068 | 3820 |
| 8 chrC1.105090A | G | 0.083 | 4000 |
| 8 chrC1.105137A | G | 0.154 | 4006 |

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| 8 chrC1.105164A | G | 0.01967 | 3812 |
| 8 chrC1.105200A | G | 0.155 | 3974 |
| 8 chrC1.105255A | G | 0.02693 | 4010 |
| 8 chrC1.105281A | C | 0.3939 | 3996 |
| 8 chrUn.388101A | G | 0.3939 | 3996 |
| 8 chrC1.105331A | G | 0.08118 | 3954 |
| 8 chrC1.105387G | A | 0.3929 | 4004 |
| 8 chrC1.105415G | A | 0.08822 | 3990 |
| 8 chrC1.105455G | A | 0.0596 | 4010 |
| 8 chrC1.105505A | G | 0.08083 | 3996 |
| 8 chrC1.105525G | A | 0.09536 | 4006 |
| 8 chrC1.105560A | C | 0.2769 | 3962 |
| 8 chrC1.105591A | G | 0.1278 | 3944 |
| 8 chrUn.271041G | A | 0.3713 | 3876 |
| 8 chrC1.105685C | A | 0.1278 | 4000 |
| 8 chrUn.519720G | A | 0.3944 | 4004 |
| 8 chrC1.105714C | A | 0.4753 | 4002 |
| 8 chrC1.105758A | G | 0.4425 | 3998 |
| 8 chrUn.465621A | G | 0.1471 | 3996 |
| 8 chrC1.105787G | A | 0.473 | 3958 |
| 8 chrC1.105862G | A | 0.1373 | 3998 |
| 8 chrC1.105935A | C | 0.02369 | 4010 |
| 8 chrC1.105977G | A | 0.1841 | 3950 |
| 8 chrC1.106005A | G | 0.164 | 4006 |
| 8 chrC1.106035G | A | 0.2549 | 3974 |
| 8 chrC1.106111A | G | 0.09506 | 4008 |
| 8 chrC1.106152C | A | 0.06915 | 4006 |
| 8 chrC1.106210A | G | 0.3959 | 3998 |
| 8 chrC1.106234A | G | 0.04865 | 4008 |
| 8 chrC1.106265G | A | 0.0499 | 4008 |
| 8 chrC1.106365A | G | 0.1928 | 3884 |
| 8 chrC1.106400A | G | 0.3791 | 4004 |
| 8 chrC1.106500A | G | 0.1646 | 4004 |
| 8 chrC1.106530G | A | 0.2243 | 4008 |
| 8 chrC1.106582A | G | 0.4911 | 3820 |
| 8 chrC1.106665G | A | 0.08367 | 4004 |
| 8 chrC1.106691G | A | 0.1536 | 4004 |
| 8 chrC1.106714A | G | 0.2392 | 3988 |
| 8 chrC1.106765A | G | 0.195 | 4010 |
| 8 chrC1.106820A | G | 0.2909 | 3898 |
| 8 chrC1.106861A | G | 0.2639 | 3998 |

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| 8 chrC1.106930A | G | 0.4364 | 3992 |
| 8 chrC1.107012G | A | 0.1842 | 4006 |
| 8 chrC1.107051G | A | 0.1474 | 4004 |
| 8 chrC1.107185A | C | 0.08133 | 3996 |
| 8 chrC1.107221G | A | 0.4432 | 3996 |
| 8 chrC1.107267A | G | 0.04668 | 3942 |
| 8 chrC1.107335A | G | 0.1308 | 3936 |
| 8 chrC1.107371A | G | 0.2218 | 4004 |
| 8 chrC1.107398A | G | 0.2746 | 4006 |
| 8 chrC1.107437G | A | 0.1342 | 4002 |
| 8 chrC1.107484A | G | 0.4404 | 3996 |
| 8 chrC1.107520A | G | 0.2366 | 3648 |
| 8 chrC1.107595G | A | 0.2495 | 4000 |
| 8 chrC1.107622G | A | 0.4373 | 4000 |
| 8 chrC1.107658A | G | 0.3039 | 3906 |
| 8 chrUn.101111A | G | 0.3994 | 3988 |
| 8 chrC1.107718G | A | 0.3368 | 4002 |
| 8 chrC1.107720A | G | 0.01771 | 4008 |
| 8 chrC1.107764G | A | 0.158 | 3994 |
| 8 chrC1.107807A | G | 0.234 | 3988 |
| 8 chrC1.107854A | G | 0.09675 | 4000 |
| 8 chrC1.107888A | G | 0.03338 | 3984 |
| 8 chrC1.107923G | A | 0.3883 | 3974 |
| 8 chrC1.107951A | G | 0.04236 | 3942 |
| 8 chrC1.107964C | A | 0.411 | 4002 |
| 8 chrC1.108003A | G | 0.02832 | 3990 |
| 8 chrC1.108045A | G | 0.1223 | 3982 |
| 8 chrC1.108079C | A | 0.01477 | 3792 |
| 8 chrC1.108106G | A | 0.005489 | 4008 |
| 8 chrC1.108136G | A | 0.3073 | 3996 |
| 8 chrC1.108216A | G | 0.2718 | 3992 |
| 8 chrC1.108277C | A | 0.2641 | 3984 |
| 8 chrC1.108320A | C | 0.1638 | 3986 |
| 8 chrC1.108364G | A | 0.3449 | 3990 |
| 8 chrC1.108392G | A | 0.3063 | 4006 |
| 8 chrC1.108431A | G | 0.2272 | 3724 |
| 8 chrC1.108459G | A | 0.1874 | 3996 |
| 8 chrC1.108483G | A | 0.1967 | 4002 |
| 8 chrC1.108513A | G | 0.01895 | 4010 |
| 8 chrC1.108547A | G | 0.2783 | 4006 |
| 8 chrC1.108571G | A | 0.4593 | 4002 |

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| 8 chrC1.108614G | A | 0.1248 | 4000 |
| 8 chrC1.108668A | G | 0.06762 | 3786 |
| 8 chrC1.108719A | G | 0.4361 | 3976 |
| 8 chrC1.108753G | A | 0.2424 | 3928 |
| 8 chrC1.108838G | A | 0.2396 | 3894 |
| 8 chrC1.108872A | G | 0.4343 | 4004 |
| 8 chrC1.108909A | G | 0.4564 | 3900 |
| 8 chrC1.108993G | A | 0.4168 | 4004 |
| 8 chrC1.109027A | G | 0.4453 | 3948 |
| 8 chrC1.109081G | A | 0.442 | 3998 |
| 8 chrC1.109133A | G | 0.4865 | 4000 |
| 8 chrC1.109219G | A | 0.1772 | 4006 |
| 8 chrC1.109162G | A | 0.1665 | 4006 |
| 8 chrC1.109275C | A | 0.429 | 3988 |
| 8 chrC1.109305 | 0 G | 0 | 4010 |
| 8 chrC1.109337G | A | 0.03074 | 3806 |
| 8 chrC1.109367G | A | 0.4737 | 3988 |
| 8 chrC1.109414G | A | 0.4927 | 3982 |
| 8 chrC1.109474A | G | 0.2058 | 3950 |
| 8 chrC1.109509A | G | 0.3027 | 3998 |
| 8 chrC1.109547G | A | 0.4066 | 3994 |
| 8 chrC1.109578A | G | 0.2545 | 4004 |
| 8 chrC1.109645A | G | 0.1467 | 3960 |
| 8 chrC1.109708C | A | 0.1134 | 3996 |
| 8 chrC1.109734A | C | 0.1411 | 3998 |
| 8 chrC1.109788A | G | 0.2551 | 4002 |
| 8 chrC1.109861A | G | 0.07219 | 3920 |
| 8 chrC1.109893A | G | 0.3661 | 4004 |
| 8 chrC1.109931C | A | 0.4967 | 3978 |
| 8 chrC1.110016G | A | 0.03998 | 3752 |
| 8 chrC1.110039G | A | 0.09036 | 4006 |
| 8 chrC1.110080A | G | 0.4257 | 4000 |
| 8 chrUn6.23933G | A | 0.4137 | 4008 |
| 8 chrUn6.23594A | C | 0.1121 | 4006 |
| 8 chrUn6.23311A | C | 0.1747 | 4006 |
| 8 chrUn6.22989G | A | 0.3356 | 3996 |
| 8 chrUn6.22353A | G | 0.3329 | 4004 |
| 8 chrUn6.22090A | G | 0.1248 | 4008 |
| 8 chrUn6.21550A | G | 0.4468 | 3986 |
| 8 chrUn6.21141A | G | 0.2736 | 4002 |
| 8 chrUn6.20883A | G | 0.367 | 4000 |

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| 8 chrUn6.20483 | C | A | 0.2238 | 4004 |
| 8 chrUn6.20447 | A | G | 0.1172 | 3976 |
| 8 chrUn6.20160 | A | G | 0.2956 | 3978 |
| 8 chrUn6.19023 | G | A | 0.09053 | 3866 |
| 8 chrUn6.18883 | G | A | 0.3239 | 3980 |
| 8 chrUn6.18821 | | 0 A | 0 | 4004 |
| 8 chrUn6.18471 | A | G | 0.2867 | 4004 |
| 8 chrUn6.18214 | A | C | 0.1318 | 3992 |
| 8 chrUn6.17667 | A | C | 0.1985 | 4000 |
| 8 chrUn6.17159 | A | G | 0.1395 | 3786 |
| 8 chrUn6.16790 | C | A | 0.1364 | 3980 |
| 8 chrUn6.16441 | A | G | 0.1106 | 4004 |
| 8 chrUn6.15880 | A | G | 0.1585 | 4006 |
| 8 chrUn6.15509 | A | G | 0.4425 | 4000 |
| 8 chrE3.733586 | G | A | 0.4118 | 4004 |
| 8 chrE3.733205 | A | G | 0.493 | 3996 |
| 8 chrE3.732770 | A | G | 0.2237 | 3996 |
| 8 chrE3.732147 | G | A | 0.221 | 4000 |
| 8 chrE3.731776 | A | G | 0.191 | 4006 |
| 8 chrE3.731649 | G | A | 0.4908 | 3920 |
| 8 chrE3.731142 | G | A | 0.287 | 3982 |
| 8 chrE3.730734 | A | G | 0.4606 | 3964 |
| 8 chrE3.729704 | A | C | 0.4775 | 3908 |
| 8 chrB2.395440 | A | T | 0.4197 | 3962 |
| 8 chrE3.728283 | A | G | 0.2228 | 3918 |
| 8 chrE3.727650 | G | A | 0.4685 | 3974 |
| 8 chrE3.726931 | G | A | 0.2431 | 4002 |
| 8 chrE3.726549 | G | A | 0.396 | 4000 |
| 8 chrE3.726064 | A | G | 0.1045 | 3990 |
| 8 chrE3.725204 | A | C | 0.3026 | 3972 |
| 8 chrE3.724785 | G | A | 0.1484 | 4002 |
| 8 chrE3.724366 | G | A | 0.4737 | 3998 |
| 8 chrE3.723985 | A | G | 0.3539 | 3996 |
| 8 chrUn17.6960 | G | A | 0.3137 | 3998 |
| 8 chrUn17.6937 | A | G | 0.2548 | 3996 |
| 8 chrUn17.6907 | A | G | 0.4755 | 3996 |
| 8 chrUn17.6847 | A | G | 0.0497 | 4004 |
| 8 chrUn17.6790 | A | G | 0.1677 | 3990 |
| 8 chrUn17.6750 | A | G | 0.3609 | 3996 |
| 8 chrUn17.6730 | A | G | 0.1995 | 4000 |
| 8 chrUn17.6610 | A | G | 0.08761 | 3698 |

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| 8 chrUn17.657:A | G | 0.02596 | 4006 |
| 8 chrUn17.651:A | G | 0.02774 | 4002 |
| 8 chrUn17.646:A | G | 0.00925 | 4000 |
| 8 chrUn17.643:A | G | 0.09685 | 4006 |
| 8 chrUn17.641:G | A | 0.3937 | 3978 |
| 8 chrUn17.631:C | A | 0.0625 | 3936 |
| 8 chrUn17.627: | 0 A | 0 | 4010 |
| 8 chrUn17.619:G | A | 0.06968 | 4004 |
| 8 chrUn17.615:A | G | 0.2223 | 3994 |
| 8 chrUn17.612:A | C | 0.1328 | 4006 |
| 8 chrUn17.605:A | G | 0.02572 | 4004 |
| 8 chrUn17.602:G | A | 0.02595 | 4008 |
| 8 chrUn17.599:G | A | 0.4374 | 3996 |
| 8 chrUn17.597:G | A | 0.1474 | 4004 |
| 8 chrUn17.592:G | A | 0.414 | 3998 |
| 8 chrUn17.587:A | G | 0.1528 | 4004 |
| 8 chrUn17.581:A | G | 0.05924 | 3984 |
| 8 chrUn.61493:A | G | 0.0002529 | 3954 |
| 8 chrUn17.577:G | A | 0.05644 | 4004 |
| 8 chrUn17.571:G | A | 0.3008 | 4006 |
| 8 chrUn17.568:A | G | 0.2855 | 3982 |
| 8 chrUn17.563:A | G | 0.4075 | 3990 |
| 8 chrUn17.559:G | A | 0.003801 | 3946 |
| 8 chrUn17.553:G | A | 0.3414 | 3984 |
| 8 chrUn17.547:G | A | 0.3001 | 3992 |
| 8 chrUn17.540:A | G | 0.2434 | 3986 |
| 8 chrUn17.537:G | A | 0.0967 | 4002 |
| 8 chrUn17.529:A | G | 0.1585 | 3994 |
| 8 chrUn17.526:A | G | 0.3851 | 4002 |
| 8 chrUn17.524:A | G | 0.2385 | 4004 |
| 8 chrUn17.518:G | A | 0.4906 | 3946 |
| 8 chrUn17.515:A | G | 0.1331 | 3998 |
| 8 chrUn17.504:C | A | 0.09336 | 4006 |
| 8 chrUn17.500:A | G | 0.4813 | 3960 |
| 8 chrUn17.491:C | A | 0.07143 | 4004 |
| 8 chrUn17.346:A | G | 0.4121 | 4004 |
| 8 chrUn17.475:A | G | 0.08653 | 4010 |
| 8 chrUn17.471:G | A | 0.2546 | 3998 |
| 8 chrUn17.465:A | C | 0.08653 | 3698 |
| 8 chrUn17.462:G | A | 0.4675 | 4004 |
| 8 chrUn17.459:A | G | 0.456 | 4002 |

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| 8 chrUn17.455 | G | A | 0.3629 | 3952 |
| 8 chrUn17.449 | T | 0 A | 0 | 4004 |
| 8 chrUn17.448 | A | G | 0.2475 | 3996 |
| 8 chrUn17.440 | T | G | 0.09499 | 3990 |
| 8 chrUn17.405 | A | A | 0.4249 | 3996 |
| 8 chrUn17.400 | T | G | 0.3708 | 3994 |
| 8 chrUn17.348 | T | G | 0.1001 | 4006 |
| 8 chrUn17.384 | T | G | 0.2322 | 4000 |
| 8 chrUn17.377 | T | G | 0.3807 | 4000 |
| 8 chrUn.35801 | T | G | 0.4593 | 3832 |
| 8 chrX.947451 | T | G | 0.1445 | 3896 |
| 8 chrUn17.354 | A | A | 0.03996 | 4004 |
| 8 chrC1.11010 | T | C | 0.1147 | 4002 |
| 8 chrC1.11018 | A | G | 0.05048 | 3962 |
| 8 chrC1.11022 | T | G | 0.3794 | 3988 |
| 8 chrC1.11026 | T | G | 0.4387 | 3996 |
| 8 chrUn.51628 | T | G | 0.04115 | 4010 |
| 8 chrC1.11027 | T | G | 0.491 | 4008 |
| 8 chrC1.11029 | T | C | 0.1937 | 3970 |
| 8 chrC1.11033 | T | G | 0.2566 | 4002 |
| 8 chrC1.11037 | T | G | 0.3891 | 3996 |
| 8 chrC1.11041 | T | G | 0.3216 | 3996 |
| 8 chrC1.11045 | T | G | 0.398 | 4000 |
| 8 chrC1.11047 | T | G | 0.2214 | 3934 |
| 8 chrC1.11050 | A | G | 0.4275 | 4000 |
| 8 chrC1.11053 | T | G | 0.006122 | 3920 |
| 8 chrC1.11058 | T | C | 0.3036 | 4008 |
| 8 chrC1.11064 | T | G | 0.3659 | 3922 |
| 8 chrC1.11066 | T | G | 0.3043 | 3980 |
| 8 chrC1.11071 | T | G | 0.3549 | 3984 |
| 8 chrC1.11075 | T | G | 0.3759 | 3996 |
| 8 chrC1.11078 | T | G | 0.08347 | 3762 |
| 8 chrC1.11084 | T | G | 0.053 | 4000 |
| 8 chrC1.11086 | T | G | 0.3244 | 3986 |
| 8 chrC1.11089 | T | G | 0.0135 | 3852 |
| 8 chrC1.11094 | T | G | 0.1781 | 3964 |
| 8 chrC1.11101 | T | G | 0.4832 | 3986 |
| 8 chrC1.11104 | T | G | 0.1717 | 4006 |
| 8 chrC1.11108 | T | G | 0.2424 | 4002 |
| 8 chrC1.11115 | T | G | 0.2174 | 3970 |
| 8 chrC1.11122 | T | G | 0.1138 | 3982 |

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| 8 chrC1.111333G | A | 0.1807 | 4002 |
| 8 chrC1.111375A | G | 0.2858 | 4010 |
| 8 chrC1.111513A | G | 0.02122 | 4006 |
| 8 chrC1.111552G | A | 0.4995 | 3956 |
| 8 chrC1.111602A | G | 0.264 | 3988 |
| 8 chrC1.111712G | A | 0.1605 | 4000 |
| 8 chrC1.111788A | G | 0.1972 | 4006 |
| 8 chrC1.111822A | G | 0.2719 | 4002 |
| 8 chrC1.111901G | A | 0.4549 | 3944 |
| 8 chrC1.112014A | G | 0.1303 | 3914 |
| 8 chrC1.112064A | G | 0.1031 | 4006 |
| 8 chrC1.112091G | A | 0.1781 | 4008 |
| 8 chrC1.112120G | A | 0.2107 | 3972 |
| 8 chrC1.112130G | A | 0.01147 | 4010 |
| 8 chrC1.112162G | A | 0.4586 | 3982 |
| 8 chrC1.112192G | A | 0.3011 | 3956 |
| 8 chrC1.112260A | G | 0.1032 | 3876 |
| 8 chrC1.112341C | A | 0.4442 | 3996 |
| 8 chrC1.112368A | G | 0.3841 | 3994 |
| 8 chrC1.112439A | G | 0.1266 | 3996 |
| 8 chrC1.112481G | A | 0.3187 | 4000 |
| 8 chrC1.112522A | G | 0.4717 | 3998 |
| 8 chrC1.112554A | G | 0.1359 | 4010 |
| 8 chrC1.112589A | G | 0.1784 | 4002 |
| 8 chrC1.112625A | G | 0.445 | 3998 |
| 8 chrC1.112755A | G | 0.1359 | 3996 |
| 8 chrC1.112767A | G | 0.0009985 | 4006 |
| 8 chrC1.112800G | A | 0.4496 | 3992 |
| 8 chrC1.112865G | A | 0.006743 | 4004 |
| 8 chrC1.112911A | G | 0.06768 | 4004 |
| 8 chrC1.112945G | A | 0.4955 | 4000 |
| 8 chrC1.112976A | G | 0.2035 | 3996 |
| 8 chrC1.113000A | G | 0.07375 | 4000 |
| 8 chrC1.113032A | G | 0.2787 | 4004 |
| 8 chrC1.113066G | A | 0.3037 | 3994 |
| 8 chrC1.113128A | C | 0.0959 | 4004 |
| 8 chrC1.113161A | G | 0.3507 | 3998 |
| 8 chrC1.113189G | A | 0.08062 | 3994 |
| 8 chrC1.113190G | A | 0.488 | 4002 |
| 8 chrC1.113233A | C | 0.4429 | 3994 |
| 8 chrC1.113279G | A | 0.3903 | 3982 |

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| 8 chrC1.113335C | A | 0.09655 | 3998 |
| 8 chrC1.113367G | A | 0.2421 | 3994 |
| 8 chrC1.113409G | A | 0.2323 | 3994 |
| 8 chrC1.113460A | C | 0.4712 | 3996 |
| 8 chrC1.113505C | A | 0.327 | 4000 |
| 8 chrC1.113547A | G | 0.07664 | 4006 |
| 8 chrC1.113553A | G | 0.4732 | 3998 |
| 8 chrC1.113604A | C | 0.07854 | 3998 |
| 8 chrC1.113629G | A | 0.2146 | 3970 |
| 8 chrC1.113676G | A | 0.4124 | 3994 |
| 8 chrC1.113701C | A | 0.4345 | 4002 |
| 8 chrC1.113812A | G | 0.1843 | 3998 |
| 8 chrC1.113897G | A | 0.1707 | 4002 |
| 8 chrC1.113910C | A | 0.1453 | 3998 |
| 8 chrC1.113953A | G | 0.1392 | 3994 |
| 8 chrC1.114029G | A | 0.1641 | 4010 |
| 8 chrC1.114092A | G | 0.3922 | 3988 |
| 8 chrC1.114122C | A | 0.2148 | 3980 |
| 8 chrC1.114177A | G | 0.259 | 4004 |
| 8 chrC1.114212A | G | 0.2204 | 4006 |
| 8 chrC1.114252G | A | 0.1465 | 4006 |
| 8 chrC1.114312G | A | 0.452 | 3918 |
| 8 chrC1.114346A | G | 0.085 | 4000 |
| 8 chrC1.114379G | A | 0.3953 | 4002 |
| 8 chrC1.114404G | A | 0.4067 | 3924 |
| 8 chrC1.114463A | C | 0.213 | 3910 |
| 8 chrC1.114490G | A | 0.04346 | 4004 |
| 8 chrC1.114534G | A | 0.03247 | 4004 |
| 8 chrC1.114563A | G | 0.162 | 3926 |
| 8 chrC1.114608G | A | 0.1737 | 4002 |
| 8 chrC1.114655G | A | 0.1316 | 4004 |
| 8 chrC1.114758G | A | 0.3878 | 3956 |
| 8 chrC1.114844G | A | 0.07464 | 4006 |
| 8 chrC1.114849G | A | 0.367 | 3992 |
| 8 chrC1.114949C | A | 0.2657 | 4004 |
| 8 chrC1.114991G | A | 0.3734 | 3996 |
| 8 chrC1.115018C | A | 0.1671 | 3998 |
| 8 chrC1.115067G | A | 0.26 | 3984 |
| 8 chrC1.115099A | G | 0.1211 | 4004 |
| 8 chrC1.115166G | A | 0.4973 | 4000 |
| 8 chrC1.115276G | A | 0.3114 | 3998 |

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| 8 chrC1.115304A | G | 0.1021 | 4006 |
| 8 chrC1.115361A | G | 0.2725 | 3882 |
| 8 chrC1.115392A | G | 0.1438 | 4006 |
| 8 chrC1.115420C | A | 0.1751 | 3998 |
| 8 chrC1.115468A | G | 0.2231 | 3980 |
| 8 chrC1.115497A | G | 0.07039 | 3836 |
| 8 chrC1.115571G | A | 0.1398 | 3978 |
| 8 chrC1.115614 | 0 A | 0 | 4006 |
| 8 chrC1.115615G | A | 0.2616 | 4002 |
| 8 chrUn.447154A | G | 0.441 | 3998 |
| 8 chrC1.115682G | A | 0.08843 | 3992 |
| 8 chrC1.115725A | C | 0.01148 | 4008 |
| 8 chrC1.115771A | G | 0.1403 | 3998 |
| 8 chrC1.115813A | G | 0.3313 | 3960 |
| 8 chrC1.115852A | G | 0.442 | 3998 |
| 8 chrUn.416010C | A | 0.07862 | 3994 |
| 8 chrC1.115888G | A | 0.4978 | 4006 |
| 8 chrC1.115922A | G | 0.2034 | 3998 |
| 8 chrC1.115949G | A | 0.03493 | 4008 |
| 8 chrC1.116033G | A | 0.1199 | 4004 |
| 8 chrC1.116064A | G | 0.3301 | 3944 |
| 8 chrC1.116123A | G | 0.184 | 4010 |
| 8 chrC1.116267A | G | 0.0384 | 4010 |
| 8 chrC1.116293G | A | 0.1607 | 3996 |
| 8 chrC1.116337A | G | 0.4942 | 3942 |
| 8 chrC1.116378G | A | 0.3523 | 4000 |
| 8 chrC1.116414A | G | 0.1207 | 4002 |
| 8 chrC1.116464G | A | 0.418 | 4000 |
| 8 chrC1.116573A | G | 0.1449 | 4004 |
| 8 chrC1.116515A | G | 0.4181 | 4004 |
| 8 chrC1.116544A | G | 0.09935 | 4006 |
| 8 chrC1.116597G | A | 0.2212 | 4010 |
| 8 chrC1.116724A | G | 0.2911 | 3998 |
| 8 chrC1.116771A | G | 0.01909 | 3614 |
| 8 chrC1.117100A | G | 0.02968 | 4010 |
| 8 chrC1.116871G | A | 0.1587 | 3996 |
| 8 chrC1.116928G | A | 0.3979 | 4006 |
| 8 chrC1.117016G | A | 0.2204 | 3998 |
| 8 chrC1.117357G | A | 0.1638 | 4000 |
| 8 chrC1.117372G | A | 0.1067 | 4002 |
| 8 chrC1.117389A | G | 0.2442 | 4000 |

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| 8 chrC1.117455G | A | 0.02391 | 3848 |
| 8 chrC1.117504C | A | 0.3348 | 3994 |
| 8 chrC1.117564G | A | 0.3031 | 4008 |
| 8 chrC1.117629A | G | 0.05544 | 4004 |
| 8 chrC1.117664A | C | 0.0007489 | 4006 |
| 8 chrC1.117699G | A | 0.03896 | 4004 |
| 8 chrC1.117745A | G | 0.1424 | 3974 |
| 8 chrC1.117804G | A | 0.1215 | 3968 |
| 8 chrC1.117808 | 0 G | 0 | 4010 |
| 8 chrC1.117883G | A | 0.1835 | 4006 |
| 8 chrC1.117941G | A | 0.1211 | 4006 |
| 8 chrC1.118056G | A | 0.2644 | 4002 |
| 8 chrC1.118099G | A | 0.205 | 4004 |
| 8 chrC1.118184G | A | 0.2419 | 3994 |
| 8 chrC1.118217A | G | 0.07511 | 3994 |
| 8 chrC1.118241A | G | 0.2234 | 3992 |
| 8 chrC1.118328A | G | 0.06081 | 3996 |
| 8 chrC1.118370A | G | 0.1115 | 3604 |
| 8 chrC1.118419G | A | 0.2717 | 3982 |
| 8 chrC1.118445A | G | 0.09805 | 4008 |
| 8 chrC1.118494A | G | 0.05042 | 4006 |
| 8 chrC1.118537G | A | 0.1531 | 4004 |
| 8 chrC1.118565C | A | 0.05503 | 3998 |
| 8 chrC1.118598C | A | 0.3168 | 3974 |
| 8 chrC1.118650A | G | 0.2067 | 4006 |
| 8 chrC1.118803A | G | 0.00524 | 4008 |
| 8 chrC1.118764A | G | 0.491 | 4004 |
| 8 chrC1.118847A | G | 0.2072 | 4006 |
| 8 chrC1.118879A | G | 0.485 | 4000 |
| 8 chrC1.118907A | G | 0.00524 | 4008 |
| 8 chrC1.118964C | A | 0.498 | 4002 |
| 8 chrC1.119111G | A | 0.4675 | 3994 |
| 8 chrC1.119173G | A | 0.005261 | 3992 |
| 8 chrC1.119211A | G | 0.4366 | 4004 |
| 8 chrC1.119351G | A | 0.2549 | 3994 |
| 8 chrC1.119384G | A | 0.03686 | 3988 |
| 8 chrC1.119457A | G | 0.1893 | 4000 |
| 8 chrC1.119491A | G | 0.2395 | 4000 |
| 8 chrC1.119546C | A | 0.08379 | 3998 |
| 8 chrC1.119674A | G | 0.2178 | 3962 |
| 8 chrC1.119716G | A | 0.4293 | 4002 |

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| 8 chrC1.119744A | G | 0.08333 | 4008 |
| 8 chrC1.119771A | G | 0.2068 | 4004 |
| 8 chrC1.119800C | A | 0.323 | 3712 |
| 8 chrC1.119837A | G | 0.08462 | 4006 |
| 8 chrC1.119864A | G | 0.2867 | 4008 |
| 8 chrC1.119897A | G | 0.4592 | 4000 |
| 8 chrC1.119926A | G | 0.2099 | 3982 |
| 8 chrC1.119976A | G | 0.3332 | 4004 |
| 8 chrC1.120038G | A | 0.2145 | 3990 |
| 8 chrC1.120057A | G | 0.002255 | 3992 |
| 8 chrC1.120119C | A | 0.2735 | 3978 |
| 8 chrC1.120149G | A | 0.1655 | 4006 |
| 8 chrC1.120226G | A | 0.1519 | 3984 |
| 8 chrC1.120297C | A | 0.3909 | 3960 |
| 8 chrC1.120340A | G | 0.2227 | 4010 |
| 8 chrC1.120385A | G | 0.1614 | 3954 |
| 8 chrC1.120502G | A | 0.4992 | 4000 |
| 8 chrC1.120549G | A | 0.05422 | 4002 |
| 8 chrC1.120579A | G | 0.4949 | 3950 |
| 8 chrC1.120680G | A | 0.1917 | 4000 |
| 8 chrC1.120714G | A | 0.1919 | 4002 |
| 8 chrC1.120766A | G | 0.264 | 4008 |
| 8 chrC1.120821C | A | 0.416 | 3986 |
| 8 chrC1.120857C | A | 0.2558 | 3984 |
| 8 chrC1.120919A | G | 0.2249 | 4006 |
| 8 chrC1.120979A | C | 0.214 | 3892 |
| 8 chrC1.121009G | A | 0.2254 | 4002 |
| 8 chrC1.121011C | A | 0.006313 | 3960 |
| 8 chrC1.121049A | G | 0.3606 | 3988 |
| 8 chrC1.121179A | C | 0.2116 | 4008 |
| 8 chrC1.121200A | G | 0.1755 | 4000 |
| 8 chrC1.121258 | 0 G | 0 | 3958 |
| 8 chrC1.121322A | G | 0.003534 | 3962 |
| 8 chrC1.121361A | G | 0.2228 | 4000 |
| 8 chrC1.121390G | A | 0.3543 | 4000 |
| 8 chrC1.121471G | A | 0.2006 | 3974 |
| 8 chrC1.121557A | G | 0.07742 | 4004 |
| 8 chrC1.121641A | G | 0.051 | 4000 |
| 8 chrUn17.3578A | G | 0.1327 | 4008 |
| 8 chrUn17.3637G | A | 0.3709 | 3990 |
| 8 chrUn17.3670A | C | 0.0509 | 4008 |

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| 8 chrUn17.381:A | G | 0.0002498 | 4004 |
| 8 chrUn17.374:A | G | 0.08333 | 3948 |
| 8 chrUn17.372:C | A | 0.0004988 | 4010 |
| 8 chrUn17.398:G | A | 0.0242 | 4008 |
| 8 chrUn17.434:A | G | 0.1896 | 4004 |
| 8 chrUn17.437:A | G | 0.269 | 4000 |
| 8 chrX.8406834:A | G | 0.08021 | 4002 |
| 8 chrUn17.452:A | G | 0.4594 | 3994 |
| 8 chrUn17.478:A | G | 0.01062 | 3862 |
| 8 chrUn17.485:A | G | 0.4579 | 3992 |
| 8 chrUn17.493:A | C | 0.2103 | 3990 |
| 8 chrB1.129005:A | G | 0.3292 | 3916 |
| 8 chrB1.129038:A | G | 0.1976 | 3988 |
| 8 chrUn.45506:G | A | 0.0005028 | 3978 |
| 8 chrUn.45504:G | 0 G | 0 | 4010 |
| 8 chrUn19.128:A | C | 0.4265 | 4002 |
| 8 chrUn19.132:C | 0 C | 0 | 4010 |
| 8 chrUn19.134:A | G | 0.295 | 3986 |
| 8 chrUn19.146:A | G | 0.2418 | 4008 |
| 8 chrUn19.150:C | A | 0.2402 | 3980 |
| 8 chrUn19.154:A | C | 0.2188 | 4004 |
| 8 chrUn19.157:A | G | 0.2011 | 3934 |
| 8 chrUn19.160:G | A | 0.199 | 4006 |
| 8 chrUn19.166:C | A | 0.2063 | 3994 |
| 8 chrUn19.167:G | A | 0.003493 | 4008 |
| 8 chrUn19.172:A | G | 0.1983 | 4000 |
| 8 chrUn19.181:C | A | 0.0499 | 4008 |
| 8 chrUn19.177:A | G | 0.2756 | 3966 |
| 8 chrUn19.184:G | A | 0.275 | 4000 |
| 8 chrUn.84068:A | C | 0.2048 | 3994 |
| 8 chrC1.12172:C | A | 0.2519 | 4006 |
| 8 chrC1.12174:A | G | 0.2521 | 4010 |
| 8 chrC1.12184:A | G | 0.1704 | 3966 |
| 8 chrC1.12197:G | A | 0.455 | 4002 |
| 8 chrC1.12202:G | A | 0.1321 | 3928 |
| 8 chrC1.12207:G | A | 0.1756 | 3998 |
| 8 chrC1.12215:A | C | 0.2681 | 4006 |
| 8 chrC1.12177:G | C | 0.4942 | 3986 |
| 8 chrC1.12190:A | G | 0.2315 | 4008 |
| 8 chrC1.12193:G | A | 0.2318 | 4004 |
| 8 chrC1.12210:G | C | 0.2396 | 4002 |

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| 8 chrC1.122191A | G | 0.09175 | 4000 |
| 8 chrC1.122274A | G | 0.2155 | 4000 |
| 8 chrC1.122295 | 0 G | 0 | 4010 |
| 8 chrC1.122316A | G | 0.2978 | 4006 |
| 8 chrC1.122347A | C | 0.08583 | 4008 |
| 8 chrC1.122378A | G | 0.4062 | 4000 |
| 8 chrC1.122411C | A | 0.1705 | 4000 |
| 8 chrC1.122447A | G | 0.3715 | 4000 |
| 8 chrC1.122513A | G | 0.07357 | 4010 |
| 8 chrUn.377827G | A | 0.05518 | 3824 |
| 8 chrC1.122576A | C | 0.3753 | 3994 |
| 8 chrC1.122615A | G | 0.3867 | 3998 |
| 8 chrC1.122639A | G | 0.2336 | 3994 |
| 8 chrC1.122667A | G | 0.2141 | 3998 |
| 8 chrC1.122699A | G | 0.2327 | 4006 |
| 8 chrC1.122709A | G | 0.4609 | 3994 |
| 8 chrC1.122737G | A | 0.4613 | 4002 |
| 8 chrC1.122767A | G | 0.2885 | 3920 |
| 8 chrUn.146469A | G | 0.057 | 4000 |
| 8 chrC1.122851A | G | 0.2323 | 3994 |
| 8 chrC1.122876G | A | 0.07489 | 4006 |
| 8 chrC1.122938C | A | 0.1729 | 3986 |
| 8 chrC1.122975A | G | 0.1717 | 3938 |
| 8 chrC1.122998G | A | 0.3227 | 4004 |
| 8 chrC1.123020A | G | 0.08529 | 3998 |
| 8 chrC1.123048A | G | 0.2202 | 3996 |
| 8 chrC1.123076G | A | 0.3183 | 4002 |
| 8 chrC1.123127A | G | 0.1613 | 4010 |
| 8 chrC1.123173A | G | 0.16 | 4006 |
| 8 chrC1.123222A | G | 0.16 | 4000 |
| 8 chrC1.123256A | G | 0.3298 | 4002 |
| 8 chrC1.123295G | A | 0.2898 | 4000 |
| 8 chrC1.123436A | G | 0.2351 | 3998 |
| 8 chrC1.123495A | G | 0.0925 | 4000 |
| 8 chrC1.123525G | A | 0.3006 | 4002 |
| 8 chrC1.123611A | G | 0.2923 | 3876 |
| 8 chrC1.123649A | G | 0.4702 | 3992 |
| 8 chrC1.123720A | C | 0.443 | 4000 |
| 8 chrC1.123748G | A | 0.09721 | 3734 |
| 8 chrC1.123791G | A | 0.3505 | 3980 |
| 8 chrC1.123836G | A | 0.2984 | 4002 |

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| 8 chrC1.123867G | A | 0.2124 | 3974 |
| 8 chrC1.123920C | A | 0.04338 | 3988 |
| 8 chrC1.123948G | A | 0.08691 | 4004 |
| 8 chrC1.124023G | A | 0.08576 | 3988 |
| 8 chrC1.124037 | 0 A | 0 | 4008 |
| 8 chrC1.124071G | A | 0.06355 | 3934 |
| 8 chrC1.124110A | C | 0.4685 | 3970 |
| 8 chrC1.124146G | A | 0.468 | 4006 |
| 8 chrC1.124234A | G | 0.4684 | 3988 |
| 8 chrC1.124319C | A | 0.4868 | 4002 |
| 8 chrC1.124364G | A | 0.01008 | 3970 |
| 8 chrC1.124411A | G | 0.3212 | 3976 |
| 8 chrC1.124447A | G | 0.2945 | 4000 |
| 8 chrC1.124483A | C | 0.101 | 4008 |
| 8 chrC1.124521G | A | 0.02394 | 4010 |
| 8 chrC1.124559A | C | 0.3233 | 4006 |
| 8 chrC1.124592A | G | 0.1743 | 4000 |
| 8 chrC1.124654A | C | 0.3058 | 3980 |
| 8 chrC1.124720A | G | 0.3402 | 3960 |
| 8 chrC1.124785A | G | 0.1501 | 3970 |
| 8 chrC1.124831G | A | 0.4144 | 4006 |
| 8 chrC1.124844A | G | 0.2125 | 4010 |
| 8 chrC1.124979G | A | 0.3621 | 3982 |
| 8 chrC1.125041A | G | 0.1028 | 3998 |
| 8 chrC1.125066G | A | 0.262 | 4004 |
| 8 chrC1.125112G | A | 0.3047 | 3918 |
| 8 chrC1.125159A | G | 0.4857 | 3910 |
| 8 chrC1.125183G | A | 0.2756 | 3998 |
| 8 chrC1.125237A | C | 0.2427 | 4000 |
| 8 chrC1.125306A | G | 0.1464 | 4002 |
| 8 chrC1.125404A | C | 0.1068 | 4008 |
| 8 chrC1.125450A | G | 0.2345 | 3992 |
| 8 chrC1.125490A | G | 0.1203 | 3998 |
| 8 chrC1.125529G | A | 0.0895 | 4000 |
| 8 chrC1.125562A | G | 0.1732 | 4002 |
| 8 chrC1.125588C | A | 0.04124 | 3904 |
| 8 chrC1.125624G | A | 0.2586 | 3990 |
| 8 chrC1.125638G | A | 0.1892 | 3996 |
| 8 chrC1.125667G | A | 0.3189 | 3860 |
| 8 chrC1.125708 | 0 G | 0 | 4006 |
| 8 chrC1.125772A | G | 0.2966 | 3952 |

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| 8 chrC1.125849A | C | 0.4398 | 4004 |
| 8 chrUn.176037A | G | 0.4491 | 4004 |
| 8 chrC1.125895G | A | 0.04888 | 4010 |
| 8 chrC1.125930A | G | 0.2679 | 4002 |
| 8 chrC1.125966A | G | 0.1675 | 3952 |
| 8 chrC1.126006A | G | 0.07821 | 4002 |
| 8 chrC1.126036A | G | 0.08974 | 3978 |
| 8 chrC1.126073G | A | 0.1163 | 3998 |
| 8 chrC1.126102G | A | 0.2717 | 3938 |
| 8 chrC1.126137C | A | 0.1138 | 3612 |
| 8 chrC1.126177A | G | 0.1395 | 4000 |
| 8 chrC1.126247A | G | 0.0497 | 4004 |
| 8 chrC1.126307A | G | 0.09311 | 4006 |
| 8 chrC1.126335A | C | 0.09161 | 3908 |
| 8 chrC1.126378G | A | 0.07903 | 3986 |
| 8 chrC1.126432A | G | 0.1355 | 4006 |
| 8 chrC1.126433A | G | 0.2459 | 3924 |
| 8 chrA2.124775A | G | 0.1158 | 3980 |
| 8 chrC1.126473A | G | 0.2461 | 3978 |
| 8 chrC1.126502A | G | 0.1277 | 4002 |
| 8 chrC1.126552A | G | 0.1512 | 3988 |
| 8 chrC1.126701A | G | 0.06764 | 3992 |
| 8 chrC1.126713A | G | 0.2149 | 3992 |
| 8 chrC1.126726G | A | 0.2115 | 4004 |
| 8 chrC1.126793A | C | 0.3267 | 4000 |
| 8 chrC1.126817G | A | 0.3184 | 4004 |
| 8 chrC1.126863C | A | 0.1865 | 4000 |
| 8 chrC1.126906A | G | 0.08287 | 3958 |
| 8 chrC1.126947A | G | 0.2984 | 4002 |
| 8 chrC1.126976A | C | 0.469 | 4002 |
| 8 chrC1.127010G | A | 0.2193 | 3990 |
| 8 chrC1.127044G | A | 0.3399 | 3998 |
| 8 chrC1.127074G | A | 0.2156 | 4008 |
| 8 chrC1.127113A | G | 0.136 | 4000 |
| 8 chrC1.127150C | A | 0.4036 | 3942 |
| 8 chrC1.127194A | G | 0.3273 | 4000 |
| 8 chrC1.127308A | G | 0.1695 | 4006 |
| 8 chrC1.127364C | A | 0.222 | 4004 |
| 8 chrC1.127426C | A | 0.1439 | 3982 |
| 8 chrC1.127463G | A | 0.4497 | 3954 |
| 8 chrC1.127507G | A | 0.3891 | 4002 |

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| 8 chrC1.127544A | G | 0.2297 | 3826 |
| 8 chrC1.127597A | G | 0.2359 | 3984 |
| 8 chrC1.127624G | A | 0.1091 | 4006 |
| 8 chrC1.127681A | C | 0.1718 | 3982 |
| 8 chrC1.127698A | G | 0.2771 | 4006 |
| 8 chrC1.127721A | C | 0.2187 | 3988 |
| 8 chrC1.127774A | G | 0.2284 | 3980 |
| 8 chrC1.127825G | A | 0.2536 | 3994 |
| 8 chrC1.127865A | G | 0.3163 | 4000 |
| 8 chrC1.127871A | C | 0.08778 | 4010 |
| 8 chrC1.127911A | G | 0.1104 | 4004 |
| 8 chrC1.128008A | G | 0.3741 | 3972 |
| 8 chrC1.128035G | A | 0.08679 | 3998 |
| 8 chrC1.128125A | C | 0.4288 | 3990 |
| 8 chrC1.128189A | G | 0.1595 | 3976 |
| 8 chrC1.128196G | A | 0.4438 | 4006 |
| 8 chrC1.128222A | G | 0.3239 | 3980 |
| 8 chrC1.128308A | C | 0.4955 | 3984 |
| 8 chrC1.128388G | A | 0.08389 | 3922 |
| 8 chrC1.128441C | A | 0.02949 | 4002 |
| 8 chrC1.128491G | A | 0.1707 | 4008 |
| 8 chrC1.128579G | A | 0.2006 | 4008 |
| 8 chrC1.128604G | A | 0.05863 | 4008 |
| 8 chrC1.128657A | G | 0.4514 | 3990 |
| 8 chrC1.128705G | A | 0.3163 | 3996 |
| 8 chrC1.128741A | G | 0.08704 | 3998 |
| 8 chrC1.128792A | C | 0.02943 | 4010 |
| 8 chrC1.128833G | A | 0.07891 | 3992 |
| 8 chrC1.128870A | G | 0.3287 | 4000 |
| 8 chrC1.128950A | G | 0.04823 | 4002 |
| 8 chrC1.128976A | G | 0.4997 | 3994 |
| 8 chrC1.129025A | G | 0.3869 | 3996 |
| 8 chrC1.129098A | C | 0.2648 | 3976 |
| 8 chrC1.129125A | G | 0.2987 | 3980 |
| 8 chrC1.129153A | G | 0.1176 | 4004 |
| 8 chrC1.129187A | G | 0.2278 | 4004 |
| 8 chrC1.129215A | G | 0.1373 | 3978 |
| 8 chrC1.129243G | A | 0.2776 | 4006 |
| 8 chrC1.129269A | G | 0.3646 | 3958 |
| 8 chrC1.129316G | A | 0.05987 | 3892 |
| 8 chrC1.129425A | G | 0.4661 | 3980 |

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| 8 chrC1.129454C | A | 0.2311 | 3998 |
| 8 chrC1.129481G | A | 0.4322 | 3984 |
| 8 chrC1.129496G | A | 0.2633 | 3992 |
| 8 chrC1.129538A | G | 0.4656 | 3980 |
| 8 chrC1.129575G | A | 0.147 | 3992 |
| 8 chrC1.129602A | G | 0.4527 | 3992 |
| 8 chrC1.129662A | G | 0.3894 | 3998 |
| 8 chrC1.129691A | G | 0.1497 | 4002 |
| 8 chrC1.129744C | A | 0.2787 | 4008 |
| 8 chrC1.129793A | G | 0.2903 | 3954 |
| 8 chrC1.129830A | G | 0.2993 | 3996 |
| 8 chrC1.129871G | A | 0.07154 | 3998 |
| 8 chrC1.129899A | G | 0.1366 | 4004 |
| 8 chrC1.129930G | A | 0.1907 | 3996 |
| 8 chrC1.129974C | A | 0.1859 | 3996 |
| 8 chrC1.130003A | G | 0.3504 | 4004 |
| 8 chrC1.130101A | G | 0.111 | 3992 |
| 8 chrC1.130150A | G | 0.1983 | 3998 |
| 8 chrC1.130273A | G | 0.434 | 4000 |
| 8 chrC1.130356A | G | 0.1974 | 4002 |
| 8 chrC1.130467G | A | 0.3559 | 3804 |
| 8 chrC1.130499A | G | 0.2634 | 3978 |
| 8 chrUn15.2394A | G | 0.4872 | 3994 |
| 8 chrC1.130571A | C | 0.1009 | 4004 |
| 8 chrC1.130641A | G | 0.125 | 4008 |
| 8 chrC1.130693A | G | 0.3095 | 3978 |
| 8 chrC1.130717A | G | 0.212 | 3920 |
| 8 chrC1.130771C | A | 0.1358 | 4006 |
| 8 chrC1.130799A | G | 0.006684 | 3890 |
| 8 chrC1.130922A | G | 0.2945 | 4000 |
| 8 chrC1.130982G | A | 0.1232 | 3986 |
| 8 chrC1.131007G | A | 0.03842 | 4008 |
| 8 chrC1.131088A | G | 0.124 | 4008 |
| 8 chrC1.131168A | G | 0.121 | 4008 |
| 8 chrC1.131195A | G | 0.007485 | 4008 |
| 8 chrC1.131230G | A | 0.2089 | 4002 |
| 8 chrC1.131290A | G | 0.3357 | 3998 |
| 8 chrC1.131318A | G | 0.0996 | 4006 |
| 8 chrC1.131442A | G | 0.4289 | 3992 |
| 8 chrC1.131476G | A | 0.085 | 4000 |
| 8 chrC1.131521C | A | 0.311 | 4000 |

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| 8 chrC1.131548G | A | 0.4075 | 4002 |
| 8 chrC1.131591G | A | 0.4171 | 3980 |
| 8 chrC1.131628G | A | 0.1557 | 3994 |
| 8 chrC1.131654A | G | 0.1036 | 3782 |
| 8 chrC1.131685A | C | 0.203 | 4004 |
| 8 chrC1.131723A | G | 0.1212 | 3992 |
| 8 chrC1.131752C | A | 0.176 | 4000 |
| 8 chrC1.131776G | A | 0.1646 | 3986 |
| 8 chrC1.131802A | G | 0.06329 | 3966 |
| 8 chrC1.131838G | A | 0.3433 | 4002 |
| 8 chrC1.131893A | C | 0.3821 | 3996 |
| 8 chrC1.131940G | A | 0.3937 | 3988 |
| 8 chrC1.131991G | A | 0.06515 | 3868 |
| 8 chrC1.132060A | G | 0.4073 | 3938 |
| 8 chrC1.132123A | G | 0.1762 | 4002 |
| 8 chrC1.132152A | G | 0.1464 | 3990 |
| 8 chrC1.132193G | A | 0.1682 | 4002 |
| 8 chrC1.132203G | A | 0.1638 | 3932 |
| 8 chrC1.132250G | A | 0.3072 | 3854 |
| 8 chrC1.132288A | G | 0.2172 | 3996 |
| 8 chrC1.132315A | G | 0.298 | 3980 |
| 8 chrC1.132380G | A | 0.01197 | 4010 |
| 8 chrC1.132424A | G | 0.3299 | 3928 |
| 8 chrC1.132450G | A | 0.4023 | 3878 |
| 8 chrC1.132487G | A | 0.2432 | 4000 |
| 8 chrC1.132518A | G | 0.1789 | 4002 |
| 8 chrC1.132542A | G | 0.3994 | 3916 |
| 8 chrC1.132675C | A | 0.1519 | 4010 |
| 8 chrC1.132703A | G | 0.09149 | 3782 |
| 8 chrC1.132733A | G | 0.1901 | 3998 |
| 8 chrC1.132775G | A | 0.3918 | 4002 |
| 8 chrC1.132831G | A | 0.3832 | 4000 |
| 8 chrC1.132883A | G | 0.003541 | 3954 |
| 8 chrC1.132915A | G | 0.008024 | 3988 |
| 8 chrUn.125048A | G | 0.2491 | 4006 |
| 8 chrC1.121815G | A | 0.495 | 3992 |
| 8 chrC1.132987G | A | 0.4488 | 3988 |
| 8 chrC1.133014G | A | 0.487 | 4004 |
| 8 chrC1.133031A | G | 0.2613 | 3996 |
| 8 chrC1.133042A | G | 0.1423 | 3998 |
| 8 chrC1.133067A | G | 0.1705 | 3994 |

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| 8 chrC1.133113A | C | 0.2601 | 3998 |
| 8 chrC1.133209G | A | 0.09341 | 4004 |
| 8 chrC1.133243A | G | 0.1158 | 3662 |
| 8 chrC1.133280G | A | 0.0247 | 4008 |
| 8 chrC1.133318A | G | 0.1676 | 4004 |
| 8 chrC1.133347A | G | 0.4477 | 3976 |
| 8 chrC1.133394A | G | 0.1274 | 4004 |
| 8 chrC1.133446G | A | 0.3253 | 3944 |
| 8 chrC1.133481G | A | 0.07504 | 3998 |
| 8 chrC1.133538C | A | 0.03056 | 3632 |
| 8 chrC1.133585C | A | 0.2325 | 4004 |
| 8 chrC1.133636A | C | 0.1458 | 4006 |
| 8 chrC1.133692A | G | 0.2443 | 3974 |
| 8 chrC1.133728G | A | 0.1478 | 3924 |
| 8 chrC1.133762A | C | 0.3912 | 4000 |
| 8 chrC1.133851A | G | 0.2727 | 3982 |
| 8 chrC1.133917G | A | 0.1425 | 4006 |
| 8 chrC1.134060C | A | 0.1901 | 3746 |
| 8 chrC1.134111G | A | 0.2019 | 3988 |
| 8 chrC1.134135A | G | 0.07948 | 3938 |
| 8 chrC1.134214G | A | 0.4243 | 4004 |
| 8 chrC1.134276A | G | 0.4355 | 3998 |
| 8 chrC1.134301G | A | 0.3669 | 3998 |
| 8 chrC1.134326A | G | 0.2559 | 3962 |
| 8 chrC1.134391A | G | 0.009464 | 3804 |
| 8 chrC1.134364G | A | 0.355 | 4008 |
| 8 chrC1.134460A | G | 0.4614 | 3988 |
| 8 chrC1.134575A | G | 0.4828 | 3962 |
| 8 chrC1.134627G | A | 0.03117 | 4010 |
| 8 chrC1.134689A | G | 0.08012 | 3994 |
| 8 chrC1.134735A | G | 0.1119 | 4004 |
| 8 chrC1.134807A | G | 0.3733 | 3986 |
| 8 chrC1.134875A | G | 0.3725 | 3976 |
| 8 chrC1.134935A | C | 0.1907 | 4006 |
| 8 chrC1.134971A | G | 0.4195 | 3998 |
| 8 chrC1.135018C | A | 0.4872 | 4000 |
| 8 chrC1.135068A | G | 0.1458 | 3964 |
| 8 chrC1.135123A | C | 0.3014 | 3998 |
| 8 chrC1.135172A | G | 0.1442 | 4008 |
| 8 chrC1.135223A | G | 0.3362 | 3998 |
| 8 chrC1.135292G | A | 0.15 | 3980 |

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| 8 chrC1.135353A | G | 0.1502 | 3988 |
| 8 chrC1.135384G | A | 0.4316 | 4004 |
| 8 chrC1.135412G | A | 0.421 | 3998 |
| 8 chrC1.135424A | G | 0.2375 | 4000 |
| 8 chrC1.135447A | G | 0.4159 | 3984 |
| 8 chrC1.135520A | G | 0.171 | 4006 |
| 8 chrC1.135578A | G | 0.08234 | 4008 |
| 8 chrC1.135632A | G | 0.3144 | 3998 |
| 8 chrC1.135682G | A | 0.4514 | 3992 |
| 8 chrC1.135707A | G | 0.3798 | 4002 |
| 8 chrC1.135734A | G | 0.002758 | 3988 |
| 8 chrC1.135793A | G | 0.1161 | 3754 |
| 8 chrC1.135854A | G | 0.2928 | 3972 |
| 8 chrC1.135899C | A | 0.2354 | 3984 |
| 8 chrC1.135944 | 0 C | 0 | 4006 |
| 8 chrC1.135953A | G | 0.1689 | 3984 |
| 8 chrC1.136049G | A | 0.3922 | 4008 |
| 8 chrC1.136113G | A | 0.2196 | 3980 |
| 8 chrC1.136165A | G | 0.2111 | 3998 |
| 8 chrC1.136175A | C | 0.08687 | 4006 |
| 8 chrC1.136222A | G | 0.2121 | 4002 |
| 8 chrC1.136192G | A | 0.3777 | 4006 |
| 8 chrC1.136250A | G | 0.4218 | 4002 |
| 8 chrC1.136275A | G | 0.451 | 3998 |
| 8 chrC1.136302A | G | 0.07984 | 4008 |
| 8 chrC1.136343G | A | 0.0292 | 3802 |
| 8 chrC1.136400A | G | 0.2619 | 4002 |
| 8 chrC1.136425C | A | 0.1794 | 3790 |
| 8 chrC1.136481A | G | 0.3499 | 3990 |
| 8 chrC1.136518G | A | 0.3476 | 3800 |
| 8 chrC1.136575G | A | 0.109 | 4000 |
| 8 chrC1.136635A | C | 0.2757 | 3820 |
| 8 chrC1.136699A | G | 0.2084 | 3988 |
| 8 chrC1.136728A | G | 0.2257 | 3988 |
| 8 chrC1.136840A | G | 0.294 | 3996 |
| 8 chrC1.136880A | C | 0.02781 | 3992 |
| 8 chrC1.136908G | A | 0.3288 | 3996 |
| 8 chrC1.136950A | G | 0.1156 | 3996 |
| 8 chrC1.136991G | A | 0.1246 | 4006 |
| 8 chrC1.137017A | G | 0.06198 | 3840 |
| 8 chrC1.137085A | C | 0.07017 | 3962 |

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| 8 chrC1.137148G | A | 0.3087 | 4010 |
| 8 chrC1.137177A | G | 0.02625 | 4000 |
| 8 chrC1.137215G | A | 0.4188 | 4004 |
| 8 chrC1.137245G | A | 0.04314 | 4010 |
| 8 chrC1.137261G | A | 0.2678 | 4006 |
| 8 chrC1.137295G | A | 0.1071 | 4004 |
| 8 chrC1.137385A | G | 0.219 | 3990 |
| 8 chrC1.137435A | C | 0.2779 | 3998 |
| 8 chrC1.137475A | C | 0.2118 | 3886 |
| 8 chrC1.137507G | A | 0.1417 | 3726 |
| 8 chrC1.137575G | A | 0.02572 | 4004 |
| 8 chrC1.137576G | A | 0.4885 | 4002 |
| 8 chrC1.137645A | G | 0.1023 | 4008 |
| 8 chrC1.137671A | G | 0.1983 | 3998 |
| 8 chrC1.137690C | A | 0.00546 | 3846 |
| 8 chrC1.137731C | A | 0.05791 | 3782 |
| 8 chrC1.137781C | A | 0.3534 | 3834 |
| 8 chrC1.137824C | A | 0.195 | 4006 |
| 8 chrC1.137970A | G | 0.04389 | 4010 |
| 8 chrC1.137996C | A | 0.2151 | 3910 |
| 8 chrC1.138104A | C | 0.1292 | 3956 |
| 8 chrC1.138155G | A | 0.4347 | 3994 |
| 8 chrC1.138181A | G | 0.3721 | 3986 |
| 8 chrC1.138230A | C | 0.1771 | 3778 |
| 8 chrC1.138267G | A | 0.03316 | 3830 |
| 8 chrC1.138317G | A | 0.3132 | 3994 |
| 8 chrC1.138411A | G | 0.2123 | 4008 |
| 8 chrC1.138451G | A | 0.212 | 4004 |
| 8 chrC1.138516A | G | 0.09436 | 4006 |
| 8 chrC1.138568A | G | 0.1664 | 3984 |
| 8 chrC1.138611A | G | 0.2211 | 4008 |
| 8 chrC1.138661G | A | 0.2201 | 3998 |
| 8 chrC1.138695G | A | 0.08246 | 3990 |
| 8 chrC1.138736A | G | 0.08887 | 3916 |
| 8 chrC1.138775G | A | 0.0999 | 3974 |
| 8 chrC1.138816A | G | 0.1264 | 3994 |
| 8 chrC1.138915A | G | 0.07528 | 3972 |
| 8 chrC1.138960G | A | 0.1392 | 4002 |
| 8 chrC1.138994A | C | 0.1146 | 3944 |
| 8 chrC1.139024A | C | 0.4107 | 4008 |
| 8 chrC1.139115G | A | 0.004779 | 3976 |

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| 8 chrC1.139142G | A | 0.1077 | 4002 |
| 8 chrC1.139192C | A | 0.09015 | 3960 |
| 8 chrC1.139222C | A | 0.177 | 3994 |
| 8 chrC1.139247A | G | 0.2525 | 3988 |
| 8 chrC1.139294G | A | 0.09175 | 4000 |
| 8 chrC1.139334A | G | 0.4958 | 4002 |
| 8 chrC1.139376A | G | 0.0945 | 3852 |
| 8 chrC1.139401A | G | 0.08433 | 3996 |
| 8 chrC1.139427A | G | 0.108 | 4000 |
| 8 chrC1.139455A | G | 0.2247 | 3992 |
| 8 chrE2.259112A | G | 0.01498 | 4006 |
| 8 chrC1.139509G | A | 0.237 | 3996 |
| 8 chrC1.139542C | A | 0.4679 | 3992 |
| 8 chrC1.139575A | C | 0.1028 | 3980 |
| 8 chrC1.139640C | A | 0.06366 | 3896 |
| 8 chrC1.139712G | A | 0.08957 | 4008 |
| 8 chrC1.139757A | G | 0.2646 | 3994 |
| 8 chrC1.139792G | A | 0.08754 | 3964 |
| 8 chrC1.139845G | A | 0.02695 | 4008 |
| 8 chrC1.139954A | G | 0.08974 | 3978 |
| 8 chrC1.140038G | A | 0.04693 | 4006 |
| 8 chrC1.140066A | G | 0.2832 | 3994 |
| 8 chrC1.140103G | A | 0.4576 | 3964 |
| 8 chrC1.140159C | A | 0.1984 | 4002 |
| 8 chrC1.140255A | G | 0.1308 | 4006 |
| 8 chrC1.140316A | G | 0.2872 | 3994 |
| 8 chrC1.140354A | G | 0.05897 | 4002 |
| 8 chrC1.140492A | C | 0.2161 | 3988 |
| 8 chrC1.140553A | G | 0.3338 | 3978 |
| 8 chrC1.140599A | G | 0.0663 | 3982 |
| 8 chrC1.140624G | A | 0.1617 | 4000 |
| 8 chrC1.140627A | G | 0.0996 | 4006 |
| 8 chrC1.140654G | A | 0.006722 | 3868 |
| 8 chrC1.140683G | A | 0.398 | 3894 |
| 8 chrC1.140717G | A | 0.3521 | 4002 |
| 8 chrC1.140778A | C | 0.1239 | 3978 |
| 8 chrC1.140869A | G | 0.2772 | 3936 |
| 8 chrC1.140910A | G | 0.1802 | 3996 |
| 8 chrC1.141006A | G | 0.2546 | 4006 |
| 8 chrC1.141033C | A | 0.1758 | 4004 |
| 8 chrC1.141177G | A | 0.05664 | 4008 |

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| 8 chrC1.141231C | A | 0.1313 | 4000 |
| 8 chrC1.141270A | C | 0.1579 | 4002 |
| 8 chrC1.141316A | G | 0.4593 | 3984 |
| 8 chrUn.406147A | G | 0.4588 | 4002 |
| 8 chrC1.141381G | A | 0.24 | 4004 |
| 8 chrC1.141424A | G | 0.1537 | 4008 |
| 8 chrC1.141464A | G | 0.1759 | 4002 |
| 8 chrC1.141522G | A | 0.4683 | 4002 |
| 8 chrC1.141576G | A | 0.1452 | 3982 |
| 8 chrC1.141614A | G | 0.1255 | 3976 |
| 8 chrC1.141651A | G | 0.1207 | 4010 |
| 8 chrC1.141683G | A | 0.06712 | 4008 |
| 8 chrC1.141728G | A | 0.0009975 | 4010 |
| 8 chrC1.141771A | G | 0.3723 | 4002 |
| 8 chrC1.141804G | C | 0.3356 | 3978 |
| 8 chrC1.141833A | G | 0.09343 | 3896 |
| 8 chrC1.141877A | G | 0.2753 | 3934 |
| 8 chrB3.301157 | 0 G | 0 | 3958 |
| 8 chrC1.141918G | A | 0.1937 | 4000 |
| 8 chrC1.141948G | A | 0.1779 | 3996 |
| 8 chrC1.141997A | G | 0.4377 | 3996 |
| 8 chrC1.142023A | G | 0.4897 | 3998 |
| 8 chrC1.142087A | C | 0.2084 | 4002 |
| 8 chrE3.614061G | A | 0.3724 | 3980 |
| 8 chrUn.758377A | C | 0.2662 | 3768 |
| 8 chrE3.433725A | G | 0.1149 | 4004 |
| 8 chrE3.433722A | G | 0.001753 | 3994 |
| 8 chrE3.435407G | A | 0.3225 | 3950 |
| 8 chrC1.142137A | G | 0.1623 | 4006 |
| 8 chrC1.142187G | A | 0.1036 | 4006 |
| 8 chrC1.142215A | C | 0.1215 | 3686 |
| 8 chrC1.142252G | A | 0.3484 | 3992 |
| 8 chrC1.142333A | G | 0.08741 | 4004 |
| 8 chrC1.142364A | G | 0.2818 | 3882 |
| 8 chrC1.142399A | G | 0.3324 | 3992 |
| 8 chrC1.142441A | G | 0.2552 | 4008 |
| 8 chrC1.142482C | A | 0.4182 | 3950 |
| 8 chrC1.142506A | G | 0.09885 | 4006 |
| 8 chrC1.142539A | G | 0.1458 | 4000 |
| 8 chrC1.142604G | A | 0.1966 | 3998 |
| 8 chrC1.142630G | A | 0.1461 | 4004 |

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| 8 chrC1.142646G | A | 0.3457 | 3974 |
| 8 chrC1.142675A | G | 0.231 | 4000 |
| 8 chrC1.142742A | C | 0.1034 | 3996 |
| 8 chrC1.142763G | A | 0.06853 | 3998 |
| 8 chrC1.142797A | G | 0.2215 | 4000 |
| 8 chrC1.142811G | A | 0.3679 | 4004 |
| 8 chrC1.142842A | G | 0.06471 | 3678 |
| 8 chrC1.142998A | G | 0.4542 | 3992 |
| 8 chrC1.143063A | C | 0.3335 | 4000 |
| 8 chrC1.143115A | G | 0.0009975 | 4010 |
| 8 chrC1.143184A | G | 0.0293 | 3686 |
| 8 chrC1.143211A | G | 0.1907 | 3974 |
| 8 chrC1.143252G | A | 0.1485 | 4006 |
| 8 chrC1.143286A | C | 0.02988 | 3982 |
| 8 chrC1.143310G | A | 0.4032 | 3996 |
| 8 chrC1.143347C | A | 0.2246 | 4002 |
| 8 chrC1.143410G | A | 0.2807 | 3858 |
| 8 chrC1.143475A | C | 0.3929 | 3996 |
| 8 chrC1.143504G | A | 0.2842 | 3952 |
| 8 chrC1.143538A | G | 0.04137 | 3964 |
| 8 chrC1.143561A | G | 0.1538 | 4004 |
| 8 chrC1.143623A | G | 0.4118 | 3992 |
| 8 chrC1.143669G | A | 0.4129 | 3996 |
| 8 chrC1.143694A | G | 0.2701 | 4006 |
| 8 chrC1.143732A | G | 0.1726 | 4004 |
| 8 chrB3.915662A | G | 0.1333 | 3992 |
| 8 chrB3.916546G | A | 0.05728 | 3998 |
| 8 chrC1.143834G | A | 0.3808 | 3918 |
| 8 chrB3.917353A | G | 0.1652 | 3934 |
| 8 chrC1.143872A | G | 0.1522 | 4000 |
| 8 chrC1.143932A | G | 0.2696 | 4002 |
| 8 chrC1.143965G | A | 0.1658 | 4004 |
| 8 chrC1.144003G | A | 0.0342 | 4006 |
| 8 chrC1.144038C | A | 0.05495 | 4004 |
| 8 chrC1.144084A | G | 0.168 | 3988 |
| 8 chrC1.144141C | A | 0.1605 | 4006 |
| 8 chrC1.144166A | G | 0.2514 | 3874 |
| 8 chrC1.144223A | G | 0.3166 | 3954 |
| 8 chrC1.144275C | A | 0.05284 | 3728 |
| 8 chrC1.144327A | G | 0.2629 | 3986 |
| 8 chrC1.144386G | A | 0.1446 | 3990 |

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| 8 chrC1.144412A | C | 0.3579 | 3694 |
| 8 chrC1.144430G | A | 0.4703 | 4006 |
| 8 chrC1.144454A | G | 0.1294 | 3848 |
| 8 chrC1.144524A | G | 0.2675 | 4004 |
| 8 chrC1.144581A | G | 0.1052 | 4002 |
| 8 chrC1.144617A | G | 0.15 | 3980 |
| 8 chrC1.144619G | A | 0.1514 | 3996 |
| 8 chrC1.144648A | G | 0.1954 | 4008 |
| 8 chrC1.144674A | G | 0.06241 | 4006 |
| 8 chrC1.144704G | A | 0.4977 | 3976 |
| 8 chrC1.144764A | G | 0.07525 | 4000 |
| 8 chrC1.144824A | G | 0.4418 | 4002 |
| 8 chrC1.144873A | G | 0.2441 | 4002 |
| 8 chrC1.144924A | G | 0.2519 | 3982 |
| 8 chrC1.144952A | G | 0.1718 | 4004 |
| 8 chrC1.145001A | G | 0.02212 | 3978 |
| 8 chrC1.145033A | G | 0.08887 | 4006 |
| 8 chrC1.145094G | A | 0.1983 | 3934 |
| 8 chrC1.145122A | G | 0.0209 | 3972 |
| 8 chrC1.145164A | G | 0.3025 | 3980 |
| 8 chrC1.145208A | G | 0.2007 | 4000 |
| 8 chrC1.145241A | C | 0.0999 | 3974 |
| 8 chrC1.145281G | A | 0.0994 | 4004 |
| 8 chrC1.145307A | G | 0.0805 | 4000 |
| 8 chrC1.145362G | A | 0.2622 | 4004 |
| 8 chrC1.145406A | G | 0.3988 | 4010 |
| 8 chrC1.145449G | A | 0.153 | 3888 |
| 8 chrC1.145493A | G | 0.12 | 4008 |
| 8 chrC1.145559A | G | 0.185 | 4000 |
| 8 chrC1.145597A | G | 0.1151 | 3980 |
| 8 chrC1.145638G | A | 0.3677 | 3990 |
| 8 chrC1.145721A | G | 0.2393 | 3878 |
| 8 chrC1.145763A | G | 0.4958 | 4004 |
| 8 chrC1.145942A | G | 0.2796 | 4006 |
| 8 chrC1.146023G | A | 0.1414 | 3996 |
| 8 chrC1.146056A | G | 0.2865 | 3986 |
| 8 chrC1.146095A | G | 0.09266 | 4004 |
| 8 chrC1.146210G | A | 0.07918 | 3928 |
| 8 chrC1.146239G | A | 0.1118 | 4000 |
| 8 chrC1.146275A | G | 0.02016 | 3870 |
| 8 chrC1.146326G | A | 0.2001 | 3998 |

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| 8 chrC1.146374A | G | 0.2609 | 3998 |
| 8 chrC1.146412A | C | 0.3217 | 4000 |
| 8 chrC1.146474G | A | 0.2923 | 3976 |
| 8 chrC1.146533G | A | 0.02587 | 3866 |
| 8 chrC1.146547A | C | 0.01129 | 3986 |
| 8 chrC1.146585A | G | 0.0979 | 4004 |
| 8 chrC1.146614A | C | 0.2867 | 3938 |
| 8 chrC1.146638A | C | 0.1183 | 3974 |
| 8 chrUn.230511A | G | 0.4459 | 3974 |
| 8 chrC1.146692A | G | 0.2587 | 4004 |
| 8 chrC1.146726A | G | 0.07318 | 4004 |
| 8 chrC1.146781A | C | 0.312 | 3984 |
| 8 chrC1.146812A | G | 0.298 | 4004 |
| 8 chrC1.146855G | A | 0.3047 | 4004 |
| 8 chrC1.146905A | G | 0.05603 | 3998 |
| 8 chrC1.146931A | G | 0.2363 | 3716 |
| 8 chrC1.147018A | G | 0.4358 | 4004 |
| 8 chrC1.147023A | G | 0.3956 | 4004 |
| 8 chrC1.147046A | G | 0.1595 | 4006 |
| 8 chrC1.147105G | A | 0.137 | 4008 |
| 8 chrUn.211539G | A | 0.1799 | 4008 |
| 8 chrC1.147320A | C | 0.1355 | 3986 |
| 8 chrC1.147373A | G | 0.03917 | 4008 |
| 8 chrC1.147401G | A | 0.1563 | 3998 |
| 8 chrC1.147448A | C | 0.05843 | 3748 |
| 8 chrC1.147487G | A | 0.2944 | 3774 |
| 8 chrC1.147528A | G | 0.03044 | 4008 |
| 8 chrC1.147563A | G | 0.08703 | 3608 |
| 8 chrC1.147589A | G | 0.2527 | 3700 |
| 8 chrC1.147630G | A | 0.2505 | 4000 |
| 8 chrC1.147680G | A | 0.1919 | 3996 |
| 8 chrC1.147716A | G | 0.4841 | 3956 |
| 8 chrC1.147765A | G | 0.3117 | 3760 |
| 8 chrC1.147863G | A | 0.2375 | 3908 |
| 8 chrC1.147925A | G | 0.1454 | 3976 |
| 8 chrC1.147964A | G | 0.3275 | 3976 |
| 8 chrC1.148012G | A | 0.169 | 4006 |
| 8 chrC1.148049 | 0 A | 0 | 4006 |
| 8 chrC1.148053A | G | 0.05483 | 3848 |
| 8 chrC1.148102G | A | 0.242 | 3992 |
| 8 chrC1.148140G | A | 0.2354 | 3764 |

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| 8 chrC1.148196A | C | 0.4417 | 3980 |
| 8 chrC1.148234A | G | 0.4394 | 3976 |
| 8 chrC1.148320A | G | 0.1049 | 4004 |
| 8 chrC1.148430G | A | 0.09636 | 4006 |
| 8 chrC1.148488A | G | 0.0438 | 3836 |
| 8 chrC1.148585A | C | 0.3457 | 4004 |
| 8 chrC1.148677A | G | 0.1618 | 4004 |
| 8 chrC1.148749G | A | 0.4632 | 3996 |
| 8 chrC1.148850C | A | 0.0547 | 4004 |
| 8 chrC1.148911A | G | 0.4878 | 4006 |
| 8 chrC1.148939C | A | 0.0463 | 3996 |
| 8 chrC1.148968A | G | 0.04718 | 4006 |
| 8 chrC1.148977G | A | 0.04741 | 4008 |
| 8 chrC1.148993A | G | 0.0002495 | 4008 |
| 8 chrC1.149032G | A | 0.4882 | 3992 |
| 8 chrC1.149089A | G | 0.1429 | 3990 |
| 8 chrC1.149149G | A | 0.2534 | 4006 |
| 8 chrC1.149188A | G | 0.1328 | 3826 |
| 8 chrC1.149217G | A | 0.04434 | 3992 |
| 8 chrC1.149291A | G | 0.1769 | 3990 |
| 8 chrC1.149336A | G | 0.4922 | 3964 |
| 8 chrC1.149394A | C | 0.4857 | 3974 |
| 8 chrC1.149539A | C | 0.06072 | 4002 |
| 8 chrC1.149565A | G | 0.437 | 4002 |
| 8 chrC1.149612A | G | 0.08034 | 4008 |
| 8 chrC1.149638G | A | 0.0461 | 3970 |
| 8 chrC1.149696G | A | 0.2074 | 3998 |
| 8 chrUn.292998G | A | 0.07539 | 4006 |
| 8 chrC1.149788G | A | 0.4555 | 4002 |
| 8 chrC1.149813A | G | 0.2868 | 3986 |
| 8 chrC1.149845A | C | 0.456 | 4000 |
| 8 chrC1.149896A | G | 0.2986 | 3942 |
| 8 chrC1.149929C | A | 0.04879 | 3976 |
| 8 chrC1.149963G | A | 0.1641 | 3930 |
| 8 chrC1.149999G | A | 0.2276 | 3980 |
| 8 chrC1.150028A | G | 0.2227 | 3902 |
| 8 chrC1.150068G | A | 0.3418 | 3944 |
| 8 chrC1.150105A | G | 0.4982 | 3988 |
| 8 chrC1.150171A | C | 0.08771 | 4002 |
| 8 chrC1.150256A | G | 0.2341 | 3720 |
| 8 chrC1.150311A | G | 0.2757 | 4004 |

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| 8 chrC1.150341 | 0 G | 0 | 4010 |
| 8 chrC1.150357A | G | 0.4102 | 3988 |
| 8 chrC1.150382G | A | 0.2277 | 3996 |
| 8 chrC1.150476A | C | 0.1173 | 3954 |
| 8 chrC1.150541A | G | 0.1981 | 3992 |
| 8 chrC1.150709C | A | 0.3071 | 3930 |
| 8 chrC1.150775G | A | 0.19 | 3958 |
| 8 chrC1.150799G | A | 0.219 | 3936 |
| 8 chrC1.150831G | A | 0.3022 | 3720 |
| 8 chrC1.150872G | A | 0.3429 | 3940 |
| 8 chrC1.150896G | A | 0.07382 | 3942 |
| 8 chrC1.150943A | G | 0.04818 | 4006 |
| 8 chrC1.151049G | A | 0.1963 | 3978 |
| 8 chrC1.151086A | G | 0.06473 | 3986 |
| 8 chrC1.151120A | G | 0.4428 | 4004 |
| 8 chrC1.151167A | G | 0.0414 | 4010 |
| 8 chrC1.151169A | G | 0.1891 | 3934 |
| 8 chrC1.151201G | A | 0.2101 | 3994 |
| 8 chrC1.151253A | G | 0.09337 | 3952 |
| 8 chrC1.151310A | G | 0.408 | 3998 |
| 8 chrC1.151364G | A | 0.09178 | 3966 |
| 8 chrC1.151400A | C | 0.2663 | 3988 |
| 8 chrC1.151509C | A | 0.154 | 3986 |
| 8 chrC1.151515A | C | 0.0972 | 4002 |
| 8 chrC1.151539C | A | 0.248 | 3988 |
| 8 chrC1.151695A | G | 0.3648 | 4002 |
| 8 chrC1.151772A | C | 0.3693 | 4008 |
| 8 chrC1.151806A | G | 0.2019 | 3998 |
| 8 chrC1.151840A | G | 0.1704 | 3956 |
| 8 chrC1.151868A | G | 0.03346 | 3796 |
| 8 chrC1.151920A | G | 0.4791 | 3972 |
| 8 chrC1.151954A | G | 0.02894 | 3974 |
| 8 chrC1.152124A | C | 0.4655 | 3736 |
| 8 chrC1.152157G | A | 0.01584 | 3852 |
| 8 chrC1.152217A | C | 0.02234 | 3984 |
| 8 chrC1.152241G | A | 0.07564 | 4006 |
| 8 chrC1.152284G | A | 0.01123 | 4008 |
| 8 chrC1.152313A | G | 0.1616 | 3960 |
| 8 chrC1.152361A | G | 0.07774 | 3962 |
| 8 chrC1.152412A | C | 0.2767 | 4000 |
| 8 chrC1.152460A | G | 0.3799 | 3696 |

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| 8 chrC1.152485G | A | 0.368 | 3970 |
| 8 chrC1.152522G | A | 0.04248 | 3978 |
| 8 chrC1.152575G | A | 0.05894 | 4004 |
| 8 chrC1.152602C | A | 0.2865 | 4000 |
| 8 chrUn.16846(A | C | 0.4577 | 3972 |
| 8 chrC1.152627A | G | 0.3163 | 3958 |
| 8 chrC1.152676G | A | 0.2863 | 4000 |
| 8 chrC1.152741C | A | 0.0567 | 3986 |
| 8 chrC1.152813C | A | 0.07079 | 3998 |
| 8 chrC1.152853G | A | 0.07286 | 3898 |
| 8 chrC1.152883A | G | 0.0345 | 4000 |
| 8 chrC1.152955G | A | 0.03073 | 4002 |
| 8 chrC1.153007A | G | 0.4838 | 3962 |
| 8 chrC1.153032A | G | 0.4275 | 3988 |
| 8 chrC1.153034 | 0 G | 0 | 4010 |
| 8 chrC1.153104A | C | 0.02856 | 3992 |
| 8 chrC1.153139A | G | 0.3306 | 3926 |
| 8 chrC1.153210G | A | 0.4447 | 3668 |
| 8 chrC1.153266C | A | 0.07086 | 4008 |
| 8 chrC1.153295A | G | 0.0577 | 3882 |
| 8 chrC1.153315G | A | 0.3582 | 4006 |
| 8 chrC1.153367A | G | 0.2576 | 3990 |
| 8 chrC1.153400G | A | 0.1361 | 3996 |
| 8 chrC1.153454G | A | 0.2786 | 3884 |
| 8 chrC1.153486A | G | 0.3647 | 3998 |
| 8 chrC1.153590A | G | 0.09685 | 4006 |
| 8 chrC1.153618A | G | 0.03145 | 3974 |
| 8 chrC1.153645C | A | 0.07304 | 3998 |
| 8 chrC1.153674A | G | 0.2949 | 4008 |
| 8 chrC1.153705A | G | 0.4967 | 3988 |
| 8 chrC1.153732A | G | 0.0007626 | 3934 |
| 8 chrC1.153802C | A | 0.09229 | 3944 |
| 8 chrC1.153832G | A | 0.09472 | 3980 |
| 8 chrC1.153923A | G | 0.005038 | 3970 |
| 8 chrC1.153937G | A | 0.2569 | 3962 |
| 8 chrC1.153955G | A | 0.1364 | 3930 |
| 8 chrC1.153979C | A | 0.1929 | 3986 |
| 8 chrC1.154010A | G | 0.03598 | 4002 |
| 8 chrC1.154075A | G | 0.1025 | 3982 |
| 8 chrC1.154108A | G | 0.01374 | 4004 |
| 8 chrC1.154135A | G | 0.2296 | 3998 |

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| 8 chrC1.154254A | C | 0.03343 | 4008 |
| 8 chrC1.154282A | G | 0.4638 | 4006 |
| 8 chrC1.154309G | A | 0.00675 | 4000 |
| 8 chrC1.154357A | G | 0.3719 | 3982 |
| 8 chrUn.262994G | A | 0.08762 | 4006 |
| 8 chrC1.154395A | G | 0.02249 | 4002 |
| 8 chrC1.154453A | G | 0.05916 | 3972 |
| 8 chrC1.154509A | G | 0.2718 | 3974 |
| 8 chrC1.154546A | G | 0.3932 | 3990 |
| 8 chrC1.154576G | A | 0.2949 | 3988 |
| 8 chrC1.154605G | A | 0.1139 | 3994 |
| 8 chrC1.154656G | A | 0.01996 | 4008 |
| 8 chrC1.154730G | A | 0.3311 | 4002 |
| 8 chrC1.154790A | G | 0.04441 | 4008 |
| 8 chrC1.154827A | G | 0.3971 | 3996 |
| 8 chrC1.154860G | A | 0.2501 | 4006 |
| 8 chrC1.154892A | G | 0.08583 | 4008 |
| 8 chrC1.154923G | A | 0.03894 | 4006 |
| 8 chrC1.154949C | A | 0.2728 | 4000 |
| 8 chrC1.155062A | G | 0.043 | 4000 |
| 8 chrC1.155100G | A | 0.3951 | 4002 |
| 8 chrC1.155128A | C | 0.06069 | 3790 |
| 8 chrC1.155152G | A | 0.3899 | 4004 |
| 8 chrC1.155168 | 0 G | 0 | 4002 |
| 8 chrC1.155190G | A | 0.4593 | 3976 |
| 8 chrC1.155224A | G | 0.2504 | 3958 |
| 8 chrC1.155270A | C | 0.08529 | 3998 |
| 8 chrC1.155330A | C | 0.303 | 4000 |
| 8 chrC1.155340C | A | 0.04096 | 4004 |
| 8 chrC1.155359A | G | 0.04119 | 4006 |
| 8 chrC1.155408G | A | 0.4598 | 3980 |
| 8 chrC1.155439G | A | 0.06341 | 3990 |
| 8 chrC1.155476G | A | 0.498 | 3996 |
| 8 chrC1.155537G | A | 0.09323 | 3958 |
| 8 chrC1.155592A | C | 0.2618 | 3984 |
| 8 chrC1.155618A | G | 0.1205 | 4008 |
| 8 chrC1.155665G | A | 0.3011 | 3962 |
| 8 chrC1.155690A | G | 0.3423 | 3918 |
| 8 chrC1.155721G | A | 0.2564 | 3892 |
| 8 chrC1.155790G | A | 0.2741 | 3988 |
| 8 chrC1.155814G | A | 0.2528 | 3912 |

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| 8 chrC1.155863C | A | 0.06119 | 4004 |
| 8 chrC1.155960A | G | 0.4336 | 3990 |
| 8 chrC1.156065G | A | 0.1932 | 3820 |
| 8 chrC1.156080A | G | 0.2252 | 3996 |
| 8 chrC1.156097A | C | 0.1018 | 3840 |
| 8 chrC1.156144A | G | 0.4344 | 3994 |
| 8 chrC1.156195A | G | 0.2133 | 4000 |
| 8 chrC1.156232A | G | 0.4835 | 3998 |
| 8 chrC1.156265G | A | 0.1271 | 3958 |
| 8 chrC1.156302A | G | 0.3651 | 3996 |
| 8 chrC1.156337A | G | 0.0463 | 3996 |
| 8 chrC1.156363G | A | 0.1374 | 4004 |
| 8 chrC1.156435G | A | 0.4207 | 3984 |
| 8 chrC1.156476A | C | 0.352 | 3994 |
| 8 chrC1.156513C | A | 0.1039 | 3994 |
| 8 chrC1.156631A | G | 0.07456 | 4010 |
| 8 chrC1.156688A | G | 0.4453 | 3984 |
| 8 chrC1.156746A | G | 0.2106 | 3866 |
| 8 chrC1.156784G | A | 0.349 | 3994 |
| 8 chrC1.156851A | G | 0.06124 | 3984 |
| 8 chrC1.156877A | G | 0.1851 | 3988 |
| 8 chrC1.156950A | G | 0.07093 | 4004 |
| 8 chrUn.555209C | A | 0.066 | 4000 |
| 8 chrC1.157048A | C | 0.1728 | 3992 |
| 8 chrC1.157146A | C | 0.4242 | 3960 |
| 8 chrC1.157193A | G | 0.1573 | 3980 |
| 8 chrC1.157265A | G | 0.04716 | 4008 |
| 8 chrUn.367901A | G | 0.4528 | 4004 |
| 8 chrC1.157295G | A | 0.2918 | 3986 |
| 8 chrC1.157324G | A | 0.3756 | 4004 |
| 8 chrC1.157354A | G | 0.07598 | 3896 |
| 8 chrC1.157423A | G | 0.2164 | 4002 |
| 8 chrUn.557481A | G | 0.4456 | 4004 |
| 8 chrC1.157475A | G | 0.4472 | 3994 |
| 8 chrC1.157494G | A | 0.2131 | 4002 |
| 8 chrC1.157530A | G | 0.05264 | 4008 |
| 8 chrC1.157574A | G | 0.0521 | 3992 |
| 8 chrUn.625183G | A | 0.2595 | 3912 |
| 8 chrC1.157604G | A | 0.3287 | 3992 |
| 8 chrC1.157666A | C | 0.2967 | 3866 |
| 8 chrC1.157704G | A | 0.06228 | 3998 |

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| 8 chrC1.157777G | A | 0.1076 | 4006 |
| 8 chrC1.157807A | G | 0.08196 | 4002 |
| 8 chrUn.18886(C | A | 0.3332 | 3968 |
| 8 chrC1.157863A | G | 0.4013 | 4004 |
| 8 chrC1.157897A | G | 0.029 | 3828 |
| 8 chrC1.157947A | C | 0.3365 | 4006 |
| 8 chrC1.158015A | G | 0.02459 | 3986 |
| 8 chrC1.158066C | A | 0.3098 | 4006 |
| 8 chrC1.158098A | G | 0.001248 | 4008 |
| 8 chrC1.158171A | G | 0.05944 | 4004 |
| 8 chrC1.158195G | A | 0.0669 | 4006 |
| 8 chrC1.158273G | A | 0.1507 | 3996 |
| 8 chrUn.76504A | G | 0.4193 | 3988 |
| 8 chrC1.158378G | A | 0.2123 | 3966 |
| 8 chrC1.158401A | G | 0.1004 | 4004 |
| 8 chrC1.158571A | C | 0.1107 | 3958 |
| 8 chrC1.158615A | G | 0.1552 | 3996 |
| 8 chrC1.158673G | A | 0.2848 | 3996 |
| 8 chrC1.158729A | C | 0.0984 | 4004 |
| 8 chrC1.158795A | G | 0.2046 | 3998 |
| 8 chrC1.158863G | A | 0.1201 | 3888 |
| 8 chrC1.158940A | G | 0.05728 | 3998 |
| 8 chrC1.158969A | C | 0.06012 | 3942 |
| 8 chrC1.158999A | G | 0.2252 | 3898 |
| 8 chrC1.159037A | G | 0.1301 | 3996 |
| 8 chrC1.159087G | A | 0.04857 | 3912 |
| 8 chrC1.159150A | G | 0.1472 | 3974 |
| 8 chrC1.159174G | A | 0.1653 | 4006 |
| 8 chrC1.159283C | A | 0.2076 | 3998 |
| 8 chrC1.159322G | A | 0.02088 | 3880 |
| 8 chrC1.159387C | A | 0.01374 | 3930 |
| 8 chrC1.159412A | G | 0.3215 | 3866 |
| 8 chrC1.159444G | A | 0.2699 | 4002 |
| 8 chrC1.159488A | G | 0.1862 | 4006 |
| 8 chrC1.159522A | G | 0.487 | 3992 |
| 8 chrC1.159549A | G | 0.2293 | 3994 |
| 8 chrUn.53645A | G | 0.3185 | 3988 |
| 8 chrC1.159611G | A | 0.07796 | 4002 |
| 8 chrC1.159624G | A | 0.1538 | 4006 |
| 8 chrC1.159679G | A | 0.2035 | 3996 |
| 8 chrC1.159713A | G | 0.4915 | 4000 |

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| 8 chrC1.159755A | G | 0.112 | 3982 |
| 8 chrC1.159845G | A | 0.3471 | 3990 |
| 8 chrC1.159885A | C | 0.2955 | 3970 |
| 8 chrC1.159890C | A | 0.2915 | 3980 |
| 8 chrC1.159914G | A | 0.073 | 4000 |
| 8 chrC1.160035A | G | 0.3759 | 3996 |
| 8 chrC1.160060A | G | 0.2377 | 3980 |
| 8 chrC1.160147A | G | 0.3365 | 4000 |
| 8 chrC1.160248G | A | 0.4267 | 3996 |
| 8 chrC1.160325G | A | 0.2391 | 4002 |
| 8 chrC1.160395C | A | 0.1329 | 3874 |
| 8 chrC1.160421A | C | 0.1316 | 4004 |
| 8 chrC1.160454G | A | 0.02522 | 4004 |
| 8 chrC1.160498G | A | 0.4095 | 4000 |
| 8 chrC1.160527G | A | 0.1135 | 4008 |
| 8 chrC1.160585A | G | 0.2637 | 4000 |
| 8 chrC1.160728A | G | 0.03202 | 3998 |
| 8 chrC1.160766G | A | 0.1202 | 4000 |
| 8 chrC1.160806G | A | 0.2647 | 3918 |
| 8 chrC1.160831G | A | 0.003493 | 4008 |
| 8 chrC1.160847A | G | 0.1064 | 4004 |
| 8 chrA1.158321G | A | 0.1818 | 3988 |
| 8 chrC1.160915A | C | 0.3627 | 3990 |
| 8 chrC1.160941G | A | 0.3693 | 4000 |
| 8 chrC1.160998G | A | 0.08317 | 3980 |
| 8 chrC1.161082G | A | 0.1699 | 4002 |
| 8 chrC1.161144G | A | 0.07542 | 3938 |
| 8 chrC1.161197A | G | 0.1875 | 4006 |
| 8 chrC1.161245A | G | 0.06387 | 4008 |
| 8 chrC1.161285G | A | 0.08837 | 4006 |
| 8 chrC1.161331A | G | 0.05739 | 4008 |
| 8 chrC1.161374C | A | 0.2805 | 3996 |
| 8 chrC1.161418A | G | 0.1564 | 4002 |
| 8 chrC1.161452A | G | 0.1885 | 3942 |
| 8 chrC1.161484C | A | 0.342 | 3980 |
| 8 chrC1.161525A | G | 0.02604 | 3994 |
| 8 chrC1.161615A | G | 0.05471 | 3802 |
| 8 chrC1.161710A | G | 0.07485 | 4008 |
| 8 chrC1.161728C | A | 0.02234 | 3984 |
| 8 chrC1.161745A | G | 0.2701 | 3984 |
| 8 chrC1.161802A | G | 0.2329 | 4002 |

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| 8 chrC1.161836A | G | 0.025 | 4000 |
| 8 chrC1.161885A | G | 0.01742 | 3962 |
| 8 chrC1.161936G | A | 0.3705 | 4000 |
| 8 chrC1.161979A | G | 0.398 | 4008 |
| 8 chrC1.162012C | A | 0.2402 | 3988 |
| 8 chrC1.162082A | C | 0.1434 | 4010 |
| 8 chrC1.162143A | G | 0.3593 | 3994 |
| 8 chrC1.162170A | G | 0.1937 | 3722 |
| 8 chrC1.162210A | C | 0.386 | 3930 |
| 8 chrC1.162245A | C | 0.1936 | 3842 |
| 8 chrC1.162270G | A | 0.09765 | 4004 |
| 8 chrC1.162304G | A | 0.2551 | 4002 |
| 8 chrC1.162358A | C | 0.2547 | 4004 |
| 8 chrA1.534337A | G | 0.2703 | 3996 |
| 8 chrC1.162437A | G | 0.1527 | 3902 |
| 8 chrC1.162483A | G | 0.416 | 3990 |
| 8 chrC1.162491A | C | 0.451 | 3998 |
| 8 chrC1.162562A | G | 0.2407 | 3864 |
| 8 chrUn.179410A | G | 0.264 | 4004 |
| 8 chrUn26.5948G | A | 0.2495 | 3744 |
| 8 chrC1.162636A | G | 0.3863 | 3948 |
| 8 chrUn26.5971C | A | 0.4007 | 3976 |
| 8 chrC1.162703A | G | 0.171 | 4000 |
| 8 chrC1.162735C | A | 0.09253 | 3642 |
| 8 chrC1.162820G | A | 0.2185 | 4000 |
| 8 chrC1.162845A | G | 0.09002 | 4010 |
| 8 chrC1.162973G | A | 0.4797 | 3998 |
| 8 chrC1.162983G | A | 0.2047 | 4006 |
| 8 chrX.7344103G | A | 0.1605 | 3956 |
| 8 chrC1.163020A | G | 0.496 | 3994 |
| 8 chrC1.163084G | A | 0.4837 | 3996 |
| 8 chrC1.163123A | G | 0.2436 | 4002 |
| 8 chrC1.163157G | A | 0.1175 | 3992 |
| 8 chrC1.163211A | G | 0.001496 | 4010 |
| 8 chrC1.163243G | A | 0.4727 | 3950 |
| 8 chrC1.163283G | A | 0.23 | 4004 |
| 8 chrC1.163329G | A | 0.03875 | 4000 |
| 8 chrC1.163415A | G | 0.3092 | 4004 |
| 8 chrC1.163438A | G | 0.1443 | 3978 |
| 8 chrC1.163472A | G | 0.04271 | 4004 |
| 8 chrC1.163498A | G | 0.1536 | 3978 |

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| 8 chrC1.163556G | A | 0.08421 | 4002 |
| 8 chrC1.163589A | G | 0.4546 | 3986 |
| 8 chrC1.163626C | A | 0.07175 | 3944 |
| 8 chrC1.163698G | A | 0.0986 | 4006 |
| 8 chrC1.163737G | A | 0.1192 | 3866 |
| 8 chrB2.935636A | G | 0.4418 | 4002 |
| 8 chrUn.422697G | A | 0.2996 | 3832 |
| 8 chrA2.310218A | G | 0.1447 | 4002 |
| 8 chrUn36.3618G | A | 0.09152 | 4010 |
| 8 chrUn36.7557A | C | 0.1182 | 4000 |
| 8 chrUn36.1186A | G | 0.3851 | 3916 |
| 8 chrUn36.1727A | C | 0.2549 | 3998 |
| 8 chrUn36.2049G | A | 0.0806 | 3958 |
| 8 chrUn36.2419G | A | 0.0912 | 4002 |
| 8 chrUn36.2667A | G | 0.2476 | 4002 |
| 8 chrUn36.3176A | G | 0.4517 | 3910 |
| 8 chrC1.163773G | A | 0.0484 | 4008 |
| 8 chrC1.163847G | A | 0.1472 | 4000 |
| 8 chrC1.163927A | G | 0.1974 | 4008 |
| 8 chrC1.163958A | G | 0.448 | 4000 |
| 8 chrC1.164017A | G | 0.404 | 3998 |
| 8 chrC1.164047G | A | 0.4828 | 4000 |
| 8 chrC1.164083A | G | 0.1347 | 3978 |
| 8 chrC1.164107A | G | 0.09195 | 4002 |
| 8 chrC1.164162G | A | 0.1089 | 3994 |
| 8 chrC1.164203A | G | 0.04046 | 4004 |
| 8 chrC1.164232G | A | 0.009448 | 3916 |
| 8 chrC1.164346A | G | 0.01911 | 3976 |
| 8 chrC1.164413A | G | 0.1659 | 3984 |
| 8 chrC1.164518G | A | 0.4711 | 3950 |
| 8 chrC1.164579G | A | 0.1591 | 3834 |
| 8 chrC1.164642A | C | 0.4322 | 3998 |
| 8 chrC1.164678G | A | 0.1729 | 4002 |
| 8 chrC1.164703A | G | 0.3046 | 3904 |
| 8 chrC1.164759A | G | 0.3172 | 4004 |
| 8 chrUn.493156G | A | 0.1909 | 4002 |
| 8 chrC1.164817A | G | 0.1761 | 3924 |
| 8 chrC1.164817G | A | 0.1841 | 3954 |
| 8 chrC1.164862G | A | 0.3305 | 3918 |
| 8 chrC1.164928A | C | 0.2938 | 3996 |
| 8 chrC1.164977A | G | 0.3115 | 3974 |

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| 8 chrC1.165018A | G | 0.2546 | 4002 |
| 8 chrC1.165072A | G | 0.05556 | 3978 |
| 8 chrC1.165126A | G | 0.2586 | 3994 |
| 8 chrA2.400314A | G | 0.06237 | 3960 |
| 8 chrA2.401231A | G | 0.4773 | 4002 |
| 8 chrA2.401860A | G | 0.06626 | 3788 |
| 8 chrC1.165236G | A | 0.4625 | 4004 |
| 8 chrC1.165264G | A | 0.3026 | 3856 |
| 8 chrA2.403534A | G | 0.2367 | 3996 |
| 8 chrA2.404311G | A | 0.0533 | 3996 |
| 8 chrC1.165344G | A | 0.05092 | 4006 |
| 8 chrC1.165397A | G | 0.1439 | 3988 |
| 8 chrC1.165432A | G | 0.07014 | 4006 |
| 8 chrA2.406396A | G | 0.01596 | 4010 |
| 8 chrA2.406796G | A | 0.1309 | 3956 |
| 8 chrUn.164109G | A | 0.00399 | 4010 |
| 8 chrUn.163844G | A | 0.1206 | 4004 |
| 8 chrA2.407045G | A | 0.2335 | 3992 |
| 8 chrUn.137274A | G | 0.04734 | 3718 |
| 8 chrUn.699614A | C | 0.2985 | 3950 |
| 8 chrC1.165466A | G | 0.03295 | 4006 |
| 8 chrC1.165494C | A | 0.1449 | 4010 |
| 8 chrC1.165529G | A | 0.4011 | 3982 |
| 8 chrC1.165599A | C | 0.03372 | 4004 |
| 8 chrC1.165641A | G | 0.3148 | 3996 |
| 8 chrUn.703424A | G | 0.343 | 3910 |
| 8 chrC1.165757A | G | 0.4764 | 3904 |
| 8 chrC1.165766A | G | 0.0262 | 4008 |
| 8 chrC1.165820G | A | 0.04144 | 4006 |
| 8 chrC1.165849A | C | 0.1883 | 4000 |
| 8 chrC1.165898G | A | 0.2402 | 4000 |
| 8 chrC1.182221G | A | 0.3142 | 4004 |
| 8 chrC1.165978C | A | 0.1847 | 4002 |
| 8 chrC1.166004A | G | 0.1141 | 3882 |
| 8 chrC1.166043A | G | 0.0719 | 3964 |
| 8 chrC1.166086A | G | 0.2976 | 3998 |
| 8 chrC1.166115G | A | 0.03869 | 4006 |
| 8 chrC1.166145A | G | 0.1394 | 3930 |
| 8 chrC1.166178A | G | 0.0333 | 3964 |
| 8 chrC1.166245A | G | 0.3239 | 4004 |
| 8 chrC1.166293A | G | 0.4085 | 4010 |

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| 8 chrC1.166362A | G | 0.1126 | 3962 |
| 8 chrC1.166393G | A | 0.43 | 3956 |
| 8 chrC1.166423A | G | 0.2484 | 3998 |
| 8 chrC1.166450G | A | 0.2401 | 4002 |
| 8 chrC1.166476A | G | 0.3696 | 3996 |
| 8 chrC1.166525C | A | 0.1678 | 4004 |
| 8 chrC1.166564G | A | 0.4297 | 3984 |
| 8 chrC1.166591A | G | 0.2947 | 4004 |
| 8 chrC1.166628A | G | 0.4795 | 3996 |
| 8 chrC1.166673G | A | 0.005295 | 3966 |
| 8 chrC1.166706C | A | 0.3484 | 3998 |
| 8 chrC1.166770G | A | 0.1689 | 4002 |
| 8 chrC1.166814G | A | 0.4862 | 3978 |
| 8 chrC1.166883A | G | 0.1395 | 4006 |
| 8 chrC1.166921A | G | 0.4798 | 4008 |
| 8 chrC1.166965A | G | 0.1776 | 3998 |
| 8 chrC1.167008A | G | 0.1846 | 4004 |
| 8 chrC1.167033C | A | 0.1563 | 4006 |
| 8 chrC1.167095A | G | 0.1703 | 3988 |
| 8 chrC1.167172A | G | 0.08496 | 4002 |
| 8 chrC1.167216A | G | 0.1687 | 4002 |
| 8 chrC1.167262G | A | 0.2767 | 4004 |
| 8 chrC1.167323A | G | 0.1682 | 4008 |
| 8 chrC1.167372A | G | 0.03094 | 4008 |
| 8 chrC1.167395A | G | 0.108 | 3954 |
| 8 chrC1.167445C | A | 0.2426 | 4006 |
| 8 chrC1.167476G | A | 0.2571 | 4002 |
| 8 chrC1.167547A | G | 0.3417 | 3924 |
| 8 chrC1.167584C | A | 0.19 | 4000 |
| 8 chrC1.167627G | A | 0.2147 | 4006 |
| 8 chrC1.167661G | A | 0.1113 | 4006 |
| 8 chrC1.167727A | G | 0.07855 | 4010 |
| 8 chrC1.167804A | C | 0.05005 | 3696 |
| 8 chrC1.167805A | C | 0.202 | 4004 |
| 8 chrC1.167836C | A | 0.1949 | 3992 |
| 8 chrC1.167874A | G | 0.1866 | 4008 |
| 8 chrC1.167917A | G | 0.4922 | 3968 |
| 8 chrC1.167956A | C | 0.1875 | 3984 |
| 8 chrC1.168015G | A | 0.1556 | 3998 |
| 8 chrC1.168052G | A | 0.1451 | 3996 |
| 8 chrC1.168115A | C | 0.2348 | 4004 |

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| 8 chrC1.168174A | G | 0.46 | 4002 |
| 8 chrC1.168201G | A | 0.3105 | 4000 |
| 8 chrC1.168234A | G | 0.1839 | 4008 |
| 8 chrC1.168284G | A | 0.1711 | 3816 |
| 8 chrC1.168313G | A | 0.1784 | 3986 |
| 8 chrC1.168360G | A | 0.2424 | 3990 |
| 8 chrC1.168398G | A | 0.262 | 4004 |
| 8 chrC1.168457A | G | 0.1783 | 3994 |
| 8 chrC1.168500G | A | 0.4732 | 3884 |
| 8 chrC1.168539A | G | 0.2206 | 3998 |
| 8 chrC1.168590A | G | 0.2947 | 4008 |
| 8 chrC1.168660A | C | 0.3124 | 3998 |
| 8 chrC1.168730G | A | 0.3433 | 3988 |
| 8 chrC1.168791G | A | 0.1104 | 4002 |
| 8 chrC1.168821G | A | 0.1271 | 3982 |
| 8 chrC1.168832G | A | 0.16 | 4006 |
| 8 chrC1.168848G | A | 0.1577 | 3996 |
| 8 chrC1.168882A | G | 0.2505 | 4004 |
| 8 chrC1.168934G | A | 0.4792 | 3994 |
| 8 chrC1.168958A | G | 0.07071 | 4002 |
| 8 chrC1.169001A | G | 0.09066 | 4004 |
| 8 chrC1.169044G | A | 0.1056 | 3958 |
| 8 chrC1.169087A | G | 0.1671 | 3998 |
| 8 chrC1.169138A | G | 0.3591 | 4002 |
| 8 chrC1.169167G | A | 0.424 | 3998 |
| 8 chrC1.169194G | A | 0.06358 | 3932 |
| 8 chrC1.169234A | G | 0.1353 | 4006 |
| 8 chrC1.169267G | A | 0.1889 | 3944 |
| 8 chrC1.169299A | G | 0.1924 | 4002 |
| 8 chrC1.169331A | G | 0.1291 | 3864 |
| 8 chrC1.169356A | G | 0.4577 | 4000 |
| 8 chrC1.169418C | A | 0.0591 | 4010 |
| 8 chrC1.169454A | G | 0.1813 | 3988 |
| 8 chrC1.169489G | A | 0.2328 | 4004 |
| 8 chrC1.169531A | G | 0.05597 | 4002 |
| 8 chrC1.169556C | A | 0.2334 | 4006 |
| 8 chrC1.169593G | A | 0.4599 | 3994 |
| 8 chrC1.169623G | A | 0.06915 | 4006 |
| 8 chrC1.169647A | G | 0.03222 | 4004 |
| 8 chrC1.169703A | G | 0.1191 | 3970 |
| 8 chrC1.169736A | C | 0.4541 | 3988 |

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| 8 chrC1.169737A | G | 0.4527 | 3998 |
| 8 chrC1.169782A | G | 0.3098 | 4002 |
| 8 chrC1.169828A | G | 0.04963 | 4010 |
| 8 chrC1.169885A | G | 0.4236 | 3898 |
| 8 chrC1.169914G | A | 0.2223 | 3990 |
| 8 chrC1.169979A | G | 0.2967 | 4000 |
| 8 chrC1.170025G | A | 0.06578 | 3998 |
| 8 chrC1.170053G | A | 0.483 | 3994 |
| 8 chrC1.170097A | C | 0.3042 | 3998 |
| 8 chrC1.170126A | G | 0.2971 | 4006 |
| 8 chrUn36.3424C | A | 0.06587 | 4008 |
| 8 chrUn36.3976G | A | 0.05556 | 3996 |
| 8 chrUn36.4421A | G | 0.405 | 4002 |
| 8 chrUn36.4748A | G | 0.4658 | 3978 |
| 8 chrUn36.5539A | G | 0.2904 | 3998 |
| 8 chrUn36.6293G | A | 0.3708 | 3808 |
| 8 chrD3.119444A | G | 0.1693 | 3998 |
| 8 chrUn36.6796A | G | 0.2887 | 3994 |
| 8 chrUn36.7258A | G | 0.3821 | 4004 |
| 8 chrUn36.7616G | A | 0.1024 | 3946 |
| 8 chrUn36.7978G | A | 0.476 | 4002 |
| 8 chrUn36.8451A | G | 0.1987 | 4006 |
| 8 chrUn36.8624A | G | 0.2509 | 3954 |
| 8 chrUn36.8903A | G | 0.464 | 4004 |
| 8 chrUn36.9141A | G | 0.0007496 | 4002 |
| 8 chrUn36.9589A | G | 0.4127 | 3988 |
| 8 chrUn36.9926G | A | 0.1121 | 3988 |
| 8 chrUn36.1026A | G | 0.3838 | 3994 |
| 8 chrUn36.1059G | A | 0.2199 | 4006 |
| 8 chrUn36.1088A | G | 0.2698 | 4006 |
| 8 chrUn36.1126A | G | 0.102 | 3990 |
| 8 chrUn36.1151G | A | 0.2074 | 3982 |
| 8 chrUn36.1196A | G | 0.07121 | 4002 |
| 8 chrUn36.1226A | G | 0.2476 | 3990 |
| 8 chrUn36.1253A | G | 0.09109 | 3996 |
| 8 chrUn36.1284A | G | 0.05747 | 3950 |
| 8 chrUn36.1281A | G | 0.2727 | 4004 |
| 8 chrUn.177718A | G | 0.2758 | 4006 |
| 8 chrUn36.1331A | G | 0.091 | 4000 |
| 8 chrUn36.1388A | G | 0.2391 | 3928 |
| 8 chrUn36.1454G | A | 0.4085 | 4000 |

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| 8 chrUn36.150(A | G | 0.2559 | 4002 |
| 8 chrUn36.156(A | G | 0.3418 | 3970 |
| 8 chrUn36.161(A | A | 0.2285 | 3982 |
| 8 chrUn36.166(A | G | 0.1045 | 3982 |
| 8 chrUn36.169(G | A | 0.07046 | 4002 |
| 8 chrUn36.174(A | G | 0.1163 | 4000 |
| 8 chrUn36.177(A | C | 0.1834 | 4002 |
| 8 chrUn36.180(G | A | 0.2888 | 3954 |
| 8 chrUn36.183(G | A | 0.07346 | 4002 |
| 8 chrUn36.188(C | A | 0.1006 | 3958 |
| 8 chrUn36.193(G | A | 0.3623 | 3994 |
| 8 chrUn36.198(A | G | 0.4453 | 3988 |
| 8 chrUn36.201(G | A | 0.3147 | 3994 |
| 8 chrUn.13526(C | A | 0.2742 | 3972 |
| 8 chrUn36.207(G | A | 0.08775 | 4000 |
| 8 chrUn36.209(A | G | 0.1255 | 4000 |
| 8 chrUn36.216(A | G | 0.1483 | 4006 |
| 8 chrUn36.221(A | C | 0.4638 | 3922 |
| 8 chrUn36.224(A | G | 0.06256 | 3980 |
| 8 chrUn36.235(G | A | 0.2235 | 4000 |
| 8 chrUn36.240(G | A | 0.3465 | 4006 |
| 8 chrUn36.243(C | A | 0.3829 | 4004 |
| 8 chrUn36.248(A | G | 0.2742 | 3994 |
| 8 chrUn36.250(G | A | 0.0002498 | 4004 |
| 8 chrUn36.251(A | G | 0.05791 | 4006 |
| 8 chrUn36.259(A | G | 0.1712 | 4002 |
| 8 chrUn36.260(G | A | 0.279 | 3954 |
| 8 chrUn36.261(A | G | 0.1246 | 4006 |
| 8 chrUn36.265(A | G | 0.3324 | 3980 |
| 8 chrUn36.269(G | A | 0.03264 | 3860 |
| 8 chrUn.78386(A | G | 0.299 | 3826 |
| 8 chrUn36.286(G | A | 0.3146 | 3992 |
| 8 chrUn36.294(G | A | 0.07103 | 3984 |
| 8 chrUn36.300(A | G | 0.1233 | 3958 |
| 8 chrUn36.303(G | A | 0.2932 | 4008 |
| 8 chrUn36.310(A | G | 0.2727 | 3994 |
| 8 chrUn36.316(A | G | 0.1123 | 3964 |
| 8 chrUn36.320(A | G | 0.1951 | 3998 |
| 8 chrUn36.333(G | A | 0.1198 | 4008 |
| 8 chrUn36.337(A | G | 0.1392 | 3974 |
| 8 chrUn36.340(A | G | 0.3514 | 3944 |

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| 8 chrUn36.3461A | G | 0.424 | 3988 |
| 8 chrUn36.3511G | A | 0.06422 | 4002 |
| 8 chrC1.177174A | G | 0.1181 | 3998 |
| 8 chrC1.177131G | A | 0.1116 | 3978 |
| 8 chrC1.177066G | A | 0.292 | 4004 |
| 8 chrC1.177040G | A | 0.3624 | 4004 |
| 8 chrC1.176995A | G | 0.1673 | 3926 |
| 8 chrC1.176972A | G | 0.1963 | 4004 |
| 8 chrC1.176932G | A | 0.2007 | 3942 |
| 8 chrC1.176898A | G | 0.4156 | 3934 |
| 8 chrC1.176872A | G | 0.4193 | 3990 |
| 8 chrC1.176806C | A | 0.1584 | 4002 |
| 8 chrC1.176775G | A | 0.2151 | 3952 |
| 8 chrC1.176729A | G | 0.324 | 3994 |
| 8 chrC1.176664G | A | 0.4568 | 3984 |
| 8 chrC1.176640A | G | 0.1656 | 3918 |
| 8 chrC1.176587A | G | 0.4461 | 4006 |
| 8 chrC1.176562A | G | 0.1783 | 3954 |
| 8 chrC1.176513A | G | 0.3445 | 4000 |
| 8 chrC1.176456A | C | 0.168 | 3994 |
| 8 chrUn.397977G | A | 0.3272 | 3994 |
| 8 chrC1.176416A | G | 0.2095 | 3914 |
| 8 chrC1.176387C | A | 0.3507 | 3966 |
| 8 chrC1.176356A | C | 0.005308 | 3956 |
| 8 chrC1.176309G | A | 0.07023 | 3944 |
| 8 chrC1.176283A | G | 0.1676 | 4010 |
| 8 chrC1.176223C | A | 0.3394 | 3986 |
| 8 chrC1.176195A | C | 0.2363 | 3918 |
| 8 chrC1.176164A | G | 0.4052 | 3996 |
| 8 chrC1.176136A | G | 0.2681 | 3972 |
| 8 chrC1.176087A | G | 0.2114 | 4006 |
| 8 chrC1.176053G | A | 0.2848 | 4006 |
| 8 chrC1.175998A | G | 0.455 | 3932 |
| 8 chrC1.175935A | G | 0.4661 | 3982 |
| 8 chrC1.175876A | G | 0.1334 | 3884 |
| 8 chrC1.175815G | A | 0.1958 | 3998 |
| 8 chrC1.175762A | G | 0.1785 | 4000 |
| 8 chrC1.175760A | G | 0.1024 | 3994 |
| 8 chrC1.175728C | A | 0.1081 | 4004 |
| 8 chrC1.175678A | G | 0.03693 | 4008 |
| 8 chrC1.175615G | A | 0.0477 | 4004 |

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| 8 chrC1.17556C | C | 0.06513 | 3992 |
| 8 chrC1.17550G | G | 0.1236 | 3812 |
| 8 chrC1.17545G | A | 0.4243 | 3978 |
| 8 chrC1.17542A | C | 0.225 | 3982 |
| 8 chrC1.17538G | A | 0.3054 | 3998 |
| 8 chrC1.17531G | A | 0.1427 | 3988 |
| 8 chrC1.17526A | G | 0.1913 | 3952 |
| 8 chrC1.17520A | G | 0.4639 | 3962 |
| 8 chrC1.17511C | G | 0.2912 | 4008 |
| 8 chrC1.17505G | G | 0.1079 | 3994 |
| 8 chrC1.17501G | A | 0.4443 | 3984 |
| 8 chrC1.17497G | A | 0.1151 | 4006 |
| 8 chrUn.45094G | A | 0.2647 | 4000 |
| 8 chrC1.17494G | G | 0.192 | 3782 |
| 8 chrC1.17489A | G | 0.1716 | 3904 |
| 8 chrC1.17485A | G | 0.07275 | 4000 |
| 8 chrC1.17482G | A | 0.1858 | 4004 |
| 8 chrC1.17481 | 0 A | 0 | 4010 |
| 8 chrC1.17476G | A | 0.1056 | 4006 |
| 8 chrUn.98475G | A | 0.2109 | 3968 |
| 8 chrC1.17471A | G | 0.2071 | 3978 |
| 8 chrC1.17468C | A | 0.1363 | 3946 |
| 8 chrC1.17463G | A | 0.1647 | 3990 |
| 8 chrC1.17457G | G | 0.07821 | 3874 |
| 8 chrC1.17453G | A | 0.4507 | 3994 |
| 8 chrC1.17444G | A | 0.2926 | 3958 |
| 8 chrC1.17437G | A | 0.1183 | 4006 |
| 8 chrC1.17433G | A | 0.3697 | 3990 |
| 8 chrC1.17431C | A | 0.2692 | 3994 |
| 8 chrC1.17426A | G | 0.494 | 4006 |
| 8 chrC1.17422G | A | 0.3662 | 3872 |
| 8 chrC1.17417C | G | 0.4347 | 3952 |
| 8 chrC1.17412G | A | 0.03693 | 4008 |
| 8 chrC1.17404A | G | 0.1045 | 3990 |
| 8 chrC1.17401A | G | 0.2086 | 3954 |
| 8 chrC1.17398A | G | 0.2693 | 3922 |
| 8 chrC1.17394A | G | 0.3384 | 3998 |
| 8 chrC1.17391G | A | 0.3028 | 3976 |
| 8 chrC1.17387G | A | 0.05138 | 3698 |
| 8 chrC1.17385A | G | 0.169 | 3988 |
| 8 chrC1.17380A | G | 0.1763 | 3994 |

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| 8 chrC1.173777A | G | 0.3087 | 4010 |
| 8 chrC1.173735A | G | 0.0499 | 4008 |
| 8 chrC1.173732G | A | 0.1156 | 4004 |
| 8 chrC1.173700A | G | 0.4149 | 3974 |
| 8 chrC1.173667C | A | 0.05678 | 3998 |
| 8 chrC1.173634A | G | 0.06418 | 3942 |
| 8 chrC1.173588A | C | 0.1817 | 4006 |
| 8 chrC1.173552A | G | 0.0586 | 3976 |
| 8 chrC1.173507G | A | 0.326 | 4006 |
| 8 chrC1.173449A | C | 0.2789 | 3934 |
| 8 chrC1.173421G | A | 0.1439 | 3990 |
| 8 chrC1.173354G | A | 0.07629 | 3998 |
| 8 chrC1.173318C | A | 0.05041 | 3868 |
| 8 chrC1.173273A | G | 0.3978 | 3886 |
| 8 chrC1.173241A | G | 0.3889 | 3996 |
| 8 chrC1.173183G | A | 0.3363 | 3940 |
| 8 chrC1.173099A | G | 0.2007 | 4000 |
| 8 chrC1.173047G | A | 0.4228 | 4002 |
| 8 chrC1.173020A | G | 0.08857 | 4008 |
| 8 chrC1.172968A | G | 0.03445 | 3948 |
| 8 chrC1.172920G | A | 0.4033 | 4004 |
| 8 chrC1.172888G | A | 0.06437 | 4008 |
| 8 chrC1.172844A | G | 0.06212 | 3992 |
| 8 chrC1.172839G | A | 0.05023 | 3882 |
| 8 chrC1.172782A | G | 0.02822 | 4004 |
| 8 chrC1.172719A | G | 0.1304 | 4002 |
| 8 chrC1.172679C | A | 0.2569 | 3892 |
| 8 chrC1.172622C | A | 0.3614 | 3998 |
| 8 chrC1.172583C | A | 0.2287 | 3984 |
| 8 chrC1.172467A | G | 0.1703 | 3846 |
| 8 chrC1.172401C | A | 0.1571 | 4004 |
| 8 chrC1.172287G | A | 0.3623 | 3986 |
| 8 chrC1.172241G | A | 0.4747 | 3996 |
| 8 chrC1.172138A | C | 0.4171 | 4004 |
| 8 chrC1.172105C | A | 0.4011 | 3992 |
| 8 chrC1.172061A | G | 0.125 | 4008 |
| 8 chrC1.171990G | A | 0.04968 | 4006 |
| 8 chrC1.171957G | A | 0.3832 | 4000 |
| 8 chrC1.171913C | A | 0.4874 | 3980 |
| 8 chrC1.171888A | G | 0.1652 | 4002 |
| 8 chrC1.171858G | A | 0.4495 | 4002 |

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| 8 chrC1.171809A | G | 0.1231 | 3988 |
| 8 chrC1.171778A | G | 0.1254 | 4004 |
| 8 chrC1.171748A | G | 0.0002505 | 3992 |
| 8 chrC1.171684A | G | 0.4753 | 4000 |
| 8 chrC1.171591A | G | 0.1484 | 4010 |
| 8 chrC1.171567G | A | 0.227 | 3996 |
| 8 chrC1.171513C | A | 0.2087 | 4000 |
| 8 chrC1.171470G | A | 0.1218 | 3990 |
| 8 chrC1.171442A | C | 0.4369 | 3838 |
| 8 chrC1.171417A | G | 0.3805 | 3884 |
| 8 chrC1.171384G | A | 0.1101 | 3868 |
| 8 chrC1.171332A | G | 0.1959 | 3996 |
| 8 chrC1.171271A | G | 0.4426 | 3676 |
| 8 chrC1.171225A | C | 0.1527 | 3832 |
| 8 chrC1.171198A | G | 0.1847 | 3996 |
| 8 chrC1.171122C | A | 0.2425 | 4004 |
| 8 chrC1.171119A | C | 0.004337 | 3920 |
| 8 chrC1.171096A | G | 0.1416 | 4010 |
| 8 chrC1.171063A | G | 0.2115 | 3868 |
| 8 chrC1.170984G | A | 0.1852 | 4006 |
| 8 chrC1.170959G | A | 0.4434 | 3996 |
| 8 chrC1.170898G | A | 0.3698 | 3994 |
| 8 chrC1.170892A | G | 0.005542 | 3970 |
| 8 chrC1.170836G | A | 0.4061 | 3896 |
| 8 chrC1.170800A | G | 0.1961 | 3998 |
| 8 chrC1.170761A | G | 0.1491 | 3998 |
| 8 chrC1.170721A | G | 0.1473 | 3910 |
| 8 chrC1.170685G | A | 0.2283 | 3986 |
| 8 chrC1.170632A | G | 0.08678 | 3918 |
| 8 chrC1.170556A | G | 0.2525 | 4000 |
| 8 chrC1.170526A | G | 0.1944 | 3996 |
| 8 chrC1.170451G | A | 0.2941 | 3988 |
| 8 chrC1.170361C | A | 0.213 | 4004 |
| 8 chrC1.170332A | C | 0.002248 | 4004 |
| 8 chrC1.170294A | G | 0.1415 | 4006 |
| 8 chrC1.170251C | A | 0.4597 | 3768 |
| 8 chrC1.170221C | A | 0.1975 | 3944 |
| 8 chrUn.74827G | A | 0.04323 | 4002 |
| 8 chrUn36.364G | A | 0.1824 | 3980 |
| 8 chrUn36.370A | G | 0.1734 | 4002 |
| 8 chrUn36.378A | G | 0.499 | 3852 |

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| 8 chrUn36.3801A | C | 0.1006 | 3886 |
| 8 chrC1.177264A | G | 0.01327 | 3994 |
| 8 chrC1.177297G | A | 0.1686 | 3974 |
| 8 chrC1.177322A | G | 0.3456 | 4002 |
| 8 chrC1.177348A | G | 0.3018 | 3970 |
| 8 chrC1.177419G | A | 0.3332 | 3974 |
| 8 chrC1.177447A | G | 0.06915 | 4006 |
| 8 chrC1.177474A | G | 0.05759 | 3924 |
| 8 chrC1.177519G | A | 0.2791 | 3980 |
| 8 chrC1.177579A | G | 0.09731 | 4008 |
| 8 chrC1.177627C | A | 0.2488 | 4008 |
| 8 chrC1.177669A | G | 0.4091 | 3992 |
| 8 chrC1.177751G | A | 0.04219 | 4006 |
| 8 chrC1.177787C | A | 0.0679 | 4006 |
| 8 chrC1.177891A | G | 0.1535 | 4006 |
| 8 chrC1.177949A | G | 0.2802 | 3712 |
| 8 chrF2.538050A | G | 0.1276 | 4004 |
| 8 chrC1.178019A | G | 0.1812 | 3990 |
| 8 chrC1.178079G | A | 0.1709 | 4008 |
| 8 chrC1.178134A | G | 0.2117 | 4006 |
| 8 chrC1.178169C | A | 0.237 | 4004 |
| 8 chrC1.178197G | A | 0.2189 | 3992 |
| 8 chrC1.178257A | C | 0.245 | 4000 |
| 8 chrC1.178289A | G | 0.0433 | 3834 |
| 8 chrC1.178321G | A | 0.405 | 4002 |
| 8 chrC1.178347A | G | 0.468 | 3966 |
| 8 chrC1.178386A | G | 0.2481 | 3890 |
| 8 chrC1.178424G | A | 0.3109 | 3992 |
| 8 chrC1.178448A | G | 0.06818 | 4004 |
| 8 chrC1.178509G | A | 0.2779 | 3984 |
| 8 chrC1.178528G | A | 0.4116 | 4004 |
| 8 chrC1.178538G | A | 0.09434 | 3996 |
| 8 chrC1.178558G | A | 0.1279 | 3964 |
| 8 chrC1.178590G | A | 0.2765 | 3978 |
| 8 chrC1.178681G | A | 0.3162 | 3988 |
| 8 chrC1.178716A | G | 0.2705 | 3982 |
| 8 chrC1.178748C | A | 0.3128 | 3938 |
| 8 chrC1.178776G | A | 0.07364 | 4006 |
| 8 chrC1.178810A | G | 0.358 | 4006 |
| 8 chrC1.178838G | A | 0.2471 | 4006 |
| 8 chrC1.127249G | A | 0.3279 | 4004 |

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| 8 chrC1.178901A | G | 0.1641 | 3974 |
| 8 chrC1.178926G | A | 0.234 | 4000 |
| 8 chrC1.178989G | A | 0.05567 | 3790 |
| 8 chrC1.179012A | G | 0.3948 | 4010 |
| 8 chrC1.179064G | A | 0.4002 | 4008 |
| 8 chrC1.179089G | A | 0.4168 | 4000 |
| 8 chrC1.179133G | A | 0.2413 | 4004 |
| 8 chrC1.179158A | G | 0.01348 | 4006 |
| 8 chrC1.179188G | A | 0.4148 | 4002 |
| 8 chrC1.179215G | A | 0.2971 | 3998 |
| 8 chrC1.179243G | A | 0.3975 | 3932 |
| 8 chrC1.179267G | A | 0.3642 | 4000 |
| 8 chrC1.179303G | A | 0.0504 | 4008 |
| 8 chrC1.179340G | A | 0.148 | 4008 |
| 8 chrC1.179373G | A | 0.2044 | 4006 |
| 8 chrC1.179466G | A | 0.444 | 4002 |
| 8 chrC1.179509A | G | 0.08633 | 4008 |
| 8 chrC1.179536A | G | 0.1474 | 4002 |
| 8 chrC1.179596G | A | 0.261 | 3996 |
| 8 chrC1.179650A | G | 0.4567 | 3998 |
| 8 chrC1.179702C | A | 0.1658 | 4004 |
| 8 chrC1.179762A | G | 0.04905 | 3996 |
| 8 chrC1.179806A | G | 0.4363 | 3974 |
| 8 chrC1.179824A | C | 0.08329 | 3926 |
| 8 chrC1.179830A | C | 0.2036 | 3978 |
| 8 chrC1.179963A | C | 0.1511 | 4004 |
| 8 chrC1.180007G | A | 0.3397 | 4006 |
| 8 chrC1.180040G | A | 0.2857 | 4004 |
| 8 chrC1.180097G | A | 0.4166 | 4004 |
| 8 chrC1.180210C | A | 0.1532 | 4000 |
| 8 chrC1.180251A | G | 0.1938 | 4004 |
| 8 chrC1.180329G | A | 0.3393 | 4008 |
| 8 chrC1.180400A | G | 0.2069 | 3992 |
| 8 chrC1.180434G | A | 0.4768 | 4002 |
| 8 chrC1.180478A | G | 0.4944 | 3936 |
| 8 chrC1.180512G | A | 0.2851 | 3988 |
| 8 chrC1.180581G | A | 0.2196 | 3998 |
| 8 chrC1.180610A | C | 0.4783 | 3956 |
| 8 chrC1.180641A | G | 0.2995 | 4004 |
| 8 chrC1.180717G | A | 0.478 | 4008 |
| 8 chrC1.180742G | A | 0.0111 | 3964 |

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| 8 chrC1.180791G | A | 0.1727 | 4000 |
| 8 chrC1.180826G | A | 0.3728 | 4000 |
| 8 chrC1.180861A | G | 0.01348 | 4006 |
| 8 chrC1.180879A | G | 0.1331 | 3854 |
| 8 chrC1.180944G | A | 0.1311 | 3936 |
| 8 chrC1.181043G | A | 0.269 | 3996 |
| 8 chrC1.181111G | A | 0.03432 | 3992 |
| 8 chrC1.181142A | G | 0.328 | 4006 |
| 8 chrC1.181149A | G | 0.368 | 4008 |
| 8 chrC1.181188G | A | 0.2504 | 3998 |
| 8 chrC1.181222G | A | 0.2858 | 4006 |
| 8 chrC1.181272G | A | 0.4917 | 3972 |
| 8 chrC1.181304G | A | 0.2415 | 4008 |
| 8 chrC1.181357A | C | 0.1419 | 3996 |
| 8 chrC1.181414G | A | 0.3838 | 3976 |
| 8 chrC1.181462A | G | 0.1822 | 3940 |
| 8 chrC1.181520C | A | 0.3481 | 3996 |
| 8 chrC1.181573G | A | 0.1015 | 4010 |
| 8 chrC1.181662A | G | 0.4339 | 3858 |
| 8 chrC1.181686A | G | 0.1222 | 4002 |
| 8 chrUn.458921A | C | 0.4992 | 3992 |
| 8 chrC1.181737A | G | 0.1929 | 3966 |
| 8 chrC1.181787A | G | 0.3407 | 4000 |
| 8 chrC1.181854G | A | 0.2022 | 3996 |
| 8 chrC1.181903A | G | 0.1516 | 4010 |
| 8 chrC1.181998A | G | 0.09214 | 3842 |
| 8 chrC1.182026A | G | 0.1943 | 3854 |
| 8 chrC1.182057A | G | 0.1417 | 4002 |
| 8 chrC1.182084A | G | 0.3137 | 3988 |
| 8 chrC1.182138A | G | 0.3024 | 3866 |
| 8 chrC1.182150A | G | 0.41 | 3776 |
| 8 chrC1.182170G | A | 0.101 | 3990 |
| 8 chrC1.182269C | A | 0.09609 | 3986 |
| 8 chrC1.182314A | G | 0.2832 | 3980 |
| 8 chrC1.182350G | A | 0.3089 | 4008 |
| 8 chrC1.182374G | A | 0.4474 | 3990 |
| 8 chrC1.182428A | C | 0.1298 | 4000 |
| 8 chrC1.182452A | G | 0.1282 | 4008 |
| 8 chrC1.182499G | A | 0.2021 | 4008 |
| 8 chrC1.182542A | C | 0.283 | 3982 |
| 8 chrC1.182599G | A | 0.1825 | 4006 |

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| 8 chrC1.182634A | G | 0.2106 | 3950 |
| 8 chrC1.182667A | C | 0.07323 | 3974 |
| 8 chrC1.182705C | A | 0.2759 | 4002 |
| 8 chrC1.182741G | A | 0.402 | 3998 |
| 8 chrC1.182838A | G | 0.1997 | 4002 |
| 8 chrC1.182924A | G | 0.485 | 4000 |
| 8 chrC1.182949A | G | 0.2503 | 3992 |
| 8 chrC1.182993A | G | 0.1223 | 3892 |
| 8 chrC1.183037C | A | 0.0649 | 4006 |
| 8 chrB3.164957G | A | 0.1183 | 3980 |
| 8 chrC1.183093A | G | 0.2505 | 3992 |
| 8 chrB3.165016G | A | 0.0004998 | 4002 |
| 8 chrB3.165018A | C | 0.2559 | 4006 |
| 8 chrB3.165046G | A | 0.2635 | 3988 |
| 8 chrB3.165079A | C | 0.3398 | 3970 |
| 8 chrB3.165105A | G | 0.08146 | 4002 |
| 8 chrC1.183219A | G | 0.1109 | 4002 |
| 8 chrC1.183242A | G | 0.1487 | 4000 |
| 8 chrC1.183303A | G | 0.4623 | 4000 |
| 8 chrC1.183328G | A | 0.4819 | 3988 |
| 8 chrC1.183375C | A | 0.05839 | 3922 |
| 8 chrC1.183416A | G | 0.1814 | 4008 |
| 8 chrC1.183442A | G | 0.4331 | 3978 |
| 8 chrC1.183501A | G | 0.04591 | 4008 |
| 8 chrC1.183535A | G | 0.2026 | 3974 |
| 8 chrC1.183615A | G | 0.153 | 3994 |
| 8 chrC1.183648G | A | 0.1204 | 4002 |
| 8 chrC1.183682G | A | 0.09059 | 3996 |
| 8 chrC1.183730A | G | 0.1491 | 3996 |
| 8 chrC1.183801A | G | 0.1249 | 3956 |
| 8 chrC1.183878A | G | 0.1246 | 3908 |
| 8 chrUn.371271G | A | 0.2767 | 3910 |
| 8 chrC1.183921A | G | 0.3349 | 4004 |
| 8 chrC1.183945G | A | 0.1616 | 3978 |
| 8 chrC1.183988A | G | 0.09731 | 3936 |
| 8 chrC1.184028A | G | 0.133 | 4008 |
| 8 chrC1.184055G | A | 0.2308 | 3986 |
| 8 chrC1.184085A | G | 0.2239 | 3998 |
| 8 chrC1.184150G | A | 0.4655 | 4002 |
| 8 chrC1.184216A | G | 0.3378 | 3990 |
| 8 chrC1.184258A | G | 0.09302 | 3924 |

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| 8 chrC1.184322G | A | 0.09681 | 4008 |
| 8 chrC1.184414A | G | 0.3368 | 3984 |
| 8 chrC1.184445A | G | 0.3787 | 3998 |
| 8 chrC1.184497A | G | 0.155 | 4006 |
| 8 chrC1.184565A | G | 0.007988 | 4006 |
| 8 chrC1.184590G | A | 0.4105 | 3966 |
| 8 chrC1.184735A | G | 0.2292 | 3770 |
| 8 chrC1.184757A | G | 0.1666 | 4004 |
| 8 chrC1.184796A | G | 0.255 | 3992 |
| 8 chrC1.184835A | G | 0.3116 | 3992 |
| 8 chrC1.184867A | G | 0.3018 | 3996 |
| 8 chrC1.184895A | G | 0.03933 | 3966 |
| 8 chrC1.184968G | A | 0.4683 | 3944 |
| 8 chrC1.185015A | G | 0.2006 | 3994 |
| 8 chrC1.185020G | A | 0.003244 | 4008 |
| 8 chrC1.185045G | A | 0.2499 | 3974 |
| 8 chrC1.185080A | G | 0.4853 | 4008 |
| 8 chrC1.185112G | A | 0.4809 | 3988 |
| 8 chrC1.185245A | G | 0.1709 | 3768 |
| 8 chrC1.185285A | G | 0.2467 | 3924 |
| 8 chrC1.185345G | A | 0.1994 | 4002 |
| 8 chrC1.185371G | A | 0.442 | 4002 |
| 8 chrC1.185415A | G | 0.0494 | 4008 |
| 8 chrC1.185461G | A | 0.1624 | 4002 |
| 8 chrC1.185535G | A | 0.214 | 4004 |
| 8 chrC1.185565G | A | 0.1339 | 4002 |
| 8 chrC1.185668A | G | 0.3179 | 3998 |
| 8 chrUn.526963A | G | 0.1208 | 3942 |
| 8 chrC1.185698G | A | 0.0456 | 3882 |
| 8 chrC1.185724G | A | 0.1261 | 3990 |
| 8 chrC1.185772G | A | 0.2065 | 3990 |
| 8 chrC1.185826A | G | 0.08983 | 3974 |
| 8 chrC1.185854A | G | 0.4615 | 3996 |
| 8 chrC1.185856A | G | 0.0815 | 3718 |
| 8 chrC1.186056G | A | 0.3 | 4000 |
| 8 chrC1.186082C | A | 0.23 | 4000 |
| 8 chrC1.186144G | A | 0.09389 | 3994 |
| 8 chrC1.186177A | G | 0.02361 | 3982 |
| 8 chrC1.186230A | C | 0.1515 | 3880 |
| 8 chrC1.186285A | G | 0.3608 | 3952 |
| 8 chrC1.186307A | G | 0.1714 | 4002 |

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| 8 chrC1.186388A | G | 0.3204 | 3958 |
| 8 chrUn.66686A | G | 0.4585 | 4000 |
| 8 chrUn.48035G | A | 0.4571 | 3982 |
| 8 chrUn.48035A | C | 0.2421 | 4002 |
| 8 chrC1.186523G | A | 0.269 | 3974 |
| 8 chrC1.186557G | A | 0.4923 | 4008 |
| 8 chrC1.186598C | A | 0.08124 | 3976 |
| 8 chrC1.186626G | A | 0.2089 | 4006 |
| 8 chrC1.186667G | A | 0.05445 | 4004 |
| 8 chrC1.186698G | A | 0.1784 | 3996 |
| 8 chrC1.186753A | G | 0.2067 | 4006 |
| 8 chrC1.186778A | G | 0.0845 | 3704 |
| 8 chrC1.186841G | A | 0.4752 | 3956 |
| 8 chrC1.186882A | G | 0.05162 | 4010 |
| 8 chrC1.186916A | G | 0.3777 | 3990 |
| 8 chrC1.186947A | G | 0.208 | 4000 |
| 8 chrC1.187007G | A | 0.3012 | 4004 |
| 8 chrC1.187034G | A | 0.3431 | 4008 |
| 8 chrC1.187102A | G | 0.1716 | 4004 |
| 8 chrC1.187130A | G | 0.07902 | 3708 |
| 8 chrC1.187149G | A | 0.3511 | 4002 |
| 8 chrC1.187225G | A | 0.04314 | 4010 |
| 8 chrC1.187289A | G | 0.2874 | 3900 |
| 8 chrC1.187311A | G | 0.1767 | 4002 |
| 8 chrC1.187331C | A | 0.2066 | 3978 |
| 8 chrC1.187377C | A | 0.1161 | 4006 |
| 8 chrC1.187409A | C | 0.4608 | 4006 |
| 8 chrC1.187476A | G | 0.1529 | 4010 |
| 8 chrC1.187522A | C | 0.0002495 | 4008 |
| 8 chrC1.187572A | C | 0.3606 | 3996 |
| 8 chrC1.187621G | A | 0.1512 | 3996 |
| 8 chrC1.187647A | G | 0.2495 | 4004 |
| 8 chrC1.187674A | G | 0.4754 | 3944 |
| 8 chrC1.187741G | A | 0.02591 | 3782 |
| 8 chrC1.187840G | A | 0.1871 | 4008 |
| 8 chrC1.187888A | C | 0.4595 | 3998 |
| 8 chrC1.187983A | G | 0.28 | 3978 |
| 8 chrC1.188047A | G | 0.1791 | 3992 |
| 8 chrC1.188127G | A | 0.1017 | 3962 |
| 8 chrC1.188184A | G | 0.2467 | 3996 |
| 8 chrC1.188267C | A | 0.2495 | 3948 |

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| 8 chrC1.188295G | A | 0.2645 | 3932 |
| 8 chrC1.188323A | G | 0.3233 | 4002 |
| 8 chrC1.188349A | G | 0.2754 | 3994 |
| 8 chrC1.188389A | G | 0.3106 | 3986 |
| 8 chrUn.232539G | A | 0.1902 | 4006 |
| 8 chrC1.188527A | G | 0.1978 | 3964 |
| 8 chrC1.188584A | G | 0.1385 | 4000 |
| 8 chrC1.188620A | C | 0.04972 | 3962 |
| 8 chrC1.188684G | A | 0.3938 | 3972 |
| 8 chrC1.188730A | G | 0.2579 | 4006 |
| 8 chrC1.188779C | A | 0.4853 | 3938 |
| 8 chrC1.188800G | A | 0.1834 | 4002 |
| 8 chrB2.153056G | A | 0.1266 | 3990 |
| 8 chrC1.188905A | G | 0.3097 | 4004 |
| 8 chrC1.188950A | G | 0.2646 | 3994 |
| 8 chrC1.188980A | G | 0.02849 | 3826 |
| 8 chrC1.189051G | A | 0.3983 | 3974 |
| 8 chrC1.189089A | G | 0.09463 | 3984 |
| 8 chrC1.189115A | G | 0.3526 | 3968 |
| 8 chrC1.189142C | A | 0.0696 | 3980 |
| 8 chrC1.189226A | G | 0.246 | 4008 |
| 8 chrC1.189253G | A | 0.2112 | 4010 |
| 8 chrC1.189298G | A | 0.3262 | 4000 |
| 8 chrC1.189326C | A | 0.04555 | 3974 |
| 8 chrC1.189399A | G | 0.1051 | 4006 |
| 8 chrC1.189439G | A | 0.4535 | 4004 |
| 8 chrC1.189474C | A | 0.2431 | 4006 |
| 8 chrC1.189498G | A | 0.2293 | 3982 |
| 8 chrC1.189596G | A | 0.3481 | 3996 |
| 8 chrC1.189648A | G | 0.2286 | 3990 |
| 8 chrC1.189691G | A | 0.1141 | 4004 |
| 8 chrC1.189760G | A | 0.2619 | 4002 |
| 8 chrUn.740709G | A | 0.3917 | 3978 |
| 8 chrC1.189787A | G | 0.08496 | 4002 |
| 8 chrC1.189813A | C | 0.3163 | 3984 |
| 8 chrC1.189879A | G | 0.2003 | 4004 |
| 8 chrC1.189914A | G | 0.1532 | 4008 |
| 8 chrC1.189942A | G | 0.238 | 3866 |
| 8 chrC1.189972C | A | 0.01072 | 4010 |
| 8 chrC1.190002A | G | 0.08543 | 3980 |
| 8 chrC1.190073A | G | 0.2136 | 4002 |

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| 8 chrC1.190109G | A | 0.2521 | 4006 |
| 8 chrC1.190193A | G | 0.4051 | 3932 |
| 8 chrC1.190251A | G | 0.4532 | 3998 |
| 8 chrC1.190300G | A | 0.1292 | 4008 |
| 8 chrC1.190409A | G | 0.1929 | 3966 |
| 8 chrC1.190434G | A | 0.003242 | 4010 |
| 8 chrC1.190508G | A | 0.478 | 3994 |
| 8 chrC1.190532A | G | 0.3026 | 3860 |
| 8 chrC1.190566G | A | 0.3049 | 4004 |
| 8 chrC1.190607A | G | 0.352 | 3972 |
| 8 chrC1.190683A | G | 0.2886 | 3894 |
| 8 chrC1.190709G | A | 0.4854 | 3964 |
| 8 chrC1.190725A | C | 0.321 | 3984 |
| 8 chrC1.190780A | G | 0.2946 | 3938 |
| 8 chrB4.217039A | G | 0.242 | 4000 |
| 8 chrC1.190870A | G | 0.3322 | 4004 |
| 8 chrC1.190904A | G | 0.3397 | 3954 |
| 8 chrUn.559401G | A | 0.2339 | 4002 |
| 8 chrC1.190979A | G | 0.1614 | 4008 |
| 8 chrC1.191018C | A | 0.09055 | 3998 |
| 8 chrC1.191076A | G | 0.3051 | 3996 |
| 8 chrC1.191103A | G | 0.3217 | 4004 |
| 8 chrC1.191150A | C | 0.3081 | 3934 |
| 8 chrC1.191178A | G | 0.1778 | 4004 |
| 8 chrC1.191223A | G | 0.04845 | 4004 |
| 8 chrC1.191269G | A | 0.06758 | 4010 |
| 8 chrC1.191309A | G | 0.2872 | 3802 |
| 8 chrC1.191345A | G | 0.3595 | 3980 |
| 8 chrC1.191370G | A | 0.4114 | 3986 |
| 8 chrC1.191419A | G | 0.06647 | 3972 |
| 8 chrC1.191475G | A | 0.268 | 4004 |
| 8 chrC1.191570A | G | 0.03154 | 3932 |
| 8 chrC1.191597G | A | 0.2818 | 3910 |
| 8 chrC1.191638G | A | 0.2772 | 3990 |
| 8 chrC1.191718C | A | 0.06088 | 4008 |
| 8 chrC1.191806G | A | 0.02345 | 4008 |
| 8 chrC1.191846G | A | 0.2487 | 3996 |
| 8 chrC1.191933A | G | 0.3827 | 4000 |
| 8 chrC1.191980G | A | 0.4091 | 3906 |
| 8 chrC1.192046G | A | 0.2533 | 3940 |
| 8 chrC1.192091G | A | 0.2307 | 3936 |

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| 8 chrC1.192128G | A | 0.4355 | 4002 |
| 8 chrC1.192248A | G | 0.1562 | 3912 |
| 8 chrC1.192288G | A | 0.1916 | 3998 |
| 8 chrC1.192337G | A | 0.3869 | 4004 |
| 8 chrC1.192396A | G | 0.3648 | 4002 |
| 8 chrC1.192431G | A | 0.1835 | 3968 |
| 8 chrX.1428916G | A | 0.2899 | 4002 |
| 8 chrC1.192458A | G | 0.3128 | 3974 |
| 8 chrC1.192500G | A | 0.4433 | 3968 |
| 8 chrC1.192539G | A | 0.0999 | 3984 |
| 8 chrC1.192553G | A | 0.2303 | 4008 |
| 8 chrC1.192563A | G | 0.1951 | 4004 |
| 8 chrC1.192617A | G | 0.02754 | 3740 |
| 8 chrC1.192661G | A | 0.3665 | 3994 |
| 8 chrC1.192685G | A | 0.2831 | 3952 |
| 8 chrC1.192782G | A | 0.2932 | 3994 |
| 8 chrC1.192830A | G | 0.08375 | 3964 |
| 8 chrC1.192888A | G | 0.04768 | 3880 |
| 8 chrC1.192941A | G | 0.3313 | 3800 |
| 8 chrC1.192976A | C | 0.09504 | 3914 |
| 8 chrC1.193041C | A | 0.1351 | 4004 |
| 8 chrC1.193094G | A | 0.1564 | 3958 |
| 8 chrC1.193097A | G | 0.4785 | 4000 |
| 8 chrC1.193131G | A | 0.2311 | 3994 |
| 8 chrC1.193155A | G | 0.4785 | 3996 |
| 8 chrC1.193355A | G | 0.4741 | 3902 |
| 8 chrC1.193394G | A | 0.05614 | 4008 |
| 8 chrC1.193448A | G | 0.4577 | 3998 |
| 8 chrC1.193480C | A | 0.05364 | 4008 |
| 8 chrC1.193523A | G | 0.03669 | 4006 |
| 8 chrC1.193613C | A | 0.03669 | 4006 |
| 8 chrC1.193646A | C | 0.1392 | 4008 |
| 8 chrUn.543617G | A | 0.4447 | 3834 |
| 8 chrC1.193703A | G | 0.1283 | 3810 |
| 8 chrC1.193757A | G | 0.2129 | 4006 |
| 8 chrC1.193828G | A | 0.03994 | 4006 |
| 8 chrC1.193874G | A | 0.2484 | 4006 |
| 8 chrC1.193897 | 0 A | 0 | 4010 |
| 8 chrC1.193967G | A | 0.3413 | 3994 |
| 8 chrC1.194009G | A | 0.1251 | 4006 |
| 8 chrC1.194046G | A | 0.1974 | 4008 |

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| 8 chrC1.194111G | A | 0.2117 | 4000 |
| 8 chrC1.194196A | G | 0.03979 | 3996 |
| 8 chrUn.60847A | G | 0.2291 | 3772 |
| 8 chrC1.194260A | G | 0.2125 | 4000 |
| 8 chrC1.194288A | G | 0.2409 | 3998 |
| 8 chrC1.194364G | A | 0.2742 | 3986 |
| 8 chrC1.194477C | A | 0.2202 | 4000 |
| 8 chrC1.194513A | G | 0.225 | 3960 |
| 8 chrC1.194542A | G | 0.1971 | 3916 |
| 8 chrC1.194560G | A | 0.2725 | 4000 |
| 8 chrC1.194595G | A | 0.2192 | 3988 |
| 8 chrC1.194633G | A | 0.03877 | 3998 |
| 8 chrC1.194664A | G | 0.01471 | 4010 |
| 8 chrC1.194713A | G | 0.484 | 4000 |
| 8 chrC1.194749G | A | 0.04443 | 4006 |
| 8 chrC1.194817C | A | 0.4304 | 3964 |
| 8 chrUn36.3831A | G | 0.1334 | 4010 |
| 8 chrUn36.3871G | A | 0.3731 | 4004 |
| 8 chrUn36.3891A | G | 0.1459 | 4002 |
| 8 chrUn36.3980G | A | 0.2154 | 3960 |
| 8 chrUn36.4041A | G | 0.2607 | 3990 |
| 8 chrUn36.4071A | C | 0.05066 | 3968 |
| 8 chrUn36.4151A | G | 0.3275 | 3994 |
| 8 chrUn36.4191A | G | 0.1791 | 3908 |
| 8 chrUn36.4224G | A | 0.2704 | 3980 |
| 8 chrUn36.4251G | A | 0.1911 | 3978 |
| 8 chrUn36.4311G | A | 0.086 | 3872 |
| 8 chrUn36.4351G | A | 0.008978 | 4010 |
| 8 chrUn36.4371G | A | 0.245 | 4008 |
| 8 chrUn36.4421G | A | 0.2929 | 3998 |
| 8 chrUn36.4461G | A | 0.2587 | 4000 |
| 8 chrUn36.4581G | A | 0.1786 | 4008 |
| 8 chrUn36.4654G | A | 0.2032 | 3992 |
| 8 chrUn36.4611A | G | 0.426 | 3972 |
| 8 chrUn36.4701G | A | 0.01891 | 3966 |
| 8 chrUn36.4781A | G | 0.05539 | 4008 |
| 8 chrUn36.4811A | G | 0.4731 | 3982 |
| 8 chrUn36.4871A | G | 0.1794 | 3996 |
| 8 chrUn36.4874G | A | 0.4583 | 3982 |
| 8 chrUn36.4911A | G | 0.008585 | 3844 |
| 8 chrUn36.4941A | G | 0.05988 | 4008 |

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| 8 chrUn36.496†G | A | 0.3915 | 4000 |
| 8 chrUn36.500†A | G | 0.4483 | 3982 |
| 8 chrUn36.503†A | G | 0.1326 | 4004 |
| 8 chrUn36.507†C | A | 0.2249 | 3992 |
| 8 chrUn36.513†A | G | 0.2155 | 3968 |
| 8 chrUn36.521†A | G | 0.4479 | 3858 |
| 8 chrUn36.522†G | A | 0.2682 | 3874 |
| 8 chrUn36.524†A | G | 0.0007837 | 3828 |
| 8 chrUn36.526†A | C | 0.1818 | 4004 |
| 8 chrUn36.532†G | A | 0.4368 | 3860 |
| 8 chrUn36.537†A | G | 0.03769 | 4006 |
| 8 chrUn36.545†A | G | 0.1551 | 3966 |
| 8 chrUn36.550†A | G | 0.3585 | 3908 |
| 8 chrUn36.552†A | C | 0.4429 | 4008 |
| 8 chrUn36.556†A | G | 0.2309 | 3998 |
| 8 chrUn.50496†A | G | 0.1062 | 3944 |
| 8 chrUn36.569†A | G | 0.2674 | 3796 |
| 8 chrUn36.573†A | G | 0.2288 | 3982 |
| 8 chrUn36.578†A | G | 0.4923 | 3920 |
| 8 chrUn36.586†G | A | 0.02046 | 4008 |
| 8 chrUn36.592†C | A | 0.4443 | 3988 |
| 8 chrUn36.597†C | A | 0.383 | 4000 |
| 8 chrUn36.600†A | G | 0.3556 | 3926 |
| 8 chrUn36.606†G | A | 0.03933 | 3890 |
| 8 chrUn36.608†G | A | 0.01574 | 4002 |
| 8 chrUn36.611†G | A | 0.0636 | 3994 |
| 8 chrUn36.616†C | A | 0.291 | 3942 |
| 8 chrUn36.620†A | G | 0.03318 | 4008 |
| 8 chrUn36.623†A | G | 0.01148 | 4008 |
| 8 chrUn36.629†A | G | 0.3317 | 4004 |
| 8 chrUn36.633†A | G | 0.1239 | 3970 |
| 8 chrUn36.638†A | G | 0.3975 | 3970 |
| 8 chrUn36.640†G | A | 0.03684 | 3854 |
| 8 chrUn36.645†A | G | 0.05567 | 4006 |
| 8 chrUn36.649†A | G | 0.37 | 4000 |
| 8 chrUn36.654†A | G | 0.3076 | 3986 |
| 8 chrUn36.657†A | G | 0.2053 | 3974 |
| 8 chrUn36.660†A | G | 0.05279 | 3940 |
| 8 chrUn36.666†A | G | 0.4088 | 4004 |
| 8 chrUn26.618†A | G | 0.4913 | 3912 |
| 8 chrUn.69683†A | G | 0.3307 | 3940 |

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| 8 chrUn37.464A | G | 0.3773 | 3994 |
| 8 chrUn37.531G | A | 0.2269 | 3976 |
| 8 chrUn37.813A | G | 0.1955 | 4006 |
| 8 chrUn37.137A | G | 0.2395 | 3920 |
| 8 chrUn37.142A | C | 0.00786 | 3944 |
| 8 chrUn37.200G | A | 0.2631 | 4002 |
| 8 chrUn37.256G | A | 0.2194 | 3998 |
| 8 chrD2.79171G | A | 0.01372 | 4008 |
| 8 chrD2.80442G | A | 0.2786 | 3992 |
| 8 chrD2.81056A | G | 0.01778 | 3880 |
| 8 chrUn37.331C | A | 0.008763 | 3994 |
| 8 chrUn37.372A | C | 0.3492 | 3958 |
| 8 chrUn37.398A | G | 0.4493 | 3942 |
| 8 chrUn37.445A | G | 0.004781 | 3974 |
| 8 chrUn37.486G | A | 0.236 | 3920 |
| 8 chrUn37.531A | G | 0.1926 | 4004 |
| 8 chrUn37.575G | A | 0.2325 | 3952 |
| 8 chrUn37.628A | C | 0.2068 | 4004 |
| 8 chrUn37.683C | A | 0.1857 | 4006 |
| 8 chrUn37.720A | G | 0.08229 | 4010 |
| 8 chrA3.57427 | 0 G | 0 | 4008 |
| 8 chrC1.19484A | G | 0.01796 | 4010 |
| 8 chrC1.19489G | A | 0.256 | 4000 |
| 8 chrC1.19495A | G | 0.1967 | 3950 |
| 8 chrC1.19507A | G | 0.4589 | 3994 |
| 8 chrC1.19509A | G | 0.4452 | 4000 |
| 8 chrC1.19513A | G | 0.2807 | 3958 |
| 8 chrB1.45045 | 0 A | 0 | 3970 |
| 8 chrC1.19521C | A | 0.2095 | 4000 |
| 8 chrC1.19525G | A | 0.3599 | 4004 |
| 8 chrC1.19529G | A | 0.1559 | 4008 |
| 8 chrC1.19531A | G | 0.07376 | 3918 |
| 8 chrC1.19535A | G | 0.253 | 3996 |
| 8 chrC1.19542A | G | 0.09471 | 3780 |
| 8 chrUn.51608A | G | 0.03325 | 3910 |
| 8 chrC1.19548A | C | 0.2348 | 3918 |
| 8 chrC1.19550G | A | 0.04144 | 4006 |
| 8 chrC1.19553A | G | 0.05934 | 3994 |
| 8 chrC1.19556G | A | 0.1174 | 4004 |
| 8 chrC1.19561G | A | 0.2564 | 4002 |
| 8 chrC1.19565A | C | 0.1029 | 3994 |

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| 8 chrC1.195717G | A | 0.1958 | 3988 |
| 8 chrC1.195757C | A | 0.1557 | 3964 |
| 8 chrC1.195784A | G | 0.2194 | 3984 |
| 8 chrC1.195819A | C | 0.4795 | 3998 |
| 8 chrC1.195869A | G | 0.2285 | 4000 |
| 8 chrC1.195911A | G | 0.2527 | 4004 |
| 8 chrC1.195947A | G | 0.2579 | 4002 |
| 8 chrC1.196020A | C | 0.02134 | 3984 |
| 8 chrC1.196071A | G | 0.3102 | 3968 |
| 8 chrC1.196131A | G | 0.1349 | 4002 |
| 8 chrC1.196164A | C | 0.03328 | 3756 |
| 8 chrC1.196192C | A | 0.006033 | 3978 |
| 8 chrC1.196220A | G | 0.1404 | 3982 |
| 8 chrC1.196240A | G | 0.09077 | 3988 |
| 8 chrC1.196281G | A | 0.3018 | 4000 |
| 8 chrC1.196311C | A | 0.2595 | 3622 |
| 8 chrC1.196354A | C | 0.166 | 3982 |
| 8 chrC1.196415A | G | 0.3023 | 4000 |
| 8 chrC1.196447A | G | 0.08612 | 4006 |
| 8 chrC1.196477A | G | 0.455 | 3998 |
| 8 chrC1.196555A | G | 0.3113 | 3980 |
| 8 chrC1.196570A | G | 0.008938 | 3804 |
| 8 chrC1.196640A | G | 0.1943 | 3736 |
| 8 chrC1.196696C | A | 0.25 | 4000 |
| 8 chrC1.196723A | G | 0.1601 | 4004 |
| 8 chrC1.196758A | G | 0.184 | 4000 |
| 8 chrC1.196835G | A | 0.4391 | 4006 |
| 8 chrC1.196898A | G | 0.208 | 3996 |
| 8 chrC1.196931A | G | 0.3059 | 3998 |
| 8 chrC1.197026G | A | 0.2051 | 4008 |
| 8 chrC1.197060G | A | 0.1668 | 3908 |
| 8 chrC1.197097A | G | 0.3018 | 4002 |
| 8 chrC1.197152A | G | 0.1373 | 3976 |
| 8 chrC1.197182A | G | 0.4862 | 3998 |
| 8 chrC1.197244G | A | 0.1882 | 3990 |
| 8 chrC1.197281A | G | 0.09086 | 4006 |
| 8 chrC1.197309A | G | 0.2667 | 4004 |
| 8 chrC1.197344G | A | 0.3096 | 3808 |
| 8 chrC1.197387A | G | 0.3781 | 3930 |
| 8 chrC1.197429G | A | 0.2933 | 3996 |
| 8 chrC1.197480A | G | 0.4186 | 4004 |

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| 8 chrC1.197508A | C | 0.04746 | 3856 |
| 8 chrC1.197548C | A | 0.2839 | 3970 |
| 8 chrC1.197577A | G | 0.08563 | 3994 |
| 8 chrC1.197605C | A | 0.2354 | 4006 |
| 8 chrC1.197635G | A | 0.2561 | 3998 |
| 8 chrC1.197685G | A | 0.3184 | 3964 |
| 8 chrC1.197717A | G | 0.1853 | 3998 |
| 8 chrC1.197745G | A | 0.3267 | 3994 |
| 8 chrC1.197813A | G | 0.4865 | 4004 |
| 8 chrC1.197838G | A | 0.322 | 4000 |
| 8 chrC1.197966G | A | 0.3515 | 3952 |
| 8 chrC1.197985A | G | 0.4809 | 3978 |
| 8 chrC1.198031A | G | 0.3146 | 3960 |
| 8 chrC1.198064A | G | 0.4674 | 3984 |
| 8 chrC1.198155A | G | 0.08869 | 3924 |
| 8 chrC1.198237G | A | 0.3943 | 3946 |
| 8 chrC1.198272A | G | 0.3444 | 4004 |
| 8 chrC1.198345G | A | 0.09454 | 3956 |
| 8 chrC1.198375G | A | 0.3635 | 3906 |
| 8 chrC1.198401G | A | 0.4427 | 3996 |
| 8 chrC1.198457A | G | 0.01812 | 3918 |
| 8 chrC1.198533G | A | 0.1217 | 3970 |
| 8 chrC1.198666G | A | 0.1263 | 4006 |
| 8 chrC1.198695A | G | 0.09334 | 3846 |
| 8 chrC1.198778G | A | 0.01796 | 4010 |
| 8 chrC1.198802A | G | 0.04194 | 4006 |
| 8 chrC1.198845G | A | 0.0565 | 4000 |
| 8 chrC1.198888A | G | 0.2556 | 4002 |
| 8 chrC1.198952A | G | 0.1059 | 4004 |
| 8 chrC1.199042A | C | 0.2667 | 3986 |
| 8 chrC1.199085A | C | 0.2242 | 4006 |
| 8 chrC1.199117A | G | 0.3722 | 4006 |
| 8 chrC1.199154A | G | 0.1775 | 3904 |
| 8 chrC1.199225A | G | 0.1098 | 4008 |
| 8 chrC1.199297A | G | 0.4139 | 3986 |
| 8 chrC1.199354C | A | 0.2931 | 3930 |
| 8 chrC1.199377G | A | 0.1261 | 4006 |
| 8 chrC1.199388G | A | 0.1817 | 3996 |
| 8 chrC1.199492A | G | 0.163 | 3952 |
| 8 chrC1.199526A | G | 0.4837 | 3998 |
| 8 chrC1.199568A | G | 0.48 | 4000 |

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| 8 chrC1.199632A | G | 0.388 | 4000 |
| 8 chrC1.199661G | A | 0.4488 | 4006 |
| 8 chrC1.199727A | G | 0.3713 | 4002 |
| 8 chrUn.48228G | A | 0.3077 | 3984 |
| 8 chrC1.199755A | G | 0.2059 | 4002 |
| 8 chrC1.199793A | C | 0.0586 | 3908 |
| 8 chrC1.199883C | A | 0.4917 | 3998 |
| 8 chrC1.199944A | G | 0.2888 | 3916 |
| 8 chrUn.25014G | A | 0.08775 | 4000 |
| 8 chrC1.199993A | G | 0.3516 | 3988 |
| 8 chrC1.200023A | G | 0.1203 | 4006 |
| 8 chrC1.200058A | C | 0.08787 | 4006 |
| 8 chrC1.200097G | A | 0.2594 | 4006 |
| 8 chrC1.200125G | A | 0.177 | 4000 |
| 8 chrC1.200190A | G | 0.2033 | 3896 |
| 8 chrC1.200217A | C | 0.08375 | 3988 |
| 8 chrC1.200428G | A | 0.09381 | 4008 |
| 8 chrC1.200481G | A | 0.255 | 4004 |
| 8 chrC1.200511A | G | 0.2641 | 4006 |
| 8 chrC1.200566G | A | 0.3541 | 4004 |
| 8 chrC1.200590G | A | 0.3165 | 4006 |
| 8 chrC1.200617A | G | 0.487 | 3998 |
| 8 chrC1.200654G | A | 0.08234 | 4008 |
| 8 chrUn.39690A | G | 0.2629 | 3876 |
| 8 chrC1.200801A | G | 0.1329 | 4004 |
| 8 chrC1.200825G | A | 0.09406 | 4008 |
| 8 chrC1.200864A | G | 0.01583 | 3854 |
| 8 chrC1.200904A | G | 0.09828 | 3948 |
| 8 chrC1.200948A | G | 0.192 | 3994 |
| 8 chrC1.200981A | C | 0.08858 | 3940 |
| 8 chrC1.201005G | A | 0.2778 | 3974 |
| 8 chrC1.201022C | A | 0.1538 | 3952 |
| 8 chrC1.201051A | G | 0.1192 | 3978 |
| 8 chrC1.201097G | A | 0.1457 | 4002 |
| 8 chrC1.201204A | G | 0.07567 | 4004 |
| 8 chrC1.201251G | A | 0.3254 | 3992 |
| 8 chrC1.201313G | A | 0.2916 | 3940 |
| 8 chrC1.201329A | G | 0.07375 | 4000 |
| 8 chrC1.201346A | C | 0.05033 | 3974 |
| 8 chrC1.201384C | A | 0.119 | 4000 |
| 8 chrC1.201410A | G | 0.3721 | 4002 |

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| 8 chrC1.201452G | A | 0.1803 | 3922 |
| 8 chrC1.201506A | G | 0.2168 | 4008 |
| 8 chrC1.201528G | A | 0.3028 | 4000 |
| 8 chrC1.201623A | C | 0.1598 | 4004 |
| 8 chrC1.201707G | A | 0.001247 | 4010 |
| 8 chrC1.201761A | G | 0.1396 | 4004 |
| 8 chrC1.201792A | G | 0.08558 | 4008 |
| 8 chrC1.201836A | G | 0.3596 | 3902 |
| 8 chrC1.201857G | A | 0.222 | 4004 |
| 8 chrC1.201911A | C | 0.4728 | 4002 |
| 8 chrC1.201942G | A | 0.3896 | 4002 |
| 8 chrC1.201976G | A | 0.1637 | 3990 |
| 8 chrC1.202003A | G | 0.2731 | 4010 |
| 8 chrC1.202048G | A | 0.1911 | 4004 |
| 8 chrC1.202058A | G | 0.2543 | 3980 |
| 8 chrC1.202075A | G | 0.1437 | 3952 |
| 8 chrC1.202131A | G | 0.4397 | 3998 |
| 8 chrC1.202188G | A | 0.01875 | 4000 |
| 8 chrC1.202212A | C | 0.2717 | 3986 |
| 8 chrC1.202271A | C | 0.4273 | 4002 |
| 8 chrC1.202311A | G | 0.1672 | 3912 |
| 8 chrC1.202366G | A | 0.2584 | 3998 |
| 8 chrC1.202421G | A | 0.1794 | 3992 |
| 8 chrC1.202493C | A | 0.099 | 4010 |
| 8 chrC1.202737A | G | 0.1846 | 3988 |
| 8 chrC1.202822A | G | 0.4862 | 3996 |
| 8 chrC1.202866A | G | 0.1677 | 4006 |
| 8 chrC1.202926G | A | 0.1677 | 3960 |
| 8 chrC1.202997A | G | 0.2965 | 4004 |
| 8 chrC1.203072A | G | 0.3488 | 4002 |
| 8 chrC1.203103A | G | 0.00125 | 4000 |
| 8 chrC1.203158A | C | 0.2892 | 3966 |
| 8 chrC1.203174 | 0 A | 0 | 4010 |
| 8 chrC1.203216A | G | 0.1364 | 3996 |
| 8 chrC1.203281A | G | 0.1436 | 3990 |
| 8 chrC1.203306A | G | 0.09918 | 3882 |
| 8 chrC1.203317A | G | 0.3961 | 3926 |
| 8 chrUn.764764G | A | 0.2069 | 3930 |
| 8 chrC1.203348A | G | 0.07431 | 4010 |
| 8 chrC1.203375C | A | 0.1035 | 4008 |
| 8 chrC1.203473C | A | 0.1152 | 4000 |

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| 8 chrC1.203495G | A | 0.1111 | 3998 |
| 8 chrUn.19785G | A | 0.2142 | 4006 |
| 8 chrC1.203552G | A | 0.07525 | 4000 |
| 8 chrC1.203591A | G | 0.223 | 3968 |
| 8 chrC1.203648A | G | 0.1055 | 4010 |
| 8 chrC1.203721A | G | 0.1993 | 3998 |
| 8 chrC1.203778A | G | 0.4112 | 4010 |
| 8 chrC1.203810G | A | 0.08496 | 4002 |
| 8 chrC1.203842A | G | 0.4719 | 3980 |
| 8 chrC1.203891A | G | 0.4536 | 3880 |
| 8 chrC1.203985G | A | 0.3415 | 3994 |
| 8 chrC1.204024A | G | 0.02753 | 3886 |
| 8 chrC1.204045G | A | 0.3875 | 3954 |
| 8 chrC1.204086C | A | 0.09735 | 3996 |
| 8 chrC1.204112A | G | 0.03804 | 3996 |
| 8 chrC1.204142G | A | 0.319 | 4000 |
| 8 chrX.8153904A | G | 0.1377 | 3878 |
| 8 chrC1.204215G | A | 0.2071 | 4002 |
| 8 chrC1.204255G | A | 0.02592 | 3974 |
| 8 chrC1.204324A | C | 0.02549 | 4002 |
| 8 chrC1.204366A | G | 0.02646 | 3968 |
| 8 chrUn.77837A | G | 0.4688 | 3914 |
| 8 chrC1.204395A | G | 0.3129 | 4008 |
| 8 chrC1.204488C | A | 0.2697 | 3986 |
| 8 chrC1.204555G | A | 0.08696 | 4002 |
| 8 chrC1.204620C | A | 0.3357 | 3992 |
| 8 chrC1.204646A | G | 0.3628 | 3972 |
| 8 chrC1.204685A | G | 0.01982 | 3834 |
| 8 chrC1.204712A | G | 0.4635 | 4004 |
| 8 chrC1.204751G | A | 0.2064 | 3900 |
| 8 chrC1.204818A | G | 0.243 | 4004 |
| 8 chrC1.204857A | G | 0.1445 | 4000 |
| 8 chrC1.204922C | A | 0.03306 | 3902 |
| 8 chrC1.204986A | G | 0.1536 | 3998 |
| 8 chrC1.205022G | A | 0.08117 | 4004 |
| 8 chrC1.205047G | A | 0.2603 | 3996 |
| 8 chrC1.205087A | G | 0.3982 | 4000 |
| 8 chrC1.205126G | A | 0.2871 | 3992 |
| 8 chrC1.205217A | G | 0.2742 | 3994 |
| 8 chrC1.205258G | A | 0.1089 | 3996 |
| 8 chrC1.205302C | A | 0.3006 | 3906 |

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| 8 chrE3.122181G | A | 0.4982 | 3996 |
| 8 chrC1.205366A | G | 0.137 | 3994 |
| 8 chrC1.205413C | A | 0.302 | 3990 |
| 8 chrC1.205449G | A | 0.04327 | 3790 |
| 8 chrC1.205510G | A | 0.000998 | 4008 |
| 8 chrC1.205542A | G | 0.07571 | 4002 |
| 8 chrC1.205628G | A | 0.303 | 3994 |
| 8 chrC1.205669A | C | 0.2261 | 4002 |
| 8 chrC1.205730A | G | 0.1509 | 4008 |
| 8 chrC1.205780A | G | 0.1543 | 4006 |
| 8 chrUn.738827G | C | 0.08918 | 3992 |
| 8 chrC1.205858G | A | 0.07086 | 4008 |
| 8 chrC1.205916A | G | 0.3605 | 3978 |
| 8 chrC1.205973A | G | 0.1815 | 4006 |
| 8 chrC1.206005A | G | 0.1027 | 4010 |
| 8 chrC1.206055G | A | 0.1597 | 3894 |
| 8 chrC1.206083A | C | 0.2093 | 4000 |
| 8 chrC1.206117G | A | 0.368 | 3992 |
| 8 chrC1.206172G | A | 0.3632 | 3992 |
| 8 chrC1.206244A | G | 0.4323 | 4004 |
| 8 chrE2.160258A | G | 0.2967 | 3980 |
| 8 chrUn.667843A | C | 0.1308 | 3968 |
| 8 chrE2.158245A | G | 0.3509 | 4004 |
| 8 chrE2.157882G | A | 0.3934 | 3996 |
| 8 chrC1.206390G | A | 0.3772 | 3998 |
| 8 chrC1.206417A | G | 0.2614 | 3990 |
| 8 chrE2.156640C | A | 0.06222 | 4002 |
| 8 chrC1.206467A | G | 0.03017 | 3944 |
| 8 chrC1.206468G | A | 0.3722 | 3990 |
| 8 chrC1.206534G | A | 0.2046 | 3968 |
| 8 chrC1.206572A | C | 0.0999 | 3944 |
| 8 chrC1.206613A | G | 0.2782 | 4008 |
| 8 chrC1.206705G | A | 0.3073 | 4006 |
| 8 chrC1.206737A | G | 0.145 | 4008 |
| 8 chrC1.206767A | G | 0.2324 | 4006 |
| 8 chrC1.206814G | A | 0.2246 | 4002 |
| 8 chrC1.206844G | A | 0.3191 | 4002 |
| 8 chrC1.206893A | G | 0.3034 | 4004 |
| 8 chrC1.206937G | A | 0.1568 | 3998 |
| 8 chrC1.206976G | A | 0.07164 | 4006 |
| 8 chrC1.207015A | G | 0.1166 | 3852 |

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| 8 chrC1.207039A | C | 0.1494 | 3996 |
| 8 chrC1.207119G | A | 0.219 | 3826 |
| 8 chrC1.207150A | G | 0.0985 | 4010 |
| 8 chrC1.207190A | G | 0.2315 | 3978 |
| 8 chrC1.207259C | A | 0.1294 | 4002 |
| 8 chrC1.207299A | G | 0.1365 | 3994 |
| 8 chrC1.207349A | G | 0.2255 | 3978 |
| 8 chrC1.207379C | A | 0.1046 | 3996 |
| 8 chrC1.207409A | G | 0.04591 | 4008 |
| 8 chrC1.207419C | A | 0.2054 | 4002 |
| 8 chrC1.207459C | A | 0.3178 | 4002 |
| 8 chrC1.207539G | A | 0.09475 | 4000 |
| 8 chrC1.207569A | C | 0.2376 | 3998 |
| 8 chrC1.207619G | A | 0.02156 | 3896 |
| 8 chrC1.207679A | G | 0.1967 | 4002 |
| 8 chrC1.207729G | A | 0.1715 | 3988 |
| 8 chrC1.207799G | A | 0.4997 | 3992 |
| 8 chrC1.207829G | A | 0.1127 | 3904 |
| 8 chrC1.207859A | G | 0.02678 | 3996 |
| 8 chrC1.207889G | A | 0.2361 | 3998 |
| 8 chrC1.207940G | A | 0.1131 | 3998 |
| 8 chrC1.207979G | A | 0.2212 | 3992 |
| 8 chrC1.208019A | G | 0.1668 | 3988 |
| 8 chrC1.208069A | G | 0.2132 | 3996 |
| 8 chrC1.208089A | G | 0.2989 | 3944 |
| 8 chrC1.208129A | G | 0.1963 | 3994 |
| 8 chrC1.208169G | A | 0.1557 | 4008 |
| 8 chrC1.208209G | A | 0.4048 | 4002 |
| 8 chrC1.208329G | A | 0.01359 | 3974 |
| 8 chrC1.208351G | A | 0.2555 | 3996 |
| 8 chrC1.208399G | A | 0.1647 | 3994 |
| 8 chrC1.208419A | C | 0.2153 | 3948 |
| 8 chrC1.208469G | A | 0.4852 | 3920 |
| 8 chrC1.208469C | A | 0.01948 | 4004 |
| 8 chrC1.208529A | G | 0.03978 | 3922 |
| 8 chrC1.208550G | A | 0.03337 | 3956 |
| 8 chrC1.208599A | G | 0.4279 | 3812 |
| 8 chrC1.208659C | A | 0.4985 | 3872 |
| 8 chrC1.208689G | A | 0.2693 | 3996 |
| 8 chrC1.208719G | A | 0.1009 | 3776 |
| 8 chrC1.208771A | C | 0.1939 | 3992 |

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| 8 chrC1.208821A | C | 0.04443 | 3804 |
| 8 chrC1.208860G | A | 0.3386 | 3996 |
| 8 chrC1.208909A | G | 0.2024 | 4006 |
| 8 chrC1.208938G | A | 0.317 | 3962 |
| 8 chrC1.208968A | G | 0.06397 | 3736 |
| 8 chrC1.208994A | G | 0.1396 | 3668 |
| 8 chrC1.209049A | G | 0.2995 | 3920 |
| 8 chrC1.209097C | A | 0.1481 | 3996 |
| 8 chrC1.209151A | G | 0.4479 | 3976 |
| 8 chrC1.209177A | G | 0.05134 | 3720 |
| 8 chrC1.209213A | C | 0.02534 | 3946 |
| 8 chrC1.209221A | G | 0.02323 | 3832 |
| 8 chrC1.209241A | G | 0.1339 | 4004 |
| 8 chrC1.209289G | A | 0.3457 | 3992 |
| 8 chrC1.209323G | A | 0.1036 | 4004 |
| 8 chrC1.209360G | A | 0.1079 | 3892 |
| 8 chrC1.209393A | G | 0.07774 | 3962 |
| 8 chrC1.209438G | A | 0.09595 | 4002 |
| 8 chrC1.209472G | A | 0.1235 | 4000 |
| 8 chrC1.209524C | A | 0.1485 | 3972 |
| 8 chrC1.209593A | G | 0.05345 | 4004 |
| 8 chrC1.209626G | A | 0.1784 | 3992 |
| 8 chrC1.209651C | A | 0.1195 | 4008 |
| 8 chrC1.209732A | G | 0.1117 | 4010 |
| 8 chrC1.209768G | A | 0.4489 | 3994 |
| 8 chrC1.209796G | A | 0.04648 | 4002 |
| 8 chrC1.209866G | A | 0.3549 | 3964 |
| 8 chrC1.209922 | 0 A | 0 | 4010 |
| 8 chrC1.209923A | G | 0.2365 | 3992 |
| 8 chrC1.209961A | G | 0.4779 | 3988 |
| 8 chrC1.209994A | G | 0.07375 | 4000 |
| 8 chrC1.210072G | A | 0.2546 | 4006 |
| 8 chrC1.210098G | A | 0.1225 | 3976 |
| 8 chrC1.210149A | G | 0.1629 | 4008 |
| 8 chrC1.210183G | A | 0.4903 | 4004 |
| 8 chrC1.210300A | G | 0.1529 | 4002 |
| 8 chrC1.210385A | G | 0.07475 | 4000 |
| 8 chrC1.210409A | G | 0.376 | 4008 |
| 8 chrC1.210422G | A | 0.2327 | 3996 |
| 8 chrC1.210462A | G | 0.4176 | 3968 |
| 8 chrC1.210531A | G | 0.4215 | 3998 |

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| 8 chrC1.210568G | A | 0.05387 | 4010 |
| 8 chrC1.210610G | A | 0.3648 | 3986 |
| 8 chrUn.499321A | C | 0.3787 | 3948 |
| 8 chrC1.210739A | G | 0.07118 | 4004 |
| 8 chrC1.210793A | G | 0.08508 | 4008 |
| 8 chrC1.210837G | A | 0.3 | 4004 |
| 8 chrC1.210868A | G | 0.2875 | 3996 |
| 8 chrC1.210947A | G | 0.4175 | 3998 |
| 8 chrC1.210987A | G | 0.1523 | 3986 |
| 8 chrC1.211011G | A | 0.4987 | 3984 |
| 8 chrC1.211052A | G | 0.1595 | 4000 |
| 8 chrC1.211103G | A | 0.3634 | 3952 |
| 8 chrC1.211149G | A | 0.419 | 3976 |
| 8 chrC1.211191A | G | 0.2376 | 3964 |
| 8 chrC1.211253C | A | 0.4355 | 3998 |
| 8 chrC1.211280A | G | 0.2156 | 3650 |
| 8 chrC1.211318A | G | 0.3768 | 3992 |
| 8 chrC1.211361G | A | 0.3353 | 4002 |
| 8 chrC1.211419A | G | 0.05409 | 3864 |
| 8 chrC1.211441C | A | 0.3881 | 3994 |
| 8 chrC1.211535G | A | 0.1918 | 3994 |
| 8 chrC1.211596A | G | 0.4071 | 4004 |
| 8 chrC1.211628G | A | 0.1405 | 4008 |
| 8 chrC1.211666A | G | 0.1059 | 3996 |
| 8 chrC1.211690 | 0 A | 0 | 4010 |
| 8 chrC1.211747C | A | 0.1119 | 4004 |
| 8 chrC1.211784C | A | 0.1519 | 4002 |
| 8 chrC1.211785G | A | 0.3118 | 4000 |
| 8 chrC1.211823G | A | 0.1595 | 4000 |
| 8 chrC1.211906G | A | 0.4985 | 4002 |
| 8 chrC1.211942A | G | 0.2711 | 3998 |
| 8 chrC1.211996A | G | 0.237 | 3992 |
| 8 chrC1.212033C | A | 0.2271 | 3698 |
| 8 chrC1.212068C | A | 0.4928 | 4004 |
| 8 chrC1.212098A | G | 0.01747 | 4006 |
| 8 chrC1.212126G | A | 0.3347 | 3974 |
| 8 chrC1.212161A | G | 0.1689 | 4002 |
| 8 chrC1.212201G | A | 0.2448 | 4004 |
| 8 chrC1.212214A | G | 0.000499 | 4008 |
| 8 chrC1.212258C | A | 0.06372 | 4002 |
| 8 chrC1.212316A | G | 0.0488 | 3996 |

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| 8 chrC1.212408G | A | 0.1602 | 3994 |
| 8 chrC1.212438C | A | 0.157 | 4006 |
| 8 chrC1.212485G | A | 0.4973 | 4004 |
| 8 chrC1.212516A | G | 0.1232 | 3692 |
| 8 chrC1.212573G | A | 0.2228 | 4004 |
| 8 chrC1.212612C | A | 0.4554 | 3988 |
| 8 chrC1.212657A | G | 0.3822 | 3870 |
| 8 chrC1.212747A | G | 0.08559 | 3984 |
| 8 chrC1.212882G | A | 0.4377 | 3996 |
| 8 chrC1.212963A | G | 0.4094 | 3940 |
| 8 chrC1.213026C | A | 0.06647 | 4002 |
| 8 chrC1.213053A | G | 0.3894 | 3998 |
| 8 chrC1.213087C | A | 0.4363 | 4006 |
| 8 chrC1.213163C | A | 0.4517 | 3992 |
| 8 chrC1.213190G | A | 0.4836 | 3974 |
| 8 chrC1.213270G | A | 0.2934 | 3988 |
| 8 chrC1.213311G | A | 0.2838 | 3960 |
| 8 chrC1.213355G | A | 0.1763 | 3998 |
| 8 chrC1.213356A | G | 0.01699 | 4002 |
| 8 chrC1.213436G | A | 0.2761 | 3988 |
| 8 chrC1.213481A | G | 0.4682 | 3998 |
| 8 chrC1.213566A | G | 0.3513 | 3868 |
| 8 chrC1.213629G | A | 0.174 | 3960 |
| 8 chrC1.213677G | A | 0.325 | 4006 |
| 8 chrC1.213700A | G | 0.0005018 | 3986 |
| 8 chrC1.213709G | A | 0.03161 | 3986 |
| 8 chrC1.213747A | C | 0.03345 | 4006 |
| 8 chrC1.213806A | G | 0.3232 | 4000 |
| 8 chrC1.213831A | G | 0.282 | 3996 |
| 8 chrC1.213863A | C | 0.4033 | 4004 |
| 8 chrC1.213924A | G | 0.3571 | 3954 |
| 8 chrC1.213949G | A | 0.3675 | 4000 |
| 8 chrC1.214000A | G | 0.2055 | 4004 |
| 8 chrC1.214025G | A | 0.1807 | 3974 |
| 8 chrC1.214089A | G | 0.2021 | 3998 |
| 8 chrC1.214120A | G | 0.259 | 4004 |
| 8 chrC1.214153A | G | 0.2271 | 4002 |
| 8 chrC1.214195A | C | 0.1475 | 4000 |
| 8 chrC1.214263A | G | 0.1603 | 3998 |
| 8 chrC1.214318 | 0 A | 0 | 4008 |
| 8 chrC1.214354G | A | 0.3159 | 3986 |

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| 8 chrC1.214384A | G | 0.1525 | 3994 |
| 8 chrC1.214463A | G | 0.1756 | 3992 |
| 8 chrC1.214505C | A | 0.001754 | 3990 |
| 8 chrC1.214532C | A | 0.4917 | 3998 |
| 8 chrC1.214573G | A | 0.3032 | 3998 |
| 8 chrC1.214600A | G | 0.3294 | 4004 |
| 8 chrC1.214683G | A | 0.2514 | 3990 |
| 8 chrC1.214733A | G | 0.3736 | 3996 |
| 8 chrC1.214776A | G | 0.3607 | 3806 |
| 8 chrC1.214803A | G | 0.2008 | 3980 |
| 8 chrC1.214842A | G | 0.46 | 3998 |
| 8 chrC1.214896G | A | 0.2863 | 4010 |
| 8 chrC1.214914A | C | 0.2967 | 4004 |
| 8 chrC1.214943G | A | 0.3809 | 3964 |
| 8 chrC1.215016G | A | 0.3845 | 3992 |
| 8 chrC1.215067A | G | 0.01631 | 3986 |
| 8 chrC1.215135A | G | 0.2641 | 3998 |
| 8 chrC1.215163C | A | 0.1974 | 3910 |
| 8 chrC1.215261G | A | 0.2073 | 3966 |
| 8 chrC1.215284G | A | 0.4426 | 3988 |
| 8 chrC1.215316A | G | 0.3296 | 3984 |
| 8 chrUn.215189C | A | 0.00652 | 3988 |
| 8 chrC1.215384C | A | 0.3365 | 4006 |
| 8 chrC1.215414A | G | 0.1989 | 4002 |
| 8 chrC1.215438A | G | 0.1367 | 3988 |
| 8 chrC1.215539A | G | 0.2749 | 3976 |
| 8 chrC1.215587G | A | 0.2109 | 3950 |
| 8 chrC1.215646A | G | 0.375 | 3976 |
| 8 chrUn.605959G | A | 0.4828 | 3830 |
| 8 chrC1.215716G | A | 0.2867 | 4008 |
| 8 chrC1.215742A | G | 0.01713 | 3970 |
| 8 chrC1.215761A | G | 0.001746 | 4010 |
| 8 chrC1.215803G | A | 0.01995 | 4010 |
| 8 chrC1.215878A | G | 0.09175 | 4000 |
| 8 chrC1.215903G | A | 0.2839 | 4008 |
| 8 chrC1.215930A | G | 0.2766 | 4002 |
| 8 chrC1.215956A | G | 0.4474 | 3972 |
| 8 chrC1.215993A | C | 0.1506 | 4010 |
| 8 chrC1.216048A | G | 0.0007485 | 4008 |
| 8 chrC1.216053C | A | 0.01048 | 4008 |
| 8 chrC1.216107G | A | 0.09359 | 3996 |

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| 8 chrC1.216151A | G | 0.161 | 4000 |
| 8 chrC1.216154 | 0 G | 0 | 4010 |
| 8 chrC1.216188A | C | 0.2755 | 4000 |
| 8 chrC1.216229A | G | 0.2714 | 4002 |
| 8 chrC1.216254C | A | 0.2038 | 3990 |
| 8 chrC1.216291A | C | 0.1929 | 3946 |
| 8 chrC1.216357A | G | 0.02618 | 4010 |
| 8 chrC1.216392A | G | 0.4626 | 3984 |
| 8 chrC1.216437G | A | 0.01422 | 4008 |
| 8 chrC1.216461A | G | 0.2614 | 3986 |
| 8 chrC1.216550A | C | 0.02643 | 4010 |
| 8 chrC1.216616C | A | 0.3834 | 3998 |
| 8 chrC1.216631G | A | 0.3777 | 4006 |
| 8 chrC1.216670G | A | 0.01012 | 3954 |
| 8 chrC1.216696G | A | 0.04973 | 4002 |
| 8 chrC1.216751A | C | 0.3988 | 4002 |
| 8 chrC1.216779A | C | 0.3769 | 4004 |
| 8 chrC1.216804G | A | 0.479 | 3992 |
| 8 chrC1.216830A | G | 0.1434 | 4002 |
| 8 chrC1.216858A | G | 0.4551 | 4006 |
| 8 chrC1.216885G | A | 0.1382 | 3928 |
| 8 chrC1.217015C | A | 0.00127 | 3938 |
| 8 chrC1.217068A | G | 0.2651 | 3998 |
| 8 chrC1.217113A | G | 0.2605 | 4000 |
| 8 chrC1.217140G | A | 0.003811 | 3936 |
| 8 chrC1.217201A | G | 0.2203 | 4004 |
| 8 chrC1.217312A | G | 0.2527 | 4004 |
| 8 chrC1.217409G | A | 0.2458 | 3950 |
| 8 chrC1.217468C | A | 0.09291 | 4004 |
| 8 chrC1.217437G | A | 0.06901 | 3724 |
| 8 chrUn.346711G | A | 0.005572 | 3948 |
| 8 chrUn.346711A | G | 0.3435 | 3988 |
| 8 chrC1.217495C | A | 0.06857 | 3748 |
| 8 chrC1.217671G | A | 0.1703 | 3910 |
| 8 chrC1.217572A | G | 0.1529 | 4008 |
| 8 chrC1.217709C | A | 0.2139 | 4006 |
| 8 chrC1.217624G | A | 0.4557 | 3926 |
| 8 chrC1.217765A | G | 0.0941 | 3932 |
| 8 chrC1.217804G | A | 0.2916 | 4002 |
| 8 chrC1.217832A | G | 0.008024 | 3988 |
| 8 chrUn.611113G | A | 0.3977 | 4006 |

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| 8 chrC1.21788 | G A | 0.1669 | 4008 |
| 8 chrC1.21794 | 7 G A | 0.08633 | 4008 |
| 8 chrC1.21798 | 3 A G | 0.0937 | 4002 |
| 8 chrC1.21803 | 1 G A | 0.2413 | 4004 |
| 8 chrC1.21808 | 4 A G | 0.1665 | 4000 |
| 8 chrC1.21812 | 3 G A | 0.2261 | 4002 |
| 8 chrC1.21815 | 3 A C | 0.2261 | 3928 |
| 8 chrC1.21817 | 2 G A | 0.2343 | 4000 |
| 8 chrC1.21831 | 3 G A | 0.08721 | 4002 |
| 8 chrC1.21835 | 7 A G | 0.4166 | 3932 |
| 8 chrC1.21840 | 9 A C | 0.4025 | 3990 |
| 8 chrUn.47129 | 3 G A | 0.1148 | 4008 |
| 8 chrC1.21845 | 5 A G | 0.1342 | 3948 |
| 8 chrC1.21849 | 7 G A | 0.347 | 4000 |
| 8 chrC1.21853 | 4 A G | 0.07514 | 3806 |
| 8 chrC1.21856 | 6 C A | 0.439 | 3934 |
| 8 chrC1.21862 | 0 A G | 0.2973 | 3996 |
| 8 chrC1.21865 | 7 C A | 0.4925 | 4002 |
| 8 chrC1.21874 | 5 A G | 0.2379 | 4010 |
| 8 chrC1.21876 | 9 G A | 0.1708 | 4004 |
| 8 chrC1.21880 | 0 A C | 0.4964 | 3936 |
| 8 chrC1.21883 | 4 G A | 0.2787 | 3904 |
| 8 chrC1.21888 | 3 G A | 0.2437 | 3996 |
| 8 chrC1.21891 | 5 G A | 0.4288 | 4002 |
| 8 chrC1.21892 | 6 0 G | 0 | 4008 |
| 8 chrC1.21896 | 7 A G | 0.4862 | 3986 |
| 8 chrC1.21900 | 5 G A | 0.4647 | 3992 |
| 8 chrC1.21903 | 0 G A | 0.4505 | 4004 |
| 8 chrC1.21906 | 2 G A | 0.4736 | 3984 |
| 8 chrC1.21908 | 8 C A | 0.4747 | 3946 |
| 8 chrC1.21913 | 1 A G | 0.3109 | 4008 |
| 8 chrC1.21919 | 0 A C | 0.4461 | 3844 |
| 8 chrC1.21924 | 3 A G | 0.4904 | 3956 |
| 8 chrC1.21926 | 9 A C | 0.2723 | 3922 |
| 8 chrC1.21930 | 9 G A | 0.1038 | 3980 |
| 8 chrC1.21933 | 9 G A | 0.01548 | 4006 |
| 8 chrC1.21935 | 2 A G | 0.0196 | 3980 |
| 8 chrC1.21936 | 8 G A | 0.2806 | 4006 |
| 8 chrC1.21941 | 6 G A | 0.3828 | 3994 |
| 8 chrC1.21944 | 1 A G | 0.3709 | 3996 |
| 8 chrC1.21947 | 7 A G | 0.2056 | 3998 |

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| 8 chrC1.219527A | G | 0.3954 | 3634 |
| 8 chrC1.219552G | A | 0.3987 | 4000 |
| 8 chrC1.219611A | G | 0.3733 | 4002 |
| 8 chrC1.219656A | G | 0.439 | 3998 |
| 8 chrC1.219700A | G | 0.3643 | 3980 |
| 8 chrC1.219737C | A | 0.4651 | 3978 |
| 8 chrC1.219768A | G | 0.4059 | 3930 |
| 8 chrC1.219812A | G | 0.2128 | 4004 |
| 8 chrC1.219839A | C | 0.0645 | 4000 |
| 8 chrC1.219939G | A | 0.1592 | 3982 |
| 8 chrC1.219970A | G | 0.1812 | 3974 |
| 8 chrC1.220027A | G | 0.499 | 4002 |
| 8 chrC1.220069G | A | 0.3867 | 4008 |
| 8 chrC1.220100C | A | 0.4075 | 3988 |
| 8 chrUn.136687C | A | 0.1222 | 3984 |
| 8 chrC1.220131G | A | 0.03343 | 4008 |
| 8 chrC1.220156A | G | 0.2773 | 4006 |
| 8 chrC1.220228G | A | 0.2201 | 4008 |
| 8 chrC1.220266C | A | 0.1485 | 3940 |
| 8 chrC1.220292G | A | 0.3178 | 3940 |
| 8 chrC1.220292C | A | 0.05245 | 4004 |
| 8 chrC1.220322C | A | 0.3126 | 3938 |
| 8 chrC1.220369A | C | 0.2417 | 3814 |
| 8 chrC1.220459A | G | 0.4363 | 4004 |
| 8 chrC1.220481A | G | 0.4634 | 3820 |
| 8 chrC1.220515G | A | 0.1689 | 3932 |
| 8 chrUn.376077G | A | 0.1384 | 4004 |
| 8 chrC1.220558A | G | 0.2862 | 4004 |
| 8 chrUn.548224A | G | 0.3983 | 3992 |
| 8 chrC1.220624A | C | 0.2256 | 3644 |
| 8 chrE2.107367G | A | 0.02893 | 3872 |
| 8 chrC1.220684A | G | 0.1756 | 3958 |
| 8 chrC1.220738A | G | 0.242 | 3996 |
| 8 chrC1.220816G | A | 0.05237 | 4010 |
| 8 chrC1.220881A | G | 0.1072 | 3852 |
| 8 chrC1.220906A | G | 0.1441 | 3998 |
| 8 chrC1.220965G | A | 0.2779 | 4008 |
| 8 chrC1.221011G | A | 0.1359 | 3996 |
| 8 chrC1.221039A | G | 0.3117 | 4000 |
| 8 chrB3.100916C | A | 0.01997 | 3706 |
| 8 chrC1.221086G | A | 0.3176 | 4002 |

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| 8 chrC1.221164G | A | 0.1458 | 4006 |
| 8 chrC1.221196C | A | 0.4314 | 3744 |
| 8 chrC1.221228A | G | 0.003514 | 3984 |
| 8 chrC1.221268G | A | 0.01979 | 3890 |
| 8 chrC1.221311G | A | 0.399 | 3872 |
| 8 chrC1.221316 | 0 A | 0 | 4004 |
| 8 chrC1.221362A | G | 0.4623 | 4002 |
| 8 chrC1.221636A | C | 0.05012 | 4010 |
| 8 chrC1.221687A | G | 0.1632 | 3996 |
| 8 chrC1.221909G | A | 0.351 | 4000 |
| 8 chrC1.221982A | G | 0.1082 | 4002 |
| 8 chrC1.222170G | A | 0.08924 | 3922 |
| 8 chrC1.222198A | G | 0.4508 | 4002 |
| 8 chrC1.222287C | A | 0.03322 | 4004 |
| 8 chrC1.222380G | A | 0.3075 | 3958 |
| 8 chrC1.222504G | A | 0.1003 | 3988 |
| 8 chrC1.222544A | G | 0.419 | 4000 |
| 8 chrC1.222595A | G | 0.1301 | 3998 |
| 8 chrC1.222639A | C | 0.1664 | 4008 |
| 8 chrC1.222670G | A | 0.1719 | 3984 |
| 8 chrC1.222927G | A | 0.1436 | 4004 |
| 8 chrC1.222978A | G | 0.1871 | 3992 |
| 8 chrC1.223047C | A | 0.07796 | 4002 |
| 8 chrC1.223134A | G | 0.09426 | 4010 |
| 8 chrC1.223197G | A | 0.3482 | 4006 |
| 8 chrC1.223264A | C | 0.2973 | 3982 |
| 8 chrC1.223306G | A | 0.08092 | 4004 |
| 8 chrC1.223343A | G | 0.2125 | 4010 |
| 8 chrC1.223507A | G | 0.2622 | 4004 |
| 8 chrC1.223550A | G | 0.08559 | 3996 |
| 8 chrC1.223617A | G | 0.2048 | 3950 |
| 8 chrC1.223647A | G | 0.1178 | 4000 |
| 8 chrC1.223752G | A | 0.1057 | 4010 |
| 8 chrC1.223779A | G | 0.3553 | 4000 |
| 8 chrC1.223946G | A | 0.008492 | 4004 |
| 8 chrC1.224023A | G | 0.1693 | 4000 |
| 8 chrC1.224051C | A | 0.2019 | 3912 |
| 8 chrC1.224070 | 0 C | 0 | 4008 |
| 8 chrC1.224114A | G | 0.07114 | 4006 |
| 8 chrC1.224144G | A | 0.09511 | 4006 |
| 8 chrC1.224174A | G | 0.414 | 4000 |

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| 8 chrC1.224228A | G | 0.1958 | 3988 |
| 8 chrC1.224267A | G | 0.06597 | 4002 |
| 8 chrC1.224311A | G | 0.3969 | 3988 |
| 8 chrC1.224363A | G | 0.3989 | 4004 |
| 8 chrC1.224443A | G | 0.3981 | 3994 |
| 8 chrC1.224504G | A | 0.1838 | 4004 |
| 8 chrC1.224561A | G | 0.1805 | 3956 |
| 8 chrC1.224634A | G | 0.2182 | 4000 |
| 8 chrC1.224787A | G | 0.1862 | 4006 |
| 8 chrC1.224821A | G | 0.3413 | 4002 |
| 8 chrC1.224867A | G | 0.4937 | 3824 |
| 8 chrC1.224912A | C | 0.1164 | 4004 |
| 8 chrC1.224941C | A | 0.4658 | 3978 |
| 8 chrC1.225069G | A | 0.1545 | 3988 |
| 8 chrC1.225104G | A | 0.1055 | 4010 |
| 8 chrC1.225128A | C | 0.01841 | 3910 |
| 8 chrC1.225175A | G | 0.1778 | 3852 |
| 8 chrC1.225204G | A | 0.4009 | 4008 |
| 8 chrC1.225277A | G | 0.3317 | 4000 |
| 8 chrC1.225311A | G | 0.1124 | 4002 |
| 8 chrC1.225398G | A | 0.2347 | 3894 |
| 8 chrC1.225449G | A | 0.3613 | 4008 |
| 8 chrC1.225497A | G | 0.2487 | 3988 |
| 8 chrC1.225578A | G | 0.0182 | 3902 |
| 8 chrC1.225651A | G | 0.4043 | 4002 |
| 8 chrC1.225723A | G | 0.441 | 3998 |
| 8 chrC1.225761G | A | 0.4564 | 3990 |
| 8 chrC1.225785A | G | 0.1466 | 3990 |
| 8 chrC1.225817G | A | 0.1695 | 4006 |
| 8 chrC1.225858G | A | 0.3699 | 3998 |
| 8 chrC1.225903A | G | 0.3847 | 3936 |
| 8 chrC1.225939G | A | 0.2131 | 4008 |
| 8 chrC1.225970A | G | 0.1693 | 3998 |
| 8 chrC1.226041G | A | 0.361 | 3920 |
| 8 chrC1.226083G | A | 0.2008 | 3970 |
| 8 chrC1.226134A | G | 0.1234 | 4002 |
| 8 chrC1.226165G | A | 0.1063 | 3990 |
| 8 chrC1.226191G | A | 0.2191 | 4002 |
| 8 chrC1.226236G | A | 0.08962 | 4006 |
| 8 chrC1.226260G | A | 0.2648 | 3996 |
| 8 chrC1.226431A | G | 0.136 | 3992 |

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| 8 chrC1.226658A | G | 0.2702 | 3978 |
| 8 chrC1.226684A | G | 0.07326 | 3972 |
| 8 chrE1.65222CA | C | 0.3157 | 4004 |
| 8 chrE1.65283CA | G | 0.2106 | 3960 |
| 8 chrC1.226813A | G | 0.2876 | 4006 |
| 8 chrC1.226843G | A | 0.06373 | 3766 |
| 8 chrC1.226878G | A | 0.4877 | 3998 |
| 8 chrC1.226924A | C | 0.3341 | 4002 |
| 8 chrC1.226954A | G | 0.3281 | 3886 |
| 8 chrC1.226978A | G | 0.1348 | 4000 |
| 8 chrC1.227008G | A | 0.06406 | 3778 |
| 8 chrC1.227067G | A | 0.04327 | 3998 |
| 8 chrC1.227104A | G | 0.4761 | 3980 |
| 8 chrC1.227138A | G | 0.03763 | 3986 |
| 8 chrC1.227178A | G | 0.2238 | 4004 |
| 8 chrC1.227236A | C | 0.4306 | 4006 |
| 8 chrC1.227269C | A | 0.1782 | 3984 |
| 8 chrC1.227309A | G | 0.2089 | 4006 |
| 8 chrC1.227347G | A | 0.461 | 4004 |
| 8 chrC1.227419A | G | 0.0777 | 3964 |
| 8 chrC1.227469A | G | 0.3082 | 3998 |
| 8 chrC1.227495A | G | 0.3157 | 3994 |
| 8 chrC1.227554G | A | 0.2734 | 3808 |
| 8 chrC1.227627A | C | 0.06665 | 4006 |
| 8 chrC1.227684A | C | 0.146 | 4006 |
| 8 chrC1.227709G | A | 0.4838 | 4006 |
| 8 chrC1.227787A | G | 0.4041 | 3962 |
| 8 chrC1.227842A | G | 0.1171 | 3978 |
| 8 chrC1.227878A | G | 0.4143 | 3968 |
| 8 chrC1.227909G | A | 0.1213 | 3998 |
| 8 chrC1.227943A | G | 0.1314 | 3994 |
| 8 chrC1.227968A | G | 0.14 | 3992 |
| 8 chrUn.36140A | G | 0.3186 | 3996 |
| 8 chrC1.228007A | G | 0.2015 | 4004 |
| 8 chrC1.228035A | C | 0.07912 | 3994 |
| 8 chrC1.228085A | G | 0.255 | 3988 |
| 8 chrC1.228125G | A | 0.2166 | 3994 |
| 8 chrC1.228152G | A | 0.08622 | 3990 |
| 8 chrC1.228181A | G | 0.1196 | 3770 |
| 8 chrC1.22822CA | G | 0.1795 | 4006 |
| 8 chrC1.228302A | G | 0.09811 | 3914 |

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| 8 chrC1.228327G | A | 0.3427 | 3998 |
| 8 chrC1.228403A | G | 0.09359 | 3964 |
| 8 chrC1.228433A | G | 0.145 | 4006 |
| 8 chrC1.228578A | G | 0.05314 | 4008 |
| 8 chrC1.228618A | G | 0.02449 | 4002 |
| 8 chrC1.228648G | A | 0.335 | 3988 |
| 8 chrC1.228685G | A | 0.02348 | 4004 |
| 8 chrC1.228707A | G | 0.0002495 | 4008 |
| 8 chrC1.228751G | A | 0.06707 | 3996 |
| 8 chrC1.228789A | C | 0.1979 | 4002 |
| 8 chrC1.228828G | A | 0.04736 | 3822 |
| 8 chrC1.228828G | A | 0.01528 | 3992 |
| 8 chrC1.228873A | G | 0.2122 | 3958 |
| 8 chrC1.228898A | C | 0.05482 | 3940 |
| 8 chrC1.228950C | A | 0.2203 | 3986 |
| 8 chrC1.228979A | G | 0.03388 | 3778 |
| 8 chrC1.229026A | G | 0.296 | 4004 |
| 8 chrC1.229057G | A | 0.3463 | 3996 |
| 8 chrC1.229164A | G | 0.1956 | 3946 |
| 8 chrC1.229193A | G | 0.2252 | 4006 |
| 8 chrC1.229245A | G | 0.4558 | 4006 |
| 8 chrC1.229300A | G | 0.2549 | 3998 |
| 8 chrC1.229373A | G | 0.1959 | 3982 |
| 8 chrC1.229464A | C | 0.07517 | 4004 |
| 8 chrC1.229518G | A | 0.0227 | 4008 |
| 8 chrC1.229557A | C | 0.4639 | 3992 |
| 8 chrC1.229619A | G | 0.1482 | 3994 |
| 8 chrC1.229645G | A | 0.1984 | 3972 |
| 8 chrC1.229796G | A | 0.4403 | 4002 |
| 8 chrC1.229845A | G | 0.3829 | 3928 |
| 8 chrC1.229875A | G | 0.3349 | 3942 |
| 8 chrC1.229923G | A | 0.4274 | 3856 |
| 8 chrC1.229991G | A | 0.3671 | 4002 |
| 8 chrC1.230017A | C | 0.095 | 4000 |
| 8 chrC1.230077G | A | 0.2315 | 4000 |
| 8 chrC1.230093G | A | 0.1663 | 3998 |
| 8 chrC1.230136A | G | 0.2107 | 3996 |
| 8 chrC1.230169A | G | 0.3132 | 3988 |
| 8 chrC1.230232A | G | 0.3819 | 4006 |
| 8 chrC1.230335C | A | 0.1432 | 3938 |
| 8 chrC1.230377A | G | 0.1787 | 3996 |

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| 8 chrC1.230414G | A | 0.3411 | 4002 |
| 8 chrC1.230461G | A | 0.1834 | 4002 |
| 8 chrC1.230536C | A | 0.1044 | 4004 |
| 8 chrC1.230605A | G | 0.4185 | 3876 |
| 8 chrC1.230644A | G | 0.1948 | 4004 |
| 8 chrC1.230644A | G | 0.3011 | 3962 |
| 8 chrC1.230681A | G | 0.08375 | 4000 |
| 8 chrC1.230705A | G | 0.4383 | 3972 |
| 8 chrC1.230879A | G | 0.2923 | 4006 |
| 8 chrC1.230904A | G | 0.02696 | 4006 |
| 8 chrC1.230958A | G | 0.1598 | 3968 |
| 8 chrC1.231041G | A | 0.2118 | 4004 |
| 8 chrC1.231087A | G | 0.351 | 4006 |
| 8 chrC1.231136A | G | 0.2471 | 3990 |
| 8 chrC1.231169C | A | 0.1385 | 3994 |
| 8 chrC1.231199G | A | 0.3133 | 4002 |
| 8 chrC1.231246A | G | 0.1882 | 4006 |
| 8 chrC1.231273A | G | 0.1733 | 3948 |
| 8 chrC1.231336A | G | 0.1963 | 3994 |
| 8 chrUn.49314(G | A | 0.3283 | 4002 |
| 8 chrC1.231380A | G | 0.03122 | 3844 |
| 8 chrC1.231430A | G | 0.06322 | 4002 |
| 8 chrC1.231494C | A | 0.1907 | 4006 |
| 8 chrUn.51572! | 0 G | 0 | 4010 |
| 8 chrC1.231546A | C | 0.09665 | 4004 |
| 8 chrC1.231578A | C | 0.03654 | 3968 |
| 8 chrC1.231615A | G | 0.05015 | 3968 |
| 8 chrC1.231697G | A | 0.2006 | 4002 |
| 8 chrC1.231732A | G | 0.3729 | 3998 |
| 8 chrC1.231792A | G | 0.06815 | 3918 |
| 8 chrC1.231819G | A | 0.07955 | 4010 |
| 8 chrC1.231850A | G | 0.4744 | 3984 |
| 8 chrC1.231888A | C | 0.3026 | 3886 |
| 8 chrC1.231921G | A | 0.1119 | 3996 |
| 8 chrC1.231967A | G | 0.1315 | 3938 |
| 8 chrC1.231999A | G | 0.3203 | 4002 |
| 8 chrC1.232024G | A | 0.211 | 3972 |
| 8 chrC1.232088G | A | 0.09186 | 4006 |
| 8 chrC1.232120A | G | 0.1668 | 3980 |
| 8 chrC1.232152A | C | 0.2765 | 4000 |
| 8 chrC1.232220G | A | 0.4381 | 4004 |

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| 8 chrC1.232272G | A | 0.1089 | 4004 |
| 8 chrC1.232398A | G | 0.07834 | 4008 |
| 8 chrC1.232450A | G | 0.1497 | 3694 |
| 8 chrC1.232475G | A | 0.3202 | 4004 |
| 8 chrC1.232575A | C | 0.1346 | 3996 |
| 8 chrC1.232614A | G | 0.4272 | 3916 |
| 8 chrC1.232664A | G | 0.3171 | 3996 |
| 8 chrC1.232696A | G | 0.223 | 3996 |
| 8 chrC1.232721A | G | 0.4662 | 3998 |
| 8 chrC1.232775A | G | 0.4209 | 4006 |
| 8 chrC1.232812A | G | 0.2762 | 3954 |
| 8 chrC1.232848G | A | 0.4825 | 4000 |
| 8 chrC1.232850A | G | 0.245 | 3972 |
| 8 chrC1.232880A | G | 0.1146 | 3928 |
| 8 chrC1.232916G | A | 0.2801 | 3992 |
| 8 chrC1.232967G | A | 0.3144 | 3992 |
| 8 chrUn.684970A | G | 0.197 | 4006 |
| 8 chrC1.233063A | G | 0.3488 | 3994 |
| 8 chrC1.233090A | G | 0.3798 | 3942 |
| 8 chrC1.233144A | G | 0.1465 | 3994 |
| 8 chrC1.233232A | G | 0.3405 | 3956 |
| 8 chrC1.233281A | G | 0.2983 | 4010 |
| 8 chrC1.233367G | A | 0.0705 | 4000 |
| 8 chrC1.233561G | A | 0.1008 | 4008 |
| 8 chrC1.235432A | G | 0.1172 | 4002 |
| 8 chrC1.233716G | A | 0.2439 | 3998 |
| 8 chrC1.233769G | A | 0.05922 | 4002 |
| 8 chrC1.233873A | G | 0.2377 | 3980 |
| 8 chrC1.233898A | C | 0.07111 | 4008 |
| 8 chrC1.235587G | A | 0.06209 | 3930 |
| 8 chrC1.234032G | A | 0.1 | 4010 |
| 8 chrC1.234081G | A | 0.2455 | 3984 |
| 8 chrC1.234109A | G | 0.04248 | 4002 |
| 8 chrC1.234179G | A | 0.3867 | 4006 |
| 8 chrC1.234241A | G | 0.2948 | 4006 |
| 8 chrC1.234369A | G | 0.2744 | 3910 |
| 8 chrC1.234370A | G | 0.4286 | 3724 |
| 8 chrC1.235846A | G | 0.02972 | 4004 |
| 8 chrC1.234611A | C | 0.4276 | 3994 |
| 8 chrC1.234675C | A | 0.03525 | 4000 |
| 8 chrC1.234782G | A | 0.3383 | 4002 |

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| 8 chrC1.23499C | A | 0.02793 | 4010 |
| 8 chrC1.235072A | C | 0.1901 | 4008 |
| 8 chrC1.236084A | G | 0.01398 | 4006 |
| 8 chrC1.236084C | A | 0.2011 | 3988 |
| 8 chrUn.29169A | G | 0.1269 | 4004 |
| 8 chrC1.236156A | G | 0.3538 | 3988 |
| 8 chrC1.235249G | A | 0.2068 | 4004 |
| 8 chrC1.235279A | C | 0.4503 | 4002 |
| 8 chrC1.236222A | G | 0.4857 | 3922 |
| 8 chrC1.236293G | A | 0.0372 | 3898 |
| 8 chrC1.236325A | G | 0.3427 | 4004 |
| 8 chrC1.236344A | G | 0.3218 | 4002 |
| 8 chrC1.236411A | G | 0.1696 | 4004 |
| 8 chrC1.23646C | G | 0.1387 | 3986 |
| 8 chrC1.23654C | G | 0.0455 | 4000 |
| 8 chrC1.23657C | A | 0.1092 | 4002 |
| 8 chrC1.236634A | G | 0.01347 | 3936 |
| 8 chrC1.236706A | G | 0.09127 | 3988 |
| 8 chrF1.164921G | A | 0.263 | 4004 |
| 8 chrC1.236751A | C | 0.4275 | 4002 |
| 8 chrC1.236803G | A | 0.3109 | 3812 |
| 8 chrC1.236845A | C | 0.4523 | 3984 |
| 8 chrC1.23690C | A | 0.08762 | 4006 |
| 8 chrC1.237036A | G | 0.2385 | 4008 |
| 8 chrC1.237119A | G | 0.2568 | 3988 |
| 8 chrC1.237145G | A | 0.2965 | 4000 |
| 8 chrC1.237172A | G | 0.1652 | 3996 |
| 8 chrC1.237213G | A | 0.3547 | 3930 |
| 8 chrC1.237256A | G | 0.3722 | 3998 |
| 8 chrC1.23731C | A | 0.1248 | 4008 |
| 8 chrC1.237344G | A | 0.06665 | 3856 |
| 8 chrC1.237378G | A | 0.4029 | 3994 |
| 8 chrC1.23744C | C | 0.3506 | 3996 |
| 8 chrC1.237491G | A | 0.02869 | 4008 |
| 8 chrC1.237549A | C | 0.08158 | 3996 |
| 8 chrC1.237594C | A | 0.1588 | 4004 |
| 8 chrC1.23764C | G | 0.3123 | 3970 |
| 8 chrC1.237694A | G | 0.1202 | 3776 |
| 8 chrC1.237727A | G | 0.1296 | 3990 |
| 8 chrC1.237763G | A | 0.1438 | 3992 |
| 8 chrC1.237799A | G | 0.1881 | 3976 |

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| 8 chrC1.237823C | A | 0.308 | 3802 |
| 8 chrC1.237921A | G | 0.387 | 4008 |
| 8 chrC1.237948A | G | 0.2409 | 3998 |
| 8 chrC1.237990A | G | 0.154 | 3968 |
| 8 chrC1.238017G | A | 0.3392 | 4004 |
| 8 chrC1.238066A | G | 0.3536 | 3922 |
| 8 chrC1.238106A | G | 0.344 | 3954 |
| 8 chrC1.238131G | A | 0.2596 | 3990 |
| 8 chrC1.238246A | G | 0.005522 | 3984 |
| 8 chrC1.238271A | G | 0.1788 | 4004 |
| 8 chrC1.238309A | G | 0.2868 | 4000 |
| 8 chrC1.238368G | A | 0.192 | 4000 |
| 8 chrC1.238409A | G | 0.2098 | 3766 |
| 8 chrC1.238610A | C | 0.2055 | 3980 |
| 8 chrC1.238517A | G | 0.06825 | 4000 |
| 8 chrC1.238465G | A | 0.4925 | 4002 |
| 8 chrC1.238759C | A | 0.486 | 3992 |
| 8 chrC1.238837A | G | 0.1025 | 4000 |
| 8 chrC1.238901A | G | 0.3826 | 3952 |
| 8 chrC1.238935A | G | 0.2397 | 4000 |
| 8 chrC1.238993A | G | 0.255 | 3898 |
| 8 chrC1.239037A | G | 0.08635 | 3752 |
| 8 chrC1.239062G | A | 0.151 | 4000 |
| 8 chrC1.239113G | A | 0.204 | 4000 |
| 8 chrC1.239167G | A | 0.2692 | 4004 |
| 8 chrC1.239201G | A | 0.38 | 4000 |
| 8 chrC1.239243A | G | 0.2001 | 3994 |
| 8 chrC1.239325G | A | 0.2826 | 4002 |
| 8 chrUn.586093C | A | 0.4439 | 3942 |
| 8 chrC1.239391G | A | 0.4594 | 3988 |
| 8 chrC1.239418G | A | 0.1835 | 3950 |
| 8 chrC1.239446C | A | 0.1187 | 3968 |
| 8 chrC1.239481A | G | 0.3987 | 3978 |
| 8 chrC1.239624G | A | 0.04737 | 3990 |
| 8 chrC1.239779C | A | 0.1723 | 3992 |
| 8 chrC1.239867A | C | 0.1248 | 4008 |
| 8 chrC1.239969G | A | 0.1398 | 3990 |
| 8 chrC1.240014A | C | 0.4638 | 3760 |
| 8 chrC1.240095A | G | 0.2742 | 4000 |
| 8 chrC1.240159G | A | 0.1338 | 3960 |
| 8 chrC1.240251C | A | 0.3694 | 3966 |

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| 8 chrC1.240371A | G | 0.08134 | 4008 |
| 8 chrC1.240408G | A | 0.3436 | 3996 |
| 8 chrF1.957212A | G | 0.1061 | 3996 |
| 8 chrC1.240478A | G | 0.03732 | 3912 |
| 8 chrC1.240522C | A | 0.281 | 4000 |
| 8 chrC1.240548G | A | 0.2337 | 3992 |
| 8 chrC1.240654A | G | 0.3109 | 4008 |
| 8 chrC1.240705A | C | 0.4135 | 4000 |
| 8 chrC1.240751G | A | 0.2555 | 4000 |
| 8 chrUn.264040G | A | 0.011 | 4000 |
| 8 chrC1.240840A | G | 0.4144 | 4006 |
| 8 chrC1.240916C | A | 0.1626 | 3992 |
| 8 chrC1.240958A | G | 0.4586 | 3964 |
| 8 chrUn.395051G | A | 0.2205 | 4000 |
| 8 chrC1.240990G | A | 0.4585 | 4002 |
| 8 chrC1.241047C | A | 0.2194 | 3970 |
| 8 chrC1.241098A | G | 0.213 | 4004 |
| 8 chrC1.241216A | G | 0.07225 | 4000 |
| 8 chrC1.241297A | G | 0.1853 | 3908 |
| 8 chrC1.241435A | C | 0.3209 | 3948 |
| 8 chrC1.241488G | A | 0.4175 | 4010 |
| 8 chrC1.241541A | G | 0.448 | 4000 |
| 8 chrC1.241684G | A | 0.3852 | 3998 |
| 8 chrC1.241841G | A | 0.3364 | 4004 |
| 8 chrC1.241940C | A | 0.3365 | 3946 |
| 8 chrC1.241982A | G | 0.06737 | 3978 |
| 8 chrC1.242015G | A | 0.2055 | 3996 |
| 8 chrC1.242047A | G | 0.2022 | 3898 |
| 8 chrC1.242095A | G | 0.02485 | 3782 |
| 8 chrC1.242135A | G | 0.207 | 4000 |
| 8 chrC1.242164A | C | 0.1063 | 4008 |
| 8 chrC1.242190A | G | 0.07354 | 3998 |
| 8 chrC1.242261A | G | 0.2771 | 3836 |
| 8 chrC1.242356G | A | 0.1411 | 4004 |
| 8 chrC1.242380A | G | 0.009495 | 4002 |
| 8 chrC1.242404A | G | 0.1835 | 3968 |
| 8 chrC1.242448A | G | 0.1985 | 4000 |
| 8 chrC1.242484A | G | 0.06708 | 4010 |
| 8 chrC1.242535A | G | 0.04718 | 4006 |
| 8 chrC1.242589A | G | 0.262 | 3932 |
| 8 chrC1.242624G | A | 0.1603 | 3998 |

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| 8 chrC1.242703G | A | 0.3714 | 4004 |
| 8 chrC1.242820G | A | 0.4177 | 4008 |
| 8 chrC1.242887G | A | 0.3213 | 4006 |
| 8 chrC1.242975A | C | 0.01572 | 3752 |
| 8 chrC1.243069G | A | 0.29 | 3996 |
| 8 chrC1.243175A | G | 0.3473 | 3988 |
| 8 chrC1.243214G | A | 0.4002 | 3948 |
| 8 chrC1.243254C | A | 0.08216 | 3992 |
| 8 chrC1.243279A | G | 0.304 | 3878 |
| 8 chrB1.192349A | G | 0.2992 | 3994 |
| 8 chrC1.243330G | A | 0.2853 | 4006 |
| 8 chrC1.243444A | C | 0.06459 | 4010 |
| 8 chrC1.243478G | A | 0.4435 | 3984 |
| 8 chrC1.243514A | G | 0.3643 | 3988 |
| 8 chrC1.243550A | G | 0.4863 | 3930 |
| 8 chrC1.243582A | G | 0.4313 | 3932 |
| 8 chrC1.243608C | A | 0.05956 | 3996 |
| 8 chrC1.243634A | G | 0.3496 | 3976 |
| 8 chrC1.243661A | G | 0.2196 | 3994 |
| 8 chrC1.243767G | A | 0.4782 | 3992 |
| 8 chrC1.243817A | G | 0.2903 | 3982 |
| 8 chrC1.243859 | 0 A | 0 | 4008 |
| 8 chrC1.243922G | A | 0.2138 | 3990 |
| 8 chrC1.244000G | A | 0.4205 | 4000 |
| 8 chrC1.244066A | G | 0.0865 | 4000 |
| 8 chrC1.244153G | A | 0.09915 | 3994 |
| 8 chrC1.244225G | A | 0.2523 | 3988 |
| 8 chrC1.244334A | G | 0.2566 | 4002 |
| 8 chrC1.244459G | A | 0.092 | 4000 |
| 8 chrB3.512045G | A | 0.1758 | 3998 |
| 8 chrB3.513803A | G | 0.0749 | 3992 |
| 8 chrB3.514198A | G | 0.04948 | 4002 |
| 8 chrB3.514733A | G | 0.1097 | 3946 |
| 8 chrB3.516037G | A | 0.1523 | 4004 |
| 8 chrB3.516446G | A | 0.4207 | 3970 |
| 8 chrB3.517128A | G | 0.419 | 3974 |
| 8 chrB3.517913A | G | 0.1642 | 3976 |
| 8 chrB3.518275A | G | 0.3388 | 3808 |
| 8 chrB3.518628G | A | 0.4455 | 3980 |
| 8 chrB3.519484G | A | 0.3458 | 3994 |
| 8 chrC1.244867C | A | 0.01368 | 3802 |

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| 8 chrB3.520885G | A | 0.2979 | 3988 |
| 8 chrB3.521191G | A | 0.3667 | 4006 |
| 8 chrB3.521835A | G | 0.1953 | 4000 |
| 8 chrC1.244993A | G | 0.153 | 3974 |
| 8 chrC1.244998G | A | 0.1394 | 4004 |
| 8 chrC1.245045G | A | 0.2673 | 4006 |
| 8 chrC1.245082A | G | 0.1078 | 3998 |
| 8 chrC1.245151A | G | 0.1289 | 3956 |
| 8 chrC1.245184A | C | 0.03407 | 3992 |
| 8 chrC1.245227C | A | 0.4295 | 4000 |
| 8 chrC1.245284A | G | 0.3836 | 3994 |
| 8 chrC1.245355A | G | 0.1668 | 3988 |
| 8 chrC1.245404A | G | 0.2802 | 3980 |
| 8 chrC1.245443A | C | 0.2209 | 3992 |
| 8 chrC1.245565G | A | 0.3935 | 3982 |
| 8 chrC1.245755A | G | 0.2612 | 3982 |
| 8 chrC1.245875A | G | 0.09339 | 3994 |
| 8 chrC1.245944A | C | 0.1573 | 4004 |
| 8 chrC1.246003A | G | 0.05357 | 3976 |
| 8 chrC1.246066G | A | 0.1268 | 3998 |
| 8 chrC1.246098A | G | 0.1154 | 3994 |
| 8 chrC1.246168G | A | 0.4493 | 4006 |
| 8 chrC1.246217G | A | 0.3355 | 4006 |
| 8 chrC1.246256C | A | 0.2383 | 3944 |
| 8 chrC1.246330A | G | 0.09107 | 4008 |
| 8 chrC1.246387G | A | 0.3936 | 3948 |
| 8 chrC1.246498A | G | 0.2247 | 4006 |
| 8 chrC1.246587A | C | 0.01225 | 4000 |
| 8 chrC1.246615G | A | 0.003996 | 4004 |
| 8 chrC1.246675A | G | 0.1762 | 3984 |
| 8 chrC1.246675A | G | 0.172 | 3964 |
| 8 chrC1.246732A | G | 0.2386 | 4002 |
| 8 chrC1.246761G | A | 0.2901 | 3664 |
| 8 chrC1.246843A | G | 0.2376 | 3986 |
| 8 chrC1.246901A | G | 0.1994 | 4008 |
| 8 chrC1.247010A | G | 0.1452 | 3994 |
| 8 chrC1.247132G | A | 0.2878 | 3986 |
| 8 chrC1.247203A | G | 0.3923 | 3974 |
| 8 chrC1.247305G | A | 0.0485 | 4000 |
| 8 chrC1.247363G | A | 0.3208 | 4002 |
| 8 chrC1.247408A | G | 0.07531 | 4010 |

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| 8 chrC1.247435G | A | 0.3683 | 3774 |
| 8 chrC1.247469A | G | 0.3639 | 3996 |
| 8 chrC1.247537A | C | 0.467 | 3972 |
| 8 chrC1.247557A | G | 0.005089 | 3930 |
| 8 chrC1.247607A | G | 0.237 | 4004 |
| 8 chrC1.247654G | A | 0.1541 | 3990 |
| 8 chrC1.247709A | G | 0.2626 | 3984 |
| 8 chrC1.247751A | G | 0.1282 | 4000 |
| 8 chrC1.247859A | G | 0.03095 | 4006 |
| 8 chrC1.247956A | G | 0.3811 | 3996 |
| 8 chrC1.248018G | A | 0.2897 | 3984 |
| 8 chrC1.248057A | G | 0.0002494 | 4010 |
| 8 chrC1.248084A | G | 0.25 | 4008 |
| 8 chrC1.248145A | G | 0.4614 | 3888 |
| 8 chrUn.585469C | A | 0.0124 | 3952 |
| 8 chrC1.248226G | A | 0.006289 | 3816 |
| 8 chrC1.248332G | A | 0.2776 | 4002 |
| 8 chrC1.248426A | G | 0.03971 | 4004 |
| 8 chrC1.248545G | A | 0.4483 | 4006 |
| 8 chrC1.248628A | G | 0.3493 | 3994 |
| 8 chrC1.248731A | G | 0.0007493 | 4004 |
| 8 chrC1.248809A | G | 0.3006 | 3996 |
| 8 chrC1.248871A | G | 0.1935 | 3844 |
| 8 chrC1.248904A | G | 0.3443 | 3968 |
| 8 chrC1.248933C | A | 0.1456 | 3998 |
| 8 chrC1.248981A | G | 0.1449 | 3982 |
| 8 chrC1.248995C | A | 0.06619 | 3928 |
| 8 chrC1.249041G | A | 0.1085 | 4000 |
| 8 chrC1.249071G | A | 0.2149 | 3998 |
| 8 chrC1.249109A | G | 0.1344 | 4002 |
| 8 chrC1.249161G | A | 0.4279 | 3996 |
| 8 chrC1.249185G | A | 0.4558 | 3960 |
| 8 chrC1.249259A | G | 0.1639 | 3972 |
| 8 chrC1.249321G | A | 0.07405 | 3822 |
| 8 chrC1.249426A | G | 0.06713 | 3992 |
| 8 chrC1.249511A | G | 0.1499 | 3850 |
| 8 chrC1.249589A | G | 0.425 | 4000 |
| 8 chrC1.249706A | G | 0.3099 | 3688 |
| 8 chrC1.249827A | G | 0.4309 | 4006 |
| 8 chrC1.249918A | G | 0.3243 | 3968 |
| 8 chrC1.249990G | A | 0.007513 | 3860 |

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| 8 chrC1.250043A | G | 0.05608 | 3994 |
| 8 chrC1.250120C | A | 0.2012 | 3986 |
| 8 chrC1.250195A | G | 0.01314 | 3728 |
| 8 chrC1.250283G | A | 0.09719 | 3992 |
| 8 chrC1.250328A | G | 0.2859 | 3932 |
| 8 chrC1.250353A | G | 0.4972 | 3954 |
| 8 chrC1.250422C | A | 0.1969 | 3976 |
| 8 chrC1.250446G | A | 0.0015 | 4000 |
| 8 chrC1.250456A | G | 0.3464 | 3978 |
| 8 chrC1.250491A | G | 0.0689 | 4006 |
| 8 chrC1.250561C | A | 0.1415 | 3936 |
| 8 chrC1.250666A | G | 0.05975 | 4000 |
| 8 chrC1.250726A | G | 0.3971 | 3974 |
| 8 chrC1.250765A | G | 0.2954 | 3940 |
| 8 chrC1.250816A | G | 0.0212 | 4010 |
| 8 chrC1.250857G | A | 0.04383 | 3810 |
| 8 chrC1.250887A | C | 0.4761 | 3980 |
| 8 chrC1.250915G | A | 0.4631 | 3982 |
| 8 chrC1.250991A | G | 0.1439 | 3878 |
| 8 chrC1.251169A | G | 0.4972 | 3996 |
| 8 chrC1.251277G | A | 0.3836 | 3944 |
| 8 chrC1.251354A | G | 0.363 | 3950 |
| 8 chrC1.251537G | A | 0.0186 | 3924 |
| 8 chrC1.251694G | A | 0.3433 | 3970 |
| 8 chrC1.251724A | G | 0.2393 | 3986 |
| 8 chrC1.251777A | G | 0.4776 | 3972 |
| 8 chrC1.251818G | A | 0.3726 | 3956 |
| 8 chrC1.251893A | G | 0.336 | 3982 |
| 8 chrC1.251950G | A | 0.3211 | 4002 |
| 8 chrC1.252013A | G | 0.1752 | 3956 |
| 8 chrC1.252045A | G | 0.1128 | 3812 |
| 8 chrC1.252079G | A | 0.03192 | 4010 |
| 8 chrC1.252118G | A | 0.1294 | 4002 |
| 8 chrC1.252181C | A | 0.129 | 3992 |
| 8 chrC1.252213A | G | 0.2398 | 4008 |
| 8 chrC1.252239G | A | 0.129 | 3992 |
| 8 chrC1.252278G | A | 0.3873 | 3932 |
| 8 chrC1.252319A | G | 0.1574 | 3876 |
| 8 chrC1.252463A | G | 0.2071 | 3984 |
| 8 chrC1.252497G | A | 0.1258 | 3968 |
| 8 chrUn25.190A | G | 0.1307 | 3948 |

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| 9 chrUn31.2028G | A | 0.3408 | 4002 |
| 9 chrX.1250694G | A | 0.1637 | 4002 |
| 9 chrX.1250638C | A | 0.2548 | 3944 |
| 9 chrUn31.1971C | A | 0.0903 | 3998 |
| 9 chrUn31.1981 | 0 A | 0 | 4006 |
| 9 chrUn31.1931A | G | 0.04713 | 4010 |
| 9 chrUn31.1901A | G | 0.1104 | 3996 |
| 9 chrUn31.1871A | C | 0.2149 | 3988 |
| 9 chrUn31.1841G | A | 0.3626 | 4004 |
| 9 chrUn31.1808G | A | 0.2341 | 4002 |
| 9 chrUn31.1761A | G | 0.2514 | 4002 |
| 9 chrUn31.1721G | A | 0.2063 | 3970 |
| 9 chrUn31.1651A | G | 0.1563 | 4004 |
| 9 chrUn31.1601G | A | 0.04518 | 4006 |
| 9 chrUn31.1511G | A | 0.3317 | 3988 |
| 9 chrUn31.1401A | G | 0.1193 | 3990 |
| 9 chrUn31.1381G | A | 0.143 | 3894 |
| 9 chrUn31.1351A | G | 0.2875 | 4004 |
| 9 chrUn31.1311A | G | 0.1298 | 3992 |
| 9 chrC2.32473 A | G | 0.07147 | 3750 |
| 9 chrC2.83682 A | G | 0.06128 | 3998 |
| 9 chrC2.159751A | G | 0.01864 | 3808 |
| 9 chrC2.195041G | A | 0.1786 | 4004 |
| 9 chrC2.262161A | G | 0.09624 | 3990 |
| 9 chrC2.303212A | G | 0.09136 | 4006 |
| 9 chrC2.327345A | C | 0.4624 | 3988 |
| 9 chrC2.384886G | A | 0.4597 | 3972 |
| 9 chrUn.301321C | A | 0.2144 | 3830 |
| 9 chrC2.409452G | A | 0.3205 | 3732 |
| 9 chrC2.469567G | A | 0.198 | 3778 |
| 9 chrC2.557502A | G | 0.1196 | 4004 |
| 9 chrC2.604513A | G | 0.1121 | 4006 |
| 9 chrC2.612171 | 0 G | 0 | 3920 |
| 9 chrC2.632252A | G | 0.145 | 3944 |
| 9 chrC2.657945A | G | 0.004585 | 3926 |
| 9 chrC2.844864A | C | 0.1554 | 3874 |
| 9 chrC2.922025A | G | 0.3342 | 3998 |
| 9 chrC2.101941A | G | 0.08714 | 3982 |
| 9 chrC2.116104C | A | 0.3121 | 3992 |
| 9 chrC2.235111A | G | 0.2501 | 4006 |
| 9 chrUn.334011G | A | 0.2746 | 3988 |

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| 9 chrC2.498532A | G | 0.04329 | 3950 |
| 9 chrC2.149148C | A | 0.1523 | 4004 |
| 9 chrC2.156642C | A | 0.1467 | 4002 |
| 9 chrC2.169541G | A | 0.3561 | 3990 |
| 9 chrC2.211869A | G | 0.008097 | 3952 |
| 9 chrC2.214514G | A | 0.19 | 3732 |
| 9 chrC2.214748A | G | 0.4263 | 3906 |
| 9 chrC2.218333G | A | 0.3293 | 3990 |
| 9 chrC2.222738A | G | 0.3257 | 3992 |
| 9 chrC2.244749G | A | 0.2053 | 3974 |
| 9 chrC2.252208A | G | 0.0817 | 3990 |
| 9 chrC2.256384A | G | 0.03453 | 3996 |
| 9 chrC2.260639G | A | 0.007485 | 4008 |
| 9 chrC2.272583A | G | 0.3425 | 4006 |
| 9 chrC2.279050A | G | 0.1973 | 3978 |
| 9 chrC2.285660A | G | 0.3117 | 3998 |
| 9 chrC2.288252G | A | 0.4778 | 4010 |
| 9 chrUn7.36031A | G | 0.2834 | 3994 |
| 9 chrC2.295050A | G | 0.2826 | 3992 |
| 9 chrC2.301240G | A | 0.3845 | 3982 |
| 9 chrC2.305119G | A | 0.1986 | 3992 |
| 9 chrC2.309631A | C | 0.4148 | 3990 |
| 9 chrC2.313035G | A | 0.4737 | 3994 |
| 9 chrC2.319282A | G | 0.1326 | 3772 |
| 9 chrC2.319380G | A | 0.3544 | 3964 |
| 9 chrC2.321666G | A | 0.02374 | 4002 |
| 9 chrC2.326522A | G | 0.245 | 3996 |
| 9 chrC2.331102A | G | 0.126 | 3976 |
| 9 chrC2.335888A | G | 0.4023 | 3940 |
| 9 chrC2.343502G | A | 0.4413 | 3988 |
| 9 chrC2.346436A | G | 0.2603 | 3988 |
| 9 chrC2.349972A | G | 0.4997 | 3974 |
| 9 chrC2.352827G | A | 0.2453 | 3796 |
| 9 chrC2.360525A | G | 0.2258 | 3982 |
| 9 chrC2.365812G | A | 0.4326 | 4006 |
| 9 chrC2.369668A | G | 0.3578 | 3994 |
| 9 chrC2.373248A | G | 0.3058 | 4000 |
| 9 chrC2.381505A | G | 0.1937 | 3964 |
| 9 chrC2.385329G | A | 0.4346 | 3974 |
| 9 chrC2.389202G | A | 0.2555 | 3906 |
| 9 chrC2.394120A | G | 0.4064 | 3996 |

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| 9 chrUn.535241A | G | 0.2499 | 3834 |
| 9 chrUn.590491A | G | 0.07226 | 3792 |
| 9 chrC2.396784A | G | 0.1512 | 3974 |
| 9 chrC2.403018A | G | 0.0994 | 4004 |
| 9 chrC2.404087A | G | 0.1887 | 3996 |
| 9 chrC2.407143A | G | 0.249 | 3984 |
| 9 chrC2.412620A | G | 0.455 | 4000 |
| 9 chrC2.412626A | C | 0.2959 | 3994 |
| 9 chrC2.428985G | A | 0.2851 | 4006 |
| 9 chrC2.432425A | C | 0.006497 | 4002 |
| 9 chrC2.437426A | G | 0.3673 | 3994 |
| 9 chrC2.440302G | A | 0.3175 | 3990 |
| 9 chrC2.445531G | A | 0.43 | 3974 |
| 9 chrC2.449529A | G | 0.02398 | 4004 |
| 9 chrC2.458319C | A | 0.2535 | 3996 |
| 9 chrC2.462848A | G | 0.3717 | 3984 |
| 9 chrC2.468410A | G | 0.1425 | 3992 |
| 9 chrC2.473927A | C | 0.3643 | 4002 |
| 9 chrC2.476425C | A | 0.3373 | 3988 |
| 9 chrC2.479140G | A | 0.04488 | 3988 |
| 9 chrC2.482398G | A | 0.4434 | 3992 |
| 9 chrC2.485766C | A | 0.01332 | 3904 |
| 9 chrC2.493702A | C | 0.2206 | 3840 |
| 9 chrC2.501877G | A | 0.284 | 4004 |
| 9 chrC2.504354A | G | 0.3168 | 3946 |
| 9 chrC2.509596G | A | 0.3568 | 3994 |
| 9 chrC2.513258A | G | 0.05937 | 3992 |
| 9 chrC2.516207G | A | 0.3083 | 3996 |
| 9 chrC2.523329A | G | 0.1308 | 4006 |
| 9 chrC2.534109A | G | 0.2185 | 3996 |
| 9 chrC2.537872G | A | 0.0684 | 3918 |
| 9 chrC2.542315A | G | 0.3941 | 4004 |
| 9 chrC2.546776G | A | 0.1306 | 3990 |
| 9 chrC2.549255A | G | 0.3657 | 3976 |
| 9 chrC2.553277A | G | 0.2089 | 3998 |
| 9 chrC2.558309A | G | 0.4672 | 3690 |
| 9 chrC2.562162A | G | 0.1006 | 4004 |
| 9 chrC2.571009G | A | 0.01456 | 3984 |
| 9 chrC2.574392A | G | 0.2801 | 3988 |
| 9 chrC2.584183A | G | 0.441 | 3914 |
| 9 chrC2.587434A | G | 0.2269 | 3998 |

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| 9 chrC2.5911112A | C | 0.412 | 3956 |
| 9 chrC2.594176C | A | 0.1156 | 4006 |
| 9 chrC2.598852A | C | 0.1472 | 4008 |
| 9 chrC2.602262A | G | 0.2038 | 4004 |
| 9 chrC2.606592A | G | 0.1178 | 3776 |
| 9 chrC2.611309G | A | 0.05312 | 4010 |
| 9 chrC2.615057 | 0 A | 0 | 4008 |
| 9 chrC2.620417G | A | 0.4207 | 3998 |
| 9 chrC2.623763G | A | 0.3864 | 3998 |
| 9 chrC2.627936A | G | 0.101 | 3940 |
| 9 chrC2.631047A | G | 0.03844 | 4006 |
| 9 chrC2.634707A | C | 0.01122 | 3922 |
| 9 chrC2.638403C | A | 0.3143 | 4000 |
| 9 chrC2.642891G | A | 0.02946 | 4006 |
| 9 chrC2.646329G | A | 0.4114 | 3726 |
| 9 chrC2.651934G | A | 0.2636 | 3984 |
| 9 chrC2.654857A | G | 0.4575 | 3978 |
| 9 chrC2.661320C | A | 0.1826 | 3982 |
| 9 chrC2.665831A | G | 0.3397 | 3956 |
| 9 chrC2.668738G | A | 0.2519 | 3998 |
| 9 chrC2.672298C | A | 0.1863 | 3876 |
| 9 chrC2.674185G | A | 0.3615 | 4006 |
| 9 chrC2.680970A | G | 0.1264 | 4004 |
| 9 chrC2.686638G | A | 0.0272 | 3750 |
| 9 chrC2.689232G | A | 0.4025 | 3988 |
| 9 chrC2.692438A | G | 0.405 | 3990 |
| 9 chrC2.696085A | G | 0.003992 | 4008 |
| 9 chrC2.698952A | C | 0.4787 | 3998 |
| 9 chrC2.705219A | G | 0.2999 | 3978 |
| 9 chrUn.149813G | A | 0.3514 | 3964 |
| 9 chrC2.709261G | A | 0.1447 | 3966 |
| 9 chrC2.713074A | G | 0.2796 | 3984 |
| 9 chrC2.719480G | A | 0.07175 | 3972 |
| 9 chrC2.722558A | G | 0.06745 | 3736 |
| 9 chrC2.724955G | A | 0.379 | 3984 |
| 9 chrC2.727645A | G | 0.3883 | 3994 |
| 9 chrC2.730305A | G | 0.09141 | 3774 |
| 9 chrC2.733378A | G | 0.05583 | 3994 |
| 9 chrC2.739452G | A | 0.2226 | 3966 |
| 9 chrC2.747191G | A | 0.09339 | 3994 |
| 9 chrC2.750576G | A | 0.241 | 4000 |

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| 9 chrC2.753878G | A | 0.1907 | 4000 |
| 9 chrC2.756686G | A | 0.1876 | 3780 |
| 9 chrC2.759073A | G | 0.03293 | 3826 |
| 9 chrC2.761562C | A | 0.05706 | 3996 |
| 9 chrC2.772737G | A | 0.1683 | 3970 |
| 9 chrC2.773130A | G | 0.3895 | 4000 |
| 9 chrC2.778270A | G | 0.4771 | 3806 |
| 9 chrC2.782855G | A | 0.3912 | 4000 |
| 9 chrC2.786029G | A | 0.3977 | 3988 |
| 9 chrC2.794282C | A | 0.2309 | 3950 |
| 9 chrC2.800523G | A | 0.07854 | 3858 |
| 9 chrC2.804061A | G | 0.2453 | 4004 |
| 9 chrC2.906325A | G | 0.4503 | 3904 |
| 9 chrC2.807924G | A | 0.1849 | 4002 |
| 9 chrC2.811115G | A | 0.4083 | 4002 |
| 9 chrC2.814529A | G | 0.08764 | 3982 |
| 9 chrC2.821061A | G | 0.3652 | 4006 |
| 9 chrUn.211101A | G | 0.04273 | 4002 |
| 9 chrC2.826025A | G | 0.253 | 3980 |
| 9 chrC2.828809C | A | 0.4471 | 3988 |
| 9 chrC2.836482A | G | 0.1148 | 4000 |
| 9 chrC2.844505A | G | 0.1343 | 3640 |
| 9 chrC2.851346A | G | 0.4968 | 4002 |
| 9 chrC2.857340A | G | 0.231 | 3982 |
| 9 chrC2.862192A | G | 0.1856 | 3954 |
| 9 chrC2.865457A | G | 0.3872 | 3982 |
| 9 chrC2.866812G | A | 0.3375 | 4000 |
| 9 chrC2.870440A | G | 0.4255 | 4002 |
| 9 chrC2.881215G | A | 0.4382 | 3996 |
| 9 chrC2.883740A | G | 0.1255 | 4000 |
| 9 chrC2.887802G | A | 0.255 | 4000 |
| 9 chrC2.892088G | A | 0.3207 | 3998 |
| 9 chrC2.899416A | G | 0.1526 | 4004 |
| 9 chrC2.902611A | G | 0.278 | 4000 |
| 9 chrC2.912093A | G | 0.1213 | 3736 |
| 9 chrC2.912813 | 0 G | 0 | 4006 |
| 9 chrC2.914708A | G | 0.1404 | 4004 |
| 9 chrC2.917773A | G | 0.1443 | 4006 |
| 9 chrC2.923596A | G | 0.1018 | 3908 |
| 9 chrC2.932687A | G | 0.02471 | 4006 |
| 9 chrC2.935286A | C | 0.1708 | 3992 |

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| 9 chrC2.940309A | G | 0.2503 | 3920 |
| 9 chrC2.942823G | A | 0.1711 | 3980 |
| 9 chrC2.948091A | G | 0.2203 | 4004 |
| 9 chrC2.954972 | 0 A | 0 | 3986 |
| 9 chrC2.962221A | C | 0.1753 | 3890 |
| 9 chrC2.969683C | A | 0.0496 | 3992 |
| 9 chrC2.972104A | G | 0.00499 | 4008 |
| 9 chrC2.978236A | G | 0.04718 | 4006 |
| 9 chrUn.755926G | A | 0.2364 | 3994 |
| 9 chrC2.981604G | A | 0.3781 | 3994 |
| 9 chrC2.987934G | A | 0.05539 | 4008 |
| 9 chrC2.991065A | G | 0.37 | 4000 |
| 9 chrC2.993616A | G | 0.2022 | 3996 |
| 9 chrC2.996496A | G | 0.1437 | 3974 |
| 9 chrC2.100026A | G | 0.03167 | 4010 |
| 9 chrC2.100529A | G | 0.3431 | 4002 |
| 9 chrC2.100772G | A | 0.1678 | 3958 |
| 9 chrC2.101106A | G | 0.06811 | 4008 |
| 9 chrC2.101809C | A | 0.1103 | 3872 |
| 9 chrC2.102126C | A | 0.391 | 3780 |
| 9 chrC2.102256G | A | 0.1237 | 4010 |
| 9 chrC2.102739G | A | 0.2435 | 4008 |
| 9 chrC2.103196G | A | 0.1329 | 4002 |
| 9 chrC2.104009A | G | 0.1573 | 3986 |
| 9 chrC2.104246A | G | 0.1347 | 3994 |
| 9 chrC2.104275G | A | 0.3845 | 3956 |
| 9 chrC2.104804A | G | 0.1838 | 4004 |
| 9 chrC2.105051A | G | 0.05835 | 4010 |
| 9 chrC2.105353A | G | 0.1038 | 4008 |
| 9 chrC2.105884G | A | 0.1311 | 4004 |
| 9 chrC2.106322A | G | 0.04092 | 4008 |
| 9 chrC2.106575A | G | 0.3442 | 3992 |
| 9 chrC2.106966A | G | 0.01338 | 3662 |
| 9 chrC2.107205G | A | 0.2411 | 4006 |
| 9 chrC2.107734A | C | 0.3382 | 4004 |
| 9 chrC2.108053G | A | 0.4557 | 3882 |
| 9 chrC2.108398A | G | 0.01838 | 3918 |
| 9 chrC2.108696G | A | 0.211 | 3886 |
| 9 chrC2.109066A | G | 0.4099 | 3996 |
| 9 chrC2.109333G | A | 0.4557 | 3994 |
| 9 chrC2.109408G | A | 0.01752 | 3996 |

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| 9 chrC2.109681A | G | 0.1527 | 4002 |
| 9 chrC2.110111A | G | 0.2522 | 3866 |
| 9 chrC2.110787G | A | 0.192 | 4006 |
| 9 chrC2.111316G | A | 0.4343 | 3990 |
| 9 chrC2.111704A | G | 0.397 | 3980 |
| 9 chrC2.112136A | G | 0.148 | 4008 |
| 9 chrC2.112507G | A | 0.06647 | 4002 |
| 9 chrC2.112752G | A | 0.3122 | 4004 |
| 9 chrC2.113097A | G | 0.4706 | 3980 |
| 9 chrC2.113630C | A | 0.1265 | 3960 |
| 9 chrC2.114405A | C | 0.3747 | 3976 |
| 9 chrC2.114792G | A | 0.3989 | 3998 |
| 9 chrC2.115042A | G | 0.0503 | 3956 |
| 9 chrC2.115540G | A | 0.2121 | 3956 |
| 9 chrC2.115876A | G | 0.1719 | 3990 |
| 9 chrC2.116685A | C | 0.263 | 4004 |
| 9 chrC2.116929A | G | 0.1949 | 3996 |
| 9 chrC2.117194A | G | 0.2765 | 4000 |
| 9 chrC2.117463G | A | 0.2957 | 3984 |
| 9 chrC2.117773A | G | 0.2616 | 3980 |
| 9 chrC2.118588A | G | 0.002993 | 4010 |
| 9 chrC2.119918A | C | 0.0967 | 4002 |
| 9 chrC2.120399G | A | 0.09975 | 4000 |
| 9 chrC2.121097G | A | 0.2516 | 3756 |
| 9 chrC2.121898G | A | 0.255 | 3930 |
| 9 chrC2.122360A | G | 0.02185 | 3890 |
| 9 chrC2.123495G | A | 0.259 | 3984 |
| 9 chrC2.124038A | G | 0.1558 | 3998 |
| 9 chrC2.124645G | A | 0.2059 | 3988 |
| 9 chrC2.124952A | G | 0.02625 | 4000 |
| 9 chrC2.125339G | A | 0.2444 | 3990 |
| 9 chrC2.125438A | G | 0.2926 | 4002 |
| 9 chrC2.125994G | A | 0.1617 | 3996 |
| 9 chrC2.126296G | A | 0.1097 | 3994 |
| 9 chrC2.126555G | A | 0.1487 | 4008 |
| 9 chrC2.127050A | G | 0.1496 | 3736 |
| 9 chrC2.127108A | G | 0.2186 | 4002 |
| 9 chrC2.127463C | A | 0.09611 | 4006 |
| 9 chrC2.128171C | A | 0.2615 | 3992 |
| 9 chrC2.128445A | G | 0.4216 | 3992 |
| 9 chrC2.128847G | A | 0.3213 | 4002 |

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| 9 chrC2.129239A | G | 0.3376 | 3996 |
| 9 chrD4.658821A | G | 0.2111 | 3984 |
| 9 chrC2.129651G | A | 0.2977 | 3870 |
| 9 chrC2.130073A | G | 0.003761 | 3988 |
| 9 chrC2.131348A | G | 0.1537 | 4008 |
| 9 chrC2.131910A | C | 0.2146 | 3932 |
| 9 chrC2.132500A | G | 0.08704 | 3998 |
| 9 chrC2.137837A | G | 0.2983 | 3986 |
| 9 chrC2.140233G | A | 0.3976 | 3994 |
| 9 chrC2.133762A | C | 0.4122 | 3998 |
| 9 chrC2.134184A | C | 0.318 | 3884 |
| 9 chrC2.162417A | G | 0.3488 | 3936 |
| 9 chrC2.162807A | G | 0.06186 | 3880 |
| 9 chrC2.165282A | G | 0.2373 | 3780 |
| 9 chrC2.173563C | A | 0.1527 | 4002 |
| 9 chrC2.190000A | G | 0.07287 | 3678 |
| 9 chrC2.136145A | C | 0.1984 | 3992 |
| 9 chrC2.201451A | G | 0.4612 | 3970 |
| 9 chrC2.204595G | A | 0.08256 | 3900 |
| 9 chrC2.207200A | G | 0.482 | 4004 |
| 9 chrC2.210923A | C | 0.3827 | 3946 |
| 9 chrC2.137414G | A | 0.407 | 4000 |
| 9 chrC2.137541G | A | 0.02252 | 3818 |
| 9 chrC2.137851G | A | 0.2575 | 4000 |
| 9 chrC2.138220A | G | 0.3283 | 3920 |
| 9 chrC2.138556A | G | 0.1507 | 3808 |
| 9 chrC2.138861A | G | 0.2294 | 4010 |
| 9 chrC2.139288A | G | 0.1364 | 4004 |
| 9 chrC2.139566A | G | 0.09389 | 3994 |
| 9 chrC2.139808A | G | 0.1045 | 3992 |
| 9 chrC2.140202A | G | 0.4263 | 4002 |
| 9 chrC2.140636A | C | 0.2308 | 4000 |
| 9 chrC2.140645 | 0 A | 0 | 4010 |
| 9 chrC2.140930A | G | 0.2713 | 3992 |
| 9 chrC2.141180G | A | 0.4785 | 4002 |
| 9 chrC2.141465A | G | 0.1392 | 3830 |
| 9 chrC2.141730A | G | 0.07271 | 4002 |
| 9 chrC2.142170G | A | 0.2836 | 3970 |
| 9 chrC2.142565G | A | 0.06647 | 3686 |
| 9 chrC2.143031G | A | 0.2546 | 3994 |
| 9 chrC2.143439A | G | 0.08483 | 3890 |

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| 9 chrC2.143886A | G | 0.2562 | 3946 |
| 9 chrC2.144168G | A | 0.3075 | 4006 |
| 9 chrC2.144408A | C | 0.08968 | 3992 |
| 9 chrC2.144476C | A | 0.4463 | 3988 |
| 9 chrC2.145085A | G | 0.189 | 4010 |
| 9 chrC2.145642A | G | 0.2509 | 3842 |
| 9 chrC2.146047A | G | 0.258 | 4004 |
| 9 chrC2.146382A | G | 0.1145 | 3990 |
| 9 chrC2.147513G | A | 0.221 | 4000 |
| 9 chrC2.148331A | G | 0.3949 | 3996 |
| 9 chrC2.148625G | A | 0.4414 | 3910 |
| 9 chrC2.149027A | C | 0.1223 | 4006 |
| 9 chrC2.149319C | A | 0.1207 | 3918 |
| 9 chrC2.149672A | G | 0.05495 | 4004 |
| 9 chrC2.149932A | G | 0.2529 | 3966 |
| 9 chrC2.150383A | G | 0.2714 | 3980 |
| 9 chrC2.150638G | A | 0.4191 | 3916 |
| 9 chrC2.151078C | A | 0.2017 | 3976 |
| 9 chrC2.151355A | G | 0.3806 | 3994 |
| 9 chrC2.151622C | A | 0.2399 | 4002 |
| 9 chrC2.152213A | C | 0.2077 | 3958 |
| 9 chrC2.152644G | A | 0.4108 | 4004 |
| 9 chrC2.152726A | G | 0.225 | 3942 |
| 9 chrC2.153238A | G | 0.1827 | 4002 |
| 9 chrC2.153788C | A | 0.01253 | 3992 |
| 9 chrC2.154090G | A | 0.09733 | 3976 |
| 9 chrC2.154130A | G | 0.2769 | 3868 |
| 9 chrC2.154495A | G | 0.1678 | 3976 |
| 9 chrC2.154822A | G | 0.1816 | 4004 |
| 9 chrC2.155195G | A | 0.09965 | 4004 |
| 9 chrC2.155849A | C | 0.02444 | 4010 |
| 9 chrC2.156142G | A | 0.2765 | 4004 |
| 9 chrC2.156589A | G | 0.1561 | 3992 |
| 9 chrC2.157304A | G | 0.03629 | 3968 |
| 9 chrC2.157877G | A | 0.2072 | 3828 |
| 9 chrC2.159377A | G | 0.1311 | 3996 |
| 9 chrC2.159699G | A | 0.3361 | 3960 |
| 9 chrC2.160023A | G | 0.2762 | 3994 |
| 9 chrC2.160125G | A | 0.192 | 4006 |
| 9 chrC2.160370G | A | 0.3144 | 3988 |
| 9 chrC2.160738G | A | 0.4496 | 3972 |

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| 9 chrC2.161232A | G | 0.4774 | 3984 |
| 9 chrC2.161804A | G | 0.3975 | 3952 |
| 9 chrC2.162507A | C | 0.2237 | 3996 |
| 9 chrC2.162790C | A | 0.2215 | 3986 |
| 9 chrC2.163344G | A | 0.1595 | 4000 |
| 9 chrC2.163865G | A | 0.1524 | 4010 |
| 9 chrC2.164164A | G | 0.112 | 4000 |
| 9 chrC2.164541A | G | 0.08853 | 4010 |
| 9 chrC2.164891A | G | 0.2258 | 4004 |
| 9 chrC2.165496G | A | 0.1287 | 3994 |
| 9 chrUn.237211A | G | 0.05522 | 4002 |
| 9 chrC2.166163C | A | 0.06134 | 3978 |
| 9 chrC2.166550G | A | 0.1806 | 3958 |
| 9 chrC1.244507 | 0 C | 0 | 4006 |
| 9 chrC2.167077A | G | 0.269 | 4000 |
| 9 chrUn.701934G | A | 0.4575 | 4004 |
| 9 chrUn.255976A | G | 0.2672 | 3926 |
| 9 chrC2.167567G | A | 0.05417 | 4006 |
| 9 chrC2.167823A | G | 0.04098 | 4002 |
| 9 chrC2.168073A | G | 0.0327 | 3976 |
| 9 chrC2.168843G | A | 0.142 | 4000 |
| 9 chrC2.169260G | A | 0.2928 | 3992 |
| 9 chrC2.169652A | C | 0.07354 | 3998 |
| 9 chrC2.170100C | A | 0.2751 | 3992 |
| 9 chrC2.170419G | A | 0.2962 | 3828 |
| 9 chrC2.171045C | A | 0.1421 | 4004 |
| 9 chrC2.171217A | G | 0.4128 | 4000 |
| 9 chrC2.171394A | G | 0.3413 | 3994 |
| 9 chrC2.172090A | C | 0.003562 | 3930 |
| 9 chrC2.172455C | A | 0.02506 | 3910 |
| 9 chrC2.172897A | G | 0.4847 | 3924 |
| 9 chrC2.173565G | A | 0.4538 | 4008 |
| 9 chrC2.173852G | A | 0.1466 | 3998 |
| 9 chrC2.174354A | G | 0.09685 | 4006 |
| 9 chrC2.174667A | G | 0.02371 | 3964 |
| 9 chrC2.175027A | G | 0.2302 | 3996 |
| 9 chrC2.175168C | A | 0.1838 | 3998 |
| 9 chrC2.175354A | G | 0.1514 | 4002 |
| 9 chrC2.175947G | A | 0.1111 | 3692 |
| 9 chrC2.176230C | A | 0.07733 | 3944 |
| 9 chrC2.177852C | A | 0.2156 | 3956 |

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| 9 chrC2.178371A | G | 0.3486 | 3984 |
| 9 chrC2.178641C | A | 0.1294 | 4010 |
| 9 chrC2.178902C | A | 0.1836 | 4004 |
| 9 chrC2.179179A | G | 0.2355 | 4008 |
| 9 chrC2.179714A | G | 0.1831 | 4004 |
| 9 chrC2.180367A | G | 0.1962 | 4002 |
| 9 chrC2.180715G | A | 0.02244 | 4010 |
| 9 chrC2.182053A | G | 0.1191 | 3778 |
| 9 chrC2.183065G | A | 0.144 | 4008 |
| 9 chrC2.183407G | A | 0.01946 | 4008 |
| 9 chrC2.183870A | G | 0.1911 | 3966 |
| 9 chrC2.184149G | A | 0.3572 | 3998 |
| 9 chrC2.184456G | A | 0.3601 | 3966 |
| 9 chrC2.185173G | A | 0.2952 | 3974 |
| 9 chrC2.185502A | G | 0.1298 | 3828 |
| 9 chrC2.185799G | A | 0.06459 | 4010 |
| 9 chrC2.186347G | A | 0.3003 | 3976 |
| 9 chrC2.187274C | A | 0.252 | 4008 |
| 9 chrC2.187680G | A | 0.08284 | 3694 |
| 9 chrC2.188179A | G | 0.04945 | 3842 |
| 9 chrC2.188640A | G | 0.03236 | 3646 |
| 9 chrC2.189174G | A | 0.3808 | 3944 |
| 9 chrC2.189453A | G | 0.3885 | 4000 |
| 9 chrC2.190238A | G | 0.03296 | 3762 |
| 9 chrC2.190947A | G | 0.1138 | 3998 |
| 9 chrC2.191214A | G | 0.3697 | 3992 |
| 9 chrC2.191673A | G | 0.4859 | 3968 |
| 9 chrC2.191740C | A | 0.1964 | 4002 |
| 9 chrC2.191745 | 0 A | 0 | 3996 |
| 9 chrC2.192174G | A | 0.3459 | 3992 |
| 9 chrC2.193072A | G | 0.2959 | 3998 |
| 9 chrC2.193378A | G | 0.139 | 3986 |
| 9 chrC2.193670A | C | 0.05264 | 4008 |
| 9 chrC2.193948G | A | 0.07879 | 3998 |
| 9 chrC2.194247A | G | 0.4965 | 4000 |
| 9 chrC2.194554G | A | 0.1589 | 3996 |
| 9 chrC2.195387A | G | 0.1392 | 3972 |
| 9 chrC2.195662A | G | 0.2831 | 3974 |
| 9 chrC2.196277G | A | 0.436 | 3986 |
| 9 chrC2.196600A | G | 0.3355 | 4000 |
| 9 chrC2.197467G | A | 0.09211 | 4006 |

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|-----------------|-----|----------|------|
| 9 chrC2.198291G | A | 0.3866 | 3996 |
| 9 chrC2.198983A | G | 0.1626 | 4010 |
| 9 chrC2.199521A | G | 0.1658 | 3902 |
| 9 chrC2.199881A | G | 0.004242 | 4008 |
| 9 chrC2.200355A | G | 0.1763 | 4004 |
| 9 chrC2.200637G | A | 0.2674 | 3998 |
| 9 chrC2.201046G | A | 0.1955 | 4006 |
| 9 chrUn.418559C | A | 0.1784 | 4002 |
| 9 chrC2.201941A | G | 0.3006 | 3902 |
| 9 chrC2.202333A | G | 0.003992 | 4008 |
| 9 chrC1.811111A | G | 0.4864 | 3974 |
| 9 chrC2.202973G | A | 0.3201 | 4002 |
| 9 chrC2.203259G | A | 0.1735 | 3930 |
| 9 chrC2.203522G | A | 0.2 | 3880 |
| 9 chrC2.204083A | C | 0.1296 | 4004 |
| 9 chrC2.204323A | C | 0.455 | 3996 |
| 9 chrC2.204794A | G | 0.1165 | 3948 |
| 9 chrC2.205409A | G | 0.3948 | 3954 |
| 9 chrC2.205755A | G | 0.4777 | 3954 |
| 9 chrC2.206112C | A | 0.1004 | 3936 |
| 9 chrC2.206369A | G | 0.1001 | 3918 |
| 9 chrC2.206649G | A | 0.1413 | 4006 |
| 9 chrC2.207292G | A | 0.1106 | 3998 |
| 9 chrC2.207908G | A | 0.2984 | 3988 |
| 9 chrC2.208301A | G | 0.3852 | 3866 |
| 9 chrC2.208770A | G | 0.3957 | 3662 |
| 9 chrC2.209110C | A | 0.06518 | 4004 |
| 9 chrB1.456223 | 0 G | 0 | 3926 |
| 9 chrC2.209391A | G | 0.2681 | 3980 |
| 9 chrC2.210050A | G | 0.2622 | 3878 |
| 9 chrC2.210532A | G | 0.4311 | 3888 |
| 9 chrC2.210533G | A | 0.3452 | 3972 |
| 9 chrC2.211177A | G | 0.1104 | 3876 |
| 9 chrC2.211453G | A | 0.3104 | 3992 |
| 9 chrC2.211766G | A | 0.4077 | 4000 |
| 9 chrC2.212048C | A | 0.3873 | 3992 |
| 9 chrC2.212730G | A | 0.2666 | 4002 |
| 9 chrC2.213114A | G | 0.001747 | 4008 |
| 9 chrC2.213643A | G | 0.4395 | 4000 |
| 9 chrC2.214065A | C | 0.05636 | 4010 |
| 9 chrC2.214415G | A | 0.3972 | 3912 |

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|-----------------|---|----------|------|
| 9 chrC2.214781C | A | 0.4122 | 3940 |
| 9 chrC2.215168A | G | 0.1733 | 3900 |
| 9 chrC2.215694G | A | 0.1742 | 4006 |
| 9 chrC2.215944A | G | 0.3113 | 3926 |
| 9 chrC2.216194G | A | 0.4347 | 3908 |
| 9 chrC2.216547G | A | 0.1389 | 4004 |
| 9 chrC2.216808A | G | 0.2302 | 3988 |
| 9 chrC2.217146G | A | 0.3485 | 3908 |
| 9 chrC2.217495G | A | 0.0122 | 3852 |
| 9 chrC2.217927A | G | 0.003493 | 4008 |
| 9 chrC2.218432A | G | 0.3059 | 3828 |
| 9 chrC2.218901A | G | 0.1321 | 4006 |
| 9 chrC2.219347G | A | 0.2424 | 4006 |
| 9 chrC2.219925A | G | 0.1745 | 4006 |
| 9 chrC2.220384A | G | 0.2112 | 3986 |
| 9 chrC2.221300G | A | 0.3458 | 3988 |
| 9 chrC2.221655G | A | 0.0535 | 4000 |
| 9 chrC2.222086A | G | 0.4927 | 3988 |
| 9 chrC2.222330A | G | 0.3894 | 4006 |
| 9 chrC2.222722A | G | 0.3582 | 3992 |
| 9 chrC2.222832C | A | 0.247 | 3996 |
| 9 chrC2.223092G | A | 0.2021 | 4002 |
| 9 chrC2.223591A | G | 0.4647 | 3996 |
| 9 chrC2.223945G | A | 0.3864 | 4004 |
| 9 chrC2.224334G | A | 0.4135 | 4000 |
| 9 chrC2.224637G | A | 0.3239 | 3782 |
| 9 chrC2.224795A | G | 0.4349 | 4008 |
| 9 chrC2.225034A | G | 0.3104 | 4004 |
| 9 chrC2.225514A | G | 0.3564 | 3990 |
| 9 chrC2.226070G | A | 0.1949 | 3996 |
| 9 chrC2.226509A | G | 0.2532 | 3962 |
| 9 chrC2.226932G | A | 0.1815 | 3988 |
| 9 chrC2.227247G | A | 0.3481 | 3930 |
| 9 chrC2.228077A | C | 0.4644 | 3994 |
| 9 chrC2.228748A | G | 0.2086 | 3850 |
| 9 chrC2.228994A | C | 0.3671 | 4010 |
| 9 chrC2.229230A | G | 0.2384 | 3964 |
| 9 chrC2.229789A | C | 0.4639 | 3986 |
| 9 chrC2.230371C | A | 0.5 | 3992 |
| 9 chrC2.230609A | G | 0.2321 | 3964 |
| 9 chrC2.230988A | G | 0.04712 | 3884 |

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|-----------------|-----|---------|------|
| 9 chrC2.231396C | A | 0.2723 | 3966 |
| 9 chrC2.232177A | G | 0.3953 | 3982 |
| 9 chrC2.233065G | A | 0.3864 | 3998 |
| 9 APP.162 | 0 A | 0 | 4000 |
| 9 APP.308 | 0 A | 0 | 4000 |
| 9 chrC2.233725A | G | 0.1145 | 3984 |
| 9 chrC2.234107A | G | 0.1415 | 4008 |
| 9 chrC2.234575G | A | 0.2851 | 3978 |
| 9 chrC2.235248G | A | 0.1721 | 4004 |
| 9 chrC2.235645C | A | 0.4239 | 3940 |
| 9 chrC2.236041G | A | 0.3107 | 3936 |
| 9 chrC2.236400G | A | 0.1166 | 4006 |
| 9 chrC2.236598A | G | 0.2694 | 3990 |
| 9 chrC2.236980A | G | 0.3146 | 4002 |
| 9 chrC2.237585A | G | 0.3392 | 3986 |
| 9 chrX.1273838C | A | 0.3078 | 3986 |
| 9 chrC2.237902A | G | 0.4733 | 3744 |
| 9 chrC2.238334A | G | 0.3981 | 4004 |
| 9 chrC2.238852A | G | 0.1575 | 3980 |
| 9 chrC2.239296G | A | 0.499 | 3948 |
| 9 chrC2.239701A | C | 0.1328 | 3952 |
| 9 chrC2.240185G | A | 0.3865 | 3990 |
| 9 chrUn.317831A | G | 0.1308 | 3936 |
| 9 chrC2.240662G | A | 0.2795 | 4000 |
| 9 chrC2.240810A | C | 0.1248 | 4000 |
| 9 chrC2.241154G | A | 0.04171 | 4004 |
| 9 chrUn.382861A | G | 0.2011 | 4002 |
| 9 chrC2.241486A | C | 0.1458 | 4006 |
| 9 chrC2.241985G | A | 0.1844 | 4002 |
| 9 chrC2.242505A | G | 0.421 | 3974 |
| 9 chrC2.243068G | A | 0.07221 | 4002 |
| 9 chrC2.243080A | G | 0.1121 | 3986 |
| 9 chrC2.243575A | G | 0.1685 | 4006 |
| 9 chrC2.243878A | C | 0.03575 | 4000 |
| 9 chrC2.244417C | A | 0.262 | 3966 |
| 9 chrUn.478571G | A | 0.3524 | 3978 |
| 9 chrC2.245214C | A | 0.2652 | 3974 |
| 9 chrC2.245611G | A | 0.08354 | 3986 |
| 9 chrC2.246174A | G | 0.483 | 3992 |
| 9 chrC2.247077A | G | 0.4422 | 3996 |
| 9 chrC2.247678A | C | 0.2647 | 3974 |

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|-----------------|---|----------|------|
| 9 chrC2.247959A | G | 0.003741 | 4010 |
| 9 chrUn.630116A | G | 0.3292 | 3986 |
| 9 chrC2.248257A | G | 0.434 | 4000 |
| 9 chrC2.248530G | A | 0.4208 | 4000 |
| 9 chrC2.248789C | A | 0.2479 | 3986 |
| 9 chrC2.249419G | A | 0.02272 | 4006 |
| 9 chrC2.249662A | G | 0.09461 | 4006 |
| 9 chrC2.249997A | G | 0.09353 | 3988 |
| 9 chrC2.250389A | C | 0.2259 | 3998 |
| 9 chrC2.250879A | G | 0.1092 | 3846 |
| 9 chrC2.251127A | G | 0.4119 | 3994 |
| 9 chrC2.251379A | G | 0.4985 | 3954 |
| 9 chrC2.252330G | A | 0.2054 | 3998 |
| 9 chrC2.252970G | A | 0.1247 | 3976 |
| 9 chrC2.253367A | G | 0.4064 | 3932 |
| 9 chrC2.253629A | C | 0.3235 | 4000 |
| 9 chrC2.254622G | A | 0.3872 | 3982 |
| 9 chrC2.255070A | C | 0.1446 | 3838 |
| 9 chrC2.255576C | A | 0.2805 | 3986 |
| 9 chrC2.255817A | G | 0.4418 | 3986 |
| 9 chrC2.257499G | A | 0.1503 | 3938 |
| 9 chrC2.257739A | G | 0.02772 | 3860 |
| 9 chrC2.258070G | A | 0.03499 | 3944 |
| 9 chrC2.258499A | G | 0.3301 | 3984 |
| 9 chrC2.258776G | A | 0.2089 | 3988 |
| 9 chrC2.259019G | A | 0.2186 | 3874 |
| 9 chrC2.259389G | A | 0.01042 | 3934 |
| 9 chrC2.259809G | A | 0.2267 | 3966 |
| 9 chrC2.261007A | G | 0.2889 | 3960 |
| 9 chrC2.261910G | A | 0.1352 | 4002 |
| 9 chrC2.262022G | A | 0.2625 | 3974 |
| 9 chrC2.262389A | G | 0.2283 | 3876 |
| 9 chrC2.262801A | G | 0.484 | 4006 |
| 9 chrC2.263436A | G | 0.4666 | 3982 |
| 9 chrC2.263771A | G | 0.08128 | 3974 |
| 9 chrC2.264326A | G | 0.04343 | 4006 |
| 9 chrC2.264659A | G | 0.1659 | 4008 |
| 9 chrC2.265070A | G | 0.1298 | 3974 |
| 9 chrC2.265506A | G | 0.01069 | 3836 |
| 9 chrC2.265916A | G | 0.2135 | 3930 |
| 9 chrC2.266401A | G | 0.0452 | 4004 |

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| 9 chrC2.266781G | A | 0.4418 | 3952 |
| 9 chrC2.267710A | G | 0.1515 | 3974 |
| 9 chrC2.268097A | G | 0.07406 | 3956 |
| 9 chrC2.268565A | G | 0.2161 | 3988 |
| 9 chrC2.268994A | G | 0.2776 | 3800 |
| 9 chrC2.269598A | G | 0.2112 | 3892 |
| 9 chrC2.270229A | C | 0.3777 | 4000 |
| 9 chrC2.270616G | A | 0.06461 | 3978 |
| 9 chrC2.271215A | G | 0.3362 | 3992 |
| 9 chrC2.271579A | G | 0.2719 | 3700 |
| 9 chrUn.150371C | A | 0.3461 | 3828 |
| 9 chrC2.272045C | A | 0.1615 | 4000 |
| 9 chrC2.272046A | G | 0.2185 | 4000 |
| 9 chrC2.272705G | A | 0.2384 | 3998 |
| 9 chrC2.272971G | A | 0.1083 | 3990 |
| 9 chrC2.273210G | A | 0.2467 | 3984 |
| 9 chrC2.274681A | C | 0.07028 | 3856 |
| 9 chrC2.275331G | A | 0.2116 | 3998 |
| 9 chrC2.275806A | G | 0.1178 | 3980 |
| 9 chrC2.276249G | A | 0.1249 | 4004 |
| 9 chrC2.277005A | C | 0.1479 | 4004 |
| 9 chrC2.277543G | A | 0.1034 | 3996 |
| 9 chrC2.278053A | G | 0.2234 | 3998 |
| 9 chrUn.520171A | G | 0.2367 | 3972 |
| 9 chrC2.278301A | G | 0.3107 | 3998 |
| 9 chrC2.278862A | C | 0.2351 | 3998 |
| 9 chrC2.279322A | G | 0.3993 | 3994 |
| 9 chrC2.279584A | G | 0.4227 | 3960 |
| 9 chrC2.280025G | A | 0.1141 | 4004 |
| 9 chrUn.414228G | A | 0.3074 | 4004 |
| 9 chrC2.280797A | G | 0.244 | 4004 |
| 9 chrC2.281346A | G | 0.401 | 3990 |
| 9 chrC2.281808A | G | 0.1626 | 3980 |
| 9 chrC2.282202A | G | 0.05897 | 4002 |
| 9 chrUn.243011G | A | 0.1151 | 3998 |
| 9 chrC2.282617G | A | 0.3754 | 4006 |
| 9 chrC2.283247A | C | 0.3788 | 3870 |
| 9 chrC2.284077A | G | 0.2195 | 3872 |
| 9 chrC2.284462A | G | 0.2452 | 3920 |
| 9 chrC2.285027C | A | 0.05907 | 3758 |
| 9 chrC2.285500A | G | 0.03925 | 4000 |

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|-----------------|---|---------|------|
| 9 chrC2.285847G | A | 0.3304 | 3998 |
| 9 chrC2.286093G | A | 0.4104 | 3964 |
| 9 chrC2.286765A | G | 0.06444 | 4004 |
| 9 chrC2.287640A | G | 0.343 | 4000 |
| 9 chrC2.288207A | C | 0.1266 | 3982 |
| 9 chrC2.288465C | A | 0.04388 | 3806 |
| 9 chrC2.288719A | C | 0.1377 | 3964 |
| 9 chrC2.289036G | A | 0.4673 | 4002 |
| 9 chrC2.289290A | C | 0.3982 | 3948 |
| 9 chrC2.289837C | A | 0.4497 | 4000 |
| 9 chrC2.290435G | A | 0.1702 | 3984 |
| 9 chrUn.279573A | G | 0.2758 | 3996 |
| 9 chrC2.290985G | A | 0.09805 | 4008 |
| 9 chrC2.291339A | C | 0.08108 | 3922 |
| 9 chrC2.291740A | G | 0.3012 | 4004 |
| 9 chrC2.292240A | G | 0.2401 | 3870 |
| 9 chrC2.292705G | A | 0.1579 | 3984 |
| 9 chrC2.293303A | C | 0.1279 | 4004 |
| 9 chrC2.293981A | G | 0.03591 | 4010 |
| 9 chrC2.294330A | G | 0.1815 | 3990 |
| 9 chrC2.294640A | G | 0.372 | 3978 |
| 9 chrC2.294945A | G | 0.1268 | 3982 |
| 9 chrC2.295203C | A | 0.1029 | 3964 |
| 9 chrC2.295697A | G | 0.03794 | 4006 |
| 9 chrC2.296009A | G | 0.4127 | 3916 |
| 9 chrC2.296849A | G | 0.373 | 4000 |
| 9 chrC2.297343A | G | 0.06943 | 4004 |
| 9 chrC2.298949A | C | 0.1341 | 3960 |
| 9 chrC2.299387A | C | 0.05664 | 4008 |
| 9 chrC2.299764G | A | 0.2751 | 4006 |
| 9 chrC2.300028A | G | 0.07312 | 3980 |
| 9 chrC2.300452A | G | 0.245 | 3914 |
| 9 chrC2.300836G | A | 0.4339 | 3994 |
| 9 chrC2.301490G | A | 0.2104 | 3982 |
| 9 chrC2.301752A | G | 0.04662 | 3818 |
| 9 chrC2.302223A | G | 0.0659 | 4006 |
| 9 chrC2.302676G | A | 0.1224 | 3972 |
| 9 chrC2.302992A | G | 0.06743 | 4004 |
| 9 chrC2.303598G | A | 0.1127 | 3826 |
| 9 chrC2.304116G | A | 0.1736 | 4004 |
| 9 chrC2.304529C | A | 0.1002 | 4000 |

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| 9 chrC2.305232A | G | 0.3081 | 3970 |
| 9 chrC2.305588A | G | 0.2898 | 3982 |
| 9 chrC2.305882G | A | 0.2973 | 4006 |
| 9 chrC2.306243A | G | 0.2063 | 3878 |
| 9 chrC2.307236G | A | 0.2897 | 3880 |
| 9 chrC2.307923G | A | 0.4469 | 3996 |
| 9 chrC2.308290G | A | 0.3497 | 3998 |
| 9 chrC2.308581A | C | 0.2457 | 3920 |
| 9 chrC2.309064G | A | 0.1723 | 4004 |
| 9 chrC2.309450A | G | 0.3089 | 3998 |
| 9 chrC2.309837A | C | 0.2495 | 3980 |
| 9 chrC2.310299G | A | 0.1224 | 3920 |
| 9 chrC2.310636A | G | 0.2327 | 3988 |
| 9 chrC2.310918G | A | 0.4585 | 3974 |
| 9 chrC2.311597A | G | 0.06394 | 4004 |
| 9 chrC2.312087G | A | 0.2486 | 3994 |
| 9 chrC2.312351G | A | 0.0402 | 3756 |
| 9 chrC2.312677G | A | 0.2689 | 4002 |
| 9 chrC2.313023A | G | 0.1113 | 4000 |
| 9 chrC2.313373A | G | 0.2738 | 3912 |
| 9 chrC2.313805A | G | 0.1133 | 3662 |
| 9 chrC2.314318A | G | 0.3262 | 4000 |
| 9 chrC2.314585G | A | 0.236 | 3978 |
| 9 chrC2.315009A | G | 0.2894 | 4002 |
| 9 chrUn.316079A | G | 0.3046 | 3996 |
| 9 chrC2.315526A | G | 0.02369 | 4010 |
| 9 chrC2.316020G | A | 0.3546 | 3996 |
| 9 chrC2.316070C | A | 0.1301 | 3988 |
| 9 chrC2.316461G | A | 0.468 | 4004 |
| 9 chrC2.316793C | A | 0.0514 | 3988 |
| 9 chrC2.317633A | G | 0.06694 | 3974 |
| 9 chrC2.317948A | G | 0.1577 | 4008 |
| 9 chrC2.318769A | G | 0.0994 | 4004 |
| 9 chrC2.319607G | A | 0.1298 | 3984 |
| 9 chrC2.319881G | A | 0.1725 | 3930 |
| 9 chrC2.320405G | A | 0.4923 | 4002 |
| 9 chrC2.320644G | A | 0.1807 | 4002 |
| 9 chrC2.322252C | A | 0.4464 | 3996 |
| 9 chrC2.322576G | A | 0.02857 | 3850 |
| 9 chrC2.322604G | A | 0.0383 | 3890 |
| 9 chrC2.323791G | A | 0.001747 | 4008 |

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| 9 chrC2.324338A | G | 0.1932 | 3996 |
| 9 chrC2.325238A | G | 0.1349 | 3966 |
| 9 chrC2.325482G | A | 0.01732 | 3984 |
| 9 chrC2.325824G | A | 0.4937 | 3984 |
| 9 chrC2.326251G | A | 0.2645 | 3910 |
| 9 chrC2.326804G | A | 0.03746 | 4004 |
| 9 chrC2.327938A | G | 0.03399 | 3736 |
| 9 chrC2.328366C | A | 0.01897 | 4006 |
| 9 chrC2.328810A | G | 0.4272 | 3982 |
| 9 chrC2.329101C | A | 0.2521 | 3982 |
| 9 chrC2.329392A | G | 0.1044 | 4002 |
| 9 chrC2.330264A | G | 0.05685 | 3958 |
| 9 chrC2.331142A | G | 0.4128 | 4002 |
| 9 chrC2.331449G | A | 0.1097 | 3966 |
| 9 chrC2.332286G | A | 0.2154 | 3988 |
| 9 chrC2.332564A | G | 0.1562 | 3982 |
| 9 chrC2.332838A | C | 0.2309 | 3998 |
| 9 chrC2.333204A | C | 0.4945 | 3986 |
| 9 chrC2.333376G | A | 0.1967 | 4006 |
| 9 chrC2.333641A | G | 0.01821 | 4008 |
| 9 chrC2.334724G | A | 0.1796 | 4004 |
| 9 chrC2.335188A | G | 0.1516 | 3884 |
| 9 chrC2.335470G | A | 0.2436 | 4006 |
| 9 chrC2.335789A | G | 0.4383 | 4004 |
| 9 chrUn.212824A | G | 0.3993 | 3884 |
| 9 chrC2.336314G | A | 0.3381 | 4002 |
| 9 chrC2.337462G | A | 0.3583 | 4002 |
| 9 chrC2.337793G | A | 0.0736 | 4008 |
| 9 chrC2.338555A | G | 0.2706 | 3998 |
| 9 chrC2.338940A | G | 0.2368 | 3936 |
| 9 chrC2.339532A | G | 0.1853 | 3972 |
| 9 chrC2.339796G | A | 0.4028 | 3980 |
| 9 chrC2.340300A | G | 0.1422 | 4008 |
| 9 chrC2.340554G | A | 0.07431 | 3714 |
| 9 chrC2.340983G | A | 0.1856 | 3986 |
| 9 chrC2.341449A | G | 0.1924 | 3996 |
| 9 chrC2.341636A | G | 0.01453 | 3716 |
| 9 chrC2.341753A | C | 0.007297 | 3974 |
| 9 chrC2.342417A | G | 0.334 | 3946 |
| 9 chrC2.342697A | C | 0.002244 | 4010 |
| 9 chrC2.342774A | C | 0.17 | 4006 |

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| 9 chrC2.343054G | A | 0.4762 | 3994 |
| 9 chrC2.343504G | A | 0.2594 | 3932 |
| 9 chrC2.344234G | A | 0.2296 | 4002 |
| 9 chrC2.345431G | A | 0.1278 | 4006 |
| 9 chrC2.345687G | A | 0.2892 | 3994 |
| 9 chrC2.346081A | G | 0.3176 | 3996 |
| 9 chrC2.346507A | C | 0.4935 | 3986 |
| 9 chrC2.347123A | G | 0.2715 | 4004 |
| 9 chrC2.347758A | G | 0.07652 | 3986 |
| 9 chrC2.348114A | C | 0.2617 | 4008 |
| 9 chrC2.348988G | A | 0.4196 | 3994 |
| 9 chrC2.349949G | A | 0.04618 | 3984 |
| 9 chrC2.350387G | A | 0.06775 | 4000 |
| 9 chrC2.350632G | A | 0.05123 | 3982 |
| 9 chrC2.352633A | G | 0.3376 | 3952 |
| 9 chrC2.353228A | G | 0.0728 | 3846 |
| 9 chrC2.353781A | C | 0.2592 | 3962 |
| 9 chrC2.354094G | A | 0.1454 | 4004 |
| 9 chrC2.354374A | G | 0.06421 | 3940 |
| 9 chrC2.355374G | A | 0.2718 | 4006 |
| 9 chrC2.355664G | A | 0.003255 | 3994 |
| 9 chrC2.356632G | A | 0.4148 | 3990 |
| 9 chrC2.356813A | G | 0.469 | 4006 |
| 9 chrC2.356856G | A | 0.03169 | 4008 |
| 9 chrC2.357240G | A | 0.3668 | 4002 |
| 9 chrC2.357652G | A | 0.1394 | 4002 |
| 9 chrC2.358130A | G | 0.2167 | 3992 |
| 9 chrC2.358461G | A | 0.3474 | 3828 |
| 9 chrC2.358522A | G | 0.3469 | 3978 |
| 9 chrC2.358767C | A | 0.09472 | 3980 |
| 9 chrC2.359047C | A | 0.2751 | 3952 |
| 9 chrC2.359291G | A | 0.035 | 4000 |
| 9 chrC2.359883A | G | 0.095 | 4000 |
| 9 chrC2.360181A | C | 0.07039 | 4006 |
| 9 chrC2.360541G | A | 0.2404 | 3990 |
| 9 chrC2.360835A | G | 0.0362 | 4006 |
| 9 chrC2.361693A | C | 0.147 | 3994 |
| 9 chrC2.362064A | G | 0.2533 | 3806 |
| 9 chrC2.362817A | G | 0.2043 | 3866 |
| 9 chrC2.363131G | A | 0.3338 | 3934 |
| 9 chrC2.363507G | A | 0.3804 | 3888 |

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| 9 chrC2.363745G | A | 0.2467 | 3968 |
| 9 chrC2.364032G | A | 0.4422 | 3998 |
| 9 chrC2.364728A | G | 0.1127 | 3850 |
| 9 chrC2.365019G | A | 0.4366 | 4006 |
| 9 chrC2.365354A | G | 0.1622 | 3994 |
| 9 chrC2.365631G | A | 0.2529 | 3906 |
| 9 chrC2.365891C | A | 0.4197 | 3896 |
| 9 chrC2.366318A | G | 0.1002 | 3964 |
| 9 chrUn.466780A | G | 0.4782 | 3908 |
| 9 chrC2.366783C | A | 0.06133 | 3962 |
| 9 chrC2.367118A | C | 0.1166 | 4004 |
| 9 chrC2.367581A | G | 0.2379 | 3994 |
| 9 chrUn.707437A | G | 0.1572 | 3982 |
| 9 chrUn.201697G | A | 0.2839 | 3998 |
| 9 chrC2.368251A | G | 0.2984 | 3998 |
| 9 chrC2.368725G | A | 0.125 | 3920 |
| 9 chrC2.369263G | A | 0.1455 | 3890 |
| 9 chrC2.369805A | C | 0.1511 | 3992 |
| 9 chrC2.370269A | G | 0.305 | 3990 |
| 9 chrC2.370753C | A | 0.001248 | 4008 |
| 9 chrC2.371063G | A | 0.1946 | 4004 |
| 9 chrC2.371420A | G | 0.2446 | 4002 |
| 9 chrC2.372111A | C | 0.1678 | 3986 |
| 9 chrC2.372496A | C | 0.1492 | 4000 |
| 9 chrD4.182113A | G | 0.06026 | 3966 |
| 9 chrC2.373543G | A | 0.2008 | 3994 |
| 9 chrC2.373964G | A | 0.3812 | 4008 |
| 9 chrC2.374658A | G | 0.4875 | 3844 |
| 9 chrUn.562347G | A | 0.1918 | 3998 |
| 9 chrC2.375016A | G | 0.1642 | 3970 |
| 9 chrC2.376006A | G | 0.02421 | 4006 |
| 9 chrC2.376366A | G | 0.2095 | 3972 |
| 9 chrC2.376693G | A | 0.4228 | 3910 |
| 9 chrC2.377024A | C | 0.3503 | 3980 |
| 9 chrC2.377267A | G | 0.4725 | 3636 |
| 9 chrC2.377732A | G | 0.3745 | 3904 |
| 9 chrC2.378017G | A | 0.2866 | 3974 |
| 9 chrC2.378571A | G | 0.132 | 3986 |
| 9 chrC2.378963G | A | 0.4389 | 4008 |
| 9 chrC2.379410G | A | 0.4887 | 3998 |
| 9 chrC2.380122A | G | 0.4688 | 3968 |

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| 9 chrC2.380608A | G | 0.06846 | 3754 |
| 9 chrC2.381224A | G | 0.07778 | 3870 |
| 9 chrC2.381580G | A | 0.09275 | 4000 |
| 9 chrC2.382140A | G | 0.4653 | 4004 |
| 9 chrC2.382406A | C | 0.1687 | 3948 |
| 9 chrC2.382895G | A | 0.4767 | 3944 |
| 9 chrC2.383145G | A | 0.06313 | 3976 |
| 9 chrC2.383720A | G | 0.0759 | 3992 |
| 9 chrC2.384525A | G | 0.1305 | 4008 |
| 9 chrC2.385102G | A | 0.1761 | 3970 |
| 9 chrC2.385486G | A | 0.235 | 4004 |
| 9 chrC2.385978C | A | 0.3635 | 3978 |
| 9 chrC2.386277C | A | 0.4191 | 3880 |
| 9 chrC2.386847G | A | 0.4249 | 3996 |
| 9 chrUn.520631A | C | 0.07194 | 3878 |
| 9 chrC2.387437G | A | 0.08238 | 4006 |
| 9 chrC2.387555G | A | 0.103 | 4000 |
| 9 chrC2.388260G | A | 0.4858 | 3936 |
| 9 chrUn.760518 | 0 C | 0 | 4004 |
| 9 chrC2.388920A | G | 0.1414 | 4004 |
| 9 chrC2.389234A | G | 0.1568 | 3998 |
| 9 chrC2.390020G | A | 0.05955 | 3896 |
| 9 chrC2.390134A | G | 0.4002 | 3948 |
| 9 chrC2.390907C | A | 0.07495 | 3976 |
| 9 chrC2.391181G | A | 0.3798 | 3984 |
| 9 chrC2.392075G | A | 0.4517 | 3998 |
| 9 chrC2.392536A | G | 0.1331 | 3990 |
| 9 chrC2.392800A | G | 0.3017 | 3872 |
| 9 chrC2.393266A | G | 0.1174 | 4004 |
| 9 chrC2.393675A | G | 0.3703 | 4000 |
| 9 chrC2.393961A | G | 0.1258 | 3998 |
| 9 chrC2.394707A | C | 0.2741 | 4006 |
| 9 chrC2.395316C | A | 0.2756 | 4002 |
| 9 chrC2.395760A | C | 0.4475 | 3692 |
| 9 chrC2.396175G | A | 0.02047 | 4006 |
| 9 chrC2.396576G | A | 0.3321 | 3972 |
| 9 chrC2.396956A | C | 0.2912 | 4004 |
| 9 chrC2.397340A | C | 0.2275 | 3828 |
| 9 chrC2.397578G | A | 0.1292 | 3986 |
| 9 chrC2.398023C | A | 0.145 | 3986 |
| 9 chrC2.398501A | C | 0.1833 | 3988 |

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| 9 chrC2.398936A | C | 0.331 | 3982 |
| 9 chrC2.399386C | A | 0.0007481 | 4010 |
| 9 chrC2.399950G | A | 0.01028 | 3988 |
| 9 chrC2.400240A | G | 0.3802 | 4008 |
| 9 chrC2.401013A | G | 0.448 | 3980 |
| 9 chrC2.401395C | A | 0.4861 | 3968 |
| 9 chrC2.401712C | A | 0.3676 | 3934 |
| 9 chrC2.403417G | A | 0.2269 | 3966 |
| 9 chrC2.403719A | C | 0.1023 | 3928 |
| 9 chrC2.404312G | A | 0.4397 | 4000 |
| 9 chrC2.404611A | G | 0.4411 | 4008 |
| 9 chrC2.404850A | G | 0.1393 | 3876 |
| 9 chrC2.405270A | G | 0.08591 | 4004 |
| 9 chrC2.405725G | A | 0.1764 | 4008 |
| 9 chrC2.406402G | A | 0.1765 | 3994 |
| 9 chrC2.406855A | G | 0.002501 | 3998 |
| 9 chrC2.408008G | A | 0.1246 | 3998 |
| 9 chrUn.804080G | A | 0.321 | 3978 |
| 9 chrC2.408261A | G | 0.1739 | 3996 |
| 9 chrC2.408803A | C | 0.2169 | 3978 |
| 9 chrC2.409584A | G | 0.4123 | 3992 |
| 9 chrC2.410266G | A | 0.3022 | 3968 |
| 9 chrC2.410850C | A | 0.08181 | 3826 |
| 9 chrC2.411535A | G | 0.483 | 3994 |
| 9 chrC2.412345G | A | 0.2635 | 3996 |
| 9 chrC2.413068 | 0 A | 0 | 3992 |
| 9 chrC2.413249G | A | 0.4535 | 3936 |
| 9 chrC2.413601G | A | 0.3614 | 3846 |
| 9 chrC2.413869G | A | 0.2714 | 4002 |
| 9 chrC2.414113A | G | 0.4703 | 4004 |
| 9 chrC2.414537C | A | 0.1588 | 3992 |
| 9 chrC2.415176G | A | 0.2511 | 4006 |
| 9 chrC2.415746G | A | 0.04275 | 4000 |
| 9 chrA1.193067A | G | 0.125 | 3992 |
| 9 chrC2.416377A | G | 0.445 | 3928 |
| 9 chrC2.416645A | C | 0.2999 | 3944 |
| 9 chrC2.417460G | A | 0.4406 | 4004 |
| 9 chrUn.368951G | A | 0.1407 | 3974 |
| 9 chrC2.417713G | A | 0.1958 | 4004 |
| 9 chrC2.418000G | A | 0.2094 | 3998 |
| 9 chrC2.418297G | A | 0.3407 | 3992 |

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| 9 chrC2.418601A | C | 0.341 | 3950 |
| 9 chrC2.418838A | G | 0.1666 | 3998 |
| 9 chrC2.418897A | G | 0.399 | 3960 |
| 9 chrC2.419188A | G | 0.4031 | 3994 |
| 9 chrC2.419474C | A | 0.1891 | 3998 |
| 9 chrC2.419756G | A | 0.2099 | 4002 |
| 9 chrC2.420117G | A | 0.2315 | 4004 |
| 9 chrC2.420898A | G | 0.2672 | 4004 |
| 9 chrC2.421737A | G | 0.4552 | 3996 |
| 9 chrC2.422130A | C | 0.07374 | 3960 |
| 9 chrC2.422385A | G | 0.2099 | 3954 |
| 9 chrC2.422623A | C | 0.001748 | 4004 |
| 9 chrC2.423301C | A | 0.499 | 4010 |
| 9 chrC2.423832G | A | 0.4673 | 3640 |
| 9 chrC2.424094A | G | 0.2618 | 3908 |
| 9 chrC2.424402A | G | 0.2274 | 4006 |
| 9 chrC2.425078A | G | 0.01051 | 3900 |
| 9 chrC2.425329A | G | 0.4809 | 3988 |
| 9 chrC2.426222C | A | 0.1765 | 3994 |
| 9 chrC2.426563G | A | 0.3041 | 3916 |
| 9 chrC2.426940G | A | 0.01948 | 4004 |
| 9 chrC2.427080G | A | 0.4292 | 3970 |
| 9 chrC2.428188A | C | 0.3819 | 3996 |
| 9 chrC2.428799G | A | 0.224 | 3982 |
| 9 chrC2.429120A | G | 0.05581 | 3996 |
| 9 chrC2.429387A | G | 0.1892 | 3964 |
| 9 chrC2.429795G | A | 0.2043 | 4004 |
| 9 chrC2.430051A | G | 0.1873 | 3934 |
| 9 chrC2.430410A | G | 0.2408 | 4000 |
| 9 chrC2.430660A | G | 0.1445 | 4000 |
| 9 chrC2.431041A | G | 0.2129 | 3932 |
| 9 chrC2.431475A | G | 0.1144 | 4004 |
| 9 chrC2.431767G | A | 0.004849 | 3918 |
| 9 chrC2.432188A | G | 0.002527 | 3958 |
| 9 chrC2.432682A | G | 0.2297 | 4006 |
| 9 chrC2.432932A | C | 0.229 | 4004 |
| 9 chrC2.433618A | G | 0.1468 | 3998 |
| 9 chrC2.434098G | A | 0.3065 | 3970 |
| 9 chrC2.434402A | C | 0.1124 | 4002 |
| 9 chrC2.434858G | A | 0.4988 | 4006 |
| 9 chrC2.435348A | G | 0.2221 | 4002 |

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| 9 chrC2.435595G | A | 0.4387 | 4000 |
| 9 chrC2.436048G | A | 0.4957 | 3970 |
| 9 chrC2.436715A | G | 0.1077 | 3918 |
| 9 chrX.7523348G | A | 0.1219 | 3978 |
| 9 chrC2.436924C | A | 0.1851 | 3944 |
| 9 chrC2.437053C | A | 0.3201 | 3996 |
| 9 chrC2.437320G | A | 0.2469 | 4002 |
| 9 chrC2.437879A | G | 0.2175 | 4000 |
| 9 chrC2.438296A | C | 0.3461 | 3872 |
| 9 chrUn.386270G | A | 0.2056 | 3994 |
| 9 chrC2.439328G | A | 0.2388 | 3986 |
| 9 chrC2.439641G | A | 0.2425 | 3992 |
| 9 chrF2.438128A | G | 0.175 | 4000 |
| 9 chrC2.440006G | A | 0.3219 | 3982 |
| 9 chrC2.440273A | G | 0.1691 | 4004 |
| 9 chrC2.440519A | G | 0.01875 | 4000 |
| 9 chrC2.440780A | G | 0.1543 | 3934 |
| 9 chrC2.441025A | G | 0.1613 | 4000 |
| 9 chrB1.181558G | A | 0.4326 | 4004 |
| 9 chrC2.441356G | A | 0.1948 | 3998 |
| 9 chrC2.441625A | G | 0.3322 | 3982 |
| 9 chrC2.442094A | G | 0.4316 | 4006 |
| 9 chrC2.442712G | A | 0.3202 | 3976 |
| 9 chrC2.442969G | A | 0.3913 | 4002 |
| 9 chrUn.499883A | C | 0.3911 | 4002 |
| 9 chrUn.582830A | C | 0.3983 | 3932 |
| 9 chrC2.443586G | A | 0.1968 | 4004 |
| 9 chrC2.444025A | G | 0.4065 | 3946 |
| 9 chrUn.147490A | C | 0.3046 | 3992 |
| 9 chrC2.444837C | A | 0.1446 | 3996 |
| 9 chrC2.445463G | A | 0.1853 | 4000 |
| 9 chrC2.445977C | A | 0.2746 | 3962 |
| 9 chrC2.446542G | A | 0.325 | 3966 |
| 9 chrC2.447247A | G | 0.1284 | 3994 |
| 9 chrC2.447816G | A | 0.4387 | 3996 |
| 9 chrC2.448187C | A | 0.1188 | 3770 |
| 9 chrC2.448557G | A | 0.05347 | 4002 |
| 9 chrC2.154836A | G | 0.1612 | 3982 |
| 9 chrC2.449140G | A | 0.2893 | 4000 |
| 9 chrC2.449606A | G | 0.3358 | 3994 |
| 9 chrC2.449700G | A | 0.08801 | 3886 |

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| 9 chrC2.450060A | C | 0.3411 | 4002 |
| 9 chrC2.450505G | A | 0.3029 | 3988 |
| 9 chrC2.451096G | A | 0.2621 | 3960 |
| 9 chrC2.451183 | 0 A | 0 | 4010 |
| 9 chrC2.451393A | G | 0.2003 | 3864 |
| 9 chrC2.451669G | A | 0.1611 | 3984 |
| 9 chrC2.452073G | A | 0.2927 | 4000 |
| 9 chrUn.62692A | G | 0.4882 | 4000 |
| 9 chrC2.452380C | A | 0.2517 | 3898 |
| 9 chrC2.452745G | A | 0.1685 | 4000 |
| 9 chrC2.453021A | G | 0.3673 | 4002 |
| 9 chrC2.453362A | C | 0.02928 | 3996 |
| 9 chrC2.453826A | G | 0.2101 | 3984 |
| 9 chrC2.454334A | G | 0.02378 | 3742 |
| 9 chrC2.456989A | G | 0.05764 | 3990 |
| 9 chrC2.457106A | C | 0.2844 | 3836 |
| 9 chrC2.455708G | A | 0.3414 | 3986 |
| 9 chrC2.455418G | A | 0.08834 | 3996 |
| 9 chrC2.455062G | A | 0.1691 | 4004 |
| 9 chrC2.454768G | A | 0.1363 | 3948 |
| 9 chrC2.457442A | G | 0.2212 | 3992 |
| 9 chrC2.457953A | G | 0.157 | 3942 |
| 9 chrC2.458496A | G | 0.2553 | 3968 |
| 9 chrC2.459010G | A | 0.09341 | 4004 |
| 9 chrC2.459461G | A | 0.2962 | 3984 |
| 9 chrC2.460001G | A | 0.2511 | 3986 |
| 9 chrC2.460480G | A | 0.1753 | 3998 |
| 9 chrC2.461017G | A | 0.3271 | 4002 |
| 9 chrC2.461697G | A | 0.2651 | 4006 |
| 9 chrC2.462257G | A | 0.2529 | 3776 |
| 9 chrC2.462524G | A | 0.1174 | 4002 |
| 9 chrC2.462896A | C | 0.4119 | 3986 |
| 9 chrC2.463626C | A | 0.1675 | 4006 |
| 9 chrC2.464024A | G | 0.4157 | 4008 |
| 9 chrC2.464389G | A | 0.4872 | 3816 |
| 9 chrC2.465224A | G | 0.1937 | 4006 |
| 9 chrC2.465512A | G | 0.1441 | 3734 |
| 9 chrC2.465847G | A | 0.1539 | 3944 |
| 9 chrC2.466479A | G | 0.1707 | 4006 |
| 9 chrC2.466849G | A | 0.2398 | 4000 |
| 9 chrC2.466988G | A | 0.2916 | 4006 |

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| 9 chrC2.467287G | A | 0.2221 | 3782 |
| 9 chrC2.467957G | A | 0.2037 | 3976 |
| 9 chrC2.468288G | A | 0.2162 | 3968 |
| 9 chrC2.468748G | A | 0.2269 | 3984 |
| 9 chrC2.469064A | G | 0.381 | 3992 |
| 9 chrC2.469380A | G | 0.08577 | 3766 |
| 9 chrC2.469654A | G | 0.3945 | 3934 |
| 9 chrC2.469666A | G | 0.4532 | 3996 |
| 9 chrC2.470132A | G | 0.1645 | 3884 |
| 9 chrC2.470589C | A | 0.2993 | 3842 |
| 9 chrC2.470892A | G | 0.2029 | 3962 |
| 9 chrC2.471322A | G | 0.2192 | 4006 |
| 9 chrC2.471494G | A | 0.339 | 4000 |
| 9 chrUn.324793G | A | 0.3215 | 3966 |
| 9 chrC2.471941G | A | 0.2561 | 4006 |
| 9 chrC2.472667G | A | 0.149 | 4006 |
| 9 chrC2.473695A | C | 0.1355 | 3874 |
| 9 chrC2.473966A | C | 0.2084 | 3950 |
| 9 chrC2.474661A | G | 0.2578 | 3786 |
| 9 chrC2.474948A | G | 0.496 | 3992 |
| 9 chrC2.475579A | C | 0.4755 | 3962 |
| 9 chrC2.475885G | A | 0.01678 | 3994 |
| 9 chrC2.476572G | A | 0.3871 | 3994 |
| 9 chrC2.477192A | G | 0.1375 | 4008 |
| 9 chrC2.477823G | A | 0.3844 | 3980 |
| 9 chrC2.478397G | A | 0.03646 | 4004 |
| 9 chrC2.478703C | A | 0.1229 | 3858 |
| 9 chrC2.479058A | G | 0.002496 | 4006 |
| 9 chrC2.479386G | A | 0.1106 | 3988 |
| 9 chrC2.479840A | G | 0.2901 | 3992 |
| 9 chrC2.480219G | A | 0.003266 | 3980 |
| 9 chrC2.480809A | G | 0.247 | 3996 |
| 9 chrC2.481264A | C | 0.1248 | 3934 |
| 9 chrC2.481511C | A | 0.3175 | 4000 |
| 9 chrC2.481774A | G | 0.2767 | 4004 |
| 9 chrUn31.1218G | A | 0.2755 | 3920 |
| 9 chrUn31.1168G | A | 0.2751 | 3988 |
| 9 chrUn31.1160A | C | 0.1456 | 3996 |
| 9 chrUn31.1119A | G | 0.496 | 4010 |
| 9 chrUn31.1090G | A | 0.05982 | 3644 |
| 9 chrUn31.1043G | A | 0.1268 | 3942 |

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| 9 chrUn31.101(A | G | 0.1135 | 4008 |
| 9 chrUn31.983(C | A | 0.3416 | 4008 |
| 9 chrUn31.965(A | C | 0.06471 | 3786 |
| 9 chrUn31.949(A | C | 0.1074 | 3984 |
| 9 chrUn31.922(A | C | 0.2085 | 3996 |
| 9 chrUn31.884(A | G | 0.07992 | 4004 |
| 9 chrUn31.830(G | A | 0.01474 | 4004 |
| 9 chrUn31.791(A | G | 0.2131 | 3820 |
| 9 chrUn31.767(G | A | 0.08151 | 3754 |
| 9 chrUn31.708(G | A | 0.09107 | 3986 |
| 9 chrUn31.607(G | A | 0.2042 | 3996 |
| 9 chrE3.555774A | G | 0.4861 | 3890 |
| 9 chrUn31.533(A | G | 0.1782 | 4000 |
| 9 chrUn31.507(G | A | 0.1319 | 4004 |
| 9 chrUn31.459(C | A | 0.4722 | 3990 |
| 9 chrUn31.424(A | G | 0.1877 | 3900 |
| 9 chrUn31.398(G | A | 0.2481 | 3998 |
| 9 chrUn31.389(A | C | 0.2588 | 3992 |
| 9 chrUn31.365(A | G | 0.2463 | 4004 |
| 9 chrUn31.330(G | A | 0.4472 | 4000 |
| 9 chrUn31.286(A | C | 0.03687 | 3960 |
| 9 chrUn31.252(A | G | 0.1631 | 3930 |
| 9 chrUn31.212(A | G | 0.402 | 3988 |
| 9 chrUn31.182(C | A | 0.07393 | 3990 |
| 9 chrUn31.146(A | C | 0.2279 | 4002 |
| 9 chrUn31.118(A | G | 0.3466 | 3984 |
| 9 chrUn31.840(A | G | 0.43 | 4000 |
| 9 chrUn31.346(A | G | 0.1239 | 3760 |
| 9 chrX.9354677C | A | 0.376 | 3822 |
| 9 chrX.9354932A | G | 0.04745 | 4004 |
| 9 chrUn33.760 G | A | 0.03042 | 3978 |
| 9 chrUn33.431(A | G | 0.4569 | 3992 |
| 9 chrUn33.246(G | A | 0.322 | 3984 |
| 9 chrUn.33872(A | G | 0.03869 | 4006 |
| 9 chrUn33.866(C | A | 0.4369 | 3994 |
| 9 chrUn33.137(G | A | 0.295 | 3996 |
| 9 chrUn33.169(A | G | 0.1669 | 3750 |
| 9 chrUn33.178(G | A | 0.3479 | 3978 |
| 9 chrUn33.214(C | A | 0.03937 | 3988 |
| 9 chrUn33.248(G | A | 0.05984 | 3994 |
| 9 chrUn33.285(A | G | 0.1312 | 4002 |

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| 9 chrUn.130801A | G | 0.1589 | 3750 |
| 9 chrUn33.3381A | G | 0.09952 | 3738 |
| 9 chrUn33.4171G | A | 0.08529 | 4010 |
| 9 chrUn33.5131A | G | 0.05739 | 3816 |
| 9 chrUn33.5591G | A | 0.08757 | 4008 |
| 9 chrUn33.5871A | G | 0.2251 | 3936 |
| 9 chrUn33.6191G | A | 0.3218 | 3816 |
| 9 chrUn33.6761A | C | 0.4898 | 3928 |
| 9 chrUn33.7051A | C | 0.1511 | 4004 |
| 9 chrUn33.7341G | A | 0.06578 | 3998 |
| 9 chrUn33.7911A | G | 0.1828 | 4004 |
| 9 chrUn33.8371G | A | 0.3159 | 3998 |
| 9 chrUn33.8861A | C | 0.3354 | 3998 |
| 9 chrUn33.9891G | A | 0.3514 | 3996 |
| 9 chrUn33.1041A | G | 0.2474 | 4006 |
| 9 chrUn33.1121A | C | 0.1304 | 4002 |
| 9 chrUn33.1141A | G | 0.1143 | 3954 |
| 9 chrUn33.1191A | G | 0.1155 | 3862 |
| 9 chrUn33.1221A | G | 0.4667 | 3936 |
| 9 chrUn33.1251G | A | 0.2717 | 4000 |
| 9 chrUn33.1301A | G | 0.182 | 3968 |
| 9 chrUn33.1401A | G | 0.08616 | 4004 |
| 9 chrC2.482241G | A | 0.1078 | 4008 |
| 9 chrC2.482581A | G | 0.2763 | 3988 |
| 9 chrC2.483031A | G | 0.4026 | 3932 |
| 9 chrC2.483331A | G | 0.1312 | 3962 |
| 9 chrC2.483591A | G | 0.433 | 3878 |
| 9 chrC2.484371C | A | 0.1703 | 3916 |
| 9 chrC2.484641A | C | 0.378 | 3992 |
| 9 chrC2.485161G | A | 0.4302 | 3968 |
| 9 chrC2.486051G | A | 0.2118 | 3984 |
| 9 chrC2.486311A | G | 0.2442 | 3996 |
| 9 chrC2.486781A | G | 0.3373 | 3994 |
| 9 chrC2.487301G | A | 0.4243 | 3990 |
| 9 chrC2.487611A | G | 0.1411 | 3890 |
| 9 chrC2.488061G | A | 0.009875 | 3848 |
| 9 chrC2.488421A | G | 0.0675 | 4000 |
| 9 chrC2.488921G | A | 0.2624 | 3994 |
| 9 chrC2.489741A | G | 0.4069 | 3986 |
| 9 chrC2.490211G | A | 0.1909 | 3996 |
| 9 chrC2.490741C | A | 0.01949 | 4002 |

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| 9 chrC2.491298A | G | 0.2196 | 3994 |
| 9 chrC2.491820A | G | 0.3091 | 3982 |
| 9 chrC2.492135A | C | 0.3576 | 3996 |
| 9 chrC2.492418G | A | 0.2221 | 3984 |
| 9 chrC2.492711A | C | 0.342 | 3956 |
| 9 chrC2.492959C | A | 0.4384 | 3976 |
| 9 chrC2.493068G | A | 0.0002495 | 4008 |
| 9 chrC2.493884G | A | 0.4285 | 3918 |
| 9 chrC2.493552G | A | 0.476 | 3996 |
| 9 chrUn.405038A | G | 0.4127 | 3962 |
| 9 chrC2.494757A | G | 0.1075 | 3982 |
| 9 chrC2.495073A | C | 0.08462 | 3900 |
| 9 chrC2.495619G | A | 0.4126 | 3854 |
| 9 chrC2.496172G | A | 0.3428 | 3996 |
| 9 chrC2.496900C | A | 0.1679 | 3948 |
| 9 chrC2.497342A | C | 0.1645 | 3976 |
| 9 chrC2.498017A | G | 0.276 | 4004 |
| 9 chrC2.498347A | C | 0.1054 | 3938 |
| 9 chrC2.499240C | A | 0.2781 | 4002 |
| 9 chrC2.499517G | A | 0.0943 | 3892 |
| 9 chrC2.499979G | A | 0.2604 | 3974 |
| 9 chrC2.500290C | A | 0.4502 | 3996 |
| 9 chrC2.500659G | A | 0.1895 | 3936 |
| 9 chrC2.501184A | G | 0.4234 | 3968 |
| 9 chrC2.501776G | A | 0.3729 | 3998 |
| 9 chrC2.502244G | A | 0.3141 | 4002 |
| 9 chrC2.650663A | G | 0.2321 | 3822 |
| 9 chrC2.503190A | G | 0.05228 | 3998 |
| 9 chrC2.503440A | G | 0.4148 | 4002 |
| 9 chrC2.504047A | G | 0.4305 | 3988 |
| 9 chrC2.504629G | A | 0.3282 | 3998 |
| 9 chrC2.505224G | A | 0.101 | 4010 |
| 9 chrC2.505507G | A | 0.1946 | 3992 |
| 9 chrC2.506499A | G | 0.05226 | 3980 |
| 9 chrC2.506872C | A | 0.08187 | 3994 |
| 9 chrC2.507198A | G | 0.118 | 4008 |
| 9 chrC2.507509A | G | 0.3162 | 3634 |
| 9 chrC2.507759G | A | 0.1225 | 3796 |
| 9 chrC2.508539A | G | 0.3202 | 3816 |
| 9 chrC2.509013G | A | 0.01998 | 3954 |
| 9 chrC2.509439C | A | 0.1724 | 4002 |

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| 9 chrUn.193431A | G | 0.3626 | 3936 |
| 9 chrC2.509739G | A | 0.189 | 3884 |
| 9 chrC2.510199G | A | 0.2805 | 3986 |
| 9 chrC2.510564G | A | 0.1932 | 3990 |
| 9 chrC2.510859A | G | 0.04831 | 3788 |
| 9 chrC2.511378A | G | 0.2732 | 3946 |
| 9 chrC2.511430A | G | 0.1997 | 4006 |
| 9 chrC2.512009G | A | 0.394 | 3990 |
| 9 chrC2.512456G | A | 0.4362 | 3984 |
| 9 chrC2.512800G | A | 0.1843 | 3940 |
| 9 chrC2.513640G | A | 0.4728 | 3934 |
| 9 chrC2.514269A | G | 0.4372 | 3994 |
| 9 chrC2.514762A | G | 0.3234 | 3940 |
| 9 chrC2.516129G | A | 0.4583 | 4008 |
| 9 chrC2.516559G | A | 0.202 | 4004 |
| 9 chrC2.517029G | A | 0.1985 | 4010 |
| 9 chrC2.517277A | G | 0.1095 | 4000 |
| 9 chrC2.517660A | G | 0.1672 | 4002 |
| 9 chrC2.518049A | G | 0.07863 | 4006 |
| 9 chrC2.518689G | A | 0.2064 | 3998 |
| 9 chrC2.519259G | A | 0.08556 | 3974 |
| 9 chrC2.520039G | A | 0.2263 | 3946 |
| 9 chrC2.520980A | G | 0.1 | 4010 |
| 9 chrC2.521322A | G | 0.1748 | 3936 |
| 9 chrC2.521669A | G | 0.5 | 4000 |
| 9 chrC2.522189A | G | 0.1229 | 4010 |
| 9 chrC2.522966A | C | 0.1901 | 3924 |
| 9 chrC2.523557A | G | 0.1789 | 3968 |
| 9 chrC2.523712C | A | 0.0302 | 3974 |
| 9 chrC2.523969G | A | 0.444 | 3982 |
| 9 chrC2.524312A | G | 0.02371 | 4006 |
| 9 chrC2.524880A | G | 0.2465 | 3992 |
| 9 chrC2.525454A | G | 0.47 | 3968 |
| 9 chrC2.526111G | A | 0.2033 | 3990 |
| 9 chrC2.526410A | G | 0.1922 | 3996 |
| 9 chrC2.526850C | A | 0.006082 | 3946 |
| 9 chrC2.527729G | A | 0.4732 | 3998 |
| 9 chrC2.528379G | A | 0.3597 | 3998 |
| 9 chrC2.529526G | A | 0.1936 | 3978 |
| 9 chrC2.529787G | A | 0.1789 | 3980 |
| 9 chrC2.530284G | A | 0.4317 | 3982 |

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| 9 chrC2.531172A | G | 0.494 | 4000 |
| 9 chrUn.366489A | C | 0.1854 | 3922 |
| 9 chrC2.531542A | C | 0.275 | 3854 |
| 9 chrC2.531941C | A | 0.4755 | 3994 |
| 9 chrC2.532213A | G | 0.2243 | 3942 |
| 9 chrC2.532599A | G | 0.4669 | 3988 |
| 9 chrC2.532716A | G | 0.04124 | 3952 |
| 9 chrC2.533210C | 0 C | 0 | 4010 |
| 9 chrUn30.8449 | 0 C | 0 | 3958 |
| 9 chrC2.533599A | G | 0.2878 | 3982 |
| 9 chrC2.534093A | G | 0.4446 | 3848 |
| 9 chrC2.534710G | A | 0.07634 | 3982 |
| 9 chrC2.535071A | G | 0.02471 | 4006 |
| 9 chrC2.535505G | A | 0.3228 | 3990 |
| 9 chrC2.535768A | G | 0.3508 | 3988 |
| 9 chrC2.536526A | G | 0.2073 | 3984 |
| 9 chrC2.536879A | G | 0.3014 | 3998 |
| 9 chrC2.537168A | G | 0.2061 | 3998 |
| 9 chrC2.537582G | A | 0.1178 | 3980 |
| 9 chrC2.538044A | C | 0.259 | 3988 |
| 9 chrC2.538641A | G | 0.3131 | 3992 |
| 9 chrC2.538936A | G | 0.1943 | 3974 |
| 9 chrC2.539239A | G | 0.1772 | 3996 |
| 9 chrC2.539621A | G | 0.4754 | 3950 |
| 9 chrC2.539870G | A | 0.1422 | 4000 |
| 9 chrC2.540080C | A | 0.1433 | 4006 |
| 9 chrC2.540669A | G | 0.005261 | 3992 |
| 9 chrC2.541138A | C | 0.1489 | 3930 |
| 9 chrC2.541464A | G | 0.3022 | 3988 |
| 9 chrUn.274231A | G | 0.4053 | 3960 |
| 9 chrC2.541983G | A | 0.09352 | 4010 |
| 9 chrC2.542461A | G | 0.2436 | 4006 |
| 9 chrC2.542818A | G | 0.007984 | 4008 |
| 9 chrC2.543064G | A | 0.219 | 4004 |
| 9 chrC2.543404A | G | 0.3113 | 3996 |
| 9 chrC2.544023A | G | 0.01073 | 4008 |
| 9 chrC2.544463A | G | 0.08483 | 4008 |
| 9 chrC2.544723G | A | 0.0695 | 4000 |
| 9 chrC2.545193A | G | 0.3219 | 4008 |
| 9 chrC2.545735A | G | 0.4091 | 3938 |
| 9 chrC2.545977G | A | 0.1604 | 3984 |

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|-----------------|---|---------|------|
| 9 chrC2.546235G | A | 0.1571 | 3992 |
| 9 chrC2.546586A | G | 0.4121 | 3994 |
| 9 chrC2.547776G | A | 0.4092 | 3998 |
| 9 chrC2.548401G | A | 0.01223 | 4008 |
| 9 chrC2.548654A | G | 0.06187 | 3976 |
| 9 chrC2.549085A | C | 0.2554 | 4006 |
| 9 chrC2.549891G | A | 0.47 | 3994 |
| 9 chrC2.550222A | G | 0.06757 | 3996 |
| 9 chrC2.550428A | G | 0.127 | 4000 |
| 9 chrC2.550618A | C | 0.1318 | 3998 |
| 9 chrC2.551203G | A | 0.1623 | 4000 |
| 9 chrC2.551513A | G | 0.04076 | 3974 |
| 9 chrC2.552302A | G | 0.3655 | 3962 |
| 9 chrC2.552736G | A | 0.325 | 3960 |
| 9 chrC2.553904G | A | 0.2258 | 4000 |
| 9 chrC2.554802A | C | 0.1159 | 3986 |
| 9 chrC2.555279C | A | 0.1932 | 4002 |
| 9 chrC2.555585C | A | 0.3748 | 4000 |
| 9 chrC2.556389A | G | 0.1755 | 3988 |
| 9 chrC2.556709A | G | 0.2516 | 3990 |
| 9 chrC2.556952C | A | 0.371 | 3984 |
| 9 chrC2.557403A | G | 0.1722 | 4006 |
| 9 chrC2.557781A | G | 0.2733 | 3966 |
| 9 chrC2.558339A | G | 0.2146 | 3966 |
| 9 chrC2.558760G | A | 0.4365 | 3604 |
| 9 chrC2.559020G | A | 0.1846 | 4004 |
| 9 chrC2.559524A | G | 0.1807 | 3996 |
| 9 chrC2.559762A | G | 0.1447 | 4008 |
| 9 chrC2.560114G | A | 0.2319 | 4006 |
| 9 chrC2.560559A | G | 0.121 | 3770 |
| 9 chrC2.560934A | G | 0.08816 | 4004 |
| 9 chrC2.561187G | A | 0.1196 | 3996 |
| 9 chrC2.561648G | A | 0.07656 | 4010 |
| 9 chrC2.561930A | G | 0.05065 | 4008 |
| 9 chrC2.562182A | C | 0.279 | 3964 |
| 9 chrC2.563065A | C | 0.1381 | 3960 |
| 9 chrC2.563394A | G | 0.1553 | 4004 |
| 9 chrC2.564022G | A | 0.1499 | 3976 |
| 9 chrC2.564171C | A | 0.3735 | 3730 |
| 9 chrC2.564301A | G | 0.1703 | 4000 |
| 9 chrC2.564978G | A | 0.1328 | 3992 |

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| 9 chrX.8111301A | G | 0.1263 | 3998 |
| 9 chrC2.565321A | G | 0.0971 | 4006 |
| 9 chrC2.566043A | G | 0.3732 | 3952 |
| 9 chrC2.566427A | G | 0.2633 | 3988 |
| 9 chrC2.566823A | G | 0.2933 | 4000 |
| 9 chrC2.567479A | G | 0.07751 | 3948 |
| 9 chrC2.567925G | A | 0.3468 | 3982 |
| 9 chrC2.568266A | G | 0.3222 | 3998 |
| 9 chrC2.568557A | G | 0.3065 | 3892 |
| 9 chrC2.568919G | A | 0.08741 | 4004 |
| 9 chrC2.569093A | C | 0.01049 | 4004 |
| 9 chrC2.569414A | G | 0.3313 | 3990 |
| 9 chrC2.569853A | C | 0.09125 | 4000 |
| 9 chrC2.570260G | A | 0.077 | 3948 |
| 9 chrB1.125475G | A | 0.3348 | 3960 |
| 9 chrC2.570624A | C | 0.1922 | 3996 |
| 9 chrC2.571097A | G | 0.3285 | 3982 |
| 9 chrC2.571558G | A | 0.3169 | 4004 |
| 9 chrC2.571879A | G | 0.05919 | 4004 |
| 9 chrUn33.1473C | A | 0.1537 | 3826 |
| 9 chrUn33.1503G | A | 0.2766 | 3966 |
| 9 chrUn33.1543A | G | 0.1224 | 3994 |
| 9 chrUn33.1593G | A | 0.4835 | 4004 |
| 9 chrUn33.1624G | A | 0.0416 | 3990 |
| 9 chrUn33.1663A | G | 0.1815 | 3990 |
| 9 chrUn33.1723A | G | 0.4228 | 4004 |
| 9 chrUn33.1753A | G | 0.05172 | 3964 |
| 9 chrUn33.1794A | G | 0.05838 | 4008 |
| 9 chrUn33.1823A | G | 0.06997 | 4002 |
| 9 chrUn33.1833G | A | 0.06883 | 4010 |
| 9 chrUn33.1883A | G | 0.4209 | 3982 |
| 9 chrUn33.1933G | A | 0.1633 | 4004 |
| 9 chrC2.596319G | A | 0.1086 | 3950 |
| 9 chrUn33.2043G | A | 0.3604 | 3996 |
| 9 chrUn33.2084G | A | 0.0649 | 4006 |
| 9 chrUn33.2153G | A | 0.1538 | 3888 |
| 9 chrUn33.2193G | A | 0.005245 | 4004 |
| 9 chrUn33.2213G | A | 0.3054 | 3982 |
| 9 chrUn33.2253G | A | 0.09965 | 4004 |
| 9 chrUn33.2283A | G | 0.1576 | 4010 |
| 9 chrUn33.2353A | G | 0.3549 | 3934 |

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| 9 chrUn33.238 | G | A | 0.4515 | 4000 |
| 9 chrUn33.242 | A | G | 0.405 | 3790 |
| 9 chrUn33.249 | A | G | 0.2603 | 3734 |
| 9 chrUn33.257 | A | C | 0.1874 | 3996 |
| 9 chrUn33.262 | A | A | 0.1673 | 3820 |
| 9 chrUn33.265 | A | G | 0.1496 | 3956 |
| 9 chrUn33.269 | A | A | 0.09835 | 4006 |
| 9 chrUn.43057 | A | G | 0.1591 | 3986 |
| 9 chrUn33.283 | A | G | 0.4403 | 4004 |
| 9 chrUn33.287 | C | A | 0.1772 | 4006 |
| 9 chrUn33.292 | C | A | 0.4328 | 3870 |
| 9 chrUn33.296 | A | G | 0.08225 | 4000 |
| 9 chrUn33.304 | A | A | 0.4722 | 3986 |
| 9 chrUn33.307 | C | A | 0.1009 | 3834 |
| 9 chrB3.14383 | C | A | 0.4327 | 3924 |
| 9 chrUn33.318 | A | A | 0.4369 | 3992 |
| 9 chrUn.22563 | A | G | 0.004927 | 3856 |
| 9 chrUn33.335 | A | A | 0.3186 | 3964 |
| 9 chrUn.65228 | A | A | 0.2725 | 3842 |
| 9 chrUn33.340 | A | G | 0.2932 | 3966 |
| 9 chrUn33.344 | A | A | 0.159 | 3994 |
| 9 chrUn33.347 | C | A | 0.2402 | 3996 |
| 9 chrUn33.347 | A | A | 0.2304 | 4006 |
| 9 chrUn33.352 | A | A | 0.1602 | 4002 |
| 9 chrUn33.356 | A | G | 0.3237 | 3998 |
| 9 chrUn33.359 | A | A | 0.1028 | 3744 |
| 9 chrUn33.363 | A | A | 0.1458 | 4006 |
| 9 chrUn33.373 | A | A | 0.1754 | 3922 |
| 9 chrUn33.380 | A | A | 0.3528 | 3826 |
| 9 chrUn33.384 | A | G | 0.4705 | 4004 |
| 9 chrUn33.389 | A | A | 0.467 | 4004 |
| 9 chrUn33.394 | A | C | 0.3072 | 3998 |
| 9 chrUn33.397 | A | G | 0.4223 | 4004 |
| 9 chrUn33.405 | A | G | 0.3535 | 3994 |
| 9 chrUn33.409 | A | A | 0.356 | 4006 |
| 9 chrUn33.413 | A | A | 0.3629 | 3996 |
| 9 chrUn33.418 | A | A | 0.04466 | 4008 |
| 9 chrUn33.420 | A | G | 0.4648 | 4006 |
| 9 chrUn33.425 | A | G | 0.4817 | 3936 |
| 9 chrC2.63218 | C | A | 0.4417 | 3964 |
| 9 chrC2.63273 | C | A | 0.4167 | 3984 |

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| 9 chrC2.633117G | A | 0.2663 | 3996 |
| 9 chrC2.633485A | G | 0.02258 | 3764 |
| 9 chrC2.634335G | A | 0.2799 | 3976 |
| 9 chrC2.634985G | A | 0.259 | 3962 |
| 9 chrC2.635365G | A | 0.3788 | 3770 |
| 9 chrC2.635800A | G | 0.291 | 4000 |
| 9 chrC2.636127A | G | 0.02228 | 3994 |
| 9 chrC2.636781A | C | 0.04192 | 4008 |
| 9 chrC2.637241A | G | 0.3645 | 3904 |
| 9 chrC2.638192C | A | 0.3964 | 3882 |
| 9 chrC2.639165C | A | 0.3719 | 3926 |
| 9 chrC2.639422A | C | 0.0493 | 3874 |
| 9 chrC2.639888A | G | 0.2394 | 3980 |
| 9 chrC2.640266A | G | 0.0509 | 3772 |
| 9 chrC2.640684A | G | 0.09611 | 4006 |
| 9 chrC2.640974A | G | 0.3137 | 4000 |
| 9 chrC2.641244A | C | 0.1195 | 3940 |
| 9 chrC2.641995A | G | 0.3961 | 4004 |
| 9 chrC2.642880A | C | 0.4399 | 3962 |
| 9 chrC2.643232G | A | 0.1616 | 3942 |
| 9 chrC2.644215C | A | 0.3141 | 3922 |
| 9 chrC2.644730A | C | 0.01401 | 3782 |
| 9 chrC2.645515A | G | 0.04699 | 3788 |
| 9 chrC2.645915A | G | 0.2624 | 3994 |
| 9 chrC2.647177G | A | 0.08987 | 3950 |
| 9 chrC2.647452A | C | 0.01978 | 3792 |
| 9 chrC2.647732A | G | 0.309 | 3922 |
| 9 chrC2.647935A | G | 0.2835 | 3982 |
| 9 chrC2.648025A | C | 0.2334 | 3976 |
| 9 chrUn.782070A | G | 0.4185 | 3890 |
| 9 chrC2.648316A | C | 0.3149 | 3986 |
| 9 chrC2.648808C | A | 0.2659 | 3904 |
| 9 chrC2.649205A | G | 0.02388 | 3810 |
| 9 chrC2.649628A | G | 0.482 | 3998 |
| 9 chrC2.649985A | G | 0.4168 | 4002 |
| 9 chrC2.650396A | G | 0.1755 | 4000 |
| 9 chrC2.650951A | G | 0.3304 | 3914 |
| 9 chrC2.651275A | C | 0.3009 | 3818 |
| 9 chrC2.651521G | A | 0.0004993 | 4006 |
| 9 chrC2.651532A | G | 0.3545 | 3980 |
| 9 chrC2.651855A | C | 0.3598 | 3980 |

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| 9 chrC2.652559G | A | 0.05349 | 3982 |
| 9 chrC2.653066G | A | 0.3549 | 3996 |
| 9 chrC2.653152A | G | 0.04298 | 4002 |
| 9 chrC2.653495G | A | 0.3591 | 3988 |
| 9 chrC2.653737G | A | 0.4317 | 3980 |
| 9 chrC2.654088A | G | 0.03017 | 4010 |
| 9 chrC2.654571A | G | 0.2692 | 3986 |
| 9 chrC2.655808G | A | 0.3761 | 3988 |
| 9 chrC2.656388G | A | 0.1604 | 3996 |
| 9 chrC2.656968A | G | 0.3992 | 3998 |
| 9 chrC2.657488G | A | 0.1442 | 4002 |
| 9 chrC2.658238G | A | 0.05264 | 4008 |
| 9 chrC2.658716A | G | 0.05075 | 4000 |
| 9 chrC2.659044A | G | 0.04716 | 4008 |
| 9 chrC2.659501G | A | 0.0446 | 3924 |
| 9 chrC2.660037C | A | 0.4583 | 3954 |
| 9 chrC2.660401A | G | 0.1058 | 4008 |
| 9 chrC2.660792A | G | 0.04869 | 3964 |
| 9 chrC2.661135G | A | 0.1105 | 3974 |
| 9 chrC2.661644A | G | 0.1134 | 3986 |
| 9 chrC2.661920G | A | 0.4682 | 3992 |
| 9 chrC2.662464G | A | 0.3056 | 3972 |
| 9 chrC2.662728C | A | 0.2619 | 3956 |
| 9 chrC2.663211G | A | 0.301 | 4000 |
| 9 chrC2.663679G | A | 0.3506 | 3950 |
| 9 chrC2.663924A | G | 0.3272 | 3992 |
| 9 chrC2.664170G | A | 0.3578 | 3972 |
| 9 chrC2.664613A | G | 0.4007 | 3958 |
| 9 chrC2.664856A | G | 0.4085 | 3998 |
| 9 chrC2.664961A | G | 0.0185 | 4000 |
| 9 chrC2.665105C | A | 0.02099 | 4002 |
| 9 chrC2.665528C | A | 0.2164 | 4002 |
| 9 chrC2.665874C | A | 0.3236 | 3962 |
| 9 chrC2.666378A | G | 0.04848 | 4002 |
| 9 chrC2.666659A | G | 0.2628 | 3996 |
| 9 chrC2.667169A | G | 0.2662 | 3982 |
| 9 chrC2.667839G | A | 0.3894 | 3998 |
| 9 chrC2.668414A | G | 0.4965 | 4010 |
| 9 chrC2.668869C | A | 0.1839 | 3976 |
| 9 chrC2.669616G | A | 0.07064 | 4006 |
| 9 chrC2.669864A | G | 0.149 | 3966 |

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| 9 chrC2.670526A | C | 0.252 | 3988 |
| 9 chrC2.670975A | G | 0.2339 | 3882 |
| 9 chrC2.671445G | A | 0.3055 | 4000 |
| 9 chrC2.671842A | G | 0.4679 | 3990 |
| 9 chrC2.672121A | G | 0.0601 | 4010 |
| 9 chrC2.672656A | G | 0.1868 | 3998 |
| 9 chrC2.673227 | 0 C | 0 | 4010 |
| 9 chrC2.673351A | G | 0.2865 | 4000 |
| 9 chrUn.15255(A | G | 0.3826 | 3996 |
| 9 chrC2.673985C | A | 0.09236 | 4006 |
| 9 chrC2.674637A | G | 0.127 | 3920 |
| 9 chrC2.675325G | A | 0.1019 | 3996 |
| 9 chrC2.675595G | A | 0.4852 | 4000 |
| 9 chrC2.676486A | G | 0.258 | 3988 |
| 9 chrC2.676906A | G | 0.11 | 4000 |
| 9 chrC2.677136G | A | 0.3419 | 3990 |
| 9 chrC2.677582A | G | 0.2188 | 4000 |
| 9 chrC2.677847A | C | 0.4515 | 3960 |
| 9 chrC2.678147G | A | 0.1777 | 3922 |
| 9 chrC2.678543G | A | 0.1492 | 3980 |
| 9 chrC2.679193G | A | 0.4787 | 3938 |
| 9 chrC2.680106G | A | 0.05816 | 4006 |
| 9 chrC2.680435G | A | 0.191 | 3984 |
| 9 chrC2.680767G | A | 0.223 | 3986 |
| 9 chrC2.681309A | G | 0.1121 | 3952 |
| 9 chrC2.681666A | G | 0.3874 | 3764 |
| 9 chrC2.681958A | G | 0.2238 | 4008 |
| 9 chrC2.682441A | G | 0.3956 | 3744 |
| 9 chrC2.682499C | A | 0.4977 | 3926 |
| 9 chrC2.682825A | C | 0.09788 | 3954 |
| 9 chrC2.683112C | A | 0.4533 | 3960 |
| 9 chrC2.683463G | A | 0.3353 | 3988 |
| 9 chrC2.684211G | A | 0.1736 | 3992 |
| 9 chrC2.684546C | A | 0.2652 | 3982 |
| 9 chrC2.685097G | A | 0.2718 | 3988 |
| 9 chrC2.685349A | G | 0.2713 | 3962 |
| 9 chrC2.685642C | A | 0.3336 | 3912 |
| 9 chrC2.685938A | C | 0.1398 | 3978 |
| 9 chrC2.686421A | C | 0.1562 | 4002 |
| 9 chrC2.686956A | G | 0.1743 | 4004 |
| 9 chrC2.686996G | A | 0.03593 | 4008 |

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| 9 chrC2.68708C | 0 A | 0 | 4010 |
| 9 chrC2.687761G | A | 0.3208 | 3956 |
| 9 chrC2.688125A | C | 0.03769 | 4006 |
| 9 chrC2.688457G | A | 0.4173 | 4004 |
| 9 chrC2.688745A | C | 0.1986 | 3962 |
| 9 chrC2.689845G | A | 0.2749 | 3962 |
| 9 chrA2.725384A | G | 0.04466 | 4008 |
| 9 chrC2.690474A | G | 0.3635 | 4000 |
| 9 chrC2.690915A | G | 0.3275 | 3976 |
| 9 chrC2.691302A | G | 0.2714 | 3998 |
| 9 chrC2.692042A | C | 0.0274 | 3942 |
| 9 chrC2.692371A | G | 0.2596 | 3968 |
| 9 chrC2.692972A | G | 0.3462 | 3978 |
| 9 chrC2.693285A | G | 0.1849 | 3996 |
| 9 chrC2.693536C | A | 0.2793 | 3974 |
| 9 chrC2.694314G | A | 0.1047 | 4002 |
| 9 chrC2.694663A | C | 0.0258 | 3992 |
| 9 chrC2.695143A | G | 0.2166 | 4002 |
| 9 chrC2.695741A | C | 0.1854 | 3992 |
| 9 chrD4.591549A | G | 0.4499 | 3976 |
| 9 chrC2.696166A | G | 0.3493 | 3976 |
| 9 chrC2.696908A | G | 0.2584 | 4006 |
| 9 chrC2.697571C | A | 0.3337 | 4006 |
| 9 chrC2.69786C | A | 0.3954 | 3988 |
| 9 chrC2.698814G | A | 0.002246 | 4008 |
| 9 chrC2.699059A | G | 0.3586 | 3990 |
| 9 chrC2.69933C | A | 0.4885 | 3992 |
| 9 chrC2.699689G | A | 0.1362 | 4010 |
| 9 chrC2.700247C | A | 0.1309 | 4002 |
| 9 chrC2.700558C | A | 0.4493 | 3804 |
| 9 chrC2.700834A | G | 0.3797 | 3916 |
| 9 chrC2.701841G | A | 0.4071 | 3974 |
| 9 chrC2.70241C | G | 0.238 | 4004 |
| 9 chrC2.702833A | G | 0.1133 | 4006 |
| 9 chrC2.703207A | C | 0.3435 | 3994 |
| 9 chrC2.70342C | G | 0.005495 | 4004 |
| 9 chrC2.703484G | A | 0.2453 | 4004 |
| 9 chrC2.703797A | G | 0.04593 | 3810 |
| 9 chrC2.704068G | A | 0.4216 | 4004 |
| 9 chrC2.704403G | A | 0.412 | 3988 |
| 9 chrC2.70475C | A | 0.04 | 3850 |

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| 9 chrC2.705759A | G | 0.2993 | 3892 |
| 9 chrC2.706308A | C | 0.1372 | 3798 |
| 9 chrC2.707045A | C | 0.1582 | 3950 |
| 9 chrC2.707389G | A | 0.175 | 3988 |
| 9 chrC2.707827G | A | 0.1223 | 4008 |
| 9 chrC2.708174A | G | 0.1982 | 3990 |
| 9 chrC2.708873G | A | 0.2901 | 3992 |
| 9 chrC2.709137A | G | 0.06144 | 4004 |
| 9 chrC2.709426G | A | 0.05722 | 4002 |
| 9 chrC2.709789A | C | 0.1597 | 3976 |
| 9 chrC2.710953A | G | 0.3338 | 3964 |
| 9 chrC2.711356A | G | 0.07624 | 3856 |
| 9 chrC2.712120A | G | 0.4737 | 3996 |
| 9 chrC2.712435G | A | 0.429 | 3986 |
| 9 chrC2.712967G | A | 0.469 | 3996 |
| 9 chrUn.31532A | G | 0.1305 | 4000 |
| 9 chrC2.713537A | C | 0.1234 | 4002 |
| 9 chrC2.714435G | A | 0.09681 | 4008 |
| 9 chrC2.715136A | G | 0.0358 | 3994 |
| 9 chrC2.715565G | A | 0.04845 | 4004 |
| 9 chrC2.715885A | G | 0.3538 | 4000 |
| 9 chrC2.716406A | G | 0.1539 | 3912 |
| 9 chrC2.717055A | G | 0.2613 | 3992 |
| 9 chrC2.717451A | G | 0.2609 | 4002 |
| 9 chrC2.717649G | A | 0.1736 | 3998 |
| 9 chrC2.718018A | G | 0.1262 | 3892 |
| 9 chrC2.718682G | A | 0.4497 | 3980 |
| 9 chrC2.718929A | G | 0.4295 | 3998 |
| 9 chrC2.719356G | A | 0.006487 | 4008 |
| 9 chrC2.720424G | A | 0.272 | 4008 |
| 9 chrC2.720988G | A | 0.4747 | 3998 |
| 9 chrC2.721418G | A | 0.4292 | 3602 |
| 9 chrC2.721663G | A | 0.1348 | 3716 |
| 9 chrC2.722400G | A | 0.4769 | 3896 |
| 9 chrC2.723136A | G | 0.0986 | 3864 |
| 9 chrC2.723682G | A | 0.1599 | 3978 |
| 9 chrC2.724131C | A | 0.3821 | 3962 |
| 9 chrC2.724512A | G | 0.2521 | 3998 |
| 9 chrC2.724849G | A | 0.4541 | 3984 |
| 9 chrC2.725216G | A | 0.1164 | 3970 |
| 9 chrC2.725696A | G | 0.2356 | 4002 |

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| 9 chrC2.726213G | A | 0.1801 | 3992 |
| 9 chrC2.726659G | A | 0.1199 | 4002 |
| 9 chrC2.726942G | A | 0.4692 | 3994 |
| 9 chrC2.727381A | G | 0.1529 | 3970 |
| 9 chrC2.727711A | G | 0.2552 | 3590 |
| 9 chrC2.728108G | A | 0.2397 | 3996 |
| 9 chrC2.728973A | G | 0.09311 | 4006 |
| 9 chrC2.729372A | G | 0.2477 | 4000 |
| 9 chrC2.729647A | G | 0.03937 | 3886 |
| 9 chrC2.729885A | G | 0.03641 | 4010 |
| 9 chrC2.730292A | G | 0.2125 | 3962 |
| 9 chrB4.102236G | A | 0.1286 | 4004 |
| 9 chrC2.731445A | G | 0.04695 | 4004 |
| 9 chrC2.731715A | G | 0.2532 | 3958 |
| 9 chrC2.732003A | G | 0.3871 | 4004 |
| 9 chrC2.732766C | A | 0.2415 | 4004 |
| 9 chrC2.733207G | A | 0.3204 | 4004 |
| 9 chrC2.733614G | A | 0.04156 | 3826 |
| 9 chrC2.733917C | A | 0.2336 | 3982 |
| 9 chrC2.734333A | G | 0.1209 | 3822 |
| 9 chrC2.734597G | A | 0.0871 | 3984 |
| 9 chrC2.734894C | A | 0.04982 | 3994 |
| 9 chrC2.735281A | G | 0.3581 | 3976 |
| 9 chrC2.735535A | C | 0.413 | 3990 |
| 9 chrC2.736127G | A | 0.02757 | 3918 |
| 9 chrC2.736636A | C | 0.05825 | 4000 |
| 9 chrC2.736976A | G | 0.03098 | 4002 |
| 9 chrC2.737217C | A | 0.1781 | 3930 |
| 9 chrC2.737733G | A | 0.1386 | 4004 |
| 9 chrE3.179977G | A | 0.102 | 3696 |
| 9 chrC2.738071C | A | 0.2944 | 3984 |
| 9 chrC2.738436A | G | 0.423 | 4000 |
| 9 chrC2.738973A | G | 0.2553 | 3996 |
| 9 chrC2.739242A | G | 0.03211 | 3768 |
| 9 chrC2.739592A | C | 0.4217 | 3986 |
| 9 chrC2.739944A | G | 0.0215 | 4000 |
| 9 chrC2.740210G | A | 0.1735 | 3994 |
| 9 chrC2.740560G | A | 0.1455 | 4006 |
| 9 chrC2.740880G | A | 0.395 | 3990 |
| 9 chrC2.741288A | G | 0.1572 | 4002 |
| 9 chrC2.741655G | A | 0.3398 | 3982 |

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| 9 chrC2.741902A | G | 0.306 | 4000 |
| 9 chrC2.742434G | A | 0.4473 | 4004 |
| 9 chrC2.742713C | A | 0.2831 | 3984 |
| 9 chrC2.743247A | G | 0.1086 | 3710 |
| 9 chrC2.743512A | C | 0.305 | 3980 |
| 9 chrC2.743803 | 0 A | 0 | 4008 |
| 9 chrC2.744324A | G | 0.1724 | 3996 |
| 9 chrC2.744565A | G | 0.1109 | 3968 |
| 9 chrC2.745412A | G | 0.2581 | 4002 |
| 9 chrC2.745453G | A | 0.4293 | 4002 |
| 9 chrC2.745783A | G | 0.05436 | 4010 |
| 9 chrC2.746164G | A | 0.4107 | 3988 |
| 9 chrC2.746404A | G | 0.3005 | 3994 |
| 9 chrC2.747125G | A | 0.4103 | 3992 |
| 9 chrC2.747458C | A | 0.3735 | 4000 |
| 9 chrC2.747875G | A | 0.292 | 4000 |
| 9 chrC2.748314G | A | 0.4783 | 4000 |
| 9 chrC2.748844 | 0 C | 0 | 4010 |
| 9 chrC2.749161A | G | 0.1021 | 3996 |
| 9 chrC2.749659C | A | 0.4096 | 3992 |
| 9 chrUn.23448:A | G | 0.371 | 3986 |
| 9 chrC2.750542G | A | 0.2481 | 3998 |
| 9 chrC2.750858A | G | 0.4802 | 3990 |
| 9 chrC2.751371A | C | 0.198 | 3980 |
| 9 chrC2.751651A | C | 0.04885 | 3992 |
| 9 chrC2.752109A | G | 0.3834 | 3996 |
| 9 chrC2.752419A | G | 0.1549 | 3944 |
| 9 chrC2.753039G | A | 0.3371 | 3984 |
| 9 chrC2.753459A | G | 0.3273 | 3948 |
| 9 chrC2.754581G | A | 0.2105 | 3962 |
| 9 chrC2.755116A | G | 0.3487 | 4006 |
| 9 chrC2.755925G | A | 0.493 | 3990 |
| 9 chrC2.756390A | G | 0.3418 | 3844 |
| 9 chrC2.756632G | A | 0.2845 | 4004 |
| 9 chrC2.756928A | C | 0.2829 | 3920 |
| 9 chrC2.757197G | A | 0.0131 | 3968 |
| 9 chrC2.757959A | G | 0.2056 | 3920 |
| 9 chrC2.758943A | G | 0.1951 | 3988 |
| 9 chrC2.759414A | C | 0.1631 | 3684 |
| 9 chrC2.760071C | A | 0.1471 | 3984 |
| 9 chrC2.760483A | C | 0.1466 | 4004 |

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| 9 chrC2.760702A | G | 0.03441 | 3836 |
| 9 chrC2.760783A | G | 0.001746 | 4010 |
| 9 chrC2.761585A | G | 0.1303 | 3938 |
| 9 chrC2.762200C | A | 0.002 | 4000 |
| 9 chrC2.762441A | G | 0.4262 | 3998 |
| 9 chrC2.762705G | A | 0.1359 | 4002 |
| 9 chrC2.763409A | G | 0.01996 | 4008 |
| 9 chrC2.763764G | A | 0.04825 | 4000 |
| 9 chrC2.764153A | G | 0.0971 | 4006 |
| 9 chrC2.764399A | C | 0.454 | 4000 |
| 9 chrUn.681501A | C | 0.1502 | 3962 |
| 9 chrC2.764790G | A | 0.0895 | 4000 |
| 9 chrC2.765103G | A | 0.1256 | 4004 |
| 9 chrC2.765392A | G | 0.1426 | 3942 |
| 9 chrC2.765942A | G | 0.1136 | 3996 |
| 9 chrC2.767540G | A | 0.1013 | 4006 |
| 9 chrC2.767923A | G | 0.3952 | 3856 |
| 9 chrC2.768314A | G | 0.1601 | 3998 |
| 9 chrC2.769703C | A | 0.1267 | 4002 |
| 9 chrC2.770317G | A | 0.2465 | 3996 |
| 9 chrC2.770744A | G | 0.4061 | 4004 |
| 9 chrC2.771117A | G | 0.3329 | 3998 |
| 9 chrC2.771573G | A | 0.237 | 3974 |
| 9 chrC2.772433A | G | 0.09029 | 3976 |
| 9 chrC2.772830A | G | 0.4755 | 3880 |
| 9 chrC2.773311C | A | 0.146 | 4006 |
| 9 chrC2.773991G | A | 0.02021 | 3908 |
| 9 chrC2.774718A | G | 0.2894 | 3998 |
| 9 chrC2.774768G | A | 0.1321 | 4006 |
| 9 chrC2.775121A | G | 0.4831 | 3966 |
| 9 chrC2.775149A | G | 0.3953 | 3994 |
| 9 chrC2.775600G | A | 0.02195 | 4010 |
| 9 chrC2.775979A | G | 0.298 | 3986 |
| 9 chrC2.776342A | C | 0.1376 | 3866 |
| 9 chrC2.776624A | G | 0.3 | 4006 |
| 9 chrC2.776865A | C | 0.2192 | 3996 |
| 9 chrC2.777288G | A | 0.1331 | 3998 |
| 9 chrC2.777660A | G | 0.07389 | 4006 |
| 9 chrC2.778231A | C | 0.3835 | 3992 |
| 9 chrC2.780554G | A | 0.4838 | 4004 |
| 9 chrC2.781926G | A | 0.3347 | 3920 |

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| 9 chrC2.782682C | A | 0.3342 | 3956 |
| 9 chrC2.783327A | G | 0.3214 | 3998 |
| 9 chrC2.784296G | A | 0.09103 | 3900 |
| 9 chrC2.784720A | G | 0.2114 | 4006 |
| 9 chrC2.785015A | G | 0.06021 | 3986 |
| 9 chrC2.785382A | G | 0.2305 | 3992 |
| 9 chrC2.786004A | G | 0.1119 | 3984 |
| 9 chrC2.786530A | G | 0.4549 | 3994 |
| 9 chrC2.787018A | G | 0.1662 | 4008 |
| 9 chrC2.787488C | A | 0.3614 | 3998 |
| 9 chrC2.787739A | G | 0.4145 | 4002 |
| 9 chrC2.788271A | C | 0.3603 | 4002 |
| 9 chrC2.789372A | G | 0.09211 | 4006 |
| 9 chrC2.789877A | G | 0.391 | 3974 |
| 9 chrC2.790158G | A | 0.2445 | 3984 |
| 9 chrC2.790687A | G | 0.1896 | 3998 |
| 9 chrC2.791042A | C | 0.3523 | 3982 |
| 9 chrC2.791346G | A | 0.3004 | 4008 |
| 9 chrC2.791739G | A | 0.3306 | 3950 |
| 9 chrC2.792004G | A | 0.3405 | 3912 |
| 9 chrC2.792649C | A | 0.2701 | 3998 |
| 9 chrC2.792904A | C | 0.2769 | 3890 |
| 9 chrC2.793287G | A | 0.2716 | 3998 |
| 9 chrC1.197889G | A | 0.1884 | 3980 |
| 9 chrC2.793586G | A | 0.2852 | 3906 |
| 9 chrC2.793827A | G | 0.2771 | 3992 |
| 9 chrC2.794838A | G | 0.2768 | 3996 |
| 9 chrC2.795609G | A | 0.1627 | 3994 |
| 9 chrC2.796247G | A | 0.2433 | 3864 |
| 9 chrC2.796639C | A | 0.03769 | 4006 |
| 9 chrC2.797016A | G | 0.02946 | 4006 |
| 9 chrC2.797910A | G | 0.2283 | 3762 |
| 9 chrC2.798747C | A | 0.06808 | 4010 |
| 9 chrC2.799494A | G | 0.2662 | 4008 |
| 9 chrC2.799945A | G | 0.3177 | 3978 |
| 9 chrC2.801147A | G | 0.009377 | 3946 |
| 9 chrC2.801530G | A | 0.1682 | 3954 |
| 9 chrC2.801787A | C | 0.07338 | 3734 |
| 9 chrC2.802147C | A | 0.1831 | 3998 |
| 9 chrC2.802599G | A | 0.0005008 | 3994 |
| 9 chrC2.803018A | G | 0.2539 | 3876 |

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| 9 chrC2.803286A | C | 0.2323 | 3994 |
| 9 chrC2.803607G | A | 0.3497 | 3958 |
| 9 chrC2.804122C | A | 0.06663 | 3962 |
| 9 chrC2.804535A | G | 0.2718 | 3992 |
| 9 chrC2.804976A | G | 0.4997 | 3874 |
| 9 chrC2.805505A | C | 0.06889 | 3992 |
| 9 chrC2.805553A | G | 0.3314 | 3908 |
| 9 chrC2.805879A | C | 0.3444 | 3920 |
| 9 chrC2.806451A | G | 0.4658 | 4004 |
| 9 chrC2.806745A | G | 0.07332 | 3846 |
| 9 chrC2.807070G | A | 0.2633 | 3946 |
| 9 chrUn.356141A | G | 0.3017 | 3974 |
| 9 chrC2.807738A | G | 0.08883 | 3974 |
| 9 chrC2.808040G | A | 0.3918 | 3992 |
| 9 chrC2.808665G | A | 0.2475 | 4004 |
| 9 chrC2.808912A | G | 0.1835 | 3968 |
| 9 chrC2.809166A | G | 0.4572 | 3760 |
| 9 chrC2.809789A | C | 0.4905 | 3996 |
| 9 chrC2.810038G | A | 0.04566 | 4008 |
| 9 chrC2.810433G | A | 0.447 | 3980 |
| 9 chrC2.810768G | A | 0.3137 | 3998 |
| 9 chrC2.811022A | G | 0.07211 | 3994 |
| 9 chrC2.811433A | C | 0.4229 | 4008 |
| 9 chrC2.811916C | A | 0.2927 | 3936 |
| 9 chrC2.812400C | A | 0.08238 | 4006 |
| 9 chrC2.812737A | G | 0.3982 | 4000 |
| 9 chrC2.813105G | A | 0.1926 | 4004 |
| 9 chrC2.814137G | A | 0.4563 | 3936 |
| 9 chrC2.814718A | G | 0.2311 | 3960 |
| 9 chrC2.815026G | A | 0.2432 | 4000 |
| 9 chrC2.815338C | A | 0.1736 | 4004 |
| 9 chrC2.815629A | C | 0.02442 | 3972 |
| 9 chrC2.816333A | G | 0.2574 | 4002 |
| 9 chrC2.816726A | G | 0.2786 | 4006 |
| 9 chrC2.817035A | G | 0.3877 | 3990 |
| 9 chrC2.817356A | G | 0.2559 | 3990 |
| 9 chrC2.817863G | A | 0.1801 | 3954 |
| 9 chrC2.817899G | A | 0.01122 | 4010 |
| 9 chrC2.818196G | A | 0.3937 | 3988 |
| 9 chrC2.818635G | A | 0.3059 | 3982 |
| 9 chrC2.818954G | A | 0.1557 | 3950 |

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| 9 chrC2.819223G | A | 0.05763 | 4008 |
| 9 chrC2.819469C | A | 0.1673 | 3988 |
| 9 chrC2.820355A | C | 0.3902 | 3970 |
| 9 chrC2.821387G | A | 0.4264 | 4006 |
| 9 chrC2.821702A | C | 0.4667 | 3872 |
| 9 chrC2.823079A | G | 0.1457 | 3856 |
| 9 chrC2.826616A | G | 0.0865 | 4000 |
| 9 chrC2.827928G | A | 0.1723 | 3998 |
| 9 chrC2.828983G | A | 0.1984 | 3996 |
| 9 chrC2.829729A | G | 0.07585 | 4008 |
| 9 chrC2.830282A | G | 0.02112 | 3788 |
| 9 chrC2.830777A | G | 0.423 | 3988 |
| 9 chrC2.831089A | G | 0.000768 | 3906 |
| 9 chrC2.831846C | A | 0.2862 | 3980 |
| 9 chrC2.832458A | G | 0.3456 | 4002 |
| 9 chrC2.833096A | G | 0.1962 | 4002 |
| 9 chrC2.833475G | A | 0.2552 | 3978 |
| 9 chrC2.833882G | A | 0.1324 | 3988 |
| 9 chrUn.337307A | G | 0.4845 | 3992 |
| 9 chrC2.834774A | G | 0.2792 | 3994 |
| 9 chrC2.835818A | G | 0.2365 | 3996 |
| 9 chrC2.836615A | G | 0.1172 | 3796 |
| 9 chrC2.836886A | G | 0.03267 | 4010 |
| 9 chrC2.837152G | A | 0.1327 | 3746 |
| 9 chrC2.837479C | A | 0.2291 | 3916 |
| 9 chrC2.837746G | A | 0.2359 | 3994 |
| 9 chrC2.838272G | A | 0.4514 | 3706 |
| 9 chrC2.838733C | A | 0.1235 | 4008 |
| 9 chrC2.839043C | A | 0.1763 | 3936 |
| 9 chrC2.839794C | A | 0.1276 | 4006 |
| 9 chrC2.840315A | C | 0.2651 | 4002 |
| 9 chrC2.840866C | A | 0.2606 | 3998 |
| 9 chrC2.841539G | A | 0.1131 | 3880 |
| 9 chrC2.841840G | A | 0.4305 | 3974 |
| 9 chrC2.842602G | A | 0.4098 | 3960 |
| 9 chrC2.843212G | A | 0.03965 | 3960 |
| 9 chrC2.843856A | C | 0.01188 | 3872 |
| 9 chrC2.844418C | A | 0.1502 | 3954 |
| 9 chrC2.844976A | G | 0.08099 | 3988 |
| 9 chrC2.845255G | A | 0.2626 | 3984 |
| 9 chrC2.845518A | G | 0.04296 | 4004 |

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| 9 chrC2.846380G | A | 0.1376 | 3984 |
| 9 chrC2.847778A | G | 0.2514 | 3982 |
| 9 chrC2.849447C | A | 0.1535 | 3986 |
| 9 chrC2.849500C | A | 0.08868 | 3992 |
| 9 chrC2.849692C | A | 0.488 | 3990 |
| 9 chrC2.850205G | A | 0.3573 | 3952 |
| 9 chrC2.850624A | G | 0.3031 | 4008 |
| 9 chrC2.851042G | A | 0.03423 | 4002 |
| 9 chrC2.851720A | G | 0.1258 | 3968 |
| 9 chrC2.852004A | G | 0.0272 | 4008 |
| 9 chrC2.852366A | G | 0.156 | 4006 |
| 9 chrC2.853601A | G | 0.1036 | 3908 |
| 9 chrC2.854288G | A | 0.3032 | 3998 |
| 9 chrC2.855101A | G | 0.2542 | 4000 |
| 9 chrC2.855353A | C | 0.4834 | 3858 |
| 9 chrC2.855826G | A | 0.2758 | 3978 |
| 9 chrC2.856071G | A | 0.4818 | 4002 |
| 9 chrC2.856505A | G | 0.3571 | 3988 |
| 9 chrC2.857498C | A | 0.07546 | 4002 |
| 9 chrC2.857938A | G | 0.006733 | 4010 |
| 9 chrC2.858358A | G | 0.103 | 3952 |
| 9 chrC2.858688A | G | 0.205 | 4000 |
| 9 chrC2.859008A | G | 0.4777 | 3992 |
| 9 chrC2.859482G | A | 0.3523 | 4008 |
| 9 chrC2.859805A | G | 0.3343 | 3880 |
| 9 chrC2.860525A | G | 0.3519 | 3910 |
| 9 chrC2.861072G | A | 0.1627 | 4008 |
| 9 chrC2.861193A | G | 0.3332 | 3974 |
| 9 chrC2.861894A | G | 0.08292 | 3992 |
| 9 chrC2.862618G | A | 0.1808 | 3950 |
| 9 chrUn.820690G | A | 0.004993 | 4006 |
| 9 chrUn.108010A | G | 0.3264 | 3952 |
| 9 chrC2.863415G | A | 0.1595 | 3994 |
| 9 chrC2.863487A | C | 0.3238 | 3996 |
| 9 chrC2.863823A | G | 0.1114 | 3968 |
| 9 chrC2.864282A | C | 0.1254 | 3906 |
| 9 chrB4.495996G | A | 0.1187 | 3942 |
| 9 chrC2.864539G | A | 0.4857 | 3990 |
| 9 chrUn.120930G | A | 0.4762 | 3780 |
| 9 chrC2.865177A | G | 0.04708 | 3802 |
| 9 chrC2.866532A | G | 0.2003 | 3924 |

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| 9 chrC2.866177A | G | 0.0991 | 4006 |
| 9 chrC2.865691A | G | 0.4029 | 3974 |
| 9 chrC2.867924G | A | 0.07722 | 3898 |
| 9 chrE3.604280A | G | 0.2141 | 3966 |
| 9 chrE3.604030A | G | 0.3868 | 3958 |
| 9 chrE3.602882A | G | 0.2301 | 3998 |
| 9 chrE3.602131G | A | 0.2833 | 3968 |
| 9 chrE3.601459A | G | 0.1795 | 4006 |
| 9 chrE3.599050G | A | 0.4675 | 3942 |
| 9 chrE3.596833A | G | 0.1684 | 4002 |
| 9 chrE3.596205A | G | 0.2565 | 4004 |
| 9 chrUn33.4320G | A | 0.2617 | 4004 |
| 9 chrUn33.4400A | G | 0.06875 | 3840 |
| 9 chrUn33.4454A | G | 0.2616 | 4002 |
| 9 chrUn33.4510C | A | 0.05608 | 3834 |
| 9 chrUn33.4590G | A | 0.082 | 3744 |
| 9 chrUn33.4660G | A | 0.003491 | 4010 |
| 9 chrUn33.4730A | G | 0.26 | 4008 |
| 9 chrUn33.4800A | G | 0.2897 | 4008 |
| 9 chrUn33.4860A | G | 0.1105 | 4008 |
| 9 chrUn33.4930G | A | 0.1579 | 4010 |
| 9 chrUn33.4890G | A | 0.4771 | 3880 |
| 9 chrUn33.4960A | G | 0.06986 | 4008 |
| 9 chrUn33.5020G | A | 0.1052 | 3936 |
| 9 chrUn33.5070A | C | 0.1189 | 3952 |
| 9 chrUn33.5170G | A | 0.2045 | 3996 |
| 9 chrUn33.5120G | A | 0.1746 | 3998 |
| 9 chrUn33.5150G | A | 0.174 | 4000 |
| 9 chrUn33.5230A | G | 0.202 | 3986 |
| 9 chrUn33.5270C | A | 0.3796 | 4002 |
| 9 chrUn33.5320G | A | 0.2642 | 3986 |
| 9 chrUn33.5370G | A | 0.1835 | 3874 |
| 9 chrUn33.5400A | G | 0.434 | 4002 |
| 9 chrUn33.5480G | A | 0.4633 | 4004 |
| 9 chrUn33.5510A | G | 0.3049 | 3982 |
| 9 chrUn33.5580A | G | 0.07161 | 3994 |
| 9 chrUn33.5610C | A | 0.3121 | 3976 |
| 9 chrUn33.5660A | G | 0.2988 | 4010 |
| 9 chrUn33.5670 | 0 A | 0 | 4006 |
| 9 chrUn33.5740A | G | 0.402 | 4002 |
| 9 chrUn33.5800A | G | 0.2039 | 3962 |

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| 9 chrUn33.582(G | A | 0.2126 | 3994 |
| 9 chrUn33.585(A | G | 0.3193 | 3990 |
| 9 chrUn33.588(G | A | 0.456 | 3886 |
| 9 chrUn.74536(A | G | 0.1853 | 3998 |
| 9 chrUn33.595(G | A | 0.03892 | 4008 |
| 9 chrUn33.603(A | G | 0.2489 | 4006 |
| 9 chrUn33.607(A | G | 0.4071 | 3994 |
| 9 chrUn33.611(A | C | 0.3394 | 3980 |
| 9 chrUn33.614(A | C | 0.4117 | 3996 |
| 9 chrUn33.620(A | G | 0.1922 | 4002 |
| 9 chrUn33.623(A | G | 0.1695 | 3994 |
| 9 chrUn33.628(A | C | 0.04945 | 4004 |
| 9 chrUn33.634(A | G | 0.2949 | 4008 |
| 9 chrUn33.631(A | G | 0.4138 | 3922 |
| 9 chrUn33.645(G | A | 0.2382 | 4000 |
| 9 chrUn33.651(A | G | 0.2889 | 3852 |
| 9 chrUn33.661(A | G | 0.1937 | 3964 |
| 9 chrUn33.664(G | A | 0.4689 | 3958 |
| 9 chrUn33.664(A | G | 0.01446 | 3874 |
| 9 chrUn33.667(G | A | 0.3191 | 3996 |
| 9 chrB3.167697A | G | 0.4114 | 3928 |
| 9 chrB3.16860(G | A | 0.01451 | 3998 |
| 9 chrB3.16927(G | A | 0.2332 | 3880 |
| 9 chrX.5096627A | G | 0.4447 | 3814 |
| 9 chrX.509824(G | 0 G | 0 | 4008 |
| 9 chrX.509941(A | G | 0.1802 | 4002 |
| 9 chrX.510108(G | A | 0.04047 | 3954 |
| 9 chrX.510936(G | G | 0.3136 | 3992 |
| 9 chrX.511353(G | A | 0.156 | 4000 |
| 9 chrX.511703(A | G | 0.4083 | 4000 |
| 9 chrX.512121(A | G | 0.4153 | 4004 |
| 9 chrX.512834(G | A | 0.01238 | 3878 |
| 9 chrX.513334(G | A | 0.4639 | 3992 |
| 9 chrX.514307(G | A | 0.1022 | 3904 |
| 9 chrUn23.253(C | A | 0.4136 | 4006 |
| 9 chrUn23.252(A | G | 0.00175 | 4000 |
| 9 chrUn23.244(A | G | 0.1393 | 3998 |
| 9 chrUn34.918(A | G | 0.2052 | 4006 |
| 9 chrUn34.911(A | G | 0.09402 | 3978 |
| 9 chrC2.456641A | G | 0.2038 | 3974 |
| 9 chrUn34.908(G | A | 0.01323 | 4006 |

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|-----------------|-----|----------|------|
| 9 chrUn34.903(G | A | 0.002783 | 3952 |
| 9 chrUn34.887(G | A | 0.1003 | 3990 |
| 9 chrUn34.872(A | C | 0.3311 | 4008 |
| 9 chrUn34.864(G | A | 0.0689 | 4006 |
| 9 chrUn34.861(G | A | 0.03744 | 3900 |
| 9 chrUn34.856(G | A | 0.3593 | 4008 |
| 9 chrUn34.850(A | G | 0.02718 | 4010 |
| 9 chrUn34.848(C | A | 0.00404 | 3960 |
| 9 chrUn34.845(G | A | 0.205 | 3970 |
| 9 chrUn34.837(A | G | 0.1362 | 3606 |
| 9 chrUn34.834(G | A | 0.005994 | 4004 |
| 9 chrUn34.820(C | A | 0.1713 | 3912 |
| 9 chrUn34.813(G | A | 0.01397 | 4010 |
| 9 chrUn34.808(A | G | 0.2304 | 3976 |
| 9 chrUn34.804(A | G | 0.1564 | 3996 |
| 9 chrUn34.800(G | A | 0.2742 | 4000 |
| 9 chrUn34.794(G | A | 0.217 | 4004 |
| 9 chrUn34.790(A | G | 0.1982 | 4002 |
| 9 chrUn34.787(G | A | 0.1536 | 4004 |
| 9 chrUn34.786(G | 0 G | 0 | 4008 |
| 9 chrUn34.783(A | G | 0.003998 | 4002 |
| 9 chrUn34.774(A | G | 0.2716 | 3998 |
| 9 chrUn34.768(A | C | 0.4811 | 3922 |
| 9 chrUn34.763(A | G | 0.006039 | 3974 |
| 9 chrUn34.759(A | G | 0.4208 | 3978 |
| 9 chrUn34.756(A | G | 0.423 | 3998 |
| 9 chrUn.43685(A | G | 0.263 | 3954 |
| 9 chrUn34.745(A | G | 0.09844 | 3972 |
| 9 chrUn34.739(A | G | 0.217 | 4000 |
| 9 chrUn34.737(G | A | 0.2193 | 3876 |
| 9 chrUn34.733(A | G | 0.02493 | 3810 |
| 9 chrUn34.730(A | G | 0.06968 | 4004 |
| 9 chrUn34.719(G | A | 0.2485 | 3980 |
| 9 chrUn.63977(A | G | 0.4614 | 3964 |
| 9 chrUn34.714(A | G | 0.05835 | 4010 |
| 9 chrUn34.704(G | A | 0.393 | 3990 |
| 9 chrUn34.698(G | A | 0.1801 | 4008 |
| 9 chrUn34.695(A | G | 0.3777 | 3982 |
| 9 chrC2.81335(A | C | 0.2792 | 3944 |
| 9 chrUn34.691(G | A | 0.3509 | 4004 |
| 9 chrUn34.689(G | A | 0.0217 | 4010 |

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| 9 chrUn34.685 | A | G | 0.05694 | 4004 |
| 9 chrUn34.680 | C | A | 0.362 | 3992 |
| 9 chrUn34.678 | A | G | 0.003242 | 4010 |
| 9 chrUn34.673 | C | A | 0.4642 | 3994 |
| 9 chrUn34.669 | A | G | 0.4217 | 4010 |
| 9 chrUn34.666 | G | A | 0.0439 | 3986 |
| 9 chrUn34.659 | G | A | 0.4295 | 4000 |
| 9 chrUn34.652 | C | A | 0.3678 | 4008 |
| 9 chrUn34.647 | A | G | 0.2482 | 3936 |
| 9 chrUn34.644 | G | A | 0.3094 | 3992 |
| 9 chrUn34.641 | A | G | 0.3703 | 4000 |
| 9 chrUn34.638 | G | A | 0.103 | 4000 |
| 9 chrUn34.635 | G | A | 0.2136 | 3994 |
| 9 chrUn34.629 | C | A | 0.4327 | 3982 |
| 9 chrUn34.624 | G | A | 0.4315 | 3958 |
| 9 chrUn34.621 | A | G | 0.228 | 3768 |
| 9 chrUn34.615 | A | G | 0.4997 | 3946 |
| 9 chrUn34.608 | C | A | 0.2301 | 3994 |
| 9 chrUn34.605 | G | A | 0.2218 | 4004 |
| 9 chrUn34.603 | A | G | 0.3702 | 3928 |
| 9 chrUn34.601 | A | G | 0.0002498 | 4004 |
| 9 chrUn34.598 | G | A | 0.01506 | 3984 |
| 9 chrUn34.596 | A | G | 0.01173 | 4006 |
| 9 chrUn34.590 | A | G | 0.1952 | 3976 |
| 9 chrUn34.584 | C | A | 0.1593 | 4004 |
| 9 chrUn34.580 | A | G | 0.4827 | 3982 |
| 9 chrUn34.576 | A | G | 0.1552 | 4008 |
| 9 chrUn34.570 | A | G | 0.2692 | 3930 |
| 9 chrUn34.567 | G | A | 0.338 | 4000 |
| 9 chrUn34.551 | A | G | 0.363 | 4008 |
| 9 chrUn34.549 | A | C | 0.3771 | 3914 |
| 9 chrUn34.548 | A | G | 0.3941 | 3996 |
| 9 chrUn34.548 | A | G | 0.3639 | 3996 |
| 9 chrUn34.544 | G | A | 0.2037 | 4006 |
| 9 chrUn34.541 | G | A | 0.3604 | 3998 |
| 9 chrUn34.535 | A | C | 0.3333 | 4006 |
| 9 chrUn34.531 | A | C | 0.03119 | 4008 |
| 9 chrUn34.522 | A | G | 0.4475 | 3884 |
| 9 chrUn34.518 | A | C | 0.2741 | 3976 |
| 9 chrUn34.514 | A | G | 0.3158 | 3984 |
| 9 chrUn34.507 | A | G | 0.08704 | 3998 |

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| 9 chrUn34.5010C | A | 0.2723 | 4010 |
| 9 chrUn34.4980A | G | 0.1774 | 3996 |
| 9 chrC2.907197G | A | 0.4613 | 3902 |
| 9 chrC2.907450A | G | 0.3242 | 3994 |
| 9 chrC2.907977A | C | 0.1833 | 4010 |
| 9 chrC2.908876A | G | 0.4012 | 3986 |
| 9 chrC2.909171G | A | 0.1555 | 4006 |
| 9 chrC2.909579A | G | 0.02668 | 4010 |
| 9 chrC2.910086A | G | 0.001251 | 3996 |
| 9 chrC2.910829G | A | 0.09636 | 4006 |
| 9 chrC2.911269C | A | 0.2853 | 3968 |
| 9 chrC2.912022A | G | 0.3842 | 3990 |
| 9 chrC2.912679A | G | 0.3811 | 3986 |
| 9 chrC2.912945G | A | 0.4912 | 3992 |
| 9 chrC2.913222A | G | 0.4229 | 3994 |
| 9 chrC2.913571A | C | 0.4063 | 4004 |
| 9 chrC2.913865C | A | 0.4862 | 3984 |
| 9 chrC2.914227A | C | 0.4694 | 3984 |
| 9 chrC2.914901A | G | 0.3103 | 3986 |
| 9 chrC2.915169A | G | 0.2808 | 4000 |
| 9 chrC2.915395A | G | 0.000499 | 4008 |
| 9 chrC2.915604A | G | 0.237 | 4000 |
| 9 chrC2.916261G | A | 0.1531 | 3978 |
| 9 chrC2.916758C | A | 0.4757 | 3984 |
| 9 chrC2.917396G | A | 0.0307 | 4006 |
| 9 chrC2.918065A | G | 0.1373 | 4006 |
| 9 chrC2.918357G | A | 0.3186 | 3970 |
| 9 chrC2.918908A | G | 0.309 | 3786 |
| 9 chrC2.919149G | A | 0.03948 | 4002 |
| 9 chrC2.919472A | G | 0.1692 | 3996 |
| 9 chrC2.919952A | G | 0.101 | 4010 |
| 9 chrC2.920203A | G | 0.1356 | 3836 |
| 9 chrC2.920267G | A | 0.2148 | 3990 |
| 9 chrC2.920535C | A | 0.1758 | 3908 |
| 9 chrC2.920845A | G | 0.2755 | 3982 |
| 9 chrC2.921385G | A | 0.4785 | 3994 |
| 9 chrC2.921787G | A | 0.2666 | 3998 |
| 9 chrC2.922103A | C | 0.2513 | 3996 |
| 9 chrC2.922549A | G | 0.428 | 4002 |
| 9 chrC2.922931G | A | 0.0394 | 4010 |
| 9 chrC2.923836G | A | 0.3265 | 3988 |

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| 9 chrC2.924161C | A | 0.3322 | 3940 |
| 9 chrC2.924494A | G | 0.03257 | 3992 |
| 9 chrC2.924895C | A | 0.01338 | 3886 |
| 9 chrC2.925165A | G | 0.07685 | 4008 |
| 9 chrC2.925482G | A | 0.1101 | 4006 |
| 9 chrC2.925822A | G | 0.044 | 4000 |
| 9 chrC2.926201A | G | 0.3725 | 3992 |
| 9 chrC2.926657A | G | 0.3789 | 3996 |
| 9 chrC2.927234A | G | 0.07949 | 3988 |
| 9 chrC2.927645A | C | 0.231 | 3982 |
| 9 chrC2.928267G | A | 0.1867 | 4002 |
| 9 chrC2.928848A | C | 0.06575 | 4000 |
| 9 chrC2.929112G | A | 0.4117 | 3872 |
| 9 chrC2.929382G | A | 0.2645 | 3944 |
| 9 chrC2.930670A | G | 0.05321 | 3984 |
| 9 chrC2.931021A | G | 0.4122 | 3906 |
| 9 chrC2.931482G | A | 0.1204 | 4004 |
| 9 chrC2.931682 | 0 G | 0 | 4008 |
| 9 chrC2.931935A | G | 0.02992 | 3844 |
| 9 chrC2.932204G | A | 0.2176 | 3962 |
| 9 chrC2.932700A | G | 0.4767 | 3818 |
| 9 chrC2.933062G | A | 0.0475 | 4000 |
| 9 chrC2.933721A | G | 0.1767 | 4000 |
| 9 chrC2.934137A | G | 0.2561 | 4002 |
| 9 chrC2.934436A | G | 0.4465 | 3980 |
| 9 chrC2.934687A | G | 0.2965 | 4004 |
| 9 chrC2.934937A | G | 0.4678 | 3948 |
| 9 chrUn.350543G | A | 0.3778 | 3970 |
| 9 chrC2.935280A | G | 0.2272 | 3988 |
| 9 chrC2.935635A | G | 0.4216 | 3978 |
| 9 chrC2.936048A | G | 0.01248 | 4008 |
| 9 chrC2.936541A | G | 0.4473 | 3930 |
| 9 chrC2.936897A | G | 0.4539 | 3968 |
| 9 chrC2.937144G | A | 0.1204 | 4004 |
| 9 chrC2.937475C | A | 0.08179 | 3998 |
| 9 chrC2.937932G | A | 0.1841 | 3976 |
| 9 chrC2.938260A | G | 0.4122 | 3940 |
| 9 chrC2.938578G | A | 0.3556 | 3974 |
| 9 chrC2.938908A | G | 0.1144 | 4004 |
| 9 chrC2.939196A | G | 0.4719 | 3944 |
| 9 chrC2.939472G | A | 0.1382 | 4008 |

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| 9 chrC2.93993C | A | 0.2629 | 3994 |
| 9 chrC2.940217G | A | 0.1612 | 3982 |
| 9 chrC2.940997A | C | 0.159 | 4006 |
| 9 chrC2.941034G | A | 0.1975 | 3970 |
| 9 chrC2.941321G | A | 0.05015 | 3888 |
| 9 chrC2.941579G | A | 0.3446 | 3926 |
| 9 chrC2.94165C | A | 0.436 | 3970 |
| 9 chrC2.942166A | G | 0.1294 | 4010 |
| 9 chrC2.942631G | A | 0.04693 | 4006 |
| 9 chrC2.943118G | A | 0.1559 | 3984 |
| 9 chrC2.943473C | A | 0.4531 | 3986 |
| 9 chrC2.943812G | A | 0.498 | 3914 |
| 9 chrC2.944132A | C | 0.1032 | 3962 |
| 9 chrC2.944513G | A | 0.0659 | 4006 |
| 9 chrC2.944768G | A | 0.05456 | 3794 |
| 9 chrC2.945426A | G | 0.2849 | 3988 |
| 9 chrC2.945875G | A | 0.05863 | 4008 |
| 9 chrC2.946373C | A | 0.2718 | 3988 |
| 9 chrC2.946837A | G | 0.4002 | 3998 |
| 9 chrC2.947115A | G | 0.1531 | 4004 |
| 9 chrC2.947793A | G | 0.1426 | 3948 |
| 9 chrC2.948128G | A | 0.4679 | 3988 |
| 9 chrC2.948489A | G | 0.0953 | 3998 |
| 9 chrC2.948991A | C | 0.1989 | 3952 |
| 9 chrC2.949416A | C | 0.04715 | 3818 |
| 9 chrC2.950262C | A | 0.06793 | 4004 |
| 9 chrC2.951012A | G | 0.2267 | 4006 |
| 9 chrC2.95135C | G | 0.1619 | 4002 |
| 9 chrC2.95192C | A | 0.4813 | 4008 |
| 9 chrC2.952375A | G | 0.212 | 3996 |
| 9 chrC2.952722A | G | 0.2288 | 3986 |
| 9 chrC2.953256A | G | 0.4074 | 3962 |
| 9 chrC2.953681A | G | 0.3552 | 3964 |
| 9 chrC2.954651G | A | 0.3001 | 3982 |
| 9 chrC2.95494C | G | 0.08571 | 4002 |
| 9 chrC2.955586C | A | 0.144 | 3772 |
| 9 chrC2.957379G | A | 0.2214 | 4006 |
| 9 chrC2.957864C | A | 0.454 | 4004 |
| 9 chrC2.958348A | G | 0.1661 | 3968 |
| 9 chrC2.959443G | A | 0.1356 | 3982 |
| 9 chrC2.959935A | G | 0.154 | 3988 |

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| 9 chrC2.960286 | A | 0.1779 | 4008 |
| 9 chrC2.960568 | A | 0.4783 | 3962 |
| 9 chrC2.961154 | A | 0.05235 | 3992 |
| 9 chrC2.961469 | G | 0.492 | 3994 |
| 9 chrC2.961798 | G | 0.1715 | 3972 |
| 9 chrC2.963147 | G | 0.1029 | 3974 |
| 9 chrC2.963518 | A | 0.495 | 3988 |
| 9 chrC2.963963 | G | 0.01793 | 3960 |
| 9 chrC2.964589 | A | 0.09506 | 4008 |
| 9 chrC2.964847 | G | 0.4174 | 3996 |
| 9 chrC2.965417 | G | 0.4897 | 3988 |
| 9 chrC2.965634 | G | 0.2475 | 3968 |
| 9 chrC2.966087 | A | 0.2608 | 3984 |
| 9 chrC2.966557 | C | 0.03447 | 4004 |
| 9 chrC2.966853 | A | 0.15 | 4006 |
| 9 chrC2.967128 | G | 0.4247 | 4008 |
| 9 chrC2.967761 | G | 0.1572 | 3996 |
| 9 chrC2.968013 | G | 0.4234 | 3996 |
| 9 chrC2.968389 | A | 0.2088 | 3936 |
| 9 chrC2.968933 | G | 0.2356 | 3794 |
| 9 chrC2.969416 | G | 0.1118 | 3988 |
| 9 chrC2.970009 | A | 0.2511 | 3998 |
| 9 chrC2.970141 | G | 0.448 | 3964 |
| 9 chrC2.970437 | G | 0.3881 | 3978 |
| 9 chrC2.970781 | A | 0.03347 | 4004 |
| 9 chrC2.971157 | G | 0.03242 | 4010 |
| 9 chrC2.971962 | A | 0.2267 | 3966 |
| 9 chrC2.972967 | A | 0.1211 | 3998 |
| 9 chrC2.973590 | G | 0.3817 | 3998 |
| 9 chrC2.973907 | C | 0.4307 | 3998 |
| 9 chrC2.974310 | A | 0.3714 | 3998 |
| 9 chrC2.974636 | G | 0.1628 | 4000 |
| 9 chrC2.974992 | A | 0.4616 | 4006 |
| 9 chrC2.975297 | G | 0.005492 | 4006 |
| 9 chrC2.975562 | G | 0.2865 | 4000 |
| 9 chrC2.975926 | A | 0.05023 | 3982 |
| 9 chrC2.976288 | G | 0.07883 | 3996 |
| 9 chrC2.976979 | G | 0.4502 | 3934 |
| 9 chrC2.977445 | A | 0.1862 | 3920 |
| 9 chrC2.977969 | C | 0.1543 | 3980 |
| 9 chrC2.978475 | A | 0.08133 | 3984 |

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| 9 chrC2.979059G | A | 0.005741 | 4006 |
| 9 chrC2.979669G | A | 0.06951 | 3956 |
| 9 chrC2.980014A | G | 0.3931 | 4004 |
| 9 chrC2.981116G | A | 0.2065 | 4010 |
| 9 chrC2.981460A | G | 0.09226 | 3902 |
| 9 chrC2.981951G | A | 0.05373 | 3834 |
| 9 chrC2.982645G | A | 0.07493 | 4004 |
| 9 chrC2.983312A | G | 0.2403 | 4008 |
| 9 chrC2.983613G | A | 0.3497 | 3980 |
| 9 chrC2.984630G | A | 0.4832 | 3930 |
| 9 chrC2.985144G | A | 0.252 | 3770 |
| 9 chrC2.985449A | G | 0.4031 | 3972 |
| 9 chrC2.985933A | G | 0.465 | 3974 |
| 9 chrC2.986534G | A | 0.1049 | 4002 |
| 9 chrC2.986860A | G | 0.1603 | 3686 |
| 9 chrC2.986898G | A | 0.009731 | 4008 |
| 9 chrC2.987421A | G | 0.1374 | 3988 |
| 9 chrC2.987790A | G | 0.09081 | 3744 |
| 9 chrC2.988012G | A | 0.001006 | 3978 |
| 9 chrC2.988522A | G | 0.1208 | 3998 |
| 9 chrC2.988842A | G | 0.2366 | 3968 |
| 9 chrC2.989097G | A | 0.492 | 4004 |
| 9 chrUn34.4924C | A | 0.223 | 3718 |
| 9 chrUn34.4780A | G | 0.2969 | 4002 |
| 9 chrUn34.4710G | A | 0.2966 | 3988 |
| 9 chrUn34.4674G | A | 0.301 | 3990 |
| 9 chrUn34.4560A | G | 0.3201 | 4002 |
| 9 chrUn34.4530G | A | 0.3202 | 4004 |
| 9 chrUn34.4450C | A | 0.148 | 4000 |
| 9 chrUn34.4420G | A | 0.4439 | 3978 |
| 9 chrUn34.4330C | A | 0.2857 | 3812 |
| 9 chrUn34.4310C | A | 0.4134 | 3994 |
| 9 chrUn34.4260A | G | 0.3987 | 3990 |
| 9 chrUn34.4190A | C | 0.4685 | 4000 |
| 9 chrUn34.4140A | G | 0.2985 | 4000 |
| 9 chrUn34.4090C | A | 0.2848 | 3936 |
| 9 chrUn34.4060G | A | 0.2986 | 3992 |
| 9 chrUn34.4030A | G | 0.3473 | 3996 |
| 9 chrUn34.3980G | A | 0.3284 | 4010 |
| 9 chrUn34.3910G | A | 0.365 | 3986 |
| 9 chrUn34.3880G | A | 0.4651 | 4006 |

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| 9 chrUn34.385(A | G | 0.492 | 4004 |
| 9 chrUn34.382(G | A | 0.3436 | 3990 |
| 9 chrUn.31174(A | G | 0.433 | 3956 |
| 9 chrUn34.377(A | 0 A | 0 | 4006 |
| 9 chrUn34.372(A | G | 0.2881 | 3992 |
| 9 chrUn34.369(A | G | 0.3867 | 4000 |
| 9 chrUn34.365(A | G | 0.1561 | 3998 |
| 9 chrUn34.362(G | A | 0.3559 | 3996 |
| 9 chrUn34.356(A | C | 0.1847 | 4000 |
| 9 chrUn34.356(A | G | 0.001747 | 4008 |
| 9 chrUn34.352(A | G | 0.2025 | 3930 |
| 9 chrUn34.346(A | G | 0.318 | 3950 |
| 9 chrUn34.339(G | A | 0.05888 | 3906 |
| 9 chrUn34.334(A | G | 0.07454 | 3998 |
| 9 chrUn34.331(A | G | 0.2547 | 4000 |
| 9 chrUn34.327(G | A | 0.2758 | 4006 |
| 9 chrUn34.318(C | A | 0.1102 | 4002 |
| 9 chrC2.99924(G | A | 0.4511 | 3990 |
| 9 chrC2.99999(G | A | 0.1024 | 4004 |
| 9 chrC2.10002(A | G | 0.2907 | 4008 |
| 9 chrUn34.310(A | G | 0.05835 | 4010 |
| 9 chrC2.10014(A | G | 0.03542 | 3868 |
| 9 chrC2.10019(G | A | 0.356 | 4008 |
| 9 chrC2.10022(G | A | 0.1341 | 4004 |
| 9 chrC2.10024(G | A | 0.06294 | 4004 |
| 9 chrC2.10031(A | G | 0.2102 | 4006 |
| 9 chrC2.10034(A | G | 0.06584 | 4010 |
| 9 chrC2.10038(A | C | 0.2773 | 3996 |
| 9 chrC2.10046(A | G | 0.04473 | 4002 |
| 9 chrC2.10052(G | A | 0.08942 | 3970 |
| 9 chrUn.59150(A | G | 0.2614 | 3986 |
| 9 chrC2.10063(A | G | 0.2095 | 3990 |
| 9 chrC2.10063(A | G | 0.0009975 | 4010 |
| 9 chrC2.10067(G | A | 0.2461 | 4002 |
| 9 chrC2.10069(A | G | 0.2066 | 3998 |
| 9 chrC2.10075(G | A | 0.2665 | 4004 |
| 9 chrC2.10085(A | C | 0.1011 | 3986 |
| 9 chrC2.10090(A | G | 0.06713 | 3992 |
| 9 chrC2.10097(G | A | 0.3893 | 3976 |
| 9 chrC2.10100(A | G | 0.04396 | 3822 |
| 9 chrC2.10102(A | G | 0.4297 | 3754 |

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| 9 chrC2.101101G | A | 0.3605 | 4000 |
| 9 chrC2.101179A | G | 0.4324 | 3726 |
| 9 chrC2.101225C | A | 0.1028 | 3794 |
| 9 chrC2.101279G | A | 0.2284 | 4002 |
| 9 chrC2.101318A | G | 0.4105 | 3946 |
| 9 chrC2.101356A | G | 0.4922 | 3978 |
| 9 chrC2.101402A | G | 0.03304 | 3844 |
| 9 chrC2.101527G | A | 0.03136 | 3954 |
| 9 chrC2.101571A | C | 0.2831 | 3998 |
| 9 chrC2.101604G | A | 0.4812 | 4000 |
| 9 chrC2.101644A | G | 0.2553 | 3972 |
| 9 chrC2.101690A | C | 0.2815 | 3958 |
| 9 chrC2.101737G | A | 0.4477 | 3998 |
| 9 chrC2.101784A | G | 0.1685 | 4000 |
| 9 chrC2.101844G | A | 0.451 | 4004 |
| 9 chrC2.101902A | G | 0.469 | 4002 |
| 9 chrC2.101937G | A | 0.3867 | 3998 |
| 9 chrC2.102004G | A | 0.08837 | 4006 |
| 9 chrC2.102050G | A | 0.03541 | 4010 |
| 9 chrC2.102101G | A | 0.2651 | 3998 |
| 9 chrC2.102145A | C | 0.05122 | 4002 |
| 9 chrC2.102199G | A | 0.3463 | 3950 |
| 9 chrC2.102247G | A | 0.2404 | 3894 |
| 9 chrC2.102274A | G | 0.1244 | 3994 |
| 9 chrC2.102318A | G | 0.168 | 3994 |
| 9 chrC2.102370G | A | 0.2561 | 4006 |
| 9 chrC2.102410G | A | 0.2289 | 4002 |
| 9 chrC2.102469A | G | 0.1766 | 4004 |
| 9 chrC2.102526G | A | 0.436 | 3998 |
| 9 chrC2.102546A | G | 0.196 | 4000 |
| 9 chrC2.102566A | G | 0.2095 | 4004 |
| 9 chrC2.102593A | G | 0.1388 | 4006 |
| 9 chrC2.102657A | G | 0.1969 | 3992 |
| 9 chrC2.102658G | A | 0.04217 | 4008 |
| 9 chrC2.102682A | G | 0.1802 | 3934 |
| 9 chrC2.102723A | G | 0.155 | 3942 |
| 9 chrC2.102795G | A | 0.3499 | 3998 |
| 9 chrC2.102845G | A | 0.2997 | 3994 |
| 9 chrC2.102909C | A | 0.03615 | 3928 |
| 9 chrC2.102939A | G | 0.4782 | 3994 |
| 9 chrC2.102968C | A | 0.1498 | 4006 |

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| 9 chrC2.103017A | G | 0.4191 | 3980 |
| 9 chrC2.103049A | C | 0.3804 | 3998 |
| 9 chrC2.103090A | G | 0.2159 | 3964 |
| 9 chrC2.103163A | G | 0.4248 | 4002 |
| 9 chrC2.103191A | G | 0.3653 | 3950 |
| 9 chrC2.103246A | G | 0.381 | 3992 |
| 9 chrC2.103324G | A | 0.03923 | 4002 |
| 9 chrC2.103394C | A | 0.1667 | 4002 |
| 9 chrC2.103435A | G | 0.03823 | 4002 |
| 9 chrC2.103477A | G | 0.2969 | 3984 |
| 9 chrC2.103521G | A | 0.3194 | 3754 |
| 9 chrC2.103552A | G | 0.01952 | 3996 |
| 9 chrC2.103582A | G | 0.3076 | 3914 |
| 9 chrC2.103625G | A | 0.01496 | 4010 |
| 9 chrC2.103656A | G | 0.452 | 3998 |
| 9 chrC2.103724G | A | 0.1084 | 4002 |
| 9 chrC2.103797A | G | 0.1064 | 4004 |
| 9 chrD4.779129A | G | 0.06362 | 4008 |
| 9 chrC2.103863A | G | 0.03345 | 3946 |
| 9 chrC2.103906A | G | 0.03616 | 4010 |
| 9 chrUn.711037G | C | 0.4424 | 3996 |
| 9 chrC2.103958G | A | 0.06053 | 3998 |
| 9 chrC2.104009A | G | 0.1331 | 3982 |
| 9 chrC2.104047G | A | 0.002494 | 4010 |
| 9 chrC2.104114A | G | 0.1167 | 3986 |
| 9 chrC2.104143G | A | 0.1326 | 4006 |
| 9 chrC2.104180A | G | 0.1895 | 3990 |
| 9 chrC2.104212A | G | 0.3291 | 3996 |
| 9 chrC2.104238A | G | 0.3116 | 3992 |
| 9 chrC2.104267A | G | 0.1458 | 3992 |
| 9 chrC2.104325C | A | 0.03604 | 3968 |
| 9 chrC2.104418A | C | 0.05817 | 3954 |
| 9 chrC2.104443A | G | 0.1114 | 3914 |
| 9 chrC2.104471A | G | 0.1088 | 3978 |
| 9 chrC2.104541A | G | 0.4145 | 3998 |
| 9 chrC2.104619A | G | 0.4054 | 3996 |
| 9 chrC2.104651G | A | 0.3693 | 3910 |
| 9 chrC2.104679A | G | 0.1362 | 4002 |
| 9 chrC2.104711A | G | 0.1295 | 4000 |
| 9 chrC2.104824A | C | 0.3841 | 3848 |
| 9 chrC2.104860A | G | 0.03268 | 3978 |

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| 9 chrC2.104931A | G | 0.2139 | 3998 |
| 9 chrC2.104941A | G | 0.004788 | 3968 |
| 9 chrC2.104956A | G | 0.178 | 3932 |
| 9 chrC2.104993A | G | 0.01336 | 3968 |
| 9 chrC2.105035A | G | 0.08333 | 3900 |
| 9 chrC2.105062A | G | 0.2219 | 4002 |
| 9 chrC2.105106A | G | 0.4468 | 3982 |
| 9 chrC2.105126A | G | 0.4832 | 3622 |
| 9 chrC2.105163A | G | 0.2436 | 3842 |
| 9 chrC2.105217A | G | 0.3372 | 4006 |
| 9 chrC2.105243G | A | 0.4531 | 3962 |
| 9 chrC2.105252A | G | 0.003832 | 3914 |
| 9 chrC2.105311A | G | 0.2536 | 3916 |
| 9 chrC2.105356A | G | 0.0004993 | 4006 |
| 9 chrC2.105381A | G | 0.1537 | 4002 |
| 9 chrC2.105436A | G | 0.107 | 3992 |
| 9 chrC2.105424G | A | 0.09418 | 3950 |
| 9 chrC2.105482A | C | 0.2131 | 4002 |
| 9 chrC2.105555G | A | 0.009395 | 3832 |
| 9 chrB1.223949G | A | 0.01198 | 4008 |
| 9 chrC2.105617G | A | 0.1194 | 4004 |
| 9 chrC2.105657A | C | 0.1224 | 3994 |
| 9 chrC2.105704G | A | 0.2169 | 3998 |
| 9 chrC2.105732G | A | 0.05047 | 4002 |
| 9 chrC2.105768A | G | 0.09619 | 3992 |
| 9 chrC2.105807A | G | 0.2487 | 3936 |
| 9 chrC2.105852A | G | 0.3597 | 3870 |
| 9 chrC2.105896A | G | 0.1555 | 3954 |
| 9 chrC2.105925A | G | 0.3006 | 4002 |
| 9 chrC2.105976A | G | 0.05262 | 3820 |
| 9 chrC2.106002A | G | 0.3916 | 4002 |
| 9 chrC2.106075G | A | 0.05275 | 4000 |
| 9 chrC2.106133G | A | 0.3913 | 3974 |
| 9 chrC2.106175A | G | 0.07947 | 3838 |
| 9 chrC2.106219C | A | 0.04482 | 3860 |
| 9 chrC2.106304A | G | 0.06893 | 4004 |
| 9 chrC2.106346G | A | 0.02581 | 3990 |
| 9 chrC2.106358A | G | 0.1678 | 3964 |
| 9 chrC2.106403C | A | 0.01822 | 4006 |
| 9 chrC2.106486C | A | 0.2937 | 3892 |
| 9 chrC2.106559A | G | 0.08375 | 3976 |

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| 9 chrC2.106635G | A | 0.2179 | 3998 |
| 9 chrC2.106687G | A | 0.1181 | 4006 |
| 9 chrC2.106722A | G | 0.2011 | 4002 |
| 9 chrC2.106747A | G | 0.2045 | 3980 |
| 9 chrC2.106772G | A | 0.08666 | 4004 |
| 9 chrC2.106807A | G | 0.0562 | 3648 |
| 9 chrC2.106847A | G | 0.2678 | 4006 |
| 9 chrC2.106910A | G | 0.328 | 3854 |
| 9 chrC2.106936A | G | 0.214 | 4004 |
| 9 chrC2.106960G | A | 0.02222 | 4006 |
| 9 chrC2.107021G | A | 0.4269 | 4006 |
| 9 chrC2.107048A | C | 0.2199 | 3974 |
| 9 chrC2.107075A | G | 0.4965 | 3960 |
| 9 chrC2.107120A | G | 0.03346 | 3826 |
| 9 chrC2.107186A | G | 0.3293 | 3744 |
| 9 chrC2.107210C | A | 0.3593 | 3994 |
| 9 chrC2.107241C | A | 0.08959 | 3996 |
| 9 chrC2.107271A | G | 0.008728 | 4010 |
| 9 chrC2.107308G | A | 0.3403 | 3770 |
| 9 chrC2.107344A | G | 0.2122 | 3996 |
| 9 chrC2.107436G | A | 0.2617 | 4004 |
| 9 chrC2.107467A | G | 0.07983 | 3996 |
| 9 chrC2.107514A | G | 0.2725 | 3942 |
| 9 chrC2.107575C | A | 0.147 | 3986 |
| 9 chrC2.107635G | A | 0.4238 | 3978 |
| 9 chrC2.107689A | G | 0.3261 | 3974 |
| 9 chrC2.107721G | A | 0.4371 | 3990 |
| 9 chrF1.106211A | G | 0.4336 | 3988 |
| 9 chrC2.107761G | A | 0.212 | 4000 |
| 9 chrC2.107791A | G | 0.02674 | 4002 |
| 9 chrC2.107831A | C | 0.3729 | 4006 |
| 9 chrC2.107900G | A | 0.03946 | 4004 |
| 9 chrC2.107963G | A | 0.3221 | 4002 |
| 9 chrC2.108009G | A | 0.2779 | 4002 |
| 9 chrC2.108058G | A | 0.08619 | 3968 |
| 9 chrC2.108207A | G | 0.1597 | 4000 |
| 9 chrC2.108237A | G | 0.4914 | 3976 |
| 9 chrC2.108315A | G | 0.4394 | 3994 |
| 9 chrC2.108346A | G | 0.2991 | 3992 |
| 9 chrC2.108378A | G | 0.3288 | 3948 |
| 9 chrC2.108403G | A | 0.4564 | 3994 |

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| 9 chrC2.108461A | G | 0.3537 | 3986 |
| 9 chrC2.108487G | A | 0.4007 | 3996 |
| 9 chrC2.108519A | G | 0.09016 | 4004 |
| 9 chrC2.108550A | G | 0.0989 | 4004 |
| 9 chrC2.108584A | C | 0.3395 | 4006 |
| 9 chrC2.108608A | G | 0.483 | 3998 |
| 9 chrUn.775614G | A | 0.464 | 3998 |
| 9 chrC2.108646A | G | 0.01751 | 3998 |
| 9 chrC2.108680G | A | 0.4111 | 3980 |
| 9 chrC2.108719C | A | 0.2354 | 4006 |
| 9 chrC2.108747A | G | 0.1081 | 4004 |
| 9 chrUn.231221A | G | 0.2097 | 3986 |
| 9 chrUn.202061A | G | 0.3459 | 4010 |
| 9 chrC2.108829C | A | 0.4178 | 4004 |
| 9 chrC2.108854G | A | 0.1556 | 3960 |
| 9 chrC2.108892A | G | 0.3794 | 3998 |
| 9 chrC2.108946A | G | 0.2555 | 3836 |
| 9 chrC2.109009A | C | 0.1441 | 3962 |
| 9 chrC2.109059A | G | 0.1648 | 3992 |
| 9 chrC2.109081A | C | 0.3542 | 3984 |
| 9 chrC2.109149G | A | 0.4592 | 3970 |
| 9 chrC2.109194A | G | 0.2416 | 3990 |
| 9 chrC2.109231A | G | 0.4004 | 3986 |
| 9 chrC2.109259A | G | 0.01826 | 3998 |
| 9 chrC2.109309G | A | 0.2843 | 3996 |
| 9 chrC2.109329C | A | 0.1851 | 3992 |
| 9 chrC2.109399A | G | 0.2508 | 4000 |
| 9 chrC2.109454A | G | 0.4547 | 3994 |
| 9 chrC2.109479A | G | 0.1247 | 4002 |
| 9 chrC2.109562A | G | 0.4017 | 3986 |
| 9 chrC2.109612G | A | 0.3976 | 4002 |
| 9 chrC2.109659A | G | 0.1147 | 3948 |
| 9 chrC2.109674C | A | 0.3747 | 3998 |
| 9 chrC2.109786G | A | 0.2361 | 3982 |
| 9 chrC2.109827G | A | 0.4678 | 3948 |
| 9 chrC2.109879G | A | 0.2976 | 4006 |
| 9 chrC2.109939A | G | 0.2552 | 4000 |
| 9 chrC2.109988A | G | 0.3641 | 3966 |
| 9 chrC2.110041G | A | 0.08229 | 3852 |
| 9 chrC2.110072C | A | 0.07497 | 3908 |
| 9 chrC2.110096G | A | 0.4937 | 3982 |

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| 9 chrC2.110123A | G | 0.3448 | 3994 |
| 9 chrC2.110157G | A | 0.4084 | 3940 |
| 9 chrC2.110195A | G | 0.07573 | 3948 |
| 9 chrC2.110252G | A | 0.2993 | 3996 |
| 9 chrC2.110276G | A | 0.09312 | 3984 |
| 9 chrC2.110307G | A | 0.4563 | 4008 |
| 9 chrC2.110336C | A | 0.3976 | 4004 |
| 9 chrC2.110413A | G | 0.3877 | 3952 |
| 9 chrC2.110466G | A | 0.09919 | 3952 |
| 9 chrC2.110491G | A | 0.4604 | 3994 |
| 9 chrC2.110542A | G | 0.05264 | 4008 |
| 9 chrC2.110575G | A | 0.2132 | 4000 |
| 9 chrB3.721379A | G | 0.496 | 3978 |
| 9 chrC2.110687A | G | 0.1254 | 3868 |
| 9 chrC2.110824A | G | 0.1288 | 4000 |
| 9 chrC2.110849A | C | 0.1018 | 3998 |
| 9 chrC2.110879A | G | 0.4424 | 3804 |
| 9 chrC2.110908A | G | 0.3432 | 3968 |
| 9 chrC2.110947C | A | 0.2594 | 3978 |
| 9 chrC2.110956G | A | 0.2161 | 4002 |
| 9 chrUn.215561C | A | 0.4002 | 3946 |
| 9 chrC2.111032G | A | 0.04316 | 4008 |
| 9 chrC2.111116A | G | 0.1907 | 4002 |
| 9 chrC2.111243A | G | 0.3331 | 3996 |
| 9 chrC2.111292C | A | 0.0793 | 4010 |
| 9 chrC2.111347G | A | 0.1676 | 3652 |
| 9 chrC2.111380G | A | 0.3044 | 3992 |
| 9 chrC2.111455G | A | 0.3337 | 4000 |
| 9 chrC2.111492A | G | 0.2312 | 3996 |
| 9 chrC2.111575A | G | 0.4827 | 3998 |
| 9 chrC2.111606A | G | 0.4597 | 3998 |
| 9 chrC2.111635G | A | 0.4652 | 3966 |
| 9 chrC2.111715A | G | 0.1902 | 4002 |
| 9 chrC2.111739A | G | 0.43 | 3888 |
| 9 chrC2.111787A | G | 0.2957 | 4004 |
| 9 chrC2.111829A | G | 0.3631 | 3996 |
| 9 chrC2.111852 | 0 A | 0 | 4010 |
| 9 chrC2.111853G | A | 0.1646 | 4004 |
| 9 chrC2.111946A | G | 0.2569 | 3998 |
| 9 chrC2.111998A | G | 0.2873 | 4010 |
| 9 chrC2.112031G | A | 0.127 | 4008 |

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| 9 chrC2.112075A | G | 0.04714 | 3840 |
| 9 chrC2.112168A | C | 0.2066 | 3994 |
| 9 chrC2.112214A | G | 0.2133 | 3952 |
| 9 chrC2.112255A | G | 0.3433 | 3912 |
| 9 chrC2.112288A | G | 0.16 | 3976 |
| 9 chrC2.112322G | A | 0.03749 | 3974 |
| 9 chrC2.112372A | G | 0.09935 | 4006 |
| 9 chrC2.112423A | G | 0.2757 | 3994 |
| 9 chrC2.112517A | G | 0.1662 | 3988 |
| 9 chrC2.112559A | G | 0.2073 | 3922 |
| 9 chrC2.112585G | A | 0.3865 | 4000 |
| 9 chrUn.476037G | A | 0.2166 | 3988 |
| 9 chrC2.112675A | G | 0.349 | 4000 |
| 9 chrC2.112707A | G | 0.1635 | 3944 |
| 9 chrC2.112738C | A | 0.1969 | 3930 |
| 9 chrUn.114477A | G | 0.474 | 3996 |
| 9 chrC2.112773A | C | 0.1417 | 3846 |
| 9 chrC2.112823C | A | 0.2376 | 3986 |
| 9 chrC2.112840A | G | 0.4546 | 4006 |
| 9 chrC2.112866A | G | 0.4501 | 3928 |
| 9 chrC2.112942A | G | 0.1147 | 3986 |
| 9 chrC2.112959A | G | 0.3131 | 3996 |
| 9 chrC2.112970G | A | 0.2578 | 3988 |
| 9 chrC2.113009C | A | 0.2202 | 3970 |
| 9 chrC2.113057G | A | 0.3514 | 4004 |
| 9 chrC2.113081G | A | 0.109 | 3990 |
| 9 chrC2.113106A | G | 0.341 | 3956 |
| 9 chrC2.113181A | G | 0.4135 | 4002 |
| 9 chrC2.113222G | A | 0.3567 | 3844 |
| 9 chrC2.113255G | A | 0.178 | 3860 |
| 9 chrC2.113305G | A | 0.08425 | 4000 |
| 9 chrC2.113386A | G | 0.1007 | 3974 |
| 9 chrC2.113444G | A | 0.1834 | 3784 |
| 9 chrC2.113487G | A | 0.3675 | 3984 |
| 9 chrC2.113518G | A | 0.215 | 4004 |
| 9 chrC2.113554A | G | 0.4888 | 3856 |
| 9 chrC2.113581G | A | 0.03618 | 4008 |
| 9 chrC2.113650G | A | 0.1474 | 3920 |
| 9 chrC2.113680A | G | 0.4448 | 4004 |
| 9 chrC2.113729C | A | 0.1697 | 3896 |
| 9 chrC2.113760G | A | 0.4361 | 3960 |

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| 9 chrC2.113808G | A | 0.1083 | 3988 |
| 9 chrC2.113875C | A | 0.115 | 3956 |
| 9 chrUn.578221A | G | 0.4464 | 3990 |
| 9 chrC2.113917G | A | 0.0007489 | 4006 |
| 9 chrC2.113961G | A | 0.4429 | 4008 |
| 9 chrC2.113989A | C | 0.3407 | 3980 |
| 9 chrUn.650801A | G | 0.3359 | 3992 |
| 9 chrC2.114044G | A | 0.4753 | 3966 |
| 9 chrC2.114103A | C | 0.405 | 4002 |
| 9 chrC2.114215G | A | 0.4499 | 3970 |
| 9 chrC2.114267G | A | 0.2568 | 3968 |
| 9 chrC2.114330A | G | 0.3057 | 4004 |
| 9 chrC2.114379G | A | 0.4118 | 4002 |
| 9 chrF2.278790C | A | 0.4148 | 3616 |
| 9 chrC2.114407G | A | 0.05233 | 3956 |
| 9 chrC2.114452C | A | 0.05008 | 3794 |
| 9 chrC2.114507G | A | 0.3752 | 3998 |
| 9 chrC2.114558G | A | 0.3421 | 3832 |
| 9 chrC2.114617A | G | 0.4075 | 3998 |
| 9 chrC2.114646A | G | 0.4137 | 3870 |
| 9 chrC2.114710A | G | 0.09726 | 4010 |
| 9 chrC2.114743A | G | 0.1355 | 4000 |
| 9 chrC2.114770A | G | 0.03198 | 4002 |
| 9 chrC2.114863A | C | 0.07617 | 4004 |
| 9 chrC2.114902A | G | 0.2486 | 3946 |
| 9 chrC2.114934A | G | 0.2527 | 4000 |
| 9 chrC2.114980G | A | 0.06437 | 4008 |
| 9 chrC2.115028A | C | 0.02221 | 4008 |
| 9 chrC2.115103A | C | 0.2392 | 3996 |
| 9 chrC2.115141A | C | 0.08474 | 3906 |
| 9 chrC2.115233A | G | 0.06974 | 3814 |
| 9 chrC2.115315A | G | 0.2495 | 4000 |
| 9 chrC2.115325G | A | 0.08925 | 3832 |
| 9 chrC2.115389C | G | 0.3349 | 3980 |
| 9 chrC2.115422A | G | 0.3705 | 3978 |
| 9 chrC2.115474A | C | 0.04384 | 3650 |
| 9 chrC2.115552G | A | 0.3698 | 4002 |
| 9 chrC2.115587G | A | 0.317 | 3890 |
| 9 chrC2.115623A | G | 0.2754 | 4002 |
| 9 chrUn.128399G | A | 0.04441 | 4008 |
| 9 chrC2.115717G | A | 0.1391 | 3976 |

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| 9 chrC2.11575G | A | 0.08291 | 3896 |
| 9 chrC2.11579A | G | 0.2689 | 4002 |
| 9 chrC2.11584A | C | 0.3474 | 4004 |
| 9 chrC2.11587A | C | 0.4803 | 3864 |
| 9 chrC2.11594G | A | 0.1653 | 3950 |
| 9 chrC2.11597A | G | 0.1895 | 3906 |
| 9 chrC2.11600G | A | 0.4356 | 4008 |
| 9 chrC2.11603C | A | 0.1152 | 4000 |
| 9 chrC2.11608A | G | 0.2659 | 3934 |
| 9 chrC2.11610A | G | 0.3765 | 3854 |
| 9 chrC2.11616A | G | 0.1527 | 3988 |
| 9 chrC2.11621C | A | 0.09865 | 4004 |
| 9 chrC2.11626A | G | 0.2195 | 3708 |
| 9 chrC2.11629G | A | 0.1217 | 3632 |
| 9 chrC2.11638A | C | 0.1636 | 3972 |
| 9 chrC2.11639G | A | 0.2935 | 3990 |
| 9 chrC2.11649A | G | 0.3809 | 4004 |
| 9 chrC2.11655A | G | 0.4133 | 3966 |
| 9 chrC2.11657G | A | 0.1103 | 3990 |
| 9 chrC2.11662G | A | 0.1564 | 3946 |
| 9 chrC2.11666G | A | 0.02842 | 3800 |
| 9 chrC2.11671G | A | 0.306 | 3994 |
| 9 chrC2.11676G | A | 0.3416 | 4002 |
| 9 chrC2.11680A | G | 0.2138 | 3994 |
| 9 chrC2.11685G | A | 0.1441 | 3970 |
| 9 chrC2.11692A | G | 0.3277 | 3940 |
| 9 chrC2.11696C | A | 0.3582 | 3992 |
| 9 chrC2.11699A | G | 0.2237 | 3778 |
| 9 chrUn.47342A | C | 0.2932 | 3816 |
| 9 chrC2.11702G | A | 0.09033 | 3952 |
| 9 chrC2.11706G | A | 0.3098 | 4006 |
| 9 chrC2.11715A | G | 0.4992 | 3812 |
| 9 chrC2.11721G | A | 0.1403 | 4006 |
| 9 chrC2.11725C | A | 0.2687 | 3948 |
| 9 chrC2.11725G | 0 G | 0 | 4010 |
| 9 chrC2.11727A | G | 0.04185 | 3990 |
| 9 chrC2.11734C | A | 0.09919 | 3952 |
| 9 chrC2.11739A | G | 0.05008 | 3774 |
| 9 chrC2.11745G | A | 0.4884 | 3980 |
| 9 chrC2.11749G | A | 0.03785 | 3884 |
| 9 chrC2.11752A | G | 0.1087 | 3964 |

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| 9 chrC2.117571A | G | 0.3129 | 4008 |
| 9 chrC2.117597A | C | 0.4818 | 4000 |
| 9 chrC2.117625A | C | 0.3854 | 4004 |
| 9 chrC2.117715G | A | 0.1184 | 3996 |
| 9 chrC2.117755G | A | 0.004115 | 3888 |
| 9 chrC2.117785A | G | 0.4054 | 3966 |
| 9 chrC2.117825A | G | 0.2086 | 3994 |
| 9 chrC2.117875A | G | 0.09793 | 3768 |
| 9 chrC2.117885A | G | 0.1133 | 3998 |
| 9 chrC2.117925A | G | 0.3577 | 3914 |
| 9 chrC2.117987G | A | 0.2025 | 3936 |
| 9 chrC2.118025A | G | 0.3473 | 3974 |
| 9 chrC2.118065A | G | 0.1391 | 3998 |
| 9 chrC2.118091A | G | 0.08208 | 3996 |
| 9 chrC2.118094G | A | 0.1066 | 3940 |
| 9 chrC2.118135A | G | 0.1058 | 3980 |
| 9 chrC2.118185G | A | 0.1463 | 3958 |
| 9 chrC2.118224A | G | 0.1314 | 4004 |
| 9 chrC2.118245A | G | 0.3203 | 4002 |
| 9 chrC2.118310G | A | 0.3261 | 3986 |
| 9 chrC2.118365A | G | 0.086 | 4000 |
| 9 chrC2.118397A | G | 0.04416 | 4008 |
| 9 chrC2.118422A | G | 0.4548 | 4002 |
| 9 chrC2.118464A | G | 0.3195 | 3856 |
| 9 chrC2.118504A | G | 0.3253 | 3956 |
| 9 chrC2.118534G | A | 0.4652 | 3990 |
| 9 chrC2.118572A | C | 0.07435 | 3712 |
| 9 chrC2.118635C | A | 0.4435 | 4000 |
| 9 chrC2.118660C | A | 0.3984 | 3986 |
| 9 chrC2.118684A | C | 0.04328 | 3974 |
| 9 chrC2.118737A | C | 0.3624 | 3998 |
| 9 chrE2.533525A | G | 0.2275 | 4000 |
| 9 chrE2.533835G | A | 0.1084 | 3996 |
| 9 chrC2.118785G | A | 0.3371 | 4008 |
| 9 chrC2.118824A | G | 0.2514 | 3986 |
| 9 chrC2.118902A | G | 0.01883 | 3770 |
| 9 chrC2.118934G | A | 0.0755 | 4000 |
| 9 chrC2.118982A | G | 0.2776 | 4006 |
| 9 chrC2.119045C | A | 0.2544 | 3832 |
| 9 chrC2.119107A | G | 0.4614 | 3992 |
| 9 chrC2.119152A | G | 0.2471 | 3978 |

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| 9 chrC2.119234C | A | 0.4109 | 3994 |
| 9 chrC2.119264A | C | 0.2608 | 3988 |
| 9 chrC2.119291A | G | 0.3103 | 3928 |
| 9 chrC2.119337A | G | 0.4574 | 3916 |
| 9 chrC2.119367C | A | 0.1116 | 3898 |
| 9 chrC2.119409A | C | 0.1903 | 3998 |
| 9 chrC2.119437G | A | 0.3634 | 3982 |
| 9 chrC2.119470G | A | 0.4664 | 3986 |
| 9 chrC2.119542A | G | 0.395 | 4000 |
| 9 chrC2.119566A | G | 0.1365 | 3950 |
| 9 chrC2.119623A | G | 0.02146 | 4008 |
| 9 chrC2.119674A | G | 0.3149 | 3986 |
| 9 chrC2.119752G | A | 0.2927 | 3994 |
| 9 chrC2.119754A | C | 0.000998 | 4008 |
| 9 chrC2.119784A | C | 0.4033 | 3960 |
| 9 chrC2.119831G | A | 0.07514 | 4006 |
| 9 chrC2.119908G | A | 0.1772 | 4002 |
| 9 chrC2.119938A | C | 0.09211 | 4006 |
| 9 chrC2.120081A | C | 0.1277 | 3908 |
| 9 chrC2.120158A | G | 0.422 | 3988 |
| 9 chrC2.120201G | A | 0.1737 | 3996 |
| 9 chrC2.120240G | A | 0.317 | 4006 |
| 9 chrC2.120265A | G | 0.3761 | 3972 |
| 9 chrC2.120302A | G | 0.1953 | 4004 |
| 9 chrC2.120369A | G | 0.2901 | 3988 |
| 9 chrC2.120416G | A | 0.2865 | 4004 |
| 9 chrC2.120417A | G | 0.4632 | 3990 |
| 9 chrC2.120499A | G | 0.07978 | 3848 |
| 9 chrC2.120623A | G | 0.2802 | 4004 |
| 9 chrC2.120648G | A | 0.397 | 4000 |
| 9 chrC2.120717A | G | 0.1678 | 4010 |
| 9 chrC2.120761G | A | 0.4937 | 3962 |
| 9 chrC2.120807A | G | 0.1936 | 3998 |
| 9 chrC2.120852G | A | 0.1914 | 4008 |
| 9 chrC2.120915G | A | 0.2056 | 4008 |
| 9 chrC2.120994A | G | 0.1471 | 3984 |
| 9 chrUn.301734A | G | 0.2615 | 3996 |
| 9 chrC2.121065G | A | 0.1623 | 3992 |
| 9 chrC2.121080G | A | 0.001502 | 3994 |
| 9 chrC2.121106A | G | 0.3638 | 4002 |
| 9 chrC2.121154G | A | 0.4664 | 3992 |

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| 9 chrC2.121215A | G | 0.4214 | 4008 |
| 9 chrC2.121248G | A | 0.1923 | 4000 |
| 9 chrC2.121411A | G | 0.2501 | 3942 |
| 9 chrC2.121462G | A | 0.432 | 3986 |
| 9 chrC2.121495G | A | 0.2484 | 3994 |
| 9 chrC2.121541G | A | 0.35 | 4000 |
| 9 chrC2.121578G | A | 0.2991 | 3958 |
| 9 chrC2.121655G | A | 0.2113 | 4004 |
| 9 chrC2.121689G | A | 0.3855 | 3958 |
| 9 chrC2.121715G | A | 0.4152 | 4010 |
| 9 chrC2.121746G | A | 0.002494 | 4010 |
| 9 chrC2.121771G | A | 0.01399 | 4002 |
| 9 chrC2.121796A | G | 0.3435 | 3982 |
| 9 chrC2.121814A | G | 0.3843 | 3914 |
| 9 chrC2.121835A | G | 0.3896 | 3932 |
| 9 chrUn34.9237A | C | 0.1215 | 3834 |
| 9 chrUn23.2417G | A | 0.4982 | 3870 |
| 9 chrUn23.2386A | G | 0.02045 | 4010 |
| 9 chrUn23.2306G | A | 0.3635 | 4000 |
| 9 chrUn23.2248G | A | 0.3862 | 3988 |
| 9 chrUn23.2189C | A | 0.2082 | 3986 |
| 9 chrUn23.2137A | G | 0.3659 | 4004 |
| 9 chrUn23.2077A | G | 0.2091 | 3998 |
| 9 chrUn23.2019A | G | 0.2323 | 3930 |
| 9 chrUn23.1937A | G | 0.4827 | 3934 |
| 9 chrUn23.1886G | A | 0.491 | 3780 |
| 9 chrUn23.1877G | A | 0.4674 | 3992 |
| 9 chrUn23.1827G | A | 0.2988 | 4006 |
| 9 chrUn23.1798A | G | 0.003553 | 3940 |
| 9 chrUn23.1768A | G | 0.363 | 3920 |
| 9 chrUn23.1717G | A | 0.2648 | 3946 |
| 9 chrC2.121949A | G | 0.322 | 3960 |
| 9 chrC2.122060A | G | 0.2975 | 4000 |
| 9 chrC2.122131C | A | 0.3041 | 4002 |
| 9 chrC2.122226A | G | 0.1129 | 4002 |
| 9 chrC2.122304G | A | 0.4613 | 4002 |
| 9 chrC2.122346A | G | 0.08057 | 3984 |
| 9 chrC2.122501C | A | 0.1541 | 3822 |
| 9 chrC2.122578A | G | 0.1278 | 3998 |
| 9 chrC2.122763A | G | 0.08467 | 4004 |
| 9 chrC2.122800G | A | 0.08475 | 4000 |

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| 9 chrC2.122827A | G | 0.325 | 3988 |
| 9 chrC2.123031A | G | 0.3686 | 4002 |
| 9 chrC2.123055G | A | 0.07189 | 3992 |
| 9 chrC2.123157G | A | 0.2299 | 3936 |
| 9 chrC2.123228A | G | 0.4982 | 3992 |
| 9 chrC2.123289C | A | 0.1718 | 3958 |
| 9 chrC2.123371A | C | 0.3566 | 3990 |
| 9 chrC2.123400A | C | 0.09551 | 3738 |
| 9 chrC2.123455A | G | 0.2423 | 3982 |
| 9 chrC2.123459G | A | 0.2608 | 3980 |
| 9 chrC2.123527C | A | 0.2373 | 3986 |
| 9 chrC2.123560A | C | 0.188 | 3990 |
| 9 chrC2.123597G | A | 0.1523 | 4004 |
| 9 chrC2.123677A | C | 0.2165 | 3986 |
| 9 chrC2.123732A | G | 0.3332 | 3964 |
| 9 chrUn.307220C | A | 0.3852 | 4006 |
| 9 chrC2.123765A | C | 0.2585 | 4004 |
| 9 chrC2.123796G | A | 0.028 | 4000 |
| 9 chrC2.123824A | G | 0.09932 | 3826 |
| 9 chrC2.123838C | A | 0.3372 | 3998 |
| 9 chrC2.123859A | G | 0.2273 | 3916 |
| 9 chrC2.123904G | A | 0.17 | 3970 |
| 9 chrC2.123969A | G | 0.1678 | 3988 |
| 9 chrC2.124013A | G | 0.4428 | 4002 |
| 9 chrC2.124044A | G | 0.3217 | 3994 |
| 9 chrUn.195650G | A | 0.453 | 3916 |
| 9 chrC2.124117C | A | 0.1043 | 3978 |
| 9 chrC2.124187G | A | 0.1175 | 4000 |
| 9 chrC2.124271A | G | 0.2976 | 3988 |
| 9 chrC2.124314A | G | 0.2607 | 3978 |
| 9 chrC2.124380G | A | 0.3155 | 3990 |
| 9 chrC2.124437A | G | 0.4622 | 3998 |
| 9 chrC2.124521A | G | 0.1461 | 3866 |
| 9 chrC2.124565A | G | 0.2402 | 3934 |
| 9 chrC2.124657A | G | 0.0439 | 3964 |
| 9 chrC2.124719G | A | 0.183 | 3994 |
| 9 chrC2.124772G | A | 0.457 | 3996 |
| 9 chrC2.124804G | A | 0.1131 | 3980 |
| 9 chrC2.124833A | G | 0.3458 | 4002 |
| 9 chrC2.124889G | A | 0.2129 | 4002 |
| 9 chrC2.124971A | G | 0.3486 | 3962 |

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| 9 chrC2.124996A | C | 0.3136 | 3960 |
| 9 chrC2.125023A | G | 0.2917 | 3994 |
| 9 chrC2.125049A | G | 0.2789 | 4008 |
| 9 chrC2.125058G | A | 0.2858 | 4000 |
| 9 chrC2.125091C | A | 0.2972 | 4008 |
| 9 chrC2.125117G | A | 0.1293 | 4000 |
| 9 chrC2.125191A | G | 0.2841 | 3988 |
| 9 chrC2.125223A | G | 0.2578 | 3996 |
| 9 chrC2.125260A | G | 0.007 | 4000 |
| 9 chrC2.125287A | G | 0.3569 | 3998 |
| 9 chrC2.125330 | 0 G | 0 | 4010 |
| 9 chrUn.661401A | G | 0.05775 | 4000 |
| 9 chrC2.125411G | A | 0.291 | 3980 |
| 9 chrC2.125457G | A | 0.411 | 3998 |
| 9 chrC2.125521A | G | 0.066 | 4000 |
| 9 chrC2.125577G | A | 0.2848 | 3996 |
| 9 chrC2.125759A | G | 0.1546 | 3966 |
| 9 chrC2.125784A | G | 0.1783 | 3988 |
| 9 chrC2.125812G | A | 0.4998 | 4004 |
| 9 chrC2.125863A | G | 0.1867 | 4000 |
| 9 chrC2.125926G | A | 0.3124 | 4004 |
| 9 chrC2.125976G | A | 0.007232 | 4010 |
| 9 chrUn.780691A | G | 0.09315 | 3940 |
| 9 chrC2.126003G | A | 0.4917 | 3998 |
| 9 chrC2.126063A | G | 0.1019 | 3836 |
| 9 chrC2.126208C | A | 0.2915 | 4000 |
| 9 chrC2.126263G | A | 0.0902 | 4002 |
| 9 chrC2.126286G | A | 0.09428 | 3808 |
| 9 chrC2.126310G | A | 0.07983 | 3996 |
| 9 chrC2.126356G | A | 0.3753 | 3954 |
| 9 chrC2.126381G | A | 0.1756 | 3992 |
| 9 chrC2.126423A | G | 0.3653 | 3986 |
| 9 chrC2.126457A | G | 0.2611 | 4002 |
| 9 chrC2.126574G | A | 0.409 | 4002 |
| 9 chrC2.126723A | G | 0.1385 | 3986 |
| 9 chrC2.126758G | A | 0.2954 | 3866 |
| 9 chrC2.126779G | A | 0.1532 | 4002 |
| 9 chrC2.126802A | G | 0.4099 | 3996 |
| 9 chrC2.126848G | A | 0.3706 | 3886 |
| 9 chrC2.126882C | A | 0.2497 | 3988 |
| 9 chrC2.126933G | A | 0.2489 | 3994 |

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| 9 chrC2.126976C | A | 0.01075 | 3908 |
| 9 chrC2.126976A | G | 0.3617 | 3998 |
| 9 chrC2.127077A | G | 0.3065 | 3948 |
| 9 chrC2.127104G | A | 0.1133 | 4006 |
| 9 chrC2.127136C | A | 0.254 | 4000 |
| 9 chrC2.127187G | A | 0.4355 | 4002 |
| 9 chrC2.127285G | A | 0.139 | 3994 |
| 9 chrC2.127312G | A | 0.1548 | 4006 |
| 9 chrC2.127384A | G | 0.424 | 3958 |
| 9 chrC2.127423G | A | 0.4235 | 3962 |
| 9 chrC2.127438G | A | 0.04341 | 4008 |
| 9 chrC2.127514C | A | 0.2593 | 3968 |
| 9 chrC2.127607A | G | 0.4081 | 4004 |
| 9 chrC2.127654G | A | 0.4281 | 4006 |
| 9 chrC2.127694A | G | 0.3807 | 3990 |
| 9 chrC2.127745G | A | 0.184 | 3886 |
| 9 chrC2.127773G | A | 0.02558 | 3948 |
| 9 chrC2.127835G | A | 0.02244 | 4010 |
| 9 chrC2.127933A | G | 0.0542 | 4004 |
| 9 chrC2.128022G | A | 0.2121 | 3984 |
| 9 chrC2.128075C | A | 0.472 | 4004 |
| 9 chrC2.128107A | G | 0.06562 | 4008 |
| 9 chrC2.128142A | G | 0.05067 | 4006 |
| 9 chrC2.128279C | A | 0.1994 | 3872 |
| 9 chrC2.128310C | A | 0.1179 | 4002 |
| 9 chrC2.128361G | A | 0.1316 | 4004 |
| 9 chrC2.128417C | A | 0.002994 | 4008 |
| 9 chrC2.128458A | C | 0.1059 | 4004 |
| 9 chrC2.128494G | A | 0.1229 | 3996 |
| 9 chrC2.128552G | A | 0.1321 | 3966 |
| 9 chrC2.128581A | G | 0.1515 | 4006 |
| 9 chrC2.128608C | A | 0.08112 | 3908 |
| 9 chrC2.128663C | A | 0.1825 | 3994 |
| 9 chrC2.128742G | A | 0.3267 | 3994 |
| 9 chrC2.128777G | A | 0.2464 | 4006 |
| 9 chrC2.128816G | A | 0.3705 | 3906 |
| 9 chrC2.128873A | G | 0.1523 | 3998 |
| 9 chrC2.128919A | C | 0.2605 | 3970 |
| 9 chrC2.129005G | A | 0.08171 | 4002 |
| 9 chrC2.129035G | A | 0.139 | 3834 |
| 9 chrC2.129106A | G | 0.2873 | 4006 |

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| 9 chrC2.129168G | A | 0.1584 | 4002 |
| 9 chrC2.129208C | A | 0.1856 | 3988 |
| 9 chrUn.155677C | A | 0.2341 | 3998 |
| 9 chrC2.129062G | A | 0.4423 | 3954 |
| 9 chrC2.129136G | A | 0.3268 | 4006 |
| 9 chrC2.129233A | G | 0.2592 | 4000 |
| 9 chrC2.129260A | G | 0.1526 | 3998 |
| 9 chrC2.129300G | A | 0.2429 | 3990 |
| 9 chrC2.129327A | C | 0.1714 | 3974 |
| 9 chrC2.129381A | G | 0.226 | 3986 |
| 9 chrC2.129412G | A | 0.2988 | 4006 |
| 9 chrC2.129497G | A | 0.301 | 4006 |
| 9 chrC2.129541C | A | 0.4049 | 3942 |
| 9 chrC2.129581A | G | 0.2201 | 4008 |
| 9 chrC2.129612G | A | 0.1673 | 3970 |
| 9 chrC2.129648G | A | 0.3704 | 3988 |
| 9 chrC2.129669A | G | 0.05753 | 3998 |
| 9 chrC2.129696G | A | 0.2544 | 3994 |
| 9 chrUn.653407G | A | 0.03398 | 4002 |
| 9 chrC2.129770G | A | 0.1439 | 3668 |
| 9 chrC2.129823A | G | 0.008246 | 4002 |
| 9 chrC2.129822A | C | 0.005028 | 3978 |
| 9 chrC2.129898G | A | 0.3265 | 3994 |
| 9 chrC2.129937C | A | 0.04274 | 3978 |
| 9 chrC2.129974G | A | 0.3743 | 3986 |
| 9 chrC2.129999A | G | 0.01299 | 4002 |
| 9 chrC2.130024G | A | 0.3917 | 3980 |
| 9 chrC2.130072A | C | 0.05694 | 4004 |
| 9 chrC2.130135G | A | 0.3703 | 3972 |
| 9 chrC2.130193G | A | 0.03596 | 4004 |
| 9 chrC2.130220A | G | 0.257 | 4004 |
| 9 chrC2.130253G | A | 0.2355 | 4004 |
| 9 chrC2.130312C | A | 0.4143 | 3980 |
| 9 chrC2.130351G | A | 0.493 | 3998 |
| 9 chrC2.130398G | A | 0.185 | 3994 |
| 9 chrC2.130444A | G | 0.3816 | 4002 |
| 9 chrC2.130458A | G | 0.01508 | 3980 |
| 9 chrC2.130506A | G | 0.04642 | 3964 |
| 9 chrC2.130524G | A | 0.4872 | 3976 |
| 9 chrC2.130554A | G | 0.1799 | 4002 |
| 9 chrC2.130644G | A | 0.2994 | 3978 |

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| 9 chrC2.130668A | G | 0.2925 | 3884 |
| 9 chrC2.130714G | A | 0.03646 | 4004 |
| 9 chrC2.130750A | C | 0.2835 | 4010 |
| 9 chrC2.130776A | G | 0.1449 | 4004 |
| 9 chrC2.130810C | A | 0.1644 | 4008 |
| 9 chrC2.130844A | G | 0.03219 | 4008 |
| 9 chrC2.130883G | A | 0.04496 | 4004 |
| 9 chrC2.130908G | A | 0.457 | 3998 |
| 9 chrC2.130934A | G | 0.2812 | 4004 |
| 9 chrC2.130994G | A | 0.2746 | 3998 |
| 9 chrC2.131083A | G | 0.067 | 4000 |
| 9 chrA2.223501G | A | 0.1706 | 3998 |
| 9 chrA2.223325A | C | 0.1107 | 3948 |
| 9 chrC2.131178A | G | 0.09621 | 3960 |
| 9 chrC2.631492A | C | 0.4231 | 4004 |
| 9 chrC2.630763G | A | 0.196 | 3964 |
| 9 chrC2.630169G | A | 0.04334 | 3992 |
| 9 chrC2.629699A | G | 0.2735 | 4004 |
| 9 chrC2.629342A | C | 0.2308 | 3990 |
| 9 chrC2.628855C | A | 0.01203 | 3906 |
| 9 chrC2.628556A | G | 0.1941 | 4004 |
| 9 chrC2.628318G | A | 0.1361 | 4004 |
| 9 chrC2.627807G | A | 0.2122 | 4000 |
| 9 chrC2.627406G | A | 0.2952 | 4004 |
| 9 chrC2.626897A | G | 0.1492 | 4008 |
| 9 chrC2.626510G | A | 0.4235 | 4000 |
| 9 chrC2.625734A | G | 0.1913 | 3984 |
| 9 chrC2.625191A | G | 0.0175 | 4000 |
| 9 chrC2.624502G | A | 0.1134 | 3906 |
| 9 chrC2.624180A | G | 0.1843 | 3944 |
| 9 chrC2.623864G | A | 0.148 | 3992 |
| 9 chrC2.622735C | A | 0.3354 | 4004 |
| 9 chrC2.622158A | G | 0.1456 | 3964 |
| 9 chrC2.621585A | G | 0.04247 | 3932 |
| 9 chrC2.621550A | G | 0.4531 | 3962 |
| 9 chrC2.621259C | A | 0.2604 | 3998 |
| 9 chrC2.620935A | G | 0.3853 | 3976 |
| 9 chrC2.620559A | C | 0.1612 | 3982 |
| 9 chrC2.619945A | C | 0.491 | 3990 |
| 9 chrC2.619531A | G | 0.1023 | 4006 |
| 9 chrC2.619175G | A | 0.1942 | 4002 |

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| 9 chrC2.618882G | A | 0.1817 | 4000 |
| 9 chrC2.618454A | G | 0.1183 | 4006 |
| 9 chrC2.617967G | A | 0.07389 | 4006 |
| 9 chrC2.617644G | A | 0.2622 | 4008 |
| 9 chrC2.617156G | A | 0.2779 | 4002 |
| 9 chrC2.616426G | A | 0.2074 | 4002 |
| 9 chrC2.616184G | A | 0.3866 | 3958 |
| 9 chrC2.615778A | C | 0.4277 | 3956 |
| 9 chrC2.615369C | A | 0.2188 | 4008 |
| 9 chrC2.615068A | G | 0.2145 | 3982 |
| 9 chrC2.614750G | A | 0.1649 | 4008 |
| 9 chrC2.614134A | G | 0.1342 | 3912 |
| 9 chrC2.613886G | A | 0.3302 | 3952 |
| 9 chrC2.613573G | A | 0.1342 | 4000 |
| 9 chrC2.612908A | G | 0.3358 | 3970 |
| 9 chrC2.612203G | A | 0.1242 | 3944 |
| 9 chrC2.611850G | A | 0.3332 | 3998 |
| 9 chrC2.611607G | A | 0.4908 | 4000 |
| 9 chrC2.611253G | A | 0.4474 | 3976 |
| 9 chrC2.610697G | A | 0.2089 | 3998 |
| 9 chrC2.610298A | G | 0.4206 | 3992 |
| 9 chrC2.609799A | C | 0.493 | 3982 |
| 9 chrC2.609477G | A | 0.0497 | 4004 |
| 9 chrC2.609134A | G | 0.0991 | 4006 |
| 9 chrC2.608505A | G | 0.1993 | 4004 |
| 9 chrC2.608275G | A | 0.2781 | 3984 |
| 9 chrC2.608054A | G | 0.4048 | 3992 |
| 9 chrC2.607686A | G | 0.02693 | 4010 |
| 9 chrC2.607326G | A | 0.1273 | 3982 |
| 9 chrC2.607285A | G | 0.3182 | 3988 |
| 9 chrC2.606880A | G | 0.07107 | 4010 |
| 9 chrC2.606525G | A | 0.007984 | 4008 |
| 9 chrC2.606184G | A | 0.06843 | 4004 |
| 9 chrUn.344129A | G | 0.2662 | 3990 |
| 9 chrC2.605246G | A | 0.1732 | 3978 |
| 9 chrC2.604734A | G | 0.2089 | 3992 |
| 9 chrC2.603299A | G | 0.2797 | 4000 |
| 9 chrC2.603014A | G | 0.1339 | 3988 |
| 9 chrC2.601800A | G | 0.07318 | 4004 |
| 9 chrC2.601516A | G | 0.2422 | 4000 |
| 9 chrC2.601141A | G | 0.1336 | 4004 |

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| 9 chrC2.600351G | A | 0.2986 | 3992 |
| 9 chrC2.599989A | G | 0.1563 | 3974 |
| 9 chrC2.599523A | G | 0.247 | 3846 |
| 9 chrC2.599024A | G | 0.2408 | 4004 |
| 9 chrC2.598152G | A | 0.2382 | 4000 |
| 9 chrC2.597330A | G | 0.4815 | 4000 |
| 9 chrC2.597237G | A | 0.1628 | 3962 |
| 9 chrC2.596797C | A | 0.302 | 3904 |
| 9 chrC2.596007 | 0 A | 0 | 4010 |
| 9 chrC2.595819G | A | 0.4586 | 4006 |
| 9 chrD1.153900C | A | 0.2794 | 3966 |
| 9 chrC2.595225G | A | 0.4839 | 3916 |
| 9 chrC2.594931A | G | 0.1808 | 3998 |
| 9 chrC2.594533G | A | 0.0975 | 4000 |
| 9 chrC2.594243A | G | 0.3636 | 3922 |
| 9 chrC2.594239 | 0 A | 0 | 4008 |
| 9 chrC2.593993A | C | 0.1132 | 3772 |
| 9 chrC2.593622A | G | 0.08834 | 3996 |
| 9 chrC2.593300A | C | 0.2783 | 4006 |
| 9 chrC2.592553A | C | 0.4397 | 4010 |
| 9 chrC2.592314G | A | 0.4852 | 3982 |
| 9 chrC2.592032A | G | 0.01126 | 3906 |
| 9 chrC2.591721A | G | 0.4822 | 3984 |
| 9 chrC2.591347A | G | 0.1115 | 3866 |
| 9 chrC2.590222A | G | 0.1852 | 4002 |
| 9 chrC2.589717A | G | 0.24 | 3988 |
| 9 chrC2.589149A | G | 0.1006 | 4004 |
| 9 chrC2.588907G | A | 0.3735 | 3954 |
| 9 chrC2.587955C | A | 0.07611 | 3994 |
| 9 chrC2.587457A | G | 0.2185 | 3996 |
| 9 chrC2.586996A | C | 0.08944 | 3902 |
| 9 chrC2.586738G | A | 0.1223 | 4006 |
| 9 chrC2.586081G | A | 0.1287 | 4010 |
| 9 chrC2.585508A | G | 0.1301 | 3996 |
| 9 chrC2.585036A | G | 0.1103 | 3800 |
| 9 chrC2.583997C | A | 0.291 | 3986 |
| 9 chrC2.583373A | G | 0.3408 | 3882 |
| 9 chrC2.583135C | A | 0.3788 | 3928 |
| 9 chrUn.768954G | A | 0.1139 | 3994 |
| 9 chrC2.582123A | G | 0.4412 | 3912 |
| 9 chrC2.581782G | A | 0.1121 | 3996 |

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| 9 chrC2.580989A | G | 0.1111 | 3980 |
| 9 chrC2.580676G | A | 0.4011 | 3962 |
| 9 chrC2.580412G | A | 0.05311 | 3634 |
| 9 chrC2.580114A | G | 0.2881 | 4006 |
| 9 chrC2.579658A | G | 0.01479 | 3990 |
| 9 chrC2.579277A | G | 0.4231 | 4004 |
| 9 chrC2.578817C | A | 0.132 | 3970 |
| 9 chrC2.578483G | A | 0.2411 | 3990 |
| 9 chrC2.578067A | C | 0.1047 | 3906 |
| 9 chrC2.577820A | G | 0.1231 | 3998 |
| 9 chrC2.577510G | A | 0.09752 | 3958 |
| 9 chrC2.577085G | A | 0.09234 | 3996 |
| 9 chrC2.576926A | G | 0.07585 | 4008 |
| 9 chrC2.576555A | G | 0.3677 | 3992 |
| 9 chrC2.576317A | G | 0.2402 | 3996 |
| 9 chrC2.575938A | G | 0.2453 | 3864 |
| 9 chrB4.158476G | A | 0.3053 | 3930 |
| 9 chrC2.575481C | A | 0.1429 | 4002 |
| 9 chrC2.575030C | A | 0.3404 | 3990 |
| 9 chrUn.492187G | A | 0.03796 | 3872 |
| 9 chrC2.574500C | A | 0.423 | 3976 |
| 9 chrC2.574230A | G | 0.1273 | 3920 |
| 9 chrC2.573834A | G | 0.1634 | 4002 |
| 9 chrC2.573335G | A | 0.3891 | 4004 |
| 9 chrC2.573038A | G | 0.009249 | 3784 |
| 9 chrE1.508049G | A | 0.1595 | 4000 |
| 9 chrE1.508311G | A | 0.003491 | 4010 |
| 9 chrC2.572598G | A | 0.3688 | 4002 |
| 9 chrUn23.1687G | A | 0.2683 | 4006 |
| 9 chrE1.509019A | C | 0.4572 | 3998 |
| 9 chrE1.509699A | G | 0.09526 | 4010 |
| 9 chrE1.511216A | G | 0.3088 | 3990 |
| 9 chrE1.511625C | A | 0.03108 | 3764 |
| 9 chrE1.513341A | G | 0.02244 | 4010 |
| 9 chrE1.513609A | G | 0.02095 | 4010 |
| 9 chrE1.513935A | G | 0.2504 | 4002 |
| 9 chrE1.514690G | A | 0.4497 | 3998 |
| 9 chrE1.517812A | G | 0.1356 | 3960 |
| 9 chrE1.518604A | G | 0.2476 | 3974 |
| 9 chrUn23.1637G | A | 0.1077 | 3984 |
| 9 chrE1.519376A | C | 0.2669 | 3998 |

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| 9 chrUn23.160 | A | G | 0.3866 | 4002 |
| 9 chrUn23.150 | A | G | 0.06117 | 3956 |
| 9 chrUn23.146 | C | A | 0.4485 | 4002 |
| 9 chrUn23.145 | T | 0 A | 0 | 4010 |
| 9 chrUn23.144 | G | A | 0.3531 | 4002 |
| 9 chrUn23.140 | A | C | 0.4685 | 3994 |
| 9 chrUn23.133 | A | G | 0.278 | 4000 |
| 9 chrUn.23987 | G | A | 0.4306 | 4008 |
| 9 chrUn23.129 | C | A | 0.02818 | 4010 |
| 9 chrUn23.124 | G | A | 0.2836 | 3998 |
| 9 chrUn23.121 | G | A | 0.139 | 4000 |
| 9 chrUn23.114 | A | G | 0.3198 | 3980 |
| 9 chrUn23.108 | A | G | 0.1023 | 3794 |
| 9 chrUn23.103 | G | A | 0.2226 | 3998 |
| 9 chrUn23.100 | A | G | 0.1984 | 4002 |
| 9 chrUn23.909 | A | C | 0.2066 | 4008 |
| 9 chrUn23.872 | G | A | 0.1214 | 4004 |
| 9 chrUn23.827 | G | A | 0.07696 | 4002 |
| 9 chrUn23.796 | G | A | 0.08209 | 4008 |
| 9 chrUn23.780 | G | A | 0.1657 | 3898 |
| 9 chrUn23.759 | G | A | 0.2265 | 4004 |
| 9 chrUn23.722 | C | A | 0.2305 | 3952 |
| 9 chrUn23.688 | G | A | 0.06803 | 3998 |
| 9 chrUn23.659 | G | A | 0.05517 | 4006 |
| 9 chrUn23.611 | A | G | 0.2152 | 3968 |
| 9 chrUn23.576 | A | C | 0.1942 | 3996 |
| 9 chrUn23.549 | A | G | 0.3168 | 3996 |
| 9 chrUn23.496 | A | G | 0.1318 | 3800 |
| 9 chrUn23.446 | A | G | 0.05714 | 4008 |
| 9 chrUn23.359 | G | A | 0.05373 | 3890 |
| 9 chrA1.20072 | C | A | 0.1599 | 3952 |
| 9 chrUn23.335 | A | C | 0.2859 | 3798 |
| 9 chrUn23.269 | G | A | 0.1017 | 4000 |
| 9 chrC2.13126 | G | A | 0.07787 | 3994 |
| 9 chrC2.13130 | E A | G | 0.00675 | 4000 |
| 9 chrC2.13130 | G | A | 0.4103 | 4000 |
| 9 chrC2.13138 | G | A | 0.1173 | 4008 |
| 9 chrD1.87318 | G | A | 0.1961 | 3886 |
| 9 chrC2.13145 | G | A | 0.2129 | 4002 |
| 9 chrC2.13150 | E A | G | 0.1343 | 3998 |
| 9 chrC2.13153 | A | G | 0.2401 | 4006 |

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| 9 chrC2.131565A | G | 0.463 | 4004 |
| 9 chrC2.131584A | G | 0.2503 | 3844 |
| 9 chrC2.131608C | A | 0.3518 | 4002 |
| 9 chrC2.131639A | G | 0.2185 | 3922 |
| 9 chrC2.131684G | A | 0.4429 | 3994 |
| 9 chrC2.131723A | C | 0.3698 | 4002 |
| 9 chrC2.131760A | G | 0.2575 | 4004 |
| 9 chrC2.131787G | A | 0.3105 | 3990 |
| 9 chrC2.131856C | A | 0.01347 | 4008 |
| 9 chrUn.464051G | A | 0.3853 | 3976 |
| 9 RASA.222 | 0 A | 0 | 4010 |
| 9 RASA.221 | 0 A | 0 | 4000 |
| 9 chrC2.131965G | A | 0.1857 | 4000 |
| 9 chrC2.132017A | G | 0.1243 | 4006 |
| 9 chrC2.132054G | A | 0.1269 | 3994 |
| 9 chrC2.132086A | C | 0.3132 | 3946 |
| 9 chrC2.132128G | A | 0.4513 | 4006 |
| 9 chrC2.132177C | A | 0.1538 | 4004 |
| 9 chrC2.132203A | C | 0.1906 | 3840 |
| 9 chrC2.132227G | A | 0.1227 | 4010 |
| 9 chrC2.132328A | G | 0.2698 | 3992 |
| 9 chrC2.132356G | A | 0.4002 | 3998 |
| 9 chrC2.132404A | C | 0.2468 | 3910 |
| 9 chrC2.132446G | A | 0.086 | 4000 |
| 9 chrC2.132468C | A | 0.2812 | 4004 |
| 9 chrC2.132493A | C | 0.353 | 3952 |
| 9 chrC2.132518C | A | 0.1888 | 3988 |
| 9 chrC2.132581A | G | 0.3102 | 4004 |
| 9 chrC2.132605A | G | 0.2637 | 3966 |
| 9 chrC2.132650G | A | 0.0984 | 3994 |
| 9 chrC2.132703G | A | 0.266 | 4004 |
| 9 chrC2.132731A | G | 0.05835 | 4010 |
| 9 chrC2.132766A | G | 0.05245 | 4004 |
| 9 chrC2.132830A | G | 0.3826 | 4004 |
| 9 chrC2.132895G | A | 0.3044 | 4008 |
| 9 chrC2.132975A | G | 0.2557 | 4004 |
| 9 chrC2.133014A | C | 0.1907 | 3944 |
| 9 chrC2.133046A | G | 0.4296 | 3976 |
| 9 chrC2.133074A | C | 0.4563 | 3932 |
| 9 chrC2.133137G | A | 0.4341 | 3988 |
| 9 chrC2.133161G | A | 0.1821 | 3882 |

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| 9 chrC2.133209A | G | 0.3897 | 3988 |
| 9 chrC2.133242G | A | 0.4816 | 3968 |
| 9 chrC2.133309A | G | 0.1143 | 3998 |
| 9 chrC2.133356G | A | 0.1544 | 4002 |
| 9 chrC2.133391C | A | 0.4193 | 3992 |
| 9 chrC2.133457A | G | 0.498 | 3914 |
| 9 chrC2.133485A | C | 0.4212 | 3960 |
| 9 chrC2.133538G | A | 0.2464 | 3998 |
| 9 chrC2.133564A | G | 0.4812 | 3998 |
| 9 chrC2.133596G | A | 0.499 | 3988 |
| 9 chrC2.133648A | G | 0.07929 | 3998 |
| 9 chrC2.133648A | C | 0.1838 | 4004 |
| 9 chrC2.133698A | C | 0.263 | 4008 |
| 9 chrC2.133754A | G | 0.3495 | 4000 |
| 9 chrC2.133851A | G | 0.02059 | 3886 |
| 9 chrC2.133892A | C | 0.3504 | 4010 |
| 9 chrC2.133926C | A | 0.2847 | 3920 |
| 9 chrC2.133927G | A | 0.3154 | 3988 |
| 9 chrC2.133951A | G | 0.2424 | 4002 |
| 9 chrC2.133978G | A | 0.4462 | 3994 |
| 9 chrC2.134024G | A | 0.3413 | 3996 |
| 9 chrC2.134070A | C | 0.08965 | 3982 |
| 9 chrC2.134094A | G | 0.1603 | 3692 |
| 9 chrC2.134127A | G | 0.1192 | 4002 |
| 9 chrC2.134166A | G | 0.166 | 3970 |
| 9 chrC2.134257A | G | 0.01547 | 4008 |
| 9 chrC2.134308A | G | 0.1109 | 3922 |
| 9 chrC2.134342A | C | 0.2906 | 3954 |
| 9 chrC2.134385G | A | 0.4293 | 4000 |
| 9 chrC2.134434A | G | 0.195 | 3980 |
| 9 chrC2.134535G | A | 0.3762 | 4000 |
| 9 chrC2.134590C | A | 0.2954 | 3998 |
| 9 chrC2.134644G | A | 0.2608 | 3964 |
| 9 chrC2.134646A | G | 0.3972 | 3834 |
| 9 chrC2.134680G | A | 0.4565 | 3998 |
| 9 chrC2.134708A | G | 0.05436 | 4010 |
| 9 chrC2.134748A | G | 0.1625 | 4006 |
| 9 chrC2.134779A | G | 0.0855 | 4000 |
| 9 chrC2.134824A | G | 0.2145 | 3990 |
| 9 chrC2.134859A | G | 0.02688 | 3944 |
| 9 chrC2.134885A | G | 0.3887 | 4006 |

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| 9 chrC2.134921A | G | 0.2564 | 3998 |
| 9 chrC2.135029A | G | 0.2064 | 3968 |
| 9 chrC2.135054A | G | 0.1119 | 3984 |
| 9 chrC2.135122A | G | 0.0305 | 4000 |
| 9 chrC2.135183G | A | 0.1588 | 3986 |
| 9 chrC2.135212G | A | 0.2264 | 3958 |
| 9 chrC2.135258A | G | 0.4 | 3990 |
| 9 chrC2.135330G | A | 0.2602 | 3986 |
| 9 chrC2.135357G | A | 0.02521 | 4006 |
| 9 chrC2.135384G | A | 0.1284 | 3886 |
| 9 chrC2.135413G | A | 0.02592 | 3974 |
| 9 chrC2.135478A | G | 0.253 | 3980 |
| 9 chrC2.135505G | A | 0.1715 | 4000 |
| 9 chrC2.135563G | A | 0.3552 | 3984 |
| 9 chrC2.135641A | G | 0.094 | 4000 |
| 9 chrC2.135671G | A | 0.3502 | 4006 |
| 9 chrC2.135819A | G | 0.3033 | 4000 |
| 9 chrC2.135896G | A | 0.117 | 3872 |
| 9 chrC2.135947G | A | 0.1749 | 3996 |
| 9 chrC2.135995G | A | 0.406 | 3980 |
| 9 chrC2.136055A | C | 0.02675 | 4000 |
| 9 chrC2.136079A | G | 0.3891 | 3996 |
| 9 chrC2.136109A | G | 0.2821 | 3992 |
| 9 chrC2.136176G | A | 0.186 | 4006 |
| 9 chrC2.136215C | A | 0.1982 | 3794 |
| 9 chrC2.136252G | A | 0.198 | 4010 |
| 9 chrC2.136293A | G | 0.1673 | 4004 |
| 9 chrC2.136330A | C | 0.1054 | 3996 |
| 9 chrC2.136375A | G | 0.1105 | 3982 |
| 9 chrC2.136401C | A | 0.1635 | 4006 |
| 9 chrC2.136449A | G | 0.04536 | 3902 |
| 9 chrC2.136474A | G | 0.1668 | 3994 |
| 9 chrC2.136520 | 0 G | 0 | 4010 |
| 9 chrUn.901254A | G | 0.4073 | 3990 |
| 9 chrC2.136585A | C | 0.04625 | 4000 |
| 9 chrC2.136656C | A | 0.239 | 3996 |
| 9 chrC2.136706G | A | 0.07565 | 3992 |
| 9 chrC2.136767G | A | 0.3626 | 3996 |
| 9 chrC2.136798A | G | 0.2905 | 3972 |
| 9 chrC2.136857G | A | 0.129 | 4000 |
| 9 chrC2.136914G | A | 0.4837 | 3998 |

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| 9 chrC2.136937A | G | 0.08192 | 4004 |
| 9 chrC2.136965A | G | 0.06812 | 3714 |
| 9 chrC2.137035A | G | 0.03842 | 4008 |
| 9 chrC2.137060G | A | 0.104 | 3990 |
| 9 chrC2.137085A | G | 0.3719 | 3738 |
| 9 chrC2.137188A | G | 0.3724 | 3988 |
| 9 chrC2.137215C | A | 0.08239 | 3872 |
| 9 chrC2.137285A | G | 0.1021 | 4004 |
| 9 chrC2.137315A | G | 0.07791 | 3992 |
| 9 chrC2.137405G | A | 0.2346 | 4006 |
| 9 chrC2.137470A | G | 0.08839 | 3790 |
| 9 chrC2.137475A | G | 0.0994 | 4004 |
| 9 chrC2.137504G | A | 0.1266 | 3996 |
| 9 chrC2.137536A | C | 0.2694 | 3986 |
| 9 chrB1.599696A | G | 0.438 | 4002 |
| 9 chrC2.137577A | G | 0.1284 | 4004 |
| 9 chrC2.137676A | G | 0.002994 | 4008 |
| 9 chrC2.137716A | G | 0.1166 | 3834 |
| 9 chrC2.137825A | G | 0.2249 | 3998 |
| 9 chrC2.137851G | A | 0.1111 | 3996 |
| 9 chrC2.137906G | A | 0.4634 | 3884 |
| 9 chrC2.137970A | G | 0.4865 | 3766 |
| 9 chrC2.138001G | A | 0.4743 | 3888 |
| 9 chrC2.138055G | A | 0.07368 | 3936 |
| 9 chrC2.138132C | A | 0.09054 | 3656 |
| 9 chrC2.138167G | A | 0.3596 | 3982 |
| 9 chrC2.138192G | A | 0.1236 | 4004 |
| 9 chrC2.138232A | G | 0.2754 | 3994 |
| 9 chrC2.138279A | C | 0.2961 | 3988 |
| 9 chrC2.138307A | G | 0.2986 | 3948 |
| 9 chrC2.138338G | A | 0.2991 | 3962 |
| 9 chrC2.138437A | G | 0.0917 | 3686 |
| 9 chrC2.138492A | G | 0.1241 | 4006 |
| 9 chrC2.138522A | G | 0.1384 | 3996 |
| 9 chrC2.138575C | A | 0.4233 | 3976 |
| 9 chrC2.138640A | G | 0.4743 | 4002 |
| 9 chrC2.138677A | G | 0.2941 | 3934 |
| 9 chrC2.138704A | G | 0.1952 | 4002 |
| 9 chrC2.138762A | G | 0.3279 | 4004 |
| 9 chrC2.138792G | A | 0.08788 | 3994 |
| 9 chrC2.138822A | G | 0.4245 | 4000 |

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| 9 chrC2.138894A | G | 0.4413 | 4004 |
| 9 chrC2.138944A | G | 0.301 | 4000 |
| 9 chrC2.138997A | G | 0.323 | 3984 |
| 9 chrC2.139031G | A | 0.1604 | 3964 |
| 9 chrC2.139071A | G | 0.0915 | 4000 |
| 9 chrC2.139104A | G | 0.2947 | 3974 |
| 9 chrC2.139152A | G | 0.2116 | 3984 |
| 9 chrC2.139181A | G | 0.3797 | 3990 |
| 9 chrC2.139202A | G | 0.4311 | 4004 |
| 9 chrC2.139223G | A | 0.2212 | 3920 |
| 9 chrC2.139248A | G | 0.2639 | 3994 |
| 9 chrC2.139278G | A | 0.463 | 3978 |
| 9 chrC2.139315A | C | 0.1518 | 3992 |
| 9 chrC2.139340A | G | 0.2486 | 4006 |
| 9 chrC2.139392G | A | 0.3535 | 3994 |
| 9 chrC2.139423G | A | 0.4407 | 3966 |
| 9 chrC2.139528C | A | 0.4169 | 3996 |
| 9 chrC2.139568A | G | 0.4672 | 3994 |
| 9 chrC2.139572A | G | 0.2446 | 4006 |
| 9 chrC2.139636A | G | 0.4208 | 3952 |
| 9 chrC2.139702A | G | 0.03424 | 3972 |
| 9 chrC2.139731A | G | 0.1951 | 4008 |
| 9 chrC2.139766A | G | 0.06991 | 3962 |
| 9 chrC2.139803G | A | 0.04915 | 4008 |
| 9 chrC2.139836A | G | 0.01536 | 3840 |
| 9 chrC2.139860A | G | 0.2669 | 3994 |
| 9 chrC2.139911A | C | 0.1106 | 4004 |
| 9 chrC2.139939G | A | 0.3741 | 4002 |
| 9 chrC2.139979G | A | 0.4575 | 4004 |
| 9 chrC2.140018A | G | 0.4672 | 3998 |
| 9 chrC2.140084A | G | 0.08891 | 4004 |
| 9 chrC2.140117C | A | 0.1491 | 4010 |
| 9 chrC2.140118A | G | 0.138 | 4006 |
| 9 chrC2.140158A | G | 0.1806 | 3998 |
| 9 chrC2.140212G | A | 0.4431 | 3992 |
| 9 chrC2.140238A | G | 0.1722 | 4002 |
| 9 chrC2.140307G | A | 0.1625 | 3754 |
| 9 chrC2.140332A | G | 0.1726 | 4004 |
| 9 chrC2.140367G | A | 0.1825 | 3820 |
| 9 chrC2.140440C | A | 0.5 | 4002 |
| 9 chrC2.140471A | G | 0.3636 | 3980 |

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| 9 chrC2.140600A | G | 0.1956 | 3972 |
| 9 chrC2.140627A | G | 0.4912 | 3992 |
| 9 chrC2.140663G | A | 0.1447 | 3876 |
| 9 chrC2.140739G | A | 0.1028 | 3968 |
| 9 chrC2.140794A | G | 0.1129 | 4002 |
| 9 chrC2.140852G | A | 0.2834 | 3994 |
| 9 chrC2.140890G | A | 0.33 | 3946 |
| 9 chrC2.140914A | G | 0.06322 | 4002 |
| 9 chrC2.140959C | A | 0.1116 | 3988 |
| 9 chrC2.141004A | G | 0.1092 | 4002 |
| 9 chrC2.141060G | A | 0.1971 | 3992 |
| 9 chrC2.141088G | A | 0.3876 | 4004 |
| 9 chrC2.141115C | A | 0.1859 | 3900 |
| 9 chrC2.141167A | G | 0.01372 | 4010 |
| 9 chrC2.141229A | G | 0.354 | 3994 |
| 9 chrC2.141258A | G | 0.1193 | 4008 |
| 9 chrC2.141289A | G | 0.2256 | 3976 |
| 9 chrC2.141326G | A | 0.422 | 3988 |
| 9 chrC2.141352C | A | 0.1477 | 3982 |
| 9 chrC2.141396G | A | 0.3517 | 3910 |
| 9 chrC2.141423A | G | 0.1714 | 4008 |
| 9 chrC2.141440G | A | 0.1442 | 3890 |
| 9 chrC2.141541G | A | 0.07979 | 3672 |
| 9 chrC2.141577G | A | 0.1673 | 4004 |
| 9 chrC2.141608G | A | 0.3359 | 4004 |
| 9 chrC2.141634G | A | 0.337 | 4006 |
| 9 chrC2.141663G | A | 0.2107 | 4000 |
| 9 chrC2.141706G | A | 0.4781 | 3968 |
| 9 chrC2.141739G | A | 0.3617 | 3998 |
| 9 chrC2.141782C | A | 0.3616 | 3780 |
| 9 chrC2.141838A | G | 0.176 | 3978 |
| 9 chrC2.141870A | G | 0.1009 | 4002 |
| 9 chrC2.141903A | G | 0.05295 | 4004 |
| 9 chrC2.141965G | A | 0.4429 | 3976 |
| 9 chrC2.142008A | G | 0.3454 | 4010 |
| 9 chrC2.142082G | A | 0.1939 | 4002 |
| 9 chrC2.142113A | C | 0.4642 | 3994 |
| 9 chrC2.142149A | G | 0.1407 | 3718 |
| 9 chrC2.142191A | C | 0.09444 | 3960 |
| 9 chrC2.142262C | A | 0.2409 | 4002 |
| 9 chrUn.457011G | A | 0.06011 | 3976 |

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| 9 chrC2.142354G | A | 0.05356 | 3734 |
| 9 chrC2.142419A | G | 0.2724 | 3998 |
| 9 chrC2.142494A | G | 0.1233 | 4006 |
| 9 chrC2.142518A | G | 0.0007485 | 4008 |
| 9 chrC2.142559G | A | 0.295 | 4000 |
| 9 chrC2.142583A | G | 0.05878 | 3862 |
| 9 chrC2.142610A | G | 0.1201 | 4006 |
| 9 chrC2.142659A | G | 0.1845 | 4006 |
| 9 chrC2.142690A | C | 0.08683 | 3720 |
| 9 chrC2.142788A | C | 0.1746 | 3964 |
| 9 chrC2.142812G | A | 0.3122 | 3998 |
| 9 chrC2.142884G | A | 0.2846 | 4002 |
| 9 chrC2.142936G | A | 0.1188 | 4008 |
| 9 chrC2.142977A | G | 0.1349 | 3596 |
| 9 chrC2.143007G | A | 0.3637 | 4006 |
| 9 chrC2.143056G | A | 0.3241 | 3990 |
| 9 chrC2.143122G | A | 0.1497 | 3708 |
| 9 chrC2.143175A | G | 0.05553 | 3998 |
| 9 chrC2.143219A | G | 0.1665 | 4000 |
| 9 chrC2.143257A | C | 0.4995 | 3998 |
| 9 chrUn.806121A | G | 0.3316 | 3990 |
| 9 chrC2.143388A | G | 0.347 | 3974 |
| 9 chrUn14.7751A | G | 0.2172 | 4010 |
| 9 chrC2.143439A | G | 0.1503 | 4006 |
| 9 chrC2.143495G | A | 0.2421 | 3940 |
| 9 chrC2.143534G | A | 0.426 | 3974 |
| 9 chrC2.143593A | G | 0.3359 | 4004 |
| 9 chrC2.143632A | C | 0.1957 | 4000 |
| 9 chrC2.143673A | G | 0.1976 | 4008 |
| 9 chrC2.143700A | G | 0.4028 | 4004 |
| 9 chrC2.143754G | A | 0.09495 | 3960 |
| 9 chrC2.143913G | A | 0.0232 | 4008 |
| 9 chrC2.143922A | G | 0.1553 | 4006 |
| 9 chrC2.143945A | G | 0.06803 | 3998 |
| 9 chrC2.144008G | A | 0.03266 | 3980 |
| 9 chrC2.144054A | C | 0.4778 | 4002 |
| 9 chrC2.144079A | G | 0.04666 | 4008 |
| 9 chrC2.144112A | G | 0.2651 | 4002 |
| 9 chrC2.144138A | G | 0.4113 | 4004 |
| 9 chrC2.144195A | G | 0.4373 | 3988 |
| 9 chrC2.144227G | A | 0.1288 | 4006 |

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| 9 chrC2.144271G | A | 0.2025 | 4000 |
| 9 chrC2.144311A | G | 0.2143 | 4004 |
| 9 chrC2.144395A | G | 0.3808 | 3992 |
| 9 chrC2.144431A | G | 0.1178 | 3990 |
| 9 chrC2.144460A | G | 0.2031 | 3880 |
| 9 chrC2.144502A | C | 0.3187 | 3998 |
| 9 chrC2.144527G | A | 0.4293 | 3904 |
| 9 chrC2.144587A | G | 0.3102 | 3988 |
| 9 chrC2.144676A | G | 0.2357 | 4000 |
| 9 chrC2.144738A | G | 0.2631 | 3946 |
| 9 chrC2.144785A | G | 0.1088 | 3722 |
| 9 chrC2.144809A | G | 0.09066 | 4004 |
| 9 chrC2.144847G | A | 0.3669 | 3988 |
| 9 chrC2.144875G | A | 0.3832 | 4006 |
| 9 chrC2.144908G | A | 0.3813 | 4002 |
| 9 chrC2.144938G | A | 0.1746 | 3998 |
| 9 chrC2.144964G | A | 0.2631 | 3998 |
| 9 chrC2.144996G | A | 0.431 | 4000 |
| 9 chrC2.145036C | A | 0.1787 | 4002 |
| 9 chrC2.145145A | G | 0.0634 | 4006 |
| 9 chrC2.145161A | C | 0.3767 | 4006 |
| 9 chrC2.145211C | A | 0.1164 | 3918 |
| 9 chrC2.145237A | C | 0.4945 | 3998 |
| 9 chrC2.145280G | A | 0.4452 | 3994 |
| 9 chrC2.145315A | G | 0.2691 | 3998 |
| 9 chrC2.145356A | C | 0.2853 | 3982 |
| 9 chrC2.145391C | A | 0.4152 | 3810 |
| 9 chrC2.145501A | C | 0.2176 | 3994 |
| 9 chrC2.145535G | A | 0.2797 | 4000 |
| 9 chrC2.145557A | G | 0.4553 | 3916 |
| 9 chrC2.145584A | G | 0.2728 | 3966 |
| 9 chrC2.145612G | A | 0.2867 | 3994 |
| 9 chrC2.145647C | A | 0.2011 | 3994 |
| 9 chrC2.145679G | A | 0.2633 | 3950 |
| 9 chrC2.145729A | G | 0.3904 | 3998 |
| 9 chrUn.306949A | G | 0.2058 | 3994 |
| 9 chrC2.145787A | G | 0.4843 | 4004 |
| 9 chrC2.145815G | A | 0.3848 | 3948 |
| 9 chrC2.145841G | A | 0.4345 | 3956 |
| 9 chrC2.145896G | A | 0.3442 | 3998 |
| 9 chrC2.145949 | 0 A | 0 | 4008 |

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| 9 chrC2.145952A | G | 0.07769 | 3990 |
| 9 chrC2.145990G | A | 0.0705 | 4000 |
| 9 chrC2.146030G | A | 0.01186 | 3964 |
| 9 chrC2.146056A | G | 0.1314 | 3918 |
| 9 chrC2.146084G | A | 0.02996 | 4006 |
| 9 chrC2.146114A | G | 0.4259 | 3994 |
| 9 chrC2.146164A | G | 0.2625 | 4008 |
| 9 chrC2.146244G | A | 0.08233 | 3996 |
| 9 chrC2.146279A | G | 0.3265 | 3994 |
| 9 chrC2.146318G | A | 0.3472 | 4000 |
| 9 chrC2.146347A | C | 0.09562 | 3974 |
| 9 chrC2.146459G | A | 0.3079 | 3982 |
| 9 chrC2.146501G | A | 0.1073 | 4008 |
| 9 chrC2.146532G | A | 0.2063 | 4000 |
| 9 chrC2.146580A | C | 0.194 | 3990 |
| 9 chrC2.146605G | A | 0.3419 | 4004 |
| 9 chrC2.146646A | C | 0.1383 | 4006 |
| 9 chrC2.146673A | G | 0.3962 | 3990 |
| 9 chrC2.146717A | G | 0.2716 | 3988 |
| 9 chrC2.146778A | G | 0.1976 | 3998 |
| 9 chrC2.146804A | G | 0.2247 | 3996 |
| 9 chrC2.146857G | A | 0.4547 | 4000 |
| 9 chrC2.146923G | A | 0.1567 | 3720 |
| 9 chrC2.146937G | A | 0.4297 | 3966 |
| 9 chrC2.146977G | A | 0.4338 | 4002 |
| 9 chrC2.147080G | A | 0.483 | 3996 |
| 9 chrC2.147111C | A | 0.02072 | 4006 |
| 9 chrC2.147243G | A | 0.3425 | 3994 |
| 9 chrC2.147313A | G | 0.3472 | 4004 |
| 9 chrC2.147344A | G | 0.05652 | 3910 |
| 9 chrC2.147390G | A | 0.1721 | 4004 |
| 9 chrC2.147418G | A | 0.2863 | 4006 |
| 9 chrC2.147451G | A | 0.4229 | 3996 |
| 9 chrC2.147487A | G | 0.1712 | 3990 |
| 9 chrC2.147514G | A | 0.1827 | 3918 |
| 9 chrC2.147543G | A | 0.142 | 3994 |
| 9 chrC2.147574A | G | 0.01037 | 3952 |
| 9 chrC2.147674A | G | 0.3304 | 3986 |
| 9 chrC2.147708G | A | 0.3949 | 4004 |
| 9 chrC2.147737A | G | 0.2111 | 3998 |
| 9 chrC2.147792A | G | 0.119 | 3900 |

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| 9 chrC2.147863A | G | 0.05991 | 4006 |
| 9 chrC2.147903A | C | 0.00386 | 3886 |
| 9 chrC2.147960A | G | 0.3208 | 3996 |
| 9 chrC2.148006G | A | 0.4229 | 3930 |
| 9 chrC2.148072G | A | 0.09526 | 4010 |
| 9 chrC2.148113A | G | 0.4493 | 3986 |
| 9 chrC2.148227G | A | 0.4406 | 3988 |
| 9 chrC2.148252G | A | 0.03734 | 3990 |
| 9 chrC2.148279A | G | 0.2198 | 4004 |
| 9 chrC2.148341A | C | 0.2128 | 3994 |
| 9 chrC2.148369A | C | 0.286 | 3996 |
| 9 chrC2.148416G | A | 0.3178 | 4002 |
| 9 chrC2.148474A | C | 0.1194 | 4002 |
| 9 chrC2.148556C | A | 0.4366 | 4006 |
| 9 chrC2.148643A | G | 0.484 | 4006 |
| 9 chrC2.148675A | G | 0.3246 | 3962 |
| 9 chrC2.148707A | G | 0.3857 | 3980 |
| 9 chrC2.148748A | G | 0.009553 | 3978 |
| 9 chrC2.148811G | A | 0.2948 | 3982 |
| 9 chrC2.148835G | A | 0.3361 | 3996 |
| 9 chrC2.148878A | G | 0.137 | 4006 |
| 9 chrC2.148884G | A | 0.01652 | 3996 |
| 9 chrC2.148915A | C | 0.04415 | 3692 |
| 9 chrC2.148979A | G | 0.4358 | 4004 |
| 9 chrC2.149021A | G | 0.04913 | 4010 |
| 9 chrC2.149061A | G | 0.3989 | 4004 |
| 9 chrC2.149115A | C | 0.0689 | 4006 |
| 9 chrC2.149206A | G | 0.0227 | 4008 |
| 9 chrC2.149234G | A | 0.1531 | 3730 |
| 9 chrUn23.2273G | A | 0.07875 | 4000 |
| 9 chrC2.177864C | A | 0.01673 | 4004 |
| 9 chrC2.177813A | C | 0.3992 | 3998 |
| 9 chrC2.177762G | A | 0.2482 | 4000 |
| 9 chrC2.177717A | G | 0.1579 | 4008 |
| 9 chrC2.177676G | A | 0.314 | 3994 |
| 9 chrC2.177606G | A | 0.2877 | 4004 |
| 9 chrC2.177577G | A | 0.1842 | 4000 |
| 9 chrC2.177524G | A | 0.316 | 4006 |
| 9 chrC2.177500A | G | 0.003029 | 3962 |
| 9 chrC2.177456C | A | 0.06568 | 4004 |
| 9 chrC2.177363A | G | 0.2287 | 3988 |

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| 9 chrC2.177321G | A | 0.4568 | 3984 |
| 9 chrC2.177254G | A | 0.3088 | 3960 |
| 9 chrC2.177213G | A | 0.2688 | 3988 |
| 9 chrC2.177186G | A | 0.4788 | 4000 |
| 9 chrC2.177158G | A | 0.04056 | 3846 |
| 9 chrC2.177101G | A | 0.2486 | 4010 |
| 9 chrC2.177023G | A | 0.07081 | 3912 |
| 9 chrC2.176946A | G | 0.2145 | 3948 |
| 9 chrC2.176877G | A | 0.1002 | 4000 |
| 9 chrC2.176853 | 0 A | 0 | 4010 |
| 9 chrC2.176831A | C | 0.03227 | 3998 |
| 9 chrC2.176804A | G | 0.1636 | 3998 |
| 9 chrC2.176777A | G | 0.07496 | 3882 |
| 9 chrC2.176707A | G | 0.07892 | 4004 |
| 9 chrC2.176677A | G | 0.4649 | 3994 |
| 9 chrC2.176589G | A | 0.1016 | 4004 |
| 9 chrC2.176551G | A | 0.2411 | 4006 |
| 9 chrC2.176506G | A | 0.2772 | 3932 |
| 9 chrC2.176485G | A | 0.1593 | 3998 |
| 9 chrC2.176441A | G | 0.3124 | 3998 |
| 9 chrC2.176406A | C | 0.247 | 3846 |
| 9 chrC2.176367A | G | 0.1203 | 4006 |
| 9 chrC2.176331G | A | 0.2054 | 4002 |
| 9 chrC2.176304A | G | 0.01373 | 4006 |
| 9 chrC2.176264A | G | 0.1505 | 3986 |
| 9 chrC2.176195A | G | 0.2305 | 4004 |
| 9 chrC2.176154A | G | 0.2299 | 4006 |
| 9 chrC2.176123C | A | 0.4796 | 3876 |
| 9 chrC2.176089G | A | 0.1288 | 4000 |
| 9 chrC2.176063G | A | 0.2325 | 4004 |
| 9 chrD4.724566G | A | 0.2369 | 3998 |
| 9 chrC2.175992G | A | 0.1405 | 3992 |
| 9 chrC2.175943G | A | 0.1972 | 3920 |
| 9 chrC2.175889A | G | 0.2973 | 3952 |
| 9 chrC2.175847A | G | 0.1236 | 3998 |
| 9 chrC2.175787G | A | 0.3483 | 3994 |
| 9 chrC2.175744A | G | 0.1825 | 4006 |
| 9 chrC2.175718G | A | 0.1534 | 3996 |
| 9 chrC2.175679C | A | 0.07871 | 4002 |
| 9 chrC2.175652A | G | 0.2506 | 3998 |
| 9 chrC2.175615C | A | 0.2249 | 3984 |

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| 9 chrC2.175615G | A | 0.471 | 4004 |
| 9 chrC2.175542C | A | 0.2626 | 3972 |
| 9 chrC2.175507A | C | 0.2448 | 3958 |
| 9 chrC2.175481G | A | 0.052 | 4000 |
| 9 chrC2.175433G | A | 0.1889 | 3706 |
| 9 chrC2.175395A | G | 0.206 | 4004 |
| 9 chrC2.175367A | G | 0.1356 | 3996 |
| 9 chrC2.175337A | G | 0.2639 | 3964 |
| 9 chrC2.175310G | A | 0.441 | 4000 |
| 9 chrC2.175278A | G | 0.2552 | 4004 |
| 9 chrC2.175253A | G | 0.02825 | 3964 |
| 9 chrC2.175218G | A | 0.4153 | 3990 |
| 9 chrUn.479178A | G | 0.2955 | 4004 |
| 9 chrC2.175177G | A | 0.05972 | 4002 |
| 9 chrC2.175144A | G | 0.3447 | 3954 |
| 9 chrC2.175111G | A | 0.03145 | 4006 |
| 9 chrUn.759731A | G | 0.2119 | 3998 |
| 9 chrC2.175075G | A | 0.2235 | 4004 |
| 9 chrC2.175035G | A | 0.2322 | 3962 |
| 9 chrC2.175010A | G | 0.1727 | 3966 |
| 9 chrC2.174974G | A | 0.185 | 4000 |
| 9 chrC2.174887G | A | 0.2738 | 4006 |
| 9 chrC2.174787A | C | 0.2866 | 3674 |
| 9 chrC2.174761C | A | 0.3175 | 3940 |
| 9 chrC2.174723A | G | 0.1802 | 4006 |
| 9 chrC2.174696A | G | 0.1753 | 4004 |
| 9 chrC2.174623G | A | 0.482 | 3990 |
| 9 chrC2.174571A | G | 0.4515 | 3776 |
| 9 chrC2.174547G | A | 0.2718 | 3992 |
| 9 chrC2.174454C | A | 0.1848 | 4004 |
| 9 chrC2.174421G | A | 0.4735 | 4004 |
| 9 chrC2.174370G | A | 0.05951 | 3764 |
| 9 chrC2.174341C | A | 0.2786 | 4002 |
| 9 chrC2.174300A | G | 0.2526 | 4002 |
| 9 chrC2.174255A | G | 0.496 | 4002 |
| 9 chrC2.174220A | G | 0.02392 | 3888 |
| 9 chrC2.174195G | A | 0.1093 | 3998 |
| 9 chrC2.174107A | C | 0.4339 | 3950 |
| 9 chrC2.174105A | G | 0.01614 | 3904 |
| 9 chrC2.174029G | A | 0.1264 | 3972 |
| 9 chrC2.174003G | A | 0.2549 | 3844 |

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| 9 chrC2.173971A | G | 0.4772 | 3990 |
| 9 chrC2.173945A | G | 0.2389 | 4002 |
| 9 chrC2.173882A | G | 0.243 | 3922 |
| 9 chrC2.173847A | G | 0.3513 | 4008 |
| 9 chrC2.173802G | A | 0.3699 | 3990 |
| 9 chrC2.173745G | A | 0.00175 | 4000 |
| 9 chrC2.173714A | C | 0.4661 | 3980 |
| 9 chrC2.173631A | G | 0.06016 | 4006 |
| 9 chrC2.173572G | A | 0.4059 | 3996 |
| 9 chrC2.173495A | G | 0.001496 | 4010 |
| 9 chrC2.173445G | A | 0.2174 | 4006 |
| 9 chrC2.173414G | A | 0.05684 | 3994 |
| 9 chrC2.173391A | G | 0.06403 | 3998 |
| 9 chrC2.173321C | A | 0.1492 | 3954 |
| 9 chrC2.173265G | A | 0.2156 | 4002 |
| 9 chrC2.173225C | A | 0.188 | 3952 |
| 9 chrC2.173171A | G | 0.07286 | 3994 |
| 9 chrC2.173137G | A | 0.2757 | 3976 |
| 9 chrC2.173111A | G | 0.06128 | 3998 |
| 9 chrC2.173063C | A | 0.1224 | 4002 |
| 9 chrC2.173025A | G | 0.1631 | 4004 |
| 9 chrC2.172964A | G | 0.1704 | 3966 |
| 9 chrC2.172935A | G | 0.09817 | 3942 |
| 9 chrC2.172893A | G | 0.1412 | 3994 |
| 9 chrC2.172865C | A | 0.07642 | 4004 |
| 9 chrC2.172842A | G | 0.4739 | 3988 |
| 9 chrC2.172806A | G | 0.01878 | 3940 |
| 9 chrC2.172775A | G | 0.3458 | 3994 |
| 9 chrC2.172745G | A | 0.1462 | 3994 |
| 9 chrC2.172721G | A | 0.159 | 3938 |
| 9 chrC2.172712A | G | 0.1598 | 4006 |
| 9 chrC2.172685G | A | 0.1841 | 3900 |
| 9 chrC2.172655G | A | 0.1657 | 3972 |
| 9 chrC2.172561G | A | 0.3092 | 3988 |
| 9 chrC2.172515G | A | 0.1752 | 3596 |
| 9 chrC2.172465G | A | 0.3601 | 3996 |
| 9 chrC2.172405G | A | 0.2653 | 3848 |
| 9 chrC2.172258A | G | 0.3132 | 3962 |
| 9 chrC2.172227A | G | 0.4372 | 3998 |
| 9 chrC2.172170A | G | 0.3368 | 4002 |
| 9 chrC2.172134A | G | 0.4429 | 3958 |

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| 9 chrC2.172071C | A | 0.1681 | 4004 |
| 9 chrC2.172034A | G | 0.4634 | 3994 |
| 9 chrC2.171992G | A | 0.1995 | 4010 |
| 9 chrC2.171948G | A | 0.4701 | 3940 |
| 9 chrC2.171904C | A | 0.3963 | 4002 |
| 9 chrC2.171823A | G | 0.09298 | 3990 |
| 9 chrC2.171779A | G | 0.00499 | 4008 |
| 9 chrC2.171699C | A | 0.2328 | 3832 |
| 9 chrC2.171666C | A | 0.1058 | 3874 |
| 9 chrC2.171617G | A | 0.0705 | 4000 |
| 9 chrC2.171562G | A | 0.1506 | 3998 |
| 9 chrC2.171521G | A | 0.4472 | 3958 |
| 9 chrC2.171509A | C | 0.4085 | 3988 |
| 9 chrC2.171450C | A | 0.01733 | 3924 |
| 9 chrC2.171449G | A | 0.3938 | 4002 |
| 9 chrC2.171420G | A | 0.1381 | 3996 |
| 9 chrC2.171372G | A | 0.4809 | 3988 |
| 9 chrC2.171330A | G | 0.3118 | 4000 |
| 9 chrC2.171273G | A | 0.3145 | 3990 |
| 9 chrC2.171245G | A | 0.2151 | 3998 |
| 9 chrC2.171220A | G | 0.01945 | 4010 |
| 9 chrC2.171160A | C | 0.04677 | 3998 |
| 9 chrC2.171122A | G | 0.443 | 3912 |
| 9 chrC2.171087A | G | 0.08975 | 4000 |
| 9 chrC2.171038G | A | 0.4573 | 4004 |
| 9 chrC2.170974A | C | 0.4874 | 3964 |
| 9 chrC2.170904C | A | 0.3527 | 3918 |
| 9 chrC2.170857G | A | 0.3773 | 3978 |
| 9 chrC2.170817A | G | 0.1282 | 3970 |
| 9 chrC2.170741A | G | 0.172 | 4000 |
| 9 chrC2.170734G | A | 0.1132 | 3984 |
| 9 chrC2.170710A | G | 0.09225 | 4000 |
| 9 chrC2.170696G | A | 0.3568 | 4002 |
| 9 chrC2.170684 | 0 A | 0 | 4008 |
| 9 chrC2.170664G | A | 0.1022 | 3972 |
| 9 chrC2.170627G | A | 0.3513 | 4002 |
| 9 chrC2.170584A | G | 0.09082 | 4008 |
| 9 chrC2.170546A | G | 0.1619 | 3892 |
| 9 chrC2.170484G | A | 0.04573 | 3914 |
| 9 chrC2.170390A | G | 0.4333 | 3776 |
| 9 chrC2.170346G | A | 0.3675 | 4000 |

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| 9 chrC2.170309A | G | 0.4775 | 3992 |
| 9 chrC2.170277A | G | 0.1823 | 4000 |
| 9 chrC2.170223C | A | 0.03994 | 4006 |
| 9 chrC2.170173G | A | 0.003245 | 4006 |
| 9 chrC2.170137A | G | 0.2502 | 4000 |
| 9 chrC2.170109C | A | 0.406 | 4000 |
| 9 chrC2.170072A | G | 0.02269 | 4010 |
| 9 chrC2.170036A | G | 0.4684 | 3984 |
| 9 chrC2.170009C | A | 0.4798 | 4002 |
| 9 chrC2.169946G | A | 0.2339 | 4006 |
| 9 chrC2.169916A | G | 0.0982 | 4002 |
| 9 chrC2.169870A | G | 0.4792 | 3998 |
| 9 chrC2.169721A | G | 0.03125 | 4000 |
| 9 chrC2.169657A | G | 0.2457 | 3936 |
| 9 chrC2.169622A | C | 0.14 | 4006 |
| 9 chrC2.169569A | G | 0.1232 | 3954 |
| 9 chrC2.169513A | G | 0.1349 | 4004 |
| 9 chrC2.169456A | C | 0.1852 | 3990 |
| 9 chrC2.169403A | G | 0.2784 | 4002 |
| 9 chrC2.169369G | A | 0.4008 | 3992 |
| 9 chrC2.169334A | C | 0.006715 | 3872 |
| 9 chrC2.169292A | G | 0.1081 | 3690 |
| 9 chrC2.169245G | A | 0.1356 | 4004 |
| 9 chrC2.169222A | G | 0.3483 | 3888 |
| 9 chrC2.169210A | G | 0.3877 | 3998 |
| 9 chrC2.169175A | G | 0.1962 | 3848 |
| 9 chrC2.169099A | G | 0.2936 | 3998 |
| 9 chrC2.169007C | A | 0.2594 | 4002 |
| 9 chrC2.168971A | G | 0.3551 | 4002 |
| 9 chrC2.168881G | A | 0.3775 | 4000 |
| 9 chrC2.168854C | A | 0.4066 | 4004 |
| 9 chrUn23.1951A | G | 0.1637 | 4008 |
| 9 chrC2.149357A | G | 0.4905 | 3984 |
| 9 chrC2.149410A | G | 0.1319 | 3996 |
| 9 chrC2.149448G | A | 0.1487 | 3994 |
| 9 chrC2.149502G | A | 0.06035 | 4010 |
| 9 chrC2.149549G | A | 0.06013 | 4008 |
| 9 chrC2.149626A | G | 0.4556 | 4006 |
| 9 chrC2.149653A | G | 0.09091 | 4004 |
| 9 chrC2.149678A | C | 0.4993 | 4004 |
| 9 chrC2.149721A | G | 0.3354 | 4004 |

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| 9 chrC2.149750A | G | 0.4553 | 4000 |
| 9 chrC2.149780A | G | 0.2522 | 4000 |
| 9 chrB4.144210G | A | 0.4341 | 3992 |
| 9 chrC2.149840G | A | 0.2809 | 4002 |
| 9 chrC2.149870A | G | 0.3336 | 3996 |
| 9 chrC2.149910G | A | 0.01253 | 3990 |
| 9 chrC2.149940G | A | 0.3356 | 3978 |
| 9 chrC2.149980G | A | 0.2289 | 3988 |
| 9 chrC2.150000G | A | 0.2506 | 4006 |
| 9 chrC2.150050A | G | 0.2257 | 4006 |
| 9 chrC2.150080A | G | 0.1708 | 3946 |
| 9 chrC2.150110A | C | 0.3208 | 4002 |
| 9 chrC2.150110A | G | 0.2061 | 3712 |
| 9 chrC2.150150A | G | 0.1518 | 4000 |
| 9 chrC2.150290G | A | 0.128 | 4000 |
| 9 chrC2.150320A | G | 0.1643 | 4004 |
| 9 chrC2.150330G | A | 0.04455 | 3906 |
| 9 chrC2.150380A | G | 0.1811 | 3986 |
| 9 chrC2.150430G | A | 0.1911 | 3988 |
| 9 chrC2.150490G | A | 0.497 | 3968 |
| 9 chrC2.150570A | G | 0.2274 | 3958 |
| 9 chrC2.150610G | A | 0.1086 | 3998 |
| 9 chrC2.150640A | G | 0.4897 | 3794 |
| 9 chrC2.150670C | A | 0.4897 | 3804 |
| 9 chrC2.150720G | A | 0.06269 | 4004 |
| 9 chrC2.150770G | A | 0.3084 | 4004 |
| 9 chrC2.150800C | A | 0.1456 | 3990 |
| 9 chrC2.150820A | G | 0.3882 | 3998 |
| 9 chrC2.150890G | A | 0.1989 | 3966 |
| 9 chrC2.150930A | C | 0.3292 | 4004 |
| 9 chrC2.150960A | G | 0.03144 | 4008 |
| 9 chrC2.151030G | A | 0.481 | 3996 |
| 9 chrC2.151090C | A | 0.002993 | 4010 |
| 9 chrC2.151120C | A | 0.1186 | 3998 |
| 9 chrC2.151270C | A | 0.1791 | 4004 |
| 9 chrC2.151310G | A | 0.3047 | 4004 |
| 9 chrC2.151420A | G | 0.3198 | 4006 |
| 9 chrC2.151490A | G | 0.08379 | 4010 |
| 9 chrC2.151540A | G | 0.05971 | 3936 |
| 9 chrC2.151610G | A | 0.4047 | 3966 |
| 9 chrC2.151720A | G | 0.381 | 3992 |

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| 9 chrC2.151777A | G | 0.3616 | 4002 |
| 9 chrC2.151807A | C | 0.479 | 4004 |
| 9 chrC2.151832A | G | 0.2838 | 4000 |
| 9 chrC2.151860A | C | 0.3224 | 3986 |
| 9 chrC2.151886A | G | 0.336 | 4006 |
| 9 chrC2.151937G | A | 0.05906 | 3996 |
| 9 chrC2.151964G | A | 0.2912 | 4004 |
| 9 chrC2.152026A | G | 0.343 | 3994 |
| 9 chrC2.152051G | A | 0.3354 | 3980 |
| 9 chrC2.152091G | A | 0.489 | 4006 |
| 9 chrC2.152130A | G | 0.3726 | 3994 |
| 9 chrC2.152187C | A | 0.01973 | 4004 |
| 9 chrC2.152220C | A | 0.1199 | 3996 |
| 9 chrC2.152245G | A | 0.4833 | 4000 |
| 9 chrC2.152311G | A | 0.3791 | 3996 |
| 9 chrC2.152314 | 0 G | 0 | 4004 |
| 9 chrUn.252881A | G | 0.3256 | 3990 |
| 9 chrC2.152350C | A | 0.1942 | 3996 |
| 9 chrUn.155120A | G | 0.2574 | 3932 |
| 9 chrC2.152418A | G | 0.452 | 3956 |
| 9 chrC2.152437A | C | 0.00425 | 4000 |
| 9 chrC2.152458G | A | 0.02454 | 3912 |
| 9 chrC2.152498C | A | 0.4597 | 3968 |
| 9 chrC2.152568G | A | 0.1149 | 3986 |
| 9 chrC2.152599A | G | 0.4001 | 3992 |
| 9 chrC2.152637A | G | 0.3942 | 4000 |
| 9 chrC2.152683A | G | 0.2226 | 4002 |
| 9 chrC2.152721G | A | 0.1826 | 4008 |
| 9 chrC2.152761A | G | 0.1234 | 4002 |
| 9 chrC2.152807C | A | 0.4462 | 3998 |
| 9 chrC2.152840C | A | 0.1767 | 4002 |
| 9 chrC2.152903A | G | 0.1628 | 3956 |
| 9 chrC2.152962G | A | 0.2007 | 4006 |
| 9 chrC2.153017G | A | 0.1139 | 3986 |
| 9 chrC2.153073C | A | 0.1153 | 3998 |
| 9 chrC2.153187A | C | 0.07868 | 3978 |
| 9 chrC2.153218G | A | 0.0004993 | 4006 |
| 9 chrC2.153219C | A | 0.3385 | 3932 |
| 9 chrC2.153262A | G | 0.08612 | 4006 |
| 9 chrC2.153318A | G | 0.327 | 4000 |
| 9 chrC2.153352A | G | 0.1933 | 3890 |

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| 9 chrC2.153402A | C | 0.03858 | 3966 |
| 9 chrC2.153481A | G | 0.1519 | 4008 |
| 9 chrC2.153511G | A | 0.3133 | 3996 |
| 9 chrC2.153535A | G | 0.178 | 3994 |
| 9 chrC2.153561C | A | 0.1819 | 3980 |
| 9 chrC2.153608A | G | 0.03144 | 4008 |
| 9 chrC2.153634A | C | 0.153 | 3928 |
| 9 chrC2.153674G | A | 0.4985 | 3990 |
| 9 chrC2.153705G | A | 0.1439 | 3982 |
| 9 chrC2.153732A | G | 0.239 | 4000 |
| 9 chrC2.153770A | G | 0.2035 | 4004 |
| 9 chrC2.153875A | G | 0.4592 | 4000 |
| 9 chrC2.153900G | A | 0.1817 | 3984 |
| 9 chrC2.153941G | A | 0.4431 | 4004 |
| 9 chrC2.153966A | G | 0.1135 | 4010 |
| 9 chrC2.154117G | A | 0.4327 | 3998 |
| 9 chrC2.154167A | G | 0.4538 | 3958 |
| 9 chrC2.154214A | G | 0.216 | 3856 |
| 9 chrC2.154267A | C | 0.3546 | 4004 |
| 9 chrC2.154336C | A | 0.06485 | 3994 |
| 9 chrC2.154368A | G | 0.2441 | 4006 |
| 9 chrC2.154392A | G | 0.2609 | 4006 |
| 9 chrC2.154432A | G | 0.1495 | 4008 |
| 9 chrC2.154458A | C | 0.486 | 4000 |
| 9 chrC2.154533A | G | 0.396 | 3982 |
| 9 chrC2.154565A | G | 0.261 | 3984 |
| 9 chrC2.154640G | A | 0.4854 | 3986 |
| 9 chrC2.154665A | G | 0.1173 | 3998 |
| 9 chrC2.154710C | A | 0.4489 | 3970 |
| 9 chrC2.154740G | A | 0.3257 | 3998 |
| 9 chrC2.154790C | A | 0.2954 | 3984 |
| 9 chrC2.154894A | C | 0.2937 | 4000 |
| 9 chrC2.154985A | G | 0.1391 | 3940 |
| 9 chrC2.155028A | C | 0.3565 | 3992 |
| 9 chrC2.155083A | G | 0.09454 | 3956 |
| 9 chrC2.155132G | A | 0.4676 | 3982 |
| 9 chrC2.155157G | A | 0.4341 | 4008 |
| 9 chrC2.155182G | A | 0.1065 | 4008 |
| 9 chrC2.155217A | C | 0.3792 | 3998 |
| 9 chrC2.155254G | A | 0.2821 | 3992 |
| 9 chrC2.155298A | G | 0.124 | 3824 |

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| 9 chrC2.155373A | G | 0.2576 | 3998 |
| 9 chrC2.155407A | G | 0.1749 | 4002 |
| 9 chrC2.155418A | C | 0.4874 | 3962 |
| 9 chrC2.155422G | A | 0.002771 | 3970 |
| 9 chrC2.155482A | G | 0.4936 | 3928 |
| 9 chrC2.155526G | A | 0.3618 | 3994 |
| 9 chrC2.155589G | A | 0.2085 | 4000 |
| 9 chrC2.155637G | A | 0.1224 | 4002 |
| 9 chrC1.722508G | A | 0.2366 | 3968 |
| 9 chrC2.155716A | G | 0.1687 | 3942 |
| 9 chrC2.155751G | A | 0.1776 | 4008 |
| 9 chrC2.155779A | G | 0.1893 | 4000 |
| 9 chrC2.155827A | G | 0.3078 | 4006 |
| 9 chrC2.155900A | G | 0.4158 | 3978 |
| 9 chrC2.155951A | G | 0.4515 | 4004 |
| 9 chrC2.155975A | G | 0.1325 | 3986 |
| 9 chrC2.156021G | A | 0.09327 | 4010 |
| 9 chrC2.156026A | C | 0.156 | 3994 |
| 9 chrC2.156049G | A | 0.3464 | 3964 |
| 9 chrC2.156086A | G | 0.2841 | 4002 |
| 9 chrC2.156147G | A | 0.4796 | 3970 |
| 9 chrC2.156188G | A | 0.3726 | 3996 |
| 9 chrC2.156216G | A | 0.2459 | 4002 |
| 9 chrC2.156242A | G | 0.3443 | 3996 |
| 9 chrC2.156282A | C | 0.2611 | 3998 |
| 9 chrC2.156314A | G | 0.4191 | 3994 |
| 9 chrC2.156347A | G | 0.2039 | 4002 |
| 9 chrC2.156398A | G | 0.1943 | 3994 |
| 9 chrC2.156451A | G | 0.1452 | 4008 |
| 9 chrC2.156497A | G | 0.22 | 4004 |
| 9 chrC2.156560A | C | 0.4127 | 3954 |
| 9 chrC2.156602A | G | 0.3979 | 3900 |
| 9 chrC2.156672A | C | 0.08406 | 3688 |
| 9 chrC2.156703G | A | 0.01174 | 4004 |
| 9 chrC2.156754G | A | 0.2965 | 3996 |
| 9 chrC2.156809A | G | 0.4354 | 3870 |
| 9 chrC2.156861G | A | 0.1754 | 3974 |
| 9 chrC2.156891A | G | 0.1231 | 3932 |
| 9 chrC2.156939A | G | 0.08242 | 4004 |
| 9 chrC2.156965A | G | 0.3287 | 4004 |
| 9 chrC2.157008G | A | 0.2772 | 3994 |

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| 9 chrC2.157035G | A | 0.1861 | 3992 |
| 9 chrC2.157070C | A | 0.1429 | 4002 |
| 9 chrC2.157108G | A | 0.2186 | 4008 |
| 9 chrC2.157170G | A | 0.1678 | 3998 |
| 9 chrC2.157203A | G | 0.4908 | 4008 |
| 9 chrC2.157225G | A | 0.1118 | 4000 |
| 9 chrC2.157253A | G | 0.09141 | 4004 |
| 9 chrC2.157300A | G | 0.1822 | 4002 |
| 9 chrC2.157305G | A | 0.00025 | 4000 |
| 9 chrC2.157340G | A | 0.1847 | 3984 |
| 9 chrC2.157366G | A | 0.1775 | 3982 |
| 9 chrC2.157398A | G | 0.02707 | 3952 |
| 9 chrC2.157460G | A | 0.1801 | 3954 |
| 9 chrC2.157490A | G | 0.3538 | 3966 |
| 9 chrC2.157526A | G | 0.05944 | 4004 |
| 9 chrC2.157573A | C | 0.4992 | 4000 |
| 9 chrC2.157619A | G | 0.07032 | 3996 |
| 9 chrC2.157651C | A | 0.4854 | 3972 |
| 9 chrC2.157687A | G | 0.3942 | 4000 |
| 9 chrC2.157723A | C | 0.3392 | 3998 |
| 9 chrC2.157805G | A | 0.2358 | 4008 |
| 9 chrC2.157843A | G | 0.1104 | 3978 |
| 9 chrC2.157876C | A | 0.3571 | 4004 |
| 9 chrC2.157906A | G | 0.09294 | 3992 |
| 9 chrC2.157947A | G | 0.2394 | 3994 |
| 9 chrC2.158001C | A | 0.299 | 3990 |
| 9 chrC2.158058A | G | 0.03423 | 4002 |
| 9 chrC2.158066A | G | 0.1843 | 3998 |
| 9 chrC2.158145C | A | 0.4647 | 3914 |
| 9 chrC2.158189A | G | 0.1523 | 3992 |
| 9 chrC2.158234G | A | 0.256 | 4008 |
| 9 chrC2.158260A | G | 0.1341 | 3996 |
| 9 chrC2.158301A | G | 0.4877 | 3888 |
| 9 chrC2.158413A | G | 0.2586 | 3976 |
| 9 chrC2.158479C | A | 0.113 | 3990 |
| 9 chrC2.158566A | G | 0.2983 | 3976 |
| 9 chrC2.158568G | A | 0.02953 | 3996 |
| 9 chrC2.158639A | G | 0.4019 | 4006 |
| 9 chrC2.158734A | G | 0.0479 | 4008 |
| 9 chrC2.158771A | G | 0.07987 | 3994 |
| 9 chrC2.158796C | A | 0.07364 | 4006 |

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| 9 chrC2.158856A | G | 0.4594 | 3990 |
| 9 chrC2.158887A | G | 0.1112 | 3984 |
| 9 chrC2.158970A | G | 0.1091 | 4004 |
| 9 chrC2.158999A | C | 0.3307 | 3868 |
| 9 chrC2.159024A | G | 0.2224 | 4002 |
| 9 chrC2.159082A | G | 0.4599 | 3990 |
| 9 chrC2.159115G | A | 0.08904 | 3998 |
| 9 chrC2.159183A | G | 0.4983 | 4002 |
| 9 chrC2.159302G | A | 0.06985 | 3994 |
| 9 chrC2.159329A | C | 0.452 | 3996 |
| 9 chrC2.159335A | G | 0.01006 | 3978 |
| 9 chrC2.159356A | G | 0.3794 | 3980 |
| 9 chrC2.159394A | C | 0.2675 | 3952 |
| 9 chrC2.159427A | G | 0.1793 | 4004 |
| 9 chrC2.159469A | G | 0.3715 | 4000 |
| 9 chrC2.159515A | G | 0.1714 | 4008 |
| 9 chrC2.159563G | A | 0.2102 | 3972 |
| 9 chrC2.159592A | C | 0.2872 | 4008 |
| 9 chrC2.159624C | A | 0.2437 | 3976 |
| 9 chrC2.159651A | G | 0.1873 | 4010 |
| 9 chrC2.159682G | A | 0.08526 | 3988 |
| 9 chrC2.159709A | G | 0.1271 | 3998 |
| 9 chrC2.159780A | G | 0.257 | 3984 |
| 9 chrC2.159832G | A | 0.436 | 4002 |
| 9 chrC2.159877G | A | 0.278 | 3986 |
| 9 chrC2.159932G | A | 0.3789 | 3996 |
| 9 chrC2.159966G | A | 0.2384 | 3960 |
| 9 chrC2.160038A | C | 0.1836 | 3998 |
| 9 chrC2.160106G | A | 0.02844 | 4008 |
| 9 chrC2.160110A | G | 0.03318 | 4008 |
| 9 chrC2.160146A | G | 0.2281 | 3998 |
| 9 chrC2.160176A | G | 0.4731 | 3984 |
| 9 chrC2.160227G | A | 0.3009 | 3998 |
| 9 chrC2.160267A | G | 0.0436 | 3968 |
| 9 chrC2.160291A | G | 0.04325 | 4000 |
| 9 chrC2.160330A | G | 0.02776 | 3998 |
| 9 chrC2.160373A | G | 0.1767 | 4000 |
| 9 chrC2.160403A | C | 0.009538 | 3984 |
| 9 chrC2.160431A | G | 0.1435 | 4006 |
| 9 chrC2.160468A | G | 0.03618 | 4008 |
| 9 chrC2.160493A | G | 0.02035 | 3784 |

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| 9 chrC2.160561G | A | 0.2288 | 4004 |
| 9 chrC2.16060C A | G | 0.3204 | 3970 |
| 9 chrC2.160637G | A | 0.0803 | 4010 |
| 9 chrC2.160669G | A | 0.06515 | 4006 |
| 9 chrC2.16075C C | A | 0.2093 | 4008 |
| 9 chrC2.160779A | G | 0.493 | 4004 |
| 9 chrC2.160819A | G | 0.06487 | 3962 |
| 9 chrC2.16086C A | G | 0.3859 | 3926 |
| 9 chrC2.160889A | G | 0.149 | 3966 |
| 9 chrC2.160947G | A | 0.1225 | 3968 |
| 9 chrUn17.8437G | A | 0.1437 | 4002 |
| 9 chrUn17.9047A | C | 0.2597 | 4004 |
| 9 chrUn17.9447C | A | 0.1708 | 3934 |
| 9 chrC2.168781A | G | 0.2784 | 3998 |
| 9 chrC2.168739A | G | 0.09361 | 4006 |
| 9 chrC2.168701G | A | 0.2195 | 3908 |
| 9 chrC2.16866C G | A | 0.07219 | 3948 |
| 9 chrC2.168609A | G | 0.1141 | 3884 |
| 9 chrC2.168579G | A | 0.4367 | 3984 |
| 9 chrC2.168451A | G | 0.4637 | 3970 |
| 9 chrC2.168402G | A | 0.2543 | 3996 |
| 9 chrC2.168367G | A | 0.3218 | 3972 |
| 9 chrC2.168309C | A | 0.3254 | 3998 |
| 9 chrC2.16825C G | A | 0.1021 | 3938 |
| 9 chrC2.168227A | G | 0.2404 | 4002 |
| 9 chrC2.168197A | G | 0.0924 | 3712 |
| 9 chrC2.168159G | A | 0.303 | 4006 |
| 9 chrC2.168129A | G | 0.0005005 | 3996 |
| 9 chrC2.168129A | C | 0.2267 | 4006 |
| 9 chrC2.168079A | G | 0.1783 | 4004 |
| 9 chrC2.167999A | G | 0.3814 | 3956 |
| 9 chrC2.167952A | G | 0.1556 | 4004 |
| 9 chrC2.167911G | A | 0.2622 | 3642 |
| 9 chrC2.167829A | G | 0.2831 | 3998 |
| 9 chrC2.167879A | G | 0.1474 | 3982 |
| 9 chrC2.167759G | A | 0.1571 | 3914 |
| 9 chrC2.167731A | C | 0.02672 | 3892 |
| 9 chrC2.167699G | A | 0.11 | 3956 |
| 9 chrC2.167652G | A | 0.05025 | 4000 |
| 9 chrC2.167637A | G | 0.1463 | 3986 |
| 9 chrC2.167599G | A | 0.1705 | 3976 |

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| 9 chrC2.167534A | G | 0.3422 | 4004 |
| 9 chrC2.167492A | G | 0.1356 | 3834 |
| 9 chrC2.167431A | G | 0.1799 | 4002 |
| 9 chrC2.167375A | G | 0.3828 | 3986 |
| 9 chrC2.167347A | G | 0.04557 | 3950 |
| 9 chrC2.167297A | G | 0.06568 | 4004 |
| 9 chrC2.167272A | G | 0.04464 | 4010 |
| 9 chrC2.167235A | G | 0.368 | 3984 |
| 9 chrC2.167201G | A | 0.194 | 3984 |
| 9 chrC2.167161G | A | 0.451 | 3980 |
| 9 chrC2.167115A | G | 0.493 | 3990 |
| 9 chrC2.167067A | G | 0.3693 | 4008 |
| 9 chrC2.167027A | G | 0.1153 | 3720 |
| 9 chrC2.166992A | G | 0.371 | 3978 |
| 9 chrC2.166962A | G | 0.2529 | 4002 |
| 9 chrC2.166914G | A | 0.3622 | 3992 |
| 9 chrC2.166845 | 0 A | 0 | 4006 |
| 9 chrC2.166785G | A | 0.09236 | 4006 |
| 9 chrC2.166735G | A | 0.1547 | 3918 |
| 9 chrC2.166655A | G | 0.2121 | 3988 |
| 9 chrC2.166581C | A | 0.4187 | 3984 |
| 9 chrC2.166542G | A | 0.3584 | 3996 |
| 9 chrC2.166495G | A | 0.3915 | 3964 |
| 9 chrC2.166465A | G | 0.08131 | 3948 |
| 9 chrC2.166375A | G | 0.1853 | 4000 |
| 9 chrC2.166235G | A | 0.1335 | 4006 |
| 9 chrC2.166184A | C | 0.478 | 3812 |
| 9 chrC2.166185A | G | 0.1173 | 3760 |
| 9 chrC2.166100A | G | 0.2665 | 3794 |
| 9 chrC2.166067G | A | 0.2529 | 3966 |
| 9 chrC2.165954A | G | 0.2704 | 3990 |
| 9 chrC2.165918A | G | 0.1855 | 3984 |
| 9 chrC2.165868C | A | 0.321 | 3900 |
| 9 chrC2.165756A | G | 0.02348 | 4004 |
| 9 chrC2.165728A | G | 0.1078 | 3794 |
| 9 chrC2.165657A | G | 0.1727 | 4006 |
| 9 chrC2.165625A | G | 0.3595 | 4006 |
| 9 chrC2.165565A | C | 0.3984 | 3926 |
| 9 chrC2.165436A | G | 0.4415 | 3986 |
| 9 chrC2.165391A | G | 0.1812 | 3996 |
| 9 chrC2.165254A | G | 0.01792 | 3962 |

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| 9 chrC2.165228A | G | 0.0384 | 3984 |
| 9 chrC2.165175A | C | 0.1546 | 4010 |
| 9 chrC2.165175A | G | 0.001995 | 4010 |
| 9 chrC2.165150G | A | 0.1743 | 4000 |
| 9 chrC2.165059G | A | 0.431 | 4002 |
| 9 chrC2.165014A | G | 0.1488 | 3966 |
| 9 chrC2.164968G | A | 0.1709 | 3990 |
| 9 chrC2.164943C | A | 0.3579 | 3954 |
| 9 chrC2.164906G | A | 0.0453 | 3996 |
| 9 chrC2.164854A | G | 0.3135 | 3994 |
| 9 chrC2.164742A | G | 0.1321 | 3998 |
| 9 chrC2.164711G | A | 0.1885 | 3994 |
| 9 chrC2.164656A | G | 0.1226 | 3982 |
| 9 chrC2.164630A | G | 0.09241 | 4004 |
| 9 chrC2.164622A | G | 0.001748 | 4004 |
| 9 chrC2.164583G | A | 0.1444 | 3974 |
| 9 chrC2.164538G | A | 0.1816 | 3976 |
| 9 chrC2.164377A | G | 0.1891 | 3992 |
| 9 chrC2.164286A | G | 0.1812 | 4002 |
| 9 chrC2.164285G | A | 0.06075 | 4000 |
| 9 chrC2.164256G | A | 0.475 | 4008 |
| 9 chrC2.164240A | G | 0.1329 | 3912 |
| 9 chrC2.164213A | G | 0.4524 | 3970 |
| 9 chrC2.164189A | C | 0.1178 | 3946 |
| 9 chrC2.164135G | A | 0.1001 | 3908 |
| 9 chrC2.164104A | G | 0.09225 | 4000 |
| 9 chrC2.164075G | A | 0.2408 | 4004 |
| 9 chrUn.173149G | A | 0.3798 | 3876 |
| 9 chrC2.164032G | A | 0.4371 | 4008 |
| 9 chrC2.164006A | G | 0.1118 | 3998 |
| 9 chrC2.163948A | G | 0.1024 | 3936 |
| 9 chrC2.163788G | A | 0.09731 | 4008 |
| 9 chrC2.163754G | A | 0.131 | 4000 |
| 9 chrC2.163680A | G | 0.07713 | 4006 |
| 9 chrC2.163606A | G | 0.1616 | 3984 |
| 9 chrC2.163573G | A | 0.2841 | 4002 |
| 9 chrC2.163506G | A | 0.4729 | 3992 |
| 9 chrC2.163445A | C | 0.486 | 3986 |
| 9 chrC2.163410G | A | 0.4876 | 3944 |
| 9 chrC2.163360A | G | 0.4592 | 3970 |
| 9 chrUn.337100G | A | 0.1668 | 3860 |

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| 9 chrC2.163246A | G | 0.2544 | 4002 |
| 9 chrC2.163214A | G | 0.05333 | 3900 |
| 9 chrC2.163165A | G | 0.1484 | 4002 |
| 9 chrC2.163134A | G | 0.4344 | 3992 |
| 9 chrC2.163094C | A | 0.136 | 4008 |
| 9 chrC2.163053G | A | 0.008821 | 3968 |
| 9 chrC2.163027G | A | 0.009232 | 4008 |
| 9 chrC2.162983G | A | 0.02009 | 3982 |
| 9 chrC2.162954G | A | 0.2836 | 4006 |
| 9 chrC2.162927G | A | 0.2749 | 4002 |
| 9 chrC2.162872G | A | 0.457 | 3998 |
| 9 chrC2.162836A | G | 0.07193 | 4004 |
| 9 chrC2.162745G | A | 0.4403 | 3938 |
| 9 chrC2.162716A | G | 0.1215 | 3860 |
| 9 chrC2.162669A | G | 0.06422 | 4002 |
| 9 chrC2.162544A | C | 0.2986 | 3992 |
| 9 chrC2.162499G | A | 0.3561 | 4002 |
| 9 chrC2.162452A | G | 0.03546 | 3976 |
| 9 chrC2.162416G | A | 0.1315 | 4000 |
| 9 chrC2.162377G | A | 0.4835 | 3998 |
| 9 chrC2.162334A | G | 0.288 | 3982 |
| 9 chrC2.162310A | G | 0.48 | 4004 |
| 9 chrC2.162269A | G | 0.1111 | 3996 |
| 9 chrC2.162219C | A | 0.383 | 3922 |
| 9 chrC2.162169A | G | 0.008487 | 4006 |
| 9 chrC2.162126A | G | 0.2229 | 3980 |
| 9 chrC2.162101G | A | 0.4675 | 3996 |
| 9 chrC2.162055C | A | 0.1043 | 3990 |
| 9 chrC2.162015G | A | 0.1999 | 4002 |
| 9 chrC2.162009A | G | 0.4055 | 3998 |
| 9 chrC2.161984A | G | 0.01646 | 4010 |
| 9 chrC2.161943A | G | 0.1175 | 3982 |
| 9 chrC2.161917A | G | 0.2924 | 3998 |
| 9 chrC2.161869A | C | 0.4424 | 3924 |
| 9 chrC2.161842A | C | 0.04006 | 3994 |
| 9 chrC2.161841A | C | 0.0007489 | 4006 |
| 9 chrC2.161819G | A | 0.2339 | 4010 |
| 9 chrC2.161779G | A | 0.3741 | 4004 |
| 9 chrC2.161752A | G | 0.1158 | 3824 |
| 9 chrC2.161728G | A | 0.3717 | 3992 |
| 9 chrC2.161686G | A | 0.04742 | 3880 |

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| 9 chrC2.161659 | G | A | 0.1272 | 4000 |
| 9 chrC2.161633 | A | G | 0.3504 | 4004 |
| 9 chrC2.161589 | C | A | 0.1603 | 4000 |
| 9 chrC2.161545 | A | G | 0.1519 | 4010 |
| 9 chrC2.161505 | A | G | 0.2515 | 4000 |
| 9 chrC2.161469 | A | G | 0.3166 | 3996 |
| 9 chrC2.161443 | G | A | 0.241 | 4004 |
| 9 chrC2.161399 | A | G | 0.07032 | 4010 |
| 9 chrC2.161356 | G | A | 0.4766 | 3982 |
| 9 chrC2.161309 | A | G | 0.3191 | 3958 |
| 9 chrC2.161285 | G | A | 0.08346 | 3954 |
| 9 chrUn.122690 | A | C | 0.05318 | 3968 |
| 9 chrC2.161181 | G | A | 0.01497 | 4008 |
| 9 chrC2.161119 | G | A | 0.1743 | 4000 |
| 9 chrC2.161068 | A | G | 0.1742 | 4002 |
| 9 chrC2.160991 | A | G | 0.1696 | 3992 |
| 9 chrUn.400868 | G | A | 0.2395 | 3942 |
| 9 chrC2.161036 | G | A | 0.01473 | 4006 |
| 9 chrUn23.1413 | A | G | 0.3398 | 3994 |
| 9 chrUn20.8347 | A | G | 0.04795 | 4004 |
| 9 chrUn20.1913 | A | G | 0.04675 | 3722 |
| 9 chrUn.857450 | A | G | 0.3421 | 3996 |
| 10 chrD1.214378 | A | C | 0.2291 | 3986 |
| 10 chrD1.374987 | A | C | 0.1489 | 4002 |
| 10 chrD1.434046 | G | A | 0.1024 | 4002 |
| 10 chrD1.468003 | A | G | 0.06412 | 4008 |
| 10 chrD1.492223 | A | G | 0.4831 | 3962 |
| 10 chrD1.532458 | A | G | 0.1093 | 4006 |
| 10 chrD1.557409 | A | G | 0.2644 | 4006 |
| 10 chrD1.594325 | A | G | 0.1058 | 4000 |
| 10 chrD1.646100 | A | C | 0.1037 | 3994 |
| 10 chrD1.706570 | A | G | 0.0954 | 4004 |
| 10 chrD1.750826 | A | G | 0.282 | 3990 |
| 10 chrD1.797230 | G | A | 0.2549 | 3994 |
| 10 chrD1.830447 | A | G | 0.2674 | 4002 |
| 10 chrD1.902773 | A | G | 0.04489 | 4010 |
| 10 chrD1.954844 | A | G | 0.2315 | 4004 |
| 10 chrF1.46573 | G | A | 0.3883 | 3994 |
| 10 chrD1.102833 | C | A | 0.05817 | 3988 |
| 10 chrD1.105249 | C | A | 0.1669 | 4002 |
| 10 chrD1.108370 | A | G | 0.3249 | 4004 |

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| 10 chrD1.112853G | A | 0.2341 | 4002 |
| 10 chrD1.114156A | G | 0.04631 | 3844 |
| 10 chrD1.118739A | C | 0.2927 | 3994 |
| 10 chrUn.566046G | A | 0.2018 | 3984 |
| 10 chrD1.127178A | G | 0.1939 | 3986 |
| 10 chrD1.133819G | A | 0.07908 | 3996 |
| 10 chrD1.140567A | G | 0.2506 | 4002 |
| 10 chrD1.143327A | G | 0.07011 | 4008 |
| 10 chrD1.149219A | G | 0.2034 | 3992 |
| 10 chrD1.153611A | G | 0.04927 | 3998 |
| 10 chrD1.158146A | G | 0.08213 | 4006 |
| 10 chrD1.163347A | G | 0.07934 | 3920 |
| 10 chrD1.169749G | A | 0.2702 | 3920 |
| 10 chrD1.176758G | A | 0.3731 | 3978 |
| 10 chrD1.185651A | G | 0.4622 | 3996 |
| 10 chrD1.188239G | A | 0.2112 | 3954 |
| 10 chrD1.191273A | C | 0.05654 | 3962 |
| 10 chrD1.194264G | A | 0.2386 | 4006 |
| 10 chrD1.201799G | A | 0.248 | 3976 |
| 10 chrD1.204176G | A | 0.247 | 3968 |
| 10 chrD1.207059A | G | 0.1408 | 3942 |
| 10 chrD1.211259A | G | 0.4215 | 3934 |
| 10 chrD1.214576A | G | 0.01972 | 4006 |
| 10 chrD1.222919A | G | 0.4441 | 3936 |
| 10 chrD1.226149A | G | 0.1653 | 4004 |
| 10 chrD1.229928A | G | 0.04106 | 3994 |
| 10 chrD1.233757G | A | 0.06444 | 3988 |
| 10 chrD1.236317A | C | 0.04749 | 3832 |
| 10 chrD1.239107A | G | 0.2489 | 3990 |
| 10 chrD1.244211G | A | 0.4529 | 3994 |
| 10 chrD1.244386C | A | 0.0765 | 4000 |
| 10 chrD1.247809G | A | 0.2223 | 4000 |
| 10 chrD1.254757A | G | 0.366 | 3918 |
| 10 chrD1.259236A | G | 0.3606 | 4004 |
| 10 chrD1.262503G | A | 0.06918 | 3932 |
| 10 chrD1.265396A | C | 0.05897 | 4002 |
| 10 chrD1.269933G | A | 0.06662 | 4008 |
| 10 chrD1.272537A | G | 0.1382 | 3820 |
| 10 chrD1.277456A | G | 0.2594 | 4006 |
| 10 chrD1.281204A | G | 0.06325 | 4000 |
| 10 chrD1.289977A | G | 0.2684 | 4002 |

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| 10 chrD1.297397G | A | 0.05736 | 3992 |
| 10 chrD1.297436A | G | 0.09686 | 3944 |
| 10 chrD1.301120G | A | 0.3721 | 4002 |
| 10 chrD1.305931G | A | 0.03008 | 3990 |
| 10 chrD1.313538G | A | 0.3842 | 4000 |
| 10 chrD1.318891A | G | 0.3587 | 4006 |
| 10 chrD1.321509A | G | 0.3171 | 3996 |
| 10 chrD1.329117G | A | 0.2668 | 4010 |
| 10 chrD1.335119A | G | 0.2649 | 3994 |
| 10 chrD1.339020A | G | 0.188 | 3978 |
| 10 chrD1.342780C | A | 0.0002495 | 4008 |
| 10 chrD1.343521A | G | 0.4431 | 3986 |
| 10 chrD1.351458G | A | 0.01752 | 3996 |
| 10 chrD1.358286A | C | 0.101 | 3912 |
| 10 chrD1.365559G | A | 0.04698 | 4002 |
| 10 chrD1.369570A | G | 0.3257 | 4000 |
| 10 chrD1.373659G | A | 0.09436 | 4006 |
| 10 chrD1.377378A | G | 0.004543 | 3962 |
| 10 chrD1.387044A | G | 0.4532 | 3998 |
| 10 chrD1.392376C | A | 0.2075 | 3996 |
| 10 chrD1.398737G | A | 0.4497 | 4000 |
| 10 chrD1.402227A | G | 0.09955 | 3998 |
| 10 chrD1.405240A | C | 0.4433 | 3970 |
| 10 chrD1.408271A | G | 0.1736 | 3980 |
| 10 chrD1.408722G | A | 0.04745 | 4004 |
| 10 chrD1.414009A | C | 0.04673 | 4002 |
| 10 chrD1.417336A | G | 0.149 | 3652 |
| 10 chrD1.421700G | A | 0.1286 | 3990 |
| 10 chrD1.426439G | A | 0.49 | 3990 |
| 10 chrUn.334621G | A | 0.2902 | 3860 |
| 10 chrD1.434779A | G | 0.07796 | 4002 |
| 10 chrD1.441549G | A | 0.2393 | 3908 |
| 10 chrD1.446641A | G | 0.2349 | 3998 |
| 10 chrD1.450953A | G | 0.1389 | 4010 |
| 10 chrD1.453857G | A | 0.3245 | 3988 |
| 10 chrD1.461378A | G | 0.06221 | 3906 |
| 10 chrD1.468129G | A | 0.1164 | 3996 |
| 10 chrD1.471489A | G | 0.2436 | 4010 |
| 10 chrD1.477064A | G | 0.488 | 3990 |
| 10 chrD1.480192G | A | 0.3672 | 3924 |
| 10 chrD1.484927G | A | 0.2889 | 3998 |

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| 10 chrD1.487783 | A | 0.4249 | 3968 |
| 10 chrD1.490417 | G | 0.1481 | 4004 |
| 10 chrD1.494865 | G | 0.1724 | 3996 |
| 10 chrD1.502107 | G | 0.001503 | 3992 |
| 10 chrD1.502691 | A | 0.001247 | 4010 |
| 10 chrD1.506995 | C | 0.263 | 3974 |
| 10 chrD1.511147 | A | 0.1502 | 3822 |
| 10 chrD1.513558 | C | 0.1968 | 4004 |
| 10 chrD1.516606 | A | 0.08192 | 4004 |
| 10 chrD1.523754 | A | 0.3711 | 3996 |
| 10 chrD1.555081 | G | 0.03264 | 3952 |
| 10 chrD1.637776 | G | 0.1173 | 3974 |
| 10 chrD1.633906 | G | 0.001249 | 4004 |
| 10 chrD1.615697 | G | 0.3205 | 3700 |
| 10 chrUn.459234 | A | 0.307 | 3964 |
| 10 chrD1.650921 | C | 0.4037 | 3800 |
| 10 chrE3.430504 | G | 0.4985 | 3914 |
| 10 chrC1.210339 | A | 0.2746 | 3984 |
| 10 chrE3.608915 | A | 0.1388 | 3990 |
| 10 chrD1.527057 | A | 0.2422 | 3774 |
| 10 chrD1.549419 | G | 0.302 | 4006 |
| 10 chrD1.560491 | G | 0.2041 | 3988 |
| 10 chrD1.570734 | A | 0.4175 | 4000 |
| 10 chrD1.575597 | C | 0.1326 | 4004 |
| 10 chrD1.578814 | C | 0.4567 | 3948 |
| 10 chrD1.583758 | A | 0.1475 | 4006 |
| 10 chrD1.588966 | A | 0.3097 | 3846 |
| 10 chrD1.591629 | A | 0.1772 | 3968 |
| 10 chrD1.596126 | C | 0.2218 | 4000 |
| 10 chrD1.620377 | C | 0.1539 | 4002 |
| 10 chrD1.607421 | G | 0.3159 | 3988 |
| 10 chrD1.613811 | C | 0.005266 | 3988 |
| 10 chrB2.517676 | C | 0.293 | 3898 |
| 10 chrD1.647416 | C | 0.2485 | 4000 |
| 10 chrD1.655206 | A | 0.1871 | 3982 |
| 10 chrD1.663031 | G | 0.1237 | 3984 |
| 10 chrD1.667571 | A | 0.2586 | 4002 |
| 10 chrD1.671111 | A | 0.3246 | 3842 |
| 10 chrD1.673816 | A | 0.0002496 | 4006 |
| 10 chrD1.675009 | A | 0.2056 | 3838 |
| 10 chrD1.682039 | A | 0.31 | 4006 |

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| 10 chrD1.68644 | C | 0.2556 | 3998 |
| 10 chrD1.69107 | G | 0.385 | 3930 |
| 10 chrD1.69555 | A | 0.4445 | 4000 |
| 10 chrD1.70139 | G | 0.1279 | 4002 |
| 10 chrD1.70587 | A | 0.3671 | 4010 |
| 10 chrD1.70850 | A | 0.2234 | 3822 |
| 10 chrD1.71317 | G | 0.3484 | 4004 |
| 10 chrD1.72186 | G | 0.301 | 4006 |
| 10 chrD1.72453 | C | 0.1324 | 4004 |
| 10 chrD1.72875 | G | 0.3986 | 3994 |
| 10 chrD1.73726 | G | 0.2429 | 3998 |
| 10 chrD1.74193 | C | 0.269 | 3992 |
| 10 chrD1.74637 | A | 0.3565 | 3980 |
| 10 chrD1.74945 | G | 0.3156 | 4002 |
| 10 chrD1.75522 | G | 0.1566 | 3992 |
| 10 chrD1.76001 | G | 0.4047 | 3986 |
| 10 chrD1.76615 | G | 0.07929 | 3998 |
| 10 chrD1.77286 | C | 0.4005 | 3998 |
| 10 chrD1.77722 | G | 0.04171 | 3956 |
| 10 chrD1.78138 | G | 0.386 | 3990 |
| 10 chrD1.78527 | G | 0.3204 | 3904 |
| 10 chrD1.78926 | A | 0.05622 | 4002 |
| 10 chrD1.79825 | G | 0.06241 | 4006 |
| 10 chrD1.80620 | A | 0.2014 | 4006 |
| 10 chrD1.81442 | C | 0.07039 | 3978 |
| 10 chrD1.81878 | G | 0.1209 | 3880 |
| 10 chrD1.82499 | G | 0.4712 | 3990 |
| 10 chrD1.82775 | G | 0.25 | 4000 |
| 10 chrD1.83104 | C | 0.466 | 3996 |
| 10 chrD1.83686 | A | 0.0002494 | 4010 |
| 10 chrD1.84493 | G | 0.1751 | 4008 |
| 10 chrD1.84828 | A | 0.2129 | 4002 |
| 10 chrUn.52925 | A | 0.1409 | 4004 |
| 10 chrD1.85456 | A | 0.4351 | 3988 |
| 10 chrD1.85992 | G | 0.104 | 3970 |
| 10 chrD1.86508 | G | 0.2712 | 3990 |
| 10 chrD1.87379 | A | 0.2085 | 4000 |
| 10 chrD1.87775 | G | 0.3374 | 4004 |
| 10 chrD1.88076 | A | 0.1571 | 3990 |
| 10 chrD1.88626 | A | 0.2021 | 3988 |
| 10 chrD1.89312 | A | 0.4397 | 4000 |

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| 10 chrD1.90051(A | G | 0.1837 | 4002 |
| 10 chrD1.91263(G | A | 0.1193 | 4006 |
| 10 chrD1.91742(A | C | 0.04641 | 3986 |
| 10 chrD1.92129(A | A | 0.3784 | 3988 |
| 10 chrD1.92500(A | G | 0.2136 | 3970 |
| 10 chrD1.93170(A | C | 0.2679 | 3998 |
| 10 chrD1.93439(A | G | 0.4162 | 4008 |
| 10 chrD1.93844(G | A | 0.3546 | 3990 |
| 10 chrD1.94087(C | A | 0.2839 | 4002 |
| 10 chrD1.94373(A | G | 0.3591 | 4002 |
| 10 chrD1.94795(A | G | 0.08882 | 4008 |
| 10 chrD1.95478(G | A | 0.3408 | 3994 |
| 10 chrD1.95852(A | C | 0.02495 | 4008 |
| 10 chrD1.96125(A | G | 0.03614 | 3984 |
| 10 chrD1.96948(A | G | 0.05925 | 3730 |
| 10 chrD1.97484(A | G | 0.089 | 4000 |
| 10 chrD1.97776(A | G | 0.2843 | 3996 |
| 10 chrD1.98424(A | G | 0.04111 | 3868 |
| 10 chrD1.98990(C | A | 0.2366 | 3998 |
| 10 chrD1.99296(A | G | 0.06653 | 3998 |
| 10 chrD1.99726(A | G | 0.157 | 3974 |
| 10 chrD1.10013(C | A | 0.247 | 3988 |
| 10 chrD1.10129(A | C | 0.09584 | 3986 |
| 10 chrD1.10188(A | G | 0.2033 | 4004 |
| 10 chrD1.10227(A | C | 0.1662 | 3820 |
| 10 chrD1.10258(G | A | 0.1855 | 3904 |
| 10 chrD1.10310(A | G | 0.0641 | 3994 |
| 10 chrD1.10337(A | G | 0.2781 | 3938 |
| 10 chrD1.10362(G | A | 0.412 | 4002 |
| 10 chrD1.10419(A | C | 0.1426 | 3970 |
| 10 chrD1.10455(G | A | 0.2015 | 4004 |
| 10 chrD1.10481(A | G | 0.1292 | 3948 |
| 10 chrD1.10516(G | A | 0.1182 | 4002 |
| 10 chrD1.10544(A | G | 0.2239 | 3998 |
| 10 chrD1.10551(A | G | 0.06241 | 4006 |
| 10 chrD1.10580(G | A | 0.3362 | 3998 |
| 10 chrB3.12906(G | A | 0.07822 | 3976 |
| 10 chrD1.10612(G | A | 0.07858 | 3996 |
| 10 chrD1.10641(C | A | 0.05708 | 3802 |
| 10 chrD1.10642(A | G | 0.08059 | 4008 |
| 10 chrD1.10676(A | G | 0.1034 | 3976 |

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| 10 chrD1.107076 | A | 0.3533 | 3974 |
| 10 chrD1.107754 | A | 0.2616 | 4006 |
| 10 chrD1.108269 | A | 0.121 | 3942 |
| 10 chrD1.108947 | G | 0.3572 | 3998 |
| 10 chrD1.109229 | A | 0.2172 | 4000 |
| 10 chrD1.109558 | A | 0.1197 | 4002 |
| 10 chrD1.110004 | A | 0.4758 | 4002 |
| 10 chrD1.110384 | G | 0.3408 | 3958 |
| 10 chrD1.110937 | G | 0.139 | 4008 |
| 10 chrD1.111407 | G | 0.3012 | 3998 |
| 10 chrD1.111887 | A | 0.4724 | 3916 |
| 10 chrD1.112159 | A | 0.1328 | 3984 |
| 10 chrD1.112469 | A | 0.4562 | 3996 |
| 10 chrD1.112768 | A | 0.1956 | 3932 |
| 10 chrD1.113117 | A | 0.06925 | 4000 |
| 10 chrD1.113549 | A | 0.03595 | 3866 |
| 10 chrD1.114196 | G | 0.1674 | 4002 |
| 10 chrD1.114889 | G | 0.1679 | 3990 |
| 10 chrD1.115706 | G | 0.1049 | 4002 |
| 10 chrD1.116339 | A | 0.08784 | 3996 |
| 10 chrD1.116579 | A | 0.269 | 3996 |
| 10 chrD1.117047 | A | 0.04496 | 3848 |
| 10 chrD1.117519 | G | 0.2904 | 3998 |
| 10 chrD1.117704 | G | 0.0002494 | 4010 |
| 10 chrD1.117764 | G | 0.07751 | 3806 |
| 10 chrD1.118139 | A | 0.03618 | 3980 |
| 10 chrD1.118297 | A | 0.2988 | 3982 |
| 10 chrD1.118706 | A | 0.03127 | 3870 |
| 10 chrD1.119117 | A | 0.4692 | 3932 |
| 10 chrD1.120986 | G | 0.01925 | 3948 |
| 10 chrD1.121486 | G | 0.09041 | 4004 |
| 10 chrD1.122189 | A | 0.05804 | 3980 |
| 10 chrD1.122699 | C | 0.1482 | 3724 |
| 10 chrD1.123024 | G | 0.05687 | 3886 |
| 10 chrD1.123317 | G | 0.1806 | 3958 |
| 10 chrD1.123577 | G | 0.1084 | 3994 |
| 10 chrD1.123836 | G | 0.4148 | 4004 |
| 10 chrD1.124249 | A | 0.2421 | 3998 |
| 10 chrD1.124539 | A | 0.0669 | 4006 |
| 10 chrD1.124819 | C | 0.1147 | 3976 |
| 10 chrD1.125187 | A | 0.2379 | 3960 |

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| 10 chrD1.125615G | A | 0.3146 | 4002 |
| 10 chrD1.125624C | A | 0.03203 | 3996 |
| 10 chrD1.126235A | G | 0.1149 | 3996 |
| 10 chrD1.126774A | G | 0.04516 | 3986 |
| 10 chrD1.127478G | A | 0.0002496 | 4006 |
| 10 chrD1.127767A | C | 0.2208 | 3990 |
| 10 chrD1.128988G | A | 0.09186 | 4006 |
| 10 chrD1.129435G | A | 0.04915 | 3642 |
| 10 chrD1.130257G | A | 0.4589 | 3992 |
| 10 chrD1.130625A | G | 0.06635 | 3994 |
| 10 chrD1.131075A | G | 0.4957 | 3960 |
| 10 chrD1.131327A | G | 0.3045 | 4010 |
| 10 chrD1.131617A | G | 0.4215 | 4000 |
| 10 chrD1.131925A | C | 0.08178 | 3644 |
| 10 chrD1.132338A | G | 0.1347 | 4002 |
| 10 chrD1.132655A | G | 0.1303 | 3992 |
| 10 chrD1.132737G | A | 0.1968 | 3974 |
| 10 chrD1.132785G | A | 0.2174 | 3992 |
| 10 chrD1.133388G | A | 0.1678 | 3994 |
| 10 chrD1.133717C | A | 0.1607 | 3982 |
| 10 chrD1.133967C | A | 0.3643 | 3928 |
| 10 chrD1.134555G | A | 0.1617 | 4002 |
| 10 chrD1.134857G | A | 0.3277 | 4000 |
| 10 chrD1.135357A | G | 0.4268 | 4004 |
| 10 chrD1.135716A | G | 0.0002496 | 4006 |
| 10 chrD1.137045A | G | 0.03941 | 3958 |
| 10 chrD1.137915A | C | 0.07822 | 3682 |
| 10 chrD1.138267A | C | 0.4194 | 4008 |
| 10 chrD1.138647G | A | 0.3134 | 3934 |
| 10 chrD1.139365A | G | 0.3335 | 4006 |
| 10 chrD1.139667A | G | 0.3009 | 4004 |
| 10 chrD1.140014G | A | 0.000499 | 4008 |
| 10 chrD1.140035A | C | 0.09056 | 3666 |
| 10 chrD1.140447G | A | 0.1205 | 3950 |
| 10 chrD1.140815A | G | 0.4225 | 3974 |
| 10 chrD1.141057G | A | 0.2614 | 3998 |
| 10 chrD1.141357A | G | 0.03209 | 3958 |
| 10 chrD1.141757A | G | 0.2136 | 3848 |
| 10 chrD1.142076A | G | 0.4203 | 4002 |
| 10 chrD1.142567A | G | 0.2218 | 4000 |
| 10 chrD1.142944A | G | 0.03011 | 3986 |

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| 10 chrD1.14335(A | G | 0.3122 | 3994 |
| 10 chrD1.14381(A | G | 0.1498 | 4006 |
| 10 chrD1.14416(C | A | 0.3498 | 3974 |
| 10 chrD1.14485(A | G | 0.1405 | 4008 |
| 10 chrD1.14512(A | G | 0.08929 | 3976 |
| 10 chrD1.14560(G | A | 0.005492 | 4006 |
| 10 chrD1.14589(A | G | 0.2985 | 3900 |
| 10 chrD1.14659(G | A | 0.321 | 3966 |
| 10 chrD1.14698(A | 0 A | 0 | 4008 |
| 10 chrD1.14703(A | G | 0.2619 | 3994 |
| 10 chrD1.14748(A | G | 0.3312 | 3992 |
| 10 chrD1.14772(G | A | 0.04516 | 4008 |
| 10 chrD1.14838(A | G | 0.2346 | 3994 |
| 10 chrD1.14838(A | C | 0.447 | 4000 |
| 10 chrD1.14978(A | C | 0.3196 | 3980 |
| 10 chrD1.15012(A | C | 0.3666 | 4002 |
| 10 chrD1.15304(A | G | 0.2267 | 4006 |
| 10 chrUn.22745(A | G | 0.4529 | 3988 |
| 10 chrUn12.107(A | G | 0.4982 | 3988 |
| 10 chrD1.15393(G | A | 0.0785 | 3962 |
| 10 chrD1.15431(A | C | 0.1005 | 4008 |
| 10 chrD1.15461(A | G | 0.2643 | 3988 |
| 10 chrD1.15554(A | G | 0.1329 | 3996 |
| 10 chrD1.15631(A | G | 0.09339 | 3962 |
| 10 chrD1.15661(A | C | 0.2685 | 3926 |
| 10 chrD1.15661(A | G | 0.1603 | 4000 |
| 10 chrD1.15703(C | A | 0.02089 | 3974 |
| 10 chrD1.15750(G | A | 0.2788 | 3988 |
| 10 chrD1.15776(A | G | 0.0676 | 3876 |
| 10 chrD1.15822(A | G | 0.0347 | 4006 |
| 10 chrD1.15881(G | A | 0.2154 | 4002 |
| 10 chrD1.15911(A | G | 0.001996 | 4008 |
| 10 chrD1.15940(G | A | 0.3206 | 3996 |
| 10 chrD1.15968(A | G | 0.1557 | 4002 |
| 10 chrD1.16026(G | A | 0.2205 | 3946 |
| 10 chrD1.16052(C | A | 0.1441 | 3996 |
| 10 chrD1.16081(G | A | 0.2315 | 4000 |
| 10 chrB2.193151A | G | 0.399 | 4000 |
| 10 chrD1.16113(A | G | 0.4978 | 4002 |
| 10 chrD1.16138(G | A | 0.3756 | 4004 |
| 10 chrD1.16190(A | C | 0.2168 | 3948 |

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| 10 chrD1.16265(A | G | 0.07937 | 3994 |
| 10 chrD1.16297(G | A | 0.4154 | 3970 |
| 10 chrD1.16390(G | A | 0.1136 | 3998 |
| 10 chrD1.16425(C | 0 A | 0 | 3990 |
| 10 chrD1.16466(G | A | 0.1215 | 3770 |
| 10 chrD1.16505(C | A | 0.06335 | 3994 |
| 10 chrD1.16572(A | G | 0.4324 | 3992 |
| 10 chrD1.16605(G | A | 0.04757 | 3952 |
| 10 chrD1.16654(C | A | 0.08521 | 4002 |
| 10 chrD1.16720(C | C | 0.03833 | 3966 |
| 10 chrD1.16753(G | G | 0.2174 | 3992 |
| 10 chrD1.16819(A | G | 0.3323 | 4000 |
| 10 chrD1.16844(C | C | 0.3211 | 3996 |
| 10 chrD1.16879(A | G | 0.2829 | 3998 |
| 10 chrD1.16921(G | G | 0.1581 | 3986 |
| 10 chrD1.16957(A | G | 0.4171 | 3994 |
| 10 chrD1.16994(C | C | 0.1263 | 4006 |
| 10 chrD1.17046(G | G | 0.1817 | 3996 |
| 10 chrD1.17047(G | G | 0.2052 | 4006 |
| 10 chrD1.17082(G | G | 0.08755 | 3952 |
| 10 chrD1.17114(G | G | 0.3275 | 3948 |
| 10 chrD1.17161(G | G | 0.3231 | 3996 |
| 10 chrD1.17191(G | G | 0.2107 | 3992 |
| 10 chrD1.17230(A | G | 0.3233 | 4002 |
| 10 chrD1.17276(G | G | 0.2053 | 3994 |
| 10 chrD1.17353(G | A | 0.2717 | 3982 |
| 10 chrD1.17390(G | G | 0.04517 | 3852 |
| 10 chrD1.17425(G | G | 0.1336 | 3998 |
| 10 chrD1.17425(G | A | 0.4196 | 3994 |
| 10 chrD1.17489(C | G | 0.06737 | 4008 |
| 10 chrD1.17538(C | A | 0.4505 | 3998 |
| 10 chrD1.17580(G | A | 0.1342 | 3986 |
| 10 chrD1.17620(G | G | 0.2111 | 3946 |
| 10 chrD1.17675(C | G | 0.2282 | 4006 |
| 10 chrD1.17699(G | A | 0.03917 | 4008 |
| 10 chrD1.17737(C | A | 0.4478 | 4006 |
| 10 chrD1.17768(G | A | 0.2007 | 4000 |
| 10 chrD1.17798(G | A | 0.1074 | 3984 |
| 10 chrD1.17827(G | A | 0.03295 | 4006 |
| 10 chrD1.17854(G | A | 0.0524 | 3798 |
| 10 chrD1.17934(G | G | 0.2476 | 4002 |

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| 10 chrD1.180283G | A | 0.04669 | 3984 |
| 10 chrD1.180923A | G | 0.02996 | 4006 |
| 10 chrD1.181250A | G | 0.03078 | 3964 |
| 10 chrD1.181693A | G | 0.4868 | 3948 |
| 10 chrD1.181939G | A | 0.05167 | 4006 |
| 10 chrD1.182626G | A | 0.07214 | 4006 |
| 10 chrD1.183536A | G | 0.4155 | 3998 |
| 10 chrD1.184257G | A | 0.3757 | 4000 |
| 10 chrD1.184608A | G | 0.4124 | 3994 |
| 10 chrD1.185019A | G | 0.3321 | 3990 |
| 10 chrD1.185246C | A | 0.293 | 3990 |
| 10 chrD1.185544A | G | 0.4647 | 3998 |
| 10 chrD1.186583A | G | 0.128 | 3992 |
| 10 chrD1.187299G | A | 0.2677 | 3960 |
| 10 chrD1.187544A | G | 0.09872 | 3900 |
| 10 chrD1.188090C | A | 0.1495 | 3946 |
| 10 chrD1.188361A | C | 0.4172 | 3938 |
| 10 chrD1.188640C | A | 0.1825 | 3994 |
| 10 chrD1.188917A | G | 0.3292 | 3828 |
| 10 chrD1.189273A | G | 0.4843 | 3950 |
| 10 chrD1.190850G | A | 0.09797 | 3838 |
| 10 chrD1.191164G | A | 0.007932 | 3908 |
| 10 chrD1.191708C | A | 0.2408 | 3920 |
| 10 chrD1.191959G | A | 0.1739 | 4008 |
| 10 chrD1.192079A | G | 0.2988 | 3956 |
| 10 chrD1.192328A | G | 0.345 | 3986 |
| 10 chrD1.192580A | G | 0.08992 | 3970 |
| 10 chrD1.193108 | 0 G | 0 | 4006 |
| 10 chrD1.193369A | G | 0.09327 | 4010 |
| 10 chrD1.193667A | G | 0.02344 | 4010 |
| 10 chrD1.194220G | A | 0.433 | 3998 |
| 10 chrD1.194488G | A | 0.4562 | 3992 |
| 10 chrD1.194800A | G | 0.0416 | 3990 |
| 10 chrD1.195960G | A | 0.3284 | 3992 |
| 10 chrD1.196210A | G | 0.1284 | 4004 |
| 10 chrD1.196536A | G | 0.1647 | 4000 |
| 10 chrD1.197259A | G | 0.4566 | 4006 |
| 10 chrD1.197538A | G | 0.1125 | 4000 |
| 10 chrD1.197898A | G | 0.07016 | 3948 |
| 10 chrD1.198798G | A | 0.2164 | 3942 |
| 10 chrD1.199328A | G | 0.005985 | 4010 |

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| 10 chrD1.19959G | A | 0.1691 | 4004 |
| 10 chrD1.19989A | G | 0.3571 | 3996 |
| 10 chrD1.20029A | G | 0.283 | 4004 |
| 10 chrD1.20075A | G | 0.09531 | 4008 |
| 10 chrD1.20113A | G | 0.4215 | 3862 |
| 10 chrD1.20148C | A | 0.09576 | 3916 |
| 10 chrD1.20222A | G | 0.2741 | 4006 |
| 10 chrD1.20261A | C | 0.4353 | 4002 |
| 10 chrD1.20331G | A | 0.1495 | 4008 |
| 10 chrD1.20361A | G | 0.4761 | 3978 |
| 10 chrD1.20397A | G | 0.3553 | 3960 |
| 10 chrD1.20431G | A | 0.03477 | 3998 |
| 10 chrD1.20481G | A | 0.06867 | 3990 |
| 10 chrD1.20508A | G | 0.1108 | 3962 |
| 10 chrD1.20543G | A | 0.363 | 3994 |
| 10 chrD1.20605C | A | 0.3716 | 4002 |
| 10 chrD1.20681A | G | 0.2716 | 4002 |
| 10 chrD1.20717G | A | 0.4352 | 3994 |
| 10 chrD1.20770A | G | 0.1464 | 3996 |
| 10 chrD1.20799A | G | 0.2212 | 3982 |
| 10 chrD1.20843A | G | 0.04429 | 3996 |
| 10 chrD1.20877A | G | 0.4571 | 3962 |
| 10 chrD1.20918A | G | 0.2821 | 3998 |
| 10 chrD1.21056A | G | 0.2076 | 3970 |
| 10 chrD1.21118A | C | 0.2696 | 3980 |
| 10 chrD1.21151C | A | 0.2244 | 3998 |
| 10 chrD1.21208A | G | 0.2235 | 4004 |
| 10 chrD1.21274A | G | 0.004239 | 4010 |
| 10 chrD1.21319G | A | 0.4977 | 3994 |
| 10 chrD1.21360G | A | 0.4054 | 3996 |
| 10 chrD1.21373G | A | 0.1791 | 4004 |
| 10 chrD1.21409G | A | 0.02896 | 4006 |
| 10 chrD1.21442G | A | 0.3159 | 3976 |
| 10 chrD1.21468A | G | 0.2234 | 3998 |
| 10 chrD1.21494A | G | 0.1361 | 3938 |
| 10 chrD1.21497A | G | 0.1627 | 4000 |
| 10 chrD1.21518G | A | 0.1762 | 4002 |
| 10 chrD1.21576A | G | 0.1835 | 4006 |
| 10 chrD1.21607A | G | 0.166 | 3730 |
| 10 chrD1.21674A | C | 0.03616 | 4010 |
| 10 chrD1.21731G | A | 0.1683 | 4004 |

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| 10 chrD1.217804 | G | A | 0.268 | 4000 |
| 10 chrD1.218314 | A | G | 0.06853 | 3998 |
| 10 chrD1.218574 | A | G | 0.2806 | 4002 |
| 10 chrD1.218974 | C | A | 0.1018 | 3862 |
| 10 chrD1.219054 | A | 0 A | 0 | 4006 |
| 10 chrD1.219334 | A | G | 0.007731 | 4010 |
| 10 chrD1.219614 | G | A | 0.2558 | 4000 |
| 10 chrD1.220114 | A | G | 0.1622 | 4002 |
| 10 chrD1.220674 | A | G | 0.06438 | 3930 |
| 10 chrD1.220944 | G | A | 0.1004 | 4004 |
| 10 chrD1.221204 | A | G | 0.3347 | 3998 |
| 10 chrD1.221984 | A | G | 0.1397 | 3994 |
| 10 chrD1.222734 | A | C | 0.1425 | 4008 |
| 10 chrD1.223114 | G | A | 0.4662 | 3998 |
| 10 chrD1.223724 | G | A | 0.3462 | 3940 |
| 10 chrD1.224204 | A | G | 0.01253 | 3910 |
| 10 chrD1.224734 | A | G | 0.2427 | 3996 |
| 10 chrD1.225084 | A | C | 0.2198 | 4008 |
| 10 chrD1.225544 | G | A | 0.3548 | 3968 |
| 10 chrD1.225804 | A | G | 0.28 | 4000 |
| 10 chrD1.226074 | G | A | 0.4044 | 3956 |
| 10 chrD1.226384 | G | A | 0.2031 | 3998 |
| 10 chrD1.226714 | A | C | 0.198 | 3964 |
| 10 chrD1.227414 | G | A | 0.1106 | 3996 |
| 10 chrD1.227954 | A | G | 0.3114 | 3988 |
| 10 chrD1.228204 | G | A | 0.1909 | 4002 |
| 10 chrD1.228434 | G | A | 0.3283 | 3960 |
| 10 chrD1.228854 | A | G | 0.14 | 3994 |
| 10 chrD1.229264 | A | G | 0.1241 | 4004 |
| 10 chrD1.229614 | G | A | 0.221 | 4000 |
| 10 chrD1.230104 | A | G | 0.09536 | 4006 |
| 10 chrD1.230574 | G | A | 0.0886 | 3984 |
| 10 chrD1.231064 | A | G | 0.498 | 3958 |
| 10 chrD1.231734 | A | G | 0.2914 | 3994 |
| 10 chrD1.232054 | G | A | 0.2401 | 3994 |
| 10 chrD1.232644 | G | A | 0.0285 | 4000 |
| 10 chrD1.232824 | A | G | 0.2554 | 3994 |
| 10 chrD1.233084 | A | G | 0.06016 | 4006 |
| 10 chrD1.233364 | G | A | 0.3559 | 4004 |
| 10 chrD1.233644 | A | G | 0.1746 | 4010 |
| 10 chrD1.234394 | A | G | 0.2048 | 3994 |

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| 10 chrD1.235151A | G | 0.1698 | 4004 |
| 10 chrD1.235820G | A | 0.2293 | 3798 |
| 10 chrD1.236221C | A | 0.4882 | 3980 |
| 10 chrD1.237151G | A | 0.378 | 3992 |
| 10 chrD1.237990G | A | 0.2895 | 4004 |
| 10 chrD1.238431A | G | 0.326 | 4006 |
| 10 chrC1.671701A | G | 0.08679 | 3814 |
| 10 chrC1.819376A | G | 0.4081 | 3864 |
| 10 chrD1.239601G | A | 0.3038 | 3990 |
| 10 chrUn.511941A | G | 0.04728 | 3976 |
| 10 chrD1.239726A | C | 0.02844 | 4008 |
| 10 chrC1.890921G | A | 0.2067 | 3996 |
| 10 chrC1.924761A | C | 0.2565 | 3934 |
| 10 chrC1.948961A | G | 0.06065 | 3842 |
| 10 chrD1.240501A | G | 0.0495 | 4000 |
| 10 chrC1.102211A | G | 0.1404 | 3974 |
| 10 chrC1.104771G | A | 0.1148 | 3962 |
| 10 chrC1.108461G | A | 0.2251 | 4002 |
| 10 chrC1.114961A | G | 0.1535 | 3922 |
| 10 chrD1.242300A | G | 0.1302 | 4008 |
| 10 chrC1.120521A | G | 0.2068 | 3926 |
| 10 chrC1.124391G | A | 0.4743 | 4006 |
| 10 chrC1.129951G | A | 0.4209 | 3996 |
| 10 chrC1.132651A | G | 0.01432 | 3840 |
| 10 chrC1.136280A | G | 0.1615 | 4006 |
| 10 chrD1.243411A | G | 0.3504 | 3990 |
| 10 chrD1.243861G | A | 0.03879 | 3764 |
| 10 chrC1.148311A | G | 0.1169 | 4004 |
| 10 chrC1.151691G | A | 0.4116 | 3980 |
| 10 chrC1.162791A | G | 0.3562 | 3992 |
| 10 chrC1.171001G | A | 0.4988 | 4006 |
| 10 chrC1.176051C | A | 0.2468 | 4008 |
| 10 chrC1.181151G | A | 0.4424 | 3978 |
| 10 chrC1.185071C | A | 0.3884 | 3888 |
| 10 chrC1.187721G | A | 0.2561 | 4006 |
| 10 chrC1.196741G | A | 0.2326 | 3994 |
| 10 chrC1.198711A | G | 0.2187 | 3996 |
| 10 chrC1.203011A | G | 0.1401 | 4004 |
| 10 chrC1.207061A | G | 0.1528 | 4004 |
| 10 chrC1.215001A | C | 0.01372 | 4010 |
| 10 chrC1.218091A | G | 0.3662 | 4006 |

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| 10 chrC1.222815 | A | G | 0.2042 | 3840 |
| 10 chrC1.225677 | A | G | 0.3947 | 4000 |
| 10 chrD1.24774 | A | G | 0.2526 | 3994 |
| 10 chrA2.187462 | A | G | 0.2904 | 3950 |
| 10 chrD1.24779 | A | G | 0.1622 | 3994 |
| 10 chrD1.24812 | A | G | 0.1273 | 4006 |
| 10 chrD1.24875 | A | G | 0.1424 | 3988 |
| 10 chrD1.24918 | A | G | 0.1738 | 4010 |
| 10 chrD1.24957 | A | G | 0.3267 | 4000 |
| 10 chrD1.24981 | A | G | 0.02974 | 4002 |
| 10 chrD1.25020 | A | C | 0.3047 | 3968 |
| 10 chrD1.25078 | A | G | 0.4587 | 3992 |
| 10 chrD1.25175 | A | G | 0.172 | 3942 |
| 10 chrD1.25366 | A | G | 0.006829 | 3954 |
| 10 chrD1.25414 | A | C | 0.4755 | 4002 |
| 10 chrD1.25470 | A | G | 0.06875 | 4000 |
| 10 chrD1.25473 | A | G | 0.4788 | 4000 |
| 10 chrD1.25511 | A | G | 0.08832 | 4008 |
| 10 chrD1.25539 | A | G | 0.2299 | 4006 |
| 10 chrD1.25575 | A | G | 0.2352 | 3954 |
| 10 chrD1.25607 | A | G | 0.2357 | 3950 |
| 10 chrD1.25652 | A | G | 0.1162 | 3984 |
| 10 chrD1.25680 | A | G | 0.2318 | 3978 |
| 10 chrD1.25776 | A | C | 0.03616 | 4010 |
| 10 chrD1.25800 | A | G | 0.3008 | 4002 |
| 10 chrD1.25874 | A | G | 0.2117 | 3986 |
| 10 chrD1.25900 | A | C | 0.2186 | 3944 |
| 10 chrD1.25940 | A | G | 0.3383 | 4000 |
| 10 chrD1.25999 | A | G | 0.08138 | 4006 |
| 10 chrD1.26039 | A | G | 0.2559 | 4002 |
| 10 chrD1.26105 | A | G | 0.08296 | 4002 |
| 10 chrD1.26147 | A | C | 0.2972 | 3970 |
| 10 chrD1.26228 | A | G | 0.04239 | 4010 |
| 10 chrD1.26187 | A | G | 0.04432 | 3994 |
| 10 chrD1.26271 | A | G | 0.2345 | 4004 |
| 10 chrD1.26307 | A | G | 0.1079 | 4002 |
| 10 chrD1.26342 | A | G | 0.3832 | 3990 |
| 10 chrD1.26413 | A | G | 0.1333 | 4006 |
| 10 chrD1.26451 | A | C | 0.08996 | 4002 |
| 10 chrD1.26497 | A | C | 0.454 | 4002 |
| 10 chrD1.26568 | A | C | 0.003003 | 3996 |

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|----------------|---|---|----------|------|
| 10 chrD1.26592 | A | C | 0.1738 | 3860 |
| 10 chrD1.26630 | A | G | 0.2453 | 3954 |
| 10 chrD1.26692 | A | G | 0.3512 | 3998 |
| 10 chrD1.26720 | A | G | 0.4112 | 3988 |
| 10 chrD1.26863 | A | C | 0.1249 | 3996 |
| 10 chrD1.26896 | A | G | 0.4633 | 4004 |
| 10 chrD1.26943 | A | C | 0.4617 | 3992 |
| 10 chrD1.26979 | A | C | 0.2358 | 4008 |
| 10 chrD1.27009 | A | G | 0.3756 | 4002 |
| 10 chrD1.27059 | A | G | 0.2766 | 4006 |
| 10 chrD1.27092 | A | G | 0.01024 | 4004 |
| 10 chrD1.27155 | A | G | 0.3008 | 3990 |
| 10 chrD1.27224 | A | G | 0.2774 | 3994 |
| 10 chrD1.27231 | A | G | 0.08706 | 3848 |
| 10 chrD1.27259 | A | G | 0.07959 | 4008 |
| 10 chrD1.27303 | A | C | 0.009731 | 4008 |
| 10 chrD1.27383 | A | G | 0.459 | 4002 |
| 10 chrD1.27419 | A | G | 0.06063 | 4008 |
| 10 chrD1.27486 | A | G | 0.09425 | 4000 |
| 10 chrD1.27595 | A | G | 0.4249 | 3890 |
| 10 chrD1.27635 | A | G | 0.1187 | 4002 |
| 10 chrD1.27668 | A | G | 0.2575 | 3984 |
| 10 chrD1.27747 | A | G | 0.08776 | 3988 |
| 10 chrD1.27851 | A | C | 0.4901 | 3648 |
| 10 chrD1.27895 | A | G | 0.4031 | 3994 |
| 10 chrD1.27977 | A | G | 0.00353 | 3966 |
| 10 chrD1.27978 | A | C | 0.2343 | 4004 |
| 10 chrD1.28015 | A | G | 0.07286 | 3884 |
| 10 chrD1.28059 | A | G | 0.2108 | 3970 |
| 10 chrD1.28086 | A | C | 0.4296 | 3992 |
| 10 chrD1.28132 | A | G | 0.3786 | 3928 |
| 10 chrD1.28221 | A | G | 0.001996 | 4008 |
| 10 chrD1.28249 | A | C | 0.3237 | 4004 |
| 10 chrD1.28282 | A | G | 0.003797 | 3950 |
| 10 chrD1.28319 | A | G | 0.1852 | 4006 |
| 10 chrD1.28364 | A | G | 0.4204 | 3982 |
| 10 chrD1.28411 | A | G | 0.2434 | 3994 |
| 10 chrD1.28478 | A | G | 0.2962 | 4004 |
| 10 chrD1.28520 | A | G | 0.4505 | 3654 |
| 10 chrD1.28548 | A | G | 0.07193 | 4004 |
| 10 chrD1.28604 | A | G | 0.495 | 3996 |

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|-------------------|---|-----------|------|
| 10 chrD1.28656T A | G | 0.2957 | 4004 |
| 10 chrD1.28661T A | G | 0.3949 | 4004 |
| 10 chrD1.28699T G | A | 0.2055 | 4000 |
| 10 chrD1.28749T A | G | 0.07221 | 4002 |
| 10 chrD1.28791T A | G | 0.2341 | 3994 |
| 10 chrD1.28816T G | A | 0.2441 | 3998 |
| 10 chrD1.28841T G | A | 0.243 | 3984 |
| 10 chrD1.28980T A | G | 0.0007481 | 4010 |
| 10 chrD1.29014T G | A | 0.4609 | 3994 |
| 10 chrD1.29042T G | A | 0.2697 | 3994 |
| 10 chrD1.29072T A | G | 0.3929 | 3996 |
| 10 chrD1.29126T G | A | 0.03504 | 3910 |
| 10 chrD1.29151T A | G | 0.1921 | 3966 |
| 10 chrD1.29160T G | A | 0.03831 | 3994 |
| 10 chrD1.29212T G | A | 0.406 | 3998 |
| 10 chrD1.29256T A | G | 0.009975 | 4010 |
| 10 chrD1.29385T A | G | 0.08267 | 4004 |
| 10 chrUn.52849T A | G | 0.07817 | 4004 |
| 10 chrD1.29430T A | G | 0.0731 | 4008 |
| 10 chrD1.29480T A | G | 0.4657 | 3962 |
| 10 chrD1.29513T A | C | 0.3325 | 4000 |
| 10 chrD1.29565T G | A | 0.4992 | 3978 |
| 10 chrD1.29586T A | G | 0.1202 | 3978 |
| 10 chrD1.29744T A | G | 0.1861 | 4008 |
| 10 chrD1.29840T G | A | 0.4575 | 3996 |
| 10 chrD1.29887T G | A | 0.2611 | 3976 |
| 10 chrD1.29921T G | A | 0.3207 | 3994 |
| 10 chrD1.29962T G | A | 0.2849 | 4002 |
| 10 chrD1.30016T C | A | 0.4049 | 3996 |
| 10 chrD1.30051T A | G | 0.1001 | 4006 |
| 10 chrD1.30138T G | A | 0.2511 | 3966 |
| 10 chrD1.30167T A | G | 0.4713 | 4000 |
| 10 chrD1.30198T A | G | 0.1119 | 3958 |
| 10 chrD1.30236T A | G | 0.3479 | 3990 |
| 10 chrD1.30329T G | A | 0.3771 | 3988 |
| 10 chrD1.30400T A | G | 0.2343 | 3974 |
| 10 chrD1.30433T A | G | 0.25 | 3992 |
| 10 chrD1.30507T A | G | 0.3432 | 3992 |
| 10 chrD1.30566T A | G | 0.3998 | 4002 |
| 10 chrD1.30595T A | G | 0.2841 | 4006 |
| 10 chrD1.30632T G | A | 0.2645 | 3978 |

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|-------------------|-----|---------|------|
| 10 chrD1.30670T A | G | 0.01312 | 3962 |
| 10 chrD1.30675T A | G | 0.2574 | 3826 |
| 10 chrD1.30705T G | A | 0.2647 | 4008 |
| 10 chrD1.30727T G | A | 0.1486 | 3998 |
| 10 chrD1.30737T A | G | 0.2107 | 3992 |
| 10 chrD1.30762T A | G | 0.3173 | 4002 |
| 10 chrUn.42313T G | A | 0.2376 | 3860 |
| 10 chrD1.30801T A | G | 0.2012 | 4006 |
| 10 chrD1.30836T G | A | 0.341 | 4006 |
| 10 chrD1.30882T G | A | 0.3921 | 4004 |
| 10 chrD1.30938T A | G | 0.1864 | 3996 |
| 10 chrD1.31036T C | A | 0.1673 | 3994 |
| 10 chrD1.31075T C | A | 0.3484 | 3978 |
| 10 chrD1.31132T G | A | 0.3981 | 3996 |
| 10 chrD1.31160T A | G | 0.2077 | 3996 |
| 10 chrD1.31201T A | G | 0.1486 | 4004 |
| 10 chrD1.31243T C | A | 0.0661 | 3994 |
| 10 chrD1.31297T A | G | 0.4454 | 3990 |
| 10 chrD1.31350T A | G | 0.1235 | 4000 |
| 10 chrD1.31398T G | A | 0.2174 | 4002 |
| 10 chrD1.31407T | 0 G | 0 | 4010 |
| 10 chrD1.31463T A | G | 0.02294 | 4010 |
| 10 chrD1.31507T A | G | 0.03892 | 4008 |
| 10 chrD1.31519T G | A | 0.2611 | 4002 |
| 10 chrD1.31540T G | A | 0.3959 | 4004 |
| 10 chrD1.31565T A | C | 0.2963 | 3992 |
| 10 chrD1.31614T G | A | 0.06166 | 4006 |
| 10 chrD1.31652T A | G | 0.04772 | 3856 |
| 10 chrD1.31679T G | A | 0.3031 | 4002 |
| 10 chrD1.31719T A | G | 0.02549 | 4002 |
| 10 chrD1.31796T A | G | 0.1336 | 3982 |
| 10 chrD1.31840T G | A | 0.3623 | 3994 |
| 10 chrD1.31880T G | A | 0.254 | 3996 |
| 10 chrD1.31941T A | G | 0.3875 | 3992 |
| 10 chrD1.32004T A | G | 0.06066 | 4006 |
| 10 chrD1.32056T A | G | 0.2823 | 4000 |
| 10 chrD1.32088T A | G | 0.2548 | 3972 |
| 10 chrD1.32125T A | G | 0.3528 | 3980 |
| 10 chrD1.32152T G | A | 0.4441 | 3988 |
| 10 chrD1.32245T A | G | 0.07043 | 4004 |
| 10 chrD1.32274T G | A | 0.1621 | 3978 |

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| 10 chrD1.324147 | A | 0.4503 | 4002 |
| 10 chrD1.324417 | G | 0.1643 | 4004 |
| 10 chrD1.325024 | G | 0.3197 | 4000 |
| 10 chrD1.325273 | C | 0.0649 | 4006 |
| 10 chrD1.325687 | G | 0.09444 | 3918 |
| 10 chrD1.326498 | G | 0.06038 | 4008 |
| 10 chrD1.326977 | A | 0.02694 | 3934 |
| 10 chrD1.326987 | C | 0.06169 | 4004 |
| 10 chrD1.327237 | G | 0.07154 | 3998 |
| 10 chrD1.327547 | A | 0.1525 | 4000 |
| 10 chrD1.328589 | G | 0.3636 | 4004 |
| 10 chrD1.328957 | G | 0.1573 | 3998 |
| 10 chrD1.329648 | G | 0.4618 | 3984 |
| 10 chrUn5.52277 | G | 0.07576 | 3960 |
| 10 chrUn5.52010 | G | 0.101 | 3992 |
| 10 chrUn5.51607 | A | 0.1102 | 3946 |
| 10 chrUn5.51237 | A | 0.07888 | 4006 |
| 10 chrUn5.51060 | A | 0.2863 | 4006 |
| 10 chrUn5.50763 | A | 0.009225 | 3794 |
| 10 chrUn5.50457 | G | 0.07997 | 3964 |
| 10 chrUn5.49799 | A | 0.3599 | 3996 |
| 10 chrUn5.49287 | A | 0.3504 | 4010 |
| 10 chrUn5.48887 | G | 0.1078 | 4008 |
| 10 chrUn5.48560 | G | 0.2601 | 4006 |
| 10 chrUn5.48268 | A | 0.1098 | 3988 |
| 10 chrUn5.47830 | G | 0.08412 | 4006 |
| 10 chrUn5.47558 | G | 0.0309 | 3980 |
| 10 chrUn5.46407 | G | 0.00529 | 3970 |
| 10 chrUn5.46279 | G | 0.2796 | 4006 |
| 10 chrUn5.45904 | A | 0.4277 | 3998 |
| 10 chrUn5.45283 | G | 0.1571 | 3984 |
| 10 chrUn5.44869 | A | 0.4152 | 4008 |
| 10 chrUn5.44300 | G | 0.03217 | 4010 |
| 10 chrUn5.43824 | G | 0.0267 | 4008 |
| 10 chrUn5.43523 | A | 0.1433 | 4006 |
| 10 chrUn5.43223 | G | 0.02645 | 4008 |
| 10 chrUn5.42458 | A | 0.05347 | 4002 |
| 10 chrUn5.42314 | G | 0.01109 | 3876 |
| 10 chrUn5.42157 | G | 0.008567 | 3852 |
| 10 chrUn5.41678 | A | 0.3262 | 3988 |
| 10 chrUn5.41180 | G | 0.1839 | 4002 |

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| 10 chrUn5.4047:G | A | 0.1901 | 4008 |
| 10 chrUn.23142:G | A | 0.3561 | 4002 |
| 10 chrUn5.4004:G | A | 0.4888 | 4002 |
| 10 chrUn5.3979:A | C | 0.03685 | 3962 |
| 10 chrUn5.3948:A | G | 0.2092 | 4000 |
| 10 chrUn5.3872:A | G | 0.4019 | 4006 |
| 10 chrUn.13853:A | G | 0.2615 | 3950 |
| 10 chrUn5.3751:A | G | 0.2759 | 4002 |
| 10 chrUn5.3719:G | A | 0.05885 | 4010 |
| 10 chrUn5.3665:G | A | 0.05739 | 4008 |
| 10 chrUn5.3618:C | A | 0.4436 | 3990 |
| 10 chrUn5.3574:A | G | 0.05748 | 3984 |
| 10 chrUn5.3546:G | A | 0.489 | 4004 |
| 10 chrUn5.3405:G | A | 0.4271 | 4004 |
| 10 chrUn5.3276:A | C | 0.02869 | 4008 |
| 10 chrUn5.3243:G | A | 0.01996 | 3908 |
| 10 chrUn5.3201:G | A | 0.02375 | 3958 |
| 10 chrUn5.3162:G | A | 0.2679 | 3998 |
| 10 chrUn5.3121:C | A | 0.2285 | 3978 |
| 10 chrUn5.3096:G | A | 0.0197 | 3960 |
| 10 chrUn5.3071:G | A | 0.4276 | 4004 |
| 10 chrUn5.3039:G | A | 0.3742 | 3968 |
| 10 chrUn5.2974:A | G | 0.02544 | 4010 |
| 10 chrUn5.2863:G | A | 0.02822 | 4004 |
| 10 chrUn5.2822:A | G | 0.2381 | 3998 |
| 10 chrUn5.2779:C | A | 0.0234 | 3974 |
| 10 chrUn5.2747:A | C | 0.2218 | 3972 |
| 10 chrUn5.2691:G | A | 0.02526 | 3998 |
| 10 chrUn5.2639:A | G | 0.4901 | 3750 |
| 10 chrUn5.2612:A | G | 0.03047 | 4004 |
| 10 chrUn5.2510:G | A | 0.0974 | 4004 |
| 10 chrUn5.2488:C | A | 0.1841 | 3986 |
| 10 chrUn5.2482:G | A | 0.007493 | 4004 |
| 10 chrUn5.2442:A | G | 0.02843 | 4010 |
| 10 chrUn5.2396:A | G | 0.3424 | 4004 |
| 10 chrUn5.2353:G | A | 0.493 | 4000 |
| 10 chrUn5.2290:A | G | 0.221 | 3932 |
| 10 chrUn5.2255:G | A | 0.2748 | 3984 |
| 10 chrUn5.2186:G | A | 0.117 | 4010 |
| 10 chrUn5.2154:G | A | 0.1057 | 3944 |
| 10 chrUn.28708:A | G | 0.2162 | 3982 |

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| 10 chrUn5.2074:A | G | 0.3465 | 4006 |
| 10 chrUn5.2036:A | G | 0.2755 | 4000 |
| 10 chrUn5.1998:A | G | 0.03373 | 4002 |
| 10 chrUn5.1959:A | G | 0.03065 | 3980 |
| 10 chrUn5.1926:A | G | 0.03393 | 4008 |
| 10 chrUn5.1884:A | G | 0.2183 | 3994 |
| 10 chrUn5.1846:G | A | 0.1966 | 3942 |
| 10 chrUn5.1819:A | G | 0.01327 | 3994 |
| 10 chrUn5.1764:G | A | 0.4665 | 4004 |
| 10 chrUn5.1716:G | A | 0.3588 | 4008 |
| 10 chrUn5.1669: | 0 C | 0 | 4008 |
| 10 chrUn5.1633:A | G | 0.2172 | 4006 |
| 10 chrUn5.1535:A | C | 0.1213 | 4008 |
| 10 chrUn5.1477:C | A | 0.01497 | 4008 |
| 10 chrUn5.1450:G | A | 0.18 | 3994 |
| 10 chrUn5.1424:C | A | 0.1971 | 3988 |
| 10 chrUn5.1370:A | C | 0.05364 | 3952 |
| 10 chrUn5.1264:G | A | 0.3553 | 4002 |
| 10 chrUn5.1300:A | G | 0.1826 | 3998 |
| 10 chrUn5.1208:G | A | 0.3629 | 3996 |
| 10 chrUn5.1099:G | A | 0.1041 | 4004 |
| 10 chrUn5.1023:G | A | 0.03217 | 4010 |
| 10 chrUn5.9960:A | C | 0.3983 | 4002 |
| 10 chrUn5.9643:C | A | 0.03148 | 4002 |
| 10 chrUn5.9335:A | C | 0.03148 | 4002 |
| 10 chrUn5.8950:A | C | 0.03194 | 4008 |
| 10 chrUn5.8157:G | A | 0.03197 | 4004 |
| 10 chrUn5.7886:G | A | 0.04279 | 3996 |
| 10 chrUn5.7229:G | A | 0.306 | 3990 |
| 10 chrUn5.6973: | 0 A | 0 | 4004 |
| 10 chrUn5.6551:G | A | 0.03821 | 4004 |
| 10 chrUn5.6133:G | A | 0.1138 | 3980 |
| 10 chrUn5.5438:G | A | 0.04179 | 3996 |
| 10 chrUn5.5758:G | A | 0.03998 | 4002 |
| 10 chrUn5.3510:A | G | 0.0391 | 3990 |
| 10 chrUn5.2985:C | A | 0.2628 | 4000 |
| 10 chrB3.87669:A | C | 0.3003 | 4006 |
| 10 chrUn5.4822:A | G | 0.04639 | 3880 |
| 10 chrUn5.4282:G | A | 0.0424 | 3986 |
| 10 chrUn5.3828:A | C | 0.07817 | 4004 |
| 10 chrUn5.2522:A | G | 0.1125 | 4008 |

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|----------------|---|-----|-----------|------|
| 10 chrUn.23556 | A | G | 0.3864 | 3962 |
| 10 chrUn5.2172 | G | A | 0.1036 | 3978 |
| 10 chrUn5.1932 | C | A | 0.4681 | 4008 |
| 10 chrUn5.1894 | C | A | 0.001746 | 4010 |
| 10 chrUn5.1657 | C | 0 C | 0 | 3994 |
| 10 chrUn5.1310 | A | G | 0.06935 | 3706 |
| 10 chrUn5.1474 | A | 0 C | 0 | 4006 |
| 10 chrUn5.2180 | G | A | 0.179 | 4000 |
| 10 chrUn5.5904 | A | G | 0.03919 | 4006 |
| 10 chrUn5.6072 | C | A | 0.469 | 3962 |
| 10 chrUn21.166 | C | A | 0.04449 | 3978 |
| 10 chrUn21.777 | A | G | 0.2083 | 4000 |
| 10 chrUn.33429 | A | C | 0.405 | 3736 |
| 10 chrUn21.107 | G | A | 0.2017 | 3952 |
| 10 chrUn21.188 | A | C | 0.04702 | 3764 |
| 10 chrD1.59235 | A | C | 0.03209 | 3926 |
| 10 chrD1.59270 | G | A | 0.2349 | 3998 |
| 10 chrD1.59343 | A | G | 0.4056 | 3918 |
| 10 chrD1.59369 | A | G | 0.03784 | 3964 |
| 10 chrD1.59393 | A | G | 0.4912 | 3984 |
| 10 chrD1.59479 | A | G | 0.2158 | 3994 |
| 10 chrD1.59523 | G | A | 0.3922 | 3998 |
| 10 chrD1.59583 | A | G | 0.04418 | 4006 |
| 10 chrD1.59611 | C | A | 0.4329 | 3962 |
| 10 chrD1.59650 | A | C | 0.0002496 | 4006 |
| 10 chrD1.59688 | A | C | 0.206 | 3942 |
| 10 chrD1.59716 | G | A | 0.3573 | 3994 |
| 10 chrD1.59781 | A | G | 0.2123 | 3990 |
| 10 chrD1.59822 | A | G | 0.2075 | 4000 |
| 10 chrD1.59850 | A | G | 0.4497 | 3974 |
| 10 chrD1.59982 | A | G | 0.1424 | 4002 |
| 10 chrD1.60055 | A | G | 0.1562 | 3772 |
| 10 chrD1.60087 | A | G | 0.4715 | 4002 |
| 10 chrD1.60137 | G | A | 0.04374 | 3978 |
| 10 chrD1.60175 | A | A | 0.3578 | 3988 |
| 10 chrD1.60210 | A | C | 0.03149 | 3874 |
| 10 chrD1.60259 | A | G | 0.2932 | 3888 |
| 10 chrD1.60324 | A | C | 0.04204 | 3996 |
| 10 chrD1.60383 | G | A | 0.04091 | 3984 |
| 10 chrD1.60435 | A | G | 0.164 | 4000 |
| 10 chrD1.60473 | G | A | 0.3987 | 4006 |

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| 10 chrD1.604851G | A | 0.0002494 | 4010 |
| 10 chrD1.605482C | A | 0.2961 | 3992 |
| 10 chrD1.605871C | A | 0.2977 | 3950 |
| 10 chrD1.607081C | A | 0.02924 | 4002 |
| 10 chrD1.607434A | G | 0.1606 | 3986 |
| 10 chrD1.607982A | G | 0.1174 | 4004 |
| 10 chrD1.608571G | A | 0.02671 | 4006 |
| 10 chrD1.609021A | G | 0.194 | 3768 |
| 10 chrD1.609331A | G | 0.2047 | 4006 |
| 10 chrUn.383591A | G | 0.2039 | 3998 |
| 10 chrD1.610001A | G | 0.00225 | 4000 |
| 10 chrD1.610444G | A | 0.02495 | 4008 |
| 10 chrD1.610751G | A | 0.3624 | 3998 |
| 10 chrUn.409481A | G | 0.1152 | 3986 |
| 10 chrD1.611111G | A | 0.05087 | 4010 |
| 10 chrD1.611113A | G | 0.1181 | 3998 |
| 10 chrD1.612151A | C | 0.436 | 3982 |
| 10 chrD1.612771G | A | 0.02445 | 4008 |
| 10 chrD1.613271A | G | 0.01813 | 3860 |
| 10 chrD1.613602G | A | 0.4568 | 3934 |
| 10 chrD1.614211A | G | 0.1391 | 3896 |
| 10 chrD1.614981A | G | 0.1975 | 3990 |
| 10 chrD1.615491A | G | 0.1136 | 3988 |
| 10 chrUn.540721G | A | 0.311 | 4000 |
| 10 chrD1.615951A | G | 0.2766 | 3962 |
| 10 chrD1.616221A | G | 0.1563 | 3922 |
| 10 chrD1.616591A | G | 0.4056 | 3950 |
| 10 chrD1.617031A | G | 0.3351 | 4002 |
| 10 chrD1.617131G | A | 0.03467 | 3980 |
| 10 chrD1.617611G | A | 0.1904 | 3860 |
| 10 chrD1.618331G | A | 0.4852 | 3990 |
| 10 chrD1.619211G | A | 0.2387 | 3996 |
| 10 chrD1.620081A | G | 0.03194 | 4008 |
| 10 chrD1.620981A | G | 0.4152 | 3998 |
| 10 chrD1.621351G | A | 0.133 | 3986 |
| 10 chrD1.621691G | A | 0.2301 | 3950 |
| 10 chrD1.622211G | A | 0.1505 | 3946 |
| 10 chrD1.623204A | C | 0.465 | 4004 |
| 10 chrD1.623541G | A | 0.03769 | 4006 |
| 10 chrD1.624151G | A | 0.2662 | 3986 |
| 10 chrD1.624821G | A | 0.01499 | 4004 |

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| 10 chrD1.62546(A | G | 0.3615 | 3748 |
| 10 chrD1.62615(A | G | 0.4291 | 3950 |
| 10 chrD1.62664(A | G | 0.269 | 3878 |
| 10 chrD1.62713(C | A | 0.3465 | 3962 |
| 10 chrD1.62766(A | C | 0.4012 | 3998 |
| 10 chrD1.62810(A | G | 0.2403 | 3962 |
| 10 chrD1.62848(A | G | 0.01074 | 4004 |
| 10 chrD1.62857(A | C | 0.354 | 3986 |
| 10 chrD1.62896(G | A | 0.2038 | 3984 |
| 10 chrD1.62926(A | C | 0.01546 | 4010 |
| 10 chrD1.63005(A | G | 0.04327 | 3998 |
| 10 chrD1.63005(A | G | 0.0435 | 4000 |
| 10 chrD1.63040(A | G | 0.009591 | 3962 |
| 10 chrD1.63122(A | G | 0.199 | 3990 |
| 10 chrD1.63150(A | G | 0.2781 | 4006 |
| 10 chrD1.63174(C | A | 0.2029 | 4002 |
| 10 chrD1.63206(A | G | 0.307 | 3990 |
| 10 chrD1.63238(G | A | 0.3761 | 4004 |
| 10 chrD1.63283(A | C | 0.176 | 3806 |
| 10 chrD1.63337(A | G | 0.208 | 3980 |
| 10 chrD1.63362(C | A | 0.06034 | 3994 |
| 10 chrD1.63394(C | A | 0.3869 | 3978 |
| 10 chrD1.63432(G | A | 0.3685 | 3984 |
| 10 chrD1.63474(A | C | 0.3623 | 3986 |
| 10 chrD1.63599(G | A | 0.452 | 3962 |
| 10 chrD1.63630(A | G | 0.4908 | 3924 |
| 10 chrD1.63756(A | G | 0.2335 | 3996 |
| 10 chrD1.63889(G | A | 0.1528 | 4006 |
| 10 chrD1.63895(G | A | 0.05564 | 3972 |
| 10 chrA2.12992(G | A | 0.0213 | 3802 |
| 10 chrD1.63990(A | G | 0.4852 | 3996 |
| 10 chrD1.64022(A | G | 0.1382 | 3994 |
| 10 chrD1.64050(G | A | 0.1549 | 3978 |
| 10 chrD1.64092(A | G | 0.3797 | 3974 |
| 10 chrD1.64120(A | C | 0.0537 | 4004 |
| 10 chrD1.64154(A | G | 0.2168 | 3976 |
| 10 chrD1.64197(G | A | 0.1015 | 4008 |
| 10 chrD1.64218(A | G | 0.2148 | 3994 |
| 10 chrD1.64244(A | C | 0.4945 | 4000 |
| 10 chrD1.64271(A | G | 0.08367 | 4004 |
| 10 chrD1.64306(A | C | 0.05647 | 3896 |

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| 10 chrD1.64372:G | A | 0.05489 | 3990 |
| 10 chrD1.64452:G | A | 0.2005 | 3950 |
| 10 chrD1.64490:A | G | 0.071 | 3972 |
| 10 chrD1.64531:A | G | 0.137 | 4006 |
| 10 chrD1.64557:A | C | 0.2234 | 3998 |
| 10 chrD1.64583:A | G | 0.162 | 3982 |
| 10 chrD1.64653:G | A | 0.3375 | 4000 |
| 10 chrD1.64688:A | G | 0.1945 | 3882 |
| 10 chrD1.64714:G | A | 0.1024 | 4004 |
| 10 chrD1.64758:C | A | 0.1026 | 3968 |
| 10 chrD1.64793:A | G | 0.1129 | 4004 |
| 10 chrD1.64830:A | G | 0.03557 | 3992 |
| 10 chrD1.64871:A | C | 0.3705 | 4000 |
| 10 chrD1.64935:A | G | 0.3922 | 4008 |
| 10 chrD1.65003:A | G | 0.3264 | 3964 |
| 10 chrD1.65117:A | G | 0.3464 | 4004 |
| 10 chrD1.65219:G | A | 0.4843 | 4008 |
| 10 chrD1.65286:A | C | 0.4891 | 3854 |
| 10 chrD1.65292:G | A | 0.0662 | 3988 |
| 10 chrD1.65334:A | G | 0.1801 | 4004 |
| 10 chrD1.65386:A | G | 0.1276 | 3966 |
| 10 chrD1.65412:A | G | 0.08621 | 4002 |
| 10 chrD1.65413:G | A | 0.1968 | 3998 |
| 10 chrD1.65445:A | G | 0.1231 | 3892 |
| 10 chrD1.65546:C | A | 0.1208 | 4008 |
| 10 chrD1.65588:A | G | 0.1799 | 4008 |
| 10 chrD1.65616:G | A | 0.1435 | 3958 |
| 10 chrD1.65660:A | C | 0.3468 | 3924 |
| 10 chrD1.65697:G | A | 0.1033 | 4008 |
| 10 chrD1.65747:G | A | 0.1505 | 4006 |
| 10 chrD1.65780:G | A | 0.3756 | 3962 |
| 10 chrD1.65808:A | G | 0.1971 | 3998 |
| 10 chrD1.65847:A | G | 0.1133 | 4006 |
| 10 chrD1.65880:C | A | 0.05653 | 3998 |
| 10 chrD1.65913:A | G | 0.077 | 4000 |
| 10 chrD1.65949:C | A | 0.2809 | 3980 |
| 10 chrD1.66001:A | G | 0.301 | 3990 |
| 10 chrD1.66040:A | C | 0.366 | 4006 |
| 10 chrD1.66078:A | G | 0.05492 | 4006 |
| 10 chrD1.66154:C | A | 0.2948 | 3976 |
| 10 chrD1.66195:A | G | 0.07648 | 3844 |

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| 10 chrD1.66231:A | G | 0.1935 | 3990 |
| 10 chrD1.66255(A | G | 0.07239 | 4006 |
| 10 chrD1.66290:A | A | 0.3317 | 3986 |
| 10 chrD1.66348:A | A | 0.4885 | 4000 |
| 10 chrD1.66384:A | G | 0.3284 | 3974 |
| 10 chrD1.66443:A | G | 0.1084 | 3986 |
| 10 chrD1.66512:A | A | 0.4858 | 4004 |
| 10 chrD1.66548:A | A | 0.4231 | 3990 |
| 10 chrD1.66579:C | A | 0.4274 | 3968 |
| 10 chrD1.66642:A | A | 0.211 | 3996 |
| 10 chrD1.66687:A | G | 0.152 | 4000 |
| 10 chrD1.66736:A | G | 0.2534 | 3950 |
| 10 chrD1.66773:A | G | 0.317 | 4006 |
| 10 chrD1.66806:A | C | 0.313 | 3866 |
| 10 chrD1.66836:A | G | 0.02903 | 3892 |
| 10 chrD1.66862:A | G | 0.202 | 4004 |
| 10 chrD1.66893(A | A | 0.1923 | 4010 |
| 10 chrD1.66938:A | G | 0.1255 | 4008 |
| 10 chrD1.66982:A | G | 0.254 | 4000 |
| 10 chrD1.67012:A | G | 0.232 | 3996 |
| 10 chrD1.67058:A | A | 0.1246 | 3966 |
| 10 chrD1.67083:A | G | 0.2303 | 4008 |
| 10 chrD1.67167(A | A | 0.37 | 3868 |
| 10 chrD1.67198:C | A | 0.36 | 3964 |
| 10 chrD1.67251:A | C | 0.02244 | 4010 |
| 10 chrD1.67257:A | G | 0.3344 | 3974 |
| 10 chrD1.67295:A | G | 0.1048 | 4000 |
| 10 chrD1.67346:A | G | 0.3958 | 3982 |
| 10 chrD1.67357(A | A | 0.175 | 3988 |
| 10 chrD1.67407:A | A | 0.0945 | 4000 |
| 10 chrD1.67450:C | A | 0.3838 | 4002 |
| 10 chrD1.67496:A | G | 0.1576 | 3954 |
| 10 chrD1.67546:A | G | 0.1315 | 3946 |
| 10 chrD1.67580:A | C | 0.296 | 3942 |
| 10 chrD1.67614:C | A | 0.4824 | 3978 |
| 10 chrD1.67646:A | C | 0.08038 | 4006 |
| 10 chrD1.67700:A | G | 0.4834 | 3968 |
| 10 chrD1.67786:A | G | 0.134 | 4006 |
| 10 chrD1.67795:A | G | 0 | 4004 |
| 10 chrD1.67879:A | C | 0.1077 | 3982 |
| 10 chrD1.67951:A | C | 0.1569 | 3970 |

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| 10 chrD1.67990(A | G | 0.1288 | 3982 |
| 10 chrD1.68043(A | G | 0.01048 | 4006 |
| 10 chrD1.68095(A | C | 0.4428 | 3986 |
| 10 chrD1.68165(C | A | 0.2869 | 3942 |
| 10 chrD1.68225(A | C | 0.0766 | 4008 |
| 10 chrD1.68299(A | G | 0.3831 | 3908 |
| 10 chrD1.68333(A | G | 0.2317 | 3988 |
| 10 chrD1.68483(G | A | 0.3634 | 4004 |
| 10 chrD1.68507(C | A | 0.3405 | 3976 |
| 10 chrD1.68591(A | G | 0.1615 | 4000 |
| 10 chrD1.68619(G | A | 0.1081 | 4006 |
| 10 chrD1.68638(A | G | 0.06954 | 3782 |
| 10 chrD1.68651(A | G | 0.24 | 3892 |
| 10 chrD1.68691(C | A | 0.4419 | 3990 |
| 10 chrD1.68727(A | G | 0.2088 | 4008 |
| 10 chrD1.68768(G | A | 0.3712 | 3984 |
| 10 chrD1.68812(G | A | 0.2476 | 3950 |
| 10 chrD1.68848(A | C | 0.1468 | 3698 |
| 10 chrD1.68883(G | A | 0.2347 | 3988 |
| 10 chrD1.68944(G | A | 0.07382 | 3996 |
| 10 chrD1.69019(C | A | 0.1613 | 4000 |
| 10 chrD1.69073(G | A | 0.252 | 3992 |
| 10 chrD1.69103(G | A | 0.1509 | 4008 |
| 10 chrD1.69152(A | G | 0.06628 | 3998 |
| 10 chrD1.69187(A | G | 0.06822 | 4002 |
| 10 chrD1.69216(G | A | 0.4797 | 3998 |
| 10 chrD1.69240(G | A | 0.4646 | 4006 |
| 10 chrD1.69363(A | G | 0.1098 | 3860 |
| 10 chrD1.69399(A | G | 0.2324 | 3988 |
| 10 chrD1.69444(A | G | 0.1565 | 3994 |
| 10 chrD1.69468(A | G | 0.3319 | 3992 |
| 10 chrD1.69514(G | A | 0.2528 | 3900 |
| 10 chrD1.69620(C | A | 0.1009 | 3996 |
| 10 chrD1.69656(G | A | 0.1742 | 4002 |
| 10 chrD1.69718(A | G | 0.4402 | 3994 |
| 10 chrD1.69720(A | C | 0.01951 | 3844 |
| 10 chrD1.69752(C | A | 0.3739 | 3996 |
| 10 chrD1.69777(G | A | 0.2709 | 4002 |
| 10 chrD1.69860(G | A | 0.07236 | 4008 |
| 10 chrD1.69918(C | A | 0.02173 | 4004 |
| 10 chrD1.69943(A | G | 0.09825 | 4000 |

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| 10 chrD1.699837A | G | 0.02346 | 3708 |
| 10 chrD1.700239A | G | 0.1675 | 4006 |
| 10 chrD1.700509A | G | 0.2111 | 3998 |
| 10 chrD1.700977A | G | 0.42 | 3988 |
| 10 chrD1.701041A | C | 0.002506 | 3990 |
| 10 chrD1.701209A | G | 0.2356 | 3990 |
| 10 chrD1.702064G | A | 0.06405 | 3950 |
| 10 chrD1.702357A | G | 0.3116 | 4008 |
| 10 chrD1.702657G | A | 0.3519 | 3984 |
| 10 chrD1.702984A | G | 0.1606 | 3954 |
| 10 chrD1.704189A | G | 0.1544 | 4008 |
| 10 chrD1.703759A | C | 0.04732 | 3994 |
| 10 chrD1.705869A | G | 0.1953 | 3824 |
| 10 chrD1.706346C | A | 0.169 | 4000 |
| 10 chrD1.706621A | G | 0.1168 | 3938 |
| 10 chrD1.706926A | G | 0.1094 | 3838 |
| 10 chrD1.707264A | G | 0.4774 | 3990 |
| 10 chrD1.707508A | G | 0.2506 | 3926 |
| 10 chrD1.707809A | G | 0.2815 | 3958 |
| 10 chrD1.708277G | A | 0.06007 | 3962 |
| 10 chrD1.708518A | G | 0.07636 | 3994 |
| 10 chrD1.708769A | C | 0.3823 | 3858 |
| 10 chrD1.709248G | A | 0.3426 | 3984 |
| 10 chrD1.709869A | G | 0.02668 | 4010 |
| 10 chrD1.710367A | G | 0.131 | 4008 |
| 10 chrD1.710909A | G | 0.1501 | 3990 |
| 10 chrD1.711219G | A | 0.1963 | 3628 |
| 10 chrD1.711726A | G | 0.127 | 4000 |
| 10 chrD1.712148C | A | 0.09253 | 3988 |
| 10 chrD1.712937A | C | 0.1011 | 3998 |
| 10 chrD1.713357G | A | 0.4428 | 3984 |
| 10 chrUn.584489A | G | 0.3786 | 3962 |
| 10 chrD1.714021A | G | 0.4323 | 4002 |
| 10 chrD1.714546C | A | 0.4581 | 3990 |
| 10 chrD1.714989G | A | 0.1027 | 3836 |
| 10 chrD1.715229A | G | 0.08402 | 3904 |
| 10 chrD1.715661A | G | 0.2284 | 3616 |
| 10 chrUn.387349A | G | 0.07527 | 3826 |
| 10 chrD1.716167A | C | 0.2402 | 3960 |
| 10 chrD1.716408A | C | 0.174 | 3850 |
| 10 chrD1.716759G | A | 0.3303 | 3966 |

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| 10 chrD1.71777G | A | 0.2885 | 3976 |
| 10 chrD1.71817A | G | 0.2387 | 4010 |
| 10 chrD1.71849A | G | 0.1315 | 3984 |
| 10 chrD1.71912A | G | 0.4615 | 3996 |
| 10 chrD1.71959G | A | 0.1152 | 3994 |
| 10 chrD1.72060A | C | 0.03975 | 3874 |
| 10 chrD1.72086A | C | 0.09157 | 4008 |
| 10 chrD1.72204G | A | 0.495 | 3820 |
| 10 chrD1.72265C | A | 0.4801 | 3978 |
| 10 chrD1.72294A | C | 0.169 | 4000 |
| 10 chrD1.72372A | G | 0.01022 | 4010 |
| 10 chrD1.72329G | A | 0.453 | 3976 |
| 10 chrD1.72343A | G | 0.0649 | 4006 |
| 10 chrD1.72411G | A | 0.03473 | 4002 |
| 10 chrD1.72456A | G | 0.06244 | 3988 |
| 10 chrD1.72462A | G | 0.02807 | 3990 |
| 10 chrD1.72498A | C | 0.4366 | 3850 |
| 10 chrD1.72567A | G | 0.4124 | 3984 |
| 10 chrD1.72608G | A | 0.2143 | 3980 |
| 10 chrD1.72638A | G | 0.08047 | 3964 |
| 10 chrD1.72692G | A | 0.2461 | 4006 |
| 10 chrUn.60132A | G | 0.1099 | 4004 |
| 10 chrD1.72716C | A | 0.4945 | 3986 |
| 10 chrD1.72744G | A | 0.08911 | 3984 |
| 10 Phen_TYR_GA | G | 0.388 | 3982 |
| 10 Phen_TYR_GA | C | 0.07161 | 4008 |
| 10 chrD1.72834G | A | 0.1216 | 4004 |
| 10 chrD1.72860A | G | 0.4431 | 3992 |
| 10 chrD1.72914G | A | 0.0562 | 3986 |
| 10 chrD1.72966G | A | 0.1612 | 4002 |
| 10 chrD1.73017A | G | 0.1126 | 3880 |
| 10 chrD1.73100G | A | 0.4003 | 4004 |
| 10 chrD1.73190A | G | 0.09692 | 3962 |
| 10 chrD1.73259C | A | 0.03162 | 3890 |
| 10 chrD1.73308G | A | 0.07204 | 3998 |
| 10 chrD1.73355C | A | 0.1388 | 3998 |
| 10 chrD1.73381G | A | 0.164 | 4000 |
| 10 chrD1.73383C | A | 0.3625 | 4000 |
| 10 chrD1.73422G | A | 0.006767 | 3990 |
| 10 chrD1.73494G | A | 0.09486 | 4006 |
| 10 chrD1.73543G | A | 0.09902 | 3858 |

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| 10 chrD1.73561 | A | G | 0.3143 | 4006 |
| 10 chrD1.73676 | A | G | 0.4166 | 3932 |
| 10 chrD1.73716 | G | A | 0.2529 | 3998 |
| 10 chrD1.73748 | G | A | 0.4311 | 3950 |
| 10 chrD1.73778 | A | G | 0.1136 | 4004 |
| 10 chrD1.73809 | G | A | 0.1078 | 3988 |
| 10 chrD1.73834 | G | A | 0.2476 | 3994 |
| 10 chrD1.73874 | A | G | 0.04135 | 3628 |
| 10 chrD1.73928 | G | A | 0.4328 | 4002 |
| 10 chrD1.73984 | G | A | 0.3871 | 3960 |
| 10 chrD1.74021 | G | A | 0.2398 | 3970 |
| 10 chrD1.74048 | G | A | 0.443 | 4000 |
| 10 chrD1.74097 | A | G | 0.1464 | 3988 |
| 10 chrD1.74124 | A | G | 0.3411 | 3996 |
| 10 chrD1.74151 | A | G | 0.05719 | 4004 |
| 10 chrD1.74202 | A | G | 0.1171 | 3810 |
| 10 chrD1.74225 | A | C | 0.1115 | 3900 |
| 10 chrD1.74226 | A | G | 0.2041 | 4008 |
| 10 chrD1.74265 | G | A | 0.07013 | 3964 |
| 10 chrD1.74310 | C | A | 0.07279 | 3998 |
| 10 chrD1.74373 | G | A | 0.06075 | 4000 |
| 10 chrD1.74429 | A | G | 0.1316 | 4006 |
| 10 chrD1.74465 | A | G | 0.1266 | 3926 |
| 10 chrD1.74495 | A | C | 0.02348 | 4004 |
| 10 chrD1.74557 | A | G | 0.00251 | 3984 |
| 10 chrD1.74590 | A | G | 0.1414 | 3946 |
| 10 chrD1.74617 | A | G | 0.09145 | 3860 |
| 10 chrD1.74641 | G | A | 0.3247 | 3970 |
| 10 chrD1.74694 | A | G | 0.06633 | 4010 |
| 10 chrD1.74718 | G | A | 0.2085 | 3980 |
| 10 chrD1.74777 | A | G | 0.1023 | 4008 |
| 10 chrD1.74806 | A | G | 0.07559 | 3744 |
| 10 chrD1.74843 | A | G | 0.1072 | 3918 |
| 10 chrD1.74880 | A | G | 0.4182 | 3998 |
| 10 chrUn.79463 | G | A | 0.4668 | 3708 |
| 10 chrD1.74919 | A | G | 0.04714 | 3946 |
| 10 chrD1.74948 | A | G | 0.05172 | 4002 |
| 10 chrD1.74973 | G | A | 0.1845 | 3978 |
| 10 chrD1.75003 | G | A | 0.02795 | 3792 |
| 10 chrD1.75027 | A | G | 0.1351 | 3966 |
| 10 chrD1.75062 | G | A | 0.1393 | 3984 |

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| 10 chrD1.75092(A | G | 0.04429 | 3996 |
| 10 chrD1.75146(A | C | 0.4017 | 3996 |
| 10 chrD1.75170(A | A | 0.1683 | 3940 |
| 10 chrD1.75218(A | G | 0.4301 | 3990 |
| 10 chrD1.75253(A | A | 0.2427 | 3844 |
| 10 chrUn.64615(A | G | 0.1022 | 3962 |
| 10 chrD1.75290(A | C | 0.1131 | 3998 |
| 10 chrD1.75351(A | C | 0.4164 | 3972 |
| 10 chrD1.75375(A | G | 0.4103 | 4000 |
| 10 chrD1.75405(A | A | 0.1796 | 3992 |
| 10 chrD1.75431(A | G | 0.2628 | 3930 |
| 10 chrD1.75461(A | G | 0.05567 | 4006 |
| 10 chrD1.75518(A | A | 0.256 | 4004 |
| 10 chrD1.75545(A | A | 0.26 | 4000 |
| 10 chrD1.75575(A | G | 0.0686 | 3994 |
| 10 chrD1.75604(A | G | 0.3531 | 3988 |
| 10 chrD1.75633(A | A | 0.3715 | 3688 |
| 10 chrD1.75694(A | A | 0.06632 | 3996 |
| 10 chrD1.75739(A | C | 0.3609 | 3962 |
| 10 chrD1.75765(A | G | 0.2812 | 3990 |
| 10 chrD1.75797(A | A | 0.3238 | 4006 |
| 10 chrD1.75849(A | A | 0.399 | 3980 |
| 10 chrD1.75899(A | G | 0.0007508 | 3996 |
| 10 chrD1.75916(A | C | 0.07489 | 4006 |
| 10 chrD1.75941(A | A | 0.2067 | 3996 |
| 10 chrD1.76012(A | G | 0.07334 | 3818 |
| 10 chrD1.76041(A | G | 0.03381 | 3668 |
| 10 chrD1.76081(A | A | 0.06961 | 4008 |
| 10 chrUn.96368(A | A | 0.04167 | 4008 |
| 10 chrUn.13818(A | G | 0.1311 | 4006 |
| 10 chrD1.76125(A | G | 0.1288 | 3984 |
| 10 chrD1.76204(A | A | 0.3017 | 4004 |
| 10 chrD1.76235(A | A | 0.3001 | 3982 |
| 10 chrD1.76265(A | G | 0.3106 | 3896 |
| 10 chrD1.76323(A | G | 0.06231 | 3996 |
| 10 chrD1.76368(A | A | 0.03067 | 3848 |
| 10 chrD1.76435(A | A | 0.393 | 3936 |
| 10 chrD1.76547(A | A | 0.3588 | 3930 |
| 10 chrB4.13985(A | G | 0.103 | 3844 |
| 10 chrD1.76637(A | A | 0.1242 | 4000 |
| 10 chrD1.76689(A | A | 0.3833 | 4002 |

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|----------------|---|---|----------|------|
| 10 chrD1.76714 | G | A | 0.1543 | 3992 |
| 10 chrD1.76834 | A | G | 0.1298 | 3936 |
| 10 chrD1.76882 | G | A | 0.4725 | 3970 |
| 10 chrD1.76906 | G | A | 0.05932 | 3894 |
| 10 chrD1.76975 | A | G | 0.3381 | 3984 |
| 10 chrD1.77044 | G | A | 0.1707 | 4006 |
| 10 chrD1.77093 | A | G | 0.4305 | 3958 |
| 10 chrD1.77130 | A | G | 0.1788 | 3998 |
| 10 chrD1.77163 | A | G | 0.06917 | 3990 |
| 10 chrD1.77189 | A | G | 0.2622 | 4000 |
| 10 chrD1.77224 | A | G | 0.124 | 3912 |
| 10 chrD1.77251 | C | A | 0.1768 | 3994 |
| 10 chrD1.77307 | A | G | 0.1992 | 3680 |
| 10 chrD1.77359 | G | A | 0.1975 | 4000 |
| 10 chrD1.77402 | C | A | 0.2445 | 4004 |
| 10 chrD1.77477 | C | A | 0.2745 | 4000 |
| 10 chrD1.77500 | A | G | 0.318 | 4000 |
| 10 chrD1.77552 | A | G | 0.2571 | 4002 |
| 10 chrD1.77570 | A | G | 0.02646 | 4006 |
| 10 chrD1.77609 | A | G | 0.05346 | 3666 |
| 10 chrD1.77638 | A | G | 0.4 | 4000 |
| 10 chrD1.77668 | A | G | 0.1457 | 4002 |
| 10 chrD1.77696 | A | A | 0.1427 | 3966 |
| 10 chrD1.77733 | A | A | 0.09291 | 4004 |
| 10 chrD1.77782 | C | A | 0.1619 | 3996 |
| 10 chrD1.77823 | G | A | 0.1373 | 3998 |
| 10 chrD1.77849 | G | A | 0.003247 | 4004 |
| 10 chrD1.77895 | A | G | 0.1823 | 4000 |
| 10 chrD1.77964 | A | G | 0.2362 | 3988 |
| 10 chrD1.77992 | A | G | 0.2045 | 3996 |
| 10 chrD1.78080 | A | A | 0.3455 | 3962 |
| 10 chrD1.78085 | A | G | 0.0943 | 3998 |
| 10 chrD1.78148 | A | G | 0.08642 | 3992 |
| 10 chrD1.78182 | A | G | 0.003493 | 4008 |
| 10 chrD1.78306 | A | G | 0.4305 | 4002 |
| 10 chrD1.78333 | G | A | 0.2279 | 4006 |
| 10 chrD1.78379 | A | G | 0.1365 | 4006 |
| 10 chrD1.78404 | A | G | 0.4251 | 3926 |
| 10 chrD1.78461 | A | C | 0.1605 | 3918 |
| 10 chrD1.78529 | C | A | 0.06279 | 3918 |
| 10 chrD1.78596 | C | A | 0.3387 | 4004 |

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| 10 chrD1.786587A | C | 0.4086 | 3862 |
| 10 chrD1.786937A | G | 0.04264 | 3846 |
| 10 chrD1.787367A | C | 0.04115 | 4010 |
| 10 chrD1.787569A | G | 0.1795 | 3944 |
| 10 chrD1.787816A | G | 0.06222 | 4002 |
| 10 chrD1.788227A | G | 0.4902 | 3996 |
| 10 chrD1.788727A | G | 0.1775 | 4000 |
| 10 chrD1.789107G | A | 0.07938 | 4006 |
| 10 chrD1.789536G | A | 0.3459 | 3998 |
| 10 chrD1.790124G | A | 0.07371 | 4002 |
| 10 chrD1.790406G | A | 0.2496 | 3986 |
| 10 chrD1.790799A | G | 0.06413 | 3976 |
| 10 chrD1.790907A | G | 0.4336 | 4004 |
| 10 chrD1.791144G | A | 0.2199 | 3966 |
| 10 chrD1.791699A | G | 0.4535 | 3982 |
| 10 chrD1.791986G | A | 0.09989 | 3694 |
| 10 chrUn.509134G | A | 0.08641 | 4004 |
| 10 chrD1.793269A | C | 0.3761 | 4002 |
| 10 chrD1.793709G | A | 0.36 | 3994 |
| 10 chrD1.794216A | G | 0.3493 | 3896 |
| 10 chrD1.794514A | G | 0.457 | 3952 |
| 10 chrD1.795307A | G | 0.3522 | 3998 |
| 10 chrD1.795619A | G | 0.09039 | 3994 |
| 10 chrD1.795986A | G | 0.3592 | 3984 |
| 10 chrD1.796429A | C | 0.4574 | 3918 |
| 10 chrD1.796718A | G | 0.2344 | 3998 |
| 10 chrD1.796999A | G | 0.3544 | 3984 |
| 10 chrD1.797264A | G | 0.1308 | 4006 |
| 10 chrD1.797759A | C | 0.4945 | 3982 |
| 10 chrD1.798208A | C | 0.444 | 4000 |
| 10 chrD1.798497G | A | 0.1034 | 3966 |
| 10 chrD1.798786G | A | 0.1971 | 3978 |
| 10 chrD1.799187A | G | 0.08188 | 4006 |
| 10 chrB3.117619A | C | 0.09628 | 3978 |
| 10 chrD1.799438G | A | 0.08996 | 4002 |
| 10 chrUn.553267A | G | 0.1018 | 3978 |
| 10 chrD1.801438G | A | 0.2099 | 4002 |
| 10 chrD1.802169A | G | 0.1028 | 4000 |
| 10 chrD1.802768A | G | 0.2669 | 3600 |
| 10 chrD1.803316A | G | 0.1668 | 3994 |
| 10 chrD1.803676G | A | 0.03401 | 3852 |

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| 10 chrD1.80392:A | G | 0.05773 | 3984 |
| 10 chrD1.80427:A | C | 0.2024 | 3988 |
| 10 chrD1.80467:C | A | 0.2467 | 3984 |
| 10 chrD1.80559:A | G | 0.005107 | 3916 |
| 10 chrD1.80559:A | G | 0.05233 | 3994 |
| 10 chrD1.80589:C | A | 0.1489 | 4002 |
| 10 chrD1.80650:G | A | 0.2772 | 3986 |
| 10 chrD1.80719:G | A | 0.05965 | 3990 |
| 10 chrD1.80780:A | G | 0.03668 | 4008 |
| 10 chrD1.80830:A | G | 0.3543 | 3994 |
| 10 chrD1.80890:A | G | 0.1203 | 4008 |
| 10 chrD1.80927:A | C | 0.3022 | 3974 |
| 10 chrD1.80957:G | A | 0.132 | 3720 |
| 10 chrD1.81020:A | G | 0.217 | 3940 |
| 10 chrD1.81056:A | G | 0.3439 | 4004 |
| 10 chrD1.81164:A | G | 0.1223 | 3940 |
| 10 chrD1.81209:A | G | 0.05341 | 3876 |
| 10 chrD1.81235:G | A | 0.1043 | 3930 |
| 10 chrD1.81321:A | C | 0.09223 | 3914 |
| 10 chrD1.81349:G | A | 0.2948 | 3996 |
| 10 chrD1.81374:C | A | 0.2574 | 4006 |
| 10 chrD1.81405:G | A | 0.2102 | 4006 |
| 10 chrD1.81432:G | A | 0.3992 | 3998 |
| 10 chrD1.81457:A | G | 0.03639 | 3930 |
| 10 chrUn.80314:G | A | 0.09093 | 3992 |
| 10 chrD1.81564:A | G | 0.4143 | 4000 |
| 10 chrD1.81619:A | G | 0.3314 | 3974 |
| 10 chrD1.81648:G | A | 0.4223 | 3888 |
| 10 chrD1.81678:G | A | 0.408 | 3990 |
| 10 chrD1.81720:A | G | 0.09189 | 3994 |
| 10 chrD1.81787:A | G | 0.2338 | 3990 |
| 10 chrD1.81825:G | A | 0.1631 | 3980 |
| 10 chrD1.81882:A | G | 0.1493 | 4006 |
| 10 chrD1.81911:A | G | 0.2468 | 3906 |
| 10 chrD1.81948:G | A | 0.4928 | 3866 |
| 10 chrD1.81975:C | A | 0.4568 | 3984 |
| 10 chrD1.82011:G | A | 0.05714 | 4008 |
| 10 chrD1.82045:G | A | 0.2546 | 3990 |
| 10 chrUn.68735:A | G | 0.1391 | 3998 |
| 10 chrD1.82107:G | A | 0.3252 | 3988 |
| 10 chrD1.82132:A | G | 0.2051 | 4002 |

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| 10 chrD1.821863G | A | 0.1364 | 3988 |
| 10 chrD1.822608C | A | 0.18 | 3988 |
| 10 chrD1.823605A | G | 0.1455 | 4006 |
| 10 chrD1.823849G | A | 0.1905 | 3994 |
| 10 chrD1.824105A | C | 0.1358 | 3998 |
| 10 chrD1.824688G | A | 0.1152 | 4010 |
| 10 chrD1.825079A | G | 0.3615 | 4008 |
| 10 chrD1.825365G | A | 0.237 | 3992 |
| 10 chrD1.825529A | G | 0.2911 | 3998 |
| 10 chrD1.825652C | A | 0.0754 | 3992 |
| 10 chrD1.825960A | G | 0.2142 | 4000 |
| 10 chrD1.826235C | A | 0.2911 | 4002 |
| 10 chrD1.826906A | G | 0.1227 | 3994 |
| 10 chrD4.309269G | A | 0.1075 | 3832 |
| 10 chrD1.827198A | G | 0.2343 | 4008 |
| 10 chrD1.827460A | G | 0.3277 | 4004 |
| 10 chrD1.827894G | A | 0.1471 | 3990 |
| 10 chrD1.828318A | G | 0.1376 | 3976 |
| 10 chrD1.828663G | A | 0.13 | 3884 |
| 10 chrD1.829130A | G | 0.1162 | 4000 |
| 10 chrD1.829505A | C | 0.01723 | 4004 |
| 10 chrD1.829798C | A | 0.1025 | 3864 |
| 10 chrD1.830617A | G | 0.269 | 3996 |
| 10 chrD1.831543G | A | 0.387 | 3964 |
| 10 chrD1.831923A | G | 0.09799 | 3990 |
| 10 chrD1.832277G | A | 0.1527 | 4002 |
| 10 chrD1.832532C | A | 0.3216 | 3990 |
| 10 chrD1.832968A | G | 0.3391 | 3990 |
| 10 chrD1.833594A | G | 0.0993 | 3978 |
| 10 chrD1.833904C | A | 0.06162 | 3992 |
| 10 chrD1.834045G | A | 0.2513 | 3996 |
| 10 chrD1.834277A | G | 0.3099 | 3988 |
| 10 chrD1.834549A | G | 0.1556 | 3992 |
| 10 chrD1.835450A | G | 0.2336 | 3998 |
| 10 chrD1.835795G | A | 0.1442 | 3744 |
| 10 chrD1.836467C | A | 0.3329 | 4004 |
| 10 chrD1.836717G | A | 0.4864 | 3974 |
| 10 chrD1.837300A | G | 0.09311 | 4006 |
| 10 chrD1.837542A | C | 0.3361 | 3942 |
| 10 chrD1.837835G | A | 0.2493 | 4008 |
| 10 chrD1.838416A | G | 0.1311 | 3996 |

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| 10 chrD1.839229A | G | 0.1977 | 4006 |
| 10 chrD1.839518A | G | 0.169 | 4000 |
| 10 chrD1.839908G | A | 0.4865 | 3994 |
| 10 chrD1.840319A | G | 0.113 | 4000 |
| 10 chrD1.840584A | G | 0.216 | 3982 |
| 10 chrD1.840919G | A | 0.09636 | 4006 |
| 10 chrD1.841339G | A | 0.1277 | 4008 |
| 10 chrD1.841579A | G | 0.09611 | 4006 |
| 10 chrD1.842079C | A | 0.03863 | 3702 |
| 10 chrD1.842384A | G | 0.1487 | 4008 |
| 10 chrD1.842629A | G | 0.0785 | 4000 |
| 10 chrD1.843228A | G | 0.1857 | 4002 |
| 10 chrD1.843519A | C | 0.454 | 4004 |
| 10 chrD1.844179A | G | 0.3821 | 3996 |
| 10 chrD1.844759G | A | 0.2775 | 3968 |
| 10 chrD1.845379A | G | 0.2861 | 3998 |
| 10 chrD1.845439A | G | 0.2445 | 4000 |
| 10 chrD1.845709A | G | 0.06792 | 3872 |
| 10 chrD1.845984A | G | 0.4988 | 4006 |
| 10 chrD1.846499C | A | 0.152 | 3994 |
| 10 chrD1.846819G | A | 0.4815 | 4008 |
| 10 chrD1.848039A | G | 0.05863 | 4008 |
| 10 chrD1.848244G | A | 0.4133 | 4002 |
| 10 chrD1.848594A | G | 0.4845 | 3990 |
| 10 chrD1.848929G | A | 0.09685 | 3996 |
| 10 chrD1.849189G | A | 0.06356 | 3996 |
| 10 chrD1.849604G | A | 0.0386 | 3990 |
| 10 chrD1.849938A | C | 0.309 | 4000 |
| 10 chrD1.850359G | A | 0.4429 | 3820 |
| 10 chrD1.851289G | A | 0.3935 | 4000 |
| 10 chrD1.851779C | A | 0.06936 | 4008 |
| 10 chrD1.852269A | G | 0.3791 | 4002 |
| 10 chrD1.852889G | A | 0.4129 | 3996 |
| 10 chrD1.853209G | A | 0.05592 | 4006 |
| 10 chrD1.853814G | A | 0.1021 | 3998 |
| 10 chrD1.854269G | A | 0.2771 | 3970 |
| 10 chrD1.854669A | G | 0.3704 | 3998 |
| 10 chrD1.855014A | G | 0.4889 | 3972 |
| 10 chrD1.855359A | G | 0.05403 | 3942 |
| 10 chrD1.855669G | A | 0.1001 | 3728 |
| 10 chrD1.856408A | C | 0.0976 | 3924 |

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| 10 chrD1.856729G | A | 0.3387 | 4006 |
| 10 chrD1.857277G | A | 0.2384 | 4006 |
| 10 chrD1.858039G | A | 0.07838 | 4006 |
| 10 chrD1.858314G | A | 0.4856 | 3962 |
| 10 chrD1.858559A | C | 0.4227 | 3982 |
| 10 chrD1.858794G | A | 0.03492 | 3980 |
| 10 chrD1.859244A | G | 0.08982 | 4008 |
| 10 chrD1.859541A | G | 0.2351 | 4006 |
| 10 chrD1.860176A | G | 0.3565 | 3980 |
| 10 chrD1.860461G | A | 0.3533 | 3898 |
| 10 chrD1.861060A | G | 0.2316 | 3972 |
| 10 chrD1.861356A | G | 0.2587 | 4008 |
| 10 chrD1.861799G | A | 0.4201 | 3982 |
| 10 chrD1.862207G | A | 0.05212 | 4010 |
| 10 chrD1.863437A | G | 0.4287 | 3970 |
| 10 chrD1.863899A | G | 0.3159 | 3970 |
| 10 chrD1.864209A | G | 0.2918 | 3992 |
| 10 chrD1.864486A | C | 0.2449 | 3998 |
| 10 chrD1.864931C | A | 0.4364 | 4008 |
| 10 chrD1.865579G | A | 0.1756 | 3976 |
| 10 chrUn.345669G | A | 0.2294 | 4002 |
| 10 chrD1.865889A | G | 0.03595 | 4006 |
| 10 chrD1.866419A | C | 0.1998 | 3918 |
| 10 chrD1.866789G | A | 0.4233 | 4000 |
| 10 chrD1.867401A | G | 0.06347 | 4002 |
| 10 chrD1.867669 | 0 A | 0 | 4010 |
| 10 chrD1.868264A | C | 0.09288 | 3962 |
| 10 chrD1.868780A | G | 0.0584 | 3990 |
| 10 chrD1.869279G | A | 0.2386 | 3990 |
| 10 chrD1.869711A | G | 0.2615 | 4000 |
| 10 chrD1.870239G | A | 0.1033 | 3980 |
| 10 chrD1.870586A | G | 0.1594 | 4002 |
| 10 chrD1.870849A | G | 0.1179 | 4004 |
| 10 chrD1.871190G | A | 0.1691 | 3986 |
| 10 chrD1.871677G | A | 0.3729 | 3934 |
| 10 chrD1.871997A | G | 0.4145 | 4002 |
| 10 chrD1.872270G | A | 0.0181 | 3868 |
| 10 chrD1.872379A | G | 0.2014 | 3992 |
| 10 chrD1.872756A | G | 0.2406 | 3974 |
| 10 chrD1.873689A | G | 0.09405 | 3998 |
| 10 chrD1.874089A | G | 0.2811 | 3974 |

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| 10 chrD1.87437 | A | G | 0.2052 | 3972 |
| 10 chrD1.87512 | C | A | 0.07623 | 3778 |
| 10 chrD1.87577 | A | G | 0.0302 | 3874 |
| 10 chrD1.87640 | G | A | 0.3883 | 3922 |
| 10 chrD1.87676 | G | A | 0.1333 | 3984 |
| 10 chrD1.87717 | A | G | 0.4313 | 3914 |
| 10 chrD1.87759 | A | G | 0.1517 | 3994 |
| 10 chrD1.87784 | G | A | 0.1514 | 4008 |
| 10 chrD1.87813 | A | G | 0.3282 | 3992 |
| 10 chrD1.87844 | A | G | 0.1434 | 4004 |
| 10 chrD1.87881 | A | G | 0.4318 | 4004 |
| 10 chrD1.87935 | A | G | 0.008238 | 4006 |
| 10 chrD1.87966 | G | A | 0.3774 | 3990 |
| 10 chrD1.88009 | A | G | 0.3194 | 4004 |
| 10 chrD1.88047 | A | G | 0.2541 | 3982 |
| 10 chrD1.88077 | A | G | 0.3465 | 4006 |
| 10 chrD1.88081 | A | G | 0.4406 | 4006 |
| 10 chrD1.88133 | A | G | 0.3732 | 3982 |
| 10 chrD1.88210 | G | A | 0.1275 | 4000 |
| 10 chrD1.88230 | G | A | 0.3503 | 3994 |
| 10 chrD1.88245 | G | A | 0.2617 | 3966 |
| 10 chrD1.88287 | A | G | 0.3209 | 4004 |
| 10 chrD1.88374 | G | A | 0.1067 | 4002 |
| 10 chrD1.88439 | C | A | 0.3318 | 4006 |
| 10 chrD1.88544 | A | G | 0.1662 | 3918 |
| 10 chrD1.88573 | A | G | 0.08691 | 4004 |
| 10 chrD1.88610 | A | G | 0.1738 | 3814 |
| 10 chrD1.88669 | G | A | 0.07111 | 4008 |
| 10 chrD1.88673 | | 0 G | 0 | 4010 |
| 10 chrD1.88712 | G | A | 0.2291 | 3806 |
| 10 chrD1.88804 | G | A | 0.09227 | 4010 |
| 10 chrD1.88862 | G | A | 0.2549 | 4002 |
| 10 chrD1.88952 | C | A | 0.09084 | 3996 |
| 10 chrD1.88985 | C | A | 0.4955 | 3990 |
| 10 chrD1.89128 | G | A | 0.07644 | 3990 |
| 10 chrD1.89154 | A | G | 0.4455 | 3872 |
| 10 chrD1.89234 | A | G | 0.1736 | 3940 |
| 10 chrD1.89324 | A | G | 0.4278 | 3962 |
| 10 chrD1.89388 | G | A | 0.2625 | 3996 |
| 10 chrD1.89429 | A | G | 0.3171 | 4008 |
| 10 chrD1.89456 | G | A | 0.09261 | 4006 |

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| 10 chrD1.89514T | C | 0.0783 | 3908 |
| 10 chrD1.89571T | G | 0.1725 | 3896 |
| 10 chrD1.89682T | G | 0.3316 | 3890 |
| 10 chrD1.89728T | G | 0.06503 | 3752 |
| 10 chrD1.89774T | A | 0.4175 | 4010 |
| 10 chrD1.89798T | A | 0.235 | 3992 |
| 10 chrD1.89851T | G | 0.1018 | 4000 |
| 10 chrD1.89925T | G | 0.1552 | 3788 |
| 10 chrD1.89956T | A | 0.1209 | 4002 |
| 10 chrUn.58707T | A | 0.1317 | 3684 |
| 10 chrD1.90030T | G | 0.499 | 3972 |
| 10 chrD1.90066T | C | 0.2767 | 3990 |
| 10 chrD1.90140T | A | 0.1845 | 4010 |
| 10 chrD1.90184T | A | 0.4337 | 3950 |
| 10 chrD1.90266T | G | 0.02151 | 3998 |
| 10 chrD1.90322T | A | 0.05172 | 4002 |
| 10 chrD1.90337T | G | 0.1327 | 4008 |
| 10 chrD1.90376T | A | 0.424 | 4002 |
| 10 chrD1.90417T | A | 0.1022 | 3992 |
| 10 chrD1.90445T | A | 0.3171 | 3926 |
| 10 chrD1.90471T | G | 0.1334 | 3944 |
| 10 chrD1.90493T | 0 G | 0 | 3994 |
| 10 chrD1.90501T | G | 0.4427 | 4000 |
| 10 chrD1.90527T | A | 0.2328 | 4000 |
| 10 chrD1.90618T | G | 0.3861 | 4004 |
| 10 chrD1.90647T | A | 0.486 | 4006 |
| 10 chrD1.90673T | G | 0.1713 | 4000 |
| 10 chrD1.90708T | G | 0.1343 | 3968 |
| 10 chrD1.90736T | G | 0.1091 | 3996 |
| 10 chrD1.90797T | G | 0.06297 | 3970 |
| 10 chrD1.90869T | A | 0.2056 | 4002 |
| 10 chrD1.90901T | G | 0.04863 | 3948 |
| 10 chrD1.90955T | G | 0.02567 | 3818 |
| 10 chrD1.90990T | G | 0.0232 | 4008 |
| 10 chrD1.91059T | G | 0.2062 | 3730 |
| 10 chrD1.91088T | A | 0.06682 | 3996 |
| 10 chrD1.91134T | A | 0.4595 | 4000 |
| 10 chrD1.91168T | G | 0.2884 | 3974 |
| 10 chrD1.91209T | A | 0.1909 | 3996 |
| 10 chrD1.91269T | G | 0.2454 | 3990 |
| 10 chrD1.91310T | A | 0.2786 | 3984 |

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| 10 chrD1.91336T A | G | 0.1842 | 3974 |
| 10 chrD1.91369T A | G | 0.1299 | 4002 |
| 10 chrD1.91416T G | A | 0.1148 | 3998 |
| 10 chrD1.91444T A | G | 0.3523 | 4002 |
| 10 chrD1.91473T A | G | 0.0687 | 3712 |
| 10 chrD1.91510T A | G | 0.1301 | 4006 |
| 10 chrD1.91545T A | G | 0.3435 | 3986 |
| 10 chrD1.91580T A | G | 0.3821 | 3944 |
| 10 chrD1.91678T C | A | 0.3993 | 3994 |
| 10 chrD1.91721T G | A | 0.1455 | 4008 |
| 10 chrD1.91753T A | G | 0.09503 | 3620 |
| 10 chrD1.91793T A | G | 0.1348 | 3962 |
| 10 chrD1.91834T A | G | 0.1462 | 4002 |
| 10 chrD1.91859T A | G | 0.1692 | 4002 |
| 10 chrD1.91883T A | G | 0.3152 | 3994 |
| 10 chrD1.91924T G | A | 0.03022 | 4004 |
| 10 chrD1.91944T A | G | 0.05005 | 3996 |
| 10 chrD1.91966T A | G | 0.1134 | 4004 |
| 10 chrD1.91991T A | C | 0.4591 | 4006 |
| 10 chrD1.92036T A | G | 0.1556 | 3998 |
| 10 chrD1.92127T A | C | 0.2809 | 3994 |
| 10 chrD1.92166T A | G | 0.4303 | 3988 |
| 10 chrD1.92201T A | G | 0.3751 | 3996 |
| 10 chrD1.92251T G | A | 0.2595 | 3980 |
| 10 chrD1.92277T A | C | 0.1049 | 4002 |
| 10 chrD1.92303T G | A | 0.1168 | 3800 |
| 10 chrD1.92326T G | A | 0.1866 | 3756 |
| 10 chrD1.92352T C | A | 0.02822 | 4004 |
| 10 chrD1.92398T G | A | 0.3283 | 4002 |
| 10 chrD1.92432T G | A | 0.3697 | 3990 |
| 10 chrD1.92497T A | G | 0.4142 | 3996 |
| 10 chrD1.92527T A | G | 0.3886 | 4002 |
| 10 chrD1.92587T A | G | 0.2704 | 3972 |
| 10 chrD1.92644T A | G | 0.273 | 4000 |
| 10 chrD1.92696T G | A | 0.4033 | 3940 |
| 10 chrD1.92734T C | A | 0.2206 | 3948 |
| 10 chrD1.92797T A | G | 0.2277 | 3944 |
| 10 chrUn.11514T C | A | 0.2154 | 3956 |
| 10 chrD1.92854T G | A | 0.06587 | 4008 |
| 10 chrD1.92930T A | G | 0.3242 | 4000 |
| 10 chrC1.11679T G | A | 0.2652 | 4004 |

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| 10 chrD1.92976(A | G | 0.4049 | 3964 |
| 10 chrD1.93015(A | A | 0.4286 | 3964 |
| 10 chrD1.93092(A | C | 0.1324 | 4002 |
| 10 chrD1.93116(A | G | 0.1306 | 3996 |
| 10 chrD1.93188(A | A | 0.4766 | 3928 |
| 10 chrD1.93226(A | A | 0.1449 | 4002 |
| 10 chrD1.93272(A | G | 0.4326 | 3978 |
| 10 chrD1.93441(A | A | 0.1379 | 4002 |
| 10 chrD1.93509(A | G | 0.4571 | 3842 |
| 10 chrD1.93553(A | G | 0.1232 | 4000 |
| 10 chrD1.93596(A | G | 0.4353 | 4004 |
| 10 chrD1.93626(A | G | 0.3724 | 4004 |
| 10 chrD1.93706(A | A | 0.04793 | 4006 |
| 10 chrD1.93782(A | A | 0.1712 | 4006 |
| 10 chrD1.93845(A | C | 0.3056 | 3996 |
| 10 chrD1.93890(A | A | 0.008817 | 3856 |
| 10 chrD1.93929(A | G | 0.3943 | 3974 |
| 10 chrD1.93965(A | A | 0.04661 | 3948 |
| 10 chrD1.93999(A | G | 0.4648 | 4004 |
| 10 chrD1.94055(A | G | 0.2758 | 3912 |
| 10 chrD1.94099(A | G | 0.08957 | 3662 |
| 10 chrD1.94196(A | G | 0.1038 | 3730 |
| 10 chrD1.94156(A | A | 0.4121 | 4006 |
| 10 chrD1.94220(A | A | 0.2106 | 3836 |
| 10 chrD1.94247(A | G | 0.1116 | 3950 |
| 10 chrD1.94279(A | A | 0.3909 | 3996 |
| 10 chrD1.94318(A | C | 0.281 | 3990 |
| 10 chrD1.94443(A | A | 0.002993 | 4010 |
| 10 chrD1.94785(A | A | 0.08175 | 3682 |
| 10 chrD1.94884(A | A | 0.2491 | 3974 |
| 10 chrD1.94885(A | G | 0.1196 | 3988 |
| 10 chrD1.94920(A | A | 0.1444 | 4002 |
| 10 chrD1.94956(A | C | 0.08704 | 3998 |
| 10 chrD1.95066(A | A | 0.3489 | 3950 |
| 10 chrD1.95098(A | A | 0.4046 | 3858 |
| 10 chrD1.95132(A | C | 0.249 | 4008 |
| 10 chrD1.95241(A | A | 0.302 | 3990 |
| 10 chrD1.95289(A | A | 0.1622 | 3866 |
| 10 chrD1.95329(A | G | 0.1634 | 4002 |
| 10 chrD1.95394(A | G | 0.05925 | 4000 |
| 10 chrD1.95424(A | G | 0.08154 | 3998 |

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| 10 chrD1.954476 | A | 0.08195 | 3990 |
| 10 chrD1.954661 | G | 0.2843 | 3992 |
| 10 chrD1.955526 | A | 0.4134 | 4006 |
| 10 chrD1.955925 | C | 0.3462 | 3966 |
| 10 chrD1.956647 | A | 0.1812 | 4002 |
| 10 chrD1.956203 | A | 0.4104 | 3672 |
| 10 chrD1.957146 | A | 0.1848 | 3810 |
| 10 chrD1.957728 | A | 0.2467 | 3770 |
| 10 chrUn.167007 | A | 0.4279 | 3840 |
| 10 chrD1.960168 | G | 0.03078 | 3996 |
| 10 chrD1.961823 | G | 0.4537 | 3992 |
| 10 chrD1.962306 | C | 0.1357 | 3796 |
| 10 chrD1.962788 | A | 0.1392 | 4002 |
| 10 chrD1.963343 | A | 0.4027 | 3996 |
| 10 chrUn.505418 | G | 0.263 | 3992 |
| 10 chrD1.964009 | C | 0.429 | 3944 |
| 10 chrD1.964374 | G | 0.1913 | 4000 |
| 10 chrD1.964909 | A | 0.1944 | 3986 |
| 10 chrD1.965152 | A | 0.3937 | 3998 |
| 10 chrD1.965542 | A | 0.3628 | 3980 |
| 10 chrD1.966132 | G | 0.4613 | 4000 |
| 10 chrD1.966402 | G | 0.0775 | 3974 |
| 10 chrD1.967303 | G | 0.1448 | 4000 |
| 10 chrD1.967559 | G | 0.1194 | 4004 |
| 10 chrD1.967826 | G | 0.04171 | 4004 |
| 10 chrD1.968634 | A | 0.1596 | 4004 |
| 10 chrD1.969164 | G | 0.2802 | 3954 |
| 10 chrD1.969638 | G | 0.002301 | 3912 |
| 10 chrD1.970067 | G | 0.4729 | 3980 |
| 10 chrD1.970514 | G | 0.03974 | 3976 |
| 10 chrD1.970522 | A | 0.09474 | 3916 |
| 10 chrD1.970782 | G | 0.1704 | 3984 |
| 10 chrD1.972346 | A | 0.3923 | 3982 |
| 10 chrD1.972729 | A | 0.4388 | 3856 |
| 10 chrD1.971811 | G | 0.205 | 3830 |
| 10 chrD1.973528 | A | 0.2037 | 3972 |
| 10 chrD1.973975 | A | 0.0738 | 3984 |
| 10 chrD1.974455 | C | 0.4952 | 3784 |
| 10 chrD1.974812 | G | 0.1689 | 3944 |
| 10 chrD1.975168 | G | 0.1566 | 3984 |
| 10 chrD1.975626 | A | 0.2253 | 4004 |

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|-----------------|---|----------|------|
| 10 chrD1.97592G | G | 0.08768 | 3992 |
| 10 chrD1.97619G | G | 0.06372 | 4002 |
| 10 chrD1.97985C | A | 0.1868 | 3946 |
| 10 chrD1.97697G | G | 0.1857 | 3974 |
| 10 chrD1.97701G | G | 0.1194 | 4004 |
| 10 chrD1.98012G | A | 0.0507 | 4004 |
| 10 chrD1.98073G | G | 0.2317 | 3984 |
| 10 chrD1.98122G | A | 0.07956 | 3972 |
| 10 chrD1.98154C | C | 0.2876 | 3922 |
| 10 chrD1.98191G | G | 0.2867 | 3956 |
| 10 chrD1.98227G | A | 0.1146 | 4004 |
| 10 chrD1.98230G | G | 0.1169 | 3858 |
| 10 chrD1.98290G | A | 0.3238 | 4006 |
| 10 chrD1.98361G | A | 0.4637 | 4000 |
| 10 chrD1.98390G | G | 0.07934 | 3920 |
| 10 chrD1.98409G | A | 0.04098 | 3978 |
| 10 chrD1.98500G | G | 0.1259 | 3996 |
| 10 chrD1.98579C | A | 0.1762 | 4002 |
| 10 chrD1.98708G | A | 0.08533 | 4008 |
| 10 chrD1.98839G | G | 0.01849 | 4002 |
| 10 chrD1.98864G | G | 0.1025 | 4008 |
| 10 chrD1.98890G | G | 0.1637 | 3866 |
| 10 chrD1.98963G | A | 0.1162 | 4000 |
| 10 chrD1.99046G | G | 0.3937 | 4006 |
| 10 chrD1.99073G | A | 0.001251 | 3996 |
| 10 chrD1.99100G | A | 0.1511 | 4004 |
| 10 chrD1.99136G | A | 0.2711 | 4002 |
| 10 chrD1.99165G | G | 0.113 | 3654 |
| 10 chrD1.99215G | G | 0.3109 | 4004 |
| 10 chrD1.99241G | A | 0.2566 | 3990 |
| 10 chrD1.99276C | C | 0.1639 | 3990 |
| 10 chrD1.99306G | A | 0.1924 | 4008 |
| 10 chrD1.99361G | A | 0.2184 | 4006 |
| 10 chrD1.99386G | G | 0.3526 | 4002 |
| 10 chrD1.99434C | C | 0.2799 | 3998 |
| 10 chrD1.99475G | G | 0 | 4010 |
| 10 chrD1.99518C | C | 0.3831 | 4004 |
| 10 chrD1.99550C | A | 0.364 | 3964 |
| 10 chrD1.99584C | C | 0.07446 | 4002 |
| 10 chrD1.99626G | A | 0.222 | 3888 |
| 10 chrD1.99714G | G | 0.05094 | 3730 |

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| 10 chrD1.99764!G | A | 0.002246 | 4008 |
| 10 chrD1.99845!G | A | 0.08646 | 4002 |
| 10 chrD1.99903(G | A | 0.3245 | 3994 |
| 10 chrD1.99997!A | G | 0.3079 | 3978 |
| 10 chrD1.10004!A | G | 0.292 | 3932 |
| 10 chrD1.10007(G | A | 0.3889 | 3986 |
| 10 chrD1.10010!A | C | 0.09725 | 4000 |
| 10 chrD1.10014!A | G | 0.1593 | 3986 |
| 10 chrD1.10019!G | A | 0.2496 | 3962 |
| 10 chrD1.10024!A | G | 0.01198 | 4008 |
| 10 chrD1.10029!C | A | 0.2058 | 4004 |
| 10 chrD1.10033(G | A | 0.08526 | 3988 |
| 10 chrD1.10035!C | A | 0.1926 | 4004 |
| 10 chrD1.10037(A | G | 0.498 | 3948 |
| 10 chrD1.10041!C | A | 0.1896 | 4004 |
| 10 chrD1.10045!A | C | 0.006048 | 3968 |
| 10 chrD1.10050!A | G | 0.08196 | 4002 |
| 10 chrD1.10062!G | A | 0.05444 | 3986 |
| 10 chrD1.10065!G | A | 0.2099 | 3998 |
| 10 chrD1.10068(G | A | 0.2357 | 4000 |
| 10 chrD1.10071!A | G | 0.426 | 4002 |
| 10 chrD1.10076!G | A | 0.2854 | 4002 |
| 10 chrD1.10082!A | G | 0.3922 | 4000 |
| 10 chrD1.10085!G | A | 0.2929 | 3964 |
| 10 chrD1.10090!G | A | 0.2688 | 4000 |
| 10 chrD1.10096!A | G | 0.4332 | 3998 |
| 10 chrD1.10098!G | A | 0.0917 | 4002 |
| 10 chrD1.10103!A | G | 0.1499 | 3876 |
| 10 chrD1.10106(G | A | 0.09755 | 4008 |
| 10 chrD1.10110!G | A | 0.4272 | 3996 |
| 10 chrD1.10113!C | A | 0.001008 | 3970 |
| 10 chrD1.10113!G | A | 0.4541 | 3940 |
| 10 chrD1.10124!C | A | 0.155 | 4000 |
| 10 chrD1.10128!G | A | 0.09855 | 3988 |
| 10 chrD1.10132!A | G | 0.1961 | 3992 |
| 10 chrD1.10143(G | G | 0.3741 | 3954 |
| 10 chrD1.10150!A | G | 0.1482 | 4008 |
| 10 chrD1.10153!A | G | 0.07454 | 3998 |
| 10 chrD1.10159(G | A | 0.08241 | 3992 |
| 10 chrD1.10162!G | A | 0.08716 | 4004 |
| 10 chrD1.10165!A | G | 0.3335 | 4006 |

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|-----------------|---|---|----------|------|
| 10 chrD1.10168 | G | A | 0.1549 | 4008 |
| 10 chrD1.10175 | A | C | 0.4072 | 3922 |
| 10 chrD1.10178 | C | A | 0.07212 | 3716 |
| 10 chrD1.10184 | A | G | 0.03418 | 4008 |
| 10 chrD1.10187 | A | G | 0.001496 | 4010 |
| 10 chrD1.10194 | G | A | 0.06322 | 3986 |
| 10 chrD1.10198 | G | A | 0.2847 | 3948 |
| 10 chrD1.10201 | A | G | 0.3177 | 3994 |
| 10 chrD1.10205 | G | A | 0.2096 | 3988 |
| 10 chrD1.10213 | G | A | 0.2796 | 4002 |
| 10 chrD1.10218 | A | G | 0.2299 | 4006 |
| 10 chrD1.10223 | G | A | 0.2279 | 3976 |
| 10 chrD1.10227 | A | G | 0.1649 | 3918 |
| 10 chrD1.10231 | A | G | 0.4502 | 3978 |
| 10 chrD1.10233 | G | A | 0.4773 | 3958 |
| 10 chrD1.10238 | C | A | 0.1335 | 4000 |
| 10 chrD1.10243 | A | G | 0.2132 | 3992 |
| 10 chrD1.10246 | A | C | 0.289 | 4000 |
| 10 chrE2.295164 | A | C | 0.1536 | 3880 |
| 10 chrD1.10255 | C | A | 0.1286 | 4004 |
| 10 chrD1.10258 | G | A | 0.002498 | 4004 |
| 10 chrD1.10259 | A | G | 0.1682 | 4006 |
| 10 chrD1.10265 | G | A | 0.07104 | 3998 |
| 10 chrD1.10269 | A | G | 0.1243 | 4006 |
| 10 chrD1.10271 | A | G | 0.1667 | 3996 |
| 10 chrD1.10274 | C | A | 0.4555 | 4002 |
| 10 chrD1.10283 | A | G | 0.4727 | 3996 |
| 10 chrD1.10288 | A | G | 0.4516 | 3988 |
| 10 chrD1.10296 | A | G | 0.05146 | 3692 |
| 10 chrD1.10302 | C | A | 0.2082 | 3992 |
| 10 chrD1.10302 | A | G | 0.1492 | 4008 |
| 10 chrD1.10305 | A | G | 0.05816 | 4006 |
| 10 chrD1.10311 | G | A | 0.05689 | 4008 |
| 10 chrD1.10313 | C | A | 0.002 | 4000 |
| 10 chrD1.10314 | A | G | 0.07093 | 4004 |
| 10 chrD1.10318 | C | A | 0.09775 | 4000 |
| 10 chrD1.10321 | A | G | 0.0855 | 3684 |
| 10 chrUn.56474 | A | G | 0.3159 | 3986 |
| 10 chrD1.10324 | A | G | 0.116 | 3992 |
| 10 chrD1.10328 | A | G | 0.04144 | 4006 |
| 10 chrD1.10331 | G | A | 0.4165 | 4000 |

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| 10 chrD1.10334(G | A | 0.05841 | 3852 |
| 10 chrD1.10345(A | G | 0.02878 | 3996 |
| 10 chrD1.10349(A | G | 0.2019 | 3982 |
| 10 chrD1.10352(A | G | 0.2577 | 4000 |
| 10 chrD1.10358(A | G | 0.2951 | 4002 |
| 10 chrD1.10362(A | G | 0.06066 | 3742 |
| 10 chrD1.10365(A | G | 0.2789 | 3894 |
| 10 chrD1.10368(A | G | 0.1121 | 3980 |
| 10 chrD1.10371(C | A | 0.3655 | 3986 |
| 10 chrD1.10376(A | G | 0.3229 | 3998 |
| 10 chrD1.10379(A | G | 0.2274 | 3984 |
| 10 chrD1.10383(A | C | 0.1005 | 4008 |
| 10 chrD1.10383(A | G | 0.1726 | 3992 |
| 10 chrD1.10386(G | A | 0.0932 | 4002 |
| 10 chrD1.10393(A | G | 0.2647 | 3986 |
| 10 chrD1.10395(A | G | 0.486 | 4000 |
| 10 chrD1.10399(G | A | 0.4687 | 3998 |
| 10 chrD1.10404(G | A | 0.0549 | 3880 |
| 10 chrD1.10409(A | G | 0.1167 | 3984 |
| 10 chrD1.10416(G | A | 0.07071 | 3974 |
| 10 chrD1.10419(G | A | 0.2079 | 4002 |
| 10 chrD1.10424(G | A | 0.06553 | 3998 |
| 10 chrD1.10426(A | G | 0.4573 | 4004 |
| 10 chrD1.10429(A | G | 0.2849 | 3998 |
| 10 chrD1.10433(A | G | 0.424 | 4002 |
| 10 chrD1.10436(G | A | 0.2941 | 4002 |
| 10 chrD1.10440(A | G | 0.4588 | 4004 |
| 10 chrD1.10444(A | G | 0.0322 | 4006 |
| 10 chrD1.10447(G | A | 0.3738 | 3978 |
| 10 chrD1.10453(G | A | 0.0487 | 4004 |
| 10 chrD1.10457(A | G | 0.02921 | 4006 |
| 10 chrD1.10459(C | A | 0.1129 | 4002 |
| 10 chrD1.10466(C | A | 0.2242 | 4006 |
| 10 chrD1.10472(A | G | 0.4665 | 3996 |
| 10 chrD1.10472(G | A | 0.3392 | 3986 |
| 10 chrD1.10477(G | A | 0.2316 | 3998 |
| 10 chrD1.10486(A | G | 0.1362 | 4002 |
| 10 chrD1.10488(A | G | 0.3686 | 3988 |
| 10 chrD1.10494(A | G | 0.3287 | 3986 |
| 10 chrD1.10497(A | G | 0.1368 | 4006 |
| 10 chrD1.10500(C | A | 0.4817 | 3992 |

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| 10 chrD1.10509(C | A | 0.4072 | 3998 |
| 10 chrD1.10513(G | A | 0.2094 | 4006 |
| 10 chrD1.10538(G | A | 0.05919 | 4004 |
| 10 chrD1.10538(A | G | 0.2315 | 3992 |
| 10 chrD1.10551(A | C | 0.0668 | 3982 |
| 10 chrD1.10553(G | A | 0.385 | 4008 |
| 10 chrD1.10560(G | A | 0.2263 | 4008 |
| 10 chrD1.10563(G | A | 0.1945 | 4000 |
| 10 chrD1.10571(A | C | 0.4069 | 4008 |
| 10 chrD1.10574(G | A | 0.2715 | 3978 |
| 10 chrA2.21109(A | G | 0.1067 | 4002 |
| 10 chrD1.10587(A | G | 0.3458 | 3994 |
| 10 chrD1.10591(A | C | 0.225 | 3978 |
| 10 chrD1.10595(G | A | 0.4693 | 4002 |
| 10 chrD1.10598(A | G | 0.01098 | 3824 |
| 10 chrD1.10601(A | G | 0.1254 | 3988 |
| 10 chrD1.10604(G | A | 0.4723 | 3942 |
| 10 chrD1.10609(A | G | 0.2857 | 3980 |
| 10 chrD1.10614(G | A | 0.4613 | 3924 |
| 10 chrD1.10618(A | G | 0.1976 | 3992 |
| 10 chrD1.10623(A | G | 0.03652 | 3888 |
| 10 chrD1.10626(C | A | 0.3303 | 3984 |
| 10 chrD1.10629(A | C | 0.08976 | 3866 |
| 10 chrD1.10633(A | C | 0.1929 | 4002 |
| 10 chrD1.10636(C | A | 0.1288 | 3992 |
| 10 chrD1.10639(A | C | 0.4145 | 3846 |
| 10 chrD1.10641(A | G | 0.3516 | 3990 |
| 10 chrD1.10642(A | G | 0.1905 | 3948 |
| 10 chrD1.10645(A | G | 0.425 | 4002 |
| 10 chrD1.10647(G | A | 0.3151 | 3996 |
| 10 chrD1.10651(A | G | 0.1298 | 4000 |
| 10 chrD1.10654(C | A | 0.2968 | 3986 |
| 10 chrD1.10657(A | G | 0.0751 | 4008 |
| 10 chrD1.10662(A | G | 0.05988 | 3858 |
| 10 chrD1.10666(G | A | 0.1261 | 3996 |
| 10 chrD1.10677(G | A | 0.2712 | 3968 |
| 10 chrD1.10679(C | A | 0.06841 | 3976 |
| 10 chrD1.10683(C | A | 0.1678 | 3706 |
| 10 chrD1.10688(A | G | 0.1081 | 3996 |
| 10 chrD1.10693(A | C | 0.05539 | 4008 |
| 10 chrD1.10697(A | G | 0.3648 | 4008 |

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| 10 chrD1.10707C | A | 0.1233 | 4008 |
| 10 chrD1.10721C | A | 0.4134 | 3996 |
| 10 chrD1.10740C | G | 0.08121 | 4002 |
| 10 chrD1.10716C | G | 0.1331 | 4004 |
| 10 chrD1.10712C | A | 0.2047 | 3992 |
| 10 chrD1.10746C | G | 0.3823 | 3884 |
| 10 chrD1.10751C | G | 0.3665 | 3994 |
| 10 chrD1.10751C | G | 0.06358 | 3948 |
| 10 chrD1.10724C | A | 0.3428 | 4002 |
| 10 chrD1.10727C | G | 0.2121 | 4008 |
| 10 chrD1.10730C | A | 0.2827 | 3976 |
| 10 chrD1.10582C | A | 0.4802 | 3998 |
| 10 chrD1.10577C | C | 0.2992 | 3994 |
| 10 chrD1.10566C | A | 0.3583 | 4000 |
| 10 chrD1.10557C | G | 0.1092 | 3984 |
| 10 chrD1.10774C | A | 0.2789 | 4002 |
| 10 chrD1.10546C | A | 0.1741 | 3992 |
| 10 chrD1.10542C | C | 0.05776 | 3982 |
| 10 chrD1.10534C | G | 0.1214 | 4004 |
| 10 chrD1.10531C | G | 0.4364 | 3992 |
| 10 chrD1.10527C | A | 0.1423 | 3978 |
| 10 chrD1.10787C | G | 0.08775 | 4000 |
| 10 chrD1.10518C | G | 0.3503 | 4008 |
| 10 chrD1.10789C | G | 0.4835 | 4000 |
| 10 chrD1.10790C | G | 0.07704 | 3998 |
| 10 chrD1.10792C | A | 0.4845 | 3678 |
| 10 chrD1.10796C | G | 0.2804 | 3994 |
| 10 chrD1.10799C | G | 0.2817 | 4004 |
| 10 chrD1.10805C | A | 0.481 | 4004 |
| 10 chrD1.10809C | G | 0.03122 | 4004 |
| 10 chrD1.10819C | A | 0.07746 | 4002 |
| 10 chrD1.10822C | A | 0.3969 | 3996 |
| 10 chrD1.10825C | C | 0.06709 | 3980 |
| 10 chrD1.10834C | A | 0.3513 | 3962 |
| 10 chrD1.10839C | A | 0.195 | 3820 |
| 10 chrD1.10844C | A | 0.4401 | 4006 |
| 10 chrD1.10847C | G | 0.466 | 4000 |
| 10 chrD1.10851C | G | 0.05267 | 4006 |
| 10 chrD1.10855C | C | 0.3298 | 3954 |
| 10 chrD1.10858C | A | 0.001013 | 3950 |
| 10 chrD1.10863C | A | 0.2219 | 3966 |

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| 10 chrD1.108654 | A | 0.3633 | 3980 |
| 10 chrD1.108707 | G | 0.1529 | 4008 |
| 10 chrD1.108767 | C | 0.3674 | 3966 |
| 10 chrD1.108778 | G | 0.02745 | 4008 |
| 10 chrD1.108792 | A | 0.3851 | 4004 |
| 10 chrD1.108830 | C | 0.02634 | 3872 |
| 10 chrD1.108877 | A | 0.01399 | 3932 |
| 10 chrD1.108937 | G | 0.3282 | 3994 |
| 10 chrD1.108964 | A | 0.1996 | 4004 |
| 10 chrD1.109019 | A | 0.1299 | 4004 |
| 10 chrD1.109039 | A | 0.1682 | 4002 |
| 10 chrD1.109074 | C | 0.3925 | 3834 |
| 10 chrD1.109123 | A | 0.005985 | 4010 |
| 10 chrD1.109179 | G | 0.00126 | 3968 |
| 10 chrD1.109207 | A | 0.3671 | 3974 |
| 10 chrD1.109263 | A | 0.2081 | 4002 |
| 10 chrD1.109296 | G | 0.4635 | 3996 |
| 10 chrD1.109326 | G | 0.418 | 4002 |
| 10 chrD1.109399 | A | 0.3268 | 3996 |
| 10 chrD1.109444 | G | 0.3408 | 3864 |
| 10 chrD1.109489 | A | 0.1831 | 3998 |
| 10 chrD1.109547 | G | 0.194 | 3990 |
| 10 chrD1.109607 | A | 0.1118 | 3988 |
| 10 chrD1.109660 | 0 A | 0 | 4010 |
| 10 chrD1.109679 | A | 0.04261 | 3896 |
| 10 chrD1.109709 | A | 0.2169 | 3988 |
| 10 chrD1.109706 | G | 0.2167 | 3960 |
| 10 chrD1.109747 | G | 0.4394 | 3994 |
| 10 chrD1.109799 | A | 0.2917 | 4004 |
| 10 chrD1.109826 | G | 0.07285 | 4008 |
| 10 chrD1.109893 | A | 0.2664 | 4006 |
| 10 chrD1.109950 | A | 0.3976 | 3974 |
| 10 chrD1.110047 | A | 0.07688 | 4006 |
| 10 chrD1.110124 | C | 0.2037 | 3996 |
| 10 chrD1.110168 | G | 0.389 | 4000 |
| 10 chrD1.110193 | G | 0.14 | 4006 |
| 10 chrD1.110276 | G | 0.2278 | 4000 |
| 10 chrD1.110388 | G | 0.3406 | 4002 |
| 10 chrD1.110493 | A | 0.09535 | 3954 |
| 10 chrD1.110588 | G | 0.2117 | 3992 |
| 10 chrD1.110863 | G | 0.212 | 3996 |

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| 10 chrD1.11097:A | G | 0.2488 | 4000 |
| 10 chrD1.11100:G | A | 0.1371 | 3996 |
| 10 chrD1.11105:A | G | 0.374 | 3936 |
| 10 chrD1.11109:A | G | 0.1294 | 3948 |
| 10 chrD1.11115:A | G | 0.14 | 3764 |
| 10 chrD1.11120:C | A | 0.1213 | 3800 |
| 10 chrD1.11123:G | A | 0.1339 | 4004 |
| 10 chrD1.11132:G | A | 0.352 | 4000 |
| 10 chrD1.11135:G | A | 0.3242 | 3964 |
| 10 chrD1.11143:G | A | 0.05977 | 3714 |
| 10 chrD1.11157:G | A | 0.3234 | 4004 |
| 10 chrD1.11161:A | G | 0.1174 | 4002 |
| 10 chrD1.11163:A | G | 0.1058 | 4006 |
| 10 chrD1.11175:A | G | 0.124 | 4000 |
| 10 chrD1.11178:A | G | 0.1385 | 3986 |
| 10 chrD1.11181:A | G | 0.4597 | 4000 |
| 10 chrD1.11186:A | G | 0.09047 | 3946 |
| 10 chrD1.11188:A | G | 0.115 | 3984 |
| 10 chrD1.11189:A | G | 0.4378 | 4004 |
| 10 chrD1.11190:G | A | 0.08161 | 3958 |
| 10 chrD1.11197:G | A | 0.09195 | 4002 |
| 10 chrD1.11202:G | A | 0.4723 | 4004 |
| 10 chrD1.11206:C | A | 0.1715 | 3966 |
| 10 chrD1.11214:G | A | 0.2824 | 4002 |
| 10 chrD1.11221:A | G | 0.425 | 4000 |
| 10 chrD1.11227:G | A | 0.326 | 4000 |
| 10 chrD1.11232:A | G | 0.2328 | 4004 |
| 10 chrD1.11235:A | G | 0.3398 | 4008 |
| 10 chrD1.11238:G | A | 0.1637 | 3994 |
| 10 chrD1.11241:G | A | 0.3163 | 3996 |
| 10 chrD1.11244:C | A | 0.3375 | 3858 |
| 10 chrD1.11245:G | A | 0.2404 | 3918 |
| 10 chrD1.11249:G | A | 0.4277 | 3986 |
| 10 chrD1.11255:C | A | 0.01305 | 3832 |
| 10 chrD1.11258:A | G | 0.08283 | 4008 |
| 10 chrD1.11264:A | C | 0.1148 | 3832 |
| 10 chrD1.11274:A | G | 0.3002 | 3998 |
| 10 chrD1.11280:A | G | 0.4279 | 3996 |
| 10 chrD1.11285:A | G | 0.2748 | 3978 |
| 10 chrD1.11293:A | G | 0.0527 | 4004 |
| 10 chrD1.11296:G | A | 0.42 | 4000 |

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| 10 chrD1.11299(A | G | 0.05694 | 4004 |
| 10 chrD1.11301(A | C | 0.4977 | 3904 |
| 10 chrD1.11309(A | G | 0.2937 | 3984 |
| 10 chrD1.11314(A | A | 0.1742 | 3990 |
| 10 chrD1.11317(A | A | 0.3415 | 4006 |
| 10 chrD1.11322(A | G | 0.01719 | 3956 |
| 10 chrD1.11326(A | A | 0.1833 | 4004 |
| 10 chrD1.11331(A | A | 0.07559 | 3982 |
| 10 chrD1.11335(A | C | 0.3224 | 3908 |
| 10 chrD1.11338(A | G | 0.4965 | 3964 |
| 10 chrD1.11342(A | A | 0.09245 | 4002 |
| 10 chrD1.11346(A | A | 0.08613 | 3994 |
| 10 chrD1.11350(A | G | 0.1077 | 3612 |
| 10 chrD1.11353(A | A | 0.05402 | 3758 |
| 10 chrD1.11357(A | A | 0.2123 | 4000 |
| 10 chrD1.11361(A | G | 0.03883 | 3992 |
| 10 chrD1.11366(A | A | 0.09166 | 4004 |
| 10 chrD1.11370(A | G | 0.0795 | 3698 |
| 10 chrD1.11381(A | G | 0.4979 | 3874 |
| 10 chrUn.24692(A | G | 0.4491 | 3992 |
| 10 chrD1.11386(A | G | 0.3508 | 4002 |
| 10 chrD1.11389(A | G | 0.3505 | 4006 |
| 10 chrD1.11392(A | G | 0.003537 | 3958 |
| 10 chrD1.11398(A | G | 0.0363 | 3994 |
| 10 chrD1.11403(A | G | 0.1519 | 4002 |
| 10 chrD1.11405(A | A | 0.1758 | 3994 |
| 10 chrD1.11408(A | C | 0.02695 | 3970 |
| 10 chrD1.11413(A | G | 0.2049 | 4002 |
| 10 chrD1.11414(A | G | 0.4693 | 4008 |
| 10 chrD1.11418(A | G | 0.01749 | 3944 |
| 10 chrD1.11421(A | A | 0.4196 | 3994 |
| 10 chrD1.11424(A | A | 0.3982 | 4000 |
| 10 chrD1.11429(A | A | 0.2948 | 3962 |
| 10 chrD1.11433(A | G | 0.3044 | 3998 |
| 10 chrUn.46951(A | G | 0.1275 | 3968 |
| 10 chrD1.11438(A | A | 0.4369 | 3944 |
| 10 chrD1.11441(A | G | 0.3466 | 3996 |
| 10 chrD1.11444(A | A | 0.1021 | 3998 |
| 10 chrD1.11451(A | A | 0.4375 | 3998 |
| 10 chrD1.11453(A | G | 0.3305 | 3828 |
| 10 chrD1.11460(A | G | 0.4028 | 3932 |

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| 10 chrD1.11469(A | G | 0.06238 | 4008 |
| 10 chrD1.11472(A | G | 0.3035 | 3960 |
| 10 chrD1.11474(A | G | 0.0005 | 4000 |
| 10 chrD1.11475(C | A | 0.2967 | 3930 |
| 10 chrD1.11479(A | G | 0.4093 | 3990 |
| 10 chrD1.11482(G | A | 0.1025 | 3930 |
| 10 chrD1.11492(A | G | 0.4156 | 4006 |
| 10 chrD1.11498(A | G | 0.04818 | 4006 |
| 10 chrD1.11499(A | G | 0.3082 | 3958 |
| 10 chrD1.11495(A | G | 0.2288 | 4004 |
| 10 chrD1.11505(A | G | 0.4258 | 4000 |
| 10 chrD1.11511(G | A | 0.001996 | 4008 |
| 10 chrD1.11525(C | A | 0.3942 | 3716 |
| 10 chrUn.43710(A | C | 0.1926 | 4004 |
| 10 chrD1.11517(A | G | 0.2983 | 3976 |
| 10 chrD1.11519(A | G | 0.08646 | 4002 |
| 10 chrD1.12502(A | G | 0.1188 | 4006 |
| 10 chrD1.12499(G | A | 0.2737 | 3994 |
| 10 chrD1.12491(A | G | 0.4181 | 3958 |
| 10 chrD1.12488(G | A | 0.3193 | 3990 |
| 10 chrD1.12483(G | A | 0.2881 | 3978 |
| 10 chrD1.12481(G | A | 0.1619 | 4002 |
| 10 chrD1.12474(A | G | 0.2766 | 4002 |
| 10 chrD1.12463(A | G | 0.1668 | 3998 |
| 10 chrD1.12459(G | A | 0.03655 | 3994 |
| 10 chrD1.12456(A | C | 0.4481 | 3934 |
| 10 chrD1.12449(A | G | 0.4523 | 3938 |
| 10 chrD1.12446(A | G | 0.2816 | 4002 |
| 10 chrD1.12441(G | A | 0.2384 | 3976 |
| 10 chrD1.12436(G | A | 0.1565 | 3948 |
| 10 chrD1.12433(A | G | 0.1587 | 4002 |
| 10 chrD1.12429(A | G | 0.1627 | 4002 |
| 10 chrD1.12424(G | A | 0.1438 | 3998 |
| 10 chrUn.28626(C | A | 0.002993 | 4010 |
| 10 chrD1.12421(G | A | 0.0684 | 4006 |
| 10 chrD1.12418(G | A | 0.2156 | 3998 |
| 10 chrD1.12415(G | A | 0.3724 | 3996 |
| 10 chrD1.12406(A | G | 0.001747 | 4006 |
| 10 chrD1.12402(A | G | 0.2075 | 4010 |
| 10 chrD1.12397(G | A | 0.2179 | 3998 |
| 10 chrD1.12393(G | A | 0.4063 | 3948 |

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| 10 chrD1.123907A | G | 0.2169 | 3988 |
| 10 chrD1.123835A | C | 0.04251 | 3740 |
| 10 chrD1.123796G | A | 0.08785 | 3984 |
| 10 chrD1.123728A | G | 0.3068 | 4002 |
| 10 chrD1.123694G | A | 0.3232 | 3880 |
| 10 chrD1.123655A | G | 0.174 | 3914 |
| 10 chrD1.123624A | G | 0.1228 | 4008 |
| 10 chrD1.123586A | G | 0.3382 | 3832 |
| 10 chrD1.123531G | A | 0.3293 | 3926 |
| 10 chrD1.123482G | A | 0.1818 | 4004 |
| 10 chrD1.123452A | C | 0.1723 | 4004 |
| 10 chrD4.418089G | A | 0.1801 | 4008 |
| 10 chrD1.123411C | A | 0.3955 | 4008 |
| 10 chrUn.804098G | A | 0.02974 | 3800 |
| 10 chrD1.123345G | A | 0.009072 | 3858 |
| 10 chrD1.123318A | C | 0.2448 | 3974 |
| 10 chrD1.123294A | G | 0.2075 | 3932 |
| 10 chrD1.123211G | A | 0.2395 | 4004 |
| 10 chrD1.123179A | G | 0.05629 | 3926 |
| 10 chrD1.123156G | A | 0.2207 | 3992 |
| 10 chrD1.123121A | G | 0.3372 | 4006 |
| 10 chrD1.123091G | A | 0.255 | 3812 |
| 10 chrD1.123026A | G | 0.2492 | 3964 |
| 10 chrD1.122964G | A | 0.0497 | 4004 |
| 10 chrD1.122921G | A | 0.08063 | 4006 |
| 10 chrD1.122896G | A | 0.4985 | 3998 |
| 10 chrD1.122868A | C | 0.3271 | 3822 |
| 10 chrD1.122819C | A | 0.2407 | 3996 |
| 10 chrD1.122781A | C | 0.06173 | 3710 |
| 10 chrUn1.19196G | A | 0.3462 | 3986 |
| 10 chrD1.122726A | G | 0.1099 | 3986 |
| 10 chrD1.122682G | A | 0.39 | 4008 |
| 10 chrD1.122631A | G | 0.288 | 3982 |
| 10 chrD1.122589G | A | 0.3293 | 3990 |
| 10 chrD1.122546G | A | 0.145 | 4006 |
| 10 chrD1.122506A | G | 0.03187 | 3954 |
| 10 chrD1.122438A | C | 0.4476 | 4004 |
| 10 chrD1.122431G | A | 0.487 | 4004 |
| 10 chrD1.122381A | G | 0.1065 | 3878 |
| 10 chrD1.122346A | G | 0.06893 | 4004 |
| 10 chrUn.559921A | C | 0.07358 | 3778 |

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| 10 chrD1.12224:A | G | 0.1504 | 3776 |
| 10 chrD1.12217:A | G | 0.111 | 4008 |
| 10 chrD1.12212:A | G | 0.06491 | 3990 |
| 10 chrD1.12209:C | A | 0.1414 | 3806 |
| 10 chrD1.12207:A | G | 0.04652 | 3998 |
| 10 chrD1.12200:A | C | 0.1127 | 4002 |
| 10 chrD1.12195:A | G | 0.233 | 3992 |
| 10 chrD1.12194:A | G | 0.01476 | 3930 |
| 10 chrD1.12187:A | G | 0.01842 | 3908 |
| 10 chrD1.12178:A | G | 0.001247 | 4010 |
| 10 chrD1.12174:A | G | 0.02307 | 3988 |
| 10 chrUn.62303:G | A | 0.1273 | 3974 |
| 10 chrD1.12168:C | A | 0.4297 | 3968 |
| 10 chrD1.12165:C | A | 0.1843 | 3998 |
| 10 chrD1.12160:G | A | 0.0237 | 4008 |
| 10 chrD1.12156:A | G | 0.04507 | 3972 |
| 10 chrD1.12147:A | G | 0.1244 | 3674 |
| 10 chrD1.12139:A | G | 0.3582 | 3964 |
| 10 chrD1.12133:A | G | 0.2321 | 3830 |
| 10 chrD1.12123:A | G | 0.3732 | 4006 |
| 10 chrD1.12120:G | A | 0.1855 | 4006 |
| 10 chrD1.12111:C | A | 0.1201 | 3972 |
| 10 chrD1.12111:G | A | 0.4925 | 4002 |
| 10 chrD1.12108:G | A | 0.3779 | 3990 |
| 10 chrD1.12105:A | G | 0.07107 | 4010 |
| 10 chrD1.12099:A | G | 0.1141 | 3690 |
| 10 chrD1.12093:G | A | 0.2811 | 3924 |
| 10 chrD1.12091:A | G | 0.3351 | 3942 |
| 10 chrD1.12084:A | G | 0.03375 | 4000 |
| 10 chrD1.12071:G | A | 0.02219 | 4010 |
| 10 chrD1.12067:A | G | 0.05776 | 3982 |
| 10 chrD1.12065:A | C | 0.2978 | 3872 |
| 10 chrD1.12060:A | G | 0.05634 | 3958 |
| 10 chrD1.12060:G | A | 0.41 | 3932 |
| 10 chrC1.51113:A | G | 0.4273 | 4002 |
| 10 chrD1.12055:A | G | 0.04384 | 3992 |
| 10 chrD1.12048:A | G | 0.07888 | 4006 |
| 10 chrD1.12045:A | G | 0.3238 | 3996 |
| 10 chrD1.12039:A | G | 0.2775 | 3986 |
| 10 chrD1.12025:A | G | 0.4883 | 4008 |
| 10 chrD1.12023:C | A | 0.08794 | 3980 |

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| 10 chrD1.120184G | A | 0.2807 | 3962 |
| 10 chrD1.120154A | G | 0.2009 | 3998 |
| 10 chrD1.120124A | C | 0.2981 | 3992 |
| 10 chrD1.119997C | A | 0.05085 | 3992 |
| 10 chrD1.119904A | G | 0.0222 | 3874 |
| 10 chrD1.119864G | A | 0.383 | 4008 |
| 10 chrD1.119834C | A | 0.3802 | 3972 |
| 10 chrD1.119784G | A | 0.2859 | 4002 |
| 10 chrD1.119774A | G | 0.03466 | 4010 |
| 10 chrD1.119764G | A | 0.3437 | 3980 |
| 10 chrD1.119654A | G | 0.1016 | 3986 |
| 10 chrD1.119624A | G | 0.04723 | 4002 |
| 10 chrD1.119594G | A | 0.05065 | 3830 |
| 10 chrD1.119564A | C | 0.01397 | 4010 |
| 10 chrD1.119554G | A | 0.3752 | 3998 |
| 10 chrD1.119507A | C | 0.2446 | 3982 |
| 10 chrD1.119484G | A | 0.04982 | 3874 |
| 10 chrD1.119437A | G | 0.02474 | 3840 |
| 10 chrD1.119364C | A | 0.1336 | 4004 |
| 10 chrD1.119277A | C | 0.4701 | 3986 |
| 10 chrD1.119224C | A | 0.3221 | 3992 |
| 10 chrD1.119177G | A | 0.2207 | 3706 |
| 10 chrD1.119144A | G | 0.01995 | 4010 |
| 10 chrD1.119064C | A | 0.1109 | 4004 |
| 10 chrD1.119034A | G | 0.2256 | 3990 |
| 10 chrD1.118997A | G | 0.3665 | 3984 |
| 10 chrD1.118947G | A | 0.1925 | 3838 |
| 10 chrD1.118874G | A | 0.2095 | 3794 |
| 10 chrD1.118777 | 0 G | 0 | 4008 |
| 10 chrD1.118774C | A | 0.4363 | 3986 |
| 10 chrD1.118744G | A | 0.02622 | 3890 |
| 10 chrD1.118687A | C | 0.2795 | 3796 |
| 10 chrD1.118617A | C | 0.1624 | 3836 |
| 10 chrD1.118577A | G | 0.1337 | 3964 |
| 10 chrD1.118524A | C | 0.09985 | 4006 |
| 10 chrD1.118504G | A | 0.3492 | 3998 |
| 10 chrD1.118464G | A | 0.1973 | 4004 |
| 10 chrD1.118427G | A | 0.3367 | 3742 |
| 10 chrD1.118394A | G | 0.1962 | 3976 |
| 10 chrD1.118384G | A | 0.06507 | 3934 |
| 10 chrD1.118354C | A | 0.05648 | 3948 |

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| 10 chrD1.11831(A | C | 0.08863 | 3994 |
| 10 chrD1.11826(A | G | 0.4909 | 3962 |
| 10 chrD1.11821(A | A | 0.07834 | 4008 |
| 10 chrD1.11818(A | G | 0.2814 | 4002 |
| 10 chrD1.11812(A | G | 0.06843 | 3858 |
| 10 chrD1.11808(A | A | 0.000499 | 4008 |
| 10 chrD1.11803(A | G | 0.004745 | 4004 |
| 10 chrD1.11800(A | A | 0.003009 | 3988 |
| 10 chrD1.11795(A | A | 0.1654 | 3990 |
| 10 chrD1.11788(A | C | 0.01203 | 3906 |
| 10 chrD1.11785(A | G | 0.03302 | 3876 |
| 10 chrD1.11781(A | A | 0.3021 | 3780 |
| 10 chrD1.11774(A | A | 0.1346 | 3930 |
| 10 chrD1.11766(A | A | 0.1242 | 3994 |
| 10 chrD1.11761(A | A | 0.1813 | 3976 |
| 10 chrD1.11752(A | A | 0.01047 | 4010 |
| 10 chrD1.11749(A | A | 0.1962 | 4002 |
| 10 chrD1.11745(A | A | 0.06965 | 4006 |
| 10 chrD1.11742(A | A | 0.4134 | 4006 |
| 10 chrD1.11741(A | G | 0.3976 | 4004 |
| 10 chrD1.11738(A | G | 0.2033 | 4004 |
| 10 chrD1.11730(A | A | 0.2466 | 3986 |
| 10 chrD1.11714(A | A | 0.1767 | 3996 |
| 10 chrD1.11704(A | G | 0.2409 | 3998 |
| 10 chrD1.11688(A | A | 0.3209 | 3964 |
| 10 chrD1.11680(A | G | 0.2557 | 3974 |
| 10 chrD1.11674(A | C | 0.2069 | 4002 |
| 10 chrD1.11669(A | A | 0.2623 | 3988 |
| 10 chrD1.11655(A | A | 0.3138 | 3996 |
| 10 chrD1.11650(A | A | 0.2941 | 3982 |
| 10 chrD1.11645(A | A | 0.4127 | 3986 |
| 10 chrD1.11624(A | A | 0.01049 | 4004 |
| 10 chrD1.11621(A | G | 0.3845 | 3800 |
| 10 chrD1.11608(A | G | 0.1815 | 3956 |
| 10 chrD1.11605(A | G | 0.256 | 3988 |
| 10 chrUn18.828(A | G | 0.001782 | 3928 |
| 10 chrUn18.825(A | G | 0.29 | 3996 |
| 10 chrUn18.821(A | A | 0.09459 | 3922 |
| 10 chrUn18.816(A | G | 0.4026 | 3870 |
| 10 chrUn18.814(A | A | 0.1682 | 4002 |
| 10 chrUn18.811(A | G | 0.4212 | 3922 |

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| 10 chrUn18.807:A | G | 0.005344 | 3930 |
| 10 chrUn18.803:A | G | 0.276 | 4004 |
| 10 chrUn18.799:A | G | 0.2052 | 3982 |
| 10 chrUn18.792:G | A | 0.3835 | 3862 |
| 10 chrUn18.787:A | C | 0.3897 | 3972 |
| 10 chrUn18.781:A | G | 0.1784 | 3862 |
| 10 chrUn18.779:A | G | 0.4116 | 3994 |
| 10 chrUn18.776:G | A | 0.2542 | 4004 |
| 10 chrUn18.773:G | A | 0.269 | 3978 |
| 10 chrUn18.765:A | C | 0.07036 | 4008 |
| 10 chrUn18.761:G | A | 0.2876 | 4002 |
| 10 chrUn18.756:C | A | 0.01047 | 4010 |
| 10 chrUn18.752:G | A | 0.3618 | 3988 |
| 10 chrUn18.749:C | A | 0.001528 | 3926 |
| 10 chrUn18.745:A | G | 0.4893 | 4002 |
| 10 chrUn18.742:G | A | 0.04915 | 4008 |
| 10 chrUn18.735:A | G | 0.3912 | 3988 |
| 10 chrUn18.730:A | G | 0.3864 | 3986 |
| 10 chrUn18.725:A | G | 0.4166 | 4004 |
| 10 chrUn18.721:A | G | 0.2289 | 3910 |
| 10 chrUn18.719:A | C | 0.3852 | 3938 |
| 10 chrUn18.716:A | C | 0.2158 | 3990 |
| 10 chrUn18.710:A | G | 0.1628 | 4000 |
| 10 chrUn18.707:A | G | 0.4009 | 3916 |
| 10 chrUn18.702:G | A | 0.4441 | 3920 |
| 10 chrUn18.690:A | G | 0.07959 | 4008 |
| 10 chrUn18.685:A | G | 0.0527 | 4004 |
| 10 chrUn18.682:A | G | 0.3784 | 3998 |
| 10 chrUn18.679:G | A | 0.04373 | 4002 |
| 10 chrUn18.674:A | G | 0.09352 | 4010 |
| 10 chrUn18.666:G | A | 0.09575 | 4000 |
| 10 chrUn18.663:A | G | 0.1522 | 4000 |
| 10 chrUn18.653:G | A | 0.09052 | 3966 |
| 10 chrUn18.650:A | G | 0.2598 | 3976 |
| 10 chrUn18.647:A | G | 0.3035 | 3994 |
| 10 chrUn18.641:A | C | 0.401 | 4002 |
| 10 chrUn18.640:A | G | 0.05984 | 3994 |
| 10 chrUn18.636:G | A | 0.2744 | 3998 |
| 10 chrUn18.634:A | G | 0.07087 | 3866 |
| 10 chrUn18.630:A | G | 0.2726 | 3980 |
| 10 chrUn18.624:A | G | 0.3436 | 4008 |

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| 10 chrUn18.620!G | A | 0.06465 | 4006 |
| 10 chrUn18.614!G | A | 0.05539 | 4008 |
| 10 chrUn18.611!G | A | 0.3415 | 3976 |
| 10 chrB2.13519!A | G | 0.05421 | 3966 |
| 10 chrUn18.607!G | A | 0.4338 | 3854 |
| 10 chrUn18.603!C | A | 0.4926 | 3766 |
| 10 chrUn18.596!G | A | 0.2388 | 3990 |
| 10 chrUn18.593!A | G | 0.2044 | 3924 |
| 10 chrD1.12508!G | A | 0.01841 | 3910 |
| 10 chrD1.12516!G | A | 0.2437 | 3996 |
| 10 chrD1.12521!G | 0 G | 0 | 4008 |
| 10 chrD1.12523!G | A | 0.3543 | 3988 |
| 10 chrD1.12526!G | A | 0.2552 | 4004 |
| 10 chrD1.12531!A | G | 0.4244 | 4006 |
| 10 chrD1.12534!G | A | 0.01845 | 4010 |
| 10 chrD1.12536!G | A | 0.2314 | 3812 |
| 10 chrD1.12545!C | A | 0.2606 | 4006 |
| 10 chrD1.12549!G | A | 0.1842 | 3952 |
| 10 chrD1.12552!A | C | 0.4346 | 3988 |
| 10 chrD1.12555!A | G | 0.3473 | 4002 |
| 10 chrD1.12557!G | A | 0.4462 | 3996 |
| 10 chrD1.12561!A | G | 0.1348 | 3998 |
| 10 chrD1.12566!A | G | 0.1714 | 3990 |
| 10 chrD1.12571!G | A | 0.01537 | 3970 |
| 10 chrD1.12574!A | G | 0.2225 | 4004 |
| 10 chrD1.12577!A | G | 0.236 | 3996 |
| 10 chrD1.12577!A | G | 0.001247 | 4010 |
| 10 chrD1.12581!C | A | 0.1949 | 3976 |
| 10 chrD1.12584!A | G | 0.3902 | 4000 |
| 10 chrD1.12587!G | A | 0.3786 | 3988 |
| 10 chrD1.12600!A | G | 0.4622 | 3992 |
| 10 chrD1.12604!G | A | 0.1385 | 3992 |
| 10 chrD1.12610!C | A | 0.2761 | 4010 |
| 10 chrD1.12613!A | G | 0.1413 | 4006 |
| 10 chrD1.12615!G | A | 0.34 | 4006 |
| 10 chrD1.12625!G | A | 0.2782 | 3958 |
| 10 chrD1.12631!A | G | 0.1282 | 4002 |
| 10 chrD1.12634!G | A | 0.1744 | 3996 |
| 10 chrD1.12638!A | G | 0.3855 | 4000 |
| 10 chrD1.12642!A | G | 0.4031 | 4006 |
| 10 chrD1.12649!C | A | 0.3312 | 3988 |

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|----------------|---|---|----------|------|
| 10 chrD1.12650 | G | A | 0.3538 | 3886 |
| 10 chrD1.12656 | A | G | 0.07829 | 3998 |
| 10 chrD1.12661 | A | G | 0.02464 | 3734 |
| 10 chrD1.12664 | A | G | 0.3693 | 4002 |
| 10 chrD1.12666 | G | A | 0.4537 | 3994 |
| 10 Spec_CAT_FC | G | A | 0.4706 | 3984 |
| 10 chrD1.12672 | A | G | 0.2498 | 4004 |
| 10 chrD1.12676 | A | G | 0.04918 | 4006 |
| 10 chrD1.12680 | A | G | 0.3467 | 4004 |
| 10 chrD1.12686 | A | G | 0.3979 | 3998 |
| 10 chrD1.12690 | A | G | 0.3955 | 3992 |
| 10 chrD1.12700 | G | A | 0.1089 | 3996 |
| 10 chrD1.12703 | A | G | 0.06665 | 4006 |
| 10 chrD1.12707 | A | G | 0.1878 | 3994 |
| 10 chrD1.12715 | C | A | 0.008492 | 4004 |
| 10 chrD1.12720 | G | A | 0.1309 | 3996 |
| 10 chrD1.12723 | A | G | 0.3754 | 3988 |
| 10 chrD1.12727 | A | G | 0.4333 | 4006 |
| 10 chrD1.12734 | G | A | 0.2649 | 3964 |
| 10 chrD1.12737 | A | G | 0.072 | 3972 |
| 10 chrD1.12742 | A | G | 0.3774 | 3996 |
| 10 chrD1.12746 | A | G | 0.3078 | 3986 |
| 10 chrD1.12747 | A | G | 0.004276 | 3976 |
| 10 chrD1.12749 | G | A | 0.3925 | 3980 |
| 10 chrD1.12754 | A | G | 0.01203 | 3742 |
| 10 chrD1.12755 | A | G | 0.2231 | 4008 |
| 10 chrD1.12757 | G | A | 0.477 | 3962 |
| 10 chrD1.12762 | G | A | 0.1543 | 3998 |
| 10 chrD1.12767 | A | G | 0.3082 | 3994 |
| 10 chrD1.12772 | A | G | 0.4676 | 3978 |
| 10 chrD1.12784 | A | G | 0.2854 | 3984 |
| 10 chrD1.12792 | G | A | 0.1245 | 4000 |
| 10 chrD1.12795 | G | A | 0.1963 | 4004 |
| 10 chrD1.12795 | C | A | 0.1008 | 3938 |
| 10 chrD1.12798 | A | G | 0.0844 | 3898 |
| 10 chrD1.12804 | A | G | 0.2856 | 3950 |
| 10 chrD1.12808 | G | A | 0.1998 | 3998 |
| 10 chrD1.12813 | C | A | 0.4945 | 3996 |
| 10 chrD1.12817 | A | G | 0.1678 | 3982 |
| 10 chrD1.12823 | G | A | 0.2412 | 3996 |
| 10 chrD1.12828 | A | G | 0.2725 | 4000 |

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| 10 chrD1.12832:C | A | 0.1446 | 4004 |
| 10 chrD1.12835:G | A | 0.3406 | 3964 |
| 10 chrD1.12838:A | G | 0.346 | 3934 |
| 10 chrD1.12842:A | G | 0.05797 | 4002 |
| 10 chrD1.12848:A | G | 0.2861 | 4006 |
| 10 chrD1.12852:A | G | 0.001248 | 4006 |
| 10 chrD1.12859:C | A | 0.285 | 3996 |
| 10 chrD1.12865:A | G | 0.2685 | 4008 |
| 10 chrD1.12869:A | G | 0.03222 | 4004 |
| 10 chrD1.12869: | 0 G | 0 | 4008 |
| 10 chrD1.12873:A | G | 0.02682 | 3878 |
| 10 chrD1.12878:G | A | 0.4547 | 3996 |
| 10 chrD1.12883:G | A | 0.2015 | 3986 |
| 10 chrD1.12886:G | A | 0.01149 | 4004 |
| 10 chrA3.17286:A | G | 0.001497 | 4008 |
| 10 chrA3.17286:G | A | 0.3112 | 3994 |
| 10 RAG2.319 | 0 A | 0 | 4010 |
| 10 RAG2.192 | 0 C | 0 | 4002 |
| 10 chrD1.12901:G | A | 0.1707 | 4002 |
| 10 chrD1.12903:C | A | 0.2702 | 3982 |
| 10 chrD1.12916:C | A | 0.43 | 3984 |
| 10 chrD1.12916:A | G | 0.1736 | 3998 |
| 10 chrD1.12920:G | A | 0.3557 | 3964 |
| 10 chrD1.12926:A | G | 0.1978 | 3978 |
| 10 chrD1.12929:A | G | 0.149 | 4006 |
| 10 chrD1.12933:A | G | 0.05078 | 3998 |
| 10 chrD1.12937:G | A | 0.08404 | 3998 |
| 10 chrD1.12940:A | G | 0.134 | 3994 |
| 10 chrD1.12950:A | G | 0.3153 | 3964 |
| 10 chrD1.12954:G | A | 0.4602 | 3998 |
| 10 chrD1.12957:G | A | 0.3741 | 3972 |
| 10 chrUn.59304:C | A | 0.3903 | 4002 |
| 10 chrD1.12960:A | C | 0.3922 | 3998 |
| 10 chrD1.12967:A | G | 0.2898 | 3958 |
| 10 chrD1.12972:G | A | 0.3789 | 4006 |
| 10 chrD1.12974:G | A | 0.09635 | 3996 |
| 10 chrD1.12978:G | A | 0.21 | 3990 |
| 10 chrC1.84001:G | G | 0.09535 | 3996 |
| 10 chrD1.12987:A | G | 0.1944 | 3966 |
| 10 chrD1.12996:G | A | 0.1435 | 3994 |
| 10 chrD1.12998:G | A | 0.2083 | 3908 |

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| 10 chrD1.13004{G | A | 0.1309 | 4002 |
| 10 chrD1.13008{A | C | 0.003743 | 4008 |
| 10 chrD1.13014(C | A | 0.2107 | 3930 |
| 10 chrD1.13018{A | C | 0.3372 | 3968 |
| 10 chrD1.13025}C | A | 0.4672 | 3998 |
| 10 chrD1.13028}A | G | 0.02647 | 4004 |
| 10 chrD1.13037}G | A | 0.4898 | 4006 |
| 10 chrD1.13041{G | A | 0.1838 | 3934 |
| 10 chrD1.13046}G | A | 0.2712 | 4000 |
| 10 chrUn.11553(G | A | 0.3798 | 3960 |
| 10 chrD1.13055}A | G | 0.07211 | 4008 |
| 10 chrD1.13061{A | C | 0.2208 | 3954 |
| 10 chrD1.13066}G | A | 0.46 | 4000 |
| 10 chrD1.13069}C | A | 0.4062 | 3998 |
| 10 chrD1.13071{C | A | 0.4712 | 3998 |
| 10 chrD1.13080(A | G | 0.01656 | 3926 |
| 10 chrD1.13083(A | G | 0.01923 | 4004 |
| 10 chrD1.13090}A | G | 0.07264 | 4006 |
| 10 chrD1.13095{G | A | 0.2967 | 4008 |
| 10 chrD1.13109(G | A | 0.08035 | 3858 |
| 10 chrD1.13113}C | A | 0.481 | 4002 |
| 10 chrD1.13117{G | A | 0.1833 | 4000 |
| 10 chrD1.13120}G | A | 0.3346 | 4002 |
| 10 chrD1.13125{G | A | 0.06225 | 3968 |
| 10 chrD1.13128(A | G | 0.3764 | 3974 |
| 10 chrD1.13130}G | A | 0.368 | 4000 |
| 10 chrD1.13135(A | G | 0.3677 | 3998 |
| 10 chrD1.13140}A | G | 0.476 | 3992 |
| 10 chrD1.13144{G | A | 0.3806 | 4002 |
| 10 chrD1.13145}C | 0 A | 0 | 4010 |
| 10 chrD1.13148}A | C | 0.4163 | 4002 |
| 10 chrD1.13165}A | G | 0.1994 | 3992 |
| 10 chrD1.13167}C | A | 0.4017 | 3864 |
| 10 chrD1.13171}G | A | 0.265 | 4004 |
| 10 chrD1.13174{A | G | 0.3614 | 4004 |
| 10 chrD1.13178}G | A | 0.3402 | 4000 |
| 10 chrD1.13182}A | G | 0.135 | 3986 |
| 10 chrD1.13186}A | G | 0.4611 | 3854 |
| 10 chrD1.13189{C | A | 0.005607 | 3924 |
| 10 chrD1.13196{A | G | 0.4655 | 4004 |
| 10 chrD1.13200{G | A | 0.1042 | 3638 |

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| 10 chrD1.132026 | 0 A | 0 | 4008 |
| 10 chrD1.132037 | A | 0.2352 | 3962 |
| 10 chrD1.132087 | A | 0.2163 | 4004 |
| 10 chrD1.132105 | A | 0.3936 | 3986 |
| 10 chrD1.132177 | A | 0.02322 | 4006 |
| 10 chrD1.132227 | G | 0.1525 | 3988 |
| 10 chrB3.741215 | A | 0.2306 | 3898 |
| 10 chrD1.132270 | G | 0.4875 | 3990 |
| 10 chrD1.132306 | A | 0.06027 | 3982 |
| 10 chrD1.132407 | G | 0.06758 | 4010 |
| 10 chrD1.132438 | A | 0.408 | 3998 |
| 10 chrD1.132477 | A | 0.06412 | 4008 |
| 10 chrD1.132630 | A | 0.41 | 4002 |
| 10 chrD1.132687 | A | 0.4347 | 3938 |
| 10 chrD1.132756 | A | 0.0517 | 4004 |
| 10 chrD1.132807 | C | 0.0659 | 4006 |
| 10 chrD1.132887 | G | 0.2978 | 3992 |
| 10 chrD1.132917 | C | 0.01623 | 4006 |
| 10 chrD1.132957 | A | 0.2622 | 4008 |
| 10 chrD1.132985 | A | 0.03694 | 4006 |
| 10 chrD1.133017 | G | 0.1433 | 4006 |
| 10 chrUn.412060 | A | 0.4356 | 3992 |
| 10 chrD1.133096 | A | 0.1409 | 3988 |
| 10 chrD1.133127 | C | 0.1942 | 4006 |
| 10 chrD1.133198 | G | 0.4867 | 3996 |
| 10 chrD1.133235 | A | 0.04296 | 4004 |
| 10 chrD1.133315 | C | 0.4397 | 3998 |
| 10 chrD1.133356 | G | 0.1983 | 3994 |
| 10 chrD1.133397 | G | 0.195 | 4000 |
| 10 chrD1.133427 | G | 0.05606 | 3996 |
| 10 chrD1.133455 | G | 0.05422 | 4002 |
| 10 chrD1.133518 | A | 0.001247 | 4010 |
| 10 chrD1.133587 | C | 0.1649 | 3882 |
| 10 chrD1.133617 | G | 0.1548 | 4004 |
| 10 chrD1.133658 | G | 0.0009975 | 4010 |
| 10 chrD1.133697 | A | 0.2079 | 3998 |
| 10 chrD1.133718 | G | 0.4153 | 3990 |
| 10 chrD1.133767 | G | 0.3192 | 4004 |
| 10 chrD1.133785 | G | 0.3536 | 3976 |
| 10 chrD1.133825 | G | 0.03361 | 3808 |
| 10 chrD1.133887 | C | 0.3969 | 3996 |

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| 10 chrD1.13388(A | C | 0.448 | 3924 |
| 10 chrUn18.590(A | G | 0.3173 | 3908 |
| 10 chrUn18.585(A | G | 0.0978 | 3998 |
| 10 chrUn18.582(C | A | 0.4648 | 3808 |
| 10 chrUn18.576(A | G | 0.169 | 4000 |
| 10 chrUn18.571(G | A | 0.1891 | 3998 |
| 10 chrUn18.567(G | A | 0.3901 | 3930 |
| 10 chrUn18.564(A | G | 0.3746 | 3986 |
| 10 chrUn18.558(G | A | 0.1106 | 4004 |
| 10 chrUn18.554(A | C | 0.1466 | 3998 |
| 10 chrUn18.549(A | G | 0.288 | 3996 |
| 10 chrUn18.540(A | G | 0.1531 | 3972 |
| 10 chrUn18.534(A | G | 0.4723 | 4008 |
| 10 chrUn18.528(A | G | 0.3048 | 3976 |
| 10 chrUn18.522(G | A | 0.4763 | 4006 |
| 10 chrUn18.519(A | G | 0.2926 | 4002 |
| 10 chrUn18.512(A | G | 0.3691 | 4002 |
| 10 chrUn18.507(G | A | 0.479 | 4000 |
| 10 chrUn18.500(A | C | 0.4221 | 4004 |
| 10 chrUn18.497(G | A | 0.0555 | 3676 |
| 10 chrUn18.484(A | G | 0.3923 | 3984 |
| 10 chrUn18.478(A | G | 0.4927 | 3992 |
| 10 chrUn18.474(A | G | 0.004509 | 3992 |
| 10 chrUn18.470(A | C | 0.03472 | 4004 |
| 10 chrUn18.463(A | C | 0.4765 | 4000 |
| 10 chrUn18.459(G | A | 0.4395 | 4000 |
| 10 chrUn18.456(A | G | 0.3754 | 3990 |
| 10 chrUn18.452(A | G | 0.08004 | 3998 |
| 10 chrUn18.448(A | G | 0.1278 | 4000 |
| 10 chrUn18.444(A | G | 0.08797 | 3990 |
| 10 chrUn18.438(G | A | 0.1826 | 3964 |
| 10 chrUn18.435(A | G | 0.3165 | 3994 |
| 10 chrD1.13405(G | A | 0.3188 | 4002 |
| 10 chrD1.13415(C | A | 0.4407 | 3996 |
| 10 chrD1.13418(A | C | 0.2339 | 4002 |
| 10 chrD1.13435(A | G | 0.005003 | 3998 |
| 10 chrD1.13452(C | A | 0.3197 | 4000 |
| 10 chrD1.13457(A | G | 0.4918 | 3920 |
| 10 chrD1.13460(| 0 G | 0 | 4010 |
| 10 chrD1.13460(A | G | 0.4509 | 3990 |
| 10 chrD1.13462(A | G | 0.004496 | 4004 |

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| 10 chrD1.13464 | A | G | 0.4851 | 3820 |
| 10 chrD1.13469 | C | 0 A | 0 | 4010 |
| 10 chrUn18.431 | A | A | 0.3991 | 3976 |
| 10 chrD1.13480 | C | A | 0.3712 | 4006 |
| 10 chrD1.13483 | G | A | 0.1126 | 3998 |
| 10 chrD1.13486 | G | A | 0.1834 | 4002 |
| 10 chrD1.13493 | C | A | 0.1424 | 4004 |
| 10 chrD1.13496 | A | G | 0.1775 | 3820 |
| 10 chrD1.13511 | A | G | 0.171 | 4000 |
| 10 chrD1.13515 | A | G | 0.4368 | 3988 |
| 10 chrD1.13522 | C | A | 0.08084 | 4008 |
| 10 chrD1.13527 | G | A | 0.2995 | 3996 |
| 10 chrD1.13534 | A | G | 0.4535 | 3890 |
| 10 chrD1.13539 | G | A | 0.3692 | 3998 |
| 10 chrD1.13553 | A | G | 0.05903 | 3998 |
| 10 chrD1.13558 | C | A | 0.3058 | 3996 |
| 10 chrD1.13576 | A | G | 0.08663 | 3994 |
| 10 chrD1.13583 | A | C | 0.3094 | 3992 |
| 10 chrD1.13597 | A | G | 0.4767 | 3998 |
| 10 chrD1.13606 | G | A | 0.2906 | 3954 |
| 10 chrD1.13615 | A | G | 0.26 | 3962 |
| 10 chrD1.13626 | A | G | 0.0952 | 3960 |
| 10 chrD1.13630 | A | G | 0.385 | 3940 |
| 10 chrD1.13633 | C | A | 0.2282 | 3996 |
| 10 chrD1.13637 | G | A | 0.1214 | 3938 |
| 10 chrD1.13651 | A | G | 0.1506 | 4004 |
| 10 chrD1.13657 | G | A | 0.1326 | 3990 |
| 10 chrD1.13660 | G | A | 0.06522 | 4002 |
| 10 chrD1.13664 | C | A | 0.1606 | 3980 |
| 10 chrD1.13668 | A | G | 0.4334 | 3992 |
| 10 chrD1.13673 | A | G | 0.1763 | 3998 |
| 10 chrD1.13675 | A | C | 0.2142 | 3884 |
| 10 chrD1.13684 | C | A | 0.2833 | 3978 |
| 10 chrD1.13686 | A | G | 0.1997 | 3980 |
| 10 chrD1.13696 | A | G | 0.268 | 4000 |
| 10 chrD1.13696 | A | G | 0.3584 | 3984 |
| 10 chrD1.13706 | A | C | 0.03743 | 4008 |
| 10 chrD1.13711 | A | G | 0.2676 | 3980 |
| 10 chrD1.13714 | A | G | 0.03927 | 3998 |
| 10 chrD1.13718 | A | G | 0.353 | 3980 |
| 10 chrD1.13722 | C | A | 0.4902 | 3994 |

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| 10 chrD1.13727(A | G | 0.416 | 3990 |
| 10 chrD1.13729(A | G | 0.3596 | 3996 |
| 10 chrD1.13731(A | G | 0.005486 | 4010 |
| 10 chrD1.13738(A | C | 0.4421 | 3990 |
| 10 chrD1.13741(A | G | 0.03195 | 4006 |
| 10 chrD1.13744(A | A | 0.3525 | 4006 |
| 10 chrD1.13748(A | G | 0.1078 | 3998 |
| 10 chrD1.13753(A | G | 0.1871 | 4004 |
| 10 chrD1.13755(A | G | 0.04424 | 3752 |
| 10 chrD1.13759(A | C | 0.03169 | 4008 |
| 10 chrD1.13766(A | A | 0.4473 | 4002 |
| 10 chrD1.13776(A | G | 0.1337 | 4002 |
| 10 chrD1.13785(A | A | 0.02072 | 4006 |
| 10 chrD1.13790(A | G | 0.06713 | 3992 |
| 10 chrD1.13794(A | A | 0.3446 | 4002 |
| 10 chrD1.13799(A | A | 0.02977 | 3830 |
| 10 chrD1.13805(A | A | 0.1316 | 4004 |
| 10 chrD1.13808(A | G | 0.1613 | 4006 |
| 10 chrD1.13811(A | A | 0.05524 | 3856 |
| 10 chrD1.13815(A | G | 0.1764 | 4008 |
| 10 chrD1.13816(A | C | 0.000499 | 4008 |
| 10 chrD1.13819(A | A | 0.2019 | 4006 |
| 10 chrD1.13822(A | G | 0.04541 | 4008 |
| 10 chrD1.13830(A | G | 0.0601 | 4010 |
| 10 chrD1.13836(A | G | 0.3127 | 3998 |
| 10 chrD1.13837(A | A | 0.01647 | 4008 |
| 10 chrD1.13841(A | G | 0.1686 | 3998 |
| 10 chrD1.13848(A | A | 0.351 | 4000 |
| 10 chrD1.13852(A | A | 0.4108 | 4002 |
| 10 chrD1.13855(A | G | 0.09089 | 3818 |
| 10 chrD1.13861(A | C | 0.3628 | 4002 |
| 10 chrD1.13863(A | C | 0.1575 | 3968 |
| 10 chrD1.13867(A | G | 0.07429 | 3998 |
| 10 chrD1.13870(A | G | 0.2948 | 3938 |
| 10 chrD1.13875(A | G | 0.4308 | 3788 |
| 10 chrD1.13878(A | G | 0.04411 | 3990 |
| 10 chrD1.13880(A | G | 0.3053 | 3914 |
| 10 chrD1.13886(A | G | 0.3363 | 4000 |
| 10 chrD1.13891(A | A | 0.09605 | 3998 |
| 10 chrD1.13897(A | A | 0.3348 | 4008 |
| 10 chrD1.13902(A | A | 0.264 | 3974 |

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| 10 chrD1.139097G | A | 0.1164 | 3996 |
| 10 chrD1.139127G | A | 0.4677 | 4000 |
| 10 chrD1.139156A | G | 0.04977 | 3998 |
| 10 chrD1.139197G | A | 0.2639 | 3982 |
| 10 chrD1.139248A | G | 0.3102 | 3972 |
| 10 chrD1.139286G | A | 0.1723 | 3970 |
| 10 chrD1.139307A | C | 0.2465 | 4004 |
| 10 Phen_Ragd_1A | G | 0.002003 | 3994 |
| 10 chrD1.139357A | G | 0.2321 | 3998 |
| 10 chrD1.139389A | G | 0.02707 | 3990 |
| 10 chrD1.139469A | G | 0.08742 | 3958 |
| 10 chrD1.139518G | A | 0.4546 | 3986 |
| 10 chrD1.139567G | A | 0.195 | 4000 |
| 10 chrD1.139604A | G | 0.4161 | 3968 |
| 10 chrD1.139656G | A | 0.05925 | 4000 |
| 10 chrD1.139707G | A | 0.0601 | 4010 |
| 10 chrD1.139747G | A | 0.06582 | 3996 |
| 10 chrD1.139776G | A | 0.2991 | 3998 |
| 10 chrD1.139838C | A | 0.01899 | 4002 |
| 10 chrD1.139877C | A | 0.3066 | 4002 |
| 10 chrD1.139957G | A | 0.3575 | 4008 |
| 10 chrD1.139999A | G | 0.3391 | 3978 |
| 10 chrD1.140019A | G | 0.08921 | 4002 |
| 10 chrD1.140029G | A | 0.448 | 4000 |
| 10 chrD1.140059A | G | 0.4394 | 3996 |
| 10 chrD1.140087A | G | 0.02269 | 4010 |
| 10 chrD1.140134A | G | 0.04677 | 3998 |
| 10 chrD1.140175A | G | 0.2029 | 3992 |
| 10 chrD1.140259A | G | 0.241 | 4004 |
| 10 chrD1.140309C | A | 0.1425 | 4000 |
| 10 chrD1.140567G | C | 0.3478 | 3996 |
| 10 chrD1.140406A | G | 0.4353 | 4006 |
| 10 chrD1.140356G | A | 0.3103 | 4006 |
| 10 chrD1.140597G | A | 0.3074 | 4004 |
| 10 chrD1.140638A | G | 0.1489 | 3970 |
| 10 chrUn.596077G | A | 0.476 | 4002 |
| 10 chrD1.140477A | G | 0.4754 | 3910 |
| 10 chrD1.140664A | G | 0.3267 | 4000 |
| 10 chrD1.140989C | A | 0.1941 | 4004 |
| 10 chrD1.140999A | G | 0.4501 | 3988 |
| 10 chrD1.140729C | A | 0.457 | 3928 |

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| 10 chrD1.14072:A | G | 0.09002 | 3966 |
| 10 chrD1.14104:A | G | 0.1012 | 3922 |
| 10 chrD1.14116:A | A | 0.08787 | 4006 |
| 10 chrD1.14123:A | A | 0.1132 | 3992 |
| 10 chrD1.14125:A | A | 0.4396 | 3990 |
| 10 chrD1.14166:A | G | 0.1748 | 3994 |
| 10 chrD1.14132:C | A | 0.2442 | 4000 |
| 10 chrD1.14138:A | A | 0.06999 | 3986 |
| 10 chrD1.14176:C | A | 0.2787 | 3994 |
| 10 chrD1.14176: | 0 G | 0 | 4010 |
| 10 chrD1.14141:A | G | 0.08679 | 3998 |
| 10 chrD1.14182:A | G | 0.4967 | 3594 |
| 10 chrD1.14190:A | G | 0.2375 | 4004 |
| 10 chrD1.14194:A | A | 0.3133 | 4002 |
| 10 chrD1.14202:A | G | 0.1766 | 4008 |
| 10 chrD1.14214:C | A | 0.1668 | 3986 |
| 10 chrD1.14217:A | A | 0.3967 | 4006 |
| 10 chrD1.14220:C | A | 0.2439 | 4006 |
| 10 chrD1.14224:A | C | 0.229 | 3812 |
| 10 chrD1.14228:A | A | 0.3499 | 3990 |
| 10 chrD1.14231:A | A | 0.2811 | 3998 |
| 10 chrD1.14235:A | A | 0.3582 | 3998 |
| 10 chrD1.14239:A | A | 0.07667 | 4004 |
| 10 chrD1.14246:A | C | 0.01184 | 3970 |
| 10 chrD1.14250:A | G | 0.3328 | 4006 |
| 10 chrD1.14257:A | G | 0.3527 | 3998 |
| 10 chrD1.14260:A | G | 0.2548 | 3996 |
| 10 chrUn.44303:C | A | 0.4856 | 3958 |
| 10 chrD1.14276:A | A | 0.3637 | 3992 |
| 10 chrD1.14278:A | C | 0.458 | 3998 |
| 10 chrUn.60758:A | A | 0.2755 | 4004 |
| 10 chrD1.14281:A | A | 0.1604 | 4002 |
| 10 chrD1.14293:A | G | 0.2646 | 3704 |
| 10 chrD1.14287:C | A | 0.1656 | 3992 |
| 10 chrD1.14310:A | G | 0.2255 | 3952 |
| 10 chrD1.14310:C | A | 0.1875 | 3978 |
| 10 chrD1.14313:A | G | 0.379 | 3876 |
| 10 chrD1.14326:A | G | 0.2518 | 3980 |
| 10 chrD1.14316:A | G | 0.3288 | 3884 |
| 10 chrD1.14330:A | G | 0.2976 | 3998 |
| 10 chrD1.14335:C | A | 0.1859 | 4002 |

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| 10 chrD1.143437G | A | 0.2295 | 3974 |
| 10 chrD1.143476A | G | 0.4293 | 4004 |
| 10 chrD1.143576A | G | 0.3063 | 3996 |
| 10 chrD1.143604A | G | 0.08775 | 4000 |
| 10 chrD1.143677A | G | 0.03645 | 4006 |
| 10 chrD1.143710C | A | 0.1504 | 3976 |
| 10 chrD1.143728G | G | 0 | 4008 |
| 10 chrD1.143760A | G | 0.2481 | 4002 |
| 10 chrD1.143799A | G | 0.1242 | 4000 |
| 10 chrC2.866847G | A | 0.07344 | 3976 |
| 10 chrD1.143826A | C | 0.2854 | 3924 |
| 10 chrD1.143888C | A | 0.3444 | 4010 |
| 10 chrD1.143950A | G | 0.02994 | 4008 |
| 10 chrD1.144042G | A | 0.04382 | 3994 |
| 10 chrD1.144079G | A | 0.03693 | 4008 |
| 10 chrD1.144119G | A | 0.02769 | 4008 |
| 10 chrD1.144171C | A | 0.086 | 4000 |
| 10 chrD1.144197C | A | 0.224 | 3996 |
| 10 chrD1.144224G | A | 0.4702 | 3990 |
| 10 chrD1.144264G | A | 0.06825 | 4000 |
| 10 chrD1.144297A | G | 0.201 | 4004 |
| 10 chrD1.144336A | G | 0.0992 | 4002 |
| 10 chrD1.144354A | G | 0.00706 | 3966 |
| 10 chrB3.252339A | C | 0.1692 | 4006 |
| 10 chrD1.144397A | G | 0.3474 | 3880 |
| 10 chrD1.144440A | G | 0.2973 | 3844 |
| 10 chrD1.144489A | G | 0.4832 | 4000 |
| 10 chrD1.144528G | A | 0.1319 | 4010 |
| 10 chrD1.144569G | A | 0.169 | 3728 |
| 10 chrUn18.8659G | A | 0.2259 | 3860 |
| 10 chrUn.312327A | G | 0.4352 | 3980 |
| 10 chrUn18.8629A | C | 0.3815 | 3984 |
| 10 chrUn18.8589A | C | 0.3288 | 3920 |
| 10 chrUn18.8569A | G | 0.1181 | 4004 |
| 10 chrUn18.8527A | G | 0.3344 | 4004 |
| 10 chrUn18.8479A | G | 0.3021 | 3956 |
| 10 chrD1.117284G | A | 0.02591 | 3898 |
| 10 chrD1.117237A | G | 0.01462 | 3968 |
| 10 chrUn.724318A | G | 0.008252 | 3878 |
| 10 chrD1.117206A | G | 0.3631 | 3996 |
| 10 chrUn.718069G | A | 0.2664 | 3990 |

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| 10 chrD1.11711{A | G | 0.2868 | 3968 |
| 10 chrD1.11696(G | A | 0.443 | 4002 |
| 10 chrD1.11671!G | A | 0.3901 | 3868 |
| 10 chrD1.11677!A | C | 0.4173 | 3940 |
| 10 chrD1.11660!A | G | 0.09107 | 4008 |
| 10 chrD1.11652!G | A | 0.1565 | 3790 |
| 10 chrD1.11635(A | G | 0.1765 | 4006 |
| 10 chrD1.11630!A | G | 0.1006 | 4006 |
| 10 chrD1.11626!A | G | 0.1667 | 4002 |
| 10 chrUn.71656!G | A | 0.102 | 4000 |
| 10 chrD1.11615!A | G | 0.4389 | 3944 |
| 10 chrD1.11607!G | A | 0.1553 | 4004 |
| 10 chrD1.11597!A | G | 0.1702 | 4008 |
| 10 chrD1.11592!G | A | 0.1751 | 3998 |
| 10 chrD1.11587!G | A | 0.1767 | 3996 |
| 10 chrD1.11583(G | A | 0.238 | 3958 |
| 10 chrD1.11580!G | A | 0.3275 | 3994 |
| 10 chrD1.11577(A | G | 0.3305 | 4000 |
| 10 chrD1.11575!A | C | 0.3928 | 4002 |
| 10 chrD1.11566!G | A | 0.07934 | 4008 |
| 10 chrD1.11563!A | G | 0.3165 | 3990 |
| 10 chrD1.11560(A | G | 0.1408 | 3928 |
| 10 chrD1.11555(A | G | 0.1698 | 3992 |
| 10 chrD1.11553!A | G | 0.2193 | 4004 |
| 10 chrD1.11548!C | A | 0.2915 | 4010 |
| 10 chrD1.11542!G | A | 0.08583 | 4008 |
| 10 chrD1.11537(A | G | 0.4588 | 4002 |
| 10 chrD1.11533(A | G | 0.2665 | 3992 |
| 10 chrD1.11529!A | G | 0.413 | 3978 |
| 10 chrUn18.911(G | A | 0.2505 | 3960 |
| 10 chrUn18.909!A | G | 0.002012 | 3976 |
| 10 chrUn18.908(A | G | 0.1135 | 3992 |
| 10 chrUn18.905!G | A | 0.3066 | 3992 |
| 10 chrUn18.901!A | G | 0.2528 | 3956 |
| 10 chrUn18.888!G | A | 0.06947 | 4002 |
| 10 chrUn18.881!A | C | 0.03328 | 3996 |
| 10 chrUn18.879!G | A | 0.0007481 | 4010 |
| 10 chrUn18.879!G | A | 0.000499 | 4008 |
| 10 chrUn18.873!A | G | 0.4692 | 3894 |
| 10 chrUn18.871(G | A | 0.05414 | 3934 |
| 10 chrUn18.868!A | C | 0.4785 | 3996 |

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| 10 chrD1.14464G | A | 0.2749 | 4002 |
| 10 chrD1.14468A | G | 0.3006 | 4002 |
| 10 chrD1.14472G | A | 0.3374 | 3980 |
| 10 chrD1.14478A | G | 0.3657 | 3998 |
| 10 chrD1.14486G | A | 0.439 | 4002 |
| 10 chrD1.14481A | G | 0.2782 | 3976 |
| 10 chrD1.14494A | G | 0.1994 | 4002 |
| 10 chrD1.14497A | G | 0.1553 | 3998 |
| 10 chrD1.14504A | G | 0.395 | 3992 |
| 10 chrD1.14507G | A | 0.1067 | 4002 |
| 10 chrD1.14513C | A | 0.1093 | 3944 |
| 10 chrD1.14515C | A | 0.111 | 3972 |
| 10 chrD1.14523A | G | 0.2442 | 3996 |
| 10 chrD1.14525A | G | 0.4875 | 4006 |
| 10 chrD1.14530G | A | 0.06826 | 3970 |
| 10 chrD1.14540G | A | 0.02456 | 3950 |
| 10 chrD1.14550G | A | 0.1499 | 4002 |
| 10 chrD1.14560G | A | 0.06134 | 3994 |
| 10 chrD1.14555A | C | 0.1508 | 4004 |
| 10 chrD1.14557A | G | 0.06858 | 4010 |
| 10 chrD1.14564A | G | 0.001997 | 4006 |
| 10 chrD1.14566A | C | 0.116 | 4008 |
| 10 chrD1.14572A | G | 0.06668 | 4004 |
| 10 chrD1.14579C | A | 0.4561 | 4006 |
| 10 chrD1.14583G | A | 0.3202 | 3982 |
| 10 chrD1.14589A | C | 0.08183 | 3996 |
| 10 chrD1.14593A | C | 0.4561 | 3944 |
| 10 chrD1.14598A | G | 0.2654 | 3870 |
| 10 chrD1.14605C | A | 0.4262 | 3794 |
| 10 chrD1.14610A | G | 0.4704 | 3984 |
| 10 chrD1.14614A | G | 0.1391 | 3996 |
| 10 chrD1.14621A | G | 0.2183 | 3940 |
| 10 chrD1.14632A | G | 0.1496 | 3964 |
| 10 chrD1.14639G | A | 0.07404 | 3998 |
| 10 chrD1.14641A | C | 0.1093 | 3954 |
| 10 chrD1.14645A | C | 0.2301 | 3898 |
| 10 chrD1.14647A | G | 0.3663 | 4002 |
| 10 chrD1.14650A | G | 0.03343 | 4008 |
| 10 chrD1.14653G | A | 0.2312 | 4006 |
| 10 chrD1.14668A | G | 0.3189 | 4004 |
| 10 chrD1.14668G | A | 0.3117 | 4004 |

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| 10 chrD1.146711G | A | 0.1544 | 4002 |
| 10 chrD1.146794A | G | 0.397 | 3940 |
| 10 chrD1.146834A | G | 0.2366 | 3986 |
| 10 chrD1.146866A | G | 0.2767 | 4000 |
| 10 chrD1.146896G | A | 0.2515 | 3992 |
| 10 chrD1.146977G | A | 0.3675 | 3992 |
| 10 chrD1.146996G | A | 0.3979 | 3988 |
| 10 chrD1.147016A | G | 0.365 | 3978 |
| 10 chrD1.147105G | A | 0.02852 | 3962 |
| 10 chrD1.147168A | G | 0.4048 | 4004 |
| 10 chrD1.147201C | A | 0.05891 | 3972 |
| 10 chrD1.147236C | A | 0.3621 | 3996 |
| 10 chrD1.147286A | G | 0.4985 | 4004 |
| 10 chrD1.147324A | C | 0.3155 | 3990 |
| 10 chrD1.147355G | A | 0.4836 | 3912 |
| 10 chrD1.147411G | A | 0.4355 | 3956 |
| 10 chrD1.147437A | G | 0.3564 | 3732 |
| 10 chrD1.147468A | G | 0.2752 | 3994 |
| 10 chrD1.147506A | G | 0.2582 | 3970 |
| 10 chrD1.147556G | A | 0.4349 | 3996 |
| 10 chrD1.147624G | A | 0.3285 | 4000 |
| 10 chrD1.147659G | A | 0.1195 | 3974 |
| 10 chrD1.147695G | A | 0.2099 | 3968 |
| 10 chrD1.147721A | G | 0.06995 | 3974 |
| 10 chrD1.147745A | G | 0.2727 | 3994 |
| 10 chrD1.147775A | C | 0.118 | 3812 |
| 10 chrD1.147837A | G | 0.2959 | 3984 |
| 10 chrD1.147919A | G | 0.1509 | 4010 |
| 10 chrD1.147944A | C | 0.04091 | 3642 |
| 10 chrD1.147972G | A | 0.1027 | 3670 |
| 10 chrD1.148056A | G | 0.006536 | 3978 |
| 10 chrD1.148087A | G | 0.427 | 3984 |
| 10 chrD1.148149G | A | 0.114 | 4000 |
| 10 chrD1.148247G | A | 0.3518 | 3962 |
| 10 chrD1.148305A | G | 0.4203 | 4000 |
| 10 chrD1.148328G | A | 0.2656 | 4006 |
| 10 chrD1.148355A | G | 0.05104 | 3958 |
| 10 chrD1.148387A | G | 0.1962 | 4002 |
| 10 chrD1.148456A | G | 0.3869 | 3998 |
| 10 chrD1.148504A | C | 0.4282 | 3954 |
| 10 chrD1.148566A | G | 0.2691 | 3958 |

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| 10 chrD1.148616G | A | 0.00175 | 4000 |
| 10 chrD1.148654 | 0 A | 0 | 4010 |
| 10 chrD1.148677A | G | 0.1675 | 3856 |
| 10 chrD1.148757G | A | 0.05597 | 3984 |
| 10 chrD1.148754A | G | 0.1259 | 4002 |
| 10 chrD1.148807A | C | 0.4043 | 3992 |
| 10 chrD1.148837G | A | 0.3647 | 3984 |
| 10 chrD1.148897A | G | 0.3144 | 4004 |
| 10 chrD1.148937C | A | 0.1448 | 4000 |
| 10 chrD1.148986A | G | 0.4744 | 3948 |
| 10 chrD1.149016A | G | 0.03227 | 3998 |
| 10 chrD1.149036C | A | 0.08933 | 3806 |
| 10 chrD1.149086A | G | 0.3759 | 3900 |
| 10 chrD1.149136G | A | 0.2458 | 3820 |
| 10 chrD1.149177A | G | 0.06135 | 4010 |
| 10 chrD1.149207A | C | 0.3833 | 3900 |
| 10 chrD1.149229A | G | 0.4467 | 3996 |
| 10 chrD1.149267A | G | 0.07403 | 3728 |
| 10 chrD1.149286A | C | 0.4232 | 3984 |
| 10 chrD1.149317A | G | 0.2534 | 4006 |
| 10 chrD1.149409A | G | 0.4597 | 3998 |
| 10 chrD1.149457C | A | 0.3322 | 4004 |
| 10 chrD1.149496A | G | 0.136 | 4008 |
| 10 chrD1.149526G | A | 0.1397 | 3938 |
| 10 chrD1.149577A | G | 0.2039 | 3782 |
| 10 chrD1.149587A | G | 0.06415 | 4006 |
| 10 chrD1.149608A | C | 0.4775 | 3996 |
| 10 chrD1.149659A | G | 0.002034 | 3934 |
| 10 chrD1.149686G | A | 0.1175 | 4008 |
| 10 chrD1.149727A | G | 0.0055 | 4000 |
| 10 chrD1.149756C | A | 0.02033 | 3836 |
| 10 chrD1.149829A | G | 0.2318 | 3990 |
| 10 chrD1.149857A | C | 0.3633 | 3920 |
| 10 chrD1.149884C | A | 0.1775 | 3966 |
| 10 chrD1.149998A | C | 0.005245 | 4004 |
| 10 chrD1.150029A | G | 0.2206 | 3984 |
| 10 chrD1.150114A | C | 0.00725 | 4000 |
| 10 chrD1.150148C | A | 0.2317 | 3992 |
| 10 chrD1.150216G | A | 0.3961 | 3996 |
| 10 chrD1.150274A | G | 0.492 | 3978 |
| 10 chrD1.150309A | G | 0.1558 | 4006 |

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| 10 chrD1.150457A | G | 0.1956 | 4008 |
| 10 chrD1.150477C | G | 0 | 4008 |
| 10 chrD1.150486A | G | 0.4019 | 3986 |
| 10 chrD1.150547A | G | 0.0884 | 3982 |
| 10 chrD1.150586A | G | 0.1045 | 3884 |
| 10 chrD1.150617A | G | 0.08117 | 4004 |
| 10 chrD1.150657A | C | 0.02876 | 3998 |
| 10 chrD1.150697A | C | 0.1328 | 4000 |
| 10 chrD1.150866G | A | 0.04502 | 3976 |
| 10 chrD1.150947A | G | 0.03621 | 4004 |
| 10 chrD1.150977A | G | 0.1301 | 4006 |
| 10 chrD1.150997A | G | 0.05339 | 4008 |
| 10 chrD1.151037G | A | 0.1066 | 3912 |
| 10 chrD1.151077A | C | 0.1477 | 3948 |
| 10 chrD1.151107A | G | 0.4173 | 3944 |
| 10 chrD1.151137C | A | 0.2211 | 3926 |
| 10 chrD1.151167G | A | 0.2858 | 3894 |
| 10 chrD1.151217A | G | 0.2969 | 3984 |
| 10 chrD1.151257G | A | 0.1091 | 3968 |
| 10 chrD1.151287G | A | 0.2588 | 3984 |
| 10 chrD1.151347A | G | 0.3694 | 3996 |
| 10 chrD1.151376A | G | 0.3454 | 3862 |
| 10 chrD1.151407A | G | 0.11 | 3990 |
| 10 chrD1.151436A | G | 0.1789 | 3990 |
| 10 chrD1.151467G | A | 0.4825 | 3832 |
| 10 chrD1.151547G | A | 0.2544 | 3998 |
| 10 chrD1.151587A | C | 0.4842 | 3920 |
| 10 chrD1.151617G | A | 0.4369 | 3978 |
| 10 chrD1.151637A | G | 0.1685 | 3964 |
| 10 chrD1.151667A | G | 0.1333 | 3872 |
| 10 chrD1.151667G | A | 0.04965 | 3948 |
| 10 chrD1.151716A | G | 0.3009 | 3828 |
| 10 chrD1.151736A | C | 0.05873 | 3746 |
| 10 chrD1.151847A | G | 0.4597 | 3992 |
| 10 chrD1.151887A | C | 0.4537 | 3910 |
| 10 chrD1.151917A | G | 0.06678 | 3968 |
| 10 chrD1.151947G | A | 0.001995 | 4010 |
| 10 chrD1.151997A | C | 0.07239 | 4006 |
| 10 chrD1.152047G | A | 0.06081 | 3930 |
| 10 chrD1.152097A | G | 0.1308 | 4006 |
| 10 chrD1.152167A | G | 0.05408 | 3920 |

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| 10 chrD1.15225†A | G | 0.3303 | 3990 |
| 10 chrD1.15229‡A | G | 0.1619 | 3948 |
| 10 chrD1.15232‡A | G | 0.4264 | 3996 |
| 10 chrD1.15234‡A | G | 0.06169 | 3988 |
| 10 chrD1.15237‡G | A | 0.1335 | 3964 |
| 10 chrD1.15242‡A | G | 0.2481 | 3986 |
| 10 chrA1.54929‡G | A | 0.2428 | 4004 |
| 10 chrD1.15246(A | G | 0.4533 | 3962 |
| 10 chrD1.15251‡A | G | 0.1626 | 3992 |
| 10 chrD1.15257‡A | G | 0.02113 | 3976 |
| 10 chrD1.15260‡A | C | 0.2588 | 3934 |
| 10 chrD1.15264‡A | G | 0.1145 | 4000 |
| 10 chrD1.15267‡G | A | 0.431 | 3998 |
| 10 chrD1.15273‡A | G | 0.09302 | 4010 |
| 10 chrD1.15277‡G | A | 0.1535 | 3804 |
| 10 chrD1.15280‡A | G | 0.1633 | 3944 |
| 10 chrD1.15282‡A | G | 0.1383 | 3978 |
| 10 chrD1.15290‡A | G | 0.1657 | 3988 |
| 10 chrD1.15293‡G | A | 0.1545 | 3986 |
| 10 chrD1.15296(G | A | 0.2796 | 4002 |
| 10 chrD1.15299‡A | G | 0.2852 | 4008 |
| 10 chrD1.15303‡G | A | 0.4688 | 3914 |
| 10 chrD1.15310‡G | A | 0.3709 | 3958 |
| 10 chrD1.15314‡A | G | 0.3433 | 4002 |
| 10 chrD1.15318‡A | G | 0.1601 | 3710 |
| 10 chrD1.15321‡A | G | 0.07043 | 4004 |
| 10 chrD1.15324‡A | G | 0.09651 | 3958 |
| 10 chrD1.15328(A | G | 0.1706 | 3886 |
| 10 chrD1.15332‡G | A | 0.2414 | 3968 |
| 10 chrD1.15342‡A | G | 0.4395 | 3870 |
| 10 chrD1.15346‡G | A | 0.2491 | 3958 |
| 10 chrD1.15350‡A | G | 0.221 | 4004 |
| 10 chrD1.15355‡G | A | 0.3816 | 3970 |
| 10 chrD1.15359‡A | G | 0.1962 | 4002 |
| 10 chrD1.15372‡G | A | 0.2051 | 3950 |
| 10 chrD1.15378‡G | A | 0.3463 | 3970 |
| 10 chrD1.15407‡A | G | 0.3153 | 3980 |
| 10 chrD1.15413‡C | A | 0.2556 | 3986 |
| 10 chrD1.15421(G | A | 0.4467 | 3886 |
| 10 chrD1.15430‡G | A | 0.237 | 3958 |
| 10 chrD1.15436‡A | G | 0.3604 | 3918 |

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| 10 chrD1.15440T | G | 0.2366 | 4002 |
| 10 chrD1.15445T | G | 0.01757 | 3870 |
| 10 chrD1.15450T | G | 0.1167 | 3950 |
| 10 chrD1.15454T | G | 0.4165 | 3942 |
| 10 chrD1.15457T | A | 0.08775 | 4000 |
| 10 chrD1.15461T | G | 0.2581 | 3940 |
| 10 chrD1.15464T | G | 0.1294 | 3994 |
| 10 chrD1.15474T | A | 0.1822 | 3974 |
| 10 chrD1.15481T | C | 0.4309 | 3924 |
| 10 chrD1.15486T | A | 0.1686 | 3992 |
| 10 chrD1.15489T | C | 0.4287 | 3954 |
| 10 chrD1.15492T | G | 0.3914 | 3922 |
| 10 chrD1.15496T | G | 0.146 | 3788 |
| 10 chrD1.15506T | G | 0.3512 | 3642 |
| 10 chrD1.15510T | A | 0.4526 | 3904 |
| 10 chrD1.15514T | A | 0.08614 | 3854 |
| 10 chrD1.15517T | G | 0.03806 | 3652 |
| 10 chrD1.15522T | G | 0.05648 | 3948 |
| 10 chrD1.15536T | A | 0.4549 | 3988 |
| 10 chrD1.15536T | G | 0.09808 | 3956 |
| 10 chrD1.15539T | A | 0.0378 | 3836 |
| 10 chrD1.15545T | A | 0.4923 | 3876 |
| 10 chrD1.15550T | A | 0.419 | 3928 |
| 10 chrD1.15555T | C | 0.000499 | 4008 |
| 10 chrD1.15566T | A | 0.3432 | 4006 |
| 10 chrD1.15570T | G | 0.07362 | 3980 |
| 10 chrD1.15578T | G | 0.1982 | 3956 |
| 10 chrD1.15582T | G | 0.03854 | 3866 |
| 10 chrD1.15587T | G | 0.2919 | 3912 |
| 10 chrD1.15591T | G | 0.04143 | 3934 |
| 10 chrD1.15598T | A | 0.4955 | 3990 |
| 10 chrD1.15602T | G | 0.3326 | 3996 |
| 10 chrD1.15607T | A | 0.03581 | 3826 |
| 10 chrD1.15610T | A | 0.3748 | 3978 |
| 10 chrD1.15610T | 0 A | 0 | 4010 |
| 10 chrD1.15625T | A | 0.03429 | 3850 |
| 10 chrD1.15628T | G | 0.2177 | 3734 |
| 10 chrD1.15631T | G | 0.3681 | 3790 |
| 10 chrD1.15635T | A | 0.4868 | 4000 |
| 10 chrD1.15650T | G | 0.04894 | 3862 |
| 10 chrD1.15653T | A | 0.2503 | 3872 |

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|----------------|---------|----------|------|
| 10 chrD1.15658 | G A | 0.1253 | 3998 |
| 10 chrD1.15665 | T C A | 0.458 | 4000 |
| 10 chrD1.15668 | T A G | 0.4466 | 3992 |
| 10 chrD1.13393 | T G A | 0.4348 | 3802 |
| 10 chrD1.13396 | T A G | 0.4381 | 3990 |
| 10 chrD1.13400 | T A G | 0.07771 | 4002 |
| 10 chrD1.13423 | T A 0 | 0 | 4010 |
| 10 chrD1.13432 | T A G | 0.01376 | 3996 |
| 10 chrD1.13440 | T A G | 0.328 | 3964 |
| 10 chrD1.13476 | T A G | 0.05489 | 4008 |
| 10 chrUn.46090 | T A G | 0.1171 | 4004 |
| 10 chrD1.13492 | T A 0 G | 0 | 4010 |
| 10 chrD1.13508 | T A G | 0.2781 | 3876 |
| 10 chrD1.13518 | T A G | 0.0358 | 3994 |
| 10 chrD1.13543 | T A C | 0.07882 | 3692 |
| 10 chrD1.13546 | T A G | 0.4056 | 3972 |
| 10 chrD1.13551 | T A G | 0.4481 | 3992 |
| 10 chrD1.13565 | T A G | 0.08697 | 3990 |
| 10 chrD1.13589 | T A G | 0.4461 | 3992 |
| 10 chrD1.13612 | T A G | 0.04924 | 3798 |
| 10 chrD1.13617 | T A G | 0.00788 | 3934 |
| 10 chrD1.13618 | T A G | 0.4138 | 3992 |
| 10 chrD1.13622 | T A G | 0.1548 | 4004 |
| 11 chrUn.50351 | T A G | 0.2349 | 4006 |
| 11 chrD2.16737 | T A G | 0.005247 | 4002 |
| 11 chrD2.16699 | T A G | 0.1681 | 4004 |
| 11 chrD2.16617 | T A G | 0.1753 | 3998 |
| 11 chrD2.16471 | T A G | 0.4167 | 3998 |
| 11 chrD2.16398 | T A G | 0.2851 | 3984 |
| 11 chrUn26.621 | T A G | 0.3106 | 3966 |
| 11 chrUn26.624 | T A C | 0.4775 | 4006 |
| 11 chrUn26.627 | T A G | 0.2289 | 3998 |
| 11 chrUn26.630 | T A C | 0.3987 | 3960 |
| 11 chrUn26.634 | T A C | 0.4852 | 3988 |
| 11 chrUn26.651 | T A G | 0.2448 | 3656 |
| 11 chrUn26.655 | T A G | 0.394 | 4000 |
| 11 chrUn26.662 | T A C | 0.3991 | 3994 |
| 11 chrUn26.666 | T A G | 0.4905 | 3998 |
| 11 chrUn26.677 | T A G | 0.467 | 4006 |
| 11 chrUn26.680 | T A G | 0.4444 | 3978 |
| 11 chrUn26.681 | T A G | 0.019 | 4000 |

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| 11 chrUn26.687:A | C | 0.2313 | 4004 |
| 11 chrUn26.693:A | G | 0.4397 | 3978 |
| 11 chrUn26.696:G | A | 0.3193 | 4006 |
| 11 chrUn26.702:G | A | 0.3596 | 3896 |
| 11 chrUn26.706:G | A | 0.01599 | 4002 |
| 11 chrUn26.711:A | G | 0.1533 | 4004 |
| 11 chrUn26.714:G | A | 0.05589 | 4008 |
| 11 chrUn26.718:A | G | 0.1812 | 4000 |
| 11 chrUn26.722:C | A | 0.1615 | 4000 |
| 11 chrUn26.725:G | A | 0.3549 | 3948 |
| 11 chrUn26.730:A | G | 0.3347 | 4000 |
| 11 chrUn26.735:G | A | 0.2159 | 3992 |
| 11 chrUn26.742:A | G | 0.0538 | 3996 |
| 11 chrUn26.747:G | A | 0.05353 | 3998 |
| 11 chrUn26.758:A | C | 0.02944 | 3838 |
| 11 chrUn26.768:A | G | 0.1956 | 4004 |
| 11 chrUn26.775:A | G | 0.3742 | 3918 |
| 11 chrUn26.785:A | G | 0.4409 | 3996 |
| 11 chrUn26.789:G | A | 0.2288 | 4000 |
| 11 chrUn26.789:A | G | 0.2467 | 3996 |
| 11 chrUn26.798:G | A | 0.0911 | 3842 |
| 11 chrUn26.801:A | G | 0.2675 | 3992 |
| 11 chrUn26.806:C | A | 0.02146 | 4008 |
| 11 chrUn26.814:A | G | 0.08114 | 3956 |
| 11 chrUn26.827:C | A | 0.002754 | 3994 |
| 11 chrUn.76972:G | A | 0.1476 | 3998 |
| 11 chrUn26.834:A | G | 0.4115 | 4000 |
| 11 chrUn26.836:A | G | 0.4018 | 3960 |
| 11 chrUn26.845:G | A | 0.1158 | 3998 |
| 11 chrD1.12184:G | A | 0.3873 | 4002 |
| 11 chrUn26.851:A | G | 0.4333 | 3988 |
| 11 chrUn26.854:G | A | 0.09292 | 3982 |
| 11 chrUn26.858:A | G | 0.3696 | 4004 |
| 11 chrUn26.866:G | A | 0.156 | 4006 |
| 11 chrUn26.869:A | G | 0.1705 | 3918 |
| 11 chrUn26.873:C | A | 0.1309 | 3782 |
| 11 chrUn26.878:G | A | 0.2772 | 4000 |
| 11 chrUn26.883:A | C | 0.09275 | 4000 |
| 11 chrUn26.887:A | G | 0.02292 | 3926 |
| 11 chrUn26.892:A | G | 0.1162 | 3992 |
| 11 chrUn26.896:A | C | 0.1445 | 3978 |

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| 11 chrUn26.900:G | A | 0.2429 | 3928 |
| 11 chrUn26.904:A | G | 0.0472 | 4004 |
| 11 chrUn26.907:A | C | 0.2815 | 3982 |
| 11 chrUn26.915:G | A | 0.007243 | 4004 |
| 11 chrUn26.918:C | A | 0.04995 | 4004 |
| 11 chrUn26.922:C | A | 0.3934 | 3960 |
| 11 chrUn26.931:A | G | 0.2721 | 3918 |
| 11 chrUn.36695:G | A | 0.0587 | 3918 |
| 11 chrUn26.942:A | G | 0.004051 | 3950 |
| 11 chrUn26.945:G | A | 0.07485 | 3928 |
| 11 chrB2.22605:G | A | 0.4562 | 3948 |
| 11 chrUn26.948:G | A | 0.473 | 4000 |
| 11 chrUn26.952:A | G | 0.4003 | 3992 |
| 11 chrUn26.960:A | C | 0.2578 | 3996 |
| 11 chrUn26.966:A | G | 0.2253 | 3986 |
| 11 chrUn26.969:G | A | 0.08762 | 4006 |
| 11 chrUn26.974:A | G | 0.1713 | 4004 |
| 11 chrUn26.980:G | A | 0.0307 | 3844 |
| 11 chrUn26.984:A | G | 0.06858 | 3966 |
| 11 chrUn26.985:G | A | 0.1764 | 3996 |
| 11 chrUn26.988:A | G | 0.04693 | 4006 |
| 11 chrUn26.992:G | A | 0.1716 | 3992 |
| 11 chrUn26.995:A | G | 0.1705 | 3994 |
| 11 chrUn26.998:G | A | 0.09909 | 3976 |
| 11 chrUn26.100:G | A | 0.03374 | 3912 |
| 11 chrUn26.100:G | A | 0.02999 | 4002 |
| 11 chrUn26.101:A | C | 0.4769 | 3976 |
| 11 chrUn26.102:G | A | 0.07189 | 4006 |
| 11 chrUn26.102:A | G | 0.1719 | 4002 |
| 11 chrUn26.102:A | G | 0.2361 | 4006 |
| 11 chrUn26.103:A | G | 0.465 | 3998 |
| 11 chrUn26.103:C | A | 0.04282 | 3970 |
| 11 chrUn26.103:G | A | 0.4745 | 4006 |
| 11 chrUn26.104:C | A | 0.2413 | 4004 |
| 11 chrUn26.104:A | G | 0.005035 | 3972 |
| 11 chrUn26.105:A | A | 0.06266 | 3990 |
| 11 chrUn26.106:A | C | 0.2611 | 3998 |
| 11 chrUn26.106:C | A | 0.3404 | 3984 |
| 11 chrUn26.107:A | G | 0.3959 | 4006 |
| 11 chrUn26.107:A | G | 0.298 | 4004 |
| 11 chrUn26.107:A | G | 0.08047 | 3952 |

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| 11 chrUn26.108 | G | A | 0.3759 | 3980 |
| 11 chrUn26.108 | A | G | 0.1799 | 3986 |
| 11 chrUn26.108 | A | G | 0.367 | 4000 |
| 11 chrUn26.108 | G | A | 0.3473 | 3996 |
| 11 chrUn26.109 | G | A | 0.001755 | 3988 |
| 11 chrUn26.110 | G | A | 0.213 | 3982 |
| 11 chrUn26.110 | G | A | 0.1447 | 3954 |
| 11 chrUn26.110 | A | G | 0.02871 | 4006 |
| 11 chrUn26.111 | A | G | 0.3249 | 3936 |
| 11 chrUn26.111 | A | G | 0.4366 | 3992 |
| 11 chrUn26.111 | A | G | 0.417 | 4010 |
| 11 chrUn26.112 | A | G | 0.3549 | 3990 |
| 11 chrUn26.113 | A | G | 0.4695 | 4000 |
| 11 chrUn26.113 | A | G | 0.3124 | 3998 |
| 11 chrD2.12466 | G | A | 0.4156 | 3924 |
| 11 chrD2.11504 | A | G | 0.2876 | 3998 |
| 11 chrD2.10986 | A | G | 0.2645 | 3864 |
| 11 chrD2.10615 | A | G | 0.08004 | 3998 |
| 11 chrD2.10269 | A | G | 0.09259 | 3996 |
| 11 chrD2.94812 | A | G | 0.09515 | 4004 |
| 11 chrD2.91723 | G | A | 0.1652 | 4002 |
| 11 chrD2.87240 | C | A | 0.06169 | 4004 |
| 11 chrD2.79751 | A | G | 0.08449 | 3610 |
| 11 chrD2.72532 | G | A | 0.1615 | 3938 |
| 11 chrD2.69499 | C | A | 0.1967 | 3858 |
| 11 chrD2.63696 | A | G | 0.07082 | 3968 |
| 11 chrD2.60420 | C | A | 0.3029 | 3978 |
| 11 chrD2.56262 | G | A | 0.3756 | 4004 |
| 11 chrD2.52184 | A | G | 0.1975 | 3994 |
| 11 chrD2.42638 | A | G | 0.03015 | 3980 |
| 11 chrD2.39629 | G | A | 0.4943 | 4004 |
| 11 chrD2.37163 | G | A | 0.2789 | 3998 |
| 11 chrD2.36119 | A | G | 0.3501 | 3990 |
| 11 chrD2.29726 | A | G | 0.001509 | 3976 |
| 11 chrD2.27402 | A | G | 0.3953 | 3994 |
| 11 chrD2.23793 | A | G | 0.07021 | 4002 |
| 11 chrD2.18703 | A | G | 0.3552 | 3924 |
| 11 chrD2.12000 | G | A | 0.3969 | 3996 |
| 11 chrD2.65254 | G | A | 0.4579 | 3990 |
| 11 chrD2.21043 | G | A | 0.05791 | 4006 |
| 11 chrUn26.114 | G | A | 0.4843 | 4008 |

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| 11 chrUn26.114 | A | G | 0.2579 | 4006 |
| 11 chrUn26.115 | G | A | 0.4181 | 3992 |
| 11 chrUn26.115 | A | G | 0.0499 | 3868 |
| 11 chrUn26.115 | A | C | 0.4456 | 3734 |
| 11 chrUn26.116 | A | G | 0.2194 | 4006 |
| 11 chrUn26.116 | A | G | 0.3089 | 3992 |
| 11 chrUn26.117 | A | G | 0.4523 | 4002 |
| 11 chrUn26.117 | G | A | 0.114 | 4000 |
| 11 chrUn26.117 | G | A | 0.1426 | 3990 |
| 11 chrUn26.117 | G | A | 0.4842 | 3998 |
| 11 chrUn26.118 | A | C | 0.1602 | 3944 |
| 11 chrUn26.118 | A | G | 0.4852 | 3996 |
| 11 chrUn26.118 | A | G | 0.1474 | 3990 |
| 11 chrUn26.119 | G | A | 0.3337 | 3992 |
| 11 chrUn26.119 | G | A | 0.1246 | 3982 |
| 11 chrUn26.119 | C | A | 0.1443 | 3942 |
| 11 chrUn26.119 | G | A | 0.117 | 4000 |
| 11 chrUn26.120 | G | A | 0.4466 | 4004 |
| 11 chrUn26.121 | G | A | 0.1404 | 4010 |
| 11 chrUn26.121 | A | G | 0.06795 | 3944 |
| 11 chrUn26.120 | A | G | 0.3884 | 3960 |
| 11 chrUn26.122 | G | A | 0.1071 | 3780 |
| 11 chrUn26.122 | A | G | 0.01623 | 4004 |
| 11 chrUn.38214 | A | G | 0.06831 | 3806 |
| 11 chrUn26.123 | A | G | 0.3525 | 4008 |
| 11 chrUn26.123 | A | G | 0.48 | 4008 |
| 11 chrUn26.124 | G | A | 0.01802 | 3830 |
| 11 chrB1.147611 | C | A | 0.447 | 3924 |
| 11 chrUn26.124 | A | G | 0.1341 | 3998 |
| 11 chrUn26.124 | G | A | 0.2357 | 4010 |
| 11 chrUn26.125 | A | C | 0.1546 | 4004 |
| 11 chrUn26.126 | G | A | 0.1516 | 3992 |
| 11 chrUn26.126 | G | A | 0.1703 | 3998 |
| 11 chrUn.32540 | A | G | 0.06993 | 3904 |
| 11 chrUn26.126 | A | C | 0.2268 | 4004 |
| 11 chrA2.18380 | A | G | 0.3719 | 4004 |
| 11 chrUn26.127 | G | A | 0.2833 | 3982 |
| 11 chrUn26.126 | A | C | 0.4023 | 3992 |
| 11 chrB3.15899 | G | A | 0.2726 | 3962 |
| 11 chrB3.15912 | A | G | 0.1273 | 4006 |
| 11 chrB3.15947 | A | C | 0.3821 | 3994 |

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| 11 chrUn26.127 | G | A | 0.1747 | 3922 |
| 11 chrUn26.128 | A | C | 0.2955 | 4000 |
| 11 chrUn26.128 | G | A | 0.3219 | 3998 |
| 11 chrUn26.129 | G | A | 0.03373 | 4002 |
| 11 chrUn26.129 | A | G | 0.05879 | 3980 |
| 11 chrUn26.130 | A | G | 0.2916 | 3910 |
| 11 chrUn26.130 | G | A | 0.0984 | 4004 |
| 11 chrB3.562011 | G | A | 0.2763 | 3996 |
| 11 chrUn4.1915 | A | G | 0.3162 | 3994 |
| 11 chrUn4.6066 | A | C | 0.2527 | 3962 |
| 11 chrD2.28903 | A | C | 0.1722 | 3996 |
| 11 chrD2.29174 | A | G | 0.4823 | 4008 |
| 11 chrD2.29886 | A | G | 0.1947 | 3960 |
| 11 chrD2.29919 | A | G | 0.003244 | 4008 |
| 11 chrD2.30371 | A | G | 0.09466 | 4004 |
| 11 chrD2.31157 | A | G | 0.2392 | 3972 |
| 11 chrD2.31409 | A | G | 0 | 4010 |
| 11 chrD2.32379 | A | G | 0.3821 | 3996 |
| 11 chrD2.32671 | A | A | 0.286 | 4004 |
| 11 chrD2.32932 | A | A | 0.1084 | 3996 |
| 11 chrD2.33210 | A | A | 0.3417 | 3998 |
| 11 chrD2.34464 | A | C | 0.4178 | 3956 |
| 11 chrD2.34747 | A | A | 0.4524 | 3990 |
| 11 chrD2.35793 | A | A | 0.1979 | 3946 |
| 11 chrD2.36251 | A | C | 0.1005 | 4000 |
| 11 chrD2.36537 | A | G | 0.06587 | 3780 |
| 11 chrD2.36939 | A | G | 0.326 | 4006 |
| 11 chrD2.37789 | A | A | 0.1605 | 4006 |
| 11 chrD2.38320 | A | G | 0.2232 | 4006 |
| 11 chrD2.38943 | A | A | 0.4498 | 3984 |
| 11 chrD2.38958 | A | C | 0.1329 | 4002 |
| 11 chrD2.39209 | A | A | 0.3309 | 3986 |
| 11 chrD2.39785 | A | A | 0.3202 | 3970 |
| 11 chrD2.40200 | A | G | 0.1205 | 3958 |
| 11 chrD2.40774 | A | C | 0.04069 | 4006 |
| 11 chrUn.78323 | A | G | 0.1761 | 3992 |
| 11 chrD2.41550 | A | A | 0.4372 | 3952 |
| 11 chrD2.42004 | A | G | 0.02924 | 4002 |
| 11 chrD2.42428 | A | G | 0.01022 | 4010 |
| 11 chrA1.16021 | A | G | 0.04123 | 4002 |
| 11 chrD2.42722 | A | G | 0.3799 | 3980 |

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| 11 chrD2.431975A | G | 0.0618 | 3738 |
| 11 chrD2.434345A | G | 0.1526 | 3990 |
| 11 chrD2.440705A | C | 0.4741 | 3974 |
| 11 chrD2.448495A | G | 0.3008 | 3980 |
| 11 chrD2.452294G | A | 0.2835 | 4004 |
| 11 chrD2.454725G | A | 0.1759 | 4002 |
| 11 chrE2.201961C | A | 0.07009 | 3738 |
| 11 chrD2.465095A | G | 0.1595 | 3974 |
| 11 chrD2.475465C | A | 0.408 | 3958 |
| 11 chrD2.478775G | A | 0.2881 | 4002 |
| 11 chrD2.484595G | A | 0.1039 | 4002 |
| 11 chrD2.491425C | A | 0.2885 | 3948 |
| 11 chrD2.493975A | G | 0.4414 | 3994 |
| 11 chrD2.499015A | G | 0.1079 | 4004 |
| 11 chrD2.504715A | G | 0.04127 | 3998 |
| 11 chrD2.510635A | G | 0.2807 | 3986 |
| 11 chrD2.515654G | A | 0.3267 | 3998 |
| 11 chrD2.518545G | A | 0.1859 | 4002 |
| 11 chrD2.522655G | A | 0.0175 | 4000 |
| 11 chrD2.523805G | A | 0.3186 | 3964 |
| 11 chrD2.527605A | G | 0.05142 | 3948 |
| 11 chrD2.533565A | G | 0.1692 | 4006 |
| 11 chrD2.538435A | G | 0.3342 | 4004 |
| 11 chrUn.403425A | G | 0.2023 | 3910 |
| 11 chrD2.542205A | C | 0.009358 | 3954 |
| 11 chrD2.547025A | C | 0.2502 | 4004 |
| 11 chrD2.549444C | A | 0.1909 | 4002 |
| 11 chrD2.554075G | A | 0.313 | 3994 |
| 11 chrD2.557065A | G | 0.3741 | 3954 |
| 11 chrD2.559835G | A | 0.4586 | 4006 |
| 11 chrD2.560855C | A | 0.4474 | 4008 |
| 11 chrD2.567405G | A | 0.2345 | 3996 |
| 11 chrD2.573905A | G | 0.01807 | 3764 |
| 11 chrD2.578825A | G | 0.2322 | 3992 |
| 11 chrD2.582245C | A | 0.2734 | 3980 |
| 11 chrD2.583155A | G | 0.3215 | 4000 |
| 11 chrD2.585454A | C | 0.03147 | 4004 |
| 11 chrD2.587875A | G | 0.1921 | 3962 |
| 11 chrD2.596935A | C | 0.4034 | 3954 |
| 11 chrD2.600445A | G | 0.1663 | 4004 |
| 11 chrD2.603235G | A | 0.2811 | 4002 |

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| 11 chrD2.611357G | A | 0.4371 | 3972 |
| 11 chrD2.614536A | G | 0.03723 | 4002 |
| 11 chrD2.623887G | A | 0.3196 | 4002 |
| 11 chrD2.626407A | G | 0.3243 | 3888 |
| 11 chrD2.628776G | A | 0.1747 | 4000 |
| 11 chrD2.632735A | G | 0.2871 | 4006 |
| 11 chrD2.635756G | A | 0.06522 | 4002 |
| 11 chrD2.642409A | G | 0.2177 | 4006 |
| 11 chrD2.650967G | A | 0.06618 | 4004 |
| 11 chrD2.653757A | G | 0.215 | 4004 |
| 11 chrD2.657156A | G | 0.4002 | 3996 |
| 11 chrD2.664947G | A | 0.3457 | 4006 |
| 11 chrD2.668686G | A | 0.2405 | 3992 |
| 11 chrD2.675296G | A | 0.3395 | 4006 |
| 11 chrD2.678577G | A | 0.3425 | 3980 |
| 11 chrD2.683237C | A | 0.0245 | 4000 |
| 11 chrD2.687898A | G | 0.2433 | 3970 |
| 11 chrD2.693477A | G | 0.4451 | 4008 |
| 11 chrD2.700697A | G | 0.003573 | 3918 |
| 11 chrD2.702649G | A | 0.2562 | 3962 |
| 11 chrD2.706067G | A | 0.1435 | 4008 |
| 11 chrD2.709537A | G | 0.4644 | 3964 |
| 11 chrD2.712936G | A | 0.0754 | 3846 |
| 11 chrD2.720036A | G | 0.1523 | 3874 |
| 11 chrD2.725037G | A | 0.1105 | 4000 |
| 11 chrD2.728187A | G | 0.1448 | 3888 |
| 11 chrD2.732416C | A | 0.331 | 3988 |
| 11 chrD2.736497G | A | 0.2345 | 4004 |
| 11 chrD2.739866G | A | 0.4529 | 3992 |
| 11 chrD2.742409A | G | 0.03817 | 4008 |
| 11 chrD2.746007A | G | 0.4917 | 3990 |
| 11 chrD2.750316A | G | 0.139 | 4006 |
| 11 chrD2.752887A | G | 0.01471 | 4010 |
| 11 chrD2.756447G | A | 0.1873 | 4004 |
| 11 chrD2.759579A | C | 0.019 | 4000 |
| 11 chrD2.763817A | G | 0.2153 | 4004 |
| 11 chrD2.771498A | G | 0.1873 | 4000 |
| 11 chrD2.775967A | G | 0.2362 | 3996 |
| 11 chrD2.778777A | G | 0.4717 | 3992 |
| 11 chrD2.781867A | G | 0.472 | 3928 |
| 11 chrD2.785529A | G | 0.06906 | 3924 |

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|----------------|---|---|-----------|------|
| 11 chrD2.79661 | G | A | 0.1309 | 3996 |
| 11 chrD2.80709 | G | A | 0.2887 | 3994 |
| 11 chrD2.81551 | A | G | 0.1461 | 3996 |
| 11 chrD2.81949 | A | G | 0.2756 | 3998 |
| 11 chrD2.82197 | A | G | 0.2288 | 4004 |
| 11 chrD2.82525 | A | G | 0.208 | 3990 |
| 11 chrD2.83383 | G | A | 0.2743 | 3974 |
| 11 chrD2.83787 | A | G | 0.0625 | 4000 |
| 11 chrD2.84895 | A | G | 0.04334 | 3992 |
| 11 chrD2.85159 | G | A | 0.1353 | 3998 |
| 11 chrD2.85432 | A | G | 0.1884 | 3986 |
| 11 chrD2.86174 | A | G | 0.3933 | 3992 |
| 11 chrD2.86628 | A | C | 0.3481 | 3984 |
| 11 chrD2.87389 | A | G | 0.4286 | 3948 |
| 11 chrD2.86947 | G | A | 0.437 | 4000 |
| 11 chrD2.87525 | C | A | 0.4052 | 3976 |
| 11 chrD2.88323 | A | G | 0.2404 | 3972 |
| 11 chrD2.87785 | A | G | 0.335 | 4006 |
| 11 chrD2.88037 | A | C | 0.2503 | 3940 |
| 11 chrD2.88108 | A | G | 0.0004988 | 4010 |
| 11 chrD2.88801 | A | C | 0.4947 | 3944 |
| 11 chrD2.89140 | A | G | 0.1443 | 3972 |
| 11 chrD2.89598 | G | A | 0.498 | 4004 |
| 11 chrD2.89841 | A | G | 0.193 | 3974 |
| 11 chrD2.90142 | A | C | 0.1403 | 3992 |
| 11 chrD2.90614 | A | G | 0.004552 | 3954 |
| 11 chrD2.91245 | C | A | 0.1969 | 3996 |
| 11 chrD2.92040 | G | A | 0.1629 | 4002 |
| 11 chrD2.92665 | G | A | 0.144 | 3986 |
| 11 chrD2.93325 | A | G | 0.1551 | 3966 |
| 11 chrD2.93608 | A | G | 0.3655 | 4006 |
| 11 chrD2.93863 | C | A | 0.1666 | 4004 |
| 11 chrD2.94669 | A | G | 0.06057 | 3896 |
| 11 chrD2.94971 | A | G | 0.4065 | 4002 |
| 11 chrD2.95322 | A | C | 0.3041 | 4002 |
| 11 chrD2.96308 | A | G | 0.4188 | 4004 |
| 11 chrD2.97430 | A | G | 0.2285 | 4000 |
| 11 chrD2.96897 | G | A | 0.04296 | 4004 |
| 11 chrD2.97970 | G | A | 0.3476 | 4002 |
| 11 chrD2.98286 | G | A | 0.3844 | 3884 |
| 11 chrD2.98551 | G | A | 0.4506 | 3964 |

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| 11 chrD2.988217A | G | 0.2917 | 4004 |
| 11 chrD2.990607A | G | 0.4015 | 3948 |
| 11 chrD2.993386A | G | 0.003352 | 3878 |
| 11 chrD2.100067A | G | 0.03251 | 3968 |
| 11 chrD2.100617A | G | 0.3705 | 3984 |
| 11 chrD2.101097G | A | 0.4448 | 4006 |
| 11 chrD2.101457G | A | 0.2608 | 4000 |
| 11 chrD2.101766G | A | 0.4446 | 4004 |
| 11 chrD2.102034A | G | 0.2828 | 3968 |
| 11 chrD2.102634G | A | 0.4415 | 4000 |
| 11 chrD2.102887A | G | 0.1323 | 3998 |
| 11 chrD2.103364C | A | 0.09889 | 3792 |
| 11 chrD2.103998A | G | 0.3451 | 3958 |
| 11 chrD2.104997G | A | 0.3591 | 4004 |
| 11 chrD2.104689A | G | 0.2047 | 4000 |
| 11 chrD2.105597G | A | 0.2189 | 3988 |
| 11 chrD2.105186G | A | 0.2189 | 3992 |
| 11 chrD2.105839A | G | 0.2404 | 3998 |
| 11 chrD2.106416A | G | 0.4629 | 3994 |
| 11 chrD2.106756A | G | 0.07189 | 4006 |
| 11 chrD2.107566C | A | 0.4922 | 3980 |
| 11 chrD2.107256A | G | 0.1662 | 3954 |
| 11 chrD2.108066G | A | 0.2632 | 3986 |
| 11 chrD2.107808G | A | 0.268 | 4004 |
| 11 chrD2.108354C | A | 0.4507 | 4000 |
| 11 chrD2.108616A | G | 0.3406 | 4008 |
| 11 chrD2.108857A | G | 0.1948 | 3988 |
| 11 chrD2.109827G | A | 0.2571 | 4002 |
| 11 chrD2.110507G | A | 0.4857 | 3990 |
| 11 chrD2.111268C | A | 0.2058 | 4004 |
| 11 chrD2.111617G | A | 0.3667 | 3932 |
| 11 chrD2.111969A | G | 0.2662 | 3960 |
| 11 chrD2.112749G | A | 0.1907 | 3986 |
| 11 chrD2.113016A | G | 0.203 | 3980 |
| 11 chrD2.113497G | A | 0.1016 | 4006 |
| 11 chrD2.114127A | G | 0.1727 | 4000 |
| 11 chrD2.114437A | G | 0.2249 | 3984 |
| 11 chrD2.114976A | G | 0.2739 | 3998 |
| 11 chrD2.115694A | G | 0.4667 | 3996 |
| 11 chrUn.300489G | A | 0.3436 | 3976 |
| 11 chrD2.115977A | G | 0.2681 | 3902 |

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| 11 chrD2.11625(A | G | 0.03097 | 4004 |
| 11 chrD2.11662(A | C | 0.2228 | 4004 |
| 11 chrD2.11706(A | G | 0.2789 | 3984 |
| 11 chrD2.11739(A | G | 0.07842 | 3864 |
| 11 chrD2.11774(A | A | 0.07592 | 4004 |
| 11 chrD2.11824(A | C | 0.2298 | 3964 |
| 11 chrD2.11877(A | A | 0.4965 | 4002 |
| 11 chrD2.11963(A | G | 0.4149 | 3958 |
| 11 chrD2.11984(A | A | 0.3407 | 4006 |
| 11 chrD2.12023(A | G | 0.4043 | 4004 |
| 11 chrD2.12048(A | G | 0.06782 | 3996 |
| 11 chrD2.12054(A | A | 0.3748 | 4000 |
| 11 chrD2.12079(A | A | 0.461 | 3998 |
| 11 chrD2.12125(A | A | 0.06867 | 3990 |
| 11 chrD2.12151(A | G | 0.08617 | 3992 |
| 11 chrD2.12189(A | G | 0.08145 | 3904 |
| 11 chrD2.12220(A | G | 0.1501 | 4004 |
| 11 chrD2.12272(A | A | 0.3506 | 4004 |
| 11 chrD2.12311(A | G | 0.215 | 3996 |
| 11 chrD2.12342(A | G | 0.4726 | 4008 |
| 11 chrD2.12374(A | A | 0.1648 | 3986 |
| 11 chrD2.12399(A | A | 0.007742 | 4004 |
| 11 chrD2.12434(A | A | 0.1893 | 3946 |
| 11 chrD2.12466(A | G | 0.1708 | 4004 |
| 11 chrD2.12499(A | G | 0.2912 | 4008 |
| 11 chrD2.12527(A | G | 0.005679 | 3874 |
| 11 chrD2.12577(A | G | 0.3617 | 4006 |
| 11 chrD2.12617(A | A | 0.2434 | 4006 |
| 11 chrD2.12772(A | 0 G | 0 | 4010 |
| 11 chrD2.12779(A | A | 0.2934 | 3984 |
| 11 chrD2.12832(A | G | 0.2203 | 4000 |
| 11 chrD2.12889(A | A | 0.2631 | 3998 |
| 11 chrD2.12921(A | A | 0.2837 | 4000 |
| 11 chrD2.12975(A | G | 0.1588 | 3998 |
| 11 chrD2.13028(A | C | 0.122 | 4008 |
| 11 chrD2.13144(A | G | 0.317 | 3924 |
| 11 chrD2.13171(A | G | 0.2329 | 3998 |
| 11 chrD2.13229(A | A | 0.4668 | 4004 |
| 11 chrD2.13268(A | G | 0.01297 | 4008 |
| 11 chrD2.13310(A | A | 0.04194 | 4006 |
| 11 chrD2.13339(A | A | 0.04296 | 3980 |

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| 11 chrD2.13406 | A | G | 0.4286 | 4004 |
| 11 chrD2.13431 | G | A | 0.3147 | 3956 |
| 11 chrD2.13490 | G | A | 0.3386 | 3996 |
| 11 chrD2.13518 | G | A | 0.2063 | 4004 |
| 11 chrD2.13549 | G | A | 0.001251 | 3996 |
| 11 chrD2.13482 | G | 0 G | 0 | 4010 |
| 11 chrD2.13575 | G | A | 0.4006 | 3994 |
| 11 chrD2.13664 | C | A | 0.3064 | 3998 |
| 11 chrD2.13600 | G | A | 0.1661 | 3836 |
| 11 chrUn.73227 | G | 0 A | 0 | 4010 |
| 11 chrD2.13813 | G | A | 0.375 | 3984 |
| 11 chrD2.13886 | A | C | 0.3946 | 4004 |
| 11 chrD2.13930 | A | G | 0.09225 | 4000 |
| 11 chrD2.13969 | A | C | 0.08841 | 4004 |
| 11 chrD2.14012 | G | A | 0.4686 | 3948 |
| 11 chrD2.14035 | A | G | 0.0273 | 3956 |
| 11 chrD2.14113 | A | C | 0.4298 | 3904 |
| 11 chrD2.14194 | A | C | 0.4813 | 4002 |
| 11 chrD2.14224 | A | G | 0.2363 | 4008 |
| 11 chrD2.14277 | A | G | 0.06568 | 4004 |
| 11 chrD2.14351 | A | G | 0.4032 | 3864 |
| 11 chrD2.14451 | G | A | 0.08338 | 3982 |
| 11 chrD2.14510 | A | G | 0.4134 | 4008 |
| 11 chrD2.14583 | G | A | 0.4371 | 3990 |
| 11 chrD2.14639 | G | A | 0.369 | 4000 |
| 11 chrD2.14692 | A | C | 0.217 | 3816 |
| 11 chrUn.36193 | A | G | 0.4552 | 3954 |
| 11 chrD2.14770 | A | C | 0.06528 | 3998 |
| 11 chrD2.14794 | A | G | 0.3458 | 4002 |
| 11 chrD2.14859 | A | G | 0.1825 | 3846 |
| 11 chrD2.14883 | A | G | 0.3366 | 3990 |
| 11 chrD2.14907 | G | A | 0.3313 | 3912 |
| 11 chrD2.14932 | G | A | 0.1567 | 3994 |
| 11 chrD2.14966 | G | A | 0.1643 | 4000 |
| 11 chrD2.14990 | A | G | 0.02699 | 3964 |
| 11 chrD2.15022 | A | G | 0.4987 | 3982 |
| 11 chrD2.15050 | A | G | 0.2394 | 3960 |
| 11 chrD2.15114 | A | C | 0.4905 | 3988 |
| 11 chrD2.15195 | G | A | 0.415 | 3930 |
| 11 chrD2.15290 | G | A | 0.0135 | 4000 |
| 11 chrD2.15355 | A | A | 0.3547 | 3998 |

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| 11 chrD2.15387 | G | A | 0.1983 | 3994 |
| 11 chrD2.15431 | C | A | 0.00025 | 4000 |
| 11 chrD2.15431 | A | G | 0.01637 | 3910 |
| 11 chrUn.40464 | G | A | 0.03067 | 4010 |
| 11 chrD2.15478 | A | G | 0.01923 | 4004 |
| 11 chrD2.15524 | A | G | 0.3043 | 3990 |
| 11 chrD2.15567 | A | G | 0.3 | 4006 |
| 11 chrD2.15594 | A | G | 0.4822 | 3990 |
| 11 chrD2.15656 | A | G | 0.1999 | 3992 |
| 11 chrD2.15704 | A | G | 0.304 | 3882 |
| 11 chrD2.15728 | C | A | 0.02083 | 3984 |
| 11 chrD2.15778 | A | G | 0.3443 | 3968 |
| 11 chrD2.15824 | A | G | 0.1503 | 4006 |
| 11 chrD2.15860 | A | G | 0.1153 | 3998 |
| 11 chrD2.15919 | A | C | 0.1089 | 3932 |
| 11 chrD2.15967 | A | G | 0.2539 | 4006 |
| 11 chrD2.15992 | A | G | 0.4589 | 3986 |
| 11 chrD2.16018 | A | G | 0.4099 | 3952 |
| 11 chrD2.16019 | A | G | 0.3018 | 4002 |
| 11 chrD2.16106 | A | G | 0.3485 | 3908 |
| 11 chrD2.16147 | A | G | 0.3881 | 3960 |
| 11 chrD2.16257 | A | G | 0.1385 | 3994 |
| 11 chrE1.530264 | A | C | 0.003998 | 4002 |
| 11 chrUn.80091 | A | C | 0.1667 | 3996 |
| 11 chrC1.20264 | A | G | 0.08916 | 3948 |
| 11 chrC1.20259 | A | G | 0.3323 | 4002 |
| 11 chrUn.28025 | A | G | 0.3296 | 3972 |
| 11 chrC1.20256 | A | C | 0.2774 | 3994 |
| 11 chrC1.20254 | A | C | 0.498 | 3990 |
| 11 chrD2.16810 | A | G | 0.3313 | 3918 |
| 11 chrD2.16945 | A | G | 0.07036 | 4008 |
| 11 chrD2.17011 | A | G | 0.1093 | 3990 |
| 11 chrD2.17038 | A | C | 0.1499 | 4002 |
| 11 chrD2.17158 | A | G | 0.4683 | 3978 |
| 11 chrD2.17186 | A | G | 0.1629 | 3996 |
| 11 chrD2.17252 | A | G | 0.09211 | 4006 |
| 11 chrD2.17287 | A | G | 0.2247 | 3974 |
| 11 chrA1.21595 | A | G | 0.05837 | 3752 |
| 11 chrD2.17314 | A | G | 0.1211 | 3996 |
| 11 chrD2.17379 | A | G | 0.0984 | 3994 |
| 11 chrD2.17447 | A | G | 0.08409 | 3972 |

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| 11 chrD2.17352 | G A | 0.2357 | 3992 |
| 11 chrD2.17500 | A G | 0.393 | 4000 |
| 11 chrD2.17578 | A G | 0.3977 | 3920 |
| 11 chrD2.17611 | A C | 0.3076 | 4002 |
| 11 chrD2.17644 | A G | 0.01738 | 3854 |
| 11 chrD2.17665 | A C | 0.1202 | 3968 |
| 11 chrD2.17725 | A C | 0.3975 | 4000 |
| 11 chrD2.17768 | A C | 0.1631 | 4004 |
| 11 chrD2.17810 | A G | 0.3767 | 3974 |
| 11 chrD2.17851 | A G | 0.498 | 3992 |
| 11 chrD2.17879 | A G | 0.06272 | 3954 |
| 11 chrD2.17908 | (C A | 0.2783 | 4010 |
| 11 chrUn.67305 | A G | 0.3084 | 4008 |
| 11 chrD2.17982 | (A G | 0.2436 | 3806 |
| 11 chrD2.18025 | (G A | 0.2611 | 4010 |
| 11 chrD2.18081 | 0 A | 0 | 4010 |
| 11 chrD2.18136 | A G | 0.2757 | 4000 |
| 11 chrD2.18204 | (A G | 0.3124 | 3982 |
| 11 chrD2.18235 | (A G | 0.2697 | 3990 |
| 11 chrD2.18313 | A G | 0.4607 | 3998 |
| 11 chrD2.18371 | A G | 0.0998 | 3928 |
| 11 chrD2.18401 | (G A | 0.02693 | 4010 |
| 11 chrD2.18403 | (A G | 0.003741 | 4010 |
| 11 chrD2.18429 | (G A | 0.2185 | 3996 |
| 11 chrD2.18455 | A G | 0.4865 | 3996 |
| 11 chrD2.18489 | (A G | 0 | 4002 |
| 11 chrD2.18534 | (G A | 0.2779 | 4002 |
| 11 chrD2.18577 | (G A | 0.4349 | 3992 |
| 11 chrD2.18605 | A G | 0.2183 | 3990 |
| 11 chrD2.18637 | A G | 0.3195 | 4006 |
| 11 chrD2.18695 | (A G | 0 | 4010 |
| 11 chrD2.18696 | A G | 0.2199 | 3974 |
| 11 chrD2.18741 | A G | 0.1249 | 4002 |
| 11 chrD2.18792 | A G | 0.3411 | 4002 |
| 11 chrD2.18903 | A G | 0.1095 | 3990 |
| 11 chrD2.18955 | (A C | 0.3496 | 3782 |
| 11 chrD2.19084 | (A C | 0.1018 | 3978 |
| 11 chrD2.19192 | (G A | 0.4662 | 3994 |
| 11 chrD2.19234 | A C | 0.1207 | 3976 |
| 11 chrD2.19264 | (G A | 0.0007493 | 4004 |
| 11 chrD2.19315 | A G | 0.1583 | 4000 |

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| 11 chrD2.19425(G | A | 0.4518 | 4002 |
| 11 chrD2.19458(G | A | 0.03894 | 4006 |
| 11 chrD2.19543(A | G | 0.3187 | 4004 |
| 11 chrD2.19569(A | G | 0.446 | 3910 |
| 11 chrD2.19625(A | C | 0.0705 | 4000 |
| 11 chrD2.19699(G | A | 0.1983 | 3778 |
| 11 chrD2.19736(C | A | 0.101 | 4008 |
| 11 chrD2.19762(A | C | 0.3545 | 4000 |
| 11 chrD2.19810(G | A | 0.4521 | 3988 |
| 11 chrD2.19837(C | A | 0.0996 | 4006 |
| 11 chrD2.19910(G | A | 0.3701 | 3996 |
| 11 chrD2.19955(G | A | 0.09063 | 3884 |
| 11 chrD2.20023(G | A | 0.4305 | 4002 |
| 11 chrD2.20048(G | A | 0.007735 | 4008 |
| 11 chrD2.20094(A | G | 0.04135 | 3942 |
| 11 chrD2.20118(A | G | 0.4307 | 3996 |
| 11 chrD2.20150(A | G | 0.4957 | 3996 |
| 11 chrD2.20219(A | C | 0.02272 | 4006 |
| 11 chrD2.20296(A | G | 0.04312 | 3966 |
| 11 chrD2.20367(A | C | 0.197 | 3940 |
| 11 chrUn.43125(A | C | 0.3786 | 3996 |
| 11 chrD2.20445(G | A | 0.4672 | 4000 |
| 11 chrD2.20542(G | A | 0.2524 | 4010 |
| 11 chrD2.20572(G | A | 0.1723 | 3988 |
| 11 chrD2.20616(G | A | 0.4086 | 3984 |
| 11 chrD2.20666(G | A | 0.346 | 3986 |
| 11 chrD2.20719(G | A | 0.1115 | 4000 |
| 11 chrD2.20770(A | G | 0.1503 | 3920 |
| 11 chrD2.20869(G | A | 0.2324 | 3984 |
| 11 chrD2.20911(G | A | 0.006747 | 4002 |
| 11 chrD2.20939(A | G | 0.2864 | 4002 |
| 11 chrD2.20975(A | G | 0.002539 | 3938 |
| 11 chrD2.21013(C | A | 0.002021 | 3958 |
| 11 chrD2.21054(C | A | 0.258 | 4000 |
| 11 chrD2.21078(A | G | 0.1233 | 4006 |
| 11 chrD2.21106(A | G | 0.1966 | 4004 |
| 11 chrD2.21171(G | A | 0.3565 | 4000 |
| 11 chrD2.21213(C | A | 0.2705 | 4000 |
| 11 chrD2.21295(A | C | 0.2388 | 3844 |
| 11 chrD2.21323(A | A | 0.468 | 3998 |
| 11 chrD2.21364(G | A | 0.2404 | 3910 |

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| 11 chrD2.213937A | G | 0.1108 | 3998 |
| 11 chrD2.214027A | G | 0.2331 | 3986 |
| 11 chrD2.214124A | C | 0.2319 | 4002 |
| 11 chrD2.214487A | G | 0.09536 | 4006 |
| 11 chrD2.214918A | G | 0.48 | 3998 |
| 11 chrD2.215217A | G | 0.2019 | 4002 |
| 11 chrD2.215477A | C | 0.003268 | 3978 |
| 11 chrD2.215727A | C | 0.1482 | 4002 |
| 11 chrD2.216254A | G | 0.3874 | 4006 |
| 11 chrD2.216529G | A | 0.2562 | 4004 |
| 11 chrD2.217529G | A | 0.0128 | 3906 |
| 11 chrD2.217859G | A | 0.129 | 4000 |
| 11 chrD2.218117G | A | 0.3994 | 3968 |
| 11 chrD2.218587A | G | 0.4182 | 3996 |
| 11 chrD2.219144G | A | 0.0766 | 4008 |
| 11 chrD2.219417G | A | 0.3632 | 3978 |
| 11 chrD2.219804A | G | 0.108 | 3992 |
| 11 chrUn.459669G | A | 0.1309 | 3828 |
| 11 chrD2.220867G | A | 0.1288 | 3998 |
| 11 chrD2.221246G | A | 0.3362 | 4006 |
| 11 chrD2.221519G | A | 0.07677 | 3960 |
| 11 chrD2.221806A | G | 0.1798 | 4010 |
| 11 chrC2.489337A | G | 0.1206 | 4006 |
| 11 chrD2.222357G | A | 0.4827 | 3986 |
| 11 chrD2.222614A | G | 0.3393 | 4002 |
| 11 chrD2.222666A | G | 0.2801 | 4006 |
| 11 chrD2.223478G | A | 0.249 | 4004 |
| 11 chrD2.223856A | G | 0.3202 | 4004 |
| 11 chrD2.224409A | G | 0.1865 | 4000 |
| 11 chrD2.225016G | A | 0.1997 | 4006 |
| 11 chrD2.225598A | G | 0.0777 | 3964 |
| 11 chrD2.225949A | G | 0.4548 | 4002 |
| 11 chrD2.226517G | A | 0.2018 | 3974 |
| 11 chrD2.226767A | G | 0.4023 | 3972 |
| 11 chrD2.227219A | G | 0.228 | 3894 |
| 11 chrD2.227464A | G | 0.2568 | 3992 |
| 11 chrD2.227909A | G | 0.2397 | 3872 |
| 11 chrD2.228077C | A | 0.4578 | 4004 |
| 11 chrD2.229269C | A | 0.01962 | 3924 |
| 11 chrD2.229656G | A | 0.2464 | 4006 |
| 11 chrD2.229889A | G | 0.4755 | 4000 |

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| 11 chrD2.23079(A | G | 0.2909 | 3988 |
| 11 chrD2.23135(A | G | 0.1527 | 3996 |
| 11 chrD2.23212(A | G | 0.09141 | 4004 |
| 11 chrD2.23237(A | C | 0.2285 | 3982 |
| 11 chrD2.23294(G | A | 0.1951 | 3982 |
| 11 chrD2.23338(A | G | 0.3538 | 4002 |
| 11 chrD2.23368(G | A | 0.005518 | 3806 |
| 11 chrD2.23431(A | C | 0.1682 | 4006 |
| 11 chrD2.23481(A | G | 0.1467 | 3994 |
| 11 chrD2.23507(G | A | 0.3419 | 4004 |
| 11 chrD2.23594(A | G | 0.1842 | 3984 |
| 11 chrD2.23640(A | C | 0.00524 | 4008 |
| 11 chrD2.23690(A | G | 0.3452 | 3974 |
| 11 chrD2.23754(A | G | 0.1623 | 4006 |
| 11 chrD2.23804(G | A | 0.1195 | 4008 |
| 11 chrD2.23885(A | C | 0.0211 | 3934 |
| 11 chrD2.23932(A | G | 0.1682 | 3930 |
| 11 chrD2.23992(G | A | 0.03871 | 4004 |
| 11 chrD2.24028(A | G | 0.2089 | 4006 |
| 11 chrD2.24074(A | C | 0.1807 | 3996 |
| 11 chrD2.24127(C | A | 0.3585 | 4008 |
| 11 chrD2.24162(G | A | 0.02921 | 4006 |
| 11 chrD2.24201(G | A | 0.268 | 3944 |
| 11 chrD2.24226(C | A | 0.342 | 3994 |
| 11 chrD2.24276(A | G | 0.2403 | 3966 |
| 11 chrD2.24327(A | G | 0.2012 | 4006 |
| 11 chrD2.24375(G | A | 0.03248 | 4002 |
| 11 chrD2.24377(G | A | 0.1006 | 3836 |
| 11 chrD2.24404(A | G | 0.0131 | 3970 |
| 11 chrD2.24458(G | A | 0.3982 | 4000 |
| 11 chrD2.24516(G | G | 0.2665 | 4004 |
| 11 chrD2.24585(A | G | 0.4985 | 3998 |
| 11 chrD2.24611(A | G | 0.1286 | 4004 |
| 11 chrD2.24670(A | C | 0.2501 | 3850 |
| 11 chrD2.24728(G | A | 0.2928 | 3986 |
| 11 chrD2.24754(G | A | 0.3072 | 3874 |
| 11 chrD2.24808(G | G | 0.3578 | 3994 |
| 11 chrD2.24893(A | G | 0.3951 | 3964 |
| 11 chrD2.24921(C | A | 0.4796 | 3962 |
| 11 chrD2.24953(A | G | 0.4937 | 3960 |
| 11 chrD2.24997(A | G | 0.1925 | 3994 |

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| 11 chrD2.25136 | A | 0.1236 | 3990 |
| 11 chrD3.11967 | A | 0.1277 | 3994 |
| 11 chrD2.25181 | G | 0.008534 | 3984 |
| 11 chrD2.25251 | G | 0.2682 | 3922 |
| 11 chrD2.25352 | G | 0.2205 | 4004 |
| 11 chrD2.25389 | C | 0.0596 | 4010 |
| 11 chrD2.25419 | A | 0.1504 | 4002 |
| 11 chrD2.25424 | G | 0.2425 | 3984 |
| 11 chrD2.25458 | C | 0.2414 | 3998 |
| 11 chrD2.25499 | G | 0.1315 | 3940 |
| 11 chrD2.25526 | 0 G | 0 | 4008 |
| 11 chrD2.25549 | G | 0.4385 | 3918 |
| 11 chrD2.25573 | G | 0.1362 | 4002 |
| 11 chrD2.25602 | G | 0.3539 | 3928 |
| 11 chrD2.25658 | G | 0.1657 | 3988 |
| 11 chrD2.25729 | G | 0.3587 | 3998 |
| 11 chrD2.25771 | A | 0.2189 | 4002 |
| 11 chrD2.25836 | A | 0.05594 | 3790 |
| 11 chrD2.25882 | G | 0.07692 | 4004 |
| 11 chrD2.25940 | G | 0.2992 | 4004 |
| 11 chrD2.25976 | A | 0.1903 | 3998 |
| 11 chrD2.26001 | G | 0.08084 | 4008 |
| 11 chrD2.26032 | A | 0.3233 | 4002 |
| 11 chrD2.26077 | A | 0.1041 | 4006 |
| 11 chrD2.26146 | A | 0.02049 | 4002 |
| 11 chrD2.26167 | A | 0.1467 | 3966 |
| 11 chrD1.11167 | G | 0.1757 | 4006 |
| 11 chrD2.26194 | G | 0.01895 | 4010 |
| 11 chrUn.44034 | A | 0.2461 | 4002 |
| 11 chrD2.26345 | A | 0.003245 | 4006 |
| 11 chrB4.58764 | G | 0.3803 | 3994 |
| 11 chrD2.26385 | G | 0.002498 | 4004 |
| 11 chrD2.26427 | A | 0.1188 | 3966 |
| 11 chrD2.26465 | A | 0.1087 | 3772 |
| 11 chrD2.26500 | A | 0.101 | 3772 |
| 11 chrD2.26513 | A | 0.4133 | 3992 |
| 11 chrD2.26538 | A | 0.1195 | 3992 |
| 11 chrD2.26564 | G | 0.4564 | 3994 |
| 11 chrD2.26609 | G | 0.2635 | 3966 |
| 11 chrD2.26660 | A | 0.1667 | 4002 |
| 11 chrD2.26690 | G | 0.04192 | 4008 |

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| 11 chrD2.26735:G | A | 0.2496 | 4002 |
| 11 chrD2.26781:A | G | 0.09489 | 3994 |
| 11 chrD2.26843:A | G | 0.09475 | 3884 |
| 11 chrD2.26874:C | A | 0.4609 | 3888 |
| 11 chrD2.26901:A | G | 0.004738 | 4010 |
| 11 chrD2.26962:C | A | 0.4368 | 3988 |
| 11 chrD2.27039:G | A | 0.3227 | 4004 |
| 11 chrD2.27074:A | A | 0.2141 | 4008 |
| 11 chrD2.27160:C | A | 0.3331 | 4008 |
| 11 chrD2.27191:G | A | 0.2972 | 3994 |
| 11 chrD2.27259:A | G | 0.4338 | 3986 |
| 11 chrD2.27262:A | G | 0.009783 | 3782 |
| 11 chrD2.27283:A | G | 0.3629 | 3998 |
| 11 chrD2.27340:G | A | 0.4656 | 3922 |
| 11 chrD2.27365:A | G | 0.4658 | 4004 |
| 11 chrD2.27392:G | A | 0.2116 | 4008 |
| 11 chrD2.27439:A | C | 0.487 | 4000 |
| 11 chrUn.24332:A | C | 0.1057 | 3878 |
| 11 chrD2.27465:G | A | 0.2754 | 4008 |
| 11 chrD2.27507:A | G | 0.3301 | 4008 |
| 11 chrD2.27543:C | A | 0.4801 | 3914 |
| 11 chrD2.27577:A | A | 0.2111 | 3980 |
| 11 chrD2.27592:G | A | 0.2299 | 3998 |
| 11 chrD2.27643:A | G | 0.002247 | 4006 |
| 11 chrD2.27683:G | A | 0.1793 | 4004 |
| 11 chrD2.27734:A | G | 0.4677 | 3926 |
| 11 chrD2.27756: | 0 C | 0 | 4010 |
| 11 chrD2.27814:A | A | 0.113 | 4010 |
| 11 chrD2.27851:A | A | 0.4723 | 4006 |
| 11 chrD2.27885:A | G | 0.144 | 4006 |
| 11 chrD2.27923:A | G | 0.09487 | 3900 |
| 11 chrD2.27984:C | A | 0.4624 | 3958 |
| 11 chrD2.28049:A | A | 0.4727 | 3992 |
| 11 chrD2.28093:C | A | 0.002997 | 4004 |
| 11 chrD2.28124:A | A | 0.2818 | 4000 |
| 11 chrD2.28262:G | A | 0.2214 | 4002 |
| 11 chrD2.28299:G | A | 0.1974 | 3622 |
| 11 chrD2.28341:G | A | 0.2995 | 3936 |
| 11 chrD2.28396:A | G | 0.1991 | 4008 |
| 11 chrD2.28421:A | A | 0.2433 | 3966 |
| 11 chrD2.28423:G | A | 0.135 | 4000 |

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| 11 chrD2.284784 | G | A | 0.456 | 3998 |
| 11 chrD2.285656 | G | A | 0.444 | 4000 |
| 11 chrD2.285891 | A | G | 0.4331 | 3990 |
| 11 chrD2.286821 | G | A | 0.4882 | 3996 |
| 11 chrD2.287151 | A | G | 0.1318 | 4000 |
| 11 chrD2.287521 | A | C | 0.4684 | 3928 |
| 11 chrD2.288057 | G | A | 0.02897 | 4004 |
| 11 chrD2.288711 | C | A | 0.07795 | 3810 |
| 11 chrD2.289261 | A | G | 0.3684 | 4006 |
| 11 chrD2.289541 | C | A | 0.4943 | 4006 |
| 11 chrD2.289991 | G | A | 0.2561 | 3964 |
| 11 chrD2.290244 | A | G | 0.3292 | 4004 |
| 11 chrD2.291201 | G | A | 0.1942 | 3996 |
| 11 chrD2.291886 | A | G | 0.4337 | 3998 |
| 11 chrD2.292181 | A | G | 0.05999 | 3934 |
| 11 chrD2.292481 | G | A | 0.06507 | 3996 |
| 11 chrD2.293751 | A | G | 0.1858 | 3708 |
| 11 chrD2.294484 | A | G | 0.4114 | 3996 |
| 11 chrD2.294721 | A | G | 0.3223 | 4006 |
| 11 chrD2.295681 | A | G | 0.3067 | 3998 |
| 11 chrD2.296166 | A | G | 0.07955 | 4010 |
| 11 chrD2.296596 | G | A | 0.3236 | 3990 |
| 11 chrD2.297201 | A | G | 0.3153 | 3888 |
| 11 chrD2.297531 | A | G | 0.09178 | 3966 |
| 11 chrD2.297796 | A | G | 0.12 | 4000 |
| 11 chrD2.299101 | A | G | 0.4755 | 4006 |
| 11 chrD2.299461 | A | G | 0.167 | 3994 |
| 11 chrD2.300381 | A | G | 0.0503 | 3996 |
| 11 chrD2.300801 | G | A | 0.1664 | 4002 |
| 11 chrD2.301221 | A | G | 0.4454 | 3974 |
| 11 chrD2.301481 | A | G | 0.2253 | 3812 |
| 11 chrD2.301974 | A | G | 0.2124 | 4006 |
| 11 chrA2.202826 | A | G | 0.3729 | 3998 |
| 11 chrD2.303154 | G | A | 0.0507 | 4004 |
| 11 chrD2.303641 | A | G | 0.3187 | 3998 |
| 11 chrD2.303896 | A | C | 0.01906 | 3934 |
| 11 chrD2.304271 | A | G | 0.1236 | 4004 |
| 11 chrD2.305031 | A | G | 0.4723 | 4004 |
| 11 chrD2.305411 | A | G | 0.1502 | 3854 |
| 11 chrD2.305731 | G | A | 0.1095 | 3808 |
| 11 chrD2.305906 | C | A | 0.4785 | 4004 |

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| 11 chrD2.306094A | C | 0.04242 | 4008 |
| 11 chrD2.306931G | A | 0.3286 | 3984 |
| 11 chrD2.307479G | A | 0.1889 | 3864 |
| 11 chrD2.308696G | A | 0.3859 | 4006 |
| 11 chrD2.309278G | A | 0.4513 | 4002 |
| 11 chrD2.309656G | A | 0.2552 | 3946 |
| 11 chrD2.310021G | A | 0.3787 | 3990 |
| 11 chrD2.310507C | A | 0.01826 | 3998 |
| 11 chrD2.310821G | A | 0.4602 | 3998 |
| 11 chrD2.311446G | A | 0.1863 | 3998 |
| 11 chrD2.311996A | C | 0.2717 | 3886 |
| 11 chrD2.312337A | G | 0.2626 | 3994 |
| 11 chrD2.312795A | G | 0.428 | 4002 |
| 11 chrD2.313194A | G | 0.2578 | 3926 |
| 11 chrD2.313747A | G | 0.3656 | 3958 |
| 11 chrD2.314086G | A | 0.0352 | 4006 |
| 11 chrD2.314637G | A | 0.2628 | 3972 |
| 11 chrD2.315387G | A | 0.3709 | 3966 |
| 11 chrD2.315578C | A | 0.0007504 | 3998 |
| 11 chrD2.315804A | C | 0.05722 | 4002 |
| 11 chrD2.316451A | C | 0.1578 | 3968 |
| 11 chrD2.316745A | C | 0.475 | 3998 |
| 11 chrD2.317107A | G | 0.247 | 4004 |
| 11 chrD2.317908A | G | 0.2376 | 4006 |
| 11 chrD2.318359A | G | 0.1859 | 4008 |
| 11 chrD2.318617A | G | 0.4765 | 3992 |
| 11 chrD2.318995G | A | 0.008987 | 4006 |
| 11 chrUn.682621A | C | 0.04795 | 4004 |
| 11 chrD2.319366G | A | 0.4258 | 4002 |
| 11 chrUn.568447A | G | 0.1451 | 4010 |
| 11 chrD2.319675A | G | 0.2907 | 3956 |
| 11 chrD2.320165A | G | 0.1675 | 3976 |
| 11 chrD2.321009A | C | 0.202 | 3896 |
| 11 chrD2.321486A | G | 0.1788 | 3994 |
| 11 chrD2.322071A | G | 0.4772 | 3990 |
| 11 chrD2.323365A | G | 0.1981 | 3932 |
| 11 chrD2.323674G | A | 0.09657 | 3966 |
| 11 chrUn4.11397C | A | 0.04898 | 4002 |
| 11 chrUn4.16746A | G | 0.3596 | 3988 |
| 11 chrUn4.21221G | A | 0.1585 | 3976 |
| 11 chrUn4.23646G | A | 0.2874 | 3974 |

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| 11 chrUn4.2722:C | A | 0.4267 | 3942 |
| 11 chrUn4.3065:C | A | 0.2216 | 3984 |
| 11 chrUn4.3879:A | G | 0.2303 | 4000 |
| 11 chrUn4.4139:G | A | 0.08325 | 4000 |
| 11 chrUn4.4721(A | G | 0.006269 | 3988 |
| 11 chrUn4.5413:A | G | 0.4243 | 4002 |
| 11 chrUn4.6322:A | G | 0.1467 | 3980 |
| 11 chrUn4.6717:G | A | 0.2708 | 3996 |
| 11 chrUn4.6984:A | G | 0.3435 | 4006 |
| 11 chrUn4.7319:G | A | 0.2816 | 3800 |
| 11 chrUn4.7748:A | G | 0.2645 | 3992 |
| 11 chrUn4.8479(A | G | 0.1888 | 4004 |
| 11 chrUn4.8715:G | A | 0.1122 | 3984 |
| 11 chrUn4.9652:C | A | 0.3801 | 3788 |
| 11 chrUn4.1006(A | G | 0.4554 | 3900 |
| 11 chrUn4.1036:A | G | 0.004244 | 4006 |
| 11 chrUn4.1041:A | G | 0.2786 | 3988 |
| 11 chrUn4.1082:A | G | 0.1614 | 3972 |
| 11 chrUn4.1113(A | C | 0.1724 | 3986 |
| 11 chrUn4.1160:A | C | 0.2445 | 3738 |
| 11 chrUn4.1211:G | A | 0.4024 | 3964 |
| 11 chrUn4.1289:C | A | 0.2817 | 3980 |
| 11 chrD2.64638(A | G | 0.4871 | 3968 |
| 11 chrD2.64577:C | A | 0.3846 | 3864 |
| 11 chrD2.64518:A | G | 0.01572 | 4008 |
| 11 chrD2.64467:A | G | 0.2321 | 3826 |
| 11 chrD2.64429:G | A | 0.09975 | 3990 |
| 11 chrD2.64376:A | G | 0.01392 | 3880 |
| 11 chrD2.64321:A | G | 0.04868 | 4006 |
| 11 chrD2.64290:G | A | 0.004805 | 3954 |
| 11 chrD2.64264:G | A | 0.1036 | 3928 |
| 11 chrD2.64238:A | G | 0.2151 | 3994 |
| 11 chrD2.64196(A | G | 0.001996 | 4008 |
| 11 chrD2.64171(G | A | 0.1541 | 3972 |
| 11 chrD2.64120:A | G | 0.2139 | 3984 |
| 11 chrD2.64083:A | G | 0.4728 | 3974 |
| 11 chrD2.64040:G | A | 0.3984 | 3996 |
| 11 chrD2.63974{ | 0 G | 0 | 4010 |
| 11 chrD2.63953:G | A | 0.006874 | 3928 |
| 11 chrD2.63912(G | A | 0.447 | 4002 |
| 11 chrD2.63881:G | A | 0.052 | 4000 |

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| 11 chrD2.63839(A | G | 0.1617 | 4008 |
| 11 chrD2.63804(A | G | 0.0736 | 4008 |
| 11 chrD2.63780(A | G | 0.1294 | 3878 |
| 11 chrD2.63749(A | G | 0.02073 | 4004 |
| 11 chrD2.63708(G | A | 0.3604 | 3984 |
| 11 chrD2.63669(A | G | 0.4389 | 3992 |
| 11 chrD2.63640(G | A | 0.003498 | 4002 |
| 11 chrD2.63583(A | G | 0.09166 | 4004 |
| 11 Spec_PLAU_1 | 0 A | 0 | 4004 |
| 11 chrUn4.1326(G | A | 0.4283 | 4002 |
| 11 chrUn4.1381(G | A | 0.2148 | 4004 |
| 11 chrD2.63530(G | A | 0.1631 | 3888 |
| 11 chrD2.63500(C | A | 0.366 | 3994 |
| 11 chrD2.63464(A | G | 0.345 | 3994 |
| 11 chrD2.63413(G | A | 0.1362 | 4000 |
| 11 chrD2.63377(G | A | 0.2965 | 3986 |
| 11 chrD2.63333(G | A | 0.2604 | 3990 |
| 11 chrD2.63242(A | G | 0.004267 | 3984 |
| 11 chrD2.63203(C | A | 0.1244 | 4002 |
| 11 chrD2.63153(G | A | 0.4278 | 3962 |
| 11 chrD2.63125(C | A | 0.4272 | 3998 |
| 11 chrD2.63085(G | A | 0.1923 | 4000 |
| 11 chrD2.63044(A | C | 0.162 | 3964 |
| 11 chrD2.63018(G | A | 0.4579 | 3992 |
| 11 chrD2.62989(A | G | 0.4647 | 3996 |
| 11 chrD2.62981(G | A | 0.3736 | 4004 |
| 11 chrD2.62964(A | G | 0.1902 | 3922 |
| 11 chrD2.62867(G | A | 0.3005 | 4000 |
| 11 chrD2.62777(A | C | 0.4346 | 3792 |
| 11 chrD2.62743(A | G | 0.1448 | 4006 |
| 11 chrD2.62605(G | A | 0.1642 | 4002 |
| 11 chrD2.62580(A | G | 0.161 | 3944 |
| 11 chrD2.62518(A | G | 0.4441 | 3826 |
| 11 chrD2.62461(G | A | 0.1057 | 3984 |
| 11 chrD2.62414(A | C | 0.01128 | 3900 |
| 11 chrD2.62299(A | C | 0.3687 | 3990 |
| 11 chrD2.62280(A | G | 0.3235 | 3982 |
| 11 chrD2.62250(A | G | 0.2876 | 4002 |
| 11 chrD2.62201(A | G | 0.1248 | 4008 |
| 11 chrD2.62170(A | G | 0.05292 | 4006 |
| 11 chrD2.62126(A | 0 G | 0 | 4006 |

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| 11 chrD2.620769A | G | 0.4739 | 3982 |
| 11 chrD2.620311C | A | 0.03414 | 3984 |
| 11 chrD2.619931G | A | 0.3436 | 3984 |
| 11 chrD2.619591C | A | 0.3285 | 3982 |
| 11 chrD2.618871A | G | 0.2729 | 3994 |
| 11 chrD2.618729G | A | 0.08188 | 4006 |
| 11 chrD2.618628C | A | 0.2575 | 3996 |
| 11 chrD2.618239A | G | 0.1768 | 3988 |
| 11 chrD2.617846G | A | 0.1471 | 4004 |
| 11 chrD2.617564C | A | 0.1048 | 4008 |
| 11 chrD2.617208C | A | 0.07385 | 4008 |
| 11 chrD2.616871 | 0 G | 0 | 4004 |
| 11 chrD2.616857A | G | 0.1864 | 3970 |
| 11 chrD2.616214A | G | 0.2183 | 4004 |
| 11 chrD2.615971G | A | 0.1931 | 4008 |
| 11 chrD2.615141G | A | 0.4175 | 4002 |
| 11 chrD2.614746G | A | 0.1827 | 4006 |
| 11 chrD2.614026A | G | 0.02088 | 3976 |
| 11 chrD2.613538A | G | 0.09441 | 4004 |
| 11 chrD2.613289A | G | 0.1956 | 3992 |
| 11 chrD2.612991A | G | 0.1988 | 3998 |
| 11 chrD2.612551G | A | 0.3676 | 4002 |
| 11 chrD2.611401G | A | 0.05312 | 4010 |
| 11 chrD2.611071A | C | 0.1622 | 3994 |
| 11 chrD2.610818A | G | 0.2221 | 3998 |
| 11 chrD2.610471G | A | 0.058 | 4000 |
| 11 chrD2.610061G | A | 0.05891 | 4006 |
| 11 chrD2.609754A | G | 0.1029 | 3976 |
| 11 chrD2.609511G | A | 0.4651 | 4006 |
| 11 chrD2.609131A | G | 0.2223 | 3994 |
| 11 chrD2.607958G | A | 0.1298 | 4000 |
| 11 chrD2.607441A | C | 0.001747 | 4008 |
| 11 chrD2.607186A | G | 0.001497 | 4008 |
| 11 chrD2.606951A | G | 0.07404 | 3998 |
| 11 chrD2.606701A | G | 0.002246 | 4008 |
| 11 chrD2.606249G | A | 0.3511 | 4004 |
| 11 chrD2.605471A | C | 0.1644 | 3972 |
| 11 chrD2.604971C | A | 0.4266 | 3980 |
| 11 chrD2.604626C | A | 0.06121 | 3970 |
| 11 chrD2.603829G | A | 0.06708 | 4010 |
| 11 chrD2.603581A | G | 0.3012 | 3878 |

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| 11 chrD2.60314(A | G | 0.104 | 3944 |
| 11 chrD2.60275(A | G | 0.3886 | 3932 |
| 11 chrD2.60225(C | A | 0.3793 | 3992 |
| 11 chrD2.60196(A | G | 0.3223 | 3984 |
| 11 chrD2.60165(G | A | 0.06785 | 3994 |
| 11 chrD2.60113(A | C | 0.03723 | 4002 |
| 11 chrD2.60084(A | G | 0.2915 | 3990 |
| 11 chrD2.60022(G | A | 0.0585 | 4000 |
| 11 chrD2.59971(A | G | 0.4195 | 4000 |
| 11 chrD2.59905(A | G | 0.1072 | 4010 |
| 11 chrD2.59851(G | A | 0.06693 | 4004 |
| 11 chrD2.59793(G | A | 0.2288 | 4008 |
| 11 chrD2.59768(A | G | 0.2806 | 3974 |
| 11 chrD2.59737(G | G | 0.4174 | 4006 |
| 11 chrD2.59709(C | A | 0.4054 | 3994 |
| 11 chrD2.59638(A | G | 0.1468 | 4006 |
| 11 chrD2.59576(A | G | 0.2526 | 4002 |
| 11 chrD2.59540(G | A | 0.02533 | 3988 |
| 11 chrD2.59502(G | A | 0.1733 | 4000 |
| 11 chrD2.59454(G | A | 0.2643 | 3992 |
| 11 chrD2.59433(A | G | 0.04267 | 3820 |
| 11 chrD2.59393(A | G | 0.1728 | 4010 |
| 11 chrD2.59358(A | G | 0.2612 | 4004 |
| 11 chrD2.59288(G | A | 0.4815 | 3992 |
| 11 chrD2.59242(G | A | 0.4125 | 4000 |
| 11 chrD2.59201(G | A | 0.2631 | 4002 |
| 11 chrD2.59174(G | A | 0.3951 | 3984 |
| 11 chrD2.59131(A | G | 0.3771 | 3874 |
| 11 chrD2.59092(G | A | 0.1987 | 4000 |
| 11 chrD2.59033(G | G | 0.03625 | 4000 |
| 11 chrD2.58938(A | G | 0.1565 | 3994 |
| 11 chrD2.58890(C | A | 0.1216 | 4004 |
| 11 chrD2.58847(G | A | 0.104 | 3896 |
| 11 chrD2.58839(G | A | 0.2262 | 3992 |
| 11 chrD2.58820(A | G | 0.2058 | 4004 |
| 11 chrD2.58726(G | A | 0.02774 | 4002 |
| 11 chrD2.58694(G | A | 0.2896 | 3950 |
| 11 chrD2.58666(G | A | 0.1642 | 3996 |
| 11 chrD2.58610(A | G | 0.004582 | 3928 |
| 11 chrD2.58610(G | A | 0.3941 | 3626 |
| 11 chrD2.58524(A | G | 0.2238 | 3994 |

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|----------------|---|---|----------|------|
| 11 chrD2.58482 | G | A | 0.1639 | 4002 |
| 11 chrD2.58423 | C | A | 0.3339 | 3998 |
| 11 chrD2.58171 | C | A | 0.2839 | 3998 |
| 11 chrD2.58131 | A | G | 0.4363 | 3958 |
| 11 chrD2.58108 | A | G | 0.05085 | 3992 |
| 11 chrD2.58089 | A | G | 0.1995 | 4000 |
| 11 chrD2.58060 | A | C | 0.1765 | 3914 |
| 11 chrD2.58032 | A | C | 0.4927 | 3976 |
| 11 chrD2.57990 | A | G | 0.1271 | 4006 |
| 11 chrD2.57954 | A | A | 0.4785 | 3954 |
| 11 chrD2.57855 | A | G | 0.07893 | 3978 |
| 11 chrD2.57803 | A | A | 0.4307 | 3954 |
| 11 chrD2.57774 | A | G | 0.4748 | 4004 |
| 11 chrD2.57728 | A | G | 0.1685 | 4000 |
| 11 chrD2.57702 | A | A | 0.3348 | 3996 |
| 11 chrD2.57540 | A | G | 0.1174 | 3986 |
| 11 chrD2.57509 | A | G | 0.1001 | 4004 |
| 11 chrD2.57477 | A | G | 0.003265 | 3982 |
| 11 chrD2.57429 | A | C | 0.2554 | 3978 |
| 11 chrD2.57383 | A | C | 0.2937 | 3824 |
| 11 chrD2.57323 | A | G | 0.2331 | 3976 |
| 11 chrD2.57282 | A | C | 0.07415 | 3992 |
| 11 chrD2.57219 | A | C | 0.2612 | 4004 |
| 11 chrD2.57176 | A | G | 0.287 | 4004 |
| 11 chrD2.57107 | A | G | 0.0955 | 3686 |
| 11 chrD2.57020 | A | G | 0.2925 | 3980 |
| 11 chrD2.56979 | A | G | 0.4631 | 4008 |
| 11 chrD2.56950 | A | G | 0.1292 | 4000 |
| 11 chrD2.56883 | A | G | 0.2919 | 3940 |
| 11 chrD2.56843 | A | G | 0.2351 | 3990 |
| 11 chrD2.56817 | A | G | 0.3031 | 3972 |
| 11 chrD2.56782 | A | G | 0.4808 | 4004 |
| 11 chrD2.56744 | A | G | 0.154 | 4000 |
| 11 chrD2.56717 | A | G | 0.002993 | 4010 |
| 11 chrD2.56689 | A | G | 0.07189 | 4006 |
| 11 chrD2.56657 | A | G | 0.4616 | 4006 |
| 11 chrD2.56639 | A | G | 0.3373 | 3996 |
| 11 chrD2.56618 | A | G | 0.4071 | 4004 |
| 11 chrD2.56585 | A | C | 0.01224 | 4002 |
| 11 chrD2.56581 | A | G | 0.1997 | 3980 |
| 11 chrD2.56501 | A | G | 0.3187 | 4004 |

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| 11 chrD2.56483(A | G | 0.1532 | 4008 |
| 11 chrD2.56471(G | A | 0.3377 | 3986 |
| 11 chrD2.56419(G | A | 0.4361 | 3930 |
| 11 chrD2.56354(A | G | 0.4494 | 3996 |
| 11 chrD2.56291(A | G | 0.1559 | 3920 |
| 11 chrD2.56229(A | G | 0.3912 | 3916 |
| 11 chrD2.56197(C | A | 0.2376 | 4006 |
| 11 chrD2.56141(A | G | 0.01496 | 4010 |
| 11 chrD2.56110(A | G | 0.04416 | 4008 |
| 11 chrD2.56052(G | A | 0.1823 | 4004 |
| 11 chrD2.55967(G | A | 0.2128 | 4008 |
| 11 chrD2.55943(A | C | 0.1985 | 4006 |
| 11 chrD2.55887(A | G | 0.292 | 3928 |
| 11 chrD2.55864(A | G | 0.2533 | 3936 |
| 11 chrD2.55834(A | G | 0.1515 | 3988 |
| 11 chrD2.55797(A | G | 0.3262 | 3994 |
| 11 chrD2.55784(C | A | 0.3794 | 3832 |
| 11 chrUn.16122(A | C | 0.3787 | 3998 |
| 11 chrD2.55700(A | G | 0.3652 | 3990 |
| 11 chrD2.55643(A | G | 0.3039 | 3988 |
| 11 chrD2.55605(G | A | 0.4293 | 3988 |
| 11 chrD2.55559(A | G | 0.02976 | 3998 |
| 11 chrD2.55522(A | C | 0.068 | 3956 |
| 11 chrD2.55469(C | A | 0.308 | 3994 |
| 11 chrD2.55414(G | A | 0.05931 | 3996 |
| 11 chrD2.55379(A | G | 0.4545 | 3886 |
| 11 chrD2.55324(A | G | 0.2732 | 3986 |
| 11 chrD2.55283(A | C | 0.3181 | 3974 |
| 11 chrD2.55216(G | A | 0.1477 | 4002 |
| 11 chrD2.55192(C | A | 0.1454 | 3990 |
| 11 chrD2.55166(G | A | 0.2465 | 4004 |
| 11 chrD2.55089(G | A | 0.3759 | 3964 |
| 11 chrD2.55040(A | C | 0.03307 | 3992 |
| 11 chrD2.54954(G | A | 0.02298 | 4004 |
| 11 chrD2.54949(G | A | 0.0002496 | 4006 |
| 11 chrD2.54885(C | A | 0.1492 | 4000 |
| 11 chrD2.54838(A | G | 0.2893 | 3996 |
| 11 chrD2.54796(A | G | 0.4544 | 3994 |
| 11 chrD2.54771(G | A | 0.2015 | 4004 |
| 11 chrD2.54724(G | A | 0.2776 | 3998 |
| 11 chrD2.54672(G | A | 0.3452 | 3986 |

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|-----------------|---|-----|----------|------|
| 11 chrD2.546391 | A | G | 0.1945 | 4006 |
| 11 chrD2.545711 | G | A | 0.3747 | 3998 |
| 11 chrD2.545471 | A | G | 0.06983 | 3852 |
| 11 chrD2.545001 | A | G | 0.3079 | 3852 |
| 11 chrD2.544561 | A | G | 0.298 | 3986 |
| 11 chrD2.544286 | A | G | 0.03067 | 4010 |
| 11 chrD2.544031 | A | G | 0.09475 | 4000 |
| 11 chrD2.543949 | A | 0 A | 0 | 3966 |
| 11 chrD2.542961 | C | A | 0.336 | 4000 |
| 11 chrD2.542541 | A | G | 0.1003 | 4006 |
| 11 chrD2.542001 | A | G | 0.2413 | 4004 |
| 11 chrD2.541711 | G | A | 0.2661 | 3968 |
| 11 chrD2.541401 | G | A | 0.4156 | 3958 |
| 11 chrD2.540641 | G | A | 0.0327 | 4006 |
| 11 chrD2.540264 | A | G | 0.3776 | 3996 |
| 11 chrD2.539336 | G | A | 0.05117 | 4006 |
| 11 chrD2.538929 | A | G | 0.2042 | 4006 |
| 11 chrD2.538429 | A | G | 0.1353 | 3998 |
| 11 chrD2.538041 | A | G | 0.1759 | 3946 |
| 11 chrD2.537711 | A | C | 0.04925 | 4000 |
| 11 chrD2.537311 | G | A | 0.2274 | 4002 |
| 11 chrD2.536736 | A | G | 0.3131 | 3996 |
| 11 chrD2.536111 | G | A | 0.1351 | 3998 |
| 11 chrD2.535141 | A | G | 0.2379 | 4006 |
| 11 chrD2.534876 | G | A | 0.4478 | 3984 |
| 11 chrD2.534441 | C | A | 0.291 | 3996 |
| 11 chrD2.534024 | A | G | 0.06382 | 3980 |
| 11 chrD2.533508 | A | G | 0.1445 | 3994 |
| 11 chrD2.532211 | A | C | 0.2826 | 3900 |
| 11 chrD2.531781 | A | C | 0.442 | 3928 |
| 11 chrD2.531336 | A | C | 0.02824 | 4002 |
| 11 chrD2.530501 | G | A | 0.3788 | 3978 |
| 11 chrD2.530156 | G | A | 0.3286 | 3752 |
| 11 chrX.5808634 | G | A | 0.3627 | 3874 |
| 11 chrD2.529691 | A | G | 0.1959 | 3996 |
| 11 chrD2.528966 | G | A | 0.003894 | 3852 |
| 11 chrD2.528706 | G | A | 0.3485 | 3994 |
| 11 chrD2.528394 | G | A | 0.3679 | 3998 |
| 11 chrD2.528139 | G | A | 0.213 | 3996 |
| 11 chrD2.526791 | G | A | 0.1981 | 3992 |
| 11 chrD2.525961 | G | A | 0.3059 | 4004 |

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| 11 chrD2.525537A | G | 0.3936 | 3996 |
| 11 chrD2.524997G | A | 0.4755 | 4004 |
| 11 chrD2.524147G | A | 0.4472 | 3998 |
| 11 chrD2.523307A | G | 0.05441 | 3988 |
| 11 chrD2.522758A | G | 0.04965 | 4008 |
| 11 chrD2.522447G | A | 0.2825 | 4004 |
| 11 chrD2.522147G | A | 0.0971 | 3996 |
| 11 chrD2.521547A | G | 0.1495 | 3872 |
| 11 chrD2.521047A | G | 0.2695 | 4004 |
| 11 chrD2.520797A | G | 0.1452 | 3836 |
| 11 chrD2.520348A | G | 0.1945 | 3964 |
| 11 chrD2.519997A | C | 0.4967 | 3980 |
| 11 chrD2.519467A | G | 0.3368 | 4002 |
| 11 chrD2.519048A | G | 0.4079 | 4008 |
| 11 chrD2.518777G | A | 0.3727 | 4006 |
| 11 chrD2.518158A | G | 0.3548 | 3994 |
| 11 chrD2.517647A | C | 0.3853 | 3994 |
| 11 chrD2.516757G | A | 0.3505 | 4006 |
| 11 chrD2.516567A | C | 0.2879 | 3994 |
| 11 chrD2.516218A | G | 0.1285 | 3992 |
| 11 chrD2.515767G | A | 0.225 | 4000 |
| 11 chrD2.515137A | C | 0.1383 | 4006 |
| 11 chrD2.514758A | G | 0.1478 | 3998 |
| 11 chrD2.514338A | G | 0.1451 | 3998 |
| 11 chrD2.513937A | G | 0.2004 | 3838 |
| 11 chrD2.513337A | G | 0.1491 | 3996 |
| 11 chrD2.513058G | A | 0.446 | 4000 |
| 11 chrD2.512557G | A | 0.1143 | 4008 |
| 11 chrD2.511957G | A | 0.4372 | 3994 |
| 11 chrD2.511347A | G | 0.2202 | 3856 |
| 11 chrD2.511007G | A | 0.3608 | 3980 |
| 11 chrD2.510747G | A | 0.0589 | 3956 |
| 11 chrD2.510287A | G | 0.2136 | 3994 |
| 11 chrD2.509177G | A | 0.4565 | 4002 |
| 11 chrD2.508787G | A | 0.2527 | 4000 |
| 11 chrD2.507947A | G | 0.4219 | 4010 |
| 11 chrD2.507287A | G | 0.4384 | 3910 |
| 11 chrD2.506918A | G | 0.1603 | 4004 |
| 11 chrD2.506258C | A | 0.2405 | 3900 |
| 11 chrD2.505817A | G | 0.02723 | 3820 |
| 11 chrD2.505598A | G | 0.2137 | 4010 |

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| 11 chrD2.50496 | G | A | 0.04562 | 3880 |
| 11 chrD2.50441 | G | A | 0.1465 | 3992 |
| 11 chrD2.50352 | A | G | 0.4369 | 3964 |
| 11 chrD2.50328 | C | A | 0.3427 | 4006 |
| 11 chrD2.50299 | A | G | 0.1556 | 3998 |
| 11 chrD2.50264 | A | G | 0.06715 | 4006 |
| 11 chrD2.50240 | A | C | 0.04763 | 4010 |
| 11 chrD2.50217 | A | G | 0.1037 | 3974 |
| 11 chrD2.50185 | C | A | 0.2127 | 3982 |
| 11 chrD2.50154 | A | A | 0.2131 | 3998 |
| 11 chrD2.50105 | C | A | 0.07371 | 4002 |
| 11 chrD2.50055 | A | C | 0.001999 | 4002 |
| 11 chrUn38.630 | C | A | 0.08379 | 3998 |
| 11 chrD2.49944 | A | G | 0.0002496 | 4006 |
| 11 chrD2.49913 | A | G | 0.1299 | 3996 |
| 11 chrUn38.614 | A | G | 0.2226 | 3990 |
| 11 chrUn38.601 | A | G | 0.167 | 3958 |
| 11 chrUn4.1417 | A | G | 0.03078 | 3996 |
| 11 chrUn38.585 | A | G | 0.1843 | 3880 |
| 11 chrUn38.570 | C | A | 0.1049 | 4004 |
| 11 chrUn38.568 | C | A | 0.2053 | 4000 |
| 11 chrUn38.565 | C | A | 0.02404 | 3952 |
| 11 chrUn28.137 | A | G | 0.1254 | 3948 |
| 11 chrUn38.548 | C | A | 0.3139 | 3992 |
| 11 chrD2.65769 | C | A | 0.4908 | 4006 |
| 11 chrD2.65783 | C | A | 0.08932 | 4008 |
| 11 chrD2.65818 | C | C | 0.3029 | 3982 |
| 11 chrD2.65859 | C | A | 0.1352 | 4008 |
| 11 chrD2.65882 | C | G | 0.1306 | 3914 |
| 11 chrD2.65935 | C | A | 0.07792 | 4004 |
| 11 chrD2.65966 | C | A | 0.04582 | 3688 |
| 11 chrD2.66008 | C | G | 0.04493 | 3984 |
| 11 chrD2.66045 | C | A | 0.1485 | 4006 |
| 11 chrD2.66070 | C | A | 0.366 | 3746 |
| 11 chrD2.66136 | C | A | 0.346 | 4000 |
| 11 chrD2.66189 | C | G | 0.3649 | 3996 |
| 11 chrD2.66213 | C | G | 0.1054 | 3784 |
| 11 chrD2.66267 | C | G | 0.1403 | 3636 |
| 11 chrD2.66322 | C | G | 0.3373 | 3996 |
| 11 chrD2.66370 | C | A | 0.06026 | 3900 |
| 11 chrD2.66375 | C | G | 0.2102 | 4000 |

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| 11 chrD2.66420 | G | A | 0.4239 | 3980 |
| 11 chrD2.66481 | A | G | 0.02351 | 3998 |
| 11 chrD2.66537 | G | A | 0.3594 | 3998 |
| 11 chrD2.66594 | A | G | 0.2831 | 3978 |
| 11 chrD2.66629 | A | G | 0.3694 | 3936 |
| 11 chrD2.66672 | G | A | 0.4298 | 4002 |
| 11 chrD2.66672 | G | A | 0.4473 | 4002 |
| 11 chrD2.66743 | A | G | 0.3799 | 3996 |
| 11 chrD2.66779 | G | A | 0.4466 | 3988 |
| 11 chrD2.66818 | A | G | 0.2092 | 4010 |
| 11 chrD2.66845 | A | G | 0.3638 | 3994 |
| 11 chrD2.66889 | A | G | 0.08791 | 4004 |
| 11 chrD2.66938 | A | G | 0.2441 | 3978 |
| 11 chrD2.66986 | A | G | 0.1673 | 3998 |
| 11 chrD2.67019 | G | A | 0.4707 | 3962 |
| 11 chrD2.67065 | G | A | 0.05844 | 4004 |
| 11 chrD2.67118 | A | C | 0.388 | 4000 |
| 11 chrD2.67181 | C | A | 0.1872 | 4006 |
| 11 chrD2.67195 | A | A | 0.3092 | 4004 |
| 11 chrD2.67222 | A | G | 0.03865 | 4010 |
| 11 chrD2.67266 | A | G | 0.1687 | 4002 |
| 11 chrD2.67314 | A | G | 0.4566 | 3986 |
| 11 chrD2.67371 | A | C | 0.05172 | 4002 |
| 11 chrD2.67432 | A | A | 0.2587 | 4004 |
| 11 chrUn.33783 | A | G | 0.02923 | 3968 |
| 11 chrD2.67469 | A | G | 0.02784 | 3880 |
| 11 chrD2.67534 | A | G | 0.2309 | 3906 |
| 11 chrD2.67563 | A | G | 0.1392 | 3988 |
| 11 chrD2.67653 | G | A | 0.08296 | 4002 |
| 11 chrUn28.513 | A | G | 0.07164 | 3978 |
| 11 chrUn28.789 | A | G | 0.3863 | 3950 |
| 11 chrUn28.123 | G | A | 0.06992 | 3990 |
| 11 chrUn28.171 | A | G | 0.2448 | 4004 |
| 11 chrUn28.239 | G | A | 0.01948 | 4004 |
| 11 chrUn28.249 | A | G | 0.4042 | 3996 |
| 11 chrUn28.271 | A | G | 0.3041 | 4008 |
| 11 chrUn28.309 | A | C | 0.03434 | 3990 |
| 11 chrUn28.379 | A | G | 0.1713 | 3992 |
| 11 chrUn28.351 | A | G | 0.1276 | 4006 |
| 11 chrUn28.427 | G | A | 0.2678 | 4000 |
| 11 chrUn28.473 | A | G | 0.2588 | 3988 |

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| 11 chrD2.19052:A | G | 0.212 | 3996 |
| 11 chrUn28.668(A | C | 0.202 | 3946 |
| 11 chrUn28.788(A | G | 0.1497 | 4008 |
| 11 chrUn28.844(A | G | 0.04662 | 3990 |
| 11 chrUn28.874:A | G | 0.4318 | 3986 |
| 11 chrUn28.943:A | G | 0.1073 | 4006 |
| 11 chrUn28.971:A | C | 0.4997 | 3970 |
| 11 chrUn28.101:A | A | 0.2822 | 3994 |
| 11 chrUn28.105:A | A | 0.1075 | 4000 |
| 11 chrUn28.109:A | G | 0.103 | 4008 |
| 11 chrUn28.114:A | A | 0.4775 | 4008 |
| 11 chrUn28.117(G | A | 0.3517 | 3992 |
| 11 chrUn28.125:A | G | 0.1292 | 4002 |
| 11 chrD2.75207:A | G | 0.2281 | 4002 |
| 11 chrD2.75145:A | G | 0.03794 | 4006 |
| 11 chrD2.75119(G | A | 0.1311 | 3996 |
| 11 chrD2.75078:C | A | 0.2177 | 4006 |
| 11 chrUn.75902:A | G | 0.2418 | 4000 |
| 11 chrD2.75020:A | A | 0.1482 | 3988 |
| 11 chrD2.74944(A | G | 0.1052 | 4000 |
| 11 chrD2.74879:A | G | 0.3769 | 3982 |
| 11 chrD2.74856:A | G | 0.4908 | 3932 |
| 11 chrD2.74786:A | G | 0.2962 | 3994 |
| 11 chrD2.74730(A | G | 0.03643 | 4008 |
| 11 chrD2.74651:A | G | 0.3733 | 4002 |
| 11 chrD2.74590:A | A | 0.3071 | 3992 |
| 11 chrD2.74556:A | C | 0.1762 | 3962 |
| 11 chrD2.74507:A | G | 0.0907 | 4002 |
| 11 chrD2.74473:A | A | 0.4814 | 3988 |
| 11 chrUn.11717:A | G | 0.03867 | 4008 |
| 11 chrUn.63444:A | C | 0.3208 | 3656 |
| 11 chrD2.74389:A | G | 0.3495 | 3994 |
| 11 chrD2.74364:A | G | 0.1995 | 3994 |
| 11 chrD2.74329:A | C | 0.1443 | 3998 |
| 11 chrD2.74305(A | G | 0.1435 | 4008 |
| 11 chrD2.74259:A | G | 0.2586 | 3990 |
| 11 chrD2.74234:A | G | 0.1952 | 4002 |
| 11 chrD2.74175:A | G | 0.07343 | 4004 |
| 11 chrD2.74136:C | A | 0.086 | 4000 |
| 11 chrD2.74065:A | G | 0.1225 | 3870 |
| 11 chrD2.74041:A | G | 0.4957 | 3996 |

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| 11 chrD2.74013(C | A | 0.06291 | 3974 |
| 11 chrD2.73981(A | G | 0.2798 | 3938 |
| 11 chrD2.73948(C | A | 0.07003 | 3984 |
| 11 chrD2.73919(G | A | 0.07468 | 4004 |
| 11 chrD2.73895(G | A | 0.1069 | 3946 |
| 11 chrD2.73741(A | G | 0.1932 | 4002 |
| 11 chrD2.73706(A | G | 0.1155 | 3906 |
| 11 chrD2.73674(C | A | 0.1921 | 4004 |
| 11 chrD2.73631(G | A | 0.1054 | 3986 |
| 11 chrD2.73597(A | G | 0.1998 | 4004 |
| 11 chrD2.73532(G | A | 0.3034 | 3992 |
| 11 chrD2.73480(A | G | 0.3289 | 3992 |
| 11 chrD2.73453(A | G | 0.1615 | 4000 |
| 11 chrD2.73407(G | A | 0.2039 | 4006 |
| 11 chrD2.73383(A | G | 0.1429 | 4002 |
| 11 chrD2.73356(G | A | 0.4498 | 3984 |
| 11 chrD2.73186(G | A | 0.258 | 4004 |
| 11 chrD2.73155(C | A | 0.2469 | 3994 |
| 11 chrD2.73120(A | C | 0.2193 | 3972 |
| 11 chrD2.73075(A | G | 0.4885 | 3986 |
| 11 chrD2.73051(C | A | 0.1603 | 4004 |
| 11 chrD2.72985(A | G | 0.2801 | 3992 |
| 11 chrD2.72958(G | A | 0.3848 | 3994 |
| 11 chrD2.72927(A | G | 0.2902 | 3976 |
| 11 chrD2.72882(G | A | 0.2898 | 3996 |
| 11 chrD2.72849(C | A | 0.2415 | 4004 |
| 11 chrD2.72786(G | A | 0.2383 | 4004 |
| 11 chrD2.72750(G | G | 0 | 4008 |
| 11 chrD2.72813(A | G | 0.2294 | 3988 |
| 11 chrD2.72737(A | C | 0.02424 | 4002 |
| 11 chrD2.72610(G | A | 0.231 | 4000 |
| 11 chrD2.72532(G | A | 0.1096 | 4006 |
| 11 chrD2.72500(G | A | 0.271 | 4008 |
| 11 chrD2.72393(G | A | 0.2703 | 3996 |
| 11 chrD2.72424(G | A | 0.1531 | 3978 |
| 11 chrD2.72364(G | A | 0.3317 | 3796 |
| 11 chrD2.72265(G | A | 0.1574 | 4008 |
| 11 chrD2.72209(A | C | 0.2933 | 3992 |
| 11 chrD2.72179(A | G | 0.06011 | 3926 |
| 11 chrD2.72146(A | C | 0.01055 | 3982 |
| 11 chrD2.72061(A | C | 0.4852 | 3998 |

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| 11 chrD2.72010(A | G | 0.2881 | 3946 |
| 11 chrD2.71983(A | G | 0.479 | 3956 |
| 11 chrD2.71962(A | A | 0.4305 | 3998 |
| 11 chrD2.71945(A | A | 0.1133 | 3988 |
| 11 chrD2.71906(A | G | 0.0928 | 3944 |
| 11 chrD2.71864(A | G | 0.1408 | 4000 |
| 11 chrD2.71831(A | C | 0.2574 | 3974 |
| 11 chrD2.71796(A | G | 0.1162 | 3986 |
| 11 chrD2.71769(A | C | 0.2114 | 4006 |
| 11 chrD2.71732(A | A | 0.1861 | 3998 |
| 11 chrD2.71704(A | G | 0.1765 | 4000 |
| 11 chrD2.71657(A | G | 0.1388 | 3998 |
| 11 chrD2.71565(A | G | 0.0928 | 3998 |
| 11 chrD2.71501(A | C | 0.4074 | 3996 |
| 11 chrD2.71440(A | G | 0.267 | 3970 |
| 11 chrD2.71412(A | A | 0.376 | 3944 |
| 11 chrD2.71354(A | G | 0.1877 | 3980 |
| 11 chrD2.71315(A | A | 0.4875 | 3992 |
| 11 chrD2.71275(A | A | 0.1606 | 3998 |
| 11 chrD2.71232(A | A | 0.3971 | 3964 |
| 11 chrD2.71053(A | A | 0.149 | 4008 |
| 11 chrUn.48982(A | A | 0.04893 | 4006 |
| 11 chrD2.71022(A | G | 0.3031 | 3920 |
| 11 chrD2.70966(A | G | 0.2282 | 3970 |
| 11 chrD2.70938(A | A | 0.4135 | 3988 |
| 11 chrD2.70903(A | G | 0.2356 | 4002 |
| 11 chrD2.70861(A | A | 0.4542 | 3994 |
| 11 chrD2.70815(A | C | 0.1299 | 3958 |
| 11 chrD2.70789(A | A | 0.1103 | 3998 |
| 11 chrD2.70765(A | A | 0.09632 | 3966 |
| 11 chrUn.50018(A | G | 0.2832 | 3948 |
| 11 chrUn.37671(A | A | 0.2263 | 3994 |
| 11 chrD2.70719(A | G | 0.1122 | 4002 |
| 11 chrD2.70654(A | A | 0.2169 | 3974 |
| 11 chrD2.70624(A | A | 0.2295 | 4008 |
| 11 chrD2.70553(A | A | 0.001255 | 3984 |
| 11 chrD2.70521(A | G | 0.3412 | 3998 |
| 11 chrD2.70491(A | A | 0.3776 | 3988 |
| 11 chrD2.70436(A | A | 0.3182 | 3884 |
| 11 chrD2.70369(A | G | 0.1862 | 3990 |
| 11 chrD2.70260(A | G | 0.2579 | 3966 |

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|-----------------|---|-----|---------|------|
| 11 chrD2.702347 | A | G | 0.05564 | 4008 |
| 11 chrD2.701736 | A | G | 0.3792 | 3998 |
| 11 chrD2.701367 | C | A | 0.2574 | 3986 |
| 11 chrD2.700865 | G | A | 0.433 | 4000 |
| 11 chrD2.700264 | A | C | 0.1422 | 4000 |
| 11 chrD2.699775 | A | G | 0.1833 | 3998 |
| 11 chrD2.699364 | A | G | 0.1378 | 3926 |
| 11 chrD2.699090 | C | A | 0.1673 | 4000 |
| 11 chrD2.698687 | A | G | 0.2831 | 3998 |
| 11 chrD2.698314 | A | G | 0.3 | 3900 |
| 11 chrD2.697625 | A | G | 0.2949 | 3974 |
| 11 chrD2.697054 | C | A | 0.2382 | 3938 |
| 11 chrD2.696665 | G | A | 0.2825 | 3968 |
| 11 chrD2.695925 | G | A | 0.2185 | 4004 |
| 11 chrD2.695655 | A | G | 0.1284 | 3988 |
| 11 chrD2.695095 | A | G | 0.1813 | 3994 |
| 11 chrD2.694815 | A | G | 0.1866 | 3934 |
| 11 chrD2.694385 | C | A | 0.2244 | 3988 |
| 11 chrD2.694015 | G | A | 0.3733 | 4002 |
| 11 chrD2.693265 | G | A | 0.3526 | 3996 |
| 11 chrD2.692656 | A | G | 0.1721 | 3626 |
| 11 chrD2.692534 | A | G | 0.1279 | 3996 |
| 11 chrUn28.1295 | A | G | 0.2183 | 4008 |
| 11 chrUn28.1344 | C | A | 0.3569 | 3990 |
| 11 chrUn28.1396 | A | G | 0.03919 | 3700 |
| 11 chrUn28.1436 | A | G | 0.1588 | 3992 |
| 11 chrD2.752725 | A | G | 0.2281 | 3980 |
| 11 chrD2.753015 | A | G | 0.1965 | 3994 |
| 11 chrB4.158525 | G | A | 0.00325 | 4000 |
| 11 chrD2.753317 | A | G | 0.2024 | 3998 |
| 11 chrD2.753586 | A | G | 0.45 | 4004 |
| 11 chrD2.753897 | A | G | 0.0984 | 4004 |
| 11 chrD2.754226 | G | A | 0.1141 | 3996 |
| 11 chrD2.754825 | A | G | 0.2594 | 4002 |
| 11 chrD2.755395 | A | G | 0.3768 | 3864 |
| 11 chrD2.756136 | A | G | 0.4159 | 4006 |
| 11 chrD2.756385 | A | G | 0.3881 | 3984 |
| 11 chrD2.756937 | G | A | 0.3268 | 3996 |
| 11 chrD1.137020 | C | A | 0.4233 | 3988 |
| 11 chrD2.757475 | A | 0 A | 0 | 4010 |
| 11 chrD2.757787 | A | G | 0.436 | 4002 |

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| 11 chrD2.758027G | A | 0.07834 | 4008 |
| 11 chrD2.758527G | A | 0.3174 | 3992 |
| 11 chrD2.758957G | A | 0.1613 | 4004 |
| 11 chrD2.759417G | A | 0.121 | 3984 |
| 11 chrD2.759957A | G | 0.3975 | 3982 |
| 11 chrD2.760227A | G | 0.17 | 4000 |
| 11 chrD2.760767A | G | 0.3394 | 3954 |
| 11 chrD2.761217G | A | 0.2046 | 4002 |
| 11 chrD2.762077G | A | 0.1315 | 4000 |
| 11 chrD2.762317G | A | 0.2053 | 3862 |
| 11 chrUn.249607A | G | 0.2274 | 3856 |
| 11 chrD2.762967A | C | 0.1651 | 4010 |
| 11 chrD2.763227A | G | 0.4985 | 3954 |
| 11 chrD2.763997G | A | 0.03831 | 3654 |
| 11 chrD2.764287A | G | 0.07521 | 4002 |
| 11 chrD2.764667A | G | 0.05569 | 4004 |
| 11 chrC1.202697C | A | 0.3877 | 3982 |
| 11 chrD2.765207A | G | 0.363 | 4008 |
| 11 chrD2.765937A | G | 0.3157 | 3998 |
| 11 chrD2.766097A | G | 0.4955 | 4002 |
| 11 chrD2.766987G | A | 0.4235 | 3936 |
| 11 chrD2.766507A | G | 0.1994 | 4008 |
| 11 chrD2.767627A | G | 0.15 | 3994 |
| 11 chrD2.769207G | A | 0.3568 | 4000 |
| 11 chrD2.769287A | G | 0.1812 | 3996 |
| 11 chrD2.770507A | G | 0.1716 | 4004 |
| 11 chrD2.770977G | A | 0.4907 | 3994 |
| 11 chrD2.771467G | A | 0.2391 | 3998 |
| 11 chrD2.771737G | A | 0.1738 | 4004 |
| 11 chrD2.771997C | A | 0.2811 | 3974 |
| 11 chrD2.772317G | A | 0.0005 | 4000 |
| 11 chrD2.772797A | G | 0.1265 | 4008 |
| 11 chrD2.773697A | G | 0.1206 | 3996 |
| 11 chrD2.774787A | G | 0.3273 | 3908 |
| 11 chrD2.775357A | G | 0.1548 | 3998 |
| 11 chrD2.776027A | G | 0.01661 | 3914 |
| 11 chrD2.776267A | G | 0.3943 | 3994 |
| 11 chrD2.777387G | A | 0.1046 | 4006 |
| 11 chrD2.777647G | A | 0.3911 | 4004 |
| 11 chrD2.777977A | G | 0.4855 | 4000 |
| 11 chrD2.778317A | C | 0.1266 | 3966 |

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|-----------------|---|---|----------|------|
| 11 chrD2.778784 | A | G | 0.3507 | 3998 |
| 11 chrD2.779073 | A | G | 0.1478 | 4006 |
| 11 chrD2.779633 | G | A | 0.4587 | 3998 |
| 11 chrD2.780504 | A | C | 0.4009 | 3986 |
| 11 chrD2.780741 | G | A | 0.1521 | 3946 |
| 11 chrD2.781048 | A | G | 0.2076 | 3994 |
| 11 chrD2.781454 | A | G | 0.2451 | 4002 |
| 11 chrD2.781735 | G | A | 0.05862 | 3958 |
| 11 chrD2.782006 | G | A | 0.001765 | 3966 |
| 11 chrD2.782831 | C | A | 0.489 | 4006 |
| 11 chrD2.783103 | A | C | 0.2015 | 3976 |
| 11 chrD2.783370 | C | A | 0.422 | 3936 |
| 11 chrD2.783967 | A | G | 0.1055 | 3888 |
| 11 chrD2.784327 | C | A | 0.4875 | 4000 |
| 11 chrD2.784604 | A | G | 0.323 | 4000 |
| 11 chrD2.785389 | G | A | 0.4892 | 3998 |
| 11 chrD2.785904 | A | G | 0.1556 | 3990 |
| 11 chrD2.786294 | G | A | 0.07468 | 4004 |
| 11 chrD2.786626 | A | G | 0.02072 | 3958 |
| 11 chrD2.787001 | A | G | 0.2751 | 4002 |
| 11 chrD2.787627 | G | A | 0.06197 | 3792 |
| 11 chrD2.788149 | A | G | 0.04357 | 3994 |
| 11 chrD2.788504 | G | A | 0.07093 | 4004 |
| 11 chrD2.788931 | A | G | 0.09905 | 3988 |
| 11 chrD2.789214 | A | G | 0.05058 | 3994 |
| 11 chrD2.789420 | G | A | 0.002249 | 4002 |
| 11 chrD2.790148 | A | G | 0.1415 | 4006 |
| 11 chrD2.790941 | A | G | 0.1276 | 4006 |
| 11 chrD2.791749 | A | G | 0.4455 | 3814 |
| 11 chrD2.792194 | G | A | 0.04467 | 3940 |
| 11 chrD2.793369 | G | A | 0.04736 | 3970 |
| 11 chrD2.793714 | A | G | 0.4475 | 4002 |
| 11 chrD2.794094 | A | G | 0.04666 | 4008 |
| 11 chrD2.794443 | A | G | 0.3044 | 3912 |
| 11 chrD2.795000 | A | G | 0.1597 | 3894 |
| 11 chrD2.795414 | A | G | 0.2419 | 3972 |
| 11 chrD2.796071 | A | G | 0.3533 | 3878 |
| 11 chrD2.796671 | A | G | 0.05078 | 3998 |
| 11 chrD2.797015 | G | A | 0.02696 | 4006 |
| 11 chrD2.797248 | A | G | 0.1633 | 4006 |
| 11 chrD2.797704 | A | C | 0.2895 | 4004 |

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| 11 chrD2.79830 | C | 0.4562 | 3952 |
| 11 chrD2.79861 | A | 0.4027 | 3948 |
| 11 chrD2.79952 | A | 0.07864 | 3802 |
| 11 chrD2.79954 | G | 0.04471 | 4004 |
| 11 chrD2.80060 | G | 0.1074 | 4004 |
| 11 chrD2.80083 | G | 0.01548 | 4006 |
| 11 chrD2.80148 | G | 0.4873 | 4000 |
| 11 chrD2.80183 | G | 0.2112 | 4006 |
| 11 chrD2.80215 | G | 0.4189 | 3982 |
| 11 chrD2.80282 | A | 0.4071 | 3994 |
| 11 chrD2.80314 | A | 0.1184 | 3892 |
| 11 chrD2.80348 | A | 0.02643 | 4010 |
| 11 chrD2.80378 | C | 0.274 | 4004 |
| 11 chrD2.80439 | A | 0.1218 | 3818 |
| 11 chrD2.80526 | A | 0.137 | 4006 |
| 11 chrD2.80577 | C | 0.1202 | 3970 |
| 11 chrD2.80624 | G | 0.157 | 3986 |
| 11 chrD2.80651 | G | 0.1395 | 3992 |
| 11 chrD2.80689 | A | 0.1416 | 4004 |
| 11 chrD2.80717 | A | 0.2288 | 4000 |
| 11 chrD2.80820 | G | 0.2706 | 4006 |
| 11 chrD2.80862 | G | 0.2377 | 3958 |
| 11 chrD2.80900 | G | 0.01626 | 3998 |
| 11 chrD2.80929 | G | 0.08897 | 3990 |
| 11 chrD2.81002 | A | 0.4926 | 3902 |
| 11 chrD2.81077 | G | 0.1513 | 3992 |
| 11 chrD2.81115 | G | 0.1062 | 4002 |
| 11 chrD2.81146 | A | 0.2459 | 3986 |
| 11 chrD2.81196 | G | 0.1569 | 3978 |
| 11 chrD2.81240 | G | 0.21 | 4004 |
| 11 chrD2.81271 | G | 0.3817 | 3946 |
| 11 chrUn.70598 | A | 0.3708 | 4002 |
| 11 chrD2.81310 | G | 0.4367 | 3998 |
| 11 chrD2.81335 | G | 0.01597 | 4008 |
| 11 chrD2.81377 | G | 0.3019 | 3866 |
| 11 chrD2.81425 | G | 0.1819 | 3980 |
| 11 chrD2.81482 | G | 0.2102 | 3886 |
| 11 chrD2.81529 | A | 0.3638 | 4002 |
| 11 chrD2.81534 | G | 0.3278 | 4008 |
| 11 chrD2.81555 | A | 0.3892 | 4008 |
| 11 chrD2.81661 | G | 0.2329 | 4010 |

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| 11 chrD2.81700(A | G | 0.06314 | 3880 |
| 11 chrD2.81740(A | G | 0.05413 | 3972 |
| 11 chrD2.81806(A | G | 0.3492 | 3960 |
| 11 chrD2.81833(A | G | 0.05866 | 4006 |
| 11 chrD2.81856(A | A | 0.2216 | 4002 |
| 11 chrD2.81893(A | A | 0.3383 | 3970 |
| 11 chrD2.81919(A | A | 0.4523 | 4008 |
| 11 chrD2.81992(A | G | 0.1119 | 4002 |
| 11 chrD2.82030(A | G | 0.07158 | 3856 |
| 11 chrD2.82085(A | G | 0.469 | 4004 |
| 11 chrD2.82173(A | A | 0.0922 | 4002 |
| 11 chrD2.82265(A | G | 0.4902 | 3992 |
| 11 chrD2.82318(A | A | 0.1452 | 3884 |
| 11 chrD2.82407(A | G | 0.3818 | 3968 |
| 11 chrD2.82434(A | C | 0.3393 | 4000 |
| 11 chrD2.82524(A | A | 0.2251 | 3998 |
| 11 chrD2.82578(A | A | 0.3276 | 3980 |
| 11 chrD2.82631(A | A | 0.3655 | 3986 |
| 11 chrD2.82669(A | A | 0.1729 | 3812 |
| 11 chrD2.82710(A | A | 0.2546 | 3998 |
| 11 chrD2.82786(A | G | 0.1097 | 4002 |
| 11 chrD2.82811(A | G | 0.2181 | 3952 |
| 11 chrD2.82848(A | G | 0.1122 | 3868 |
| 11 chrD2.82944(A | A | 0.07854 | 3998 |
| 11 chrD2.82994(A | C | 0.1591 | 4004 |
| 11 chrD2.83027(A | A | 0.139 | 4006 |
| 11 chrD2.83079(A | G | 0.2072 | 4006 |
| 11 chrD2.83109(A | G | 0.1688 | 3980 |
| 11 chrD2.83147(A | G | 0.2756 | 3796 |
| 11 chrD2.83173(A | A | 0.2189 | 3998 |
| 11 chrD2.83225(A | A | 0.04538 | 3856 |
| 11 chrD2.83256(A | G | 0.3609 | 3982 |
| 11 chrD2.83297(A | G | 0.2505 | 3988 |
| 11 chrD2.83323(A | G | 0.146 | 3992 |
| 11 chrD2.83355(A | C | 0.01075 | 4000 |
| 11 chrD2.83361(A | G | 0.09888 | 3934 |
| 11 chrD2.83389(A | A | 0.4378 | 4004 |
| 11 chrD2.83425(A | A | 0.2646 | 4002 |
| 11 chrD2.83470(A | G | 0.3766 | 3994 |
| 11 chrD2.83507(A | G | 0.2378 | 3944 |
| 11 chrD2.83560(A | G | 0.2446 | 4006 |

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|-----------------|---|-----|-----------|------|
| 11 chrD2.83588: | A | G | 0.3993 | 3972 |
| 11 chrD2.83677: | A | G | 0.02204 | 3812 |
| 11 chrD2.83684: | A | 0 G | 0 | 4006 |
| 11 chrD2.83783: | G | A | 0.08616 | 4004 |
| 11 chrD2.83808: | C | A | 0.3883 | 4002 |
| 11 chrD2.83856: | G | A | 0.208 | 4000 |
| 11 chrD2.83898: | A | G | 0.4156 | 3992 |
| 11 chrD2.83926: | A | G | 0.1101 | 4004 |
| 11 chrUn.17226: | G | A | 0.4934 | 3966 |
| 11 chrD2.84042: | A | C | 0.3701 | 3994 |
| 11 chrD2.84091: | A | G | 0.2576 | 4010 |
| 11 chrD2.84127: | C | A | 0.2856 | 3998 |
| 11 chrD2.84130: | G | A | 0.01248 | 4008 |
| 11 chrD2.84178: | A | G | 0.1447 | 3808 |
| 11 chrD2.84228: | G | A | 0.1131 | 3996 |
| 11 chrD2.84274: | G | A | 0.004741 | 4008 |
| 11 chrD2.84316: | A | C | 0.1513 | 4004 |
| 11 chrD2.84387: | C | A | 0.01248 | 4008 |
| 11 chrD2.84462: | C | A | 0.0695 | 4000 |
| 11 chrD2.84498: | C | A | 0.02097 | 4006 |
| 11 chrE2.22825: | C | A | 0.2962 | 3990 |
| 11 chrD2.84526: | G | A | 0.1041 | 3996 |
| 11 chrD2.84563: | G | A | 0.01451 | 3998 |
| 11 chrD2.84592: | A | G | 0.01946 | 4008 |
| 11 chrD2.84777: | G | A | 0.2303 | 3994 |
| 11 chrD2.84831: | G | A | 0.3864 | 3998 |
| 11 chrD2.84873: | A | C | 0.1233 | 3998 |
| 11 chrD2.84911: | G | A | 0.1719 | 4008 |
| 11 chrD2.84952: | G | A | 0.1846 | 4004 |
| 11 chrD2.84953: | A | G | 0.0005013 | 3990 |
| 11 chrD2.84958: | A | G | 0.149 | 3986 |
| 11 chrD2.84997: | G | A | 0.3146 | 3996 |
| 11 chrD2.85036: | G | A | 0.4558 | 3956 |
| 11 chrD2.85043: | G | 0 A | 0 | 4010 |
| 11 chrD2.85089: | G | A | 0.0825 | 4000 |
| 11 chrD2.85115: | G | A | 0.07783 | 3996 |
| 11 chrD2.85249: | A | C | 0.458 | 4002 |
| 11 chrD2.85280: | G | A | 0.2571 | 4006 |
| 11 chrD2.85308: | G | A | 0.004024 | 3976 |
| 11 chrD2.85353: | A | G | 0.3623 | 4002 |
| 11 chrD2.85387: | A | G | 0.2004 | 4006 |

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| 11 chrD2.85421G | A | 0.05862 | 3992 |
| 11 chrD2.85524A | G | 0.082 | 3988 |
| 11 chrD2.85548A | G | 0.05442 | 4006 |
| 11 chrD2.85572A | G | 0.2338 | 4004 |
| 11 chrD2.85598A | G | 0.03598 | 4002 |
| 11 chrD2.85628A | G | 0.345 | 3980 |
| 11 chrD2.85690G | A | 0.4915 | 4004 |
| 11 chrD2.85744G | A | 0.1202 | 4010 |
| 11 chrD2.85773A | G | 0.2149 | 4002 |
| 11 chrD2.85800C | A | 0.249 | 3996 |
| 11 chrD2.85828C | A | 0.3123 | 3890 |
| 11 chrD2.85876C | A | 0.06923 | 3900 |
| 11 chrD2.85944G | A | 0.2321 | 4002 |
| 11 chrD2.85977G | A | 0.2197 | 4006 |
| 11 chrD2.86024G | A | 0.08542 | 3992 |
| 11 chrD2.86071G | A | 0.07805 | 4010 |
| 11 chrD2.86100G | A | 0.1168 | 4006 |
| 11 chrD2.86161A | C | 0.1976 | 3992 |
| 11 chrD2.86190A | G | 0.1056 | 4004 |
| 11 chrD2.86234A | G | 0.001748 | 4004 |
| 11 chrD2.86262G | A | 0.2384 | 3872 |
| 11 chrD2.86294A | G | 0.00201 | 3980 |
| 11 chrD2.86381C | A | 0.461 | 3946 |
| 11 chrD2.86439G | A | 0.4228 | 3886 |
| 11 chrD2.86449G | A | 0.004332 | 3924 |
| 11 chrD2.86501A | C | 0.3318 | 3906 |
| 11 chrD2.86573A | G | 0.1549 | 4008 |
| 11 chrD2.86600A | G | 0.09036 | 3984 |
| 11 chrD2.86671C | A | 0.1608 | 3818 |
| 11 chrD2.86757A | G | 0.483 | 4004 |
| 11 chrD2.86809G | A | 0.3239 | 3998 |
| 11 chrD2.86839A | G | 0.0881 | 3916 |
| 11 chrD2.86885A | C | 0.4538 | 3938 |
| 11 chrD2.86953A | G | 0.1303 | 3990 |
| 11 chrD2.86978G | A | 0.3834 | 4004 |
| 11 chrD2.87080A | G | 0.04312 | 3850 |
| 11 chrD2.87121G | A | 0.3019 | 3982 |
| 11 chrD2.87148A | G | 0.02826 | 3998 |
| 11 chrD2.87192A | G | 0.2976 | 4002 |
| 11 chrD2.87231C | A | 0.3013 | 3930 |
| 11 chrD2.87263A | G | 0.02071 | 4008 |

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| 11 chrD2.872961 | G | A | 0.05863 | 4008 |
| 11 chrD2.873841 | G | A | 0.3602 | 4006 |
| 11 chrD2.874831 | A | G | 0.1334 | 4004 |
| 11 chrD2.875461 | G | A | 0.3927 | 3950 |
| 11 chrD2.875941 | A | G | 0.09885 | 3996 |
| 11 chrD2.876691 | A | G | 0.1857 | 4002 |
| 11 chrD2.877921 | G | A | 0.171 | 3994 |
| 11 chrD2.878331 | A | G | 0.3016 | 4002 |
| 11 chrD2.878631 | G | A | 0.06165 | 3990 |
| 11 chrD2.879354 | G | A | 0.1899 | 4002 |
| 11 chrD2.880031 | G | A | 0.3302 | 3998 |
| 11 chrD2.880431 | A | G | 0.009232 | 4008 |
| 11 chrD2.880751 | A | G | 0.4166 | 4004 |
| 11 chrD2.881131 | G | A | 0.2456 | 3998 |
| 11 chrD2.881161 | G | A | 0.4123 | 3878 |
| 11 chrD2.881461 | A | G | 0.2242 | 3840 |
| 11 chrD2.882221 | A | G | 0.4705 | 3894 |
| 11 chrD2.883104 | G | A | 0.2169 | 4006 |
| 11 chrD2.882581 | G | A | 0.4197 | 3998 |
| 11 chrD2.884151 | A | G | 0.1144 | 4004 |
| 11 chrD2.884451 | A | G | 0.001496 | 4010 |
| 11 chrD2.884951 | A | G | 0.2622 | 4004 |
| 11 chrD2.885471 | G | A | 0.1638 | 3784 |
| 11 chrD2.885711 | A | G | 0.1248 | 4006 |
| 11 chrD2.885961 | A | G | 0.4033 | 3990 |
| 11 chrD2.885971 | G | A | 0.008028 | 3986 |
| 11 chrD2.886391 | G | A | 0.2486 | 4002 |
| 11 chrD2.887101 | A | G | 0.4005 | 3998 |
| 11 chrD2.887641 | G | A | 0.2037 | 3986 |
| 11 chrD2.888021 | A | G | 0.1914 | 3992 |
| 11 chrD2.888341 | A | G | 0.2391 | 3994 |
| 11 chrD2.888661 | G | A | 0.2968 | 3996 |
| 11 chrD2.889041 | A | G | 0.1254 | 4010 |
| 11 chrD2.889941 | G | A | 0.2774 | 3990 |
| 11 chrD2.890324 | G | A | 0.09624 | 3990 |
| 11 chrD2.890701 | A | G | 0.1904 | 4002 |
| 11 chrD2.890971 | A | G | 0.3931 | 3940 |
| 11 chrD2.891921 | A | G | 0.09275 | 4000 |
| 11 chrD2.892414 | G | A | 0.4218 | 3992 |
| 11 chrD2.892841 | G | A | 0.2843 | 3992 |
| 11 chrD2.893081 | A | G | 0.3113 | 3996 |

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| 11 chrD2.89339†A | G | 0.2209 | 4006 |
| 11 chrD2.89450‡A | G | 0.1055 | 3942 |
| 11 chrD2.89488‡A | G | 0.06241 | 4006 |
| 11 chrD2.89512‡A | C | 0.241 | 4008 |
| 11 chrD2.89569‡A | G | 0.1454 | 3934 |
| 11 chrD2.89619‡G | A | 0.4461 | 4008 |
| 11 chrD2.89649‡ | 0 G | 0 | 4000 |
| 11 chrD2.89657‡A | G | 0.3193 | 4002 |
| 11 chrD2.89750‡G | A | 0.08979 | 3998 |
| 11 chrD2.89777‡G | A | 0.2196 | 4008 |
| 11 chrD2.89853‡G | A | 0.1988 | 3994 |
| 11 chrD2.89898‡A | G | 0.1813 | 3994 |
| 11 chrD2.89917‡G | A | 0.4181 | 3970 |
| 11 chrD2.89937‡G | A | 0.03145 | 4006 |
| 11 chrD2.89950‡G | A | 0.338 | 3968 |
| 11 chrD2.89962‡A | G | 0.46 | 4002 |
| 11 chrD2.90045‡A | G | 0.3981 | 3994 |
| 11 chrD2.90097‡A | G | 0.4621 | 3986 |
| 11 chrD2.90167‡G | A | 0.199 | 3994 |
| 11 chrD2.90215‡A | G | 0.2807 | 3976 |
| 11 chrD2.90281‡A | G | 0.2098 | 3994 |
| 11 chrD2.90329‡A | G | 0.1713 | 3992 |
| 11 chrD2.90359‡A | G | 0.2362 | 3996 |
| 11 chrD2.90479‡A | G | 0.3374 | 3998 |
| 11 chrD2.90512‡G | A | 0.2796 | 3998 |
| 11 chrD2.90539‡C | A | 0.3677 | 4006 |
| 11 chrD2.90592‡A | G | 0.3397 | 4006 |
| 11 chrD2.90630‡G | A | 0.4424 | 3996 |
| 11 chrD2.90703‡G | A | 0.3496 | 3996 |
| 11 chrD2.90736‡A | G | 0.1864 | 4008 |
| 11 chrD2.90791‡A | G | 0.2098 | 3942 |
| 11 chrD2.90829‡A | G | 0.1908 | 3894 |
| 11 chrD2.90838‡ | 0 A | 0 | 4010 |
| 11 chrD2.90863‡G | A | 0.1618 | 4004 |
| 11 chrUn.25344‡G | A | 0.3205 | 3994 |
| 11 chrD2.90893‡G | A | 0.4577 | 3992 |
| 11 chrD2.91000‡A | G | 0.3263 | 4002 |
| 11 chrD2.91090‡A | G | 0.02081 | 3796 |
| 11 chrD2.91168‡A | G | 0.232 | 3620 |
| 11 chrD2.91238‡A | G | 0.4189 | 3994 |
| 11 chrD2.91264‡A | G | 0.2925 | 3822 |

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| 11 chrD2.91311{G | A | 0.1617 | 4002 |
| 11 chrD2.91356{A | G | 0.211 | 4004 |
| 11 chrD2.91385{G | A | 0.213 | 4010 |
| 11 chrD2.91480{A | C | 0.3114 | 3982 |
| 11 chrD2.91500{G | A | 0.02672 | 4004 |
| 11 chrD2.91510{G | A | 0.1632 | 4002 |
| 11 chrD2.91592{G | A | 0.2576 | 4002 |
| 11 chrD2.91640{A | G | 0.19 | 3916 |
| 11 chrD2.91696{G | A | 0.3808 | 4000 |
| 11 chrD2.91767{A | G | 0.4568 | 4004 |
| 11 chrD2.91805{C | A | 0.1883 | 4004 |
| 11 chrD2.91848{G | A | 0.1938 | 4004 |
| 11 chrD2.91895{G | A | 0.2684 | 3942 |
| 11 chrD2.91919{A | G | 0.1298 | 3968 |
| 11 chrD2.91963{A | G | 0.2122 | 4006 |
| 11 chrD2.92000{G | A | 0.1491 | 3856 |
| 11 chrD2.92099{A | G | 0.1668 | 3974 |
| 11 chrD2.92190{G | A | 0.05262 | 3896 |
| 11 chrD2.92240{G | A | 0.0538 | 3978 |
| 11 chrD2.92286{C | A | 0.0576 | 3906 |
| 11 chrD2.92324{G | A | 0.2698 | 3996 |
| 11 chrD2.92383{A | G | 0.06294 | 3988 |
| 11 chrD2.92413{A | G | 0.01228 | 3990 |
| 11 chrD2.92460{A | G | 0.05625 | 4000 |
| 11 chrD2.92494{A | G | 0.1771 | 4004 |
| 11 chrD2.92530{A | G | 0.054 | 4000 |
| 11 chrD2.92577{A | G | 0.01878 | 3940 |
| 11 chrD2.92609{A | G | 0.03919 | 4006 |
| 11 chrD2.92671{A | G | 0.1711 | 3898 |
| 11 chrD2.92729{A | G | 0.03763 | 3986 |
| 11 chrD2.92771{G | A | 0.4967 | 3992 |
| 11 chrD2.92804{G | A | 0.3592 | 3992 |
| 11 chrD2.92842{A | G | 0.005997 | 4002 |
| 11 chrD2.92857{A | G | 0.2634 | 3998 |
| 11 chrD2.92882{A | G | 0.1984 | 3992 |
| 11 chrD2.92957{A | G | 0.02897 | 4004 |
| 11 chrD2.93007{A | G | 0.0273 | 3992 |
| 11 chrD2.93082{A | G | 0.06144 | 4004 |
| 11 chrD2.93109{A | G | 0.02072 | 4006 |
| 11 chrD2.93136{A | G | 0.4947 | 3984 |
| 11 chrD2.93163{C | A | 0.002509 | 3986 |

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|-------------------|---|---------|------|
| 11 chrD2.932111:A | G | 0.2249 | 3650 |
| 11 chrD2.932398:A | C | 0.1809 | 3964 |
| 11 chrD2.933009:G | A | 0.03761 | 3776 |
| 11 chrD2.933259:A | G | 0.3234 | 3952 |
| 11 chrD2.933680:C | A | 0.3856 | 3986 |
| 11 chrD2.934059:A | G | 0.2153 | 3952 |
| 11 chrD2.934111:A | G | 0.07959 | 4008 |
| 11 chrD2.934531:A | C | 0.02185 | 3890 |
| 11 chrD2.935051:A | G | 0.2176 | 4008 |
| 11 chrD2.935419:A | G | 0.1696 | 3992 |
| 11 chrD2.936501:A | C | 0.3083 | 3918 |
| 11 chrD2.936771:G | A | 0.4667 | 3930 |
| 11 chrD2.937201:C | A | 0.1687 | 3948 |
| 11 chrD2.937450:A | G | 0.2941 | 3998 |
| 11 chrD2.937901:A | G | 0.07929 | 3960 |
| 11 chrD2.938060:A | G | 0.3937 | 4000 |
| 11 chrD2.938331:A | G | 0.3237 | 3994 |
| 11 chrD2.938761:A | G | 0.4817 | 3998 |
| 11 chrD2.939239:A | C | 0.07132 | 3996 |
| 11 chrD2.939540:A | C | 0.1413 | 3992 |
| 11 chrD2.939911:A | G | 0.2878 | 3982 |
| 11 chrD2.940300:A | C | 0.1685 | 4000 |
| 11 chrD2.940650:G | A | 0.1832 | 3996 |
| 11 chrD2.940981:A | G | 0.124 | 3984 |
| 11 chrD2.941241:G | A | 0.1386 | 3996 |
| 11 chrD2.941720:C | A | 0.4878 | 3942 |
| 11 chrD2.942278:A | C | 0.08567 | 3992 |
| 11 chrD2.942771:G | A | 0.02613 | 3980 |
| 11 chrD2.943448:G | A | 0.4006 | 4006 |
| 11 chrD2.944061:C | A | 0.2161 | 3998 |
| 11 chrD2.944331:A | G | 0.3579 | 3954 |
| 11 chrD2.944741:G | A | 0.07744 | 3874 |
| 11 chrD2.945231:A | C | 0.1624 | 4002 |
| 11 chrUn.187551:G | A | 0.01215 | 3786 |
| 11 chrD2.947301:A | G | 0.312 | 4010 |
| 11 chrD2.947611:A | G | 0.09066 | 4004 |
| 11 chrD2.947931:A | C | 0.4415 | 3946 |
| 11 chrD2.948219:A | G | 0.1543 | 3974 |
| 11 chrD2.948620:A | G | 0.2653 | 3988 |
| 11 chrD2.949311:G | A | 0.2445 | 4004 |
| 11 chrD2.950131:A | C | 0.04692 | 3794 |

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| 11 chrD2.950547G | A | 0.4831 | 3914 |
| 11 chrD2.950819A | G | 0.2877 | 4000 |
| 11 chrD2.951237A | G | 0.1479 | 3996 |
| 11 chrD2.951509A | G | 0.2111 | 4002 |
| 11 chrD2.951560G | A | 0.2385 | 3988 |
| 11 chrD2.951860A | G | 0.02622 | 3852 |
| 11 chrD2.952290A | G | 0.1359 | 4002 |
| 11 chrD2.953029A | G | 0.2252 | 3978 |
| 11 chrD2.953514A | G | 0.2257 | 3956 |
| 11 chrD2.953864G | A | 0.194 | 4000 |
| 11 chrD2.954499G | A | 0.4336 | 3902 |
| 11 chrD2.954760A | C | 0.2919 | 3994 |
| 11 chrD2.955100G | A | 0.3247 | 3998 |
| 11 chrD2.955497G | A | 0.04898 | 4002 |
| 11 chrD2.955738A | C | 0.4107 | 3998 |
| 11 chrD2.956008C | A | 0.4256 | 3994 |
| 11 chrD2.956409G | A | 0.1484 | 3996 |
| 11 chrD2.956957C | A | 0.2716 | 4010 |
| 11 chrD2.957310C | A | 0.1076 | 4004 |
| 11 chrD2.957617C | A | 0.2286 | 4002 |
| 11 chrD2.958209G | A | 0.497 | 4004 |
| 11 chrD2.958884A | G | 0.1036 | 3996 |
| 11 chrD2.959048G | A | 0.271 | 3764 |
| 11 chrD2.959297G | A | 0.05572 | 4002 |
| 11 chrD2.959769G | A | 0.4785 | 3994 |
| 11 chrD2.960228A | G | 0.1801 | 3960 |
| 11 chrD2.960589A | G | 0.1233 | 4006 |
| 11 chrD2.961297A | G | 0.02683 | 3764 |
| 11 chrD2.962269A | G | 0.2151 | 3886 |
| 11 chrD2.962517C | A | 0.1055 | 3924 |
| 11 chrD2.963067A | G | 0.1561 | 3978 |
| 11 chrD2.963670A | 0 A | 0 | 4008 |
| 11 chrD2.963759A | G | 0.4725 | 3996 |
| 11 chrD2.964210G | A | 0.1479 | 3874 |
| 11 chrD2.964548G | A | 0.05887 | 3924 |
| 11 chrD2.965269A | G | 0.06365 | 4006 |
| 11 chrD2.965670G | A | 0.3811 | 3996 |
| 11 chrD2.965977A | G | 0.3736 | 3988 |
| 11 chrD2.966317A | C | 0.4553 | 3980 |
| 11 chrD2.966647A | G | 0.1152 | 3994 |
| 11 chrD2.967207A | G | 0.1781 | 3998 |

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| 11 chrD2.96770(A | G | 0.3591 | 3982 |
| 11 chrD2.96813(A | G | 0.1491 | 3996 |
| 11 chrD2.96855(A | G | 0.4193 | 3990 |
| 11 chrD2.96879(A | C | 0.2349 | 3980 |
| 11 chrD2.96907(G | A | 0.1696 | 4004 |
| 11 chrD2.96959(G | A | 0.03195 | 4006 |
| 11 chrD2.96967(G | A | 0.328 | 4000 |
| 11 chrD2.97029(G | A | 0.05813 | 4008 |
| 11 chrD2.97089(C | A | 0.08283 | 4008 |
| 11 chrD2.97205(A | G | 0.3279 | 3992 |
| 11 chrD2.97270(C | A | 0.03255 | 3994 |
| 11 chrD2.97317(A | G | 0.0007485 | 4008 |
| 11 chrD2.97355(C | A | 0.4211 | 3906 |
| 11 chrD2.97385(C | A | 0.4368 | 3956 |
| 11 chrD2.97421(A | G | 0.3027 | 3994 |
| 11 chrD2.97437(A | G | 0.001746 | 4010 |
| 11 chrD2.97476(A | G | 0.4334 | 3994 |
| 11 chrD2.97523(A | G | 0.1855 | 4006 |
| 11 chrD2.97600(G | A | 0.3293 | 4002 |
| 11 chrD2.97680(G | A | 0.3088 | 4002 |
| 11 chrD2.97703(G | A | 0.4299 | 3964 |
| 11 chrD2.97747(A | C | 0.4864 | 3980 |
| 11 chrB1.14321(A | G | 0.0962 | 4002 |
| 11 chrD2.97829(G | A | 0.1626 | 3978 |
| 11 chrD2.97871(G | A | 0.3009 | 4004 |
| 11 chrD2.97927(A | G | 0.192 | 3984 |
| 11 chrD2.97955(A | G | 0.1247 | 3994 |
| 11 chrD2.98036(G | A | 0.4325 | 4002 |
| 11 chrD2.98087(A | G | 0.2574 | 4002 |
| 11 chrD2.98130(C | A | 0.1515 | 3882 |
| 11 chrD2.98140(A | G | 0.02147 | 4006 |
| 11 chrD2.98170(A | G | 0.1783 | 4004 |
| 11 chrD2.98206(A | G | 0.3208 | 3968 |
| 11 chrD2.98253(G | A | 0.4506 | 3986 |
| 11 chrD2.98333(A | G | 0.1464 | 3784 |
| 11 chrD2.98371(A | G | 0.3951 | 4004 |
| 11 chrD2.98407(G | A | 0.148 | 3972 |
| 11 chrD2.98465(C | A | 0.1972 | 3976 |
| 11 chrD2.98503(G | A | 0.3796 | 4002 |
| 11 chrUn.22148(G | C | 0.4217 | 3652 |
| 11 chrD2.98544(A | G | 0.4193 | 3954 |

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| 11 chrD2.985876 | A | 0.08256 | 3900 |
| 11 chrD2.986235 | C | 0.001761 | 3974 |
| 11 chrD2.986685 | G | 0.17 | 3854 |
| 11 chrD2.986976 | G | 0.2841 | 3992 |
| 11 chrD2.987295 | A | 0.2534 | 4002 |
| 11 chrD2.987844 | A | 0.4626 | 3982 |
| 11 chrD2.989325 | G | 0.2412 | 4000 |
| 11 chrD2.989617 | A | 0.4412 | 4000 |
| 11 chrD2.989941 | G | 0.09426 | 4010 |
| 11 chrD2.990376 | A | 0.3938 | 3972 |
| 11 chrD2.991046 | G | 0.1252 | 4002 |
| 11 chrD2.991415 | G | 0.3252 | 3788 |
| 11 chrD2.991664 | C | 0.4204 | 3980 |
| 11 chrD2.992297 | A | 0.4014 | 4006 |
| 11 chrUn.454746 | A | 0.1566 | 4004 |
| 11 chrD2.992785 | G | 0.4769 | 3990 |
| 11 chrD2.993287 | A | 0.1985 | 3954 |
| 11 chrD2.993635 | A | 0.1312 | 3666 |
| 11 chrD2.994227 | G | 0.1556 | 4010 |
| 11 chrD2.994568 | G | 0.04846 | 3962 |
| 11 chrD2.994946 | A | 0.1949 | 3996 |
| 11 chrD2.995234 | A | 0.1837 | 4006 |
| 11 chrD2.995105 | C | 0.1531 | 4004 |
| 11 chrD2.995586 | A | 0.2365 | 3988 |
| 11 chrD2.995915 | A | 0.2233 | 3954 |
| 11 chrD2.996346 | G | 0.03686 | 3988 |
| 11 chrD2.996665 | G | 0.4769 | 3986 |
| 11 chrD2.997038 | G | 0.3018 | 3956 |
| 11 chrD2.997305 | G | 0.346 | 3962 |
| 11 chrD2.997716 | A | 0.1237 | 4010 |
| 11 chrD2.998135 | A | 0.4927 | 3998 |
| 11 chrD2.998505 | A | 0.4046 | 4006 |
| 11 chrD2.999085 | A | 0.2212 | 3982 |
| 11 chrD2.999326 | C | 0.0758 | 3958 |
| 11 chrD2.999778 | G | 0.07742 | 4004 |
| 11 chrD2.100007 | A | 0.3206 | 3968 |
| 11 chrD2.100031 | G | 0.2878 | 3964 |
| 11 chrD2.100105 | C | 0.4177 | 3998 |
| 11 chrD2.100138 | G | 0.03822 | 3794 |
| 11 chrD2.100187 | A | 0.05544 | 3986 |
| 11 chrD2.100248 | A | 0.1807 | 3996 |

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| 11 chrD2.100319C | A | 0.3579 | 3990 |
| 11 chrD2.100357G | A | 0.06506 | 3904 |
| 11 chrD2.100387C | A | 0.148 | 3992 |
| 11 chrX.4501775A | C | 0.2228 | 3990 |
| 11 chrD2.100497C | A | 0.1855 | 4000 |
| 11 chrD2.100529A | G | 0.04764 | 3988 |
| 11 chrD2.100609G | A | 0.08566 | 4004 |
| 11 chrD2.100617A | G | 0.3855 | 3894 |
| 11 chrD2.100694G | A | 0.08201 | 3646 |
| 11 chrD2.100729A | G | 0.1984 | 3986 |
| 11 chrD2.100797A | G | 0.3501 | 4004 |
| 11 chrD2.100817G | A | 0.03721 | 4004 |
| 11 chrD2.100858A | G | 0.46 | 3954 |
| 11 chrD2.100869G | A | 0.4274 | 3650 |
| 11 chrD2.100909A | G | 0.4439 | 3972 |
| 11 chrD2.100947G | A | 0.2919 | 3998 |
| 11 chrD2.101054A | G | 0.4835 | 4000 |
| 11 chrD2.101109A | G | 0.4445 | 4002 |
| 11 chrD2.101136G | A | 0.2266 | 4002 |
| 11 chrD2.101178A | G | 0.1152 | 3976 |
| 11 chrD2.101256C | A | 0.4015 | 4002 |
| 11 chrD2.101329G | A | 0.01747 | 4008 |
| 11 chrD2.101369G | A | 0.2024 | 3998 |
| 11 chrD2.101514A | G | 0.02469 | 4010 |
| 11 chrD2.101568A | G | 0.1846 | 3992 |
| 11 chrD2.101618A | G | 0.3127 | 3978 |
| 11 chrD2.101654G | A | 0.1976 | 3998 |
| 11 chrD2.101697A | G | 0.04491 | 4008 |
| 11 chrD2.101718A | G | 0.2149 | 3988 |
| 11 chrD2.101759A | G | 0.02325 | 4000 |
| 11 chrD2.101817G | A | 0.388 | 3918 |
| 11 chrD2.101874A | C | 0.1955 | 3974 |
| 11 chrA1.209647A | G | 0.2906 | 3944 |
| 11 chrA1.209657A | G | 0.2614 | 4006 |
| 11 chrA1.209759A | G | 0.4028 | 4004 |
| 11 chrD2.101959C | A | 0.255 | 3996 |
| 11 chrA1.209857A | G | 0.1248 | 4000 |
| 11 chrA1.209917A | G | 0.1838 | 3988 |
| 11 chrA1.209989G | A | 0.3454 | 3920 |
| 11 chrD2.102069A | G | 0.4625 | 3996 |
| 11 chrA1.210108A | G | 0.04573 | 4002 |

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| 11 chrD2.102134G | A | 0.3208 | 4006 |
| 11 chrD2.102173A | G | 0.06412 | 3696 |
| 11 chrD2.102286G | A | 0.2167 | 4006 |
| 11 chrD2.102317G | A | 0.1447 | 4002 |
| 11 chrD2.102343G | A | 0.3585 | 4000 |
| 11 chrD2.102371A | G | 0.3203 | 4006 |
| 11 chrD2.102414C | A | 0.07487 | 3980 |
| 11 chrD2.102441A | G | 0.0694 | 3934 |
| 11 chrD2.102527A | G | 0.1313 | 3976 |
| 11 chrD2.102566G | A | 0.2817 | 3962 |
| 11 chrD2.102593A | G | 0.3182 | 3988 |
| 11 chrD2.102678A | C | 0.003994 | 4006 |
| 11 chrD2.102718A | G | 0.4265 | 3998 |
| 11 chrD2.102747G | A | 0.4559 | 3994 |
| 11 chrD2.102793G | A | 0.01557 | 3982 |
| 11 chrD2.102888G | A | 0.0565 | 4000 |
| 11 chrD2.102896G | A | 0.2472 | 4000 |
| 11 chrD2.102914A | G | 0.2824 | 4002 |
| 11 chrD2.102967A | G | 0.1661 | 3962 |
| 11 chrD2.102998A | G | 0.09403 | 3818 |
| 11 chrD2.103041A | G | 0.3911 | 3674 |
| 11 chrD2.103098G | A | 0.1536 | 3900 |
| 11 chrD2.103186A | G | 0.1923 | 4000 |
| 11 chrD2.103219C | A | 0.05308 | 3768 |
| 11 chrD2.103248A | G | 0.000499 | 4008 |
| 11 chrD2.103323G | A | 0.3194 | 3992 |
| 11 chrD2.103357G | A | 0.194 | 3958 |
| 11 chrD2.103389G | A | 0.2385 | 3996 |
| 11 chrD2.103426A | G | 0.2455 | 3988 |
| 11 chrD2.103479G | A | 0.2026 | 3968 |
| 11 chrD2.103507G | A | 0.2293 | 3994 |
| 11 chrD2.103511A | C | 0.3822 | 3946 |
| 11 chrD2.103567G | A | 0.1155 | 3990 |
| 11 chrD2.103588G | A | 0.387 | 3984 |
| 11 chrD2.103637G | A | 0.2794 | 3976 |
| 11 chrD2.103664C | A | 0.2027 | 4000 |
| 11 chrD2.103736A | G | 0.2206 | 3966 |
| 11 chrD2.103807A | G | 0.0807 | 3990 |
| 11 chrD2.103847G | A | 0.0332 | 4006 |
| 11 chrD2.103881C | A | 0.2768 | 3996 |
| 11 chrD2.103917G | A | 0.3217 | 3994 |

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|----------------|---|---|----------|------|
| 11 chrD2.10397 | G | A | 0.07539 | 3966 |
| 11 chrD2.10400 | A | G | 0.4962 | 3996 |
| 11 chrD2.10405 | A | C | 0.002993 | 4010 |
| 11 chrD2.10408 | C | A | 0.04808 | 3806 |
| 11 chrD2.10415 | G | A | 0.1527 | 4000 |
| 11 chrD2.10423 | C | A | 0.2836 | 3988 |
| 11 chrD2.10426 | G | A | 0.1637 | 4008 |
| 11 chrD2.10429 | A | G | 0.1507 | 3994 |
| 11 chrD2.10434 | G | A | 0.2235 | 4000 |
| 11 chrD2.10437 | G | A | 0.06319 | 4004 |
| 11 chrD2.10438 | G | A | 0.209 | 3990 |
| 11 chrD2.10443 | G | A | 0.2115 | 3990 |
| 11 chrUn.56971 | C | A | 0.1564 | 4010 |
| 11 chrD2.10447 | A | G | 0.1793 | 3948 |
| 11 chrD2.10451 | A | C | 0.1023 | 3948 |
| 11 chrD2.10458 | C | A | 0.4153 | 4002 |
| 11 chrD2.10459 | A | C | 0.09519 | 3866 |
| 11 chrD2.10462 | G | A | 0.1458 | 3998 |
| 11 chrD2.10465 | A | G | 0.07792 | 4004 |
| 11 chrD2.10470 | G | A | 0.2758 | 3996 |
| 11 chrD2.10473 | A | G | 0.1549 | 3892 |
| 11 chrD2.10483 | G | A | 0.1734 | 4002 |
| 11 chrD2.10487 | A | G | 0.2474 | 3998 |
| 11 chrD2.10490 | A | G | 0.2842 | 3972 |
| 11 chrD2.10492 | A | G | 0.4248 | 3990 |
| 11 chrD2.10497 | C | A | 0.0932 | 4002 |
| 11 chrD2.10502 | A | G | 0.1111 | 3952 |
| 11 chrD2.10521 | A | G | 0.3831 | 3994 |
| 11 chrD2.10525 | A | G | 0.1062 | 3636 |
| 11 chrD2.10528 | A | G | 0.393 | 4000 |
| 11 chrD2.10531 | A | G | 0.03896 | 3978 |
| 11 chrD2.10542 | A | G | 0.3769 | 3988 |
| 11 chrD2.10545 | A | G | 0.003053 | 3930 |
| 11 chrD2.10555 | A | G | 0.1141 | 3996 |
| 11 chrD2.10562 | A | G | 0.1665 | 4000 |
| 11 chrD2.10564 | G | A | 0.04767 | 3986 |
| 11 chrD2.10568 | A | G | 0.3659 | 3990 |
| 11 chrD2.10571 | A | G | 0.08497 | 3978 |
| 11 chrD2.10574 | A | G | 0.4268 | 4002 |
| 11 chrD2.10579 | A | G | 0.2965 | 3960 |
| 11 chrD2.10589 | G | A | 0.01999 | 4002 |

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|----------------|---|---|---------|------|
| 11 chrD2.10593 | A | G | 0.2409 | 4002 |
| 11 chrD2.10596 | A | G | 0.3148 | 3984 |
| 11 chrD2.10602 | C | A | 0.4253 | 4004 |
| 11 chrD2.10605 | A | G | 0.04101 | 3828 |
| 11 chrD2.10610 | C | A | 0.04638 | 4010 |
| 11 chrE3.40976 | A | G | 0.3676 | 4004 |
| 11 chrD2.10613 | A | G | 0.1905 | 3984 |
| 11 chrD2.10620 | A | G | 0.3056 | 4002 |
| 11 chrD2.10626 | G | A | 0.09835 | 3996 |
| 11 chrD2.10628 | A | G | 0.158 | 4006 |
| 11 chrD2.10636 | G | A | 0.189 | 3830 |
| 11 chrD2.10651 | A | G | 0.3799 | 4006 |
| 11 chrD2.10653 | A | G | 0.4213 | 3978 |
| 11 chrD2.10659 | A | G | 0.4864 | 3978 |
| 11 chrD2.10669 | G | A | 0.08279 | 4010 |
| 11 chrD2.10667 | G | A | 0.01121 | 3836 |
| 11 chrD2.10675 | G | A | 0.3367 | 3944 |
| 11 chrD2.10678 | G | A | 0.4603 | 4002 |
| 11 chrD2.10680 | A | G | 0.4543 | 4000 |
| 11 chrD2.10684 | A | G | 0.3237 | 3998 |
| 11 chrD2.10687 | A | G | 0.04541 | 3986 |
| 11 chrD2.10692 | A | G | 0.3076 | 4002 |
| 11 chrD2.10696 | A | G | 0.1864 | 3992 |
| 11 chrD2.10700 | G | A | 0.01751 | 3998 |
| 11 chrD2.10704 | A | G | 0.1178 | 3898 |
| 11 chrD2.10706 | G | A | 0.495 | 3986 |
| 11 chrD2.10708 | A | G | 0.3605 | 4000 |
| 11 chrD2.10711 | A | G | 0.4199 | 3996 |
| 11 chrD2.10714 | G | A | 0.3468 | 3800 |
| 11 chrD2.10717 | A | G | 0.05851 | 3760 |
| 11 chrD2.10721 | A | G | 0.1953 | 3998 |
| 11 chrD2.10723 | A | G | 0.4712 | 3996 |
| 11 chrD2.10726 | A | G | 0.07521 | 4002 |
| 11 chrD2.10729 | A | G | 0.233 | 4000 |
| 11 chrD2.10732 | C | A | 0.2906 | 3998 |
| 11 chrD2.10737 | G | A | 0.04868 | 4006 |
| 11 chrD2.10745 | A | G | 0.04261 | 3990 |
| 11 chrD2.10750 | A | G | 0.3876 | 3994 |
| 11 chrD2.10756 | A | G | 0.4315 | 3986 |
| 11 chrD2.10761 | A | A | 0.3246 | 3992 |
| 11 chrD2.10765 | A | C | 0.317 | 3990 |

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| 11 chrD2.107717A | G | 0.0575 | 4000 |
| 11 chrD2.107849A | G | 0.1295 | 3992 |
| 11 chrD2.108029G | A | 0.2345 | 3988 |
| 11 chrD2.108068G | A | 0.4018 | 4004 |
| 11 chrD2.108119A | C | 0.1301 | 3974 |
| 11 chrD2.108227A | G | 0.05158 | 3994 |
| 11 chrD2.108259A | G | 0.02661 | 3796 |
| 11 chrD2.108279A | G | 0.1408 | 3992 |
| 11 chrD2.108327A | G | 0.4251 | 3914 |
| 11 chrD2.108359A | C | 0.2721 | 3760 |
| 11 chrD2.108389A | G | 0.3172 | 3998 |
| 11 chrD2.108447A | G | 0.2763 | 3970 |
| 11 chrD2.108420A | G | 0.3708 | 3886 |
| 11 chrD2.108489G | A | 0.2605 | 3996 |
| 11 chrD2.108558A | G | 0.1106 | 3998 |
| 11 chrD2.108649G | A | 0.2987 | 3980 |
| 11 chrD2.108689A | G | 0.4172 | 3972 |
| 11 chrD2.108708A | G | 0.414 | 3988 |
| 11 chrD2.108719G | A | 0.4047 | 3956 |
| 11 chrD2.108747A | G | 0.1134 | 3916 |
| 11 chrD2.108778G | A | 0.3487 | 4006 |
| 11 chrD2.108917A | G | 0.3128 | 3776 |
| 11 chrD2.108986G | A | 0.1873 | 4004 |
| 11 chrD2.109027A | G | 0.3591 | 3990 |
| 11 chrD2.109070A | G | 0.4835 | 3944 |
| 11 chrD2.109099G | A | 0.06172 | 4002 |
| 11 chrD2.109129A | C | 0.2008 | 3884 |
| 11 chrD2.109149G | A | 0.1283 | 3992 |
| 11 chrD2.109209C | A | 0.4283 | 3988 |
| 11 chrD2.109249G | A | 0.4323 | 4004 |
| 11 chrD2.109309G | A | 0.2494 | 4006 |
| 11 chrD2.109370C | A | 0.1602 | 4002 |
| 11 chrD2.109409G | A | 0.191 | 4000 |
| 11 chrD2.109448A | C | 0.3525 | 3974 |
| 11 chrD2.109479C | A | 0.3868 | 3904 |
| 11 chrD2.109516G | A | 0.3712 | 3992 |
| 11 chrD2.109547G | A | 0.3164 | 3992 |
| 11 chrD2.109579G | A | 0.1587 | 4002 |
| 11 chrD2.109597A | G | 0.4091 | 3926 |
| 11 chrD2.109639C | A | 0.23 | 3996 |
| 11 chrD2.109668A | G | 0.07789 | 3890 |

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| 11 chrD2.10977{G | A | 0.1133 | 4008 |
| 11 chrD2.10982{A | C | 0.4943 | 4006 |
| 11 chrD2.10985{A | G | 0.06169 | 4004 |
| 11 chrD2.10988{A | C | 0.1155 | 3992 |
| 11 chrD2.10991{G | A | 0.02254 | 3948 |
| 11 chrD2.10996{A | G | 0.4665 | 4004 |
| 11 chrD2.10998{A | G | 0.3803 | 4002 |
| 11 chrD2.11001{C | A | 0.4607 | 3994 |
| 11 chrD2.11007{A | G | 0.2938 | 3938 |
| 11 chrD2.11013{G | A | 0.09645 | 4002 |
| 11 chrUn34.323{G | A | 0.3507 | 3946 |
| 11 chrD2.11017{A | G | 0.2442 | 3988 |
| 11 chrD2.11021{G | A | 0.1191 | 4004 |
| 11 chrD2.11029{A | G | 0.1097 | 4010 |
| 11 chrD2.11032{A | G | 0.2966 | 4002 |
| 11 chrD2.11035{A | G | 0.2103 | 4004 |
| 11 chrD2.11038{A | C | 0.4624 | 3986 |
| 11 chrD2.11040{G | A | 0.05322 | 4002 |
| 11 chrD2.11042{ | 0 A | 0 | 4010 |
| 11 chrD2.11043{A | G | 0.09191 | 4004 |
| 11 chrD2.11047{A | G | 0.0395 | 4000 |
| 11 chrD2.11051{A | G | 0.03069 | 4008 |
| 11 chrD2.11054{A | G | 0.08721 | 4002 |
| 11 chrD2.11059{G | A | 0.3786 | 3922 |
| 11 chrD2.11062{A | G | 0.02358 | 3986 |
| 11 chrD2.11065{A | G | 0.3932 | 3988 |
| 11 chrD2.11070{A | G | 0.05553 | 3998 |
| 11 chrD2.11073{A | G | 0.3539 | 3916 |
| 11 chrD2.11074{C | A | 0.4816 | 3860 |
| 11 chrD2.11077{A | G | 0.1434 | 4002 |
| 11 chrD2.11085{A | G | 0.4925 | 4002 |
| 11 chrD2.11086{G | A | 0.01573 | 4004 |
| 11 chrD2.11087{G | A | 0.04995 | 3984 |
| 11 chrD2.11092{G | A | 0.06091 | 4006 |
| 11 chrD2.11096{A | C | 0.1628 | 3992 |
| 11 chrD2.11110{G | A | 0.2448 | 4000 |
| 11 chrD2.11113{G | A | 0.06037 | 3992 |
| 11 chrD2.11120{A | G | 0.08629 | 3940 |
| 11 chrD2.11123{G | A | 0.1765 | 4000 |
| 11 chrD2.11127{C | A | 0.417 | 3998 |
| 11 chrD2.11134{A | G | 0.1857 | 4006 |

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|----------------|---|----------|------|
| 11 chrD2.11139 | G | 0.1893 | 3998 |
| 11 chrD2.11144 | A | 0.003255 | 3994 |
| 11 chrD2.11150 | A | 0.2596 | 3956 |
| 11 chrD2.11155 | G | 0.4017 | 3996 |
| 11 chrD2.11157 | A | 0.2006 | 3994 |
| 11 chrD2.11171 | G | 0.284 | 4000 |
| 11 chrD2.11174 | G | 0.01742 | 3732 |
| 11 chrD2.11179 | C | 0.3508 | 3826 |
| 11 chrD2.11183 | A | 0.4307 | 3998 |
| 11 chrD2.11189 | G | 0.09476 | 4010 |
| 11 chrD2.11194 | A | 0.4334 | 3966 |
| 11 chrD2.11198 | G | 0.06929 | 3940 |
| 11 chrD2.11203 | G | 0.2505 | 3968 |
| 11 chrD2.11211 | A | 0.2399 | 3998 |
| 11 chrD2.11214 | A | 0.1537 | 4002 |
| 11 chrD2.11216 | G | 0.1132 | 3992 |
| 11 chrD2.11219 | A | 0.1731 | 3986 |
| 11 chrD2.11223 | A | 0.2499 | 4002 |
| 11 chrD2.11226 | C | 0.02545 | 4008 |
| 11 chrD2.11229 | C | 0.3596 | 3874 |
| 11 chrD2.11231 | G | 0.3247 | 3994 |
| 11 chrD2.11234 | G | 0.158 | 3962 |
| 11 chrD2.11239 | C | 0.3629 | 3974 |
| 11 chrD2.11242 | G | 0.2841 | 4006 |
| 11 chrD2.11246 | G | 0.3293 | 3984 |
| 11 chrD2.11247 | A | 0.4334 | 3992 |
| 11 chrD2.11254 | A | 0.3201 | 3946 |
| 11 chrD2.11263 | G | 0.1427 | 4002 |
| 11 chrD2.11266 | C | 0.1757 | 4006 |
| 11 chrD2.11279 | A | 0.06217 | 3828 |
| 11 chrD2.11285 | G | 0.1741 | 3998 |
| 11 chrD2.11287 | G | 0.08354 | 4010 |
| 11 chrD2.11299 | G | 0.2008 | 4004 |
| 11 chrD2.11306 | G | 0.3662 | 3910 |
| 11 chrD2.11311 | G | 0.1922 | 3996 |
| 11 chrD2.11317 | A | 0.4174 | 3994 |
| 11 chrD2.11321 | G | 0.01988 | 3974 |
| 11 chrD2.11324 | A | 0.1804 | 3974 |
| 11 chrD2.11330 | G | 0.2247 | 3966 |
| 11 chrD2.11335 | G | 0.1827 | 3968 |
| 11 chrD2.11340 | C | 0.1713 | 4004 |

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| 11 chrD2.11345(G | A | 0.4992 | 3992 |
| 11 chrD2.11348(A | G | 0.01541 | 3958 |
| 11 chrD2.11349(A | G | 0.1953 | 4004 |
| 11 chrD2.11352(A | A | 0.1035 | 4008 |
| 11 chrD2.11356(A | G | 0.2214 | 4002 |
| 11 chrD2.11361(G | A | 0.3954 | 3986 |
| 11 chrD2.11364(A | G | 0.1683 | 4010 |
| 11 chrD2.11369(A | G | 0.004496 | 4004 |
| 11 chrD2.11381(A | G | 0.3804 | 3998 |
| 11 chrD2.11385(A | G | 0.3618 | 3964 |
| 11 chrD2.11390(A | G | 0.4447 | 4000 |
| 11 chrD2.11397(A | G | 0.1961 | 4004 |
| 11 chrD2.11401(A | G | 0.07243 | 4004 |
| 11 chrD2.11405(A | G | 0.0702 | 3946 |
| 11 chrD2.11409(A | G | 0.3052 | 3984 |
| 11 chrD2.11412(G | A | 0.4838 | 3952 |
| 11 chrD2.11415(G | A | 0.4788 | 4004 |
| 11 chrD2.11418(A | G | 0.05242 | 3892 |
| 11 chrD2.11425(G | A | 0.2596 | 3956 |
| 11 chrD2.11428(A | G | 0.1422 | 3882 |
| 11 chrD2.11435(A | G | 0.148 | 4000 |
| 11 chrD2.11439(G | A | 0.3652 | 3992 |
| 11 chrD2.11443(G | A | 0.1156 | 3988 |
| 11 chrD2.11446(G | A | 0.3565 | 4000 |
| 11 chrD2.11450(A | G | 0.4317 | 3908 |
| 11 chrD2.11453(A | G | 0.4407 | 4000 |
| 11 chrD2.11457(G | A | 0.2712 | 4000 |
| 11 chrD2.11458(C | A | 0.469 | 3938 |
| 11 chrD2.11462(G | A | 0.1698 | 4004 |
| 11 chrD2.11465(G | A | 0.4144 | 4008 |
| 11 chrD2.11467(A | G | 0.1668 | 3992 |
| 11 chrD2.11473(G | A | 0.1344 | 3988 |
| 11 chrD2.11475(A | G | 0.05519 | 4004 |
| 11 chrD2.11480(A | G | 0.38 | 4000 |
| 11 chrD2.11483(A | G | 0.02231 | 3990 |
| 11 chrD2.11487(A | C | 0.2109 | 3982 |
| 11 chrD2.11492(A | G | 0.4812 | 3992 |
| 11 chrD2.11495(A | G | 0.2887 | 3990 |
| 11 chrD2.11500(G | A | 0.3415 | 3982 |
| 11 chrD2.11504(A | G | 0.03844 | 4006 |
| 11 chrD2.11508(A | G | 0.4447 | 3886 |

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| 11 chrD2.11520:A | G | 0.1526 | 3992 |
| 11 chrD2.11524(A | G | 0.234 | 3884 |
| 11 chrD2.11526(A | G | 0.2206 | 3908 |
| 11 chrD2.11530(A | G | 0.1894 | 4002 |
| 11 chrD2.11537(G | A | 0.131 | 3932 |
| 11 chrD2.11539(A | G | 0.04518 | 4006 |
| 11 chrD2.11541:G | A | 0.3322 | 3956 |
| 11 chrD2.11545:A | G | 0.2832 | 4008 |
| 11 chrD2.11548(G | A | 0.1114 | 4002 |
| 11 chrD2.11555(A | G | 0.2321 | 3994 |
| 11 chrD2.11558:A | G | 0.06394 | 4004 |
| 11 chrD2.11561:G | A | 0.09225 | 4000 |
| 11 chrD2.11567:A | G | 0.251 | 3932 |
| 11 chrD2.11571(A | C | 0.05887 | 3958 |
| 11 chrD2.11575(A | G | 0.03048 | 4002 |
| 11 chrD2.11580(A | C | 0.2283 | 3994 |
| 11 chrD2.11586(G | A | 0.3616 | 4004 |
| 11 chrD2.11595:A | G | 0.1168 | 3998 |
| 11 chrD2.11599:A | G | 0.07447 | 3988 |
| 11 chrD2.11602(G | A | 0.0267 | 4008 |
| 11 chrD2.11606(A | G | 0.1945 | 3994 |
| 11 chrD2.11609:A | G | 0.2874 | 4002 |
| 11 chrD2.11614:C | A | 0.3976 | 3994 |
| 11 chrD2.11619(A | G | 0.2836 | 3868 |
| 11 chrD2.11622(A | G | 0.2972 | 3964 |
| 11 chrD2.11630:A | G | 0.1781 | 4004 |
| 11 chrD2.11634:A | G | 0.1458 | 4000 |
| 11 chrD2.11638(A | G | 0.08731 | 3768 |
| 11 chrD2.11641(G | A | 0.3569 | 3996 |
| 11 chrD2.11646(G | A | 0.1103 | 3954 |
| 11 chrD2.11651(A | G | 0.0634 | 4006 |
| 11 chrD2.11654(G | A | 0.1411 | 4010 |
| 11 chrD2.11659(G | A | 0.1145 | 3886 |
| 11 chrD2.11657:A | G | 0.04764 | 3778 |
| 11 chrD2.11666(C | A | 0.4681 | 3952 |
| 11 chrD2.11673(G | A | 0.1344 | 4002 |
| 11 chrD2.11678(A | G | 0.284 | 3996 |
| 11 chrD2.11683(A | G | 0.4411 | 3974 |
| 11 chrD2.11685(A | G | 0.2223 | 3994 |
| 11 chrD2.11690:G | A | 0.4837 | 3866 |
| 11 chrD2.11694:C | A | 0.234 | 4008 |

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| 11 chrD2.117014A | G | 0.1208 | 3914 |
| 11 chrD2.117054A | G | 0.03577 | 3942 |
| 11 chrD2.117104G | A | 0.03987 | 3988 |
| 11 chrD2.117124A | G | 0.4195 | 3864 |
| 11 chrD2.117154A | G | 0.4276 | 3852 |
| 11 chrD2.117194A | G | 0.1032 | 3904 |
| 11 chrD2.117224G | A | 0.4463 | 3948 |
| 11 chrD2.117254A | G | 0.469 | 3966 |
| 11 chrD2.117284G | A | 0.1106 | 3998 |
| 11 chrD2.117334A | C | 0.1103 | 4006 |
| 11 chrD2.117414G | A | 0.05196 | 3830 |
| 11 chrD2.117464C | 0 G | 0 | 4002 |
| 11 chrD2.117464A | G | 0.2425 | 3984 |
| 11 chrD2.117574A | G | 0.02661 | 3984 |
| 11 chrUn28.1464A | G | 0.1803 | 3998 |
| 11 chrD2.117534A | C | 0.3711 | 3910 |
| 11 chrD2.117544A | G | 0.0002494 | 4010 |
| 11 chrD2.117614A | C | 0.4964 | 3942 |
| 11 chrUn28.1484A | G | 0.1998 | 3918 |
| 11 chrUn28.1514G | A | 0.02682 | 3990 |
| 11 chrUn28.1544A | G | 0.1589 | 3990 |
| 11 chrUn28.1564A | G | 0.04498 | 4002 |
| 11 chrUn28.1604G | A | 0.4842 | 3994 |
| 11 chrUn28.1664A | G | 0.3924 | 3958 |
| 11 chrUn28.1694G | A | 0.1573 | 4006 |
| 11 chrUn28.1724G | A | 0.3551 | 3968 |
| 11 chrUn28.1794G | A | 0.004278 | 3974 |
| 11 chrUn28.1804G | A | 0.1124 | 3888 |
| 12 chrD1.521604C | 0 A | 0 | 4006 |
| 12 chrUn26.1304C | A | 0.2592 | 3978 |
| 12 chrUn26.1484A | G | 0.1148 | 3858 |
| 12 chrUn26.1794C | A | 0.238 | 4000 |
| 12 chrUn26.2484G | A | 0.2266 | 3990 |
| 12 chrUn26.2744A | G | 0.4211 | 3992 |
| 12 chrUn26.3084A | C | 0.1494 | 3956 |
| 12 chrUn26.3444A | G | 0.1635 | 4006 |
| 12 chrUn26.4004A | G | 0.2249 | 3992 |
| 12 chrD3.20932 G | A | 0.1528 | 4004 |
| 12 chrD3.78647 A | C | 0.1509 | 4008 |
| 12 chrD3.138804A | G | 0.1578 | 4004 |
| 12 chrD3.172314A | G | 0.2005 | 3996 |

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| 12 chrD3.203981 | A | G | 0.2165 | 3926 |
| 12 chrD3.239464 | A | G | 0.3148 | 4006 |
| 12 chrD3.298606 | G | A | 0.345 | 3902 |
| 12 chrD3.323321 | G | A | 0.1642 | 3702 |
| 12 chrD3.362347 | A | G | 0.3742 | 3998 |
| 12 chrD3.420161 | A | G | 0.1963 | 3898 |
| 12 chrD3.446327 | A | C | 0.1637 | 3884 |
| 12 chrD3.480941 | G | A | 0.3164 | 3830 |
| 12 chrD3.534309 | A | G | 0.08809 | 3928 |
| 12 chrD3.577797 | A | G | 0.305 | 3924 |
| 12 chrD3.631857 | A | G | 0.2117 | 3958 |
| 12 chrD3.687281 | A | G | 0.1834 | 3894 |
| 12 chrD3.721491 | G | A | 0.4864 | 3982 |
| 12 chrD3.746181 | A | G | 0.1573 | 3986 |
| 12 chrD3.780759 | G | 0 G | 0 | 3992 |
| 12 chrD3.782251 | A | G | 0.08719 | 3934 |
| 12 chrD3.808241 | A | G | 0.1471 | 3896 |
| 12 chrD3.838041 | G | A | 0.1756 | 3980 |
| 12 chrD3.895191 | A | G | 0.3035 | 4000 |
| 12 chrD3.956997 | A | G | 0.2897 | 3952 |
| 12 chrD3.981021 | A | G | 0.4497 | 3978 |
| 12 chrD3.139361 | G | A | 0.4073 | 4002 |
| 12 chrD3.107001 | A | G | 0.4927 | 3818 |
| 12 chrD3.130231 | A | G | 0.4306 | 3962 |
| 12 chrD3.125631 | G | A | 0.3991 | 3976 |
| 12 chrD3.109861 | G | A | 0.2961 | 3998 |
| 12 chrD3.142654 | A | G | 0.3135 | 3958 |
| 12 chrD3.102381 | A | G | 0.08859 | 3962 |
| 12 chrD3.119281 | C | A | 0.3393 | 4002 |
| 12 chrD3.135971 | A | G | 0.1305 | 3962 |
| 12 chrD3.147791 | C | A | 0.3456 | 4002 |
| 12 chrD3.151131 | A | G | 0.3534 | 3976 |
| 12 chrD3.155721 | G | A | 0.2629 | 3968 |
| 12 chrD3.160281 | A | G | 0.308 | 3994 |
| 12 chrD3.166251 | G | A | 0.2987 | 3974 |
| 12 chrD3.169827 | A | G | 0.01933 | 3776 |
| 12 chrD3.172867 | A | G | 0.3923 | 3926 |
| 12 chrD3.176084 | G | A | 0.4746 | 3980 |
| 12 chrD3.180441 | A | G | 0.2809 | 3958 |
| 12 chrD3.183201 | A | G | 0.315 | 3984 |
| 12 chrD3.186851 | A | G | 0.3106 | 3992 |

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| 12 chrD3.189951 | G | A | 0.348 | 3994 |
| 12 chrD3.193931 | A | G | 0.007731 | 4010 |
| 12 chrD3.200531 | A | G | 0.1164 | 4004 |
| 12 chrD3.203861 | A | G | 0.4569 | 3994 |
| 12 chrD3.208171 | G | A | 0.3513 | 3880 |
| 12 chrD3.219301 | A | G | 0.1556 | 4004 |
| 12 chrD3.228071 | A | G | 0.1452 | 4000 |
| 12 chrD3.230881 | A | G | 0.2283 | 3978 |
| 12 chrD3.239871 | G | A | 0.1095 | 4008 |
| 12 chrD3.248571 | G | A | 0.4324 | 3876 |
| 12 chrD3.252371 | A | G | 0.02172 | 4006 |
| 12 chrD3.257271 | A | G | 0.145 | 3966 |
| 12 chrD3.260101 | A | G | 0.004284 | 3968 |
| 12 chrD3.262631 | G | A | 0.2072 | 4006 |
| 12 chrD3.265601 | G | A | 0.4727 | 3998 |
| 12 chrD3.266281 | C | A | 0.4724 | 3990 |
| 12 chrD3.272771 | A | G | 0.2376 | 4002 |
| 12 chrD3.275451 | A | G | 0.1238 | 4006 |
| 12 chrD3.279161 | G | A | 0.08471 | 4002 |
| 12 chrD3.281701 | A | G | 0.452 | 3996 |
| 12 chrD3.285431 | A | G | 0.1676 | 4010 |
| 12 chrD3.290841 | A | G | 0.3197 | 4004 |
| 12 chrD3.297211 | A | G | 0.000998 | 4008 |
| 12 chrD3.299901 | G | A | 0.4357 | 3994 |
| 12 chrD3.302431 | A | G | 0.1588 | 4006 |
| 12 chrD3.310341 | A | G | 0.4875 | 3990 |
| 12 chrD3.313831 | A | G | 0.3697 | 3992 |
| 12 chrD3.317821 | A | G | 0.06987 | 3936 |
| 12 chrD3.320751 | G | A | 0.3459 | 3998 |
| 12 chrD3.321221 | A | C | 0.0009995 | 4002 |
| 12 chrD3.326471 | A | G | 0.1175 | 4000 |
| 12 chrD3.330471 | G | A | 0.1332 | 3866 |
| 12 chrD3.334851 | A | G | 0.1067 | 4002 |
| 12 chrD3.334941 | A | G | 0.07625 | 3672 |
| 12 chrD3.340951 | G | A | 0.478 | 4002 |
| 12 chrD3.343481 | A | G | 0.06793 | 4004 |
| 12 chrD3.352131 | A | G | 0.4757 | 3992 |
| 12 chrD3.360651 | C | A | 0.2303 | 3986 |
| 12 chrD3.376001 | A | G | 0.01172 | 4010 |
| 12 chrD3.386011 | A | G | 0.01622 | 4008 |
| 12 chrD3.390731 | A | G | 0.06122 | 4002 |

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|----------------|---|---|----------|------|
| 12 chrD3.39476 | G | A | 0.2066 | 3950 |
| 12 chrD3.39756 | A | G | 0.307 | 4000 |
| 12 chrD3.41348 | G | A | 0.3185 | 3972 |
| 12 chrD3.41844 | G | A | 0.4447 | 3996 |
| 12 chrD3.42095 | G | A | 0.3369 | 3972 |
| 12 chrD3.42598 | A | G | 0.2708 | 4000 |
| 12 chrD3.43297 | A | G | 0.475 | 4004 |
| 12 chrD3.43827 | G | A | 0.1108 | 3936 |
| 12 chrD3.44394 | A | G | 0.2023 | 3934 |
| 12 chrD3.44929 | G | A | 0.4742 | 4000 |
| 12 chrD3.45182 | A | G | 0.3922 | 4006 |
| 12 chrD3.46202 | G | A | 0.4677 | 3996 |
| 12 chrD3.47023 | G | A | 0.1776 | 3998 |
| 12 chrD3.47676 | G | A | 0.0477 | 4004 |
| 12 chrD3.47967 | A | G | 0.1839 | 4008 |
| 12 chrD3.48372 | A | G | 0.258 | 4000 |
| 12 chrD3.48608 | A | G | 0.3303 | 3984 |
| 12 chrD3.48909 | G | A | 0.4004 | 4006 |
| 12 chrD3.49199 | A | G | 0.001259 | 3972 |
| 12 chrD3.49536 | C | A | 0.2187 | 4006 |
| 12 chrD3.50435 | A | C | 0.3533 | 3982 |
| 12 chrD3.50807 | A | G | 0.1036 | 3996 |
| 12 chrD3.51350 | A | G | 0.1803 | 4004 |
| 12 chrD3.51662 | G | A | 0.4328 | 4004 |
| 12 chrD3.52141 | G | A | 0.1767 | 4002 |
| 12 chrD3.52542 | A | G | 0.308 | 3948 |
| 12 chrD3.53089 | G | A | 0.38 | 3900 |
| 12 chrD3.53855 | A | G | 0.3876 | 3904 |
| 12 chrD3.54174 | G | A | 0.4827 | 3990 |
| 12 chrD3.54511 | A | G | 0.199 | 4006 |
| 12 chrD3.54843 | A | G | 0.2171 | 4008 |
| 12 chrD3.55204 | G | A | 0.01223 | 4006 |
| 12 chrD3.55538 | A | G | 0.3684 | 3936 |
| 12 chrD3.55829 | G | A | 0.3372 | 4004 |
| 12 chrD3.56129 | G | A | 0.1395 | 3992 |
| 12 chrD3.56529 | A | G | 0.1025 | 3972 |
| 12 chrD3.57218 | G | A | 0.1126 | 3998 |
| 12 chrD3.57505 | A | C | 0.2008 | 3954 |
| 12 chrD3.58101 | G | A | 0.3102 | 3978 |
| 12 chrD3.58882 | G | A | 0.3804 | 4004 |
| 12 chrD3.59303 | A | C | 0.4456 | 3862 |

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| 12 chrD3.595631C | A | 0.2774 | 3994 |
| 12 chrD3.598401A | G | 0.3273 | 4008 |
| 12 chrD3.606401G | A | 0.1162 | 3992 |
| 12 chrD3.609331A | G | 0.03472 | 4004 |
| 12 chrD3.616001A | G | 0.2418 | 4000 |
| 12 chrD3.621291A | G | 0.03125 | 3968 |
| 12 chrD3.626331A | G | 0.1537 | 4002 |
| 12 chrD3.630831A | G | 0.1276 | 4004 |
| 12 chrD3.634641G | A | 0.3359 | 3960 |
| 12 chrD3.637091C | A | 0.3558 | 4000 |
| 12 chrD3.641681A | C | 0.0645 | 4000 |
| 12 chrD3.646891A | C | 0.4656 | 3984 |
| 12 chrD3.652601A | G | 0.2446 | 3970 |
| 12 chrD3.658351A | G | 0.2799 | 3934 |
| 12 chrD3.661041A | G | 0.448 | 3960 |
| 12 chrD3.668621G | A | 0.2186 | 3752 |
| 12 chrD3.673001G | A | 0.4294 | 3968 |
| 12 chrD3.690511C | A | 0.4406 | 3988 |
| 12 chrD3.696521A | C | 0.07888 | 3892 |
| 12 chrD3.699681A | G | 0.1791 | 4004 |
| 12 chrD3.709751A | G | 0.2203 | 3990 |
| 12 chrD3.729861A | G | 0.1305 | 3900 |
| 12 chrD3.732151G | A | 0.412 | 3990 |
| 12 chrD3.735471A | G | 0.3234 | 3940 |
| 12 chrD3.961771G | A | 0.1886 | 3992 |
| 12 chrD3.754421G | A | 0.1013 | 3990 |
| 12 chrD3.774881A | 0 A | 0 | 3996 |
| 12 chrD3.779901G | A | 0.4423 | 4006 |
| 12 chrD3.796171A | G | 0.4923 | 4004 |
| 12 chrD3.803651A | G | 0.4334 | 3842 |
| 12 chrD3.813061G | A | 0.004993 | 4006 |
| 12 chrD3.825471A | G | 0.2609 | 4002 |
| 12 chrD3.830071G | A | 0.1397 | 3858 |
| 12 chrD3.837651A | G | 0.1202 | 3726 |
| 12 chrD3.850681G | A | 0.1434 | 3962 |
| 12 chrD3.244291A | G | 0.1066 | 3986 |
| 12 chrD3.853331A | G | 0.2027 | 4000 |
| 12 chrD3.855761A | C | 0.1015 | 4000 |
| 12 chrD3.861871A | G | 0.0476 | 3992 |
| 12 chrD3.866121A | G | 0.3436 | 4002 |
| 12 chrD3.870491G | 0 G | 0 | 4008 |

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| 12 chrD3.87389 | C | 0.3306 | 3950 |
| 12 chrD3.87990 | G | 0.3458 | 3994 |
| 12 chrD3.88298 | G | 0.136 | 3646 |
| 12 chrD3.89038 | G | 0.4933 | 4002 |
| 12 chrD3.89328 | C | 0.3096 | 3924 |
| 12 chrD3.89888 | G | 0.3101 | 3996 |
| 12 chrD3.90164 | G | 0.07685 | 3982 |
| 12 chrD3.90506 | A | 0.1011 | 4006 |
| 12 chrD3.91253 | G | 0.3495 | 4000 |
| 12 chrD3.91767 | G | 0.2989 | 4008 |
| 12 chrD3.92194 | C | 0.4855 | 3994 |
| 12 chrD3.92606 | G | 0.02618 | 4010 |
| 12 chrD3.92672 | A | 0.1329 | 3966 |
| 12 chrD3.93178 | A | 0.2367 | 4000 |
| 12 chrD3.93189 | G | 0.04815 | 4008 |
| 12 chrD3.93650 | A | 0.222 | 4004 |
| 12 chrD3.94095 | G | 0.3132 | 3988 |
| 12 chrD3.94421 | G | 0.02672 | 4004 |
| 12 chrD3.94882 | A | 0.2193 | 3748 |
| 12 chrD3.95932 | G | 0.2505 | 4000 |
| 12 chrD3.96745 | A | 0.406 | 3990 |
| 12 chrD3.97009 | G | 0.359 | 4008 |
| 12 chrD3.97251 | A | 0.3937 | 4008 |
| 12 chrD3.98641 | C | 0.3635 | 4000 |
| 12 chrD3.99206 | G | 0.2895 | 3996 |
| 12 chrD3.99761 | A | 0.3629 | 3990 |
| 12 chrD3.10008 | A | 0.07792 | 4004 |
| 12 chrD3.10081 | G | 0.1224 | 3996 |
| 12 chrD3.10134 | G | 0.08408 | 3782 |
| 12 chrD3.10158 | G | 0.08196 | 4002 |
| 12 chrD3.10198 | G | 0.159 | 3830 |
| 12 chrD3.10204 | A | 0.1876 | 3998 |
| 12 chrD3.10240 | G | 0.2091 | 3998 |
| 12 chrD3.10264 | G | 0.1622 | 3994 |
| 12 chrD3.10334 | C | 0.282 | 3990 |
| 12 chrD3.10361 | G | 0.3313 | 3990 |
| 12 chrD3.10401 | A | 0.4578 | 4002 |
| 12 chrD3.10446 | G | 0.07584 | 3982 |
| 12 chrD3.10483 | A | 0.09825 | 4000 |
| 12 chrD3.10512 | G | 0.3831 | 4002 |
| 12 chrD3.10545 | A | 0.05572 | 4002 |

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| 12 chrD3.105781A | G | 0.2595 | 3904 |
| 12 chrD3.106071G | A | 0.123 | 3974 |
| 12 chrA1.175721A | G | 0.1175 | 3992 |
| 12 chrD3.107451G | A | 0.1517 | 4002 |
| 12 chrD3.107491G | 0 G | 0 | 4004 |
| 12 chrD3.107851A | C | 0.0586 | 4010 |
| 12 chrD3.108341A | G | 0.2761 | 3998 |
| 12 chrD3.109211G | A | 0.0302 | 4006 |
| 12 chrD3.109731G | A | 0.4294 | 4006 |
| 12 chrD3.110211C | A | 0.05841 | 4006 |
| 12 chrD3.110971A | G | 0.4065 | 3988 |
| 12 chrD3.111371A | G | 0.2988 | 3996 |
| 12 chrD3.110581C | A | 0.1136 | 3996 |
| 12 chrD3.112121A | G | 0.01521 | 3880 |
| 12 chrD3.112551G | A | 0.3732 | 3992 |
| 12 chrD3.112811A | G | 0.0997 | 4002 |
| 12 chrD3.113071A | G | 0.2158 | 3994 |
| 12 chrD3.113341G | A | 0.1223 | 4006 |
| 12 chrD3.113811A | G | 0.1099 | 4002 |
| 12 chrD3.114391G | 0 A | 0 | 4006 |
| 12 chrD3.114811A | G | 0.001497 | 4008 |
| 12 chrD3.115161G | A | 0.0659 | 3976 |
| 12 chrD3.115411G | A | 0.4369 | 3996 |
| 12 chrD3.116011G | A | 0.3831 | 4004 |
| 12 chrD3.116711A | C | 0.4001 | 3994 |
| 12 chrD3.117091C | A | 0.01098 | 4008 |
| 12 chrD3.117641A | G | 0.0575 | 3826 |
| 12 chrD3.118151G | A | 0.4457 | 3994 |
| 12 chrD3.118691G | A | 0.002743 | 4010 |
| 12 chrD3.118761G | A | 0.494 | 3992 |
| 12 chrD3.119101A | G | 0.01074 | 4002 |
| 12 chrD3.118481G | A | 0.4342 | 3994 |
| 12 chrD3.119941A | G | 0.00932 | 3970 |
| 12 chrD3.120751C | A | 0.1076 | 3960 |
| 12 chrD3.121241A | G | 0.08429 | 3998 |
| 12 chrD3.121391A | C | 0.2207 | 4006 |
| 12 chrD3.122391G | A | 0.001996 | 4008 |
| 12 chrD3.122971G | A | 0.142 | 4008 |
| 12 chrD3.123771A | G | 0.2262 | 3992 |
| 12 chrD3.124431A | G | 0.2265 | 3996 |
| 12 chrB4.114491A | G | 0.05121 | 3964 |

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| 12 chrD3.12522(A | G | 0.07036 | 4008 |
| 12 chrD3.12546(A | G | 0.4908 | 3928 |
| 12 chrD3.12585(A | G | 0.3049 | 4004 |
| 12 chrD3.12610(A | A | 0.03062 | 3952 |
| 12 chrD3.12710(A | G | 0.2087 | 4006 |
| 12 chrD3.12795(A | G | 0.2604 | 4006 |
| 12 chrD3.12826(A | G | 0.416 | 3988 |
| 12 chrD3.12866(A | G | 0.2602 | 4004 |
| 12 chrD3.12924(A | A | 0.2681 | 3998 |
| 12 chrD3.12952(A | C | 0.3728 | 3898 |
| 12 chrD3.13004(A | C | 0.03343 | 4008 |
| 12 chrD3.13043(A | G | 0.2994 | 3998 |
| 12 chrD3.13053(A | A | 0.2967 | 4004 |
| 12 chrD3.13093(A | C | 0.3393 | 4008 |
| 12 chrD3.13118(A | A | 0.2678 | 3996 |
| 12 chrD3.13151(A | G | 0.2638 | 3938 |
| 12 chrD3.13182(A | G | 0.05788 | 4008 |
| 12 chrD3.13218(A | C | 0.05894 | 4004 |
| 12 chrD3.13301(A | A | 0.07205 | 3678 |
| 12 chrD3.13354(A | G | 0.4237 | 3802 |
| 12 chrD3.13379(A | G | 0.3393 | 3996 |
| 12 chrD3.13479(A | G | 0.3226 | 3974 |
| 12 chrD3.13513(A | G | 0.4358 | 4002 |
| 12 chrD3.13562(A | G | 0.0929 | 3832 |
| 12 chrD3.13621(A | A | 0.4394 | 3992 |
| 12 chrD3.13670(A | G | 0.1349 | 3996 |
| 12 chrD3.13700(A | G | 0.4123 | 3992 |
| 12 chrD3.13739(A | A | 0.1239 | 3978 |
| 12 chrD3.13752(A | C | 0.289 | 3972 |
| 12 chrD3.13876(A | G | 0.2095 | 4010 |
| 12 chrD3.13914(A | A | 0.1581 | 3998 |
| 12 chrD3.13982(A | G | 0.4288 | 4002 |
| 12 chrD3.14035(A | G | 0.0307 | 4006 |
| 12 chrD3.14085(A | A | 0.2006 | 3928 |
| 12 chrD3.14110(A | A | 0.4812 | 3990 |
| 12 chrD3.14177(A | G | 0.2341 | 4006 |
| 12 chrD3.14277(A | A | 0.4123 | 3808 |
| 12 chrD3.14368(A | A | 0.3785 | 3960 |
| 12 chrD3.14399(A | A | 0.06768 | 4004 |
| 12 chrD3.14460(A | A | 0.2214 | 3988 |
| 12 chrD3.14511(A | A | 0.3644 | 3902 |

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| 12 chrD3.145397A | G | 0.1937 | 3996 |
| 12 chrD3.145639G | A | 0.01436 | 3900 |
| 12 chrD3.146119A | C | 0.4118 | 4000 |
| 12 chrD3.146574G | A | 0.4199 | 3984 |
| 12 chrD3.146848G | A | 0.0002499 | 4002 |
| 12 chrD3.146857A | G | 0.3926 | 3996 |
| 12 chrD3.147097A | G | 0.4063 | 3970 |
| 12 chrD3.147437A | G | 0.4942 | 3998 |
| 12 chrD3.147734A | G | 0.2138 | 4008 |
| 12 chrD3.148552G | A | 0.4692 | 3994 |
| 12 chrD3.148820G | A | 0.09225 | 4000 |
| 12 chrD3.149088G | A | 0.2108 | 3994 |
| 12 chrD3.149397A | G | 0.05162 | 4010 |
| 12 chrD3.149709A | G | 0.2875 | 4000 |
| 12 chrD3.150477A | C | 0.4282 | 3986 |
| 12 chrD3.150997C | A | 0.4239 | 3994 |
| 12 chrA1.169219A | C | 0.2615 | 4000 |
| 12 chrD3.151797A | G | 0.1491 | 3918 |
| 12 chrA1.169379A | G | 0.3813 | 3976 |
| 12 chrA1.169519A | G | 0.2059 | 4006 |
| 12 chrD3.153682G | A | 0.3667 | 3998 |
| 12 chrA1.169719G | A | 0.484 | 4004 |
| 12 chrA1.169804G | A | 0.3796 | 4002 |
| 12 chrA1.169837A | C | 0.3441 | 3996 |
| 12 chrA1.169941A | G | 0.1739 | 4002 |
| 12 chrD3.155306G | A | 0.08535 | 3960 |
| 12 chrA1.170131A | G | 0.1358 | 4006 |
| 12 chrA1.170141A | G | 0.29 | 3990 |
| 12 chrA1.170244A | G | 0.1273 | 3952 |
| 12 chrA1.170338A | G | 0.00304 | 3948 |
| 12 chrA1.170374A | G | 0.3413 | 4000 |
| 12 chrA1.170497A | G | 0.0002494 | 4010 |
| 12 chrA1.170539A | G | 0.2883 | 3982 |
| 12 chrA1.170609A | G | 0.4149 | 3996 |
| 12 chrA1.170682A | G | 0.4997 | 3998 |
| 12 chrA1.170729A | G | 0.4428 | 3988 |
| 12 chrA1.170901G | A | 0.3521 | 3976 |
| 12 chrA1.170954A | G | 0.07157 | 3996 |
| 12 chrA1.171018A | G | 0.1774 | 3990 |
| 12 chrA1.171099G | A | 0.4894 | 3978 |
| 12 chrA1.171191A | G | 0.4083 | 4000 |

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| 12 chrA1.171246A | G | 0.2508 | 3996 |
| 12 chrD3.161421A | G | 0.4005 | 3998 |
| 12 chrA1.171388A | C | 0.3004 | 3688 |
| 12 chrD3.162144A | G | 0.09847 | 3930 |
| 12 chrD3.162147G | A | 0.1049 | 4002 |
| 12 chrD3.162466C | A | 0.4387 | 3948 |
| 12 chrD3.162996G | A | 0.3107 | 3994 |
| 12 chrD3.163334G | A | 0.01397 | 4008 |
| 12 chrD3.163596A | G | 0.1055 | 3972 |
| 12 chrD3.164201A | G | 0.1046 | 3996 |
| 12 chrD3.164595A | C | 0.2839 | 4008 |
| 12 chrD3.164968A | G | 0.001747 | 4006 |
| 12 chrD3.165457A | G | 0.355 | 4006 |
| 12 chrD3.165859G | A | 0.2237 | 3996 |
| 12 chrD3.166207A | C | 0.4967 | 3960 |
| 12 chrD3.166607A | G | 0.2309 | 3962 |
| 12 chrD3.167043A | G | 0.3105 | 3948 |
| 12 chrD3.167316G | A | 0.3055 | 4000 |
| 12 chrD3.167744A | G | 0.4732 | 3994 |
| 12 chrD3.168098G | A | 0.1116 | 4004 |
| 12 chrD3.168908C | A | 0.06247 | 3970 |
| 12 chrD3.170082A | C | 0.05916 | 4006 |
| 12 chrD3.170371C | A | 0.006484 | 4010 |
| 12 chrD3.170817A | G | 0.01523 | 4006 |
| 12 chrD3.171309G | A | 0.1619 | 3996 |
| 12 chrD3.171825G | A | 0.1613 | 3980 |
| 12 chrD3.172074A | G | 0.06578 | 3998 |
| 12 chrD3.172398A | G | 0.05927 | 3982 |
| 12 chrD3.172683A | G | 0.06278 | 3998 |
| 12 chrD3.172926A | G | 0.1411 | 4004 |
| 12 chrD3.174095G | A | 0.4394 | 3992 |
| 12 chrD3.174982G | A | 0.348 | 4006 |
| 12 chrD3.175231A | C | 0.2131 | 3960 |
| 12 chrD3.175479G | A | 0.1379 | 4004 |
| 12 chrD3.175792A | G | 0.1893 | 4004 |
| 12 chrD3.176347G | A | 0.008982 | 4008 |
| 12 chrD3.176743C | A | 0.3479 | 3978 |
| 12 chrD3.177944A | C | 0.2992 | 3980 |
| 12 chrD3.178202A | G | 0.4396 | 4006 |
| 12 chrD3.178582G | A | 0.4262 | 3996 |
| 12 chrD3.179092A | G | 0.143 | 3992 |

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| 12 chrD3.17974 | G | A | 0.3758 | 3944 |
| 12 chrD3.18043 | A | C | 0.4289 | 3992 |
| 12 chrD3.18113 | G | A | 0.2459 | 4002 |
| 12 chrD3.18138 | A | G | 0.1148 | 4000 |
| 12 chrD3.18169 | A | G | 0.09285 | 3888 |
| 12 chrD3.18182 | A | G | 0.4026 | 4006 |
| 12 chrD3.18218 | A | G | 0.1198 | 4000 |
| 12 chrD3.18272 | A | G | 0.2227 | 4006 |
| 12 chrD3.18322 | C | A | 0.3983 | 4010 |
| 12 chrD3.18347 | G | A | 0.4997 | 3828 |
| 12 chrD3.18400 | A | G | 0.00327 | 3976 |
| 12 chrD3.18403 | A | G | 0 | 4008 |
| 12 chrD3.18437 | A | A | 0.1799 | 3992 |
| 12 chrD3.18513 | A | G | 0.2689 | 4002 |
| 12 chrD3.18544 | A | A | 0.1436 | 4004 |
| 12 chrD3.18571 | G | A | 0.1654 | 3966 |
| 12 chrD3.18623 | A | G | 0.1564 | 3970 |
| 12 chrD3.18677 | G | A | 0.4623 | 4004 |
| 12 chrD3.18725 | G | A | 0.4139 | 4006 |
| 12 chrD3.18778 | A | A | 0.1261 | 3996 |
| 12 chrD3.18842 | G | A | 0.2044 | 3816 |
| 12 chrD3.18892 | A | G | 0.2322 | 3996 |
| 12 chrD3.18922 | A | G | 0.4233 | 4000 |
| 12 chrD3.18965 | A | G | 0.4735 | 3994 |
| 12 chrD3.19001 | A | A | 0.1476 | 3998 |
| 12 chrD3.19038 | G | A | 0.3244 | 3998 |
| 12 chrD3.19084 | A | G | 0.1996 | 3998 |
| 12 chrD3.19131 | A | A | 0.1427 | 4002 |
| 12 chrD3.19145 | G | A | 0.4104 | 3994 |
| 12 chrD3.19165 | A | C | 0.4039 | 3890 |
| 12 chrD3.19224 | C | A | 0.04321 | 4004 |
| 12 chrD3.19256 | C | A | 0.2173 | 3990 |
| 12 chrD3.19282 | G | A | 0.1091 | 3998 |
| 12 chrD3.19321 | A | G | 0.2073 | 4004 |
| 12 chrD3.19352 | A | G | 0.2083 | 4004 |
| 12 chrD3.19421 | G | A | 0.06113 | 4008 |
| 12 chrD3.19428 | A | G | 0.009731 | 4008 |
| 12 chrD3.19490 | A | G | 0.4502 | 4000 |
| 12 chrD3.19546 | A | G | 0.1613 | 4004 |
| 12 chrD3.19635 | G | A | 0.0537 | 4004 |
| 12 chrD3.19712 | A | G | 0.01023 | 4008 |

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| 12 chrD3.19743(C | A | 0.1894 | 3996 |
| 12 chrD3.19800(A | G | 0.1519 | 4008 |
| 12 chrX.1153875G | A | 0.1725 | 4000 |
| 12 chrD3.19866(A | G | 0.07288 | 3650 |
| 12 chrD3.19920(A | G | 0.2031 | 3998 |
| 12 chrD3.19990(G | A | 0.1472 | 4000 |
| 12 chrD3.20031(A | G | 0.3799 | 3804 |
| 12 chrD3.20055(G | A | 0.1375 | 4000 |
| 12 chrD3.20096(A | C | 0.1332 | 3950 |
| 12 chrD3.20127(A | C | 0.1429 | 4004 |
| 12 chrD3.20183(G | A | 0.2314 | 3962 |
| 12 chrD3.20246(G | A | 0.2141 | 4002 |
| 12 chrD3.20297(A | G | 0.07908 | 3996 |
| 12 chrD3.20357(G | A | 0.3544 | 3998 |
| 12 chrD3.20375(A | C | 0.1367 | 3966 |
| 12 chrD3.20385(G | A | 0.04443 | 4006 |
| 12 chrD3.20477(A | G | 0.1571 | 3654 |
| 12 chrD3.20483(A | G | 0.009922 | 3830 |
| 12 chrD3.20551(A | G | 0.4276 | 4004 |
| 12 chrD3.20606(A | G | 0.2944 | 3994 |
| 12 chrD3.20645(G | A | 0.2695 | 4000 |
| 12 chrD3.20680(A | C | 0.4593 | 3958 |
| 12 chrD3.20788(G | A | 0.2081 | 4002 |
| 12 chrD3.20824(A | G | 0.07792 | 3876 |
| 12 chrD3.20852(A | G | 0.44 | 3982 |
| 12 chrD3.20879(G | A | 0.1691 | 3998 |
| 12 chrD3.20905(G | A | 0.2327 | 3984 |
| 12 chrD3.21023(C | A | 0.1703 | 3988 |
| 12 chrD3.21041(G | A | 0.137 | 3948 |
| 12 chrD3.21052(A | C | 0.4227 | 3960 |
| 12 chrD3.21076(A | G | 0.235 | 4000 |
| 12 chrD3.21120(A | G | 0.2462 | 3984 |
| 12 chrUn26.282(A | C | 0.3687 | 3930 |
| 12 chrD3.21164(G | A | 0.1039 | 4004 |
| 12 chrUn26.263(G | A | 0.03385 | 3988 |
| 12 chrUn26.257(A | G | 0.2335 | 4004 |
| 12 chrUn26.253(A | G | 0.1635 | 3988 |
| 12 chrUn26.238(G | A | 0.499 | 4000 |
| 12 chrUn26.231(G | A | 0.2284 | 3998 |
| 12 chrUn26.224(G | A | 0.1051 | 3988 |
| 12 chrUn26.218(A | G | 0.05257 | 3976 |

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| 12 chrUn26.213:A | G | 0.1061 | 3998 |
| 12 chrUn26.209:A | G | 0.1489 | 4002 |
| 12 chrUn26.206:A | G | 0.04343 | 4006 |
| 12 chrUn26.203:A | G | 0.02783 | 3988 |
| 12 chrUn26.199:C | A | 0.3737 | 3990 |
| 12 chrUn26.194:A | G | 0.3551 | 4002 |
| 12 chrUn26.192:A | C | 0.1143 | 3884 |
| 12 chrUn26.189:G | A | 0.06702 | 3984 |
| 12 chrUn26.187:A | G | 0.03398 | 3914 |
| 12 chrUn26.183:A | G | 0.1338 | 3990 |
| 12 chrUn26.177:G | A | 0.2894 | 3998 |
| 12 chrUn26.172:G | A | 0.1549 | 4010 |
| 12 chrUn26.164:A | G | 0.08579 | 4010 |
| 12 chrUn26.159:A | C | 0.2904 | 3960 |
| 12 chrUn26.155:A | G | 0.171 | 3958 |
| 12 chrUn26.140:A | G | 0.2101 | 3974 |
| 12 chrUn26.134:A | G | 0.3405 | 4006 |
| 12 chrUn26.132:A | G | 0.1339 | 4002 |
| 12 chrUn26.130:A | G | 0.3456 | 3982 |
| 12 chrUn26.127:A | C | 0.2916 | 3968 |
| 12 chrUn26.121:A | G | 0.4675 | 3994 |
| 12 chrUn26.116:A | G | 0.4313 | 3976 |
| 12 chrUn26.108:A | G | 0.1807 | 4006 |
| 12 chrUn26.105:A | G | 0.157 | 4000 |
| 12 chrUn26.966:A | G | 0.2068 | 4004 |
| 12 chrUn26.912:A | C | 0.06385 | 3618 |
| 12 chrUn26.846:A | G | 0.1186 | 3998 |
| 12 chrUn26.797:A | G | 0.1109 | 3914 |
| 12 chrUn.38860:G | A | 0.2544 | 4002 |
| 12 chrUn26.748:G | A | 0.1747 | 4000 |
| 12 chrUn26.709:C | A | 0.1298 | 3992 |
| 12 chrUn26.661:G | A | 0.2702 | 4000 |
| 12 chrUn26.549:A | G | 0.3253 | 4006 |
| 12 chrUn26.515:G | A | 0.2012 | 3996 |
| 12 chrUn26.439:G | A | 0.198 | 4000 |
| 12 chrUn26.437:G | A | 0.1533 | 3992 |
| 12 chrD3.24249:G | A | 0.02952 | 3930 |
| 12 chrD3.24273:A | G | 0.1398 | 3956 |
| 12 chrD3.24322:C | A | 0.2735 | 4000 |
| 12 chrD3.24362:A | C | 0.2644 | 3884 |
| 12 chrD3.24364:G | A | 0.2854 | 4002 |

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| 12 chrD3.24441C | A | 0.2713 | 4006 |
| 12 chrD3.24470A | G | 0.05339 | 4008 |
| 12 chrD3.24504A | G | 0.03747 | 3736 |
| 12 chrD3.24546C | A | 0.03834 | 3834 |
| 12 chrD3.24571G | A | 0.1553 | 4004 |
| 12 chrD3.24632A | G | 0.1822 | 3990 |
| 12 chrD3.24693A | G | 0.3118 | 4006 |
| 12 chrD3.24718A | G | 0.01101 | 3998 |
| 12 chrD3.24754G | A | 0.3719 | 3996 |
| 12 chrD3.24754A | G | 0.06025 | 3884 |
| 12 chrD3.24783A | G | 0.4502 | 3998 |
| 12 chrD3.24862A | G | 0.2054 | 3982 |
| 12 chrD3.24887A | G | 0.3343 | 4000 |
| 12 chrD3.24930A | C | 0.07667 | 3952 |
| 12 chrD3.24976G | A | 0.001997 | 4006 |
| 12 chrD3.25042A | G | 0.1238 | 4006 |
| 12 chrD3.25068A | G | 0.1559 | 3918 |
| 12 chrD3.25103G | A | 0.4099 | 3996 |
| 12 chrD3.25214G | A | 0.1287 | 4002 |
| 12 chrD3.25286A | G | 0.1362 | 4000 |
| 12 chrD3.25350A | G | 0.2477 | 4000 |
| 12 chrD3.25494G | A | 0.4045 | 3716 |
| 12 chrD3.25510G | A | 0.1213 | 3982 |
| 12 chrD3.25521A | C | 0.07734 | 3672 |
| 12 chrD3.25577A | G | 0.02155 | 3944 |
| 12 chrUn.26811A | C | 0.2352 | 3992 |
| 12 chrD3.25633G | A | 0.169 | 4006 |
| 12 chrD3.25765C | A | 0.005739 | 4008 |
| 12 chrD3.26090A | G | 0.2474 | 4006 |
| 12 chrD3.25807A | G | 0.2147 | 4006 |
| 12 chrD3.27914A | G | 0.3494 | 3970 |
| 12 chrD3.28042A | G | 0.4244 | 4008 |
| 12 chrD3.28088A | G | 0.2079 | 3974 |
| 12 chrD3.28090A | G | 0.3546 | 4004 |
| 12 chrD3.26785A | G | 0.2041 | 3640 |
| 12 chrD3.25943A | G | 0.1268 | 3998 |
| 12 chrD3.28170A | G | 0.2477 | 4000 |
| 12 chrE2.31905A | G | 0.09731 | 4008 |
| 12 chrD3.28211A | G | 0.09624 | 3990 |
| 12 chrD3.28262A | C | 0.08333 | 3996 |
| 12 chrD3.28268A | G | 0.006487 | 4008 |

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| 12 chrD3.28299T | A | 0.4043 | 3970 |
| 12 chrD3.28335T | G | 0.4113 | 3978 |
| 12 chrD3.28339T | A | 0.1599 | 3996 |
| 12 chrD3.28410T | A | 0.124 | 4000 |
| 12 chrD3.28449C | A | 0.4797 | 3994 |
| 12 chrD3.28498C | C | 0.1547 | 3748 |
| 12 chrD3.28530C | G | 0.3076 | 4002 |
| 12 chrD3.28563T | G | 0.1469 | 4004 |
| 12 chrD3.28593T | G | 0.1214 | 4004 |
| 12 chrD3.28617T | A | 0.1948 | 4004 |
| 12 chrD3.28673T | G | 0.1772 | 3770 |
| 12 chrD3.28702T | G | 0.3854 | 3996 |
| 12 chrD3.28732T | A | 0.2543 | 3976 |
| 12 chrD3.28782C | C | 0.126 | 4008 |
| 12 chrD3.28878T | G | 0.05095 | 4004 |
| 12 chrD3.28920T | G | 0.2672 | 3874 |
| 12 chrD3.28947T | A | 0.1662 | 3966 |
| 12 chrD3.28977T | G | 0.02174 | 4002 |
| 12 chrD3.29007C | G | 0.0998 | 3998 |
| 12 chrD3.29036C | G | 0.3911 | 4002 |
| 12 chrD3.29062T | G | 0.4915 | 3988 |
| 12 chrD3.29110T | C | 0.2086 | 3994 |
| 12 chrD3.29136T | G | 0.3067 | 3994 |
| 12 chrD3.29172T | G | 0.2367 | 4010 |
| 12 chrD3.29199T | A | 0.07393 | 4004 |
| 12 chrD3.29231T | A | 0.4447 | 3976 |
| 12 chrD3.29278T | G | 0.2155 | 3982 |
| 12 chrD3.29332T | A | 0.4711 | 3974 |
| 12 chrD3.29382C | A | 0.08691 | 3958 |
| 12 chrD3.29412C | A | 0.2831 | 3992 |
| 12 chrD3.29450T | G | 0.4901 | 3952 |
| 12 chrD3.29522T | A | 0.296 | 3996 |
| 12 chrD3.29546T | G | 0.003242 | 4010 |
| 12 chrD3.29606T | G | 0.1182 | 4002 |
| 12 chrD3.29702T | G | 0.1693 | 4000 |
| 12 chrD3.29761T | A | 0.2777 | 4004 |
| 12 chrD3.29791T | A | 0.01477 | 3926 |
| 12 chrD3.29826T | G | 0.054 | 4000 |
| 12 chrD3.29910T | G | 0.4045 | 4002 |
| 12 chrD3.29951C | A | 0.09569 | 3992 |
| 12 chrD3.29999T | A | 0.093 | 3774 |

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| 12 chrD3.30048 | G | A | 0.2751 | 3926 |
| 12 chrD3.30089 | G | A | 0.0639 | 4006 |
| 12 chrD3.30140 | A | G | 0.42 | 4000 |
| 12 chrD3.30200 | G | A | 0.08649 | 3966 |
| 12 chrD3.30247 | G | A | 0.2102 | 4006 |
| 12 chrD3.30280 | A | G | 0.2404 | 4010 |
| 12 chrD3.30354 | A | G | 0.2817 | 4008 |
| 12 chrD3.30412 | A | G | 0.3283 | 4002 |
| 12 chrD3.30458 | G | A | 0.2576 | 3994 |
| 12 chrD3.30486 | G | A | 0.01272 | 4008 |
| 12 chrD3.30530 | A | G | 0.07675 | 4000 |
| 12 chrD3.30559 | A | G | 0.1275 | 3992 |
| 12 chrD3.30588 | G | A | 0.4017 | 3938 |
| 12 chrD3.30646 | G | A | 0.09378 | 3956 |
| 12 chrD3.30690 | A | G | 0.01796 | 4008 |
| 12 chrD3.30720 | A | G | 0.029 | 4000 |
| 12 chrD3.30788 | A | G | 0.1214 | 4004 |
| 12 chrD3.30944 | G | A | 0.1036 | 3630 |
| 12 chrD3.31024 | G | A | 0.009975 | 4010 |
| 12 chrD3.31030 | A | G | 0.1266 | 3822 |
| 12 chrD3.31062 | A | C | 0.1829 | 3964 |
| 12 chrD3.31107 | A | G | 0.09556 | 3966 |
| 12 chrD3.31172 | G | A | 0.1068 | 4000 |
| 12 chrD3.31218 | G | A | 0.117 | 4010 |
| 12 chrD3.31275 | A | G | 0.2321 | 3994 |
| 12 chrD3.31316 | G | A | 0.08609 | 3984 |
| 12 chrD3.31352 | A | G | 0.0509 | 3792 |
| 12 chrD3.31389 | A | G | 0.01731 | 3870 |
| 12 chrD3.31415 | A | G | 0.08563 | 3994 |
| 12 chrD3.31449 | A | G | 0.3977 | 3968 |
| 12 chrD3.31481 | G | A | 0.4287 | 4000 |
| 12 chrD3.31524 | A | G | 0.2048 | 4004 |
| 12 chrD3.31560 | C | A | 0.2091 | 3998 |
| 12 chrC2.10952 | A | G | 0.06351 | 3968 |
| 12 chrD3.31659 | A | G | 0.1544 | 4008 |
| 12 chrD3.31729 | A | G | 0.4169 | 3994 |
| 12 chrC2.81139 | A | G | 0.07729 | 3998 |
| 12 chrD3.31765 | G | A | 0.09531 | 4008 |
| 12 chrD3.31830 | G | A | 0.01372 | 4010 |
| 12 chrUn.47741 | G | A | 0.3516 | 3976 |
| 12 chrD3.31875 | C | A | 0.06607 | 3996 |

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| 12 chrD3.31913:A | G | 0.06658 | 3740 |
| 12 chrD3.31962:G | A | 0.1688 | 3998 |
| 12 chrD3.31963:A | A | 0.0182 | 4010 |
| 12 chrD3.31992:G | A | 0.1011 | 3996 |
| 12 chrD3.32064:A | A | 0.386 | 3984 |
| 12 chrD3.32108:A | G | 0.1028 | 4006 |
| 12 chrD3.32224:A | A | 0.174 | 3920 |
| 12 chrD3.32285:A | G | 0.1085 | 3964 |
| 12 chrD3.32330:A | G | 0.3992 | 3998 |
| 12 chrD3.32402:A | G | 0.3757 | 4006 |
| 12 chrD3.32439:G | A | 0.3099 | 4008 |
| 12 chrD3.32548:A | G | 0.02044 | 3962 |
| 12 chrD3.32597:A | G | 0.4226 | 3990 |
| 12 chrD3.32638:A | G | 0.08279 | 3998 |
| 12 chrD3.32682:G | A | 0.2585 | 4004 |
| 12 chrD3.32731:C | A | 0.3475 | 3986 |
| 12 chrD3.32790:A | G | 0.4546 | 4006 |
| 12 chrD3.32827:A | G | 0.2687 | 3994 |
| 12 chrD3.32871:A | G | 0.1354 | 4004 |
| 12 chrD3.32921:A | G | 0.2289 | 3984 |
| 12 chrD3.32954:A | G | 0.2623 | 4010 |
| 12 chrD3.32993:A | G | 0.399 | 4008 |
| 12 chrD3.33053:A | G | 0.2249 | 3882 |
| 12 chrD3.33086:A | G | 0.09765 | 4004 |
| 12 chrD3.33132:A | G | 0.4637 | 3968 |
| 12 chrD3.33175:G | A | 0.2206 | 3966 |
| 12 chrD3.33205:A | G | 0.1445 | 4008 |
| 12 chrD3.33266:A | G | 0.04449 | 3978 |
| 12 chrD3.33290:A | G | 0.04915 | 3988 |
| 12 chrD3.33352:A | A | 0.1147 | 3968 |
| 12 chrD3.33391:A | G | 0.1717 | 4002 |
| 12 chrD3.33422:A | G | 0.06483 | 3856 |
| 12 chrD3.33463:A | G | 0.1505 | 3968 |
| 12 chrD3.33511:C | A | 0.2199 | 3998 |
| 12 chrD3.33549:A | G | 0.2341 | 4002 |
| 12 chrD3.33602:A | G | 0.2926 | 3978 |
| 12 chrD3.33647:A | G | 0.08337 | 4006 |
| 12 chrD3.33673:A | A | 0.4198 | 4004 |
| 12 chrD3.33716:A | G | 0.1106 | 4006 |
| 12 chrD3.33757:A | G | 0.2706 | 3980 |
| 12 chrD3.33804:C | A | 0.4359 | 3994 |

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| 12 chrD3.33828 | A | G | 0.254 | 3964 |
| 12 chrD3.33886 | G | A | 0.07081 | 3926 |
| 12 chrD3.33958 | A | G | 0.1056 | 3978 |
| 12 chrD3.33986 | A | G | 0.372 | 4000 |
| 12 chrD3.34035 | G | A | 0.03105 | 3994 |
| 12 chrUn26.433 | G | A | 0.4785 | 3992 |
| 12 chrUn26.430 | G | A | 0.4373 | 3988 |
| 12 chrUn26.419 | G | A | 0.001004 | 3984 |
| 12 chrUn26.417 | A | G | 0.469 | 4000 |
| 12 chrUn26.413 | G | A | 0.3688 | 4002 |
| 12 chrUn26.410 | A | G | 0.1843 | 3988 |
| 12 chrUn26.406 | A | C | 0.4171 | 3956 |
| 12 chrUn26.395 | A | G | 0.06084 | 3846 |
| 12 chrUn26.386 | G | A | 0.1186 | 3998 |
| 12 chrUn26.382 | A | G | 0.09735 | 4006 |
| 12 chrUn26.375 | A | G | 0.02354 | 3994 |
| 12 chrUn26.371 | G | A | 0.3982 | 4000 |
| 12 chrUn26.371 | A | G | 0.4445 | 3980 |
| 12 chrUn26.368 | A | G | 0.456 | 4000 |
| 12 chrUn26.366 | A | G | 0.2367 | 3996 |
| 12 chrUn26.362 | A | G | 0.01074 | 4002 |
| 12 chrUn26.358 | A | G | 0.02745 | 4008 |
| 12 chrUn26.353 | G | A | 0.4767 | 3996 |
| 12 chrUn26.348 | A | G | 0.4569 | 3968 |
| 12 chrUn26.344 | C | A | 0.1061 | 3988 |
| 12 chrUn26.340 | G | A | 0.2788 | 4000 |
| 12 chrUn26.336 | A | G | 0.3282 | 3970 |
| 12 chrUn26.333 | A | G | 0.1357 | 3980 |
| 12 chrUn26.330 | C | A | 0.3491 | 3976 |
| 12 chrUn26.327 | A | G | 0.01214 | 3872 |
| 12 chrUn26.315 | A | C | 0.1138 | 4006 |
| 12 chrUn26.311 | G | A | 0.1665 | 3982 |
| 12 chrUn26.300 | C | A | 0.1872 | 3996 |
| 12 chrUn26.286 | A | G | 0.01442 | 3746 |
| 12 chrUn.79648 | G | A | 0.1765 | 4006 |
| 12 chrUn26.447 | A | C | 0.04746 | 3940 |
| 12 chrUn26.450 | A | G | 0.231 | 3888 |
| 12 chrUn26.454 | A | G | 0.05918 | 3988 |
| 12 chrUn26.457 | A | G | 0.06456 | 3996 |
| 12 chrD3.43474 | A | C | 0.03094 | 3652 |
| 12 chrD3.43503 | G | A | 0.1974 | 4008 |

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| 12 chrD3.435657A | G | 0.07323 | 3974 |
| 12 chrD3.436203A | G | 0.06197 | 3986 |
| 12 chrD3.436510A | G | 0.03307 | 3870 |
| 12 chrD3.437023A | C | 0.08537 | 4006 |
| 12 chrD3.437735A | G | 0.08517 | 3992 |
| 12 chrD3.438158G | A | 0.3638 | 3942 |
| 12 chrD3.438413G | A | 0.4297 | 3998 |
| 12 chrD3.438671A | G | 0.04616 | 4008 |
| 12 chrD3.438915A | G | 0.3239 | 3998 |
| 12 chrD3.438979A | G | 0.126 | 4008 |
| 12 chrD3.439398G | A | 0.05972 | 4002 |
| 12 chrD3.440007G | A | 0.4295 | 4002 |
| 12 chrD3.440559A | G | 0.3245 | 3984 |
| 12 chrD3.441205A | G | 0.3765 | 3934 |
| 12 chrD3.441631A | C | 0.04825 | 4000 |
| 12 chrD3.441935G | A | 0.3199 | 4004 |
| 12 chrD3.442685G | A | 0.3616 | 4002 |
| 12 chrD3.443014G | A | 0.0002494 | 4010 |
| 12 chrD3.443604C | A | 0.03875 | 4000 |
| 12 chrD3.444139A | G | 0.1866 | 3800 |
| 12 chrD3.444424A | G | 0.03101 | 3902 |
| 12 chrUn26.4607C | A | 0.1622 | 3766 |
| 12 chrD3.445453A | G | 0.03942 | 4008 |
| 12 chrD3.445693C | A | 0.03917 | 4008 |
| 12 chrD3.445952G | A | 0.0394 | 4010 |
| 12 chrUn26.4634A | C | 0.1187 | 4002 |
| 12 chrD1.244433A | G | 0.2424 | 3936 |
| 12 chrUn26.4727A | G | 0.0311 | 3794 |
| 12 chrUn26.4757A | G | 0.4018 | 3992 |
| 12 chrUn26.4789G | A | 0.05342 | 4006 |
| 12 chrUn26.4897G | A | 0.02999 | 4002 |
| 12 chrUn26.4967G | A | 0.02354 | 3866 |
| 12 chrUn26.5036G | A | 0.05395 | 4004 |
| 12 chrUn26.5176G | A | 0.3305 | 4000 |
| 12 chrUn26.5199G | A | 0.1591 | 3998 |
| 12 chrUn26.5257A | G | 0.2901 | 4002 |
| 12 chrUn26.5317G | A | 0.2019 | 3988 |
| 12 chrUn26.5386A | C | 0.1888 | 3998 |
| 12 chrUn26.5427G | A | 0.07841 | 3992 |
| 12 chrUn26.5487A | C | 0.0483 | 3996 |
| 12 chrUn26.5528 | 0 A | 0 | 4006 |

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| 12 chrUn26.554 | G | A | 0.07938 | 4006 |
| 12 chrUn26.557 | G | A | 0.1514 | 3996 |
| 12 chrUn26.561 | A | G | 0.152 | 4006 |
| 12 chrUn26.563 | A | G | 0.07791 | 3992 |
| 12 chrUn26.568 | A | G | 0.1034 | 3964 |
| 12 chrUn26.574 | A | G | 0.1767 | 4002 |
| 12 chrUn26.579 | G | A | 0.3292 | 3986 |
| 12 chrUn26.583 | A | G | 0.4115 | 3964 |
| 12 chrUn26.586 | A | G | 0.09361 | 4006 |
| 12 chrUn26.591 | A | G | 0.1108 | 4008 |
| 12 chrUn26.602 | A | G | 0.08038 | 4006 |
| 12 chrUn26.613 | G | A | 0.09844 | 3982 |
| 12 chrUn26.308 | A | G | 0.02344 | 3754 |
| 12 chrUn.16673 | G | A | 0.02892 | 3804 |
| 12 chrB4.37347 | G | A | 0.3962 | 3968 |
| 12 chrB4.37462 | C | A | 0.07 | 4000 |
| 12 chrUn1.1715 | A | C | 0.1534 | 4002 |
| 12 chrUn1.1846 | A | G | 0.2643 | 3984 |
| 12 chrUn1.2009 | G | A | 0.4421 | 3992 |
| 12 chrUn1.2033 | C | A | 0.1495 | 3974 |
| 12 chrUn1.2286 | A | G | 0.4429 | 3996 |
| 12 chrUn1.2331 | A | G | 0.07009 | 3838 |
| 12 chrUn1.2357 | A | G | 0.1555 | 3994 |
| 12 chrUn1.2402 | A | G | 0.0495 | 4000 |
| 12 chrUn1.2429 | A | G | 0.2551 | 4002 |
| 12 chrUn1.2572 | A | C | 0.031 | 3710 |
| 12 chrUn1.2613 | G | A | 0.2051 | 3998 |
| 12 chrUn1.2747 | C | A | 0.0731 | 4008 |
| 12 chrUn1.2807 | A | G | 0.3377 | 4010 |
| 12 chrUn1.2847 | A | G | 0.1055 | 3962 |
| 12 chrUn1.2888 | A | G | 0.06084 | 3994 |
| 12 chrUn1.2925 | G | A | 0.2269 | 4002 |
| 12 chrUn1.3004 | A | G | 0.1251 | 4006 |
| 12 chrUn1.3046 | C | A | 0.06046 | 3986 |
| 12 chrUn1.3115 | A | A | 0.1412 | 4002 |
| 12 chrUn1.3233 | C | A | 0.106 | 3850 |
| 12 chrX.142152 | C | A | 0.359 | 4006 |
| 12 chrX.142201 | G | A | 0.04767 | 3776 |
| 12 chrX.142239 | A | A | 0.1284 | 3862 |
| 12 chrD3.49067 | C | A | 0.1248 | 3982 |
| 12 chrD3.49314 | C | A | 0.1395 | 3986 |

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| 12 chrD3.49374:G | A | 0.2654 | 4002 |
| 12 chrD3.49468:G | A | 0.08625 | 4000 |
| 12 chrF2.379083A | G | 0.02653 | 3996 |
| 12 chrD3.49502:G | G | 0.08771 | 4002 |
| 12 chrD3.49551:G | G | 0.00152 | 3948 |
| 12 chrD3.49559:C | A | 0.3047 | 3998 |
| 12 chrD3.49609:G | A | 0.2466 | 4006 |
| 12 chrD3.49684:G | G | 0.07888 | 4006 |
| 12 chrD3.49756:G | A | 0.09747 | 3868 |
| 12 chrD3.49793:G | G | 0.0989 | 4004 |
| 12 chrD3.49836:C | A | 0.2792 | 4000 |
| 12 chrD3.49869:G | G | 0.1907 | 4006 |
| 12 chrD3.49897:G | G | 0.08258 | 4008 |
| 12 chrD3.49940:G | A | 0.195 | 3974 |
| 12 chrD3.50049:G | G | 0.3672 | 3992 |
| 12 chrD3.50084:G | A | 0.1126 | 3998 |
| 12 chrD3.50116:G | G | 0.3459 | 3992 |
| 12 chrD3.50147:G | G | 0.306 | 3876 |
| 12 chrD3.50173:G | A | 0.2669 | 4002 |
| 12 chrD3.50211:G | G | 0.1765 | 4006 |
| 12 chrD3.50285:G | G | 0.214 | 4000 |
| 12 chrD3.50334:C | A | 0.06572 | 4002 |
| 12 chrD3.50364:G | G | 0.2094 | 3992 |
| 12 chrD3.50471:G | A | 0.2216 | 4002 |
| 12 chrD3.50499:G | A | 0.2951 | 3968 |
| 12 chrD3.50508:G | G | 0.08891 | 4004 |
| 12 chrD3.50541:G | G | 0.1611 | 3984 |
| 12 chrD3.50595:G | A | 0.1554 | 3996 |
| 12 chrD3.50623:C | A | 0.06522 | 4002 |
| 12 chrD3.51677:G | G | 0.101 | 4008 |
| 12 chrD3.51637:G | G | 0.000998 | 4008 |
| 12 chrD3.51608:G | A | 0.1702 | 4006 |
| 12 chrD3.51537:G | C | 0.000499 | 4008 |
| 12 chrD3.51490:G | G | 0.03562 | 3874 |
| 12 chrD3.51483:G | C | 0.4228 | 3898 |
| 12 chrD3.51457:G | G | 0.2545 | 4004 |
| 12 chrD3.51391:G | G | 0.425 | 3998 |
| 12 chrD3.51336:G | A | 0.464 | 4002 |
| 12 chrD3.51305:G | G | 0.09408 | 3954 |
| 12 chrD3.51280:C | A | 0.3852 | 3998 |
| 12 chrD3.51239:G | A | 0.2333 | 3952 |

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| 12 chrUn.60720! | G | A | 0.2061 | 3968 |
| 12 chrD3.51205! | A | G | 0.2668 | 3992 |
| 12 chrD3.51167! | A | G | 0.1083 | 4006 |
| 12 chrD3.51163! | A | G | 0.09121 | 3914 |
| 12 chrD3.51130! | A | G | 0.1706 | 3986 |
| 12 chrUn.21431! | A | G | 0.266 | 4004 |
| 12 chrD3.51067! | G | A | 0.1744 | 3996 |
| 12 chrD3.51001! | A | G | 0.09422 | 3980 |
| 12 chrD3.50974! | G | A | 0.4133 | 3888 |
| 12 chrD3.50880! | G | A | 0.09328 | 3988 |
| 12 chrD3.50825! | A | G | 0.1229 | 3996 |
| 12 chrD3.50764! | C | A | 0.4223 | 3988 |
| 12 chrD3.50721! | A | G | 0.09565 | 4004 |
| 12 chrD3.50696! | G | A | 0.3289 | 4004 |
| 12 chrD3.51890! | G | A | 0.3357 | 3986 |
| 12 chrD3.51918! | C | A | 0.4238 | 3962 |
| 12 chrD3.51975! | A | G | 0.04364 | 4010 |
| 12 chrUn.56078! | A | G | 0.4562 | 4000 |
| 12 chrD3.52116! | A | G | 0.2599 | 3998 |
| 12 chrD3.52162! | A | G | 0.07064 | 4006 |
| 12 chrD3.52171! | G | A | 0.06675 | 4000 |
| 12 chrD3.52195! | C | A | 0.05639 | 4008 |
| 12 chrD3.52234! | G | A | 0.2348 | 4004 |
| 12 chrD3.52283! | A | G | 0.1775 | 3988 |
| 12 chrD3.52357! | A | G | 0.2475 | 4008 |
| 12 chrD3.52358! | G | A | 0.458 | 3952 |
| 12 chrD3.52408! | G | A | 0.2688 | 3988 |
| 12 chrD3.52432! | A | G | 0.01747 | 4008 |
| 12 chrD3.52480! | A | G | 0.4339 | 4008 |
| 12 chrD3.52512! | A | G | 0.04319 | 4006 |
| 12 chrD3.52563! | A | G | 0.1968 | 3994 |
| 12 chrD3.52622! | C | A | 0.1524 | 3996 |
| 12 chrD3.52677! | A | G | 0.002258 | 3986 |
| 12 chrD3.52702! | A | G | 0.3432 | 3998 |
| 12 chrD3.52742! | C | A | 0.4039 | 3994 |
| 12 chrD3.52810! | A | G | 0.3027 | 3994 |
| 12 chrD3.52885! | A | G | 0.1412 | 4008 |
| 12 chrD3.52937! | G | A | 0.1238 | 4006 |
| 12 chrD3.53012! | A | G | 0.2435 | 3996 |
| 12 chrD3.53072! | A | G | 0.02547 | 4004 |
| 12 chrD3.53099! | A | G | 0.3899 | 4004 |

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| 12 chrD3.53195(G | A | 0.3231 | 3832 |
| 12 chrD3.53144(G | A | 0.4375 | 3982 |
| 12 chrD3.53222(G | G | 0.1193 | 3790 |
| 12 chrD3.53233(G | G | 0.4952 | 4000 |
| 12 chrD3.53272(G | A | 0.2261 | 3972 |
| 12 chrD3.53323(G | A | 0.2404 | 4002 |
| 12 chrD3.53370(G | A | 0.2282 | 4000 |
| 12 chrD3.53397(G | A | 0.376 | 3984 |
| 12 chrD3.53438(G | A | 0.1633 | 3938 |
| 12 chrD3.53502(G | G | 0.1619 | 3990 |
| 12 chrD3.53560(G | G | 0.09478 | 3988 |
| 12 chrD3.53596(G | G | 0.3974 | 4006 |
| 12 chrD3.53657(C | A | 0.03093 | 3880 |
| 12 chrD3.53745(G | G | 0.06775 | 4000 |
| 12 chrD3.53856(G | A | 0.4037 | 3998 |
| 12 chrD3.53920(G | G | 0.1904 | 4002 |
| 12 chrD3.53945(G | A | 0.402 | 4000 |
| 12 chrD3.54020(G | A | 0.2416 | 4006 |
| 12 chrD3.54068(G | A | 0.2941 | 3992 |
| 12 chrUn.76947(A | C | 0.2557 | 3876 |
| 12 chrD3.54100(G | A | 0.4988 | 4006 |
| 12 chrD3.54218(G | G | 0.05513 | 3882 |
| 12 chrD3.54301(G | A | 0.335 | 4000 |
| 12 chrD3.54344(G | G | 0.413 | 3990 |
| 12 chrD3.54412(G | A | 0.182 | 4000 |
| 12 chrD3.54439(G | C | 0.48 | 4000 |
| 12 chrD3.54464(G | G | 0.08953 | 4010 |
| 12 chrD3.54500(G | G | 0.07813 | 4006 |
| 12 chrD3.54573(G | A | 0.1254 | 4010 |
| 12 chrD3.54623(G | G | 0.4437 | 3982 |
| 12 chrD3.54703(G | A | 0.3364 | 3998 |
| 12 chrD3.54719(G | A | 0.07454 | 3998 |
| 12 chrD3.54729(G | G | 0.1947 | 3996 |
| 12 chrD3.54817(C | A | 0.09597 | 3918 |
| 12 chrD3.54870(G | G | 0.06225 | 4000 |
| 12 chrD3.54926(G | A | 0.472 | 3862 |
| 12 chrD3.54959(G | C | 0.2973 | 4006 |
| 12 chrD3.54987(G | G | 0.1643 | 3962 |
| 12 chrD3.55013(G | G | 0.1643 | 4006 |
| 12 chrD3.55041(G | A | 0.4412 | 3996 |
| 12 chrD3.55077(G | A | 0.1001 | 4004 |

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| 12 chrD3.55101G | 0 A | 0 | 4010 |
| 12 chrD3.55128G | A | 0.1626 | 4004 |
| 12 chrD3.55154G | A | 0.1334 | 4004 |
| 12 chrD3.55225G | A | 0.166 | 4000 |
| 12 chrD3.55255G | A | 0.1248 | 3926 |
| 12 chrD3.55317G | A | 0.09785 | 4006 |
| 12 chrD3.55438G | A | 0.2455 | 4000 |
| 12 chrD3.55509G | A | 0.005492 | 4006 |
| 12 chrD3.55568G | A | 0.2377 | 3748 |
| 12 chrD3.55722G | A | 0.06967 | 3818 |
| 12 chrD3.55763G | A | 0.2937 | 4000 |
| 12 chrD3.55798A | G | 0.2322 | 4006 |
| 12 chrD3.55841A | G | 0.1256 | 4004 |
| 12 chrD3.55918G | A | 0.4666 | 3982 |
| 12 chrD3.55969A | G | 0.3202 | 3948 |
| 12 chrD3.56007A | G | 0.001754 | 3990 |
| 12 chrD3.56079G | A | 0.3487 | 3966 |
| 12 chrD3.56126G | A | 0.3936 | 4002 |
| 12 chrD3.56214A | G | 0.3851 | 4002 |
| 12 chrD3.56263A | G | 0.2036 | 3984 |
| 12 chrD3.56278A | G | 0.2397 | 3818 |
| 12 chrD3.56302G | A | 0.3226 | 3990 |
| 12 chrD3.56362G | A | 0.03492 | 3666 |
| 12 chrD3.56404A | G | 0.07132 | 4010 |
| 12 chrD3.56457G | A | 0.4158 | 3956 |
| 12 chrD3.56482A | C | 0.1231 | 3998 |
| 12 chrD3.56578G | A | 0.2352 | 3950 |
| 12 chrD3.56545A | G | 0.4905 | 3990 |
| 12 chrD3.56611A | G | 0.0741 | 4008 |
| 12 chrD3.56619G | A | 0.4595 | 4002 |
| 12 chrD3.56671A | G | 0.2748 | 4000 |
| 12 chrD3.56801G | A | 0.1027 | 3992 |
| 12 chrD3.56830G | A | 0.3207 | 3970 |
| 12 chrD3.56935A | G | 0.0994 | 4004 |
| 12 chrD3.56975A | A | 0.354 | 3980 |
| 12 chrD3.57027A | G | 0.08621 | 4002 |
| 12 chrD3.57065A | G | 0.208 | 3972 |
| 12 chrD3.57098G | A | 0.06497 | 4002 |
| 12 chrD3.57115G | 0 G | 0 | 4010 |
| 12 chrD3.57122A | G | 0.3211 | 4002 |
| 12 chrD3.57167G | A | 0.05881 | 3996 |

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| 12 chrD3.57195 | A | G | 0.4612 | 3992 |
| 12 chrD3.57257 | A | G | 0.04137 | 3868 |
| 12 chrD3.57288 | A | G | 0.205 | 4000 |
| 12 chrD3.57326 | A | G | 0.274 | 3996 |
| 12 chrD3.57381 | A | G | 0.1118 | 3854 |
| 12 chrD3.57416 | A | C | 0.04204 | 3616 |
| 12 chrD3.57454 | A | G | 0.3322 | 3998 |
| 12 chrD3.57487 | A | G | 0.003027 | 3964 |
| 12 chrB1.22399 | A | G | 0.2392 | 3904 |
| 12 chrD3.57526 | A | G | 0.1551 | 3978 |
| 12 chrD3.57564 | A | C | 0.1533 | 3626 |
| 12 chrD4.62699 | A | G | 0.1579 | 4002 |
| 12 chrD3.57623 | A | G | 0.2931 | 4002 |
| 12 chrD3.57665 | A | G | 0.1985 | 4006 |
| 12 chrD3.57704 | A | G | 0.2354 | 4010 |
| 12 chrD3.57785 | A | G | 0.3714 | 3996 |
| 12 chrD3.57787 | A | G | 0.3489 | 4004 |
| 12 chrD3.57850 | A | G | 0.1281 | 4004 |
| 12 chrD3.57974 | A | C | 0.07107 | 4010 |
| 12 chrD3.58014 | A | G | 0.3004 | 3978 |
| 12 chrD3.58041 | A | G | 0.3067 | 3896 |
| 12 chrD3.58068 | A | C | 0.4298 | 3990 |
| 12 chrD3.58114 | A | G | 0.1402 | 3994 |
| 12 chrD3.58156 | A | G | 0.1533 | 3992 |
| 12 chrD3.58183 | A | G | 0.1394 | 4004 |
| 12 chrD3.58224 | A | G | 0.1659 | 3972 |
| 12 chrD3.58308 | A | G | 0.3129 | 3998 |
| 12 chrD3.58375 | A | G | 0.2088 | 3784 |
| 12 chrD3.58434 | A | G | 0.1348 | 3990 |
| 12 chrD3.58517 | A | G | 0.2843 | 4006 |
| 12 chrD3.58559 | A | C | 0.2558 | 3932 |
| 12 chrD3.58584 | A | G | 0.2022 | 3986 |
| 12 chrD3.58588 | A | G | 0.3732 | 3984 |
| 12 chrD3.58611 | A | G | 0.499 | 3996 |
| 12 chrD3.58652 | A | G | 0.1047 | 3992 |
| 12 chrD3.58705 | A | C | 0.2969 | 3968 |
| 12 chrD3.58750 | A | G | 0.3084 | 3988 |
| 12 chrD3.58822 | A | C | 0.342 | 3942 |
| 12 chrD3.58862 | A | G | 0.1073 | 3998 |
| 12 chrD3.58948 | A | G | 0.03518 | 4008 |
| 12 chrD3.58963 | A | 0 A | 0 | 4010 |

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| 12 chrD3.58975 | C | A | 0.3065 | 4006 |
| 12 chrD3.59013 | G | A | 0.1419 | 4004 |
| 12 chrD3.59065 | A | C | 0.4912 | 3972 |
| 12 chrD3.59101 | A | C | 0.1595 | 4006 |
| 12 chrD3.59137 | A | C | 0.4353 | 4004 |
| 12 chrD3.59185 | A | G | 0.03906 | 3994 |
| 12 chrD3.59214 | A | G | 0.2986 | 4006 |
| 12 chrD3.59271 | A | G | 0.1308 | 3992 |
| 12 chrD3.59313 | G | A | 0.2441 | 3982 |
| 12 chrD3.59342 | A | G | 0.07435 | 4008 |
| 12 chrD3.59373 | G | A | 0.1548 | 4004 |
| 12 chrD3.59406 | A | G | 0.1626 | 3998 |
| 12 chrD3.59458 | G | A | 0.169 | 4000 |
| 12 chrD3.59592 | G | A | 0.03125 | 3872 |
| 12 chrD3.59636 | A | C | 0.191 | 4010 |
| 12 chrD3.59678 | A | G | 0.1499 | 3968 |
| 12 chrD3.59765 | A | C | 0.4429 | 4008 |
| 12 chrD3.59791 | G | A | 0.321 | 3984 |
| 12 chrD3.59815 | G | A | 0.3483 | 3994 |
| 12 chrD3.59844 | A | G | 0.1933 | 4010 |
| 12 chrD3.59868 | G | A | 0.08633 | 4008 |
| 12 chrD3.59905 | A | C | 0.4208 | 4004 |
| 12 chrD3.59929 | G | A | 0.4808 | 4000 |
| 12 chrD3.59993 | A | G | 0.1116 | 4004 |
| 12 chrD3.60024 | G | A | 0.2134 | 3870 |
| 12 chrD3.60053 | A | G | 0.4825 | 3994 |
| 12 chrD3.60101 | A | A | 0.07642 | 4004 |
| 12 chrD3.60128 | A | G | 0.4612 | 3792 |
| 12 chrD3.60153 | A | G | 0.2678 | 4006 |
| 12 chrD3.60188 | A | G | 0.3824 | 3996 |
| 12 chrD3.60219 | G | A | 0.2189 | 3998 |
| 12 chrD3.60259 | C | A | 0.1598 | 3998 |
| 12 chrD3.60283 | G | A | 0.4043 | 3980 |
| 12 chrD3.60333 | G | A | 0.06113 | 4008 |
| 12 chrD3.60383 | G | A | 0.265 | 3996 |
| 12 chrD3.60429 | A | C | 0.06961 | 4008 |
| 12 chrD3.60462 | G | A | 0.1218 | 4008 |
| 12 chrD3.60489 | A | G | 0.03092 | 3816 |
| 12 chrD3.60516 | G | A | 0.09669 | 3992 |
| 12 chrD3.60555 | A | G | 0.3383 | 4002 |
| 12 chrD3.60604 | A | G | 0.002246 | 4008 |

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| 12 chrD3.60651G | A | 0.2129 | 3998 |
| 12 chrD3.60699A | G | 0.07061 | 3994 |
| 12 chrD3.60737A | C | 0.2399 | 3652 |
| 12 chrD3.60828G | A | 0.2631 | 3998 |
| 12 chrD3.60866G | A | 0.2876 | 3998 |
| 12 chrD3.60901A | C | 0.4883 | 3920 |
| 12 chrD3.60940A | G | 0.005991 | 4006 |
| 12 chrD3.60966A | G | 0.1596 | 3954 |
| 12 chrD3.61015A | C | 0.4351 | 3930 |
| 12 chrD3.61079A | G | 0.3349 | 4004 |
| 12 chrD3.61121G | A | 0.367 | 3986 |
| 12 chrD3.61167A | G | 0.4039 | 4008 |
| 12 chrD3.61250A | G | 0.009524 | 3990 |
| 12 chrD3.61291A | G | 0.1229 | 3980 |
| 12 chrD3.61306A | G | 0.04408 | 3970 |
| 12 chrD3.61322A | G | 0.3513 | 4002 |
| 12 chrD3.61376G | A | 0.2177 | 3992 |
| 12 chrD3.61402G | A | 0.06749 | 3986 |
| 12 chrD3.61439G | A | 0.08525 | 4000 |
| 12 chrD3.61473G | A | 0.3025 | 3990 |
| 12 chrD3.61502G | A | 0.4314 | 3996 |
| 12 chrD3.61537A | G | 0.08986 | 3984 |
| 12 chrD3.61624G | A | 0.08793 | 3992 |
| 12 chrUn.72772A | G | 0.002001 | 3998 |
| 12 chrD3.61696A | G | 0.07125 | 4000 |
| 12 chrD3.61720G | A | 0.1783 | 3998 |
| 12 chrD3.61749A | G | 0.197 | 3980 |
| 12 chrD3.61804A | G | 0.0983 | 3998 |
| 12 chrD3.61861A | G | 0.09149 | 3760 |
| 12 chrD3.61886A | G | 0.03867 | 3620 |
| 12 chrD3.61980G | A | 0.2793 | 3982 |
| 12 chrD3.62052G | A | 0.4466 | 3934 |
| 12 chrD3.62062A | G | 0.05765 | 3868 |
| 12 chrD3.62125G | A | 0.4465 | 3984 |
| 12 chrUn.66429A | G | 0.1571 | 4004 |
| 12 chrD3.62198A | C | 0.2126 | 4008 |
| 12 chrD3.62242G | A | 0.4397 | 3996 |
| 12 chrD3.62274A | G | 0.07182 | 3996 |
| 12 chrD3.62330A | G | 0.08479 | 3998 |
| 12 chrD3.62407A | G | 0.443 | 4000 |
| 12 chrD3.62444A | A | 0.3989 | 3996 |

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| 12 chrD3.62469 | G | A | 0.1131 | 3996 |
| 12 chrD3.62621 | A | G | 0.3098 | 4006 |
| 12 chrD3.62671 | A | C | 0.0167 | 3832 |
| 12 chrD3.62702 | A | G | 0.2694 | 3942 |
| 12 chrD3.62735 | G | A | 0.3698 | 4002 |
| 12 chrD3.62792 | A | G | 0.4698 | 3972 |
| 12 chrD3.62833 | G | A | 0.3479 | 4004 |
| 12 chrD3.62908 | A | G | 0.1831 | 4008 |
| 12 chrD3.62948 | G | A | 0.06075 | 4000 |
| 12 chrUn.33328 | C | A | 0.02521 | 4006 |
| 12 chrD3.62992 | G | A | 0.2194 | 4002 |
| 12 chrD3.63037 | A | G | 0.157 | 4006 |
| 12 chrD3.63064 | A | C | 0.06692 | 3990 |
| 12 chrD3.63103 | A | C | 0.2686 | 3988 |
| 12 chrD3.63150 | C | A | 0.2489 | 3990 |
| 12 chrD3.63185 | A | G | 0.02269 | 4010 |
| 12 chrD3.63258 | C | A | 0.1915 | 3906 |
| 12 chrD3.63307 | A | G | 0.2461 | 3966 |
| 12 chrD3.63334 | A | G | 0.1799 | 3992 |
| 12 chrD3.63362 | A | G | 0.07416 | 3708 |
| 12 chrD3.63436 | G | A | 0.4735 | 3998 |
| 12 chrD3.63463 | A | G | 0.07984 | 4008 |
| 12 chrD3.63547 | A | G | 0.1737 | 3984 |
| 12 chrD3.63581 | G | A | 0.1727 | 3984 |
| 12 chrD3.63637 | A | G | 0.3784 | 3996 |
| 12 chrD3.63688 | A | C | 0.1513 | 3998 |
| 12 chrD3.63724 | G | A | 0.1718 | 4010 |
| 12 chrD3.63753 | A | G | 0.1331 | 3974 |
| 12 chrD3.63841 | A | A | 0.232 | 4004 |
| 12 chrD3.63883 | A | G | 0.04323 | 4002 |
| 12 chrD3.63950 | A | A | 0.3287 | 3986 |
| 12 chrD3.64202 | G | A | 0.07688 | 4006 |
| 12 chrD3.64018 | A | G | 0.1173 | 3786 |
| 12 chrD3.64148 | A | G | 0.3119 | 3992 |
| 12 chrD3.64065 | A | G | 0.3586 | 4004 |
| 12 chrD3.64099 | A | A | 0.173 | 4006 |
| 12 chrD3.64253 | G | A | 0.1946 | 4008 |
| 12 chrD3.64300 | A | G | 0.2244 | 4006 |
| 12 chrD3.64369 | G | A | 0.35 | 4008 |
| 12 chrD3.64381 | A | G | 0.3489 | 4004 |
| 12 chrD3.64401 | A | G | 0.3531 | 3840 |

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| 12 chrD3.64488 | G | A | 0.03746 | 4004 |
| 12 chrD3.64493 | A | G | 0.1875 | 3974 |
| 12 chrD3.64571 | A | A | 0.1807 | 3996 |
| 12 chrD3.64603 | A | G | 0.05447 | 4002 |
| 12 chrD3.64635 | A | C | 0.2355 | 3838 |
| 12 chrUn.21898 | G | A | 0.1809 | 3924 |
| 12 chrD3.64690 | G | A | 0.1025 | 3992 |
| 12 chrUn.72830 | A | G | 0.2947 | 4008 |
| 12 chrD3.64765 | G | A | 0.1657 | 4002 |
| 12 chrD3.64792 | A | G | 0.0273 | 3956 |
| 12 chrD3.64845 | A | G | 0.2786 | 3998 |
| 12 chrD3.64887 | A | G | 0.2685 | 3970 |
| 12 chrD3.64920 | A | C | 0.05907 | 3826 |
| 12 chrD3.64948 | A | G | 0.081 | 4000 |
| 12 chrD3.64977 | A | G | 0.3259 | 4004 |
| 12 chrD3.65004 | G | A | 0.3172 | 3998 |
| 12 chrD3.65036 | A | G | 0.2914 | 4002 |
| 12 chrD3.65072 | G | A | 0.2402 | 3864 |
| 12 chrD3.65110 | A | G | 0.4693 | 4008 |
| 12 chrD3.65193 | G | A | 0.1678 | 3964 |
| 12 chrD3.65349 | A | G | 0.1045 | 4008 |
| 12 chrD3.65385 | A | G | 0.2016 | 3710 |
| 12 chrD3.65579 | A | G | 0.3127 | 3994 |
| 12 chrD3.65672 | A | G | 0.1531 | 3788 |
| 12 chrUn.69096 | A | C | 0.02793 | 4010 |
| 12 chrD3.65787 | A | G | 0.1376 | 4004 |
| 12 chrD3.65845 | A | C | 0.1124 | 4002 |
| 12 chrD3.66119 | C | A | 0.3839 | 3998 |
| 12 chrD3.66159 | A | G | 0.3174 | 3976 |
| 12 chrD3.66198 | G | A | 0.32 | 3994 |
| 12 chrD3.66228 | A | G | 0.1036 | 3988 |
| 12 chrD3.66273 | C | A | 0.1995 | 4006 |
| 12 chrD3.66292 | A | G | 0.3386 | 3996 |
| 12 chrD3.66343 | G | A | 0.07838 | 4006 |
| 12 chrD3.66395 | G | A | 0.1147 | 3888 |
| 12 chrD3.66489 | G | A | 0.0106 | 3962 |
| 12 chrD3.66607 | C | A | 0.3378 | 3780 |
| 12 chrD3.66744 | A | G | 0.3492 | 3998 |
| 12 chrD3.66774 | A | G | 0.1331 | 3988 |
| 12 chrD3.66823 | C | A | 0.4848 | 3938 |
| 12 chrD3.66967 | A | G | 0.3338 | 3922 |

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| 12 chrD3.66993(A | G | 0.1003 | 4006 |
| 12 chrD3.67027(A | G | 0.1916 | 3924 |
| 12 chrD3.67089(A | G | 0.1189 | 3758 |
| 12 chrD3.67138(A | G | 0.1005 | 4000 |
| 12 chrD3.67215(A | A | 0.1287 | 4002 |
| 12 chrD3.67239(A | G | 0.2534 | 3978 |
| 12 chrD3.67282(A | A | 0.4723 | 4008 |
| 12 chrD3.67398(A | G | 0.3126 | 3996 |
| 12 chrD3.67517(A | G | 0.02696 | 4006 |
| 12 chrD3.67567(A | A | 0.2641 | 3994 |
| 12 chrD3.67594(A | G | 0.3716 | 4002 |
| 12 chrD3.67633(A | A | 0.2872 | 4004 |
| 12 chrD3.67666(A | G | 0.2398 | 3982 |
| 12 chrD3.67698(A | G | 0.4621 | 4008 |
| 12 chrD3.67818(A | A | 0.4149 | 3982 |
| 12 chrD3.67850(A | G | 0.433 | 4002 |
| 12 chrD3.67902(A | C | 0.1629 | 4008 |
| 12 chrD3.67971(A | G | 0.3774 | 4006 |
| 12 chrD3.67998(A | A | 0.1696 | 3998 |
| 12 chrD3.68030(A | A | 0.4365 | 4002 |
| 12 chrD3.68068(A | G | 0.06157 | 3914 |
| 12 chrD3.68111(A | G | 0.2187 | 4006 |
| 12 chrD3.68187(A | A | 0.004505 | 3996 |
| 12 chrD3.68200(A | A | 0.0542 | 3930 |
| 12 chrD3.68214(A | A | 0.1284 | 3996 |
| 12 chrD3.68259(A | G | 0.01422 | 4008 |
| 12 chrD3.68287(A | G | 0.243 | 3860 |
| 12 chrD3.68368(A | G | 0.2417 | 3810 |
| 12 chrD3.68398(A | C | 0.0686 | 3936 |
| 12 chrD3.68435(A | A | 0.4768 | 3974 |
| 12 chrD3.68527(A | A | 0.09119 | 3926 |
| 12 chrD3.68607(A | G | 0.4015 | 4002 |
| 12 chrD3.68629(A | 0 A | 0 | 4010 |
| 12 chrD3.68653(A | G | 0.1847 | 4006 |
| 12 chrD3.68706(A | G | 0.04648 | 4002 |
| 12 chrD3.68780(A | C | 0.1387 | 3988 |
| 12 chrD3.68811(A | G | 0.1513 | 4006 |
| 12 chrD3.68853(A | A | 0.238 | 3996 |
| 12 chrD3.68876(A | G | 0.3048 | 4006 |
| 12 chrD3.68881(A | G | 0.2899 | 3998 |
| 12 chrD3.68907(A | A | 0.3329 | 4004 |

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| 12 chrD3.68957(G | A | 0.4661 | 3988 |
| 12 chrD3.69015(C | A | 0.4428 | 4004 |
| 12 chrD3.69046(G | A | 0.3546 | 3968 |
| 12 chrD3.69099(G | A | 0.3061 | 3910 |
| 12 chrD3.69129(A | G | 0.2214 | 3998 |
| 12 chrD3.69171(A | G | 0.08279 | 4010 |
| 12 chrD3.69208(A | G | 0.09275 | 4000 |
| 12 chrD3.69255(A | G | 0.009995 | 4002 |
| 12 chrD3.69282(G | A | 0.1751 | 3992 |
| 12 chrD3.69323(C | C | 0.3292 | 4004 |
| 12 chrD3.69359(G | A | 0.247 | 3806 |
| 12 chrD3.69396(A | G | 0.2985 | 3986 |
| 12 chrD3.69440(C | A | 0.3927 | 3868 |
| 12 chrD3.69510(G | A | 0.492 | 4002 |
| 12 chrD3.69547(A | G | 0.009491 | 4004 |
| 12 chrD3.69590(A | C | 0.02189 | 3746 |
| 12 chrD3.69600(A | G | 0.01173 | 4008 |
| 12 chrD3.69638(C | A | 0.255 | 4000 |
| 12 chrD3.69753(A | G | 0.223 | 4000 |
| 12 chrD3.69779(A | G | 0.02376 | 3998 |
| 12 chrD3.69833(A | G | 0.1318 | 4000 |
| 12 chrD3.69862(G | A | 0.1257 | 4008 |
| 12 chrD3.69885(G | A | 0.02592 | 3974 |
| 12 chrD3.69913(A | G | 0.1559 | 4008 |
| 12 chrD3.69961(G | A | 0.2689 | 3998 |
| 12 chrD3.70068(G | A | 0.2899 | 3912 |
| 12 chrD3.70092(G | A | 0.08629 | 3998 |
| 12 chrD3.70139(G | A | 0.2343 | 3982 |
| 12 chrD3.70206(G | A | 0.03639 | 3792 |
| 12 chrD3.70260(A | G | 0.3598 | 4000 |
| 12 chrD3.70284(G | A | 0.3923 | 4002 |
| 12 chrD3.70322(G | A | 0.485 | 3988 |
| 12 chrD3.70366(A | G | 0.2574 | 4002 |
| 12 chrD3.70397(A | C | 0.1191 | 3812 |
| 12 chrD3.70436(A | C | 0.4432 | 4000 |
| 12 chrD3.70474(A | G | 0.4264 | 3982 |
| 12 chrD3.70529(A | G | 0.2052 | 4006 |
| 12 chrD3.70558(A | G | 0.2469 | 4002 |
| 12 chrD3.70582(A | G | 0.4174 | 3972 |
| 12 chrD3.70667(A | G | 0.01486 | 3904 |
| 12 chrD3.70701(A | A | 0.001776 | 3942 |

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|----------------|---|---------|------|
| 12 chrD3.70725 | C | 0.305 | 3980 |
| 12 chrD3.70764 | G | 0.00699 | 4006 |
| 12 chrD3.70830 | G | 0.03195 | 4006 |
| 12 chrD3.70845 | A | 0.04645 | 4004 |
| 12 chrD3.70877 | C | 0.1327 | 3994 |
| 12 chrD3.70943 | A | 0.03967 | 4008 |
| 12 chrD3.70967 | G | 0.03908 | 3992 |
| 12 chrD3.71010 | G | 0.1536 | 3998 |
| 12 chrD3.71040 | G | 0.48 | 4006 |
| 12 chrD3.71073 | A | 0.09685 | 4006 |
| 12 chrD3.71098 | G | 0.05622 | 4002 |
| 12 chrD3.71130 | G | 0.3964 | 3988 |
| 12 chrD3.71173 | A | 0.2356 | 4002 |
| 12 chrD3.71209 | A | 0.252 | 3976 |
| 12 chrD3.71234 | A | 0.1279 | 3838 |
| 12 chrD3.71279 | G | 0.01697 | 4008 |
| 12 chrD3.71331 | C | 0.08738 | 3994 |
| 12 chrD3.71381 | G | 0.3564 | 3998 |
| 12 chrD3.71468 | A | 0.04668 | 4006 |
| 12 chrD3.71514 | C | 0.03794 | 3980 |
| 12 chrD3.71553 | A | 0.06069 | 4004 |
| 12 chrD3.71608 | G | 0.03268 | 4008 |
| 12 chrD3.71665 | A | 0.1644 | 4002 |
| 12 chrD3.71702 | G | 0.07739 | 3786 |
| 12 chrD3.71748 | G | 0.1098 | 3898 |
| 12 chrD3.71785 | A | 0.03119 | 4008 |
| 12 chrD3.71818 | A | 0.1109 | 4002 |
| 12 chrD3.71863 | G | 0.3824 | 3996 |
| 12 chrD3.71891 | G | 0.01521 | 4010 |
| 12 chrD3.71950 | G | 0.1133 | 4008 |
| 12 chrD3.71980 | A | 0.09884 | 3956 |
| 12 chrD3.72042 | G | 0.08149 | 3988 |
| 12 chrD3.72066 | A | 0.4179 | 3970 |
| 12 chrD3.72109 | A | 0.2315 | 4000 |
| 12 chrD3.72134 | G | 0.1616 | 4004 |
| 12 chrD3.72145 | A | 0.3255 | 4006 |
| 12 chrD3.72184 | A | 0.3126 | 3996 |
| 12 chrD3.72217 | A | 0.4799 | 3936 |
| 12 chrD3.72249 | A | 0.3001 | 3982 |
| 12 chrD3.72300 | C | 0.4022 | 3926 |
| 12 chrD3.72364 | A | 0.4113 | 3956 |

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| 12 chrD3.724194 | C | A | 0.407 | 3892 |
| 12 chrD3.724531 | G | A | 0.3568 | 3960 |
| 12 chrD3.724948 | A | C | 0.2202 | 4006 |
| 12 chrD3.725228 | G | A | 0.1915 | 4010 |
| 12 chrD3.726271 | A | G | 0.4757 | 3986 |
| 12 chrD3.726691 | C | A | 0.03286 | 3956 |
| 12 chrD3.727041 | G | A | 0.2387 | 3954 |
| 12 chrD3.727297 | A | C | 0.2133 | 3840 |
| 12 chrD3.727571 | G | A | 0.04092 | 3910 |
| 12 chrD3.728314 | A | G | 0.2062 | 4000 |
| 12 chrD3.728611 | G | A | 0.04496 | 4004 |
| 12 chrD3.728871 | G | A | 0.2222 | 3988 |
| 12 chrD3.729269 | A | G | 0.1816 | 4004 |
| 12 chrD3.729644 | A | G | 0.3531 | 4004 |
| 12 chrD3.730144 | A | G | 0.2233 | 3982 |
| 12 chrD3.731107 | A | G | 0.3857 | 4006 |
| 12 chrD3.731401 | C | A | 0.199 | 4000 |
| 12 chrD3.732159 | A | G | 0.06887 | 3906 |
| 12 chrD3.732540 | C | A | 0.04229 | 3996 |
| 12 chrD3.732968 | G | A | 0.04112 | 3988 |
| 12 chrD3.733451 | A | G | 0.207 | 3990 |
| 12 chrD3.733841 | A | G | 0.4897 | 3992 |
| 12 chrD3.734091 | G | A | 0.2012 | 3966 |
| 12 chrD3.734438 | G | A | 0.094 | 4000 |
| 12 chrD3.734508 | A | G | 0.2545 | 4000 |
| 12 chrD3.734771 | C | A | 0.4085 | 3976 |
| 12 chrD3.735811 | C | A | 0.4244 | 3982 |
| 12 chrD3.736071 | G | A | 0.3758 | 3944 |
| 12 chrD3.736321 | G | A | 0.001252 | 3994 |
| 12 chrD3.736821 | A | G | 0.3346 | 3948 |
| 12 chrD3.737218 | A | G | 0.2562 | 4008 |
| 12 chrD3.738331 | G | A | 0.3469 | 3958 |
| 12 chrD3.738571 | A | C | 0.4411 | 4006 |
| 12 chrD3.739020 | A | C | 0.1836 | 3998 |
| 12 chrD3.739510 | C | A | 0.1784 | 3980 |
| 12 chrD3.740561 | G | A | 0.3718 | 4008 |
| 12 chrD3.741631 | G | A | 0.3977 | 3950 |
| 12 chrD3.742564 | A | G | 0.3185 | 4006 |
| 12 chrD3.743371 | A | G | 0.4288 | 4000 |
| 12 chrD3.743918 | G | A | 0.05531 | 3996 |
| 12 chrD3.744169 | A | G | 0.2486 | 3890 |

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| 12 chrD3.74470(G | A | 0.05146 | 3984 |
| 12 chrD3.74500(A | G | 0.01153 | 3990 |
| 12 chrD3.74513(A | G | 0.4246 | 3992 |
| 12 chrD3.74551(A | C | 0.298 | 3892 |
| 12 chrD3.74579(A | G | 0.02862 | 3878 |
| 12 chrD3.74628(C | A | 0.2629 | 3978 |
| 12 chrD3.74688(G | A | 0.2547 | 3958 |
| 12 chrD3.74755(G | A | 0.2405 | 3958 |
| 12 chrD3.74824(G | A | 0.02599 | 4002 |
| 12 chrD3.74856(G | A | 0.3762 | 3998 |
| 12 chrD3.74885(A | G | 0.2423 | 3880 |
| 12 chrD3.74923(A | G | 0.134 | 3994 |
| 12 chrD3.74984(A | G | 0.008919 | 3924 |
| 12 chrD3.75024(A | G | 0.07057 | 4010 |
| 12 chrD3.75073(A | C | 0.2714 | 3998 |
| 12 chrD3.75128(G | A | 0.2382 | 3976 |
| 12 chrD3.75157(C | A | 0.0035 | 4000 |
| 12 chrD3.75193(A | G | 0.04545 | 4004 |
| 12 chrD3.75229(A | C | 0.196 | 3984 |
| 12 chrD3.75261(G | A | 0.01771 | 4008 |
| 12 chrD3.75298(A | G | 0.08155 | 4010 |
| 12 chrD3.75343(A | G | 0.06923 | 3900 |
| 12 chrX.138852(A | G | 0.001254 | 3988 |
| 12 chrX.138861(A | C | 0.09681 | 4008 |
| 12 chrX.138961(C | A | 0.07023 | 3816 |
| 12 chrX.138987(G | A | 0.2065 | 3996 |
| 12 chrD3.75555(A | C | 0.3708 | 4000 |
| 12 chrX.139123(G | A | 0.4186 | 3970 |
| 12 chrX.139217(G | A | 0.07708 | 3996 |
| 12 chrX.139276(G | A | 0.003758 | 3992 |
| 12 chrX.139301(A | G | 0.3075 | 3938 |
| 12 chrD3.75655(A | G | 0.3244 | 3992 |
| 12 chrD3.75701(A | G | 0.106 | 3992 |
| 12 chrD3.75710(A | G | 0.05287 | 4010 |
| 12 chrD3.75804(A | G | 0.3013 | 3966 |
| 12 chrD3.75813(A | G | 0.08776 | 3954 |
| 12 chrD3.75846(G | A | 0.3082 | 3942 |
| 12 chrD3.75872(G | A | 0.2895 | 3962 |
| 12 chrD3.75919(A | G | 0.1198 | 4006 |
| 12 chrD3.75969(C | A | 0.2242 | 3988 |
| 12 chrD3.76000(A | G | 0.1866 | 3896 |

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| 12 chrD3.760375 | G | A | 0.2938 | 4006 |
| 12 chrD3.761125 | G | A | 0.2417 | 3992 |
| 12 chrD3.761855 | C | A | 0.307 | 3954 |
| 12 chrD3.762354 | G | A | 0.4788 | 4002 |
| 12 chrD3.762918 | A | G | 0.4331 | 4006 |
| 12 chrD3.763205 | A | G | 0.1259 | 3932 |
| 12 chrD3.763715 | G | A | 0.1454 | 3996 |
| 12 chrD3.764125 | C | A | 0.03914 | 3730 |
| 12 chrD3.764665 | G | A | 0.3504 | 4004 |
| 12 chrD3.765195 | A | G | 0.1926 | 3988 |
| 12 chrD3.765495 | A | G | 0.07937 | 3616 |
| 12 chrD3.765855 | G | A | 0.3819 | 3978 |
| 12 chrD3.766185 | A | G | 0.1575 | 3988 |
| 12 chrD3.766525 | A | G | 0.1807 | 4002 |
| 12 chrD3.766785 | A | G | 0.08342 | 4004 |
| 12 chrD3.766795 | A | G | 0.1952 | 3990 |
| 12 chrD3.767365 | G | A | 0.4552 | 3992 |
| 12 chrD3.767765 | G | A | 0.3146 | 4002 |
| 12 chrD3.768355 | G | A | 0.1416 | 3644 |
| 12 chrD3.768655 | A | G | 0.2927 | 3994 |
| 12 chrD3.768935 | G | A | 0.3872 | 3980 |
| 12 chrD3.769235 | G | A | 0.454 | 3996 |
| 12 chrD3.769764 | A | G | 0.3771 | 3946 |
| 12 chrD3.770914 | A | G | 0.2507 | 4004 |
| 12 chrD3.771218 | A | G | 0.05572 | 4002 |
| 12 chrD3.771815 | A | G | 0.431 | 3986 |
| 12 chrD3.772644 | A | G | 0.1833 | 4000 |
| 12 chrD3.773265 | A | G | 0.1088 | 3998 |
| 12 chrD3.773518 | A | G | 0.1004 | 4004 |
| 12 chrD3.774095 | A | G | 0.1347 | 3986 |
| 12 chrD3.774675 | C | A | 0.2056 | 3998 |
| 12 chrD3.774975 | G | A | 0.445 | 3980 |
| 12 chrD3.775315 | A | G | 0.1718 | 3982 |
| 12 chrD3.775915 | G | A | 0.09625 | 4000 |
| 12 chrD3.776234 | G | A | 0.1579 | 4002 |
| 12 chrX.984734 | C | G | 0.02618 | 4010 |
| 12 chrD3.776795 | G | A | 0.01183 | 3888 |
| 12 chrD3.777525 | G | A | 0.1935 | 3902 |
| 12 chrD3.777955 | G | A | 0.2138 | 3994 |
| 12 chrD3.778264 | A | G | 0.3575 | 3986 |
| 12 chrD3.779255 | A | G | 0.2321 | 4002 |

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| 12 chrUn.39595(G | A | 0.2116 | 4002 |
| 12 chrD3.77978(A | G | 0.39 | 4010 |
| 12 chrD3.78002(A | C | 0.1764 | 3934 |
| 12 chrD3.78037(A | G | 0.01494 | 3950 |
| 12 chrD3.78164(A | G | 0.3596 | 3996 |
| 12 chrD3.78178(G | A | 0.009868 | 3952 |
| 12 chrD3.78215(G | A | 0.04416 | 4008 |
| 12 chrD3.78261(G | A | 0.3442 | 3910 |
| 12 chrD3.78328(A | G | 0.1677 | 3900 |
| 12 chrD3.78389(A | G | 0.03457 | 3992 |
| 12 chrD3.78422(G | A | 0.4497 | 3974 |
| 12 chrD3.78457(G | A | 0.02606 | 3914 |
| 12 chrD3.78466(G | A | 0.2274 | 3988 |
| 12 chrD3.78497(G | A | 0.1722 | 4006 |
| 12 chrD3.78556(G | A | 0.4883 | 4002 |
| 12 chrD3.78597(A | G | 0.07596 | 4002 |
| 12 chrD3.78645(C | A | 0.2571 | 3742 |
| 12 chrD3.78673(G | A | 0.03318 | 4008 |
| 12 chrD3.78701(A | G | 0.2751 | 3602 |
| 12 chrD3.78762(A | C | 0.4217 | 3960 |
| 12 chrD3.78809(A | G | 0.1301 | 3704 |
| 12 chrD3.78851(A | G | 0.3405 | 3974 |
| 12 chrD3.78890(G | A | 0.09256 | 3976 |
| 12 chrD3.78914(G | A | 0.4271 | 3990 |
| 12 chrD3.78957(A | G | 0.3684 | 3996 |
| 12 chrD3.79128(A | G | 0.4595 | 4000 |
| 12 chrD3.79242(C | A | 0.3372 | 3998 |
| 12 chrD3.79283(A | C | 0.1245 | 3992 |
| 12 chrD3.79299(A | G | 0.001747 | 4006 |
| 12 chrD3.79354(A | G | 0.1598 | 4004 |
| 12 chrD3.79387(C | A | 0.188 | 4000 |
| 12 chrD3.79484(A | G | 0.03744 | 3980 |
| 12 chrD3.79509(A | C | 0.3631 | 3902 |
| 12 chrD3.79557(G | A | 0.447 | 3980 |
| 12 chrD3.79610(C | A | 0.3168 | 3990 |
| 12 chrD3.79650(C | A | 0.1339 | 4004 |
| 12 chrD3.79682(G | A | 0.1618 | 4006 |
| 12 chrD3.79708(A | G | 0.2286 | 3924 |
| 12 chrD3.79750(A | G | 0.4076 | 3992 |
| 12 chrD3.79783(G | A | 0.2751 | 4006 |
| 12 chrD3.79809(G | A | 0.4863 | 4006 |

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| 12 chrD3.79858 | C | A | 0.2911 | 3988 |
| 12 chrD3.79924 | A | G | 0.4028 | 3990 |
| 12 chrD3.79970 | G | A | 0.3879 | 3998 |
| 12 chrD3.80017 | C | A | 0.1663 | 3788 |
| 12 chrD3.80051 | A | G | 0.1479 | 4002 |
| 12 chrD3.80080 | C | A | 0.1857 | 3792 |
| 12 chrD3.80132 | A | G | 0.2097 | 3958 |
| 12 chrD3.80164 | A | G | 0.0975 | 4000 |
| 12 chrD3.80207 | C | A | 0.2128 | 3928 |
| 12 chrD3.80250 | C | A | 0.4356 | 3988 |
| 12 chrD3.80276 | A | G | 0.2838 | 4010 |
| 12 chrD3.80335 | G | A | 0.2298 | 4000 |
| 12 chrD3.80363 | C | 0 G | 0 | 4010 |
| 12 chrD3.80419 | C | A | 0.04645 | 3918 |
| 12 chrD3.80460 | A | G | 0.1352 | 4000 |
| 12 chrUn.32601 | A | G | 0.4244 | 3994 |
| 12 chrD3.80553 | G | A | 0.3248 | 4002 |
| 12 chrB3.74195 | C | A | 0.4124 | 3984 |
| 12 chrD3.80597 | G | A | 0.1674 | 4002 |
| 12 chrD3.80646 | A | G | 0.07406 | 4010 |
| 12 chrD3.80744 | A | C | 0.08217 | 4004 |
| 12 chrD3.80777 | G | A | 0.1613 | 4010 |
| 12 chrD3.80803 | G | A | 0.2398 | 3982 |
| 12 chrD3.80840 | A | G | 0.1151 | 3988 |
| 12 chrD3.80870 | A | G | 0.07089 | 4006 |
| 12 chrD3.80936 | C | A | 0.0694 | 4006 |
| 12 chrD3.80983 | A | C | 0.2633 | 3984 |
| 12 chrD3.81021 | A | G | 0.3234 | 3940 |
| 12 chrD3.81046 | A | G | 0.2564 | 3966 |
| 12 chrD3.81077 | G | A | 0.07667 | 4004 |
| 12 chrD3.81113 | A | G | 0.2424 | 4006 |
| 12 chrD3.81138 | A | G | 0.205 | 3956 |
| 12 chrD3.81257 | A | G | 0.3921 | 3892 |
| 12 chrD3.81308 | A | G | 0.2575 | 4000 |
| 12 chrD3.81325 | A | G | 0.1148 | 4006 |
| 12 chrD3.81365 | A | G | 0.4331 | 3976 |
| 12 chrD3.81415 | G | A | 0.1753 | 3988 |
| 12 chrD3.81418 | A | G | 0.3283 | 3990 |
| 12 chrD3.81450 | A | G | 0.347 | 3980 |
| 12 chrC2.31850 | A | G | 0.2901 | 3992 |
| 12 chrD3.81479 | A | C | 0.3115 | 4000 |

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| 12 chrD3.81512(A | G | 0.1429 | 4004 |
| 12 chrD3.81555(A | G | 0.0323 | 3994 |
| 12 chrD3.81596(A | G | 0.1246 | 4006 |
| 12 chrD3.81626(G | A | 0.366 | 3992 |
| 12 chrD3.81651(C | A | 0.4965 | 3990 |
| 12 chrD3.81712(A | C | 0.4831 | 3974 |
| 12 chrD3.81764(G | A | 0.1902 | 3944 |
| 12 chrD3.81808(G | A | 0.266 | 4008 |
| 12 chrD3.81846(| 0 C | 0 | 4004 |
| 12 chrD3.81849(A | C | 0.3041 | 3962 |
| 12 chrD3.81879(A | G | 0.05719 | 4004 |
| 12 chrD3.81915(A | G | 0.2236 | 4008 |
| 12 chrD3.81943(G | A | 0.1103 | 4008 |
| 12 chrD3.81977(C | A | 0.3687 | 3952 |
| 12 chrD3.82009(C | A | 0.08074 | 3988 |
| 12 chrD3.82071(A | C | 0.1204 | 3986 |
| 12 chrD3.82128(G | A | 0.416 | 3986 |
| 12 chrD3.82167(A | G | 0.4228 | 4000 |
| 12 chrD3.82241(A | G | 0.2984 | 3924 |
| 12 chrD3.82294(A | G | 0.3506 | 3948 |
| 12 chrD3.82338(A | G | 0.2064 | 3930 |
| 12 chrD3.82379(G | A | 0.4832 | 3876 |
| 12 chrD3.82463(A | G | 0.3657 | 3992 |
| 12 chrD3.82524(A | G | 0.4121 | 3902 |
| 12 chrD3.82574(G | A | 0.3836 | 4004 |
| 12 chrD3.82600(A | G | 0.2274 | 4006 |
| 12 chrD3.82641(A | C | 0.1909 | 3992 |
| 12 chrD3.82685(A | G | 0.02399 | 3876 |
| 12 chrD3.82715(G | A | 0.2219 | 4006 |
| 12 chrD3.82723(G | A | 0.02 | 3900 |
| 12 chrD3.82743(G | A | 0.4357 | 3998 |
| 12 chrD3.82779(A | G | 0.1102 | 3910 |
| 12 chrD3.82805(A | G | 0.017 | 4000 |
| 12 chrD3.82867(A | G | 0.1856 | 3998 |
| 12 chrD3.82909(A | G | 0.01154 | 3898 |
| 12 chrD3.82944(A | G | 0.211 | 4004 |
| 12 chrD3.82999(A | C | 0.2635 | 3996 |
| 12 chrD3.83051(A | G | 0.1175 | 4000 |
| 12 chrUn.53213(A | G | 0.1176 | 3998 |
| 12 chrD3.83082(A | G | 0.4225 | 4000 |
| 12 chrD3.83106(G | A | 0.2859 | 3966 |

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| 12 chrD3.83132(A | G | 0.1838 | 4004 |
| 12 chrD3.83161(G | A | 0.05763 | 4008 |
| 12 chrD3.83180(C | A | 0.1216 | 4006 |
| 12 chrD3.83191(G | A | 0.0766 | 4008 |
| 12 chrD3.83232(G | A | 0.3969 | 4006 |
| 12 chrD3.83329(G | A | 0.4922 | 3984 |
| 12 chrD3.83363(A | G | 0.04532 | 3994 |
| 12 chrD3.83423(G | A | 0.07788 | 4006 |
| 12 chrD3.83497(A | G | 0.2683 | 4006 |
| 12 chrD3.83534(G | A | 0.08571 | 3990 |
| 12 chrD3.83596(G | A | 0.2075 | 3980 |
| 12 chrD3.83691(G | A | 0.02395 | 4008 |
| 12 chrD3.83723(A | G | 0.4892 | 3996 |
| 12 chrD3.83757(A | C | 0.1399 | 4002 |
| 12 chrD3.83795(G | A | 0.3088 | 3996 |
| 12 chrD3.83868(A | G | 0.06216 | 3990 |
| 12 chrD3.83929(A | G | 0.3531 | 3956 |
| 12 chrD3.83965(C | A | 0.2159 | 4006 |
| 12 chrD3.84002(A | C | 0.4531 | 3990 |
| 12 chrD3.84105(A | C | 0.2522 | 4000 |
| 12 chrD3.84156(G | A | 0.3133 | 4006 |
| 12 chrD3.84193(G | A | 0.1993 | 4000 |
| 12 chrD3.84246(A | C | 0.0802 | 3990 |
| 12 chrD3.84258(G | A | 0.2685 | 3996 |
| 12 chrD3.84276(A | C | 0.3193 | 3962 |
| 12 chrD3.84310(A | G | 0.2445 | 3984 |
| 12 chrD3.84335(| 0 A | 0 | 4010 |
| 12 chrD3.84369(A | G | 0.1935 | 3876 |
| 12 chrD3.84410(A | C | 0.02621 | 4006 |
| 12 chrD3.84460(A | G | 0.2425 | 4004 |
| 12 chrD3.84486(A | G | 0.2449 | 3956 |
| 12 chrD3.84518(C | A | 0.4584 | 4010 |
| 12 chrD3.84556(G | G | 0.3468 | 3942 |
| 12 chrD3.84622(A | G | 0.1849 | 3996 |
| 12 chrD3.84646(A | G | 0.3718 | 4002 |
| 12 chrD3.84681(C | A | 0.3787 | 3670 |
| 12 chrD3.84781(A | G | 0.000999 | 4004 |
| 12 chrD3.84808(A | G | 0.02121 | 4008 |
| 12 chrD3.84886(A | C | 0.05536 | 4010 |
| 12 chrD3.84915(G | A | 0.2613 | 3996 |
| 12 chrD3.85054(A | C | 0.3366 | 3984 |

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| 12 chrD3.851077 | G | A | 0.2244 | 3998 |
| 12 chrD3.851414 | G | A | 0.4439 | 3990 |
| 12 chrD3.851679 | A | G | 0.1105 | 3974 |
| 12 chrD3.852083 | A | G | 0.1382 | 4008 |
| 12 chrD3.852361 | A | G | 0.3011 | 3986 |
| 12 chrD3.852621 | A | G | 0.3218 | 4002 |
| 12 chrD3.853164 | A | G | 0.4079 | 3984 |
| 12 chrD3.853354 | A | 0 G | 0 | 4010 |
| 12 chrD3.853587 | A | G | 0.3637 | 3992 |
| 12 chrD3.854001 | A | G | 0.2779 | 3984 |
| 12 chrD3.854561 | A | G | 0.2878 | 3950 |
| 12 chrD3.855401 | G | A | 0.1302 | 4002 |
| 12 chrD3.856049 | A | G | 0.07829 | 3998 |
| 12 chrD3.856453 | A | G | 0.3646 | 3980 |
| 12 chrD3.856694 | A | G | 0.3388 | 3958 |
| 12 chrD3.857164 | A | C | 0.309 | 4000 |
| 12 chrD3.857418 | G | A | 0.144 | 3992 |
| 12 chrD3.858264 | G | A | 0.272 | 3982 |
| 12 chrD3.858586 | G | A | 0.4925 | 4002 |
| 12 chrD3.858989 | A | C | 0.2314 | 3988 |
| 12 chrD3.859891 | G | A | 0.4538 | 4002 |
| 12 chrD3.860259 | A | G | 0.4903 | 4006 |
| 12 chrD3.860849 | G | A | 0.3443 | 4002 |
| 12 chrD3.861427 | C | A | 0.1251 | 4006 |
| 12 chrD3.861699 | G | A | 0.4985 | 3978 |
| 12 chrD3.862033 | A | G | 0.4765 | 4002 |
| 12 chrD3.862367 | A | G | 0.4789 | 3990 |
| 12 chrD3.862831 | A | G | 0.3059 | 3998 |
| 12 chrD3.863441 | G | A | 0.2589 | 3998 |
| 12 chrD3.863804 | A | G | 0.001247 | 4010 |
| 12 chrD3.864083 | G | A | 0.2025 | 4000 |
| 12 chrUn.969938 | G | A | 0.1415 | 3964 |
| 12 chrD3.864479 | G | A | 0.3615 | 3994 |
| 12 chrD3.865059 | G | A | 0.3164 | 3998 |
| 12 chrUn26.1433 | C | A | 0.2586 | 3940 |
| 12 chrD3.865601 | G | A | 0.2999 | 4002 |
| 12 chrD3.865857 | C | A | 0.2069 | 3954 |
| 12 chrD3.866356 | C | A | 0.3064 | 4004 |
| 12 chrD3.866439 | C | A | 0.001247 | 4010 |
| 12 chrD3.866719 | A | C | 0.3209 | 4010 |
| 12 chrD3.867337 | A | G | 0.4511 | 3984 |

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| 12 chrD3.86763! | C | 0.3869 | 3988 |
| 12 chrD3.86819! | A | 0.3122 | 3982 |
| 12 chrD3.86857! | A | 0.09794 | 3890 |
| 12 chrD3.86932! | G | 0.06783 | 4010 |
| 12 chrD3.86972! | G | 0.4005 | 4002 |
| 12 chrD3.87034! | G | 0.3914 | 3958 |
| 12 chrD3.87090! | A | 0.2614 | 3918 |
| 12 chrD3.87130! | G | 0.3934 | 3978 |
| 12 chrD3.87196! | G | 0.07863 | 4006 |
| 12 chrD3.87247! | C | 0.4947 | 3962 |
| 12 chrD3.87283! | A | 0.00502 | 3984 |
| 12 chrD3.87324! | G | 0.4027 | 3986 |
| 12 chrD3.87348! | G | 0.09182 | 3986 |
| 12 chrD3.87372! | A | 0.0004988 | 4010 |
| 12 chrD3.87412! | A | 0.4081 | 4006 |
| 12 chrD3.87461! | G | 0.4912 | 3992 |
| 12 chrD3.87503! | A | 0.3761 | 4002 |
| 12 chrD3.87559! | A | 0.3156 | 4002 |
| 12 chrD3.87612! | G | 0.1898 | 4004 |
| 12 chrD3.87662! | A | 0.4902 | 3994 |
| 12 chrD3.87706! | G | 0.4945 | 4006 |
| 12 chrD3.87726! | 0 A | 0 | 4010 |
| 12 chrD3.87771! | G | 0.3735 | 4000 |
| 12 chrD3.87795! | G | 0.1133 | 3998 |
| 12 chrD3.87819! | G | 0.0564 | 3688 |
| 12 chrD3.87848! | G | 0.3173 | 4002 |
| 12 chrD3.87939! | A | 0.273 | 4000 |
| 12 chrD3.87974! | G | 0.2873 | 3700 |
| 12 chrD3.88013! | A | 0.2469 | 4002 |
| 12 chrD3.88039! | C | 0.02621 | 4006 |
| 12 chrD3.88063! | A | 0.3328 | 3978 |
| 12 chrD3.88109! | A | 0.3972 | 4000 |
| 12 chrD3.88158! | A | 0.2682 | 3982 |
| 12 chrD3.88235! | G | 0.09378 | 3956 |
| 12 chrD3.88287! | G | 0.03693 | 4008 |
| 12 chrD3.88340! | G | 0.07007 | 3996 |
| 12 chrD3.88387! | G | 0.1112 | 4002 |
| 12 chrD3.88414! | G | 0.1871 | 3890 |
| 12 chrD3.88438! | A | 0.3806 | 4002 |
| 12 chrD3.88472! | G | 0.1011 | 4004 |
| 12 chrD3.88496! | A | 0.1824 | 3986 |

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| 12 chrD3.885354 | A | 0.4765 | 3662 |
| 12 chrD3.886367 | G | 0.002494 | 4010 |
| 12 chrD3.886614 | C | 0.2652 | 3978 |
| 12 chrD3.887188 | A | 0.1305 | 3976 |
| 12 chrD3.889191 | A | 0.4671 | 3896 |
| 12 chrD3.890184 | A | 0.08812 | 4006 |
| 12 chrD3.890398 | A | 0.01147 | 4010 |
| 12 chrD3.890747 | A | 0.1448 | 3986 |
| 12 chrD3.891194 | A | 0.2064 | 4002 |
| 12 chrD3.891670 | A | 0.1608 | 3968 |
| 12 chrD3.892670 | A | 0.1584 | 3972 |
| 12 chrD3.892917 | G | 0.06169 | 4004 |
| 12 chrD3.893187 | A | 0.1103 | 4008 |
| 12 chrD3.893590 | G | 0.2614 | 4002 |
| 12 chrD3.894106 | G | 0.1975 | 3970 |
| 12 chrD3.894140 | A | 0.4019 | 3994 |
| 12 chrD3.894643 | G | 0.4743 | 4006 |
| 12 chrD3.895021 | G | 0.008483 | 4008 |
| 12 chrD3.895323 | A | 0.1416 | 3998 |
| 12 chrD3.895671 | A | 0.1559 | 3990 |
| 12 chrD3.896106 | A | 0.004507 | 3994 |
| 12 chrD3.896508 | A | 0.3371 | 3996 |
| 12 chrD3.897321 | A | 0.3062 | 3994 |
| 12 chrD3.897677 | A | 0.494 | 3992 |
| 12 chrD3.898321 | A | 0.2549 | 3990 |
| 12 chrD3.898877 | G | 0.005991 | 4006 |
| 12 chrD3.899535 | A | 0.1442 | 3870 |
| 12 chrD2.693715 | G | 0.2449 | 3998 |
| 12 chrD3.900074 | G | 0.4767 | 3990 |
| 12 chrD3.900341 | C | 0.05636 | 4010 |
| 12 chrD3.901169 | C | 0.436 | 4000 |
| 12 chrD3.901940 | A | 0.4462 | 3882 |
| 12 chrD3.902395 | A | 0.02089 | 3926 |
| 12 chrD3.903007 | A | 0.348 | 4000 |
| 12 chrD3.903349 | A | 0.1452 | 3988 |
| 12 chrD3.903767 | G | 0.1695 | 3994 |
| 12 chrD3.904661 | A | 0.3461 | 3982 |
| 12 chrD3.905547 | G | 0.4808 | 4002 |
| 12 chrD3.905847 | G | 0.006941 | 3890 |
| 12 chrD3.906155 | G | 0.05215 | 4008 |
| 12 chrD3.906566 | A | 0.04691 | 4008 |

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| 12 chrD3.90710!A | G | 0.02123 | 4004 |
| 12 chrD3.90742!A | G | 0.2402 | 4000 |
| 12 chrD3.90799!G | A | 0.473 | 4000 |
| 12 chrD3.90832!G | A | 0.1634 | 3972 |
| 12 chrD3.90866!G | A | 0.2223 | 3986 |
| 12 chrD3.90928!A | G | 0.2443 | 4004 |
| 12 chrD3.90983(A | G | 0.2103 | 4004 |
| 12 chrD3.91007!A | G | 0.1219 | 4002 |
| 12 chrD3.91057!A | G | 0.4079 | 3962 |
| 12 chrD3.91074!C | 0 A | 0 | 3996 |
| 12 chrD3.91086(C | A | 0.1562 | 4008 |
| 12 chrD3.91113!C | A | 0.1388 | 3984 |
| 12 chrD3.91142!G | A | 0.2456 | 3970 |
| 12 chrD3.91215!A | G | 0.1859 | 3840 |
| 12 chrD3.91255!C | A | 0.3472 | 3992 |
| 12 chrD3.91283!G | A | 0.4494 | 3996 |
| 12 chrD3.91372!C | A | 0.3832 | 3980 |
| 12 chrD3.91402!G | A | 0.215 | 3972 |
| 12 chrD3.91434!A | G | 0.1953 | 4004 |
| 12 chrD3.91460!A | G | 0.4872 | 3982 |
| 12 chrD3.91502!C | A | 0.4333 | 3972 |
| 12 chrD3.91528(A | G | 0.3605 | 4000 |
| 12 chrD3.91582!A | G | 0.08392 | 3980 |
| 12 chrD3.91607!G | A | 0.4603 | 3950 |
| 12 chrD3.91633(G | A | 0.1348 | 3702 |
| 12 chrD3.91740!G | A | 0.1985 | 4000 |
| 12 chrD3.91786!A | G | 0.4433 | 3986 |
| 12 chrD3.91841(G | A | 0.454 | 3844 |
| 12 chrD3.91868!G | A | 0.06044 | 4004 |
| 12 chrD3.91894!A | G | 0.1049 | 4004 |
| 12 chrD3.91951!A | G | 0.02796 | 4006 |
| 12 chrD3.91985(C | 0 G | 0 | 4008 |
| 12 chrD3.91986!G | A | 0.2267 | 3952 |
| 12 chrD3.92020!A | C | 0.08954 | 3998 |
| 12 chrD3.92056!G | A | 0.009 | 4000 |
| 12 chrD3.92097!A | G | 0.08061 | 3920 |
| 12 chrD3.92116!G | A | 0.08679 | 3998 |
| 12 chrD3.92148!G | A | 0.07872 | 3976 |
| 12 chrD3.92195!G | A | 0.2036 | 4002 |
| 12 chrD3.92219!G | A | 0.1973 | 3994 |
| 12 chrD3.92262!G | A | 0.3978 | 3994 |

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| 12 chrD3.922947A | G | 0.2358 | 3990 |
| 12 chrD3.923495G | A | 0.2717 | 4004 |
| 12 chrD3.92379(A | G | 0.2582 | 4004 |
| 12 chrD3.92433(A | G | 0.2699 | 3742 |
| 12 chrD3.92470(A | G | 0.06677 | 3954 |
| 12 chrD3.924965A | G | 0.3469 | 4004 |
| 12 chrD3.925315A | G | 0.1041 | 3956 |
| 12 chrD3.925914A | G | 0.1962 | 4006 |
| 12 chrD3.926225A | G | 0.09416 | 4004 |
| 12 chrD3.926474G | A | 0.06777 | 3984 |
| 12 chrD3.926775A | G | 0.2877 | 3990 |
| 12 chrD3.927157G | A | 0.08404 | 3986 |
| 12 chrD3.927405C | A | 0.233 | 4008 |
| 12 chrD3.927805A | G | 0.2827 | 3926 |
| 12 chrD3.928307G | A | 0.2517 | 4004 |
| 12 chrD3.92874(G | A | 0.3982 | 3990 |
| 12 chrD3.92934(A | G | 0.1467 | 4008 |
| 12 chrD3.929694 | 0 G | 0 | 4010 |
| 12 chrD3.930187C | A | 0.187 | 3994 |
| 12 chrD3.930997G | A | 0.272 | 4000 |
| 12 chrD3.931405G | A | 0.4254 | 4008 |
| 12 chrD3.932087A | G | 0.141 | 4008 |
| 12 chrD3.932385G | A | 0.4382 | 3820 |
| 12 chrD3.932715A | G | 0.2381 | 3940 |
| 12 chrD3.932965A | G | 0.1432 | 4008 |
| 12 chrD3.933485A | G | 0.2152 | 4006 |
| 12 chrD3.933994G | A | 0.3483 | 4002 |
| 12 chrD3.934285A | G | 0.04277 | 3998 |
| 12 chrD3.93447(A | G | 0.05693 | 3970 |
| 12 chrD3.935017A | G | 0.05869 | 3936 |
| 12 chrD3.936017A | G | 0.381 | 3966 |
| 12 chrD3.936647G | A | 0.1514 | 4002 |
| 12 chrD3.937017A | G | 0.08412 | 4006 |
| 12 chrD3.937405G | A | 0.3553 | 3994 |
| 12 chrD3.937887A | G | 0.4992 | 3786 |
| 12 chrUn.26833(A | G | 0.4333 | 4004 |
| 12 chrD3.93817(A | C | 0.3657 | 3998 |
| 12 chrD3.938577G | A | 0.2397 | 4010 |
| 12 chrD3.939027A | G | 0.3293 | 4000 |
| 12 chrD3.939275G | A | 0.2771 | 3998 |
| 12 chrD3.939647G | A | 0.182 | 3968 |

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| 12 chrD3.93993 | G | A | 0.4985 | 4004 |
| 12 chrD3.94078 | A | G | 0.099 | 4000 |
| 12 chrD3.94102 | A | C | 0.092 | 4000 |
| 12 chrD3.94129 | A | 0 A | 0 | 4010 |
| 12 chrD3.94138 | A | G | 0.002247 | 4006 |
| 12 chrD3.94178 | A | G | 0.1883 | 4000 |
| 12 chrUn7.4131 | A | C | 0.415 | 4000 |
| 12 chrUn7.4105 | A | G | 0.2275 | 3996 |
| 12 chrUn7.4075 | A | G | 0.07285 | 4008 |
| 12 chrUn7.3725 | A | G | 0.1841 | 3986 |
| 12 chrUn7.3567 | A | G | 0.2524 | 3998 |
| 12 chrUn7.3534 | A | G | 0.1365 | 3962 |
| 12 chrUn7.3461 | A | G | 0.3282 | 3998 |
| 12 chrUn7.3433 | A | G | 0.4366 | 4004 |
| 12 chrUn7.3408 | A | G | 0.08258 | 3984 |
| 12 chrUn7.3324 | A | G | 0.1066 | 4004 |
| 12 chrUn7.3271 | A | G | 0.4455 | 3998 |
| 12 chrUn7.3204 | A | G | 0.02026 | 3800 |
| 12 chrUn7.3148 | A | G | 0.4857 | 3706 |
| 12 chrUn7.3106 | A | C | 0.4338 | 3988 |
| 12 chrUn7.3079 | A | G | 0.1046 | 3996 |
| 12 chrF1.898761 | A | G | 0.1718 | 3964 |
| 12 chrF1.897616 | C | A | 0.377 | 3926 |
| 12 chrF1.897089 | A | G | 0.1783 | 4004 |
| 12 chrF1.896841 | A | G | 0.0307 | 4006 |
| 12 chrF1.895974 | A | G | 0.02722 | 3968 |
| 12 chrF1.894503 | A | C | 0.1081 | 3894 |
| 12 chrF1.893923 | A | G | 0.2838 | 3982 |
| 12 chrF1.893336 | G | A | 0.281 | 3954 |
| 12 chrF1.891492 | A | G | 0.3672 | 4000 |
| 12 chrF1.890986 | A | G | 0.1 | 4000 |
| 12 chrF1.890552 | A | G | 0.1497 | 3920 |
| 12 chrF1.889495 | G | A | 0.251 | 4004 |
| 12 chrF1.889041 | A | G | 0.3789 | 4006 |
| 12 chrD3.47679 | A | G | 0.2601 | 4006 |
| 12 chrF1.888672 | A | G | 0.01499 | 4002 |
| 12 chrD3.47727 | A | G | 0.0962 | 4002 |
| 12 chrD3.47762 | A | G | 0.02177 | 3766 |
| 12 chrD3.47797 | A | G | 0.2007 | 3946 |
| 12 chrD3.47803 | A | G | 0.05841 | 4006 |
| 12 chrD3.47836 | A | G | 0.1653 | 3986 |

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| 12 chrD3.47913(A | C | 0.239 | 3988 |
| 12 chrD3.47969(G | A | 0.154 | 3994 |
| 12 chrD3.48017(G | A | 0.2772 | 4004 |
| 12 chrD3.83471(G | A | 0.1075 | 4008 |
| 12 chrD3.48068(G | A | 0.1229 | 4004 |
| 12 chrD3.48115(A | G | 0.1075 | 3924 |
| 12 chrD3.48143(A | G | 0.3333 | 4006 |
| 12 chrD3.48187(G | A | 0.2339 | 4002 |
| 12 chrD3.48231(G | A | 0.4645 | 3998 |
| 12 chrD3.48278(A | G | 0.411 | 3990 |
| 12 chrUn.52109(A | G | 0.1091 | 4006 |
| 12 chrD3.48342(C | A | 0.1891 | 3934 |
| 12 chrD3.48427(A | G | 0.1166 | 4006 |
| 12 chrD3.48491(G | A | 0.4161 | 3994 |
| 12 chrD3.48520(A | G | 0.1184 | 3994 |
| 12 chrD3.48551(A | G | 0.4255 | 3986 |
| 12 chrD3.48576(G | A | 0.03257 | 3992 |
| 12 chrD3.48591(A | G | 0.07735 | 3982 |
| 12 chrD3.48631(G | A | 0.1425 | 3994 |
| 12 chrD3.48673(G | A | 0.1029 | 3644 |
| 12 chrD3.48705(C | A | 0.08882 | 4008 |
| 12 chrD3.48731(G | A | 0.1435 | 4006 |
| 12 chrD3.48786(G | A | 0.1314 | 4002 |
| 12 chrD3.48820(G | A | 0.2089 | 4006 |
| 12 chrD3.48845(A | G | 0.3386 | 4002 |
| 12 chrD3.48983(A | G | 0.1377 | 4002 |
| 12 chrD3.49011(C | A | 0.2967 | 4000 |
| 12 chrUn.64010(A | G | 0.4558 | 4002 |
| 12 chrD3.49054(A | C | 0.08558 | 4008 |
| 12 chrD3.49127(A | C | 0.4566 | 4008 |
| 12 chrD3.49151(G | A | 0.4586 | 3988 |
| 12 chrD3.49289(G | A | 0.135 | 4008 |
| 12 chrD3.49346(G | A | 0.273 | 3766 |
| 12 chrUn1.1585(G | A | 0.3757 | 4006 |
| 12 chrUn1.1287(A | G | 0.1952 | 3990 |
| 12 chrUn1.1234(A | G | 0.03725 | 4000 |
| 12 chrUn1.1202(A | G | 0.1978 | 3988 |
| 12 chrUn1.1168(A | G | 0.4473 | 4006 |
| 12 chrUn1.1120(A | C | 0.271 | 3992 |
| 12 chrUn1.1092(| 0 A | 0 | 4010 |
| 12 chrD3.98987(A | G | 0.01248 | 4008 |

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| 12 chrD3.99067{C | A | 0.2574 | 3978 |
| 12 chrD3.99321{A | G | 0.06978 | 3984 |
| 12 chrD3.99405{A | G | 0.351 | 3986 |
| 12 chrD3.99480{G | A | 0.1546 | 3966 |
| 12 chrD3.99535{A | G | 0.018 | 4000 |
| 12 chrD3.99592(G | A | 0.041 | 4000 |
| 12 chrD3.99641(G | A | 0.2184 | 4002 |
| 12 chrD3.99797{A | G | 0.3212 | 3994 |
| 12 chrD3.99886{G | A | 0.3722 | 3976 |
| 12 chrD3.99918{A | C | 0.07761 | 3930 |
| 12 chrD3.99974{ | 0 A | 0 | 4010 |
| 12 chrD3.10015{A | C | 0.0002494 | 4010 |
| 12 chrD3.10044{A | G | 0.4478 | 3988 |
| 12 chrD3.10068{A | G | 0.405 | 3998 |
| 12 chrD3.10082{G | A | 0.07389 | 4006 |
| 12 chrD3.10085{G | A | 0.4544 | 3968 |
| 12 chrD3.10109{A | G | 0.4124 | 3994 |
| 12 chrD3.10118{A | G | 0.3854 | 4004 |
| 12 chrD3.10125{A | G | 0.02295 | 4008 |
| 12 chrD3.10133{A | G | 0.2828 | 4000 |
| 12 chrD3.10141{A | G | 0.08825 | 4000 |
| 12 chrD3.10144(A | C | 0.4585 | 4004 |
| 12 chrD3.10151{A | G | 0.002554 | 3916 |
| 12 chrD3.10159{G | A | 0.009669 | 3930 |
| 12 chrD3.10167{ | 0 G | 0 | 4010 |
| 12 chrD3.10169{A | C | 0.3335 | 3964 |
| 12 chrD3.10170{G | A | 0.2972 | 3792 |
| 12 chrD3.10175(A | G | 0.3482 | 3998 |
| 12 chrD3.10177{A | C | 0.00832 | 3846 |
| 12 chrD3.10184{G | A | 0.06307 | 3964 |
| 12 chrD3.10187{A | G | 0.06328 | 3982 |
| 12 chrD3.10194(G | A | 0.1075 | 3888 |
| 12 chrD3.10201(G | A | 0.09595 | 4002 |
| 12 chrD3.10205{A | G | 0.01096 | 3924 |
| 12 chrD3.10208{A | G | 0.02081 | 3988 |
| 12 chrD3.10211{A | G | 0.02871 | 4006 |
| 12 chrD3.10217(C | A | 0.1121 | 3996 |
| 12 chrD3.10221{A | C | 0.04236 | 3990 |
| 12 chrD3.10225{G | A | 0.0135 | 4000 |
| 12 chrD3.10232{G | A | 0.3047 | 3994 |
| 12 chrD3.10238{A | C | 0.04584 | 3992 |

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| 12 chrD3.10244(A | C | 0.001751 | 3998 |
| 12 chrD3.10249(G | A | 0.2793 | 3860 |
| 12 chrD3.10252(A | G | 0.05611 | 4010 |
| 12 chrD3.10255(G | A | 0.1584 | 4002 |
| 12 chrD3.10259(G | A | 0.2514 | 3616 |
| 12 chrD3.10272(G | A | 0.2579 | 4002 |
| 12 chrD3.10276(G | A | 0.2554 | 3946 |
| 12 chrD3.10279(A | G | 0.3062 | 4004 |
| 12 chrD3.10283(G | A | 0.2515 | 4004 |
| 12 chrD3.10290(A | G | 0.2249 | 4006 |
| 12 chrD3.10295(C | A | 0.03386 | 3692 |
| 12 chrD3.10298(G | A | 0.2606 | 4002 |
| 12 chrD3.10308(A | G | 0.1245 | 4008 |
| 12 chrD3.10315(G | A | 0.3884 | 4006 |
| 12 chrD3.10318(G | A | 0.2371 | 3952 |
| 12 chrD3.10321(G | A | 0.3185 | 4006 |
| 12 chrD3.10325(A | G | 0.2109 | 4002 |
| 12 chrD3.10327(A | G | 0.2961 | 3992 |
| 12 chrD3.10335(G | A | 0.07089 | 4006 |
| 12 chrD3.10339(A | G | 0.1146 | 3944 |
| 12 chrD3.10344(G | A | 0.3027 | 4000 |
| 12 chrUn.55616(A | G | 0.009543 | 3982 |
| 12 chrD3.10350(A | C | 0.3078 | 4002 |
| 12 chrD3.10354(A | G | 0.1302 | 4002 |
| 12 chrUn.20271(A | C | 0.2675 | 4000 |
| 12 chrD3.10363(G | A | 0.238 | 3832 |
| 12 chrD3.10376(G | A | 0.2479 | 3998 |
| 12 chrD3.10384(G | A | 0.01547 | 4008 |
| 12 chrD3.10391(G | A | 0.0002494 | 4010 |
| 12 chrD3.10395(A | G | 0.03117 | 4010 |
| 12 chrD3.10399(A | G | 0.3347 | 4006 |
| 12 chrD3.10401(C | A | 0.3529 | 3950 |
| 12 chrD3.10402(G | A | 0.09486 | 4006 |
| 12 chrD3.10406(A | G | 0.03691 | 4010 |
| 12 chrD3.10413(A | G | 0.4267 | 3902 |
| 12 chrD3.10420(A | G | 0.2321 | 4002 |
| 12 chrD3.10437(A | G | 0.3472 | 4004 |
| 12 chrD3.10441(A | G | 0.04993 | 4006 |
| 12 chrD3.10449(A | G | 0.4122 | 3962 |
| 12 chrD3.10451(A | G | 0.3066 | 3982 |
| 12 chrD3.10455(G | A | 0.1534 | 3982 |

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| 12 chrD3.10463G | G | 0.1843 | 3994 |
| 12 chrD3.10469G | A | 0.3023 | 3996 |
| 12 chrD3.10473G | G | 0.2334 | 4002 |
| 12 chrD3.10479G | A | 0.02544 | 3970 |
| 12 chrD3.10487C | A | 0.2087 | 4006 |
| 12 chrD3.10492C | A | 0.0007481 | 4010 |
| 12 chrD3.10492C | A | 0.2478 | 4008 |
| 12 chrD3.10494G | 0 A | 0 | 4008 |
| 12 chrD3.10496G | A | 0.4012 | 3988 |
| 12 chrD3.10499G | A | 0.1248 | 4008 |
| 12 chrD3.10503G | G | 0.1687 | 4002 |
| 12 chrD3.10506C | A | 0.2888 | 4006 |
| 12 chrD3.10509G | A | 0.02469 | 4010 |
| 12 chrD3.10512G | G | 0.1104 | 4002 |
| 12 chrD3.10519C | A | 0.1294 | 3964 |
| 12 chrD3.10522G | A | 0.08907 | 4008 |
| 12 chrD3.10525G | C | 0.3956 | 4002 |
| 12 chrD3.10532G | G | 0.3391 | 4002 |
| 12 chrD3.10534G | G | 0.1344 | 3950 |
| 12 chrD3.10537G | G | 0.1361 | 3996 |
| 12 chrD3.10546G | A | 0.2543 | 3956 |
| 12 chrD3.10550G | A | 0.1204 | 4004 |
| 12 chrD3.10554G | G | 0.2957 | 4000 |
| 12 chrD3.10558G | A | 0.06793 | 4004 |
| 12 chrD3.10562G | A | 0.07823 | 3988 |
| 12 chrD3.10564G | A | 0.36 | 3978 |
| 12 chrD3.10568G | A | 0.3934 | 3998 |
| 12 chrD3.10570G | A | 0.08025 | 4000 |
| 12 chrD3.10574G | G | 0.0808 | 4010 |
| 12 chrD3.10581G | A | 0.4465 | 3984 |
| 12 chrD3.10585G | G | 0.3896 | 4002 |
| 12 chrD3.10589G | G | 0.2673 | 3970 |
| 12 chrD3.10593G | G | 0.01272 | 4008 |
| 12 chrD3.10594G | C | 0.008363 | 3946 |
| 12 chrD3.10595C | A | 0.3056 | 3992 |
| 12 chrD3.10599C | A | 0.006986 | 4008 |
| 12 chrD3.10601G | A | 0.04048 | 4002 |
| 12 chrD3.10607G | A | 0.454 | 4004 |
| 12 chrD3.10612G | G | 0.4694 | 3988 |
| 12 chrD3.10615G | A | 0.1953 | 3994 |
| 12 chrD3.10620G | G | 0.4935 | 3980 |

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| 12 chrD3.10624 | C | 0.2686 | 3712 |
| 12 chrUn.58048 | A | 0.3885 | 4000 |
| 12 chrD3.10628 | G | 0.4176 | 3982 |
| 12 chrD3.10629 | 0 G | 0 | 4010 |
| 12 chrD3.10631 | G | 0.07667 | 3900 |
| 12 chrD3.10638 | G | 0.3556 | 4002 |
| 12 chrD3.10642 | A | 0.1555 | 4000 |
| 12 chrD3.10647 | G | 0.44 | 3982 |
| 12 chrD3.10650 | G | 0.2058 | 3800 |
| 12 chrD3.10653 | C | 0.1139 | 4004 |
| 12 chrD3.10656 | A | 0.2674 | 3990 |
| 12 chrD3.10657 | A | 0.1999 | 4008 |
| 12 chrD3.10661 | G | 0.4733 | 4000 |
| 12 chrD3.10664 | A | 0.1661 | 4004 |
| 12 chrD3.10664 | G | 0.01822 | 4006 |
| 12 chrD3.10667 | A | 0.09316 | 4004 |
| 12 chrD3.10670 | A | 0.3635 | 3920 |
| 12 chrD3.10675 | 0 A | 0 | 3994 |
| 12 chrD3.10679 | A | 0.1184 | 4002 |
| 12 chrD3.10682 | A | 0.2426 | 4010 |
| 12 chrD3.10687 | G | 0.1151 | 3996 |
| 12 chrD3.10688 | G | 0.007485 | 4008 |
| 12 chrD3.10689 | A | 0.0048 | 3958 |
| 12 chrD3.10694 | G | 0.2528 | 3992 |
| 12 chrD3.10700 | G | 0.4463 | 4006 |
| 12 chrD3.10703 | G | 0.09556 | 4008 |
| 12 chrD3.10707 | G | 0.1936 | 3978 |
| 12 chrD3.10714 | A | 0.03965 | 4010 |
| 12 chrD3.10721 | G | 0.4372 | 3998 |
| 12 chrD3.10727 | A | 0.1636 | 3998 |
| 12 chrD3.10731 | G | 0.1868 | 4004 |
| 12 chrD3.10735 | A | 0.3767 | 4006 |
| 12 chrD3.10738 | G | 0.3829 | 3998 |
| 12 chrD3.10741 | A | 0.3661 | 3996 |
| 12 chrD3.10745 | G | 0.04446 | 4004 |
| 12 chrD3.10748 | G | 0.1449 | 4002 |
| 12 chrD3.10751 | G | 0.2651 | 4010 |
| 12 chrD3.10754 | A | 0.3533 | 3982 |
| 12 chrD3.10757 | G | 0.2512 | 4008 |
| 12 chrD3.10765 | A | 0.4305 | 3958 |
| 12 chrD3.10769 | A | 0.2672 | 3956 |

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| 12 chrD3.107727G | A | 0.1499 | 3990 |
| 12 chrD3.107779G | A | 0.05695 | 3740 |
| 12 chrD3.107809A | G | 0.1673 | 4000 |
| 12 chrD3.107829A | G | 0.1677 | 3984 |
| 12 chrD3.107889A | C | 0.4478 | 4004 |
| 12 chrD3.107910G | A | 0.1531 | 3990 |
| 12 chrD3.107958A | G | 0.2081 | 4002 |
| 12 chrD3.107998A | G | 0.4872 | 3994 |
| 12 chrD3.108029G | A | 0.1923 | 4004 |
| 12 chrD3.108074G | A | 0.3028 | 4006 |
| 12 chrD3.108080G | A | 0.2614 | 4006 |
| 12 chrD3.108111A | G | 0.1341 | 4004 |
| 12 chrD3.108127A | G | 0.03227 | 3998 |
| 12 chrD3.108149A | G | 0.1548 | 3946 |
| 12 chrD3.108179G | A | 0.4742 | 3988 |
| 12 chrD3.108258A | G | 0.148 | 4006 |
| 12 chrD3.108371G | A | 0.04804 | 3580 |
| 12 chrD3.108489G | A | 0.1816 | 3844 |
| 12 chrD3.108509A | G | 0.01372 | 4008 |
| 12 chrD3.108549G | A | 0.3468 | 3994 |
| 12 chrD3.108574G | A | 0.002011 | 3978 |
| 12 chrD3.108609G | A | 0.06269 | 4004 |
| 12 chrD3.108657A | G | 0.2231 | 3990 |
| 12 chrD3.108680G | A | 0.1206 | 3990 |
| 12 chrD3.108754G | A | 0.2827 | 3986 |
| 12 chrD3.108800A | G | 0.07938 | 4006 |
| 12 chrD3.108928A | G | 0.1559 | 4002 |
| 12 chrD3.109000A | G | 0.09232 | 4008 |
| 12 chrD3.109037A | G | 0.3088 | 4000 |
| 12 chrD3.109059A | G | 0.2024 | 3982 |
| 12 chrD3.109119G | A | 0.4645 | 4004 |
| 12 chrD3.109129C | A | 0.01946 | 4008 |
| 12 chrD3.109169A | G | 0.07892 | 3928 |
| 12 chrD3.109190G | A | 0.48 | 4000 |
| 12 chrD3.109249A | G | 0.2914 | 3978 |
| 12 chrB3.323537A | G | 0.2355 | 3966 |
| 12 chrD3.109309A | G | 0.1919 | 3976 |
| 12 chrD3.109339A | G | 0.1096 | 3612 |
| 12 chrD3.109430A | G | 0.3788 | 3976 |
| 12 chrD3.109467G | A | 0.1759 | 3974 |
| 12 chrD3.109499A | G | 0.1143 | 3988 |

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| 12 chrD3.10955{A | G | 0.1222 | 3992 |
| 12 chrD3.10963}G | A | 0.3915 | 3992 |
| 12 chrD3.10966}C | A | 0.3618 | 3894 |
| 12 chrD3.10971}A | C | 0.02801 | 3998 |
| 12 chrD3.10977}G | A | 0.3385 | 3982 |
| 12 chrD3.10979{G | A | 0.3363 | 3934 |
| 12 chrD3.10982{G | A | 0.1565 | 4006 |
| 12 chrD3.10986}G | A | 0.1171 | 4006 |
| 12 chrD3.10989}A | G | 0.1068 | 3990 |
| 12 chrD3.10996}G | A | 0.2655 | 4008 |
| 12 chrD3.10999{A | G | 0.1757 | 3996 |
| 12 chrD3.11005{A | G | 0.473 | 3958 |
| 12 chrD3.11009{A | G | 0.09835 | 3996 |
| 12 chrD3.11013}G | A | 0.416 | 3990 |
| 12 chrD3.11016{A | G | 0.353 | 3830 |
| 12 chrD3.11022{G | A | 0.4673 | 4002 |
| 12 chrD3.11028}A | G | 0.4943 | 4000 |
| 12 chrD3.11032{A | G | 0.02374 | 4002 |
| 12 chrD3.11038}A | G | 0.4031 | 3982 |
| 12 chrD3.11041{G | A | 0.1427 | 4002 |
| 12 chrD3.11048}C | A | 0.236 | 3996 |
| 12 chrD3.11053{G | A | 0.3377 | 3974 |
| 12 chrD3.11057}G | A | 0.3208 | 4002 |
| 12 chrD3.11063}A | G | 0.1226 | 3990 |
| 12 chrD3.11066}A | G | 0.005495 | 4004 |
| 12 chrD3.11069}A | G | 0.1661 | 3968 |
| 12 chrD3.11081}A | G | 0.1033 | 4006 |
| 12 chrD3.11087}G | A | 0.2133 | 4008 |
| 12 chrD3.11093}A | G | 0.324 | 4000 |
| 12 chrD3.11097}A | G | 0.1116 | 3998 |
| 12 chrD3.11100}G | A | 0.3526 | 3948 |
| 12 chrD3.11105{A | G | 0.4548 | 4002 |
| 12 chrD3.11109{G | A | 0.2158 | 3994 |
| 12 chrD3.11113}G | A | 0.03771 | 4004 |
| 12 chrD3.11117}G | A | 0.2961 | 4006 |
| 12 chrD3.11123}G | A | 0.04142 | 3984 |
| 12 chrD3.11132}G | A | 0.4517 | 3996 |
| 12 chrD3.11134}A | G | 0.3272 | 3994 |
| 12 chrD3.11137}A | G | 0.1693 | 3980 |
| 12 chrD3.11141}A | G | 0.4599 | 3988 |
| 12 chrD3.11147}A | C | 0.3694 | 3996 |

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| 12 chrD3.11153!A | G | 0.1246 | 4006 |
| 12 chrD3.11157!A | G | 0.08987 | 4006 |
| 12 chrD3.11165!G | A | 0.1271 | 3996 |
| 12 chrD3.11165!A | C | 0.1994 | 4008 |
| 12 chrD3.11168!C | A | 0.3841 | 3918 |
| 12 chrD3.11173(A | G | 0.1547 | 4008 |
| 12 chrD3.11178(A | G | 0.3661 | 3728 |
| 12 chrD3.11181!G | A | 0.1417 | 3972 |
| 12 chrD3.11183!A | G | 0.06742 | 3886 |
| 12 chrD3.11186!A | G | 0.1339 | 3942 |
| 12 chrD3.11190(A | G | 0.345 | 3974 |
| 12 chrD3.11193!A | G | 0.04945 | 4004 |
| 12 chrD3.11196(C | A | 0.1633 | 3998 |
| 12 chrD3.11207!C | A | 0.3239 | 3816 |
| 12 chrD3.11213!C | A | 0.375 | 3984 |
| 12 chrD3.11217!A | G | 0.3139 | 4008 |
| 12 chrD3.11222!A | C | 0.07504 | 3998 |
| 12 chrD3.11225(A | G | 0.1708 | 3964 |
| 12 chrD3.11229!G | A | 0.4426 | 3992 |
| 12 chrD3.11234!G | A | 0.07082 | 4010 |
| 12 chrD3.11239!G | A | 0.02332 | 3988 |
| 12 chrD3.11245(A | G | 0.06437 | 4008 |
| 12 chrD3.11247(A | G | 0.008262 | 3994 |
| 12 chrD3.11254!A | G | 0.08024 | 3988 |
| 12 chrD3.11257!A | G | 0.3497 | 4006 |
| 12 chrD3.11259(A | C | 0.0007485 | 4008 |
| 12 chrD3.11260!G | A | 0.1479 | 3996 |
| 12 chrD3.11263!G | A | 0.2282 | 3984 |
| 12 chrD3.11265!A | G | 0.3079 | 3982 |
| 12 chrD3.11270!G | A | 0.495 | 3996 |
| 12 chrD3.11274!G | A | 0.1325 | 3986 |
| 12 chrD3.11284(A | A | 0.009236 | 4006 |
| 12 chrD3.11287!G | A | 0.4489 | 3990 |
| 12 chrD3.11291!C | A | 0.02107 | 3986 |
| 12 chrD3.11296!A | G | 0.4837 | 3936 |
| 12 chrD3.11302!G | A | 0.02877 | 3962 |
| 12 chrD3.11307!G | A | 0.02707 | 3990 |
| 12 chrD3.11311!A | G | 0.4634 | 3986 |
| 12 chrD3.11316(A | G | 0.1771 | 4008 |
| 12 chrD3.11323!A | G | 0.2759 | 3994 |
| 12 chrD3.11327!A | G | 0.2383 | 3920 |

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| 12 chrD3.11330 | A | G | 0.4733 | 4002 |
| 12 chrD3.11335 | A | G | 0.1771 | 4004 |
| 12 chrD3.11339 | A | G | 0.3272 | 3970 |
| 12 chrD3.11341 | G | A | 0.4883 | 4004 |
| 12 chrD3.11345 | A | G | 0.3962 | 4000 |
| 12 chrD3.11348 | G | A | 0.4391 | 3992 |
| 12 chrD3.11351 | A | G | 0.08409 | 3948 |
| 12 chrD3.11354 | G | A | 0.1437 | 3688 |
| 12 chrD3.11362 | A | G | 0.08648 | 3978 |
| 12 chrD3.11366 | G | A | 0.3962 | 3990 |
| 12 chrD3.11371 | A | G | 0.3496 | 4008 |
| 12 chrD3.11374 | G | A | 0.4094 | 3906 |
| 12 chrD3.11377 | A | G | 0.3408 | 3982 |
| 12 chrD3.11381 | A | G | 0.2624 | 3998 |
| 12 chrD3.11386 | A | G | 0.05864 | 3752 |
| 12 chrD3.11394 | G | A | 0.4849 | 3982 |
| 12 chrD3.11395 | G | A | 0.1913 | 4004 |
| 12 chrD3.11397 | G | A | 0.08313 | 4006 |
| 12 chrD3.11401 | G | A | 0.3405 | 4000 |
| 12 chrD3.11404 | C | A | 0.3556 | 3940 |
| 12 chrD3.11408 | A | G | 0.3079 | 3998 |
| 12 chrD3.11412 | A | G | 0.3927 | 4006 |
| 12 chrD3.11414 | A | G | 0.3886 | 4002 |
| 12 chrD3.11419 | A | G | 0.1522 | 3818 |
| 12 chrD3.11422 | A | G | 0.03867 | 4008 |
| 12 chrD3.11428 | A | C | 0.2605 | 3904 |
| 12 chrD3.11433 | A | G | 0.1576 | 3986 |
| 12 chrD3.11440 | G | A | 0.1927 | 3976 |
| 12 chrD3.11443 | A | G | 0.2479 | 4006 |
| 12 chrD3.11446 | G | A | 0.3314 | 3986 |
| 12 chrD3.11453 | A | C | 0.2996 | 3758 |
| 12 chrD3.11458 | A | G | 0.2723 | 3992 |
| 12 chrD3.11465 | A | G | 0.1292 | 4008 |
| 12 chrD3.11467 | A | G | 0.04775 | 4000 |
| 12 chrD3.11473 | G | A | 0.2004 | 3942 |
| 12 chrD3.11475 | A | G | 0.1053 | 4006 |
| 12 chrD3.11486 | G | A | 0.1098 | 4008 |
| 12 chrD3.11491 | A | G | 0.08532 | 3938 |
| 12 chrD3.11493 | A | G | 0.4549 | 3970 |
| 12 chrD3.11495 | G | A | 0.02419 | 3762 |
| 12 chrD3.11499 | A | G | 0.1776 | 3976 |

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| 12 chrD3.11503(A | G | 0.1598 | 3948 |
| 12 chrD3.11508(A | A | 0.3992 | 3988 |
| 12 chrD3.11511(A | G | 0.2084 | 4006 |
| 12 chrD3.11516(A | C | 0.05639 | 3972 |
| 12 chrD3.11526(A | G | 0.08612 | 4006 |
| 12 chrD3.11530(A | G | 0.1675 | 4000 |
| 12 chrD3.11533(A | A | 0.2339 | 4006 |
| 12 chrD3.11542(A | A | 0.3167 | 4000 |
| 12 chrD3.11549(A | C | 0.4205 | 3974 |
| 12 chrD3.11549(A | G | 0.07529 | 3998 |
| 12 chrD3.11553(A | C | 0.2611 | 4002 |
| 12 chrD3.11559(A | G | 0.2106 | 3988 |
| 12 chrD3.11562(A | G | 0.4396 | 4004 |
| 12 chrD3.11565(A | G | 0.1994 | 3986 |
| 12 chrD3.11569(A | G | 0.1683 | 4004 |
| 12 chrD3.11573(A | A | 0.2392 | 3988 |
| 12 chrD3.11584(A | A | 0.04793 | 4006 |
| 12 chrD3.11586(A | A | 0.4449 | 3974 |
| 12 chrD3.11587(A | G | 0.2156 | 3994 |
| 12 chrD3.11591(A | A | 0.2289 | 4010 |
| 12 chrD3.11594(A | A | 0.07036 | 4008 |
| 12 chrD3.11599(A | G | 0.03535 | 3960 |
| 12 chrD3.11606(A | G | 0.1441 | 4004 |
| 12 chrUn.61115(A | A | 0.4769 | 3986 |
| 12 chrD3.11614(A | A | 0.4052 | 4000 |
| 12 chrD3.11616(A | G | 0.2122 | 3992 |
| 12 chrD3.11619(A | G | 0.4782 | 3994 |
| 12 chrUn.57237(A | G | 0.4121 | 4006 |
| 12 chrD3.11626(A | C | 0.287 | 4004 |
| 12 chrD3.11628(A | A | 0.01298 | 4006 |
| 12 chrD3.11648(A | A | 0.2075 | 4000 |
| 12 chrD3.11655(A | G | 0.01123 | 4008 |
| 12 chrD3.11657(A | A | 0.2812 | 3972 |
| 12 chrD3.11662(A | G | 0.3223 | 3996 |
| 12 chrD3.11665(A | A | 0.09091 | 4004 |
| 12 chrD3.11669(A | A | 0.4224 | 3994 |
| 12 chrD3.11671(A | C | 0.4952 | 3942 |
| 12 chrD3.11674(A | A | 0.09353 | 3988 |
| 12 chrD3.11678(A | G | 0.1376 | 4004 |
| 12 chrD3.11682(A | G | 0.08928 | 4010 |
| 12 chrD3.11685(A | G | 0.1116 | 4006 |

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| 12 chrD3.11688(A | G | 0.4752 | 3986 |
| 12 chrD3.11696(A | G | 0.4343 | 4002 |
| 12 chrD3.11700(G | A | 0.2891 | 4002 |
| 12 chrD3.11702(G | A | 0.4805 | 3994 |
| 12 chrD3.11706(G | A | 0.05264 | 4008 |
| 12 chrD3.11709(A | C | 0.08994 | 3958 |
| 12 chrD3.11713(A | G | 0.0792 | 3952 |
| 12 chrD3.11716(G | A | 0.2836 | 3998 |
| 12 chrD3.11728(A | G | 0.1691 | 3974 |
| 12 chrD3.11737(A | C | 0.3014 | 3978 |
| 12 chrD3.11739(A | G | 0.001247 | 4010 |
| 12 chrD3.11740(G | A | 0.1748 | 3958 |
| 12 chrD3.11750(G | A | 0.4448 | 3970 |
| 12 chrD3.11752(A | G | 0.3132 | 3870 |
| 12 chrD3.11758(A | G | 0.1599 | 4002 |
| 12 chrD3.11764(G | A | 0.357 | 4000 |
| 12 chrD3.11769(G | A | 0.1466 | 3902 |
| 12 chrD3.11776(A | G | 0.2572 | 3966 |
| 12 chrD3.11781(A | G | 0.03067 | 4010 |
| 12 chrD3.11787(A | G | 0.2139 | 3998 |
| 12 chrD3.11792(A | G | 0.04927 | 3998 |
| 12 chrD3.11799(G | A | 0.2712 | 4000 |
| 12 chrD3.11802(A | G | 0.2824 | 3998 |
| 12 chrD3.11808(A | G | 0.458 | 3998 |
| 12 chrD3.11815(G | A | 0.2901 | 3992 |
| 12 chrD3.11820(A | G | 0.06702 | 3820 |
| 12 chrD3.11825(A | G | 0.3237 | 3994 |
| 12 chrD3.11826(G | 0 G | 0 | 4006 |
| 12 chrD3.11829(A | G | 0.06922 | 4002 |
| 12 chrD3.11832(A | G | 0.2004 | 3998 |
| 12 chrD3.11838(A | G | 0.06138 | 4008 |
| 12 chrD3.11844(A | G | 0.4859 | 3974 |
| 12 chrD3.11847(A | G | 0.4272 | 3998 |
| 12 chrD3.11854(G | A | 0.173 | 4000 |
| 12 chrUn.75706(G | A | 0.2214 | 4010 |
| 12 chrD3.11860(A | G | 0.127 | 3970 |
| 12 chrD3.11863(A | C | 0.2149 | 3928 |
| 12 chrD3.11865(A | G | 0.4115 | 3920 |
| 12 chrD3.11868(G | A | 0.4159 | 3866 |
| 12 chrD3.11871(A | G | 0.44 | 4000 |
| 12 chrD3.11874(A | G | 0.0884 | 3948 |

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| 12 chrD3.11879A | G | 0.4835 | 3988 |
| 12 chrD3.11884A | G | 0.28 | 3928 |
| 12 chrD3.11886C | A | 0.4095 | 4000 |
| 12 chrD3.11892A | G | 0.1692 | 4002 |
| 12 chrD3.11902G | A | 0.08467 | 4004 |
| 12 chrD3.11905G | A | 0.4422 | 3998 |
| 12 chrD3.11907A | G | 0.4745 | 4006 |
| 12 chrD3.11913G | A | 0.4537 | 3996 |
| 12 chrUn.69795C | A | 0.2744 | 3790 |
| 12 chrD3.11918A | G | 0.3531 | 4004 |
| 12 chrD3.11920A | G | 0.06687 | 4008 |
| 12 chrD3.11924G | A | 0.432 | 4000 |
| 12 chrD3.11927G | A | 0.3383 | 4008 |
| 12 chrD3.11928A | G | 0.06175 | 4000 |
| 12 chrD3.11933G | A | 0.1329 | 4004 |
| 12 chrD3.11937A | C | 0.3651 | 4004 |
| 12 chrD3.11947G | A | 0.3834 | 4006 |
| 12 chrD3.11952G | A | 0.1986 | 3872 |
| 12 chrD3.11955A | G | 0.03858 | 3992 |
| 12 chrD3.11965G | A | 0.2097 | 4006 |
| 12 chrD3.11971A | G | 0.3864 | 4004 |
| 12 chrD3.11979A | G | 0.06672 | 4002 |
| 12 chrD3.11988G | A | 0.4565 | 3998 |
| 12 chrD3.11993A | G | 0.1678 | 3964 |
| 12 chrD3.11996A | G | 0.2288 | 3978 |
| 12 chrD3.12000A | G | 0.1492 | 3980 |
| 12 chrD3.12005G | A | 0.1339 | 4010 |
| 12 chrD3.12008G | A | 0.2604 | 3990 |
| 12 chrD3.12010G | A | 0.002506 | 3990 |
| 12 chrD3.12013G | A | 0.08183 | 3666 |
| 12 chrD3.12025C | A | 0.3033 | 3996 |
| 12 chrD3.12028G | A | 0.002996 | 4006 |
| 12 chrD3.12031G | A | 0.3627 | 4006 |
| 12 chrD3.12036G | A | 0.1959 | 3956 |
| 12 chrD3.12039A | G | 0.4156 | 4004 |
| 12 chrD3.12042G | A | 0.4573 | 3936 |
| 12 chrD3.12047G | A | 0.1395 | 4006 |
| 12 chrD3.12053A | G | 0.4083 | 4004 |
| 12 chrD3.12057G | A | 0.2717 | 3846 |
| 12 chrD3.12061G | A | 0.4358 | 4006 |
| 12 chrD3.12063A | G | 0.2287 | 3996 |

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| 12 chrD3.12066 | C | A | 0.1971 | 3998 |
| 12 chrD3.12070 | G | A | 0.2461 | 3998 |
| 12 chrD3.12073 | G | A | 0.4297 | 4000 |
| 12 chrD3.12078 | A | G | 0.4952 | 3950 |
| 12 chrD3.12080 | A | G | 0.2626 | 3922 |
| 12 chrD3.12082 | G | A | 0.03817 | 4008 |
| 12 chrD3.12086 | A | G | 0.07958 | 3996 |
| 12 chrD3.12090 | G | A | 0.1992 | 4006 |
| 12 chrD3.12096 | A | G | 0.07716 | 3966 |
| 12 chrD3.12100 | G | A | 0.3077 | 3998 |
| 12 chrD3.12104 | C | A | 0.2067 | 4006 |
| 12 chrD3.12108 | G | A | 0.2599 | 4002 |
| 12 chrD3.12112 | A | G | 0.04339 | 3734 |
| 12 chrD3.12118 | G | A | 0.1987 | 3990 |
| 12 chrD3.12118 | A | G | 0.1573 | 4004 |
| 12 chrUn2.4519 | C | A | 0.4713 | 4006 |
| 12 chrD3.12125 | G | A | 0.3015 | 3924 |
| 12 chrD3.12128 | G | A | 0.4822 | 3998 |
| 12 chrD3.12131 | A | G | 0.4639 | 3910 |
| 12 chrUn9.3321 | G | A | 0.2236 | 4002 |
| 12 chrUn9.3209 | A | G | 0.07535 | 4008 |
| 12 chrUn9.3179 | G | A | 0.3551 | 3988 |
| 12 chrD3.12146 | A | G | 0.1124 | 3940 |
| 12 chrD3.12151 | A | G | 0.3705 | 4000 |
| 12 chrUn.18100 | G | A | 0.2699 | 3998 |
| 12 chrUn9.2954 | A | G | 0.1656 | 3870 |
| 12 chrD3.12154 | A | C | 0.3684 | 3950 |
| 12 chrUn9.2923 | G | A | 0.1605 | 4006 |
| 12 chrUn9.2833 | G | A | 0.08142 | 4004 |
| 12 chrD3.12163 | A | G | 0.1322 | 3978 |
| 12 chrD3.12166 | A | C | 0.08926 | 3966 |
| 12 chrD3.12169 | G | A | 0.05503 | 3834 |
| 12 chrD3.12172 | A | G | 0.1466 | 3880 |
| 12 chrD3.12176 | G | A | 0.3247 | 3994 |
| 12 chrD3.12181 | A | G | 0.2339 | 3976 |
| 12 chrD3.12185 | G | A | 0.3023 | 3996 |
| 12 chrD3.12188 | A | G | 0.3896 | 3984 |
| 12 chrD3.12193 | A | G | 0.2934 | 3998 |
| 12 chrD3.12199 | A | G | 0.3892 | 3954 |
| 12 chrD3.12204 | A | C | 0.465 | 3970 |
| 12 chrD3.12210 | A | G | 0.1791 | 4004 |

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| 12 chrD3.12215 | A | G | 0.1238 | 4008 |
| 12 chrD3.12219 | A | C | 0.2135 | 3962 |
| 12 chrD3.12222 | A | C | 0.0507 | 4004 |
| 12 chrD3.12228 | A | G | 0.05564 | 4008 |
| 12 chrD3.12229 | G | A | 0.03881 | 3994 |
| 12 chrB2.16659 | A | C | 0.4088 | 3980 |
| 12 chrD3.12234 | A | G | 0.0725 | 3986 |
| 12 chrD3.12238 | A | G | 0.2461 | 3986 |
| 12 chrD3.12240 | A | C | 0.2397 | 3992 |
| 12 chrD3.12244 | A | G | 0.432 | 3984 |
| 12 chrD3.12247 | G | A | 0.2813 | 3896 |
| 12 chrD3.12251 | A | G | 0.0504 | 3968 |
| 12 chrD3.12256 | A | C | 0.459 | 3952 |
| 12 chrD3.12262 | G | A | 0.3775 | 4008 |
| 12 chrD3.12274 | A | G | 0.1359 | 3982 |
| 12 chrD3.12278 | G | A | 0.2264 | 4006 |
| 12 chrD3.12281 | G | A | 0.1256 | 3990 |
| 12 chrUn.71953 | A | G | 0.3731 | 4002 |
| 12 chrD3.12289 | G | A | 0.3567 | 4006 |
| 12 chrD3.12292 | A | G | 0.1965 | 3994 |
| 12 chrD3.12296 | C | A | 0.4637 | 3994 |
| 12 chrD3.12299 | G | A | 0.1625 | 4006 |
| 12 chrD3.12300 | A | G | 0.06722 | 4002 |
| 12 chrD3.12303 | G | A | 0.3623 | 4000 |
| 12 chrD3.12307 | A | G | 0.1322 | 4002 |
| 12 chrD3.12312 | A | G | 0.3858 | 3994 |
| 12 chrD3.12318 | G | A | 0.3054 | 3982 |
| 12 chrD3.12324 | A | G | 0.2368 | 3970 |
| 12 chrD3.12328 | A | G | 0.1809 | 3714 |
| 12 chrD3.12331 | A | C | 0.2981 | 3988 |
| 12 chrD3.12334 | G | A | 0.0963 | 3998 |
| 12 chrD3.12338 | G | A | 0.2938 | 4006 |
| 12 chrD3.12341 | A | C | 0.4465 | 4002 |
| 12 chrD3.12344 | A | G | 0.0694 | 4006 |
| 12 chrD3.12350 | A | G | 0.3651 | 4002 |
| 12 chrD3.12354 | A | G | 0.4483 | 4002 |
| 12 chrD3.12357 | A | G | 0.3233 | 3990 |
| 12 chrD3.12366 | A | C | 0.4768 | 4004 |
| 12 chrD3.12372 | G | A | 0.1489 | 3996 |
| 12 chrD3.12373 | A | 0 G | 0 | 4010 |
| 12 chrD3.12378 | G | A | 0.2545 | 3996 |

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| 12 chrD3.12381(A | G | 0.08446 | 4002 |
| 12 chrD3.12388G | A | 0.2956 | 4002 |
| 12 chrD3.12388A | G | 0.006507 | 3996 |
| 12 chrD3.12392G | A | 0.03869 | 4006 |
| 12 chrD3.12396G | A | 0.1256 | 3972 |
| 12 chrD3.12401G | A | 0.1922 | 4006 |
| 12 chrD3.12407A | G | 0.1754 | 3992 |
| 12 chrD3.12410G | A | 0.326 | 3884 |
| 12 chrD3.12413A | G | 0.4286 | 3990 |
| 12 chrD3.12418G | A | 0.2626 | 4002 |
| 12 chrD3.12422G | A | 0.4184 | 3996 |
| 12 chrD3.12425(A | G | 0.3007 | 4000 |
| 12 chrD3.12429A | G | 0.1727 | 3996 |
| 12 chrD3.12434G | A | 0.353 | 4008 |
| 12 chrD3.12444A | G | 0.1281 | 4004 |
| 12 chrD3.12447A | G | 0.2012 | 3936 |
| 12 chrD3.12451A | G | 0.05694 | 4004 |
| 12 chrD3.12456A | G | 0.4144 | 3996 |
| 12 chrD3.12462A | G | 0.4761 | 3982 |
| 12 chrD3.12466A | G | 0.1282 | 3924 |
| 12 chrD3.12471A | G | 0.18 | 3994 |
| 12 chrD3.12474A | C | 0.08853 | 4010 |
| 12 chrD3.12477A | C | 0.1434 | 3988 |
| 12 chrD3.12481(A | G | 0.4792 | 3990 |
| 12 chrD3.12484A | G | 0.251 | 3992 |
| 12 chrD3.12490C | A | 0.08057 | 3984 |
| 12 chrD3.12493C | A | 0.255 | 3980 |
| 12 chrD3.12499A | G | 0.476 | 4004 |
| 12 chrD3.12504G | A | 0.4315 | 4000 |
| 12 chrD3.12507(A | C | 0.2636 | 3960 |
| 12 chrD3.12514A | C | 0.1131 | 4006 |
| 12 chrD3.12529G | A | 0.4423 | 3988 |
| 12 chrD3.12536A | C | 0.1064 | 3918 |
| 12 chrD3.12541(A | G | 0.4944 | 3944 |
| 12 chrD3.12543C | A | 0.1997 | 3816 |
| 12 chrD3.12544G | 0 G | 0 | 4010 |
| 12 chrD3.12547A | G | 0.04895 | 4004 |
| 12 chrD3.12552A | C | 0.2609 | 4002 |
| 12 chrD3.12554(G | A | 0.4744 | 3992 |
| 12 chrD3.12558A | G | 0.3421 | 3996 |
| 12 chrD3.12565(G | A | 0.485 | 3992 |

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| 12 chrD3.12568 | A | G | 0.219 | 4004 |
| 12 chrD3.12572 | G | A | 0.2446 | 3982 |
| 12 chrD3.12577 | A | G | 0.132 | 4000 |
| 12 chrD3.12582 | A | G | 0.1905 | 4010 |
| 12 chrD3.12588 | A | G | 0.1818 | 3972 |
| 12 chrD3.12594 | G | A | 0.4762 | 4000 |
| 12 chrC1.22202 | G | A | 0.1073 | 3980 |
| 12 chrC1.22231 | A | G | 0.2911 | 3978 |
| 12 chrD3.12608 | G | A | 0.2338 | 3922 |
| 12 chrD3.12614 | A | G | 0.03381 | 3756 |
| 12 chrC1.22270 | A | G | 0.486 | 4002 |
| 12 chrC1.22273 | A | C | 0.3115 | 3994 |
| 12 chrC1.22277 | C | G | 0.226 | 4008 |
| 12 chrC1.22280 | G | A | 0.1769 | 3986 |
| 12 chrC1.22288 | A | G | 0.4308 | 3990 |
| 12 chrC1.22300 | A | G | 0.1386 | 3976 |
| 12 chrC1.22307 | G | A | 0.2147 | 3992 |
| 12 chrC1.22315 | G | A | 0.4035 | 3998 |
| 12 chrC1.22322 | G | A | 0.3987 | 3712 |
| 12 chrD3.12655 | A | G | 0.2145 | 3990 |
| 12 chrC1.22339 | A | C | 0.3947 | 3998 |
| 12 chrC1.22345 | G | A | 0.398 | 3952 |
| 12 chrC1.22358 | G | A | 0.4367 | 3984 |
| 12 chrC1.22367 | C | C | 0.1402 | 3994 |
| 12 chrC1.22370 | G | A | 0.1958 | 3942 |
| 12 chrD3.12672 | G | A | 0.3187 | 4004 |
| 12 chrD3.12672 | G | A | 0.087 | 4000 |
| 12 chrD3.12684 | A | G | 0.3673 | 3980 |
| 12 chrC1.22380 | A | C | 0.2384 | 3918 |
| 12 chrD3.12679 | A | G | 0.3593 | 4000 |
| 12 chrC1.22383 | A | G | 0.3185 | 4006 |
| 12 chrUn.53142 | G | C | 0.3974 | 3996 |
| 12 chrD3.12691 | A | G | 0.4426 | 4004 |
| 12 chrD3.12695 | G | A | 0.3621 | 3996 |
| 12 chrD3.12701 | A | G | 0.1245 | 4000 |
| 12 chrD3.12704 | G | A | 0.383 | 3976 |
| 12 chrD3.12709 | A | G | 0.1878 | 4000 |
| 12 chrD3.12713 | A | C | 0.2614 | 3998 |
| 12 chrD3.12713 | A | 0 G | 0 | 4004 |
| 12 chrD3.12720 | G | A | 0.2027 | 3814 |
| 12 chrD3.12722 | A | G | 0.2213 | 4004 |

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| 12 chrD3.12727 | G | A | 0.3019 | 3872 |
| 12 chrD3.12734 | A | G | 0.005503 | 3998 |
| 12 chrD3.12735 | | 0 G | 0 | 4010 |
| 12 chrD3.12743 | A | G | 0.2916 | 3968 |
| 12 chrD3.12746 | C | A | 0.09869 | 3962 |
| 12 chrD3.12751 | G | A | 0.1081 | 4004 |
| 12 chrD3.12753 | G | A | 0.4564 | 3946 |
| 12 chrD3.12759 | G | A | 0.1605 | 4000 |
| 12 chrD3.12764 | A | G | 0.1003 | 4006 |
| 12 chrD3.12773 | A | G | 0.07121 | 3988 |
| 12 chrD3.12779 | G | A | 0.04248 | 4002 |
| 12 chrD3.12790 | G | A | 0.162 | 3968 |
| 12 chrD3.12797 | G | A | 0.3528 | 3914 |
| 12 chrD3.12801 | G | A | 0.1836 | 3992 |
| 12 chrD3.12802 | G | A | 0.1307 | 3756 |
| 12 chrD3.12810 | G | A | 0.1216 | 3998 |
| 12 chrD3.12815 | A | G | 0.1273 | 3998 |
| 12 chrD3.12824 | A | G | 0.1095 | 3926 |
| 12 chrD3.12827 | A | G | 0.1453 | 3978 |
| 12 chrD3.12832 | G | A | 0.3839 | 3824 |
| 12 chrD3.12835 | G | A | 0.04067 | 4008 |
| 12 chrD3.12839 | A | C | 0.03554 | 3996 |
| 12 chrUn1.1011 | G | A | 0.09515 | 4004 |
| 12 chrUn1.9677 | A | G | 0.1449 | 3996 |
| 12 chrUn1.9412 | A | G | 0.29 | 3958 |
| 12 chrUn1.8919 | A | G | 0.273 | 3982 |
| 12 chrUn1.8670 | A | G | 0.2771 | 3880 |
| 12 chrUn1.8363 | A | G | 0.1728 | 3998 |
| 12 chrUn1.8002 | A | G | 0.4961 | 3842 |
| 12 chrUn1.7740 | G | A | 0.1078 | 3776 |
| 12 chrUn1.7591 | G | A | 0.06618 | 3974 |
| 12 chrUn1.7348 | G | A | 0.04582 | 3928 |
| 12 chrUn1.7111 | A | G | 0.04502 | 3932 |
| 12 chrUn1.6613 | A | G | 0.4073 | 3938 |
| 12 chrUn1.6227 | G | A | 0.002994 | 4008 |
| 12 chrUn1.5656 | A | G | 0.4826 | 3976 |
| 12 chrUn1.5254 | C | A | 0.1863 | 3978 |
| 12 chrUn1.5004 | | 0 A | 0 | 4010 |
| 12 chrUn1.4989 | A | G | 0.09703 | 3906 |
| 12 chrUn1.4316 | C | A | 0.07735 | 4008 |
| 12 chrUn1.4313 | A | G | 0.4446 | 4004 |

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| 12 chrUn1.40231A | G | 0.2712 | 3860 |
| 12 chrUn1.33311C | A | 0.1118 | 3988 |
| 12 chrUn1.29391A | G | 0.2866 | 3998 |
| 12 chrUn1.23431G | A | 0.4503 | 3942 |
| 12 chrUn1.16401A | G | 0.0335 | 4000 |
| 12 chrUn.372680 | 0 G | 0 | 4010 |
| 12 chrUn1.10581A | G | 0.1318 | 3992 |
| 12 chrUn1.57591A | G | 0.0594 | 3990 |
| 13 chrE3.424305A | G | 0.1199 | 4002 |
| 13 chrE2.125258A | G | 0.2649 | 3982 |
| 13 chrE2.115813A | G | 0.1053 | 3826 |
| 13 chrE2.119835G | A | 0.499 | 3988 |
| 13 chrE2.109895A | G | 0.3025 | 4006 |
| 13 chrE2.103745A | G | 0.4235 | 3974 |
| 13 chrE2.100223A | G | 0.1087 | 3976 |
| 13 chrE2.970570A | G | 0.3738 | 4000 |
| 13 chrE2.928778A | G | 0.2175 | 3950 |
| 13 chrUn.257171G | A | 0.4125 | 3990 |
| 13 chrE2.900630A | G | 0.167 | 3988 |
| 13 chrE2.875485G | A | 0.2867 | 4004 |
| 13 chrE2.849180A | C | 0.108 | 3952 |
| 13 chrE2.821187C | A | 0.08652 | 3710 |
| 13 chrE2.742240G | A | 0.1367 | 3776 |
| 13 chrE2.707000G | A | 0.1555 | 3980 |
| 13 chrE2.623995A | C | 0.1504 | 3984 |
| 13 chrE2.608565A | C | 0.000998 | 4008 |
| 13 chrE2.588002A | C | 0.3237 | 3880 |
| 13 chrE2.466598A | C | 0.3364 | 3998 |
| 13 chrE2.332966A | G | 0.1325 | 3992 |
| 13 chrE2.282068A | G | 0.4964 | 3914 |
| 13 chrE2.217505A | G | 0.1944 | 4002 |
| 13 chrE2.181658A | G | 0.3161 | 3800 |
| 13 chrE2.135593A | G | 0.478 | 3994 |
| 13 chrE2.65737 G | A | 0.4137 | 3996 |
| 13 chrE2.25497 A | G | 0.2315 | 4004 |
| 13 chrUn1.19731A | G | 0.1763 | 3846 |
| 13 chrUn1.19671G | A | 0.4096 | 3994 |
| 13 chrUn1.19621G | A | 0.2356 | 3934 |
| 13 chrUn1.19581A | G | 0.3873 | 3710 |
| 13 chrUn1.19541A | G | 0.1813 | 3932 |
| 13 chrUn1.19501A | G | 0.08296 | 4002 |

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| 13 chrUn1.1947!C | A | 0.1604 | 3840 |
| 13 chrUn1.1944!A | G | 0.07614 | 4006 |
| 13 chrUn1.1941!A | G | 0.2451 | 3974 |
| 13 chrUn1.1937!A | G | 0.02287 | 3760 |
| 13 chrUn1.1934!A | G | 0.1714 | 3932 |
| 13 chrUn1.1924!G | A | 0.1744 | 3986 |
| 13 chrUn1.1915!G | A | 0.4533 | 3984 |
| 13 chrUn1.1905!C | A | 0.1716 | 3998 |
| 13 chrUn1.1902!A | G | 0.1347 | 3988 |
| 13 chrUn1.1892!A | G | 0.06222 | 3986 |
| 13 chrUn1.1883!A | G | 0.485 | 3990 |
| 13 chrUn1.1880!G | A | 0.4727 | 3988 |
| 13 chrUn1.1877!G | A | 0.3273 | 3996 |
| 13 chrUn1.1872!G | A | 0.06733 | 4010 |
| 13 chrUn.59820!G | A | 0.2851 | 3984 |
| 13 chrUn1.1866!A | C | 0.3007 | 3974 |
| 13 chrUn1.1860!G | A | 0.3073 | 4002 |
| 13 chrUn1.1851!A | G | 0.174 | 4006 |
| 13 chrUn1.1848!G | A | 0.2703 | 3984 |
| 13 chrUn1.1844!A | G | 0.1879 | 4002 |
| 13 chrUn1.1839!G | A | 0.1198 | 3972 |
| 13 chrUn1.1831!A | G | 0.0399 | 4010 |
| 13 chrUn1.1829!A | C | 0.33 | 3946 |
| 13 chrUn1.1825!C | A | 0.493 | 4004 |
| 13 chrUn1.1822!A | G | 0.08396 | 4002 |
| 13 chrUn1.1819!A | G | 0.3577 | 3964 |
| 13 chrUn1.1813!A | G | 0.0262 | 3970 |
| 13 chrUn1.1813!A | G | 0.1196 | 4004 |
| 13 chrUn1.1809!G | A | 0.1698 | 4010 |
| 13 chrUn1.1806!A | G | 0.3292 | 3998 |
| 13 chrUn1.1800!G | A | 0.06184 | 3962 |
| 13 chrUn1.1798!C | A | 0.26 | 3746 |
| 13 chrUn1.1794!G | A | 0.2282 | 3974 |
| 13 chrUn1.1783!G | A | 0.1374 | 4002 |
| 13 chrUn1.1780!G | A | 0.3859 | 3962 |
| 13 chrUn1.1777!G | A | 0.4868 | 4004 |
| 13 chrUn1.1772!A | G | 0.1922 | 3996 |
| 13 chrUn1.1767!C | A | 0.2157 | 3960 |
| 13 chrUn1.1763!G | A | 0.009 | 4000 |
| 13 chrUn1.1759!A | G | 0.4459 | 3994 |
| 13 chrUn1.1754!G | A | 0.1786 | 4004 |

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| 13 chrUn.80064:A | C | 0.2164 | 3974 |
| 13 chrUn1.1748:A | G | 0.0374 | 3690 |
| 13 chrUn1.1745:G | A | 0.05517 | 4006 |
| 13 chrUn1.1742:G | A | 0.4459 | 3990 |
| 13 chrUn1.1739:C | A | 0.4504 | 3990 |
| 13 chrUn1.1734:A | G | 0.00692 | 3902 |
| 13 chrUn1.1731:A | G | 0.03796 | 3978 |
| 13 chrUn1.1725:G | A | 0.3197 | 3998 |
| 13 chrUn1.1719:A | G | 0.05915 | 3990 |
| 13 chrUn1.1716:A | G | 0.3359 | 3992 |
| 13 chrUn1.1714:A | G | 0.3118 | 3980 |
| 13 chrUn1.1712:A | G | 0.1968 | 3984 |
| 13 chrUn1.1707:A | G | 0.1589 | 3882 |
| 13 chrUn1.1698:G | A | 0.3093 | 4006 |
| 13 chrUn1.1694:A | G | 0.255 | 3996 |
| 13 chrUn1.1691:A | G | 0.09155 | 3998 |
| 13 chrUn1.1688:C | A | 0.02013 | 3776 |
| 13 chrUn1.1675:C | A | 0.3993 | 3982 |
| 13 chrUn1.1672:G | A | 0.3684 | 3960 |
| 13 chrUn1.1668:G | A | 0.1298 | 4006 |
| 13 chrUn1.1665:G | A | 0.1527 | 3996 |
| 13 chrUn1.1659:G | A | 0.403 | 4010 |
| 13 chrUn1.1654:A | G | 0.3021 | 3982 |
| 13 chrUn1.1642:C | A | 0.275 | 3996 |
| 13 chrUn1.1637:A | G | 0.012 | 4000 |
| 13 chrUn1.1634:C | A | 0.108 | 3982 |
| 13 chrUn1.1627:A | G | 0.3819 | 4004 |
| 13 chrUn1.1619:A | G | 0.1354 | 4004 |
| 13 chrUn1.1613:G | A | 0.4549 | 3970 |
| 13 chrUn1.1609:C | A | 0.4927 | 3994 |
| 13 chrUn1.1607:G | A | 0.3665 | 4000 |
| 13 chrUn1.1597:A | G | 0.1213 | 3974 |
| 13 chrUn1.1591:A | G | 0.3422 | 4004 |
| 13 chrUn1.1587:G | A | 0.4673 | 4002 |
| 13 chrUn1.1582:C | A | 0.1234 | 3946 |
| 13 chrUn1.1579:A | G | 0.104 | 4008 |
| 13 chrUn1.1570:A | G | 0.1599 | 4008 |
| 13 chrUn1.1568:A | G | 0.2235 | 4004 |
| 13 chrUn1.1556:A | G | 0.1337 | 3964 |
| 13 chrUn1.1553:A | G | 0.2179 | 4006 |
| 13 chrUn1.1548:G | A | 0.2817 | 3994 |

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| 13 chrUn1.1544A | C | 0.3026 | 3986 |
| 13 chrUn1.1541A | G | 0.202 | 4000 |
| 13 chrUn1.1536C | A | 0.2797 | 3972 |
| 13 chrUn1.1532G | A | 0.4415 | 4000 |
| 13 chrUn1.1526A | G | 0.4807 | 3986 |
| 13 chrUn1.1525A | G | 0.3276 | 3922 |
| 13 chrUn1.1525A | G | 0.359 | 4000 |
| 13 chrUn1.1517G | A | 0.1806 | 3992 |
| 13 chrUn1.1510A | G | 0.3735 | 3890 |
| 13 chrUn1.1507A | G | 0.1761 | 3998 |
| 13 chrUn1.1502A | G | 0.1291 | 3998 |
| 13 chrUn1.1492A | G | 0.2094 | 4006 |
| 13 chrUn1.1485G | A | 0.2318 | 4004 |
| 13 chrUn1.1488A | G | 0.2188 | 3816 |
| 13 chrUn1.1480A | G | 0.3019 | 3998 |
| 13 chrUn1.1473G | A | 0.2067 | 4006 |
| 13 chrUn1.1469A | G | 0.2077 | 4000 |
| 13 chrUn1.1463A | G | 0.2937 | 3994 |
| 13 chrUn1.1459G | A | 0.2657 | 3892 |
| 13 chrUn1.1456G | A | 0.2875 | 4000 |
| 13 chrUn1.1452G | A | 0.2843 | 4006 |
| 13 chrUn1.1444A | G | 0.3549 | 3810 |
| 13 chrUn1.1439G | A | 0.2564 | 4006 |
| 13 chrUn1.1434A | C | 0.483 | 3998 |
| 13 chrUn1.1429A | C | 0.4086 | 3984 |
| 13 chrUn1.1427G | A | 0.08196 | 4002 |
| 13 chrD4.64939C | A | 0.3045 | 3994 |
| 13 chrD4.64826A | G | 0.03807 | 3966 |
| 13 chrD4.64037A | G | 0.2369 | 4002 |
| 13 chrD4.63545A | G | 0.3271 | 4002 |
| 13 chrD4.62762A | G | 0.182 | 3692 |
| 13 chrD4.62384A | G | 0.2755 | 3920 |
| 13 chrD4.62275G | A | 0.4883 | 4002 |
| 13 chrD4.61690C | A | 0.2735 | 4000 |
| 13 chrD4.61318A | C | 0.4277 | 3818 |
| 13 chrUn.33584A | G | 0.0981 | 3996 |
| 13 chrD4.60829G | A | 0.4618 | 3928 |
| 13 chrD4.60313A | C | 0.2312 | 3706 |
| 13 chrD4.60073G | A | 0.0269 | 3978 |
| 13 chrD4.59689A | C | 0.09325 | 4000 |
| 13 chrD4.59444A | G | 0.1554 | 3932 |

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| 13 chrD4.59024(G | A | 0.1113 | 4008 |
| 13 chrD4.58281(A | G | 0.3943 | 3994 |
| 13 chrD4.57854(G | A | 0.3373 | 3976 |
| 13 chrD4.57011(C | A | 0.3868 | 3974 |
| 13 chrD4.56427(A | G | 0.3726 | 3994 |
| 13 chrD4.55256(G | A | 0.001748 | 4004 |
| 13 chrD4.54310(A | G | 0.2733 | 3970 |
| 13 chrD4.53943(A | G | 0.3605 | 3994 |
| 13 chrD4.53494(C | A | 0.1133 | 3928 |
| 13 chrD4.52958(C | A | 0.1051 | 3852 |
| 13 chrD4.52715(G | A | 0.01626 | 3998 |
| 13 chrD4.51725(A | G | 0.3061 | 4008 |
| 13 chrD4.51207(G | A | 0.3885 | 3892 |
| 13 chrX.135230(A | G | 0.3481 | 3872 |
| 13 chrD4.50928(A | G | 0.04244 | 4006 |
| 13 chrD4.50688(A | C | 0.368 | 3992 |
| 13 chrD4.50242(A | G | 0.2862 | 3892 |
| 13 chrD4.48330(G | A | 0.4098 | 4004 |
| 13 chrD4.47891(A | G | 0.002246 | 4008 |
| 13 chrD4.47628(A | G | 0.2537 | 4004 |
| 13 chrD4.47263(A | G | 0.429 | 4002 |
| 13 chrD4.46775(A | G | 0.1324 | 3996 |
| 13 chrD4.46477(G | A | 0.006552 | 3968 |
| 13 chrD4.45951(A | G | 0.2947 | 3990 |
| 13 chrD4.45270(A | G | 0.3044 | 3988 |
| 13 chrD4.44836(A | G | 0.2662 | 3986 |
| 13 chrD4.44434(A | C | 0.4073 | 4002 |
| 13 chrD4.43248(G | A | 0.3005 | 3674 |
| 13 chrD4.42535(A | G | 0.3438 | 4002 |
| 13 chrD4.42290(A | G | 0.02366 | 3930 |
| 13 chrD4.42044(A | A | 0.4191 | 3968 |
| 13 chrD4.41720(A | G | 0.1963 | 3998 |
| 13 chrD4.41265(G | A | 0.2622 | 4004 |
| 13 chrD4.40728(G | A | 0.08052 | 3788 |
| 13 chrD4.40194(A | G | 0.1686 | 4010 |
| 13 chrD4.39938(A | G | 0.4308 | 4004 |
| 13 chrD4.39504(A | G | 0.05938 | 4008 |
| 13 chrD4.39193(A | G | 0.4222 | 3920 |
| 13 chrD4.38622(A | G | 0.2856 | 4006 |
| 13 chrD4.38603(A | C | 0.1667 | 3936 |
| 13 chrD4.36817(G | A | 0.4066 | 4006 |

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| 13 chrD4.360647A | G | 0.1917 | 3996 |
| 13 chrD4.352288G | A | 0.2485 | 4008 |
| 13 chrD4.345051G | A | 0.2809 | 4008 |
| 13 chrD4.342275A | G | 0.1367 | 3988 |
| 13 chrD4.337556A | G | 0.3833 | 3906 |
| 13 chrD4.330571A | G | 0.4892 | 3994 |
| 13 chrD4.324571A | G | 0.0125 | 4000 |
| 13 chrD4.319651A | G | 0.1349 | 3914 |
| 13 chrD4.316469C | A | 0.03454 | 3908 |
| 13 chrD4.310426A | G | 0.1442 | 3954 |
| 13 chrD4.306129A | G | 0.01975 | 3798 |
| 13 chrD4.303345A | G | 0.2456 | 3998 |
| 13 chrD4.292230A | G | 0.03665 | 3956 |
| 13 chrD4.287569G | A | 0.2628 | 3976 |
| 13 chrD4.278315G | A | 0.326 | 4006 |
| 13 chrD4.268838 | 0 A | 0 | 4010 |
| 13 chrD4.268178A | G | 0.362 | 4000 |
| 13 chrD4.265121A | G | 0.4685 | 4004 |
| 13 chrD4.260817G | A | 0.4928 | 3902 |
| 13 chrD4.259881G | A | 0.407 | 4000 |
| 13 chrD4.257538A | G | 0.3037 | 3922 |
| 13 chrD4.253889G | A | 0.08815 | 3982 |
| 13 chrD4.250550G | A | 0.2986 | 3998 |
| 13 chrD4.245775A | G | 0.1078 | 4006 |
| 13 chrUn.448451A | G | 0.4587 | 4000 |
| 13 chrD4.242115G | A | 0.2332 | 3910 |
| 13 chrD4.239256C | A | 0.04015 | 3910 |
| 13 chrD4.236881G | A | 0.2303 | 3886 |
| 13 chrD4.230337A | G | 0.3733 | 3994 |
| 13 chrD4.227681A | C | 0.3137 | 3998 |
| 13 chrD4.219129A | C | 0.1162 | 3994 |
| 13 chrD4.211381G | A | 0.1818 | 3994 |
| 13 chrD4.207534G | A | 0.009731 | 4008 |
| 13 chrD4.205145A | G | 0.3198 | 3978 |
| 13 chrD4.199539A | C | 0.4425 | 3998 |
| 13 chrD4.193618A | C | 0.05838 | 4008 |
| 13 chrD4.190915A | G | 0.3705 | 3992 |
| 13 chrD4.183778A | G | 0.1933 | 4010 |
| 13 chrD4.180008G | A | 0.2424 | 4006 |
| 13 chrD4.179621G | A | 0.3685 | 4000 |
| 13 chrD4.171446G | A | 0.2561 | 3986 |

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| 13 chrD4.16794 | C | A | 0.401 | 3988 |
| 13 chrD4.16253 | G | A | 0.2604 | 3910 |
| 13 chrD4.15449 | G | A | 0.2114 | 4002 |
| 13 chrD4.14994 | G | A | 0.2978 | 4000 |
| 13 chrD4.14553 | A | G | 0.3519 | 3984 |
| 13 chrD4.14213 | A | G | 0.0324 | 3982 |
| 13 chrD4.13663 | A | G | 0.001008 | 3970 |
| 13 chrD4.13182 | C | A | 0.1478 | 3674 |
| 13 chrD4.12807 | A | G | 0.4638 | 4006 |
| 13 chrD4.12058 | A | C | 0.3944 | 3986 |
| 13 chrD4.11602 | A | G | 0.1509 | 3950 |
| 13 chrD4.11198 | G | A | 0.2302 | 3996 |
| 13 chrD4.10348 | G | A | 0.04793 | 4006 |
| 13 chrD4.98388 | A | G | 0.3658 | 4000 |
| 13 chrD4.92151 | G | A | 0.3195 | 4006 |
| 13 chrD4.90848 | A | C | 0.3686 | 3996 |
| 13 chrD4.87480 | C | A | 0.2839 | 3998 |
| 13 chrD4.83762 | C | A | 0.163 | 3988 |
| 13 chrD4.78961 | A | C | 0.291 | 3924 |
| 13 chrD4.76367 | A | G | 0.291 | 3996 |
| 13 chrD4.71678 | A | G | 0.2464 | 3936 |
| 13 chrD4.67994 | A | A | 0.1283 | 4006 |
| 13 chrD4.61909 | G | A | 0.05597 | 4002 |
| 13 chrD4.58918 | G | A | 0.2131 | 3966 |
| 13 chrD4.52759 | C | A | 0.1233 | 3998 |
| 13 chrD4.49582 | A | G | 0.4755 | 3958 |
| 13 chrD4.43662 | A | G | 0.4377 | 3996 |
| 13 chrD4.38924 | A | G | 0.1428 | 3852 |
| 13 chrD4.33227 | A | G | 0.2484 | 3970 |
| 13 chrD4.29131 | A | G | 0.07368 | 4004 |
| 13 chrD4.24408 | G | A | 0.4565 | 3996 |
| 13 chrD4.20091 | G | A | 0.4006 | 3994 |
| 13 chrD4.15657 | A | G | 0.3026 | 4008 |
| 13 chrD4.11587 | G | A | 0.2131 | 3956 |
| 13 chrD4.60875 | G | A | 0.08379 | 3998 |
| 13 chrD4.32365 | G | A | 0.2651 | 3994 |
| 13 chrD4.2322 | A | G | 0.01098 | 4008 |
| 13 chrD4.934 | G | A | 0.4768 | 4002 |
| 13 chrUn1.1419 | A | G | 0.4565 | 3998 |
| 13 chrUn1.1416 | G | A | 0.07189 | 3992 |
| 13 chrUn1.1413 | G | A | 0.4887 | 3992 |

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| 13 chrUn1.1409 | A | C | 0.2729 | 3994 |
| 13 chrUn1.1403 | A | C | 0.2273 | 4004 |
| 13 chrUn1.1398 | G | A | 0.1665 | 3928 |
| 13 chrUn1.1389 | C | A | 0.2442 | 3984 |
| 13 chrUn1.1386 | C | A | 0.4202 | 3972 |
| 13 chrUn1.1383 | G | A | 0.446 | 4002 |
| 13 chrUn1.1376 | A | G | 0.2887 | 3984 |
| 13 chrUn1.1372 | G | A | 0.319 | 3990 |
| 13 chrUn1.1370 | G | A | 0.05442 | 4006 |
| 13 chrUn1.1367 | G | A | 0.1672 | 4006 |
| 13 chrUn1.1358 | A | G | 0.08177 | 3938 |
| 13 chrUn1.1352 | A | G | 0.03371 | 3708 |
| 13 chrUn1.1349 | A | G | 0.4026 | 4004 |
| 13 chrUn1.1344 | A | G | 0.3305 | 4000 |
| 13 chrUn1.1342 | G | A | 0.06194 | 4004 |
| 13 chrUn1.1337 | G | A | 0.03545 | 4006 |
| 13 chrUn1.1334 | C | A | 0.06141 | 4006 |
| 13 chrUn1.1327 | A | C | 0.1534 | 3982 |
| 13 chrUn1.1322 | A | C | 0.2675 | 3966 |
| 13 chrUn1.1316 | A | C | 0.03645 | 4006 |
| 13 chrUn.66911 | G | A | 0.4017 | 3988 |
| 13 chrUn1.1312 | A | G | 0.09564 | 3994 |
| 13 chrUn1.1310 | A | G | 0.3779 | 4004 |
| 13 chrUn1.1307 | G | A | 0.135 | 4006 |
| 13 chrUn1.1305 | G | A | 0.1385 | 4006 |
| 13 chrUn1.1300 | A | G | 0.3055 | 3994 |
| 13 chrUn1.1296 | A | G | 0.2783 | 3916 |
| 13 chrUn1.1291 | C | A | 0.00428 | 3972 |
| 13 chrUn1.1288 | G | A | 0.3322 | 4004 |
| 13 chrUn1.1283 | C | A | 0.3385 | 4000 |
| 13 chrUn1.1276 | G | A | 0.04698 | 3980 |
| 13 chrUn1.1273 | A | G | 0.2865 | 4004 |
| 13 chrUn1.1270 | A | G | 0.2052 | 4006 |
| 13 chrUn.26762 | A | G | 0.2333 | 4004 |
| 13 chrUn.26761 | A | G | 0.06715 | 4006 |
| 13 chrUn1.1260 | G | A | 0.4026 | 3992 |
| 13 chrUn1.1254 | C | A | 0.1477 | 4002 |
| 13 chrUn1.1249 | A | G | 0.04819 | 3984 |
| 13 chrUn1.1245 | G | A | 0.2602 | 4008 |
| 13 chrUn1.1241 | G | A | 0.3843 | 3994 |
| 13 chrUn1.1238 | A | C | 0.2204 | 3902 |

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| 13 chrUn1.1236 | A | G | 0.3863 | 3984 |
| 13 chrUn1.1234 | A | G | 0.2031 | 4002 |
| 13 chrUn.79953 | G | A | 0.1566 | 4004 |
| 13 chrUn1.1230 | A | G | 0.4777 | 3946 |
| 13 chrUn1.1222 | G | A | 0.1361 | 3638 |
| 13 chrD4.73947 | G | A | 0.02821 | 4006 |
| 13 chrD4.74344 | A | C | 0.1077 | 4002 |
| 13 chrD4.74986 | A | G | 0.1264 | 3900 |
| 13 chrD4.75367 | A | G | 0.3633 | 4002 |
| 13 chrD4.75933 | G | A | 0.3299 | 3998 |
| 13 chrD4.76427 | A | G | 0.1466 | 4004 |
| 13 chrD4.77018 | A | C | 0.1739 | 3940 |
| 13 chrD4.78251 | G | A | 0.1847 | 4002 |
| 13 chrD4.78657 | G | A | 0.06675 | 4000 |
| 13 chrD4.79612 | A | G | 0.3454 | 4004 |
| 13 chrD4.80011 | C | A | 0.1363 | 3992 |
| 13 chrD4.80389 | A | G | 0.0204 | 3872 |
| 13 chrD4.80690 | A | G | 0.3331 | 3972 |
| 13 chrD4.81280 | A | G | 0.3271 | 3990 |
| 13 chrD4.81943 | A | G | 0.212 | 4004 |
| 13 chrD4.82595 | A | G | 0.05045 | 4004 |
| 13 chrD4.82634 | G | A | 0.3427 | 4000 |
| 13 chrD4.82919 | A | G | 0.2796 | 3998 |
| 13 chrD4.83165 | A | G | 0.3343 | 3996 |
| 13 chrD4.83548 | A | G | 0.3358 | 3800 |
| 13 chrD4.84119 | A | G | 0.1592 | 3982 |
| 13 chrD4.84488 | G | A | 0.0958 | 3998 |
| 13 chrD4.84851 | A | G | 0.05345 | 4004 |
| 13 chrD4.85138 | A | G | 0.0705 | 4000 |
| 13 chrD4.85822 | G | A | 0.1248 | 4006 |
| 13 chrD4.86876 | A | G | 0.1275 | 3954 |
| 13 chrD4.87397 | G | A | 0.2206 | 4002 |
| 13 chrD4.87757 | C | A | 0.4206 | 4004 |
| 13 chrD4.88109 | A | G | 0.2966 | 4002 |
| 13 chrD4.88529 | A | G | 0.1281 | 3998 |
| 13 chrD4.88597 | C | A | 0.4884 | 3976 |
| 13 chrD4.88932 | A | C | 0.3582 | 3908 |
| 13 chrD4.89320 | G | A | 0.2841 | 4002 |
| 13 chrD4.89524 | C | A | 0.4534 | 3968 |
| 13 chrD4.90183 | C | A | 0.4257 | 3998 |
| 13 chrD4.90939 | G | A | 0.02205 | 3718 |

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| 13 chrD4.91319{A | G | 0.01397 | 3938 |
| 13 chrD4.91322{A | G | 0.00177 | 3954 |
| 13 chrD4.91700{C | A | 0.237 | 4000 |
| 13 chrD4.92394{A | G | 0.1963 | 3998 |
| 13 chrD4.92743{A | G | 0.1306 | 3928 |
| 13 chrD4.93206{A | G | 0.4506 | 3988 |
| 13 chrD4.93657{A | G | 0.3743 | 4002 |
| 13 chrD4.93899{G | A | 0.09538 | 3984 |
| 13 chrD4.94149{G | A | 0.422 | 3950 |
| 13 chrD4.94506{A | G | 0.3462 | 4000 |
| 13 chrD4.94935{A | G | 0.2312 | 3992 |
| 13 chrD4.95390{A | C | 0.3567 | 3998 |
| 13 chrD4.95683{G | A | 0.2148 | 3980 |
| 13 chrD4.96374{A | G | 0.2196 | 4002 |
| 13 chrD4.97009{A | G | 0.4347 | 3998 |
| 13 chrD4.97429{A | C | 0.008982 | 4008 |
| 13 chrD4.97983{A | C | 0.4314 | 3964 |
| 13 chrD4.98253{A | G | 0.1439 | 4004 |
| 13 chrD4.98536{A | G | 0.4933 | 4006 |
| 13 chrD4.99413{A | G | 0.1305 | 3986 |
| 13 chrD4.99958{A | G | 0.1243 | 4006 |
| 13 chrD4.10053{G | A | 0.02696 | 4006 |
| 13 chrD4.10100{C | A | 0.1544 | 3970 |
| 13 chrD4.10126{G | A | 0.2145 | 3972 |
| 13 chrD4.10152{A | G | 0.07254 | 3998 |
| 13 chrD4.10176{A | G | 0.1319 | 4002 |
| 13 chrD4.10201{G | A | 0.09114 | 3928 |
| 13 chrD4.10266{G | G | 0 | 4010 |
| 13 chrD4.10296{A | G | 0.111 | 3910 |
| 13 chrD4.10381{A | G | 0.4505 | 4002 |
| 13 chrD4.10473{A | G | 0.02071 | 4008 |
| 13 chrD4.10528{A | G | 0.07262 | 3952 |
| 13 chrD4.10617{C | A | 0.3299 | 3986 |
| 13 chrD4.10659{A | C | 0.03497 | 4004 |
| 13 chrD4.10701{A | G | 0.1675 | 3988 |
| 13 chrD4.10736{G | A | 0.484 | 3994 |
| 13 chrD4.10786{C | A | 0.2066 | 3994 |
| 13 chrD4.10820{A | G | 0.205 | 4010 |
| 13 chrD4.10893{A | G | 0.3805 | 4000 |
| 13 chrD4.10944{C | A | 0.1045 | 3884 |
| 13 chrD4.11037{G | A | 0.4449 | 3850 |

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| 13 chrD4.11088 | C | 0.1147 | 3906 |
| 13 chrD4.11124 | A | 0.435 | 3998 |
| 13 chrD4.11150 | A | 0.08117 | 4004 |
| 13 chrD4.11204 | C | 0.3964 | 3850 |
| 13 chrD4.11232 | A | 0.4885 | 3998 |
| 13 chrD4.11298 | C | 0.1929 | 3986 |
| 13 chrD4.11327 | A | 0.1149 | 3778 |
| 13 chrD4.11364 | C | 0.1256 | 3998 |
| 13 chrD4.11394 | G | 0.09469 | 3992 |
| 13 chrD4.11438 | A | 0.3882 | 4008 |
| 13 chrD4.11483 | C | 0.0009975 | 4010 |
| 13 chrD4.11483 | A | 0.4485 | 4002 |
| 13 chrD4.11521 | G | 0.2879 | 3998 |
| 13 chrD4.11548 | G | 0.08501 | 3988 |
| 13 chrD4.11583 | A | 0.1961 | 3926 |
| 13 chrD4.11609 | G | 0.1014 | 3994 |
| 13 chrD4.11684 | A | 0.4339 | 3994 |
| 13 chrD4.11744 | A | 0.07954 | 3998 |
| 13 chrD4.11793 | G | 0.05994 | 4004 |
| 13 chrD4.11841 | G | 0.4998 | 4000 |
| 13 chrD4.11898 | A | 0.2222 | 4006 |
| 13 chrD4.11940 | G | 0.09586 | 4006 |
| 13 chrD4.11972 | G | 0.384 | 3992 |
| 13 chrD4.12011 | G | 0.2227 | 3992 |
| 13 chrD4.12063 | G | 0.2342 | 3984 |
| 13 chrD4.12067 | A | 0.2243 | 4008 |
| 13 chrD4.12114 | A | 0.2049 | 4002 |
| 13 chrD4.12229 | A | 0.4375 | 3998 |
| 13 chrD4.12264 | G | 0.3128 | 4002 |
| 13 chrD4.12304 | G | 0.4647 | 4000 |
| 13 chrD4.12350 | G | 0.4206 | 3994 |
| 13 chrD4.12468 | C | 0.09915 | 3994 |
| 13 chrUn3.6634 | A | 0.1684 | 3966 |
| 13 chrD4.12516 | G | 0.0996 | 4006 |
| 13 chrD4.12547 | C | 0.03167 | 3884 |
| 13 chrD4.12595 | G | 0.217 | 4000 |
| 13 chrD4.12622 | G | 0.2781 | 3998 |
| 13 chrD4.12668 | G | 0.3766 | 4002 |
| 13 chrD4.12755 | A | 0.09784 | 3976 |
| 13 chrD4.12793 | G | 0.2076 | 3998 |
| 13 chrD4.12850 | G | 0.482 | 4004 |

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| 13 chrD4.129145A | G | 0.0215 | 4000 |
| 13 chrD4.129535A | G | 0.2972 | 4004 |
| 13 chrD4.129555G | A | 0.3002 | 3984 |
| 13 chrC1.226317A | G | 0.0007485 | 4008 |
| 13 chrC1.226347A | G | 0.2378 | 3948 |
| 13 chrC1.226502A | G | 0.1578 | 3954 |
| 13 chrD4.131345G | A | 0.01248 | 4008 |
| 13 chrC1.226542C | A | 0.4646 | 4008 |
| 13 chrC1.226588A | G | 0.3448 | 4000 |
| 13 chrC1.226626G | A | 0.04706 | 3634 |
| 13 chrC1.226725G | A | 0.1206 | 3806 |
| 13 chrD4.132435A | G | 0.1011 | 3976 |
| 13 chrD4.132805G | A | 0.1485 | 3898 |
| 13 chrD4.133165G | A | 0.4107 | 3976 |
| 13 chrD4.133735G | A | 0.2488 | 4008 |
| 13 chrD4.134215A | G | 0.3077 | 3812 |
| 13 chrD4.134586G | A | 0.1088 | 3850 |
| 13 chrD4.134855G | A | 0.4049 | 3922 |
| 13 chrD4.135325C | A | 0.02055 | 3990 |
| 13 chrD4.135575A | G | 0.4057 | 3964 |
| 13 chrD4.135845G | A | 0.4148 | 3992 |
| 13 chrD4.135905A | G | 0.1267 | 4010 |
| 13 chrD4.136205A | C | 0.285 | 4004 |
| 13 chrD4.136456A | G | 0.1185 | 4008 |
| 13 chrD4.137206A | G | 0.1479 | 3902 |
| 13 chrD4.137735C | A | 0.3204 | 4008 |
| 13 chrD4.138455A | G | 0.3431 | 4002 |
| 13 chrD4.138725G | A | 0.2413 | 4008 |
| 13 chrD4.139066A | G | 0.1264 | 3996 |
| 13 chrD4.139335A | C | 0.3692 | 3990 |
| 13 chrD4.139706A | G | 0.421 | 3998 |
| 13 chrD4.139908G | A | 0.03819 | 4006 |
| 13 chrD4.140525A | G | 0.1662 | 3982 |
| 13 chrD4.140845A | G | 0.1831 | 3992 |
| 13 chrD4.141345A | G | 0.4053 | 4002 |
| 13 chrD4.141858A | G | 0.03261 | 3986 |
| 13 chrD4.142385G | A | 0.2096 | 4008 |
| 13 chrD4.143195A | G | 0.3321 | 4008 |
| 13 chrD4.143555A | G | 0.4957 | 3978 |
| 13 chrD4.143905A | G | 0.04171 | 4004 |
| 13 chrD4.144525A | G | 0.2555 | 4000 |

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| 13 chrD4.14486 | C | 0.3537 | 3984 |
| 13 chrD4.14512 | G | 0.3507 | 3998 |
| 13 chrD4.14537 | A | 0.06765 | 4006 |
| 13 chrD4.14578 | G | 0.2759 | 3976 |
| 13 chrD4.14645 | A | 0.04705 | 3996 |
| 13 chrD4.14690 | C | 0.1364 | 3864 |
| 13 chrD4.14742 | G | 0.4953 | 3796 |
| 13 chrD4.14773 | A | 0.06278 | 3998 |
| 13 chrD4.14829 | C | 0.1476 | 3976 |
| 13 chrD4.14834 | G | 0.2294 | 3962 |
| 13 chrD4.14853 | G | 0.1112 | 4000 |
| 13 chrD4.14907 | A | 0.1694 | 3996 |
| 13 chrD4.14940 | C | 0.1977 | 3996 |
| 13 chrD4.15025 | G | 0.4035 | 3988 |
| 13 chrD4.15063 | C | 0.2134 | 3992 |
| 13 chrD4.15131 | G | 0.1346 | 4004 |
| 13 chrD4.15190 | C | 0.1044 | 3974 |
| 13 chrD4.15269 | A | 0.3798 | 3986 |
| 13 chrD4.15339 | G | 0.08504 | 3998 |
| 13 chrD4.15379 | A | 0.04077 | 3998 |
| 13 chrD4.15440 | G | 0.1439 | 3800 |
| 13 chrD4.15504 | A | 0.07418 | 4004 |
| 13 chrD4.15538 | G | 0.1808 | 3982 |
| 13 chrD4.15623 | A | 0.3688 | 4002 |
| 13 chrD4.15673 | G | 0.3247 | 3988 |
| 13 chrD4.15720 | A | 0.2954 | 3998 |
| 13 chrD4.15837 | G | 0.07068 | 4004 |
| 13 chrD4.15865 | G | 0.05919 | 4004 |
| 13 chrD4.15886 | A | 0.3319 | 3992 |
| 13 chrD4.15909 | C | 0.08546 | 4002 |
| 13 chrD4.15930 | G | 0.07193 | 4004 |
| 13 chrD4.15944 | A | 0.4574 | 3992 |
| 13 chrD4.15978 | G | 0.451 | 3996 |
| 13 chrD4.16012 | G | 0.4341 | 4006 |
| 13 chrD4.16047 | G | 0.182 | 3720 |
| 13 chrD4.16112 | C | 0.311 | 3994 |
| 13 chrD4.16183 | G | 0.02843 | 4010 |
| 13 chrD4.16228 | A | 0.317 | 3994 |
| 13 chrD4.16279 | A | 0.438 | 4000 |
| 13 chrD4.16326 | G | 0.3698 | 4000 |
| 13 chrD4.16364 | C | 0.1083 | 4006 |

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| 13 chrD4.16411(A | G | 0.06166 | 4006 |
| 13 chrD4.16449(A | G | 0.1437 | 3966 |
| 13 chrD4.16484(A | G | 0.01849 | 4002 |
| 13 chrD4.16540(A | G | 0.03297 | 4004 |
| 13 chrD4.16750(G | A | 0.1531 | 3998 |
| 13 chrD4.16851(A | G | 0.1752 | 4002 |
| 13 chrD4.16860(G | A | 0.1767 | 3990 |
| 13 chrD4.16904(A | C | 0.2341 | 4006 |
| 13 chrD4.17018(A | G | 0.1636 | 3662 |
| 13 chrD4.17086(C | A | 0.4081 | 3938 |
| 13 chrD4.17212(A | G | 0.08757 | 4008 |
| 13 chrD4.17423(A | G | 0.208 | 4004 |
| 13 chrD4.17393(A | G | 0.4689 | 3954 |
| 13 chrD4.17509(A | C | 0.4606 | 4006 |
| 13 chrD4.17639(G | A | 0.1605 | 3812 |
| 13 chrD4.17533(A | G | 0.2465 | 4008 |
| 13 chrD4.17594(A | C | 0.3758 | 3792 |
| 13 chrD4.17567(A | G | 0.3915 | 4008 |
| 13 chrD4.17658(G | A | 0.01326 | 3998 |
| 13 chrD4.17681(G | A | 0.2896 | 3960 |
| 13 chrD4.17734(A | G | 0.4169 | 3996 |
| 13 chrD4.17770(A | G | 0.1107 | 3976 |
| 13 chrD4.17858(G | A | 0.2654 | 3986 |
| 13 chrD4.17955(G | A | 0.4542 | 3950 |
| 13 chrD4.17985(A | C | 0.4829 | 3916 |
| 13 chrD4.18018(G | A | 0.456 | 3998 |
| 13 chrD4.18053(A | G | 0.05225 | 3904 |
| 13 chrD4.18077(G | A | 0.02844 | 4008 |
| 13 chrD4.18130(G | A | 0.4686 | 4008 |
| 13 chrD4.18155(G | A | 0.1623 | 4004 |
| 13 chrD4.18264(A | G | 0.1636 | 3998 |
| 13 chrD4.18265(A | C | 0.001754 | 3990 |
| 13 chrUn.78306(| 0 A | 0 | 4010 |
| 13 chrD4.18303(G | A | 0.1852 | 4006 |
| 13 chrD4.18251(A | G | 0.1383 | 4006 |
| 13 chrD4.18387(A | G | 0.1676 | 3998 |
| 13 chrD4.18470(C | A | 0.1435 | 3978 |
| 13 chrD4.18504(A | G | 0.2814 | 3998 |
| 13 chrD4.18417(G | A | 0.3708 | 3638 |
| 13 chrD4.18451(G | A | 0.005495 | 4004 |
| 13 chrD4.18535(G | A | 0.2635 | 4000 |

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| 13 chrD4.185687G | A | 0.4755 | 4004 |
| 13 chrD4.185946G | A | 0.2703 | 3992 |
| 13 chrD4.186291A | G | 0.01129 | 3896 |
| 13 chrD4.186805C | A | 0.06693 | 4004 |
| 13 chrD4.187146A | G | 0.3713 | 3994 |
| 13 chrD4.187654C | A | 0.2712 | 4000 |
| 13 chrD4.188048A | G | 0.3976 | 3996 |
| 13 chrD4.188446G | A | 0.2314 | 3988 |
| 13 chrD4.188935A | G | 0.2066 | 3786 |
| 13 chrD4.190825G | A | 0.1382 | 3986 |
| 13 chrD4.191695C | A | 0.05331 | 3808 |
| 13 chrD4.191941A | C | 0.06009 | 3994 |
| 13 chrD4.192215A | G | 0.05863 | 4008 |
| 13 chrD4.192565A | G | 0.255 | 3980 |
| 13 chrD4.193076A | G | 0.1711 | 3992 |
| 13 chrD4.193445A | G | 0.1246 | 4004 |
| 13 chrD4.193871A | G | 0.4057 | 3998 |
| 13 chrD4.194251A | G | 0.3613 | 3922 |
| 13 chrD4.194497A | G | 0.03282 | 3992 |
| 13 chrD4.194935A | G | 0.04319 | 3936 |
| 13 chrD4.195296A | G | 0.09513 | 3858 |
| 13 chrD4.195634G | A | 0.4683 | 4000 |
| 13 chrD4.196168A | G | 0.08206 | 3924 |
| 13 chrD4.196428G | A | 0.4225 | 4002 |
| 13 chrD4.196735A | G | 0.05397 | 4002 |
| 13 chrD4.197356A | G | 0.002288 | 3934 |
| 13 chrD4.198147A | C | 0.4893 | 4004 |
| 13 chrD4.198625A | C | 0.3195 | 3972 |
| 13 chrD4.199155G | A | 0.2837 | 4000 |
| 13 chrD4.200565A | G | 0.179 | 4000 |
| 13 chrD4.201165A | G | 0.1672 | 3822 |
| 13 chrD4.201735A | G | 0.2348 | 4004 |
| 13 chrD4.202186A | G | 0.3874 | 4004 |
| 13 chrD4.202547G | A | 0.1683 | 3994 |
| 13 chrD4.203175A | G | 0.3355 | 3782 |
| 13 chrD4.203688G | A | 0.4308 | 4004 |
| 13 chrD4.204197A | G | 0.3189 | 3982 |
| 13 chrD4.204386A | G | 0.2803 | 3996 |
| 13 chrD4.205087A | G | 0.149 | 4008 |
| 13 chrD4.205337A | C | 0.3699 | 3996 |
| 13 chrD4.205578A | C | 0.3284 | 3834 |

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| 13 chrUn.332217 | G | A | 0.3648 | 3876 |
| 13 chrD4.205867 | A | G | 0.4943 | 4006 |
| 13 chrD4.206137 | A | G | 0.1589 | 3984 |
| 13 chrD4.206594 | G | A | 0.2794 | 3998 |
| 13 chrD4.206969 | C | A | 0.475 | 4000 |
| 13 chrD4.207597 | G | A | 0.07386 | 3994 |
| 13 chrD4.208326 | A | G | 0.3776 | 4002 |
| 13 chrD4.208857 | G | A | 0.04025 | 4000 |
| 13 chrD4.208886 | A | G | 0.4998 | 4000 |
| 13 chrD4.209117 | A | C | 0.1922 | 3990 |
| 13 chrD4.209917 | C | A | 0.05894 | 4004 |
| 13 chrD4.210249 | G | A | 0.1852 | 4006 |
| 13 chrD4.210729 | G | A | 0.002289 | 3932 |
| 13 chrD4.211617 | A | G | 0.008229 | 4010 |
| 13 chrD4.213344 | A | G | 0.2925 | 4000 |
| 13 chrD4.212239 | A | G | 0.2457 | 3992 |
| 13 chrD4.213974 | C | A | 0.4082 | 3996 |
| 13 chrD4.212586 | A | G | 0.03792 | 4008 |
| 13 chrD4.214578 | A | G | 0.08321 | 3918 |
| 13 chrD4.215248 | G | A | 0.1964 | 4002 |
| 13 chrD4.215999 | A | G | 0.08433 | 4008 |
| 13 chrD4.216297 | C | A | 0.07639 | 3914 |
| 13 chrD4.214257 | A | G | 0.1048 | 4008 |
| 13 chrD4.216904 | G | A | 0.4496 | 4006 |
| 13 chrD4.217147 | A | G | 0.04074 | 3976 |
| 13 chrD4.218096 | A | C | 0.204 | 4000 |
| 13 chrD4.218987 | A | G | 0.4037 | 3936 |
| 13 chrD4.219139 | G | A | 0.008733 | 4008 |
| 13 chrD4.219319 | A | C | 0.1761 | 3974 |
| 13 chrD4.220086 | G | A | 0.1435 | 4006 |
| 13 chrD4.220377 | A | C | 0.4484 | 3990 |
| 13 chrD4.220736 | G | A | 0.2446 | 4006 |
| 13 chrD4.221089 | A | G | 0.05155 | 3996 |
| 13 chrD4.222077 | G | A | 0.2627 | 4004 |
| 13 chrD4.222318 | C | A | 0.152 | 4006 |
| 13 chrD4.222807 | C | A | 0.01517 | 3956 |
| 13 chrD4.223197 | C | A | 0.07114 | 4006 |
| 13 chrD4.223509 | C | A | 0.4399 | 3980 |
| 13 chrD4.223907 | A | G | 0.1594 | 4002 |
| 13 chrD4.224258 | G | A | 0.1686 | 3998 |
| 13 chrD4.224507 | A | G | 0.1902 | 3996 |

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| 13 chrD4.22483{A | C | 0.3304 | 3986 |
| 13 chrD4.22529{G | A | 0.3577 | 4006 |
| 13 chrD4.22557{A | G | 0.3624 | 3998 |
| 13 chrD4.22587{A | G | 0.2645 | 3996 |
| 13 chrD4.22614{G | A | 0.04773 | 4002 |
| 13 chrD4.22620{G | A | 0.1242 | 4002 |
| 13 chrD4.22681{C | A | 0.369 | 4000 |
| 13 chrD4.22712{G | A | 0.01048 | 4008 |
| 13 chrD4.22768{A | G | 0.4211 | 3980 |
| 13 chrD4.22822{A | C | 0.205 | 3882 |
| 13 chrD4.22852{A | G | 0.1932 | 3954 |
| 13 chrD4.22888{C | A | 0.36 | 4000 |
| 13 chrD4.22917{G | A | 0.1548 | 4004 |
| 13 chrD4.22973{A | G | 0.2234 | 4006 |
| 13 chrD4.22973{A | G | 0.1978 | 3994 |
| 13 chrUn1.1215{A | G | 0.4478 | 4004 |
| 13 chrUn1.1208{G | A | 0.3157 | 4000 |
| 13 chrUn1.1203{G | A | 0.4506 | 4006 |
| 13 chrUn1.1199{A | G | 0.3181 | 3996 |
| 13 chrUn1.1196{G | A | 0.2149 | 4002 |
| 13 chrUn1.1193{G | A | 0.07511 | 3648 |
| 13 chrUn1.1187{C | A | 0.2532 | 4008 |
| 13 chrUn1.1183{C | A | 0.4298 | 4000 |
| 13 chrUn1.1179{A | C | 0.02163 | 3744 |
| 13 chrUn1.1174{A | C | 0.04925 | 4000 |
| 13 chrUn1.1171{A | C | 0.2727 | 3986 |
| 13 chrUn1.1168{A | G | 0.1603 | 3898 |
| 13 chrUn1.1165{G | A | 0.246 | 3988 |
| 13 chrUn1.1160{G | A | 0.1981 | 4008 |
| 13 chrUn1.1155{A | G | 0.4131 | 3890 |
| 13 chrUn1.1149{A | G | 0.2897 | 4004 |
| 13 chrUn1.1145{A | C | 0.008496 | 4002 |
| 13 chrUn1.1141{C | A | 0.4251 | 3940 |
| 13 chrUn1.1130{A | C | 0.2357 | 3980 |
| 13 chrUn1.1125{G | A | 0.07086 | 3994 |
| 13 chrE1.75297{A | G | 0.02494 | 4010 |
| 13 chrE1.75362{A | G | 0.4343 | 4004 |
| 13 chrE1.75440{G | A | 0.03946 | 4004 |
| 13 chrE1.75485{A | C | 0.2189 | 3970 |
| 13 chrE1.75546{G | A | 0.1726 | 3998 |
| 13 chrE1.75715{A | G | 0.267 | 3992 |

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| 13 chrE1.757406 | G A | 0.3171 | 4008 |
| 13 chrE1.758959 | G A | 0.1604 | 3990 |
| 13 chrE1.759206 | A G | 0.4606 | 3984 |
| 13 chrE1.759539 | A G | 0.3785 | 4000 |
| 13 chrE1.759814 | A G | 0.2854 | 4002 |
| 13 chrE1.759920 | A G | 0.1377 | 4002 |
| 13 chrE1.760130 | A G | 0.1347 | 3988 |
| 13 chrE1.760371 | A G | 0.1203 | 4006 |
| 13 chrUn1.1112 | A G | 0.05734 | 3994 |
| 13 chrE1.760786 | G A | 0.1202 | 3976 |
| 13 chrE1.761410 | G A | 0.03 | 4000 |
| 13 chrE1.762379 | G A | 0.2144 | 3950 |
| 13 chrE1.762686 | G A | 0.1284 | 4010 |
| 13 chrE1.763038 | A G | 0.1461 | 4004 |
| 13 chrE1.763628 | A G | 0.2425 | 3992 |
| 13 chrE1.763928 | A G | 0.2927 | 3984 |
| 13 chrE1.764216 | A G | 0.0565 | 3982 |
| 13 chrE1.764314 | A G | 0.01458 | 3840 |
| 13 chrE1.764776 | A G | 0.1201 | 4004 |
| 13 chrE1.765040 | A G | 0.3181 | 4008 |
| 13 chrE1.765352 | A G | 0.355 | 4006 |
| 13 chrE1.765598 | A G | 0.229 | 3956 |
| 13 chrE1.765855 | A G | 0.136 | 4008 |
| 13 chrE1.766291 | A C | 0.3751 | 3994 |
| 13 chrE1.766627 | A G | 0.0986 | 4006 |
| 13 chrE1.767266 | A 0 A | 0 | 4008 |
| 13 chrE1.767681 | A G | 0.4871 | 3968 |
| 13 chrE1.768212 | A C | 0.07775 | 4000 |
| 13 chrE1.769128 | A G | 0.2387 | 3996 |
| 13 chrE1.770608 | A G | 0.2913 | 3866 |
| 13 chrUn1.1104 | A G | 0.3538 | 3960 |
| 13 chrUn1.1107 | A C | 0.231 | 3996 |
| 13 chrUn1.1098 | A G | 0.2992 | 4008 |
| 13 chrUn1.1095 | A G | 0.2456 | 4006 |
| 13 chrUn1.1089 | A G | 0.04968 | 4006 |
| 13 chrUn1.1083 | A G | 0.112 | 4000 |
| 13 chrUn1.1080 | A G | 0.1137 | 4010 |
| 13 chrUn1.1074 | A G | 0.2372 | 3988 |
| 13 chrUn1.1071 | A C | 0.01374 | 4004 |
| 13 chrUn1.1068 | A G | 0.3964 | 4004 |
| 13 chrUn1.1061 | A C | 0.1652 | 3996 |

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|----------------|---|-----|----------|------|
| 13 chrUn1.1057 | A | G | 0.3258 | 3972 |
| 13 chrUn1.1054 | A | G | 0.4269 | 4006 |
| 13 chrUn1.1051 | G | A | 0.01374 | 4004 |
| 13 chrUn1.1050 | G | A | 0.1197 | 3984 |
| 13 chrUn1.1047 | A | G | 0.3101 | 4002 |
| 13 chrUn1.1043 | A | C | 0.08603 | 4010 |
| 13 chrUn1.1040 | A | C | 0.226 | 3992 |
| 13 chrUn1.1034 | A | G | 0.1651 | 4004 |
| 13 chrUn1.1029 | A | G | 0.08046 | 4002 |
| 13 chrUn1.1026 | A | G | 0.4138 | 4004 |
| 13 chrUn1.1023 | A | G | 0.1062 | 4000 |
| 13 chrUn1.1020 | C | A | 0.1948 | 3702 |
| 13 chrUn1.1014 | A | 0 A | 0 | 4010 |
| 13 chrUn1.1009 | A | G | 0.1972 | 4002 |
| 13 chrUn1.1007 | G | A | 0.3597 | 4006 |
| 13 chrUn1.1004 | A | G | 0.2849 | 4002 |
| 13 chrUn1.9991 | A | G | 0.09591 | 3962 |
| 13 chrUn1.9964 | A | G | 0.04248 | 4002 |
| 13 chrUn1.9877 | A | G | 0.1841 | 3954 |
| 13 chrUn1.9790 | C | A | 0.002924 | 3762 |
| 13 chrUn1.9777 | G | A | 0.4858 | 4000 |
| 13 chrUn1.9740 | C | A | 0.01023 | 4008 |
| 13 chrUn1.9577 | G | A | 0.3897 | 3990 |
| 13 chrUn1.9552 | G | A | 0.4651 | 3980 |
| 13 chrUn1.9511 | A | G | 0.3045 | 4000 |
| 13 chrUn1.9446 | A | G | 0.4825 | 3998 |
| 13 chrUn1.9396 | G | A | 0.107 | 4000 |
| 13 chrUn1.9305 | A | A | 0.4771 | 3970 |
| 13 chrUn1.9236 | A | G | 0.07275 | 4000 |
| 13 chrUn1.9198 | G | A | 0.04747 | 3918 |
| 13 chrUn1.9161 | A | G | 0.2105 | 3948 |
| 13 chrUn1.9117 | C | A | 0.01736 | 3916 |
| 13 chrUn1.9054 | A | G | 0.01347 | 4008 |
| 13 chrUn1.9008 | A | G | 0.0634 | 4006 |
| 13 chrUn1.8983 | A | A | 0.4851 | 3968 |
| 13 chrUn1.8952 | G | A | 0.01475 | 4000 |
| 13 chrUn1.8942 | A | G | 0.4586 | 4006 |
| 13 chrUn1.8709 | C | A | 0.2333 | 4008 |
| 13 chrUn.64874 | A | A | 0.2336 | 4002 |
| 13 chrUn1.8887 | G | A | 0.2331 | 3990 |
| 13 chrUn1.8740 | A | G | 0.07543 | 3964 |

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| 13 chrUn1.8657†G | A | 0.06859 | 3922 |
| 13 chrUn1.8596†A | C | 0.2165 | 4000 |
| 13 chrUn1.8553†G | A | 0.01374 | 4004 |
| 13 chrUn1.8528†A | C | 0.0543 | 3996 |
| 13 chrUn1.8488†A | G | 0.1199 | 3978 |
| 13 chrUn1.8463†A | C | 0.2648 | 3988 |
| 13 chrUn1.8419†A | G | 0.475 | 3996 |
| 13 chrUn1.8310†A | G | 0.002294 | 3924 |
| 13 chrUn1.8257†A | G | 0.112 | 3990 |
| 13 chrUn1.8221†A | G | 0.05884 | 3858 |
| 13 chrUn.40823† | 0 A | 0 | 4004 |
| 13 chrUn11.440†G | A | 0.1888 | 4004 |
| 13 chrUn11.443†C | A | 0.09611 | 4006 |
| 13 chrD4.23077†G | A | 0.1136 | 3996 |
| 13 chrD4.23120†G | A | 0.2416 | 3982 |
| 13 chrD4.23335†A | G | 0.1334 | 3972 |
| 13 chrD4.23359†G | A | 0.08333 | 3996 |
| 13 chrD4.23387†A | G | 0.05242 | 4006 |
| 13 chrD4.23547†G | A | 0.2405 | 4000 |
| 13 chrD4.23578†G | A | 0.1058 | 3922 |
| 13 chrD4.23688†A | G | 0.09311 | 3974 |
| 13 chrD4.23729†A | G | 0.4765 | 3998 |
| 13 chrD4.23798†G | A | 0.0755 | 4000 |
| 13 chrD4.23926†G | A | 0.2135 | 3996 |
| 13 chrD4.23956†G | A | 0.4755 | 4004 |
| 13 chrD4.24015†G | A | 0.4883 | 4006 |
| 13 chrD4.24040†G | A | 0.4117 | 3986 |
| 13 chrD4.24076†A | G | 0.471 | 4002 |
| 13 chrD4.24107†A | G | 0.03792 | 4008 |
| 13 chrD4.24150†G | A | 0.05161 | 3972 |
| 13 chrD4.24182†G | A | 0.4033 | 3910 |
| 13 chrD4.24236†G | A | 0.3013 | 3946 |
| 13 chrD4.24279†A | G | 0.1595 | 4006 |
| 13 chrD4.24331†G | A | 0.1558 | 4006 |
| 13 chrD4.24369†G | A | 0.1431 | 4010 |
| 13 chrD4.24404†A | G | 0.02442 | 3768 |
| 13 chrD4.24434†A | G | 0.04452 | 3976 |
| 13 chrD4.24450† | 0 C | 0 | 4008 |
| 13 chrD4.24475†A | G | 0.1581 | 3998 |
| 13 chrD4.24500†A | G | 0.1601 | 3716 |
| 13 chrD4.24528†A | G | 0.1422 | 3658 |

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| 13 chrD4.245775C | A | 0.322 | 4006 |
| 13 chrD4.246235G | A | 0.07581 | 4010 |
| 13 chrD4.246565A | G | 0.4442 | 4000 |
| 13 chrD4.246805A | G | 0.3914 | 3998 |
| 13 chrUn4.93235G | A | 0.3178 | 3990 |
| 13 chrD4.247685A | G | 0.09615 | 4004 |
| 13 chrD4.247975A | C | 0.3899 | 4004 |
| 13 chrD4.249105A | G | 0.1581 | 4004 |
| 13 chrD4.249495G | 0 G | 0 | 4010 |
| 13 chrD4.249975A | G | 0.1744 | 4002 |
| 13 chrD4.250515A | G | 0.377 | 3984 |
| 13 chrD4.250845A | G | 0.3785 | 4000 |
| 13 chrD4.251165A | G | 0.4214 | 3958 |
| 13 chrD4.251655A | G | 0.02496 | 4006 |
| 13 chrD4.251925G | A | 0.3362 | 4004 |
| 13 chrD4.252455C | A | 0.003858 | 3888 |
| 13 chrD4.252945A | G | 0.05994 | 4004 |
| 13 chrD4.253315A | G | 0.2668 | 3980 |
| 13 chrD4.253775G | A | 0.3405 | 4006 |
| 13 chrD4.254095A | C | 0.06786 | 4008 |
| 13 chrD4.254765C | A | 0.208 | 4004 |
| 13 chrD4.255495G | A | 0.1638 | 4010 |
| 13 chrD4.255775A | G | 0.3445 | 4006 |
| 13 chrD4.256255A | C | 0.2392 | 3996 |
| 13 chrD4.256855A | C | 0.3791 | 3994 |
| 13 chrD4.257745G | A | 0.02824 | 4002 |
| 13 chrD4.257875G | A | 0.3381 | 4008 |
| 13 chrD4.258435G | A | 0.2451 | 4006 |
| 13 chrD4.258945G | A | 0.4201 | 3992 |
| 13 chrD4.260475A | G | 0.4678 | 4006 |
| 13 chrD4.260725A | G | 0.06722 | 3764 |
| 13 chrD4.260805A | G | 0.02718 | 4010 |
| 13 chrD4.260995A | G | 0.1662 | 3960 |
| 13 chrD4.261295G | A | 0.1355 | 4006 |
| 13 chrD4.261535G | A | 0.1337 | 3988 |
| 13 chrD4.262385A | C | 0.3435 | 4006 |
| 13 chrD4.262745A | C | 0.352 | 3994 |
| 13 chrD4.263315A | C | 0.266 | 3970 |
| 13 chrD4.264035G | A | 0.491 | 3998 |
| 13 chrD4.264325G | A | 0.3516 | 3988 |
| 13 chrD4.264575A | G | 0.2562 | 3962 |

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|-----------------|---|---------|------|
| 13 chrD4.265504 | A | 0.2335 | 3988 |
| 13 chrD4.265901 | G | 0.4021 | 3992 |
| 13 chrD4.266194 | A | 0.07765 | 3786 |
| 13 chrD4.266947 | A | 0.235 | 4000 |
| 13 chrD4.267424 | G | 0.428 | 4002 |
| 13 chrD4.267676 | G | 0.4378 | 3984 |
| 13 chrD4.268356 | G | 0 | 4010 |
| 13 chrD4.268416 | G | 0.09372 | 3948 |
| 13 chrD4.268793 | C | 0.1351 | 3996 |
| 13 chrD4.269339 | G | 0.2751 | 4002 |
| 13 chrD4.269977 | A | 0.2351 | 4002 |
| 13 chrX.6615453 | G | 0.1934 | 3960 |
| 13 chrD4.271314 | A | 0.1094 | 3664 |
| 13 chrD4.271849 | G | 0.2356 | 3986 |
| 13 chrD4.272939 | C | 0.4307 | 3982 |
| 13 chrD4.273181 | A | 0.2349 | 3994 |
| 13 chrD4.273564 | A | 0.151 | 3994 |
| 13 chrD4.273976 | C | 0.1699 | 3996 |
| 13 chrD4.274226 | A | 0.1195 | 3866 |
| 13 chrD4.274517 | A | 0.4862 | 3996 |
| 13 chrD4.274828 | G | 0.242 | 4004 |
| 13 chrD4.275331 | A | 0.2411 | 3998 |
| 13 chrD4.275746 | A | 0.1555 | 4000 |
| 13 chrD4.276023 | G | 0.3549 | 3948 |
| 13 chrD4.276287 | G | 0.4529 | 3818 |
| 13 chrD4.276786 | G | 0.4629 | 3884 |
| 13 chrD4.277418 | A | 0.1705 | 3930 |
| 13 chrD4.278226 | G | 0.3203 | 3990 |
| 13 chrD4.278867 | G | 0.189 | 3968 |
| 13 chrD4.279114 | A | 0.09386 | 4006 |
| 13 chrD4.279539 | A | 0.4972 | 3962 |
| 13 chrD4.279778 | A | 0.1827 | 4006 |
| 13 chrD4.280104 | G | 0.2589 | 4002 |
| 13 chrD4.280408 | A | 0.4892 | 3988 |
| 13 chrD4.280714 | A | 0.4785 | 4004 |
| 13 chrD4.281046 | G | 0.1833 | 4000 |
| 13 chrD4.281443 | G | 0.228 | 3970 |
| 13 chrD4.282497 | A | 0.1841 | 3992 |
| 13 chrD4.282847 | A | 0.4036 | 4006 |
| 13 chrD4.283461 | G | 0.1964 | 4002 |
| 13 chrD4.283816 | A | 0.2084 | 3988 |

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| 13 chrD4.284574A | C | 0.231 | 4000 |
| 13 chrD4.285186A | G | 0.2103 | 4004 |
| 13 chrD4.285776A | G | 0.4071 | 4006 |
| 13 chrD4.285956A | G | 0.1621 | 4004 |
| 13 chrD4.286264A | G | 0.3656 | 3980 |
| 13 chrD4.286286A | G | 0.2217 | 4006 |
| 13 chrD4.286584A | C | 0.488 | 4000 |
| 13 chrD4.287126A | G | 0.1999 | 4002 |
| 13 chrD4.287736G | A | 0.1102 | 3976 |
| 13 chrD4.287794C | A | 0.463 | 3976 |
| 13 chrD4.288216A | G | 0.1909 | 3992 |
| 13 chrD4.288724G | A | 0.1778 | 3994 |
| 13 chrB1.593846A | G | 0.02228 | 3994 |
| 13 chrD4.288986A | G | 0.3137 | 4000 |
| 13 chrD4.289426G | A | 0.3136 | 4002 |
| 13 chrD4.289736G | A | 0.2485 | 3896 |
| 13 chrD4.291646A | C | 0.2515 | 3996 |
| 13 chrD4.292276A | G | 0.3996 | 3874 |
| 13 chrD4.292756G | A | 0.1969 | 3996 |
| 13 chrD4.293526G | A | 0.4691 | 3942 |
| 13 chrD4.294056C | A | 0.4357 | 3688 |
| 13 chrUn.129656A | C | 0.01095 | 3928 |
| 13 chrD4.294536G | A | 0.213 | 3982 |
| 13 chrD4.295366G | A | 0.1317 | 4008 |
| 13 chrD4.295816A | G | 0.3623 | 3906 |
| 13 chrD4.296476A | G | 0.3989 | 4004 |
| 13 chrD4.297116A | G | 0.2251 | 3998 |
| 13 chrD4.297366A | G | 0.0207 | 4010 |
| 13 chrD4.297636A | C | 0.1336 | 3996 |
| 13 chrD4.298196G | A | 0.005319 | 3948 |
| 13 chrUn.619334A | G | 0.4576 | 3966 |
| 13 chrUn.619336A | C | 0.01102 | 3994 |
| 13 chrD4.298904G | A | 0.2903 | 3982 |
| 13 chrD4.299186G | A | 0.2471 | 3974 |
| 13 chrD4.299916A | G | 0.2589 | 3974 |
| 13 chrD4.300284G | A | 0.07892 | 4004 |
| 13 chrD4.300546A | G | 0.03145 | 4006 |
| 13 chrD4.300976G | A | 0.3974 | 3996 |
| 13 chrD4.301326G | A | 0.07239 | 3992 |
| 13 chrD4.301606A | G | 0.003491 | 4010 |
| 13 chrD4.301976G | A | 0.227 | 4000 |

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| 13 chrD4.302324C | A | 0.09392 | 3982 |
| 13 chrD4.302624A | G | 0.06993 | 4004 |
| 13 chrD4.302924A | G | 0.3876 | 3996 |
| 13 chrD4.303414G | A | 0.0974 | 4004 |
| 13 chrD4.303844C | A | 0.09067 | 3882 |
| 13 chrD4.304254A | C | 0.03703 | 3808 |
| 13 chrD4.304634A | C | 0.1509 | 4002 |
| 13 chrD4.305694G | A | 0.3974 | 4004 |
| 13 chrD4.306214A | C | 0.1232 | 4000 |
| 13 chrD4.306984A | G | 0.1197 | 4002 |
| 13 chrD4.307234A | G | 0.2585 | 3942 |
| 13 chrD4.307684A | C | 0.1703 | 3998 |
| 13 chrD4.308084G | A | 0.1081 | 4004 |
| 13 chrD4.308414A | G | 0.1304 | 3972 |
| 13 chrD4.308974A | G | 0.3754 | 3926 |
| 13 Phen_TYRP1_G | C | 0.291 | 4000 |
| 13 Phen_TYRP1_A | G | 0.02425 | 4000 |
| 13 chrC2.201357A | G | 0.04963 | 4010 |
| 13 chrD4.310234A | G | 0.2382 | 3954 |
| 13 chrD4.310674G | A | 0.1218 | 4006 |
| 13 chrD4.311144A | G | 0.1408 | 3992 |
| 13 chrD4.311294A | C | 0.1627 | 4002 |
| 13 chrD4.311554A | G | 0.1768 | 4010 |
| 13 chrD4.312014A | G | 0.003741 | 4010 |
| 13 chrD4.312554A | C | 0.0986 | 3996 |
| 13 chrD4.313084A | G | 0.4166 | 3994 |
| 13 chrD4.313204A | G | 0.02624 | 4002 |
| 13 chrD4.313394A | G | 0.2645 | 3958 |
| 13 chrD4.313644A | G | 0.1961 | 4004 |
| 13 chrD4.314454G | A | 0.1895 | 4010 |
| 13 chrD4.315474G | A | 0.3473 | 3988 |
| 13 chrD4.315874A | G | 0.481 | 3998 |
| 13 chrD4.316414G | A | 0.341 | 4006 |
| 13 chrD4.317084G | A | 0.402 | 4002 |
| 13 chrD4.317434A | G | 0.3388 | 4008 |
| 13 chrD4.317824G | A | 0.15 | 4000 |
| 13 chrD4.318374A | C | 0.1392 | 4002 |
| 13 chrD4.318894A | G | 0.1628 | 3920 |
| 13 chrD4.319244A | G | 0.4863 | 4002 |
| 13 chrD4.319704A | C | 0.4102 | 3998 |
| 13 chrD4.320314A | C | 0.3944 | 3674 |

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| 13 chrD4.32061(G | A | 0.1853 | 4000 |
| 13 chrD4.32090(G | A | 0.07179 | 3942 |
| 13 chrD4.32136(G | G | 0.4794 | 3984 |
| 13 chrD4.32204(G | G | 0.2933 | 3992 |
| 13 chrD4.32256(G | A | 0.4328 | 4004 |
| 13 chrD4.32295(G | A | 0.007988 | 4006 |
| 13 chrD4.32362(G | G | 0.05567 | 4006 |
| 13 chrD4.32432(G | G | 0.1504 | 3996 |
| 13 chrD4.32485(G | G | 0.1166 | 3996 |
| 13 chrD4.32521(G | G | 0.02173 | 4004 |
| 13 chrD4.32652(G | G | 0.3565 | 4000 |
| 13 chrD4.32688(G | C | 0.05108 | 3994 |
| 13 chrD4.32698(G | G | 0.01397 | 4010 |
| 13 chrD4.32699(G | 0 G | 0 | 3998 |
| 13 chrD4.32761(G | G | 0.4391 | 4004 |
| 13 chrD4.32829(G | C | 0.495 | 4000 |
| 13 chrD4.32863(G | A | 0.06278 | 3998 |
| 13 chrD4.32906(G | G | 0.01972 | 4006 |
| 13 chrD4.32950(G | G | 0.1505 | 3946 |
| 13 chrD4.32994(G | A | 0.4477 | 3980 |
| 13 chrD4.33040(G | G | 0.1404 | 4004 |
| 13 chrD4.33086(G | A | 0.2081 | 4008 |
| 13 chrD4.33174(G | A | 0.3182 | 4004 |
| 13 chrD4.33198(G | G | 0.1586 | 3910 |
| 13 chrD4.33251(G | A | 0.2545 | 3972 |
| 13 chrUn.35007(C | A | 0.3283 | 4002 |
| 13 chrD4.33354(G | A | 0.443 | 3968 |
| 13 chrD4.33398(G | A | 0.1085 | 3992 |
| 13 chrD4.33435(G | G | 0.02237 | 3934 |
| 13 chrD4.33479(G | A | 0.1761 | 3992 |
| 13 chrD4.33510(G | C | 0.2138 | 3934 |
| 13 chrD4.33556(G | G | 0.07068 | 4004 |
| 13 chrD4.33627(G | G | 0.3621 | 4002 |
| 13 chrD4.33673(G | G | 0.4082 | 3986 |
| 13 chrD4.33746(G | G | 0.4869 | 3968 |
| 13 chrD4.33805(G | C | 0.1831 | 3986 |
| 13 chrD4.33865(G | A | 0.08948 | 3878 |
| 13 chrD4.33894(G | G | 0.2664 | 4002 |
| 13 chrD4.33927(G | G | 0.41 | 3998 |
| 13 chrD4.33977(G | A | 0.2524 | 3998 |
| 13 chrD4.34033(G | G | 0.3514 | 4004 |

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| 13 chrD4.340586 | G | A | 0.4067 | 3966 |
| 13 chrD4.341024 | A | G | 0.05628 | 3998 |
| 13 chrD4.341261 | A | G | 0.04566 | 4008 |
| 13 chrD4.341629 | G | A | 0.1177 | 4002 |
| 13 chrD4.341870 | A | G | 0.3119 | 4008 |
| 13 chrD4.342868 | G | A | 0.1053 | 4006 |
| 13 chrD4.343624 | G | A | 0.06033 | 3978 |
| 13 chrD4.343808 | A | G | 0.07916 | 3992 |
| 13 chrD4.344369 | G | A | 0.03528 | 3968 |
| 13 chrUn.506974 | A | G | 0.01023 | 4008 |
| 13 chrD4.344619 | C | A | 0.05408 | 3994 |
| 13 chrD4.345203 | A | G | 0.1518 | 4004 |
| 13 chrD4.345874 | A | G | 0.2073 | 4004 |
| 13 chrD4.346271 | A | G | 0.02956 | 3992 |
| 13 chrD4.346611 | G | A | 0.3085 | 3984 |
| 13 chrD4.347174 | A | G | 0.1831 | 3998 |
| 13 chrD4.347421 | G | A | 0.4041 | 4006 |
| 13 chrD4.347734 | A | G | 0.1881 | 3988 |
| 13 chrD4.348429 | G | A | 0.4654 | 3992 |
| 13 chrD4.348652 | A | G | 0.2978 | 3942 |
| 13 chrD4.348937 | A | G | 0.2871 | 3988 |
| 13 chrD4.349730 | A | C | 0.07797 | 3976 |
| 13 chrD4.350071 | G | A | 0.1379 | 4002 |
| 13 chrD4.350509 | A | G | 0.4348 | 3990 |
| 13 chrD4.350783 | G | A | 0.2505 | 3996 |
| 13 chrD4.351268 | G | A | 0.2448 | 4000 |
| 13 chrD4.351504 | A | G | 0.2095 | 3996 |
| 13 chrD4.352149 | G | A | 0.2809 | 3998 |
| 13 chrD4.352782 | A | G | 0.1037 | 3722 |
| 13 chrX.583856 | A | G | 0.005063 | 3950 |
| 13 chrD4.353548 | G | A | 0.4572 | 4000 |
| 13 chrD4.354410 | G | A | 0.1435 | 4000 |
| 13 chrD4.354781 | G | A | 0.0615 | 4000 |
| 13 chrD4.355231 | A | G | 0.4066 | 4004 |
| 13 chrD4.355632 | C | A | 0.06107 | 3848 |
| 13 chrD4.356744 | A | C | 0.333 | 3982 |
| 13 chrD4.357200 | G | A | 0.06272 | 4002 |
| 13 chrD4.357400 | A | C | 0.2592 | 4008 |
| 13 chrD4.357490 | A | G | 0.1761 | 3998 |
| 13 chrD4.358033 | A | G | 0.4757 | 3956 |
| 13 chrD4.358353 | G | A | 0.2451 | 3990 |

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|----------------|---|---|---------|------|
| 13 chrD4.35860 | A | C | 0.2318 | 4000 |
| 13 chrD4.35912 | A | C | 0.1568 | 4006 |
| 13 chrD4.35923 | G | A | 0.4561 | 3984 |
| 13 chrD4.35975 | A | G | 0.1204 | 3980 |
| 13 chrD4.36000 | G | A | 0.2577 | 4000 |
| 13 chrD4.36074 | G | A | 0.1037 | 4002 |
| 13 chrD4.36171 | G | A | 0.05427 | 3980 |
| 13 chrD4.36223 | A | C | 0.3327 | 3998 |
| 13 chrD4.36265 | G | A | 0.1853 | 3988 |
| 13 chrD4.36323 | G | A | 0.4149 | 3996 |
| 13 chrD4.36355 | A | G | 0.3226 | 3996 |
| 13 chrD4.36395 | A | G | 0.1776 | 4004 |
| 13 chrD4.36417 | C | A | 0.0755 | 4000 |
| 13 chrD4.36458 | G | A | 0.2336 | 3998 |
| 13 chrD4.36510 | G | A | 0.2366 | 3952 |
| 13 chrD4.36557 | A | G | 0.4366 | 4004 |
| 13 chrD4.36592 | G | A | 0.286 | 3990 |
| 13 chrD4.36637 | G | A | 0.1373 | 3978 |
| 13 chrD4.36713 | A | G | 0.2854 | 3998 |
| 13 chrD4.36752 | A | G | 0.4614 | 3782 |
| 13 chrD4.36803 | G | A | 0.4932 | 3946 |
| 13 chrD4.36857 | A | G | 0.06481 | 3996 |
| 13 chrD4.36891 | A | G | 0.04616 | 4008 |
| 13 chrD4.36920 | G | A | 0.2031 | 3816 |
| 13 chrD4.36939 | G | A | 0.4967 | 3976 |
| 13 chrD4.36965 | G | A | 0.4507 | 3998 |
| 13 chrD4.37001 | C | A | 0.2782 | 3958 |
| 13 chrD4.37069 | A | G | 0.3379 | 3984 |
| 13 chrD4.37131 | A | G | 0.1462 | 4002 |
| 13 chrD4.37166 | G | A | 0.3112 | 3994 |
| 13 chrD4.37236 | A | G | 0.4613 | 3982 |
| 13 chrB3.11112 | A | G | 0.4178 | 3992 |
| 13 chrD4.37261 | G | A | 0.188 | 3978 |
| 13 chrD4.37309 | G | A | 0.07539 | 4006 |
| 13 chrD4.37412 | C | A | 0.3207 | 3982 |
| 13 chrD4.37576 | A | G | 0.1233 | 4006 |
| 13 chrD4.37614 | G | A | 0.2103 | 4004 |
| 13 chrD4.37628 | A | G | 0.1025 | 4008 |
| 13 chrD4.37641 | A | G | 0.4628 | 3974 |
| 13 chrD4.37683 | G | A | 0.2097 | 4006 |
| 13 chrD4.37721 | A | G | 0.2612 | 3920 |

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|----------------|---|---|----------|------|
| 13 chrD4.37768 | A | G | 0.3091 | 4002 |
| 13 chrD4.37846 | G | A | 0.4755 | 3992 |
| 13 chrD4.37879 | A | G | 0.3385 | 3988 |
| 13 chrD4.37932 | G | A | 0.3425 | 3988 |
| 13 chrD4.37976 | G | A | 0.3253 | 4002 |
| 13 chrD4.38001 | G | A | 0.3327 | 3986 |
| 13 chrD4.38050 | G | A | 0.3343 | 4002 |
| 13 chrD4.38080 | C | A | 0.1379 | 3968 |
| 13 chrD4.38112 | G | A | 0.1884 | 4002 |
| 13 chrD4.38153 | A | G | 0.4555 | 4002 |
| 13 chrD4.38221 | G | A | 0.2021 | 4008 |
| 13 chrD4.38259 | G | A | 0.3312 | 3986 |
| 13 chrD4.38288 | G | A | 0.3227 | 4000 |
| 13 chrD4.38318 | C | A | 0.2508 | 3976 |
| 13 chrD4.38343 | A | G | 0.4945 | 3998 |
| 13 chrD4.38379 | A | G | 0.1496 | 3990 |
| 13 chrD4.38432 | A | G | 0.248 | 4008 |
| 13 chrD4.38457 | A | G | 0.04027 | 3998 |
| 13 chrD4.38479 | A | G | 0.2546 | 4002 |
| 13 chrD4.38526 | A | G | 0.4655 | 3996 |
| 13 chrD4.38568 | A | G | 0.008847 | 3956 |
| 13 chrD4.38664 | G | A | 0.107 | 3982 |
| 13 chrD4.38687 | A | G | 0.09091 | 4004 |
| 13 chrD4.38741 | A | G | 0.1458 | 3862 |
| 13 chrD4.38768 | A | G | 0.1324 | 3980 |
| 13 chrD4.38801 | G | A | 0.1683 | 3986 |
| 13 chrD4.38838 | A | G | 0.3711 | 3972 |
| 13 chrD4.38873 | A | G | 0.2636 | 3998 |
| 13 chrD4.38911 | G | A | 0.1475 | 4006 |
| 13 chrD4.38948 | G | A | 0.2515 | 4000 |
| 13 chrD4.39002 | C | A | 0.3494 | 3998 |
| 13 chrD4.39046 | A | G | 0.1659 | 3774 |
| 13 chrD4.39112 | G | A | 0.4273 | 4002 |
| 13 chrD4.39149 | A | G | 0.1886 | 3992 |
| 13 chrD4.39181 | A | G | 0.1836 | 3720 |
| 13 chrD4.39245 | G | A | 0.4482 | 4000 |
| 13 chrD4.39292 | A | G | 0.08504 | 3998 |
| 13 chrD4.39325 | A | G | 0.1868 | 4004 |
| 13 chrD4.39413 | G | A | 0.3879 | 3898 |
| 13 chrD4.39448 | A | G | 0.2484 | 3998 |
| 13 chrD4.39527 | C | A | 0.2557 | 3978 |

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| 13 chrD4.39573{A | G | 0.03902 | 3716 |
| 13 chrD4.39599{C | A | 0.1634 | 3942 |
| 13 chrD4.39626{G | A | 0.4227 | 3970 |
| 13 chrD4.39654{A | G | 0.4099 | 4008 |
| 13 chrD4.39683{G | A | 0.09925 | 4010 |
| 13 chrD4.39699{ | 0 G | 0 | 3996 |
| 13 chrD4.39838{G | A | 0.4774 | 3980 |
| 13 chrD4.39863{A | G | 0.2326 | 3960 |
| 13 chrD4.39947{A | G | 0.2288 | 4004 |
| 13 chrD4.39987{A | G | 0.425 | 4000 |
| 13 chrD4.39989{G | A | 0.4225 | 4002 |
| 13 chrD4.40036{A | G | 0.03447 | 4004 |
| 13 chrD4.40104{A | G | 0.1533 | 4004 |
| 13 chrD4.40132{A | G | 0.2476 | 3970 |
| 13 chrD4.40174{A | G | 0.1526 | 4004 |
| 13 chrD4.40208{C | A | 0.1993 | 3828 |
| 13 chrD4.40222{G | A | 0.03375 | 4000 |
| 13 chrD4.40316{A | G | 0.4264 | 4006 |
| 13 chrD2.19127{A | G | 0.2888 | 3992 |
| 13 chrD4.40456{G | A | 0.4605 | 4000 |
| 13 chrB2.20380{G | A | 0.4875 | 4004 |
| 13 chrD4.40588{A | C | 0.3509 | 3996 |
| 13 chrD4.40627{A | G | 0.1508 | 4006 |
| 13 chrD4.40733{A | C | 0.3204 | 3980 |
| 13 chrD4.40811{A | G | 0.2308 | 4000 |
| 13 chrD4.40976{C | A | 0.2785 | 3996 |
| 13 chrD4.41031{A | G | 0.04703 | 3934 |
| 13 chrD4.41067{A | G | 0.04995 | 3984 |
| 13 chrD4.41108{A | G | 0.001497 | 4008 |
| 13 chrD4.41134{A | G | 0.2489 | 3986 |
| 13 chrD4.41274{G | A | 0.171 | 3966 |
| 13 chrD4.41283{G | A | 0.01176 | 3998 |
| 13 chrD4.41337{C | A | 0.0265 | 4000 |
| 13 chrD4.41368{A | G | 0.4984 | 3806 |
| 13 chrD4.41398{G | A | 0.01647 | 4008 |
| 13 chrD4.41441{A | G | 0.4459 | 3920 |
| 13 chrD4.41483{A | G | 0.3942 | 4006 |
| 13 chrD4.41526{A | C | 0.3187 | 4000 |
| 13 chrD4.41553{A | G | 0.07272 | 3974 |
| 13 chrD4.41558{A | G | 0.007239 | 4006 |
| 13 chrD4.41629{A | G | 0.3485 | 3880 |

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| 13 chrD4.416684G | A | 0.491 | 3998 |
| 13 chrD4.417104G | A | 0.4095 | 4000 |
| 13 chrD4.417834A | G | 0.08918 | 3992 |
| 13 chrD4.419604G | A | 0.01783 | 3870 |
| 13 chrD4.419924G | A | 0.01098 | 4008 |
| 13 chrD4.420194A | G | 0.4101 | 3992 |
| 13 chrD4.420904A | G | 0.2728 | 3984 |
| 13 chrD4.421384A | G | 0.1696 | 4004 |
| 13 chrD4.421894A | G | 0.151 | 3988 |
| 13 chrD4.422554G | A | 0.0005008 | 3994 |
| 13 chrD4.422784G | A | 0.1655 | 3994 |
| 13 chrD4.423234A | G | 0.09565 | 4004 |
| 13 chrD4.423554G | A | 0.1595 | 3994 |
| 13 chrD4.424134C | A | 0.4523 | 3984 |
| 13 chrD4.424474A | G | 0.1785 | 3956 |
| 13 chrD4.424924A | G | 0.03773 | 4002 |
| 13 chrD4.425404G | A | 0.02801 | 3998 |
| 13 chrD4.425784A | G | 0.2415 | 4004 |
| 13 chrD4.426034G | A | 0.4391 | 4006 |
| 13 chrD4.426394C | A | 0.2871 | 3814 |
| 13 chrD4.426844C | A | 0.2304 | 3958 |
| 13 chrD1.857384G | A | 0.3402 | 3962 |
| 13 chrD4.427724A | A | 0.3896 | 4004 |
| 13 chrD4.428104G | A | 0.2499 | 3998 |
| 13 chrD4.428414G | A | 0.4789 | 3980 |
| 13 chrD4.429034A | G | 0.05315 | 3838 |
| 13 chrD4.429464A | G | 0.4935 | 3994 |
| 13 chrD4.430074G | A | 0.2829 | 3998 |
| 13 chrD4.430564A | G | 0.1346 | 3768 |
| 13 chrD4.430874G | A | 0.2814 | 3994 |
| 13 chrD4.431154C | A | 0.1777 | 4000 |
| 13 chrD4.431614A | C | 0.099 | 4000 |
| 13 chrD4.432294C | A | 0.1188 | 4000 |
| 13 chrD4.432834G | A | 0.1189 | 4002 |
| 13 chrD4.433264A | G | 0.2633 | 3992 |
| 13 chrD4.433744G | A | 0.2699 | 4002 |
| 13 chrD4.434044C | A | 0.2632 | 3940 |
| 13 chrD4.435814A | G | 0.1571 | 4004 |
| 13 chrD4.436374G | A | 0.1791 | 3992 |
| 13 chrD4.436374A | G | 0.004993 | 4006 |
| 13 chrD4.436694C | A | 0.1715 | 3622 |

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| 13 chrD4.43723T | A | 0.3488 | 3942 |
| 13 chrD4.43752T | A | 0.1609 | 3966 |
| 13 chrD4.43821T | C | 0.1358 | 3998 |
| 13 chrD4.43875T | C | 0.03867 | 4008 |
| 13 chrD4.43909T | G | 0.3785 | 3966 |
| 13 chrD4.43949T | A | 0.05366 | 3988 |
| 13 chrD4.43969T | A | 0.2882 | 4004 |
| 13 chrD4.44042T | C | 0.336 | 3958 |
| 13 chrD4.44136T | G | 0.09355 | 3998 |
| 13 chrD4.44160T | G | 0.4865 | 3998 |
| 13 chrD4.44190T | A | 0.02835 | 3986 |
| 13 chrD4.44215T | G | 0.07154 | 3984 |
| 13 chrD4.44261T | A | 0.2732 | 3942 |
| 13 chrD4.44297T | A | 0.07523 | 3988 |
| 13 chrD4.44337T | A | 0.4824 | 3986 |
| 13 chrD4.44374T | A | 0.2616 | 4002 |
| 13 chrD4.44435T | A | 0.0399 | 3960 |
| 13 chrD4.44483T | G | 0.2728 | 4000 |
| 13 chrD4.44558T | A | 0.05103 | 3802 |
| 13 chrD4.44617T | G | 0.1805 | 4006 |
| 13 chrD4.44691T | G | 0.1331 | 3998 |
| 13 chrD4.44730T | G | 0.157 | 3866 |
| 13 chrD4.44754T | G | 0.1415 | 3822 |
| 13 chrD4.44830T | G | 0.1211 | 3998 |
| 13 chrD4.44913T | G | 0.1474 | 4004 |
| 13 chrD4.44945T | A | 0.1428 | 3956 |
| 13 chrD4.44974T | A | 0.1328 | 3998 |
| 13 chrD4.45001T | C | 0.06337 | 3756 |
| 13 chrD4.45061T | G | 0.4159 | 3996 |
| 13 chrD4.45104T | G | 0.09802 | 3938 |
| 13 chrD4.45165T | A | 0.3908 | 3984 |
| 13 chrD4.45274T | G | 0.4892 | 3996 |
| 13 chrD4.45303T | A | 0.3769 | 3940 |
| 13 chrD4.45348T | G | 0.1796 | 3986 |
| 13 chrD4.45379T | A | 0.1404 | 4004 |
| 13 chrD4.45409T | G | 0.2966 | 3988 |
| 13 chrD4.45478T | A | 0.04956 | 3854 |
| 13 chrD4.45532T | A | 0.1532 | 3994 |
| 13 chrD4.45565T | A | 0.1796 | 4004 |
| 13 chrD4.45594T | A | 0.3209 | 3998 |
| 13 chrD4.45632T | G | 0.0145 | 4000 |

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| 13 chrD4.457326C | A | 0.4205 | 3986 |
| 13 chrD4.457403A | C | 0.4997 | 3978 |
| 13 chrD4.457487G | A | 0.4602 | 3916 |
| 13 chrD4.457786C | A | 0.07071 | 3988 |
| 13 chrD4.458377G | A | 0.3002 | 3984 |
| 13 chrD4.458719G | A | 0.3221 | 4002 |
| 13 chrD4.459548A | C | 0.07475 | 3826 |
| 13 chrD4.460187C | A | 0.09222 | 3958 |
| 13 chrD4.460567A | G | 0.09161 | 4006 |
| 13 chrD4.461247C | A | 0.2216 | 3998 |
| 13 chrD4.461746A | G | 0.4629 | 3964 |
| 13 chrD4.462677A | G | 0.484 | 3996 |
| 13 chrD4.462988G | A | 0.3604 | 3746 |
| 13 chrD4.463297C | A | 0.08818 | 3992 |
| 13 chrD4.463568G | A | 0.3056 | 3996 |
| 13 chrD4.463697A | 0 G | 0 | 4010 |
| 13 chrD4.463876G | A | 0.1969 | 3930 |
| 13 chrD4.464227A | G | 0.02843 | 4010 |
| 13 chrD4.464579G | A | 0.4457 | 3998 |
| 13 chrD4.465029G | A | 0.3098 | 4006 |
| 13 chrD4.466326G | A | 0.3413 | 3988 |
| 13 chrD4.466746A | G | 0.076 | 4000 |
| 13 chrD4.466978A | G | 0.4722 | 3994 |
| 13 chrD4.467357G | A | 0.1167 | 4002 |
| 13 chrD4.467998G | A | 0.02772 | 4004 |
| 13 chrD4.468506G | A | 0.06593 | 4004 |
| 13 chrD4.468769A | G | 0.2683 | 3996 |
| 13 chrD4.469246G | A | 0.1078 | 4008 |
| 13 chrD4.469247G | A | 0.02572 | 4004 |
| 13 chrD4.470077G | A | 0.1272 | 4002 |
| 13 chrB1.212209A | G | 0.4 | 4000 |
| 13 chrD4.470557G | A | 0.4931 | 3932 |
| 13 chrD4.471397A | G | 0.07272 | 3974 |
| 13 chrD4.471909A | G | 0.2988 | 4006 |
| 13 chrD4.472277C | A | 0.04364 | 4010 |
| 13 chrUn.379296G | A | 0.1083 | 3978 |
| 13 chrD4.472559A | C | 0.1543 | 3862 |
| 13 chrD4.472847C | A | 0.03517 | 3924 |
| 13 chrD4.473288C | A | 0.214 | 4000 |
| 13 chrD4.473679A | G | 0.1843 | 4000 |
| 13 chrD4.473927G | A | 0.01198 | 4008 |

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| 13 chrD4.47417 | G | 0.1247 | 4002 |
| 13 chrD4.47451 | C | 0.1238 | 3998 |
| 13 chrD4.47479 | G | 0.136 | 4006 |
| 13 chrD4.47503 | G | 0.4905 | 3992 |
| 13 chrD4.47566 | G | 0.1827 | 3814 |
| 13 chrD4.47625 | G | 0.3879 | 3792 |
| 13 chrD4.47668 | 0 G | 0 | 4010 |
| 13 chrD4.47706 | C | 0.4416 | 3992 |
| 13 chrD4.47741 | A | 0.2731 | 3980 |
| 13 chrD4.47789 | A | 0.1281 | 4006 |
| 13 chrD4.47827 | C | 0.01446 | 4010 |
| 13 chrD4.47862 | G | 0.4108 | 4000 |
| 13 chrD4.47927 | G | 0.4019 | 3994 |
| 13 chrD4.47957 | A | 0.07875 | 3746 |
| 13 chrD4.48001 | A | 0.03367 | 3980 |
| 13 chrD4.48062 | G | 0.1157 | 4002 |
| 13 chrD4.48100 | G | 0.1431 | 4004 |
| 13 chrD4.48128 | C | 0.4193 | 3952 |
| 13 chrD4.48158 | A | 0.1699 | 4002 |
| 13 chrD4.48174 | 0 G | 0 | 4008 |
| 13 chrD4.48229 | C | 0.07132 | 3884 |
| 13 chrD4.48282 | A | 0.3361 | 4002 |
| 13 chrD4.48329 | G | 0.3879 | 3970 |
| 13 chrD4.48363 | A | 0.3864 | 3996 |
| 13 chrUn.73201 | A | 0.4163 | 4002 |
| 13 chrD4.48581 | A | 0.1203 | 3708 |
| 13 chrD4.48608 | A | 0.277 | 3996 |
| 13 chrD4.48683 | G | 0.2608 | 3992 |
| 13 chrD4.48720 | A | 0.2604 | 4002 |
| 13 chrD4.48759 | A | 0.2933 | 4006 |
| 13 chrD4.48773 | G | 0.2299 | 3998 |
| 13 chrD4.48991 | G | 0.189 | 3974 |
| 13 chrD4.49015 | A | 0.06802 | 3690 |
| 13 chrD4.49123 | A | 0.0875 | 4000 |
| 13 chrD4.49172 | G | 0.003018 | 3976 |
| 13 chrD4.49200 | A | 0.0528 | 3712 |
| 13 chrD4.49231 | A | 0.2936 | 3998 |
| 13 chrD4.49295 | G | 0.2558 | 3980 |
| 13 chrD4.29198 | 0 G | 0 | 3932 |
| 13 chrD4.49365 | C | 0.4003 | 4002 |
| 13 chrD4.49393 | A | 0.2208 | 3972 |

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| 13 chrD4.49438 | G | 0.3233 | 3968 |
| 13 chrD4.49474 | G | 0.2156 | 3988 |
| 13 chrD4.49528 | G | 0.4769 | 3990 |
| 13 chrD4.49561 | G | 0.1028 | 3988 |
| 13 chrD4.49624 | G | 0.2476 | 3950 |
| 13 chrD4.49648 | A | 0.06772 | 4002 |
| 13 chrD4.49696 | C | 0.1441 | 3998 |
| 13 chrD4.49770 | A | 0.1808 | 3872 |
| 13 chrD4.49834 | A | 0.1518 | 3972 |
| 13 chrD4.49867 | G | 0.06791 | 3976 |
| 13 chrD4.49933 | G | 0.4849 | 3980 |
| 13 chrD4.49985 | G | 0.3561 | 3960 |
| 13 chrD4.50036 | A | 0.1223 | 3810 |
| 13 chrD4.50061 | G | 0.032 | 4000 |
| 13 chrD4.50074 | G | 0.04812 | 3824 |
| 13 chrD4.50112 | C | 0.1238 | 4008 |
| 13 chrD4.50150 | G | 0.1615 | 4000 |
| 13 chrD4.50200 | A | 0.3562 | 3992 |
| 13 chrD4.50229 | A | 0.4828 | 3960 |
| 13 chrD4.50260 | G | 0.2071 | 3998 |
| 13 chrD4.50286 | G | 0.4437 | 4000 |
| 13 chrD4.50337 | A | 0.2723 | 3962 |
| 13 chrUn.70525 | A | 0.4543 | 3984 |
| 13 chrD4.50374 | C | 0.1856 | 4008 |
| 13 chrD4.50408 | G | 0.1423 | 3850 |
| 13 chrD4.50457 | G | 0.2739 | 3906 |
| 13 chrD4.50493 | G | 0.04975 | 4000 |
| 13 chrUn.72441 | A | 0.3057 | 3994 |
| 13 chrD4.50630 | A | 0.007246 | 3864 |
| 13 chrD4.50682 | A | 0.1369 | 3836 |
| 13 chrD4.50738 | G | 0.1705 | 3982 |
| 13 chrD4.50782 | A | 0.1512 | 3996 |
| 13 chrD4.50817 | A | 0.048 | 4000 |
| 13 chrD4.50874 | G | 0.0633 | 3918 |
| 13 chrD4.50941 | A | 0.1717 | 4002 |
| 13 chrD4.50985 | G | 0.2848 | 4006 |
| 13 chrD4.51044 | A | 0.2721 | 4006 |
| 13 chrD4.51083 | C | 0.3205 | 4000 |
| 13 chrD4.51116 | G | 0.07432 | 3956 |
| 13 chrD4.51144 | A | 0.03119 | 4008 |
| 13 chrD4.51148 | G | 0.4062 | 3944 |

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| 13 chrD4.51200 | G | A | 0.1536 | 4004 |
| 13 chrD4.51293 | G | A | 0.4749 | 3992 |
| 13 chrD4.51314 | G | A | 0.2038 | 3994 |
| 13 chrD4.51345 | G | A | 0.004594 | 3918 |
| 13 chrD4.51436 | A | G | 0.06886 | 4008 |
| 13 chrD4.51473 | G | A | 0.0964 | 4004 |
| 13 chrD4.51536 | A | G | 0.3131 | 3970 |
| 13 chrD4.51562 | A | G | 0.478 | 4000 |
| 13 chrD4.51590 | A | G | 0.041 | 4000 |
| 13 chrD4.51626 | G | A | 0.03318 | 4008 |
| 13 chrD4.51667 | G | A | 0.03543 | 4008 |
| 13 chrD4.51714 | G | A | 0.2917 | 4000 |
| 13 chrD4.51781 | A | G | 0.1718 | 3998 |
| 13 chrD4.51798 | A | G | 0.1457 | 4002 |
| 13 chrD4.51806 | G | A | 0.486 | 3990 |
| 13 chrD4.51846 | A | G | 0.1419 | 4002 |
| 13 chrD4.51878 | G | A | 0.426 | 4000 |
| 13 chrD4.51904 | G | A | 0.3481 | 3990 |
| 13 chrD4.51981 | A | G | 0.2766 | 3984 |
| 13 chrD4.52014 | A | G | 0.3142 | 4004 |
| 13 chrD4.52069 | A | G | 0.1462 | 4000 |
| 13 chrUn.20037 | G | A | 0.1469 | 3996 |
| 13 chrD4.52119 | A | G | 0.1125 | 3982 |
| 13 chrD4.52152 | A | G | 0.1568 | 4000 |
| 13 chrD4.52204 | G | A | 0.4818 | 4002 |
| 13 chrD4.52266 | A | G | 0.3478 | 3994 |
| 13 chrD4.52293 | C | A | 0.1574 | 3996 |
| 13 chrD4.52343 | A | C | 0.01016 | 3936 |
| 13 chrD4.52374 | A | G | 0.1198 | 4008 |
| 13 chrD4.52403 | A | G | 0.1165 | 3984 |
| 13 chrD4.52447 | A | C | 0.1062 | 3966 |
| 13 chrD4.52478 | A | G | 0.2359 | 3994 |
| 13 chrD4.52506 | A | G | 0.1037 | 4002 |
| 13 chrD4.52541 | G | A | 0.09563 | 3984 |
| 13 chrD4.52580 | A | G | 0.1471 | 4004 |
| 13 chrD4.52613 | A | G | 0.1969 | 3996 |
| 13 chrD4.52643 | A | G | 0.452 | 4000 |
| 13 chrD4.52677 | G | A | 0.136 | 4006 |
| 13 chrD4.52722 | A | G | 0.4473 | 4000 |
| 13 chrD4.52826 | G | A | 0.1609 | 3990 |
| 13 chrD4.52852 | A | G | 0.151 | 3994 |

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|-----------------|---|---|---------|------|
| 13 chrD4.528947 | G | A | 0.197 | 4006 |
| 13 chrD4.529193 | G | A | 0.1081 | 4004 |
| 13 chrD4.529768 | A | G | 0.4987 | 3970 |
| 13 chrD4.530247 | A | G | 0.482 | 4000 |
| 13 chrD4.530546 | A | G | 0.455 | 4002 |
| 13 chrD4.530657 | A | G | 0.4523 | 4008 |
| 13 chrD4.531439 | G | A | 0.1042 | 4010 |
| 13 chrD4.530957 | A | G | 0.1598 | 3998 |
| 13 chrD4.531688 | A | G | 0.2161 | 4002 |
| 13 chrD4.531947 | G | A | 0.1183 | 4006 |
| 13 chrD4.532293 | A | G | 0.4617 | 3968 |
| 13 chrD4.532539 | A | G | 0.07414 | 4006 |
| 13 chrD4.532673 | A | G | 0.2543 | 3996 |
| 13 chrD4.533177 | A | C | 0.4828 | 4006 |
| 13 chrD4.533687 | A | C | 0.4327 | 3984 |
| 13 chrD4.534219 | A | G | 0.07771 | 4002 |
| 13 chrD4.534667 | G | A | 0.3856 | 3986 |
| 13 chrD4.535319 | A | G | 0.0636 | 3978 |
| 13 chrD4.535773 | A | G | 0.1601 | 4004 |
| 13 chrD4.536146 | A | G | 0.08639 | 3982 |
| 13 chrD4.536979 | A | G | 0.04939 | 3948 |
| 13 chrD4.537256 | A | G | 0.0523 | 3996 |
| 13 chrD4.537689 | A | G | 0.1323 | 3976 |
| 13 chrD4.538946 | A | G | 0.104 | 4000 |
| 13 chrD4.539918 | A | G | 0.3452 | 3792 |
| 13 chrD4.540206 | G | A | 0.1 | 4008 |
| 13 chrD4.540693 | A | G | 0.05816 | 4006 |
| 13 chrD4.541676 | A | G | 0.05716 | 4006 |
| 13 chrD4.542269 | A | G | 0.0695 | 4000 |
| 13 chrD4.542753 | A | C | 0.2176 | 3998 |
| 13 chrD4.543148 | A | G | 0.2157 | 3996 |
| 13 chrD4.544053 | C | A | 0.05497 | 4002 |
| 13 chrD4.544549 | A | G | 0.01929 | 3836 |
| 13 chrD4.545016 | G | A | 0.4862 | 3994 |
| 13 chrD4.545307 | A | C | 0.1894 | 3996 |
| 13 chrD4.545637 | A | G | 0.1997 | 3996 |
| 13 chrD4.546033 | G | A | 0.3504 | 3998 |
| 13 chrD4.546487 | A | G | 0.2888 | 3992 |
| 13 chrD4.546837 | G | A | 0.2369 | 4006 |
| 13 chrD4.547436 | G | A | 0.4734 | 3950 |
| 13 chrD4.547886 | A | G | 0.1874 | 4002 |

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|----------------|---|---|---------|------|
| 13 chrD4.54856 | G | A | 0.1176 | 4004 |
| 13 chrD4.54906 | A | C | 0.1051 | 3998 |
| 13 chrD4.54936 | G | A | 0.07785 | 3982 |
| 13 chrD4.54985 | A | G | 0.1744 | 4008 |
| 13 chrD4.55071 | G | A | 0.2123 | 3990 |
| 13 chrD4.55164 | A | G | 0.236 | 4004 |
| 13 chrD4.55207 | G | A | 0.06469 | 4004 |
| 13 chrD4.55282 | C | A | 0.2705 | 3970 |
| 13 chrD4.55316 | G | A | 0.3955 | 3970 |
| 13 chrD4.55387 | A | C | 0.1223 | 3974 |
| 13 chrD4.55416 | A | G | 0.04548 | 4002 |
| 13 chrD4.55471 | A | C | 0.05583 | 3994 |
| 13 chrD4.55489 | C | A | 0.06404 | 3904 |
| 13 chrD4.55501 | G | A | 0.0951 | 3922 |
| 13 chrD4.55561 | A | G | 0.1119 | 3922 |
| 13 chrD4.55595 | A | G | 0.06775 | 4000 |
| 13 chrD4.55661 | A | G | 0.04673 | 4002 |
| 13 chrD4.55733 | A | G | 0.448 | 3998 |
| 13 chrD4.55888 | A | G | 0.08837 | 4006 |
| 13 chrD4.55926 | A | C | 0.1071 | 3640 |
| 13 chrD4.55986 | A | C | 0.4109 | 3984 |
| 13 chrD4.56027 | A | G | 0.362 | 4006 |
| 13 chrD4.56129 | G | A | 0.2827 | 3976 |
| 13 chrD4.56187 | G | A | 0.246 | 4004 |
| 13 chrD4.56254 | A | G | 0.1933 | 4004 |
| 13 chrD4.56381 | A | G | 0.2088 | 3984 |
| 13 chrD4.56460 | G | A | 0.0475 | 4000 |
| 13 chrD4.56508 | A | G | 0.08029 | 3948 |
| 13 chrD4.56543 | G | A | 0.05597 | 4002 |
| 13 chrD4.56570 | C | A | 0.222 | 4004 |
| 13 chrD4.56629 | A | G | 0.1432 | 3980 |
| 13 chrD4.56726 | G | A | 0.3307 | 4004 |
| 13 chrD4.56753 | G | A | 0.09291 | 4004 |
| 13 chrD4.56794 | A | G | 0.09544 | 3992 |
| 13 chrD4.56894 | A | G | 0.1326 | 4004 |
| 13 chrD4.56927 | G | A | 0.3742 | 3998 |
| 13 chrD4.56974 | G | A | 0.07681 | 4010 |
| 13 chrD4.57042 | A | G | 0.1949 | 3996 |
| 13 chrD4.57071 | A | G | 0.08678 | 4010 |
| 13 chrD4.57107 | A | G | 0.2276 | 3994 |
| 13 chrD4.57136 | G | A | 0.1679 | 3990 |

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| 13 chrD4.572057A | G | 0.1707 | 4006 |
| 13 chrD4.572626A | G | 0.4297 | 3998 |
| 13 chrD4.572884G | A | 0.1247 | 3922 |
| 13 chrD4.572901G | A | 0.04044 | 4006 |
| 13 chrD4.573264A | G | 0.05439 | 4008 |
| 13 chrD4.573611C | A | 0.08207 | 3948 |
| 13 chrD4.574008A | C | 0.2504 | 3962 |
| 13 chrD4.575034C | A | 0.3995 | 3920 |
| 13 chrD4.575458G | A | 0.4634 | 3984 |
| 13 chrD4.575741G | A | 0.4998 | 4006 |
| 13 chrD4.576126A | G | 0.2355 | 3996 |
| 13 chrD4.576569A | G | 0.4273 | 4004 |
| 13 chrD4.576951A | C | 0.01123 | 4008 |
| 13 chrD4.577466A | G | 0.1883 | 3998 |
| 13 chrD4.577786A | G | 0.4362 | 3948 |
| 13 chrD4.578109A | G | 0.1057 | 4002 |
| 13 chrD4.578536C | A | 0.4512 | 3994 |
| 13 chrD4.579121G | A | 0.1072 | 4010 |
| 13 chrD4.579451A | C | 0.141 | 4006 |
| 13 chrD4.579661A | G | 0.4462 | 3994 |
| 13 chrD4.579899A | C | 0.1368 | 3860 |
| 13 chrD4.580291C | A | 0.1397 | 3880 |
| 13 chrD4.580647A | G | 0.1038 | 4006 |
| 13 chrD4.581169G | A | 0.2694 | 3994 |
| 13 chrD4.581604A | G | 0.04748 | 4002 |
| 13 chrD4.581857A | G | 0.115 | 4010 |
| 13 chrD4.582459G | A | 0.254 | 4008 |
| 13 chrD4.582956A | C | 0.4619 | 3854 |
| 13 chrD4.583587G | A | 0.06078 | 3998 |
| 13 chrD4.583916A | G | 0.3571 | 4004 |
| 13 chrD4.584147G | A | 0.1141 | 4006 |
| 13 chrD4.584417A | G | 0.2652 | 4008 |
| 13 chrD4.584979G | A | 0.2357 | 3980 |
| 13 chrD4.586231G | A | 0.01894 | 3802 |
| 13 chrD4.586487A | G | 0.2342 | 4000 |
| 13 chrD4.586809G | A | 0.2145 | 3916 |
| 13 chrD4.587066A | G | 0.06453 | 3998 |
| 13 chrD4.587714A | C | 0.1764 | 3992 |
| 13 chrD4.588467G | A | 0.1078 | 3988 |
| 13 chrD4.588869A | G | 0.1489 | 4002 |
| 13 chrD4.589138A | G | 0.2223 | 3982 |

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|-----------------|---|---------|------|
| 13 chrD4.58992C | A | 0.4318 | 3986 |
| 13 chrD4.59048C | A | 0.1594 | 4002 |
| 13 chrD4.59093A | C | 0.2671 | 3988 |
| 13 chrD4.59227A | C | 0.2274 | 4006 |
| 13 chrD4.59269A | G | 0.3903 | 3958 |
| 13 chrD4.59280G | A | 0.08846 | 4002 |
| 13 chrD4.59296A | G | 0.4252 | 3968 |
| 13 chrD4.59340A | G | 0.2446 | 4002 |
| 13 chrD4.59384A | G | 0.06965 | 4006 |
| 13 chrD4.59424A | G | 0.2732 | 3986 |
| 13 chrD4.59462G | A | 0.4683 | 3980 |
| 13 chrD4.59525G | A | 0.124 | 4008 |
| 13 chrD4.59554A | G | 0.03779 | 3996 |
| 13 chrD4.59578A | G | 0.2504 | 3914 |
| 13 chrD4.59609A | G | 0.1406 | 3984 |
| 13 chrD4.59611A | G | 0.1261 | 3996 |
| 13 chrD4.59643G | A | 0.1484 | 3990 |
| 13 chrD4.59705A | C | 0.135 | 4008 |
| 13 chrD4.59813C | A | 0.2403 | 3954 |
| 13 chrD4.59881G | A | 0.472 | 3966 |
| 13 chrD4.59923A | G | 0.0905 | 4000 |
| 13 chrD4.60021A | C | 0.1459 | 4004 |
| 13 chrD4.60073A | G | 0.3808 | 3894 |
| 13 chrD4.60114G | A | 0.1211 | 4006 |
| 13 chrD4.60164G | A | 0.3353 | 3990 |
| 13 chrD4.60234A | G | 0.1047 | 4010 |
| 13 chrD4.60287G | A | 0.1202 | 4002 |
| 13 chrD4.60315G | A | 0.3354 | 3998 |
| 13 chrD4.60443G | A | 0.411 | 4002 |
| 13 chrD4.60475G | A | 0.2431 | 4002 |
| 13 chrD4.60511G | A | 0.2106 | 3918 |
| 13 chrD4.60548A | G | 0.09731 | 4008 |
| 13 chrD4.60583C | A | 0.09395 | 4002 |
| 13 chrD4.60628A | G | 0.2389 | 3994 |
| 13 chrD4.60665A | G | 0.115 | 4008 |
| 13 chrD4.60731A | G | 0.3061 | 3950 |
| 13 chrD4.60757C | A | 0.1703 | 3794 |
| 13 chrD4.60801A | C | 0.0605 | 4000 |
| 13 chrD4.60857G | A | 0.4385 | 3852 |
| 13 chrD4.60895A | G | 0.4131 | 4004 |
| 13 chrD4.60901G | A | 0.427 | 3916 |

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| 13 chrD4.60931(A | G | 0.06342 | 3942 |
| 13 chrD4.60964(A | G | 0.2768 | 3996 |
| 13 chrD4.60992(A | G | 0.02743 | 4010 |
| 13 chrD4.61043(G | A | 0.03621 | 4004 |
| 13 chrD4.61073(A | G | 0.3443 | 3988 |
| 13 chrD4.61125(A | C | 0.2192 | 3942 |
| 13 chrD4.61186(G | A | 0.05424 | 3982 |
| 13 chrD4.61216(A | G | 0.09515 | 4004 |
| 13 chrD4.61265(G | A | 0.07704 | 3998 |
| 13 chrD4.61300(A | G | 0.1241 | 4004 |
| 13 chrD4.61353(G | A | 0.4264 | 4008 |
| 13 chrD4.61396(G | A | 0.1539 | 3996 |
| 13 chrD4.61429(A | G | 0.08313 | 4006 |
| 13 chrD4.61464(G | A | 0.2686 | 3794 |
| 13 chrD4.61567(A | C | 0.09715 | 3994 |
| 13 chrD4.61584(G | A | 0.1734 | 4002 |
| 13 chrD4.61589(A | G | 0.3441 | 3996 |
| 13 chrD4.61633(G | A | 0.1608 | 4006 |
| 13 chrD4.61658(A | G | 0.152 | 3986 |
| 13 chrD4.61700(A | G | 0.3407 | 4000 |
| 13 chrD4.61735(C | A | 0.4935 | 3992 |
| 13 chrD4.61795(A | C | 0.1525 | 3870 |
| 13 chrD4.61852(A | C | 0.3495 | 4006 |
| 13 chrD4.61931(A | G | 0.1872 | 4002 |
| 13 chrD4.61956(G | A | 0.1483 | 3992 |
| 13 chrD4.61992(G | A | 0.2851 | 4002 |
| 13 chrD4.62055(A | G | 0.1633 | 4006 |
| 13 chrD4.62098(A | G | 0.1827 | 3996 |
| 13 chrD4.62146(G | A | 0.07838 | 4006 |
| 13 chrD4.62200(G | A | 0.4008 | 3980 |
| 13 chrD4.62210(A | G | 0.2604 | 3998 |
| 13 chrD4.62226(G | A | 0.1701 | 4004 |
| 13 chrD4.62280(G | A | 0.1284 | 4004 |
| 13 chrD4.62291(G | A | 0.3296 | 4008 |
| 13 chrD4.62341(A | C | 0.1318 | 3998 |
| 13 chrD4.62365(A | A | 0.1319 | 3988 |
| 13 chrD4.62406(A | G | 0.1437 | 3974 |
| 13 chrD4.62434(C | A | 0.1972 | 3768 |
| 13 chrD4.62508(A | A | 0.3363 | 4002 |
| 13 chrD4.62557(A | G | 0.3445 | 4006 |
| 13 chrD4.62605(A | G | 0.1656 | 4004 |

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| 13 chrD4.62777†A | C | 0.4759 | 3906 |
| 13 chrD4.62811‡A | G | 0.4487 | 3994 |
| 13 chrD4.62846‡G | A | 0.07895 | 3686 |
| 13 chrD4.62873‡G | A | 0.4355 | 3984 |
| 13 chrD4.62899†C | A | 0.1704 | 4002 |
| 13 chrD4.62946†C | A | 0.2695 | 3996 |
| 13 chrD4.63066†C | A | 0.3694 | 4006 |
| 13 chrD4.63133‡G | A | 0.3291 | 3990 |
| 13 chrD4.63168‡G | A | 0.1654 | 3990 |
| 13 chrD4.63217†G | A | 0.3627 | 3970 |
| 13 chrD4.63277†G | A | 0.1078 | 3998 |
| 13 chrD4.63315‡G | A | 0.1619 | 4002 |
| 13 chrUn36.559‡A | G | 0.4048 | 4004 |
| 13 chrD4.63362†G | A | 0.3696 | 3972 |
| 13 chrD4.63437†A | G | 0.4035 | 3926 |
| 13 chrD4.63463†A | G | 0.1085 | 4010 |
| 13 chrD4.63525‡A | G | 0.302 | 4006 |
| 13 chrD4.63643†C | A | 0.3525 | 3824 |
| 13 chrD4.63671†G | A | 0.2621 | 3994 |
| 13 chrD4.63755‡G | A | 0.1018 | 4008 |
| 13 chrD4.63787‡G | A | 0.2693 | 3954 |
| 13 chrD4.63811†G | A | 0.3975 | 3982 |
| 13 chrD4.63872†G | A | 0.2197 | 3988 |
| 13 chrD4.63925†G | A | 0.4902 | 3986 |
| 13 chrD4.63944‡A | G | 0.3539 | 3908 |
| 13 chrD4.64045†C | A | 0.4245 | 3856 |
| 13 chrD4.64079‡G | A | 0.1923 | 3978 |
| 13 chrD4.64182†A | G | 0.1698 | 4010 |
| 13 chrD4.64224†G | A | 0.3102 | 3998 |
| 13 chrD4.64276‡A | C | 0.4092 | 3942 |
| 13 chrD4.64334†A | G | 0.08678 | 4010 |
| 13 chrD4.64369‡A | G | 0.4525 | 3982 |
| 13 chrD4.64413‡A | G | 0.04091 | 3984 |
| 13 chrUn.75396†A | G | 0.3826 | 3952 |
| 13 chrD4.64446†A | G | 0.2146 | 4002 |
| 13 chrD4.64448‡A | G | 0.4847 | 3992 |
| 13 chrD4.64477†G | A | 0.2111 | 3984 |
| 13 chrD4.64518†A | G | 0.4932 | 3978 |
| 13 chrD4.64555‡G | A | 0.07437 | 3980 |
| 13 chrD4.64587‡A | G | 0.3605 | 3986 |
| 13 chrUn.29265‡A | G | 0.1987 | 3980 |

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| 13 chrD4.646506C | A | 0.05483 | 3994 |
| 13 chrD4.646743G | A | 0.2181 | 3976 |
| 13 chrD4.647091A | G | 0.4083 | 3990 |
| 13 chrD4.647396G | A | 0.1657 | 3942 |
| 13 chrD4.647849A | G | 0.2089 | 3988 |
| 13 chrD4.648351A | G | 0.478 | 4002 |
| 13 chrD4.648653A | G | 0.2465 | 4004 |
| 13 chrD4.649011A | C | 0.1476 | 4004 |
| 13 chrD4.649514G | A | 0.295 | 4004 |
| 13 chrD4.650087A | G | 0.1637 | 4002 |
| 13 chrD4.650771A | G | 0.08571 | 4002 |
| 13 chrD4.651019A | C | 0.07608 | 3930 |
| 13 chrD4.651575C | A | 0.08245 | 3784 |
| 13 chrD4.652507G | A | 0.1174 | 3994 |
| 13 chrD4.652767A | C | 0.202 | 3980 |
| 13 chrD4.653831A | C | 0.0981 | 4006 |
| 13 chrD4.654231G | A | 0.4947 | 3972 |
| 13 chrD4.654244A | G | 0.4877 | 3992 |
| 13 chrD4.654489A | G | 0.09645 | 4002 |
| 13 chrD4.654856C | A | 0.1749 | 3790 |
| 13 chrD4.655167A | G | 0.3935 | 3992 |
| 13 chrD4.655919G | A | 0.2969 | 3910 |
| 13 chrD4.656244G | A | 0.4943 | 4010 |
| 13 chrD4.656848A | C | 0.1039 | 3916 |
| 13 chrUn.640673G | A | 0.1219 | 3914 |
| 13 chrD4.658536G | A | 0.1572 | 3880 |
| 13 chrD4.659083A | G | 0.09191 | 4004 |
| 13 chrD4.659573G | A | 0.1331 | 3982 |
| 13 chrD4.659985C | A | 0.4155 | 3988 |
| 13 chrD4.660291A | G | 0.1379 | 4002 |
| 13 chrD4.660711A | G | 0.1261 | 3988 |
| 13 chrD4.661019A | G | 0.125 | 4008 |
| 13 chrD4.661451A | G | 0.07368 | 4004 |
| 13 chrD4.662038A | G | 0.4014 | 3976 |
| 13 chrD4.662941C | A | 0.2054 | 3998 |
| 13 chrD4.663924A | G | 0.1762 | 4002 |
| 13 chrD4.664288A | C | 0.1582 | 3976 |
| 13 chrD4.664729A | G | 0.0357 | 4006 |
| 13 chrD4.665211G | A | 0.06737 | 4008 |
| 13 chrD4.665401A | G | 0.1283 | 3898 |
| 13 chrD4.665846A | G | 0.09799 | 3990 |

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| 13 chrD4.66641 | A | G | 0.1944 | 3924 |
| 13 chrD4.66670 | G | A | 0.2789 | 3980 |
| 13 chrD4.66750 | G | A | 0.2266 | 3990 |
| 13 chrD4.66787 | G | A | 0.1903 | 3968 |
| 13 chrUn.56639 | G | A | 0.1712 | 3996 |
| 13 chrD4.66834 | G | A | 0.4191 | 3982 |
| 13 chrD4.66881 | A | G | 0.1685 | 3674 |
| 13 chrD4.66926 | G | A | 0.3574 | 3996 |
| 13 chrD4.66962 | G | A | 0.01526 | 3998 |
| 13 chrD4.67057 | G | A | 0.04518 | 4006 |
| 13 chrD4.67106 | A | G | 0.1028 | 3968 |
| 13 chrD4.67152 | A | G | 0.01866 | 3912 |
| 13 chrD4.67192 | G | A | 0.3057 | 4000 |
| 13 chrD4.67219 | A | A | 0.05816 | 4006 |
| 13 chrD4.67243 | A | G | 0.255 | 3996 |
| 13 chrD4.67286 | A | G | 0.2149 | 4002 |
| 13 chrD4.67310 | G | A | 0.14 | 3994 |
| 13 chrD4.67353 | A | G | 0.2418 | 4004 |
| 13 chrD4.67413 | A | G | 0.04639 | 3988 |
| 13 chrD4.67460 | A | G | 0.2185 | 3978 |
| 13 chrD4.67488 | G | A | 0.1861 | 4008 |
| 13 chrD4.67532 | G | A | 0.2514 | 3994 |
| 13 chrD4.67586 | A | G | 0.02972 | 3970 |
| 13 chrD4.67690 | A | G | 0.1275 | 4008 |
| 13 chrD4.67768 | A | C | 0.07692 | 4004 |
| 13 chrD4.67816 | A | G | 0.0788 | 3820 |
| 13 chrD4.67862 | A | C | 0.1406 | 3990 |
| 13 chrD4.67891 | A | A | 0.09525 | 4000 |
| 13 chrD4.67938 | A | G | 0.08541 | 4004 |
| 13 chrD4.67991 | G | A | 0.2627 | 3844 |
| 13 chrD4.68047 | G | A | 0.01547 | 4008 |
| 13 chrD4.68073 | A | G | 0.3219 | 4004 |
| 13 chrD4.68104 | A | G | 0.1867 | 3936 |
| 13 chrD4.68151 | G | A | 0.344 | 4000 |
| 13 chrD4.68163 | A | G | 0.2351 | 3994 |
| 13 chrD4.68195 | A | C | 0.4355 | 4000 |
| 13 chrD4.68241 | G | A | 0.3495 | 4000 |
| 13 chrD4.68293 | G | 0 A | 0 | 4010 |
| 13 chrD4.68297 | A | G | 0.2792 | 4000 |
| 13 chrD4.68324 | A | G | 0.07517 | 4004 |
| 13 chrD4.68350 | G | A | 0.1671 | 3992 |

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| 13 chrD4.683857A | G | 0.03595 | 3616 |
| 13 chrD4.684326G | A | 0.05353 | 3998 |
| 13 chrD4.685287A | G | 0.3664 | 3998 |
| 13 chrD4.685597G | A | 0.4433 | 4000 |
| 13 chrD4.685917G | A | 0.1011 | 4006 |
| 13 chrD4.686207A | C | 0.1089 | 4004 |
| 13 chrD4.686587C | A | 0.3327 | 3970 |
| 13 chrD4.687079G | A | 0.4232 | 3982 |
| 13 chrD4.687347G | 0 G | 0 | 4008 |
| 13 chrD4.687597G | A | 0.06793 | 4004 |
| 13 chrD4.688337A | G | 0.01668 | 3896 |
| 13 chrD4.688857A | G | 0.03528 | 3912 |
| 13 chrD4.689167A | G | 0.1848 | 3994 |
| 13 chrD4.689449G | A | 0.2315 | 3922 |
| 13 chrD4.690008A | G | 0.3972 | 3998 |
| 13 chrD4.690367A | G | 0.4139 | 3994 |
| 13 chrD4.691057C | A | 0.2644 | 3926 |
| 13 chrD4.691369G | A | 0.245 | 3976 |
| 13 chrD4.691817C | A | 0.3381 | 3990 |
| 13 chrD4.691968G | A | 0.4256 | 3994 |
| 13 chrD4.692457A | G | 0.3329 | 3998 |
| 13 chrD4.692757A | G | 0.1498 | 3992 |
| 13 chrD4.693127A | G | 0.03825 | 4000 |
| 13 chrD4.693627G | A | 0.2147 | 4006 |
| 13 chrD4.693917A | C | 0.1784 | 3912 |
| 13 chrD4.694436A | G | 0.3738 | 4002 |
| 13 chrD4.695126A | G | 0.2139 | 4002 |
| 13 chrD4.695369G | A | 0.1311 | 3952 |
| 13 chrD4.695637G | A | 0.1112 | 4002 |
| 13 chrD4.695987A | C | 0.1409 | 3966 |
| 13 chrD4.696278G | A | 0.1393 | 3940 |
| 13 chrD4.696586A | G | 0.1886 | 3748 |
| 13 chrD4.697089G | A | 0.1246 | 3982 |
| 13 chrD4.697416A | G | 0.4404 | 3962 |
| 13 chrD4.697799G | A | 0.1663 | 4006 |
| 13 chrD4.698217A | C | 0.2816 | 3992 |
| 13 chrD4.699257G | A | 0.2589 | 3770 |
| 13 chrD4.700017G | A | 0.1174 | 3688 |
| 13 chrD4.700709A | G | 0.1732 | 4002 |
| 13 chrD4.701159A | G | 0.04765 | 4008 |
| 13 chrD4.701476G | A | 0.1579 | 4002 |

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| 13 chrD4.70184(G | A | 0.2182 | 4000 |
| 13 chrD4.70256(A | G | 0.491 | 3998 |
| 13 chrD4.70265(A | G | 0.1522 | 4002 |
| 13 chrD4.70305(A | G | 0.1828 | 4004 |
| 13 chrD4.70337(A | G | 0.2056 | 4008 |
| 13 chrD4.70389(A | G | 0.1997 | 3986 |
| 13 chrD4.70417(G | A | 0.06799 | 3986 |
| 13 chrD4.70534(A | C | 0.3553 | 3994 |
| 13 chrD4.70538(G | A | 0.0007481 | 4010 |
| 13 chrD4.70599(A | G | 0.1826 | 4004 |
| 13 chrD4.70663(A | G | 0.03328 | 3996 |
| 13 chrD4.70699(A | G | 0.1026 | 4004 |
| 13 chrD4.70769(G | A | 0.3873 | 4002 |
| 13 chrD4.70802(A | G | 0.2475 | 4008 |
| 13 chrUn.51329(A | 0 G | 0 | 3936 |
| 13 chrD4.70861(A | G | 0.2612 | 4008 |
| 13 chrD4.70899(A | G | 0.06297 | 4002 |
| 13 chrD4.70964(C | A | 0.02236 | 3712 |
| 13 chrD4.70997(A | G | 0.4012 | 3986 |
| 13 chrD4.71040(C | A | 0.1329 | 4002 |
| 13 chrD4.71068(A | G | 0.168 | 4000 |
| 13 chrD4.71098(G | A | 0.2584 | 3974 |
| 13 chrD4.71172(G | A | 0.4049 | 4006 |
| 13 chrD4.71201(A | G | 0.05941 | 4006 |
| 13 chrD4.71245(A | G | 0.099 | 3990 |
| 13 chrD4.71271(A | G | 0.05916 | 4006 |
| 13 chrD4.71318(G | A | 0.1526 | 3990 |
| 13 chrD4.71364(G | A | 0.3033 | 4006 |
| 13 chrD4.71396(G | A | 0.1652 | 3990 |
| 13 chrD4.71436(G | A | 0.2631 | 4006 |
| 13 chrD4.71467(A | G | 0.2495 | 3992 |
| 13 chrD4.71492(A | G | 0.2066 | 3964 |
| 13 chrD4.71506(A | G | 0.1482 | 4002 |
| 13 chrD4.71516(G | A | 0.3729 | 3998 |
| 13 chrD4.71536(A | G | 0.3628 | 4000 |
| 13 chrD4.71580(A | G | 0.08834 | 3962 |
| 13 chrD4.71637(A | G | 0.1843 | 3988 |
| 13 chrD4.71683(A | G | 0.0524 | 4008 |
| 13 chrUn.64309(A | C | 0.02778 | 3996 |
| 13 chrD4.71727(G | A | 0.1028 | 4006 |
| 13 chrD4.71762(A | G | 0.1274 | 3994 |

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| 13 chrD4.71810(A | G | 0.1674 | 4002 |
| 13 chrD4.71842(A | G | 0.1961 | 4004 |
| 13 chrD4.71885(A | G | 0.2221 | 3994 |
| 13 chrD4.71931(A | G | 0.0912 | 4002 |
| 13 chrD4.71972(A | A | 0.4369 | 3994 |
| 13 chrD4.71996(A | A | 0.2669 | 3998 |
| 13 chrD4.72038(A | A | 0.3778 | 3888 |
| 13 chrD4.72077(A | A | 0.3449 | 4004 |
| 13 chrD4.72136(A | A | 0.4097 | 3996 |
| 13 chrD4.72178(A | G | 0.1992 | 3990 |
| 13 chrD4.72213(A | G | 0.4748 | 4006 |
| 13 chrD4.72218(A | A | 0.09955 | 3998 |
| 13 chrD4.72326(A | A | 0.3807 | 3938 |
| 13 chrD4.72377(A | G | 0.3246 | 3712 |
| 13 chrD4.72427(A | A | 0.07233 | 3982 |
| 13 chrD4.72462(A | G | 0.4508 | 4004 |
| 13 chrD4.72518(A | A | 0.2676 | 3748 |
| 13 chrD4.72567(A | G | 0.04843 | 4006 |
| 13 chrD4.72626(A | G | 0.4606 | 3960 |
| 13 chrD4.72656(A | A | 0.2057 | 4000 |
| 13 chrD4.72681(A | A | 0.1431 | 3996 |
| 13 chrD4.72721(A | A | 0.03276 | 3846 |
| 13 chrD4.72773(A | G | 0.2863 | 4010 |
| 13 chrD4.72818(A | A | 0.1569 | 3996 |
| 13 chrD4.72854(C | A | 0.2945 | 3918 |
| 13 chrUn.66257(A | G | 0.3573 | 3986 |
| 13 chrD4.72920(A | G | 0.2932 | 3994 |
| 13 chrD4.72988(A | G | 0.001248 | 4008 |
| 13 chrD4.72994(A | G | 0.1771 | 3992 |
| 13 chrD4.73127(A | A | 0.1069 | 3948 |
| 13 chrD4.73212(A | C | 0.114 | 3964 |
| 13 chrUn.34042(A | A | 0.3486 | 4002 |
| 13 chrD4.73366(A | G | 0.3664 | 4004 |
| 13 chrD4.73393(A | A | 0.3377 | 4000 |
| 13 chrD4.73435(C | A | 0.135 | 3986 |
| 13 chrD4.73467(A | C | 0.2815 | 3986 |
| 13 chrD4.73495(A | A | 0.4017 | 3996 |
| 13 chrD4.73536(A | A | 0.1027 | 3828 |
| 13 chrD4.73601(A | G | 0.4251 | 3994 |
| 13 chrD4.73664(A | G | 0.09152 | 4010 |
| 13 chrD4.73699(A | G | 0.1815 | 4006 |

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| 13 chrD4.73723(A | G | 0.1662 | 3900 |
| 13 chrD4.73754(A | C | 0.209 | 3780 |
| 13 chrD4.73779(A | A | 0.3297 | 3970 |
| 13 chrD4.73809(A | A | 0.236 | 3954 |
| 13 chrD4.73841(A | A | 0.4746 | 3980 |
| 13 chrD4.73878(A | G | 0.09785 | 3996 |
| 13 chrD4.73916(A | G | 0.02373 | 4004 |
| 13 chrD4.73975(A | A | 0.1841 | 3976 |
| 13 chrD4.74011(A | G | 0.381 | 4000 |
| 13 chrD4.74067(A | A | 0.1798 | 3994 |
| 13 chrD4.74107(A | A | 0.1368 | 3998 |
| 13 chrD4.74138(A | A | 0.3503 | 3954 |
| 13 chrD4.74147(A | C | 0.1793 | 3932 |
| 13 chrD4.74183(A | A | 0.1346 | 3916 |
| 13 chrD4.74207(A | A | 0.438 | 4000 |
| 13 chrD4.74234(A | G | 0.00666 | 3904 |
| 13 chrD4.74275(A | G | 0.1471 | 4004 |
| 13 chrD4.74336(A | G | 0.1684 | 4002 |
| 13 chrD4.74393(A | G | 0.3848 | 3986 |
| 13 chrD4.74418(A | G | 0.1728 | 4004 |
| 13 chrD4.74470(A | G | 0.3679 | 4004 |
| 13 chrD4.74567(A | G | 0.1653 | 3980 |
| 13 chrD4.74631(A | A | 0.08371 | 4002 |
| 13 chrD4.74720(A | A | 0.1231 | 3998 |
| 13 chrD4.74786(A | A | 0.1607 | 3882 |
| 13 chrD4.74845(A | G | 0.1959 | 3992 |
| 13 chrD4.74876(A | G | 0.1575 | 3994 |
| 13 chrD4.74934(A | G | 0.09905 | 4008 |
| 13 chrD4.75043(A | C | 0.4457 | 3718 |
| 13 chrD4.75078(A | A | 0.1795 | 3956 |
| 13 chrD4.75101(A | G | 0.4448 | 3984 |
| 13 chrD4.75132(A | G | 0.1565 | 3994 |
| 13 chrD4.75187(A | G | 0.07721 | 4002 |
| 13 chrD4.75237(A | G | 0.4828 | 4008 |
| 13 chrD4.75275(A | G | 0.3132 | 3934 |
| 13 chrD4.75305(A | A | 0.3728 | 3790 |
| 13 chrD4.75332(A | A | 0.05216 | 3988 |
| 13 chrD4.75382(A | A | 0.03646 | 4004 |
| 13 chrD4.75444(A | 0 G | 0 | 4008 |
| 13 chrD4.75475(A | G | 0.2872 | 3976 |
| 13 chrD4.75563(A | A | 0.1748 | 4004 |

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| 13 chrD4.75597:A | G | 0.1512 | 4000 |
| 13 chrD4.75655:A | C | 0.08519 | 3862 |
| 13 chrD4.75657:A | G | 0.4849 | 3982 |
| 13 chrD4.75705:A | G | 0.2869 | 3984 |
| 13 chrD4.75761:A | A | 0.322 | 3994 |
| 13 chrD4.75838:A | G | 0.461 | 3970 |
| 13 chrD4.75873:A | A | 0.1741 | 3998 |
| 13 chrD4.75923:A | A | 0.09935 | 4006 |
| 13 chrD4.75978:A | G | 0.3167 | 3988 |
| 13 chrD4.76007:A | G | 0.486 | 3986 |
| 13 chrD4.76075:A | C | 0.0482 | 4004 |
| 13 chrD4.76101:A | A | 0.4166 | 3968 |
| 13 chrD4.76182:A | C | 0.4775 | 3996 |
| 13 chrD4.76249:A | G | 0.2975 | 3986 |
| 13 chrD4.76303:A | C | 0.08705 | 3986 |
| 13 chrUn.32070:A | G | 0.2517 | 4000 |
| 13 chrD4.76342:C | A | 0.1963 | 3998 |
| 13 chrD4.76367:A | G | 0.4285 | 3984 |
| 13 chrD4.76391:A | A | 0.395 | 3980 |
| 13 chrD4.76396:A | A | 0.4357 | 3996 |
| 13 chrD4.76422:C | A | 0.1233 | 3932 |
| 13 chrD4.76458:A | G | 0.1119 | 4002 |
| 13 chrD4.76501:A | A | 0.03793 | 3928 |
| 13 chrD4.76550:A | G | 0 | 4010 |
| 13 chrD4.76572:A | G | 0.2811 | 3974 |
| 13 chrD4.76602:A | A | 0.3389 | 4004 |
| 13 chrD4.76636:A | A | 0.1078 | 3988 |
| 13 chrD4.76678:A | A | 0.2828 | 4006 |
| 13 chrD4.76746:A | G | 0.3615 | 3992 |
| 13 chrD4.76748:A | G | 0.207 | 3990 |
| 13 chrD4.76788:A | A | 0.4461 | 3990 |
| 13 chrD4.76857:A | A | 0.4945 | 3988 |
| 13 chrD4.76905:A | G | 0.4566 | 4006 |
| 13 chrD4.76934:A | A | 0.09466 | 4004 |
| 13 chrD4.76978:A | A | 0.2149 | 3974 |
| 13 chrD4.77063:A | G | 0.06917 | 3990 |
| 13 chrD4.77097:A | A | 0.3056 | 3996 |
| 13 chrD4.77142:A | C | 0.257 | 3860 |
| 13 chrD4.77278:A | G | 0.03448 | 4002 |
| 13 chrD4.77347:A | A | 0.05966 | 4006 |
| 13 chrD4.77458:A | G | 0.07056 | 3968 |

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| 13 chrD4.774911C | A | 0.2129 | 4002 |
| 13 chrD4.775181G | A | 0.3654 | 3968 |
| 13 chrD4.775501G | A | 0.3309 | 3998 |
| 13 chrD4.775781A | G | 0.03719 | 4006 |
| 13 chrD4.776151G | A | 0.2657 | 3956 |
| 13 chrD4.776871G | A | 0.08367 | 4004 |
| 13 chrD4.777181A | G | 0.1635 | 3988 |
| 13 chrD4.777421G | A | 0.06116 | 4006 |
| 13 chrD4.777921A | G | 0.158 | 4000 |
| 13 chrD4.778361A | G | 0.1849 | 4002 |
| 13 chrD4.778751A | G | 0.0775 | 4000 |
| 13 chrD4.779511G | A | 0.3436 | 4002 |
| 13 chrD4.780031A | G | 0.3112 | 4004 |
| 13 chrD4.780591A | G | 0.2439 | 4006 |
| 13 chrD4.781161G | A | 0.4767 | 3998 |
| 13 chrD4.781601A | G | 0.0182 | 4010 |
| 13 chrD4.782041G | A | 0.07089 | 4006 |
| 13 chrD4.782491A | G | 0.1545 | 3994 |
| 13 chrD4.782821A | C | 0.3935 | 3992 |
| 13 chrD4.782951G | A | 0.06238 | 4008 |
| 13 chrD4.783151A | G | 0.1347 | 3936 |
| 13 chrD4.783871A | G | 0.3809 | 3954 |
| 13 chrD4.784331A | G | 0.3267 | 4000 |
| 13 chrD4.784601A | G | 0.1251 | 3694 |
| 13 chrD4.785121A | G | 0.0002496 | 4006 |
| 13 chrD4.785851A | G | 0.3341 | 3616 |
| 13 chrD4.786261G | A | 0.4244 | 3666 |
| 13 chrD4.787051A | G | 0.0972 | 4002 |
| 13 chrD4.787291A | G | 0.475 | 4004 |
| 13 chrD4.787651A | G | 0.1907 | 3996 |
| 13 chrD4.788021A | C | 0.4524 | 3990 |
| 13 chrD4.788471A | G | 0.08996 | 4002 |
| 13 chrD4.788831A | G | 0.4978 | 4002 |
| 13 chrD4.789091A | G | 0.03042 | 4010 |
| 13 chrD4.789381A | G | 0.332 | 4000 |
| 13 chrD4.789671A | G | 0.09755 | 3998 |
| 13 chrD4.790241A | G | 0.4622 | 3998 |
| 13 chrD4.790661G | A | 0.4945 | 3996 |
| 13 chrD4.791331A | C | 0.05198 | 3982 |
| 13 chrD4.791941A | G | 0.4958 | 4008 |
| 13 chrD4.792211G | A | 0.1798 | 3982 |

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| 13 chrD4.792467G | A | 0.4814 | 3932 |
| 13 chrD4.792758A | G | 0.4137 | 3996 |
| 13 chrD4.793266G | A | 0.2229 | 3984 |
| 13 chrD4.793578G | A | 0.455 | 3998 |
| 13 chrD4.794309A | G | 0.1482 | 4000 |
| 13 chrD4.795134G | A | 0.01334 | 3972 |
| 13 chrD4.79553(A | G | 0.117 | 4008 |
| 13 chrD4.795847G | A | 0.06525 | 4000 |
| 13 chrD4.79626(G | A | 0.3503 | 3988 |
| 13 chrD4.797127A | G | 0.06843 | 4004 |
| 13 chrD4.798274A | C | 0.2146 | 3994 |
| 13 chrD4.798769G | A | 0.237 | 3996 |
| 13 chrD4.799218A | G | 0.07529 | 3998 |
| 13 chrD4.799477G | A | 0.3921 | 4002 |
| 13 chrD4.79995(G | A | 0.1406 | 4004 |
| 13 chrD4.80038(C | A | 0.1173 | 3948 |
| 13 chrD4.800657A | G | 0.05439 | 4008 |
| 13 chrD4.800899A | C | 0.3753 | 3936 |
| 13 chrD4.801317G | A | 0.08024 | 3988 |
| 13 chrD4.80188(G | A | 0.4757 | 3912 |
| 13 chrD4.802116G | A | 0.3769 | 3990 |
| 13 chrD4.802477G | A | 0.1217 | 3994 |
| 13 chrD4.802867G | A | 0.3277 | 3906 |
| 13 chrD4.803304G | A | 0.4792 | 3998 |
| 13 chrD4.803736G | A | 0.1002 | 4000 |
| 13 chrD4.804084G | A | 0.2345 | 4000 |
| 13 chrD4.804487A | G | 0.05941 | 4006 |
| 13 chrD4.80502(C | A | 0.1544 | 3952 |
| 13 chrD4.805539C | A | 0.0007481 | 4010 |
| 13 chrD4.806087G | A | 0.2231 | 3962 |
| 13 chrD4.806467A | G | 0.2905 | 4004 |
| 13 chrD4.80681(A | G | 0.07186 | 3980 |
| 13 chrD4.807106A | G | 0.007754 | 3998 |
| 13 chrD4.807519G | A | 0.06181 | 3996 |
| 13 chrD4.807924G | A | 0.3249 | 4004 |
| 13 chrD4.807986A | G | 0.121 | 4000 |
| 13 chrD4.808647A | G | 0.3977 | 3960 |
| 13 chrD4.80922(A | C | 0.2756 | 3984 |
| 13 chrD4.809607G | A | 0.4702 | 3958 |
| 13 chrD4.809967G | A | 0.3895 | 3992 |
| 13 chrD4.810376A | G | 0.1368 | 4000 |

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| 13 chrD4.81129(A | C | 0.192 | 4000 |
| 13 chrD4.81130(G | A | 0.1504 | 3902 |
| 13 chrD4.81156(G | A | 0.276 | 4004 |
| 13 chrD4.81203(A | G | 0.00327 | 3976 |
| 13 chrD4.81204(A | C | 0.2768 | 4006 |
| 13 chrD4.81251(G | A | 0.4653 | 4002 |
| 13 chrD4.81288(G | A | 0.4393 | 4002 |
| 13 chrD4.81353(A | C | 0.2333 | 3990 |
| 13 chrD4.81381(A | G | 0.3329 | 3998 |
| 13 chrD4.81415(A | G | 0.08763 | 3994 |
| 13 chrD4.81442(G | A | 0.07189 | 4006 |
| 13 chrD4.81480(A | G | 0.3863 | 4002 |
| 13 chrD4.81520(A | G | 0.1134 | 4002 |
| 13 chrD4.81579(A | G | 0.104 | 3982 |
| 13 chrD4.81666(A | C | 0.2444 | 3990 |
| 13 chrD4.81725(G | A | 0.2078 | 3994 |
| 13 chrD4.81806(A | G | 0.2221 | 3980 |
| 13 chrD4.81842(A | G | 0.08891 | 4004 |
| 13 chrD4.81897(G | A | 0.2135 | 4004 |
| 13 chrD4.81942(G | A | 0.1807 | 4000 |
| 13 chrD4.81975(C | A | 0.4765 | 3996 |
| 13 chrD4.82041(A | C | 0.3288 | 3948 |
| 13 chrD4.82084(A | G | 0.1271 | 3998 |
| 13 chrD4.82118(A | G | 0.4256 | 3992 |
| 13 chrD4.82147(G | A | 0.3923 | 3994 |
| 13 chrD4.82173(G | A | 0.1308 | 3998 |
| 13 chrD4.82217(G | A | 0.3214 | 3986 |
| 13 chrD4.82330(A | G | 0.3736 | 3986 |
| 13 chrD4.82369(A | G | 0.2923 | 3996 |
| 13 chrD4.82413(A | G | 0.222 | 3960 |
| 13 chrD4.82461(A | G | 0.09675 | 4000 |
| 13 chrD4.82503(C | A | 0.2904 | 4008 |
| 13 chrD4.82531(A | C | 0.196 | 3898 |
| 13 chrD4.82592(G | A | 0.2573 | 3976 |
| 13 chrD4.82616(A | G | 0.03386 | 3928 |
| 13 chrD4.82629(G | A | 0.3799 | 3972 |
| 13 chrD4.82656(A | G | 0.2315 | 3996 |
| 13 chrD4.82711(A | G | 0.2468 | 4004 |
| 13 chrD4.82784(A | G | 0.493 | 3990 |
| 13 chrD4.82815(C | A | 0.1715 | 4000 |
| 13 chrD4.82846(C | A | 0.1207 | 3694 |

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| 13 chrD4.82871(A | G | 0.2563 | 3988 |
| 13 chrD4.82912(A | C | 0.4464 | 3994 |
| 13 chrD4.82952(A | G | 0.2094 | 4002 |
| 13 chrUn9.1214(C | A | 0.2808 | 3992 |
| 13 chrD4.98197(A | A | 0.1559 | 4002 |
| 13 chrD4.98297(A | G | 0.1602 | 3994 |
| 13 chrD4.98322(A | G | 0.2168 | 3778 |
| 13 chrD4.98366(A | G | 0.1785 | 3994 |
| 13 chrD4.98397(A | 0 G | 0 | 3996 |
| 13 chrD4.98460(A | A | 0.2981 | 3998 |
| 13 chrD4.83085(A | C | 0.08159 | 4008 |
| 13 chrD4.83087(A | G | 0.0802 | 3990 |
| 13 chrD4.83087(A | G | 0.3531 | 3990 |
| 13 chrD4.98542(A | A | 0.1445 | 4008 |
| 13 chrD4.98560(A | A | 0.254 | 3910 |
| 13 chrD4.83165(A | A | 0.3643 | 3994 |
| 13 chrD4.98642(A | G | 0.1973 | 3958 |
| 13 chrD4.98679(A | G | 0.03798 | 4002 |
| 13 chrD4.98691(A | A | 0.0262 | 4008 |
| 13 chrD4.98747(A | C | 0.05933 | 3860 |
| 13 chrD4.98772(A | A | 0.1207 | 4002 |
| 13 chrD4.98825(A | A | 0.3911 | 3994 |
| 13 chrD4.98860(A | G | 0.1212 | 3992 |
| 13 chrD4.98899(A | G | 0.2328 | 3990 |
| 13 chrD4.98902(A | G | 0.3735 | 3834 |
| 13 chrD4.98935(C | A | 0.1717 | 4008 |
| 13 chrD4.98961(A | G | 0.07863 | 4006 |
| 13 chrD4.98993(A | C | 0.06809 | 3980 |
| 13 chrD4.99045(A | G | 0.1739 | 3984 |
| 13 chrD4.99094(A | G | 0.03543 | 4008 |
| 13 chrD4.99125(A | G | 0.3878 | 3994 |
| 13 chrD4.99175(A | G | 0.1748 | 3992 |
| 13 chrD4.99209(A | G | 0.4695 | 3994 |
| 13 chrD4.99243(A | A | 0.3285 | 3894 |
| 13 chrD4.99290(A | A | 0.2929 | 3994 |
| 13 chrD4.99317(A | C | 0.4417 | 3982 |
| 13 chrD4.99355(C | A | 0.3109 | 3988 |
| 13 chrD4.99381(A | G | 0.08782 | 4008 |
| 13 chrD4.99418(A | A | 0.204 | 3990 |
| 13 chrD4.99490(A | G | 0.162 | 4006 |
| 13 chrD4.99515(A | G | 0.2317 | 4006 |

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| 13 chrD4.99547C A | G | 0.3106 | 3986 |
| 13 chrD4.99575C A | G | 0.1503 | 3998 |
| 13 chrD4.99614C A | G | 0.147 | 4000 |
| 13 chrD4.99641C A | C | 0.1717 | 4008 |
| 13 chrD4.99694C A | G | 0.04194 | 4006 |
| 13 chrD4.99747C A | G | 0.2275 | 4004 |
| 13 chrD4.99828C G | A | 0.243 | 4008 |
| 13 chrD4.99887C A | G | 0.1179 | 3996 |
| 13 chrD4.99921C A | G | 0.188 | 4000 |
| 13 chrD4.99955C A | G | 0.2269 | 4006 |
| 13 chrD4.99990C A | G | 0.1303 | 3914 |
| 13 chrD4.10002C G | A | 0.03798 | 4002 |
| 13 chrD4.10005C G | A | 0.1217 | 3844 |
| 13 chrA1.16084C G | A | 0.3068 | 4000 |
| 13 chrB3.76828C A | G | 0.02002 | 3996 |
| 13 chrB4.14634C G | A | 0.2607 | 4000 |
| 13 chrB2.10343C A | G | 0.3786 | 3996 |
| 13 chrB2.10339C G | A | 0.06478 | 3890 |
| 13 chrB2.10332C A | G | 0.1048 | 4008 |
| 13 chrUn.65982C A | G | 0.2817 | 4008 |
| 13 chrD4.10021C A | G | 0.2264 | 3706 |
| 13 chrD4.10025C A | G | 0.2198 | 3930 |
| 13 chrD4.10031C G | A | 0.3086 | 3918 |
| 13 chrUn.63922C A | G | 0.1082 | 4000 |
| 13 chrD4.10043C G | A | 0.1874 | 3996 |
| 13 chrD4.10050C A | G | 0.1122 | 4000 |
| 13 chrD4.10052C G | A | 0.1263 | 3992 |
| 13 chrD4.10056C G | A | 0.2445 | 4004 |
| 13 chrD4.10059C A | G | 0.3109 | 3982 |
| 13 chrD4.10063C A | G | 0.1299 | 3996 |
| 13 chrD4.10069C G | A | 0.06418 | 3864 |
| 13 chrD4.26212C G | A | 0.4102 | 3998 |
| 13 chrD4.10072C A | G | 0.3922 | 4006 |
| 13 chrD4.10076C A | G | 0.1277 | 4010 |
| 13 chrD4.10084C A | G | 0.08346 | 3906 |
| 13 chrD4.10091C G | A | 0.01977 | 3996 |
| 13 chrD4.10094C A | G | 0.1104 | 4002 |
| 13 chrD4.10101C A | G | 0.3456 | 3982 |
| 13 chrD4.10104C A | G | 0.02223 | 4004 |
| 13 chrD4.10109C A | G | 0.3272 | 3998 |
| 13 chrD4.10114C G | A | 0.01462 | 3898 |

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| 13 chrD4.10122(G | A | 0.3817 | 3998 |
| 13 chrD4.10126(A | G | 0.08363 | 3994 |
| 13 chrD4.10131(A | G | 0.3458 | 3930 |
| 13 chrD4.10134(G | A | 0.253 | 4000 |
| 13 chrD4.10139(A | G | 0.07432 | 3996 |
| 13 chrD4.10144(G | A | 0.4789 | 3990 |
| 13 chrD4.10148(A | G | 0.02832 | 3990 |
| 13 chrD4.10152(A | G | 0.3854 | 4006 |
| 13 chrD4.10157(G | A | 0.1701 | 3986 |
| 13 chrD4.10161(G | A | 0.1488 | 3986 |
| 13 chrD4.10163(C | A | 0.2807 | 3962 |
| 13 chrD4.10164(A | G | 0.3374 | 3998 |
| 13 chrD4.10170(A | G | 0.4178 | 3988 |
| 13 chrD4.10174(A | G | 0.1241 | 4006 |
| 13 chrD4.10179(A | C | 0.1243 | 4008 |
| 13 chrD4.10183(A | C | 0.2913 | 3986 |
| 13 chrD4.10187(A | G | 0.1929 | 4002 |
| 13 chrD4.10191(C | A | 0.08701 | 3988 |
| 13 chrD4.10194(A | G | 0.04239 | 4010 |
| 13 chrD4.10198(G | A | 0.268 | 4000 |
| 13 chrD4.10206(A | G | 0.1531 | 3998 |
| 13 chrD4.10215(A | G | 0.08271 | 3772 |
| 13 chrD4.10225(C | A | 0.04175 | 4000 |
| 13 chrD4.10233(A | G | 0.3719 | 3972 |
| 13 chrD4.10234(A | G | 0.0002496 | 4006 |
| 13 chrD4.10240(G | A | 0.3676 | 4002 |
| 13 chrD4.10245(A | G | 0.04094 | 3688 |
| 13 chrD4.10247(A | G | 0.1445 | 3966 |
| 13 chrD4.10254(A | G | 0.3977 | 4000 |
| 13 chrD4.10256(G | A | 0.0894 | 3982 |
| 13 chrD4.10270(G | A | 0.4965 | 4002 |
| 13 chrD4.10274(G | A | 0.02819 | 4008 |
| 13 chrD4.10281(A | G | 0.2525 | 4000 |
| 13 chrD4.10284(A | G | 0.1734 | 3956 |
| 13 chrD4.10287(C | A | 0.1167 | 3874 |
| 13 chrD4.10291(A | G | 0.1486 | 3910 |
| 13 chrD4.10294(A | G | 0.1318 | 4006 |
| 13 chrD4.10300(G | A | 0.04843 | 4006 |
| 13 chrD4.10304(A | G | 0.1439 | 4004 |
| 13 chrD4.10311(A | G | 0.2421 | 3862 |
| 13 chrD4.10315(G | A | 0.3221 | 3990 |

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| 13 chrD4.10318 | C | A | 0.016 | 3938 |
| 13 chrD4.10322 | A | G | 0.3248 | 4002 |
| 13 chrD4.10327 | A | G | 0.07293 | 3620 |
| 13 chrD4.10333 | G | A | 0.1165 | 3992 |
| 13 chrD4.10335 | G | A | 0.2991 | 3998 |
| 13 chrD4.10339 | A | G | 0.2822 | 4004 |
| 13 chrD4.10343 | A | G | 0.2711 | 4006 |
| 13 chrD4.10348 | G | A | 0.1871 | 3956 |
| 13 chrD4.10353 | A | G | 0.3351 | 4008 |
| 13 chrUn.52267 | G | A | 0.1224 | 3996 |
| 13 chrD4.10355 | A | G | 0.01351 | 3998 |
| 13 chrD4.10355 | A | C | 0.3438 | 3968 |
| 13 chrD4.10359 | C | A | 0.3367 | 3992 |
| 13 chrD4.10364 | C | A | 0.06071 | 3970 |
| 13 chrD4.10368 | G | A | 0.03228 | 3996 |
| 13 chrD4.10371 | A | G | 0.3122 | 3924 |
| 13 chrD4.10375 | G | A | 0.2552 | 4004 |
| 13 chrD4.10392 | G | A | 0.02135 | 3700 |
| 13 chrD4.10394 | A | G | 0.1668 | 4010 |
| 13 chrD4.10397 | A | G | 0.4177 | 3996 |
| 13 chrD4.10401 | G | A | 0.2772 | 3986 |
| 13 chrD4.10403 | G | A | 0.1973 | 3984 |
| 13 chrD4.10406 | A | G | 0.02005 | 3840 |
| 13 chrD4.10412 | G | A | 0.2835 | 3996 |
| 13 chrD4.10431 | G | A | 0.2798 | 3946 |
| 13 chrD4.10435 | C | A | 0.4452 | 3998 |
| 13 chrD4.10438 | A | C | 0.2497 | 3924 |
| 13 chrD4.10442 | G | A | 0.02247 | 4006 |
| 13 chrD4.10444 | A | G | 0.2067 | 3992 |
| 13 chrD4.10447 | G | A | 0.3536 | 3976 |
| 13 chrD4.10450 | G | A | 0.3291 | 3962 |
| 13 chrD4.10455 | A | G | 0.2389 | 3972 |
| 13 chrD4.10458 | A | G | 0.1436 | 3998 |
| 13 chrD4.10467 | A | G | 0.2047 | 3972 |
| 13 chrD4.10471 | A | G | 0.4077 | 3996 |
| 13 chrD4.10475 | A | C | 0.1918 | 3994 |
| 13 chrD4.10483 | G | A | 0.2747 | 3964 |
| 13 chrD4.10490 | A | G | 0.05491 | 3606 |
| 13 chrD4.10493 | G | A | 0.1332 | 3994 |
| 13 chrD4.10498 | A | G | 0.1307 | 3978 |
| 13 chrD4.10505 | C | A | 0.1634 | 3978 |

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| 13 chrD4.10510(A | G | 0.2876 | 3992 |
| 13 chrD4.10515(A | C | 0.3466 | 3982 |
| 13 chrD4.10522(G | A | 0.3721 | 4002 |
| 13 chrD4.10527(G | A | 0.4295 | 3998 |
| 13 chrD4.10538(G | A | 0.05766 | 4006 |
| 13 chrD4.10541(G | A | 0.2304 | 4002 |
| 13 chrD4.10543(A | G | 0.2493 | 4004 |
| 13 chrD4.10551(G | A | 0.138 | 4000 |
| 13 chrD4.10554(G | A | 0.1526 | 3920 |
| 13 chrD4.10556(G | A | 0.3294 | 3944 |
| 13 chrD4.10564(A | G | 0.2978 | 3986 |
| 13 chrD4.10569(A | G | 0.1366 | 4004 |
| 13 chrD4.10575(A | G | 0.1374 | 3944 |
| 13 chrD4.10577(C | A | 0.3497 | 3992 |
| 13 chrD4.10580(A | G | 0.1965 | 4000 |
| 13 chrD4.10586(A | G | 0.3733 | 4000 |
| 13 chrD4.10589(A | G | 0.2766 | 3998 |
| 13 chrD4.10589(A | G | 0.1012 | 3992 |
| 13 chrD4.10594(C | A | 0.4795 | 4000 |
| 13 chrD4.10601(A | C | 0.1817 | 3990 |
| 13 chrD4.10605(A | G | 0.2614 | 3978 |
| 13 chrD4.10608(C | A | 0.1486 | 3614 |
| 13 chrD4.10614(A | G | 0.4812 | 3996 |
| 13 chrD4.10619(G | A | 0.498 | 3998 |
| 13 chrD4.10624(A | C | 0.3677 | 3992 |
| 13 chrB3.15703(G | A | 0.0537 | 4004 |
| 13 chrD4.10631(G | A | 0.3346 | 3930 |
| 13 chrD4.10645(A | G | 0.2778 | 3758 |
| 13 chrD4.10650(G | A | 0.3675 | 3992 |
| 13 chrD4.10657(C | A | 0.4875 | 3988 |
| 13 chrD4.10667(A | G | 0.2993 | 4000 |
| 13 chrD4.10671(A | G | 0.1742 | 4008 |
| 13 chrD4.10674(A | G | 0.385 | 3896 |
| 13 chrD4.10681(A | G | 0.4807 | 3994 |
| 13 chrD4.10689(A | G | 0.3836 | 4004 |
| 13 chrD4.10692(A | G | 0.02727 | 3924 |
| 13 chrD4.10695(C | A | 0.04938 | 4010 |
| 13 chrD4.10702(G | A | 0.239 | 3996 |
| 13 chrD4.10705(G | A | 0.4967 | 3986 |
| 13 chrD4.10712(A | G | 0.4469 | 3994 |
| 13 chrD4.10715(A | G | 0.3362 | 4004 |

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| 13 chrD4.10719!A | G | 0.325 | 3920 |
| 13 chrD4.10723!G | A | 0.3054 | 3988 |
| 13 chrD4.10723!C | A | 0.1699 | 3972 |
| 13 chrD4.10726!A | G | 0.1565 | 4006 |
| 13 chrD4.10728!A | G | 0.1564 | 4002 |
| 13 chrD4.10732!A | G | 0.02322 | 4006 |
| 13 chrD4.10735!A | G | 0.2917 | 3994 |
| 13 chrD4.10741!A | G | 0.2406 | 4002 |
| 13 chrD4.10743!G | A | 0.04075 | 3828 |
| 13 chrD4.10746!A | G | 0.1638 | 3896 |
| 13 chrD4.10753!A | C | 0.06206 | 3996 |
| 13 chrD4.10761!A | C | 0.1046 | 3996 |
| 13 chrD4.10772!G | A | 0.4325 | 3984 |
| 13 chrD4.10777!A | G | 0.2669 | 3986 |
| 13 chrD4.10781!G | A | 0.17 | 3636 |
| 13 chrD4.10784!G | A | 0.05433 | 3994 |
| 13 chrD4.10787!G | A | 0.2709 | 3906 |
| 13 chrD4.10791!A | C | 0.09542 | 3888 |
| 13 chrD4.10794!G | A | 0.3771 | 3996 |
| 13 chrD4.10795!A | G | 0.2042 | 3942 |
| 13 chrD4.10798!A | G | 0.2028 | 3974 |
| 13 chrD4.10801!A | G | 0.2702 | 3978 |
| 13 chrD4.10803!A | C | 0.3476 | 3996 |
| 13 chrD4.10807!A | G | 0.2959 | 3974 |
| 13 chrD4.10821!A | G | 0.4918 | 4002 |
| 13 chrD4.10826!G | A | 0.3316 | 3920 |
| 13 chrD4.10831!A | G | 0.1724 | 3984 |
| 13 chrD4.10835!A | G | 0.3479 | 3990 |
| 13 chrD4.10839!A | G | 0.02473 | 4004 |
| 13 chrD4.10843!A | C | 0.3463 | 3994 |
| 13 chrD4.10848!A | G | 0.1231 | 4004 |
| 13 chrD4.10850!A | G | 0.4538 | 3984 |
| 13 chrD4.10859!G | A | 0.2579 | 3730 |
| 13 chrD4.10863!A | G | 0.1747 | 3972 |
| 13 chrD4.10866!A | G | 0.4705 | 3966 |
| 13 chrD4.10869!G | A | 0.2278 | 4000 |
| 13 chrD4.10876!A | G | 0.4221 | 3982 |
| 13 chrD4.10880!A | G | 0.03904 | 3996 |
| 13 chrD4.10883!A | G | 0.1243 | 3726 |
| 13 chrD4.10886!A | G | 0.2859 | 4002 |
| 13 chrD4.10892!G | A | 0.1872 | 4002 |

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| 13 chrD4.10893:A | C | 0.4629 | 3986 |
| 13 chrD4.10897:A | G | 0.3165 | 4000 |
| 13 chrD4.10900:A | G | 0.07314 | 4006 |
| 13 chrD4.10910:A | G | 0.3113 | 4002 |
| 13 chrD4.10914:A | G | 0.3816 | 3962 |
| 13 chrD4.10920:A | G | 0.1619 | 4002 |
| 13 chrD4.10925:A | G | 0.3049 | 3992 |
| 13 chrD4.10931:A | G | 0.01321 | 3860 |
| 13 chrD4.10936:C | A | 0.3753 | 3970 |
| 13 chrD4.10941:A | G | 0.1679 | 3610 |
| 13 chrD4.10943:A | G | 0.1623 | 4004 |
| 13 chrD4.10950:A | A | 0.2259 | 3980 |
| 13 chrD4.10960:A | G | 0.4586 | 3984 |
| 13 chrD4.10965:A | A | 0.3555 | 3986 |
| 13 chrD4.10968:A | A | 0.2404 | 3994 |
| 13 chrD4.10971:A | A | 0.04193 | 3816 |
| 13 chrD4.10977:A | C | 0.09887 | 3722 |
| 13 chrD4.10980:A | G | 0.03061 | 3724 |
| 13 chrD4.10986:A | G | 0.002258 | 3986 |
| 13 chrD4.10989:A | A | 0.029 | 4000 |
| 13 chrD4.10995:A | G | 0.1238 | 4000 |
| 13 chrD4.10998:A | T | 0.2114 | 3964 |
| 13 chrD4.11000:A | G | 0.2139 | 3932 |
| 13 chrD4.11003:A | G | 0.4762 | 3986 |
| 13 chrD4.11007:A | G | 0.07387 | 3926 |
| 13 chrD4.11012:A | C | 0.4145 | 4000 |
| 13 chrD4.11016:A | C | 0.3784 | 4004 |
| 13 chrD4.11019:A | A | 0.3045 | 4006 |
| 13 chrD4.11023:C | A | 0.1362 | 3986 |
| 13 chrD4.11025:A | G | 0.4783 | 4006 |
| 13 chrD4.11031:A | G | 0.4659 | 3986 |
| 13 chrD4.11043:A | G | 0.4 | 3940 |
| 13 chrD4.11045:A | A | 0.2089 | 3944 |
| 13 chrD4.11050:A | A | 0.2807 | 4004 |
| 13 chrD4.11052:A | G | 0.2326 | 3912 |
| 13 chrD4.11061:A | A | 0.2437 | 3984 |
| 13 chrD4.11065:A | A | 0.4542 | 3996 |
| 13 chrD4.11068:A | G | 0.3598 | 3986 |
| 13 chrD4.11074:A | C | 0.2716 | 3976 |
| 13 chrD4.11078:A | A | 0.4088 | 3958 |
| 13 chrD4.11086:A | A | 0.01824 | 4002 |

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| 13 chrD4.11086(A | G | 0.3814 | 3996 |
| 13 chrD4.11089(A | C | 0.06644 | 3778 |
| 13 chrC2.41547(A | C | 0.2089 | 3954 |
| 13 chrD4.11094(A | G | 0.1367 | 3986 |
| 13 chrD4.11102(A | G | 0.3353 | 3934 |
| 13 chrD4.11107(G | A | 0.1573 | 4006 |
| 13 chrD4.11112(A | G | 0.05476 | 3634 |
| 13 chrD4.11115(A | G | 0.1005 | 3960 |
| 13 chrD4.11116(C | A | 0.211 | 3914 |
| 13 chrD4.11119(A | G | 0.1831 | 4004 |
| 13 chrD4.11123(A | G | 0.1208 | 3666 |
| 13 chrD4.11143(G | A | 0.2346 | 3990 |
| 13 chrD4.11195(G | A | 0.3676 | 3738 |
| 13 chrD4.11210(A | G | 0.1283 | 3992 |
| 13 chrD4.11230(A | G | 0.4158 | 3954 |
| 13 chrD4.11232(G | A | 0.2353 | 3940 |
| 13 chrD4.11242(A | G | 0.18 | 3950 |
| 13 chrD4.11257(A | C | 0.1592 | 3774 |
| 13 chrD4.11263(G | A | 0.2289 | 3914 |
| 13 chrD4.11271(A | G | 0.008333 | 3840 |
| 13 chrD4.11286(A | G | 0.3828 | 3968 |
| 13 chrD4.11292(A | G | 0.2894 | 3908 |
| 13 chrD4.11304(A | G | 0.09925 | 4000 |
| 13 chrD4.11310(A | G | 0.1298 | 3984 |
| 13 chrD4.11321(A | G | 0.3003 | 3976 |
| 13 chrD4.11348(A | G | 0.1907 | 3938 |
| 13 chrD4.11358(A | G | 0.1175 | 3814 |
| 13 chrD4.11364(A | G | 0.1339 | 3944 |
| 13 chrD4.11369(A | G | 0.2921 | 3978 |
| 13 chrD4.11373(A | G | 0.1304 | 3950 |
| 13 chrD4.11375(A | G | 0.3375 | 4000 |
| 13 chrD4.11378(G | A | 0.066 | 4000 |
| 13 chrD4.11384(G | A | 0.4157 | 3988 |
| 13 chrD4.11387(G | A | 0.1438 | 4006 |
| 13 chrD4.11391(A | G | 0.2811 | 3838 |
| 13 chrD4.11394(A | G | 0.4599 | 3990 |
| 13 chrD4.11398(A | G | 0.1646 | 3980 |
| 13 chrD4.11401(G | A | 0.3415 | 3912 |
| 13 chrD4.11405(A | G | 0.2656 | 3972 |
| 13 chrD4.11410(A | G | 0.1832 | 4006 |
| 13 chrD4.11413(A | C | 0.06521 | 3926 |

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| 13 chrD4.11415(A | G | 0.1332 | 3994 |
| 13 chrD4.11420(A | G | 0.4023 | 3952 |
| 13 chrD4.11423(G | A | 0.07825 | 4000 |
| 13 chrD4.11427(A | G | 0.3238 | 3978 |
| 13 chrD4.11435(A | G | 0.1012 | 3944 |
| 13 chrD4.11438(A | G | 0.1809 | 3980 |
| 13 chrD4.11440(G | A | 0.1901 | 3976 |
| 13 chrD4.11444(G | A | 0.2026 | 3984 |
| 13 chrD4.11451(A | C | 0.4029 | 3966 |
| 13 chrD4.11354(A | G | 0.2046 | 3774 |
| 13 chrD4.11345(G | A | 0.06939 | 3992 |
| 13 chrD4.11342(A | G | 0.3616 | 3930 |
| 13 chrD4.11342(C | A | 0.00525 | 4000 |
| 13 chrD4.11338(G | A | 0.4787 | 3944 |
| 13 chrD4.11335(A | G | 0.1899 | 3876 |
| 13 chrD4.11331(A | G | 0.1992 | 3970 |
| 13 chrD4.11529(C | A | 0.2652 | 3884 |
| 13 chrD4.11315(C | A | 0.219 | 3954 |
| 13 chrD4.11306(A | G | 0.04718 | 3900 |
| 13 chrD4.11298(A | G | 0.0649 | 3960 |
| 13 chrD4.11289(A | C | 0.2549 | 3884 |
| 13 chrD4.11282(A | G | 0.3153 | 3752 |
| 13 chrD4.11277(A | G | 0.1539 | 3964 |
| 13 chrD4.11270(A | G | 0.1858 | 3848 |
| 13 chrD4.11262(G | A | 0.4426 | 3990 |
| 13 chrD4.11251(A | G | 0.2609 | 3928 |
| 13 chrD4.11244(G | A | 0.2315 | 3936 |
| 13 chrD4.11235(A | C | 0.2435 | 3848 |
| 13 chrD4.11224(A | G | 0.1634 | 3930 |
| 13 chrD4.11215(A | G | 0.1819 | 3952 |
| 13 chrD4.11208(G | A | 0.177 | 3984 |
| 13 chrD4.11198(A | G | 0.208 | 3986 |
| 13 chrD4.11186(A | G | 0.03568 | 3644 |
| 13 chrD4.11565(A | G | 0.4034 | 3932 |
| 13 chrD4.11569(A | G | 0.1454 | 3906 |
| 13 chrD4.11573(A | G | 0.06513 | 3992 |
| 13 chrD4.11576(A | G | 0.4204 | 3946 |
| 13 chrD4.11579(A | G | 0.1121 | 3962 |
| 13 chrD4.11583(G | A | 0.4768 | 3758 |
| 13 chrD4.11586(A | G | 0.09318 | 3960 |
| 13 chrD4.11588(A | G | 0.3868 | 3950 |

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| 13 chrD4.115924A | G | 0.3511 | 3896 |
| 13 chrD4.115991A | G | 0.08891 | 3948 |
| 13 chrD4.116021A | C | 0.1496 | 3984 |
| 13 chrD4.116096A | G | 0.3453 | 3950 |
| 13 chrD4.116131A | G | 0.3462 | 3972 |
| 13 chrD4.116151A | G | 0.4028 | 3932 |
| 13 chrD4.116246A | G | 0.1838 | 3944 |
| 13 chrD4.116316 | 0 G | 0 | 4006 |
| 13 chrD4.116319A | G | 0.3638 | 3956 |
| 13 chrD4.116349G | A | 0.1559 | 3670 |
| 13 chrD4.116369 | 0 A | 0 | 4010 |
| 13 chrD4.116396A | G | 0.1247 | 3970 |
| 13 chrUn9.11999G | A | 0.4653 | 3948 |
| 13 chrUn9.11971A | C | 0.485 | 3802 |
| 13 chrUn9.11848C | A | 0.2209 | 3984 |
| 13 chrUn9.11801A | G | 0.02274 | 3958 |
| 13 chrUn9.11759A | C | 0.03347 | 4004 |
| 14 chrD1.111564G | A | 0.1834 | 4002 |
| 14 chrD1.87951 | 0 G | 0 | 4010 |
| 14 chrD1.73305 A | G | 0.03646 | 4004 |
| 14 chrD1.27736 G | A | 0.2678 | 3984 |
| 14 chrD1.18701 G | A | 0.0981 | 4006 |
| 14 chrD1.1038 G | A | 0.08092 | 4004 |
| 14 chrUn5.52801A | C | 0.3533 | 3906 |
| 14 chrUn5.53069G | A | 0.2157 | 3926 |
| 14 chrUn5.53656A | G | 0.1763 | 4000 |
| 14 chrUn5.53991A | G | 0.2958 | 4006 |
| 14 chrUn5.54474C | A | 0.07093 | 4004 |
| 14 chrUn5.54864A | G | 0.2999 | 3994 |
| 14 chrUn5.55539A | G | 0.3036 | 3986 |
| 14 chrUn5.56121G | A | 0.3315 | 3994 |
| 14 chrUn5.56831G | A | 0.4736 | 3982 |
| 14 chrUn5.57519A | G | 0.2141 | 3942 |
| 14 chrUn5.57791A | C | 0.3559 | 3984 |
| 14 chrUn5.58194A | G | 0.3852 | 3980 |
| 14 chrUn5.58469A | G | 0.381 | 3596 |
| 14 chrUn5.58654A | G | 0.2572 | 3888 |
| 14 chrUn5.59231G | A | 0.2524 | 3974 |
| 14 chrUn5.59919A | G | 0.2501 | 3974 |
| 14 chrUn5.60351A | C | 0.03017 | 3978 |
| 14 chrUn5.60961A | G | 0.1606 | 3762 |

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| 14 chrUn5.6133! | G | A | 0.4499 | 3992 |
| 14 chrUn5.6185! | C | A | 0.3942 | 3960 |
| 14 chrUn5.6262! | G | A | 0.2513 | 3976 |
| 14 chrUn5.6307! | A | G | 0.05825 | 3966 |
| 14 chrUn5.6334! | A | G | 0.1187 | 4000 |
| 14 chrUn5.6346! | A | C | 0.3628 | 3988 |
| 14 chrUn5.6410! | A | G | 0.3283 | 3996 |
| 14 chrUn5.6467! | A | G | 0.05314 | 4008 |
| 14 chrUn5.6481! | G | A | 0.2327 | 3992 |
| 14 chrUn5.6503! | C | A | 0.3565 | 3966 |
| 14 chrUn5.6551! | G | A | 0.04545 | 3938 |
| 14 chrUn5.6605! | A | G | 0.09584 | 3986 |
| 14 chrUn5.6654! | G | A | 0.2265 | 3986 |
| 14 chrUn5.6713! | A | G | 0.2278 | 3978 |
| 14 chrUn5.6766! | A | G | 0.4803 | 3916 |
| 14 chrUn5.6797! | G | A | 0.1868 | 4004 |
| 14 chrUn5.6827! | A | G | 0.2002 | 3982 |
| 14 chrUn5.6839! | A | G | 0.2994 | 3814 |
| 14 chrUn5.6912! | A | G | 0.2233 | 4008 |
| 14 chrUn5.6942! | A | G | 0.4652 | 3968 |
| 14 chrUn5.7000! | G | A | 0.02922 | 3970 |
| 14 chrUn5.7051! | G | A | 0.03443 | 4008 |
| 14 chrUn5.7087! | G | A | 0.04751 | 3936 |
| 14 chrUn5.7160! | G | A | 0.2749 | 3980 |
| 14 chrUn5.7231! | A | G | 0.0895 | 4000 |
| 14 chrUn5.7267! | A | G | 0.4886 | 3936 |
| 14 chrUn5.7293! | A | C | 0.4708 | 4000 |
| 14 chrUn5.7460! | A | G | 0.02299 | 4002 |
| 14 chrUn5.7489! | G | A | 0.4056 | 3984 |
| 14 chrUn5.7515! | A | G | 0.04054 | 3700 |
| 14 chrUn5.7601! | C | A | 0.04296 | 4004 |
| 14 chrUn5.7628! | A | G | 0.07867 | 4004 |
| 14 chrUn5.7664! | G | A | 0.4157 | 3996 |
| 14 chrUn5.7690! | A | G | 0.2746 | 3998 |
| 14 chrUn5.7714! | G | A | 0.1039 | 4004 |
| 14 chrUn5.7735! | G | A | 0.3759 | 4006 |
| 14 chrUn5.7802! | A | G | 0.1044 | 4002 |
| 14 chrUn5.7850! | A | G | 0.07468 | 4004 |
| 14 chrUn5.7948! | G | A | 0.3645 | 3994 |
| 14 chrUn5.7958! | G | 0 A | 0 | 4010 |
| 14 chrUn5.8011! | G | A | 0.1623 | 3998 |

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| 14 chrUn5.8109 | A | G | 0.1904 | 3982 |
| 14 chrUn5.8159 | G | A | 0.02206 | 3944 |
| 14 chrUn5.8203 | A | G | 0.2318 | 4008 |
| 14 chrUn5.8259 | G | A | 0.392 | 3990 |
| 14 chrUn.37490 | A | G | 0.4064 | 3962 |
| 14 chrUn5.8292 | G | A | 0.1814 | 3980 |
| 14 chrUn5.8317 | G | A | 0.3402 | 4006 |
| 14 chrUn5.8463 | A | G | 0.04443 | 3984 |
| 14 chrUn5.8492 | G | A | 0.1981 | 3988 |
| 14 chrUn5.8526 | C | A | 0.4751 | 3974 |
| 14 chrUn5.8587 | G | A | 0.1814 | 3986 |
| 14 chrUn5.8761 | A | G | 0.1624 | 3942 |
| 14 chrUn5.8789 | A | G | 0.07368 | 4004 |
| 14 chrUn5.8820 | A | G | 0.4547 | 3994 |
| 14 chrUn5.8861 | A | G | 0.1 | 4010 |
| 14 chrUn5.8904 | A | G | 0.222 | 4000 |
| 14 chrUn5.8999 | A | G | 0.01322 | 4008 |
| 14 chrUn5.9038 | A | G | 0.06726 | 3940 |
| 14 chrUn5.9084 | A | G | 0.1077 | 3982 |
| 14 chrUn5.9143 | A | G | 0.258 | 4004 |
| 14 chrUn5.9155 | A | G | 0.1398 | 4006 |
| 14 chrE1.5414 | G | A | 0.1405 | 3992 |
| 14 chrE1.22614 | G | A | 0.1768 | 3988 |
| 14 chrE1.58779 | C | A | 0.04095 | 3980 |
| 14 chrE1.111153 | A | G | 0.4829 | 3986 |
| 14 chrE1.151764 | A | G | 0.2833 | 4000 |
| 14 chrE1.155473 | A | G | 0.4354 | 3946 |
| 14 chrE1.190266 | A | G | 0.2798 | 3892 |
| 14 chrE1.231787 | A | C | 0.417 | 3902 |
| 14 chrE1.257229 | A | G | 0.475 | 4002 |
| 14 chrE1.325554 | G | A | 0.3611 | 3982 |
| 14 chrE1.363872 | A | G | 0.1129 | 4002 |
| 14 chrE1.456617 | A | G | 0.02417 | 3930 |
| 14 chrE1.497029 | G | A | 0.308 | 4000 |
| 14 chrE1.522426 | G | A | 0.1456 | 4004 |
| 14 chrE1.548849 | A | G | 0.1743 | 4000 |
| 14 chrE1.581992 | A | G | 0.1607 | 3996 |
| 14 chrE1.631596 | A | G | 0.1491 | 3998 |
| 14 chrE1.695105 | G | A | 0.1333 | 4006 |
| 14 chrE1.739111 | G | A | 0.06889 | 3992 |
| 14 chrE1.766428 | C | A | 0.1862 | 3984 |

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| 14 chrE1.836396 | A | 0.3996 | 3984 |
| 14 chrE1.935068 | C | 0.1905 | 3670 |
| 14 chrUn.402849 | G | 0.1902 | 3886 |
| 14 chrE1.101863 | A | 0.004284 | 3968 |
| 14 chrE1.104912 | A | 0.07983 | 3996 |
| 14 chrE1.108881 | G | 0.2501 | 4002 |
| 14 chrE1.113187 | C | 0.2805 | 4004 |
| 14 chrE1.119076 | G | 0.1435 | 3764 |
| 14 chrE1.120076 | G | 0.1289 | 3948 |
| 14 chrE1.124031 | C | 0.1874 | 3996 |
| 14 chrE1.132243 | G | 0.1805 | 4006 |
| 14 chrE1.137891 | A | 0.2385 | 4000 |
| 14 chrE1.140946 | A | 0.1495 | 4008 |
| 14 chrE1.144577 | G | 0.2224 | 4006 |
| 14 chrE1.147938 | G | 0.1265 | 4008 |
| 14 chrE1.153196 | A | 0.1524 | 3990 |
| 14 chrE1.164866 | G | 0.03548 | 3890 |
| 14 chrE1.168185 | C | 0.423 | 3998 |
| 14 chrE1.172467 | G | 0.3811 | 4002 |
| 14 chrE1.177215 | G | 0.144 | 3952 |
| 14 chrE1.180515 | A | 0.4782 | 3992 |
| 14 chrE1.184773 | G | 0.1097 | 3992 |
| 14 chrE1.188167 | C | 0.391 | 3982 |
| 14 chrE1.191007 | A | 0.4899 | 3956 |
| 14 chrE1.201859 | A | 0.3864 | 3986 |
| 14 chrE1.205788 | C | 0.08476 | 3740 |
| 14 chrE1.209340 | A | 0.4105 | 3968 |
| 14 chrE1.213700 | A | 0.1934 | 3986 |
| 14 chrE1.216691 | G | 0.1346 | 3998 |
| 14 chrE1.222966 | G | 0.1089 | 4004 |
| 14 chrE1.229322 | A | 0.2342 | 3868 |
| 14 chrE1.235823 | G | 0.08421 | 3990 |
| 14 chrE1.242854 | A | 0.2943 | 3962 |
| 14 chrE1.247024 | G | 0.1895 | 3994 |
| 14 chrE1.255380 | A | 0.1129 | 4002 |
| 14 chrE1.259557 | A | 0.4834 | 3968 |
| 14 chrE1.262585 | C | 0.1383 | 3992 |
| 14 chrE1.265232 | A | 0.07671 | 4002 |
| 14 chrE1.268754 | A | 0.0459 | 3704 |
| 14 chrE1.272331 | G | 0.1077 | 3956 |
| 14 chrE1.276654 | 0 G | 0 | 4006 |

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| 14 chrE1.277291A | C | 0.452 | 3978 |
| 14 chrE1.281123G | A | 0.000499 | 4008 |
| 14 chrE1.282652A | G | 0.3623 | 4002 |
| 14 chrE1.287404A | G | 0.07114 | 4006 |
| 14 chrE1.289865G | A | 0.1236 | 3982 |
| 14 chrE1.296130G | A | 0.4604 | 3916 |
| 14 chrE1.299527A | G | 0.2204 | 3992 |
| 14 chrE1.303333G | A | 0.1766 | 3986 |
| 14 chrE1.315880G | A | 0.05747 | 4002 |
| 14 chrE1.319268A | G | 0.4004 | 3966 |
| 14 chrE1.322463A | G | 0.1066 | 3910 |
| 14 chrE1.329349A | G | 0.3862 | 3988 |
| 14 chrE1.336078A | G | 0.3513 | 3994 |
| 14 chrE1.339494A | C | 0.2153 | 4008 |
| 14 chrE1.342615A | C | 0.3664 | 3930 |
| 14 chrE1.346015C | A | 0.1271 | 3998 |
| 14 chrE1.349885A | G | 0.3818 | 3994 |
| 14 chrE1.354308A | G | 0.1435 | 3980 |
| 14 chrE1.356675A | G | 0.4542 | 3978 |
| 14 chrE1.359437A | C | 0.4419 | 3994 |
| 14 chrE1.366986G | A | 0.4665 | 4000 |
| 14 chrE1.370617G | A | 0.2535 | 4008 |
| 14 chrE1.375288A | G | 0.3374 | 4004 |
| 14 chrE1.378345A | C | 0.1576 | 3998 |
| 14 chrE1.381387G | A | 0.3887 | 4000 |
| 14 chrE1.382787A | C | 0.2281 | 3990 |
| 14 chrE1.386510A | G | 0.1908 | 3958 |
| 14 chrUn.56759G | A | 0.3909 | 3986 |
| 14 chrE1.391246A | G | 0.0959 | 4004 |
| 14 chrE1.394615A | G | 0.3118 | 4000 |
| 14 chrA3.150762A | G | 0.4082 | 3998 |
| 14 chrE1.398601C | A | 0.3632 | 3992 |
| 14 chrE1.400538A | C | 0.497 | 3998 |
| 14 chrE1.404034A | G | 0.1078 | 4006 |
| 14 chrE1.406360C | A | 0.129 | 3986 |
| 14 chrE1.409294G | A | 0.2752 | 4000 |
| 14 chrE1.413786A | G | 0.2845 | 4000 |
| 14 chrE1.419674A | G | 0.3772 | 3990 |
| 14 chrE1.423163G | A | 0.3598 | 3980 |
| 14 chrE1.426518G | A | 0.1901 | 4004 |
| 14 chrE1.433405A | G | 0.07809 | 4008 |

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| 14 chrE1.438915A | G | 0.262 | 4000 |
| 14 chrE1.441617A | G | 0.4352 | 3998 |
| 14 chrE1.44979CG | A | 0.2064 | 3988 |
| 14 chrE1.454771G | A | 0.04416 | 4008 |
| 14 chrE1.461502G | A | 0.1873 | 3860 |
| 14 chrE1.466736A | G | 0.01072 | 4010 |
| 14 chrE1.469357C | A | 0.3604 | 3998 |
| 14 chrE1.469409 | 0 G | 0 | 3996 |
| 14 chrE1.47270CG | A | 0.09245 | 4002 |
| 14 chrE1.477766G | A | 0.04366 | 4008 |
| 14 chrE1.48172CA | G | 0.1869 | 3986 |
| 14 chrE1.484616G | A | 0.3854 | 3962 |
| 14 chrE1.489643A | G | 0.02769 | 4008 |
| 14 chrE1.494934A | G | 0.4504 | 3992 |
| 14 chrE1.50724CG | A | 0.3422 | 3998 |
| 14 chrE1.51007CA | C | 0.2466 | 4002 |
| 14 chrE1.513608A | G | 0.06372 | 4002 |
| 14 chrE1.517102A | G | 0.06054 | 3882 |
| 14 chrE1.521253A | G | 0.2927 | 3994 |
| 14 chrE1.533871G | A | 0.2811 | 4002 |
| 14 chrE1.54373CA | G | 0.348 | 3994 |
| 14 chrE1.548911C | A | 0.1254 | 3986 |
| 14 chrE1.552374A | G | 0.05536 | 3992 |
| 14 chrE1.55851CC | A | 0.03757 | 3966 |
| 14 chrE1.562488G | A | 0.2431 | 3998 |
| 14 chrE1.570146G | A | 0.2235 | 4004 |
| 14 chrE1.573696G | A | 0.2848 | 3996 |
| 14 chrE1.576918A | C | 0.4355 | 4000 |
| 14 chrE1.580519A | G | 0.1748 | 3958 |
| 14 chrE1.58407CA | G | 0.01973 | 3954 |
| 14 chrE1.586819A | C | 0.3629 | 3918 |
| 14 chrE1.589638G | A | 0.1512 | 3996 |
| 14 chrE1.592496G | A | 0.4941 | 3750 |
| 14 chrE1.596538A | G | 0.2901 | 3982 |
| 14 chrE1.601984A | G | 0.2179 | 4002 |
| 14 chrE1.605005G | A | 0.1581 | 3954 |
| 14 chrE1.608579A | G | 0.06387 | 4008 |
| 14 chrE1.611989A | G | 0.2574 | 4002 |
| 14 chrE1.615132A | G | 0.3743 | 4000 |
| 14 chrE1.617598G | A | 0.2319 | 3998 |
| 14 chrE1.621727A | C | 0.2978 | 3926 |

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| 14 chrE1.62949C | A | 0.4721 | 3798 |
| 14 chrE1.63249C | G | 0.0002548 | 3924 |
| 14 chrE2.56084C | C | 0.2556 | 4006 |
| 14 chrE1.63961C | A | 0.115 | 4000 |
| 14 chrE1.64232C | C | 0.2606 | 3952 |
| 14 chrE1.64424C | G | 0.2514 | 3998 |
| 14 chrE1.64560A | G | 0.215 | 3976 |
| 14 chrE1.65532A | G | 0.0842 | 3860 |
| 14 chrE1.66123A | G | 0.1867 | 4006 |
| 14 chrE1.66268C | A | 0.383 | 3976 |
| 14 chrE1.66731A | G | 0.2548 | 3996 |
| 14 chrE1.66830C | A | 0.3082 | 3988 |
| 14 chrE1.67420C | G | 0.2776 | 4002 |
| 14 chrE1.67906A | A | 0.1726 | 3958 |
| 14 chrE1.68429A | G | 0.09618 | 3982 |
| 14 chrE1.68966A | G | 0.102 | 4010 |
| 14 chrE1.69399A | A | 0.0793 | 4010 |
| 14 chrE1.70025C | A | 0.4132 | 3976 |
| 14 chrE1.70721G | A | 0.135 | 3666 |
| 14 chrE1.71217C | C | 0.1294 | 3608 |
| 14 chrE1.71635C | A | 0.2994 | 3974 |
| 14 chrE1.72341C | G | 0.2822 | 4004 |
| 14 chrE1.72813G | A | 0.4925 | 3984 |
| 14 chrE1.73162C | G | 0.148 | 3980 |
| 14 chrE1.73470C | A | 0.01697 | 4006 |
| 14 chrE1.74022C | C | 0.3832 | 3948 |
| 14 chrE1.74358C | A | 0.3145 | 3972 |
| 14 chrE1.74607C | G | 0.02968 | 4010 |
| 14 chrE1.74852A | G | 0.4368 | 3990 |
| 14 chrE1.75464C | C | 0.1386 | 3902 |
| 14 chrE1.75919C | G | 0.3392 | 3986 |
| 14 chrE1.76667C | A | 0.116 | 3956 |
| 14 chrE1.77160A | G | 0.2885 | 4004 |
| 14 chrE1.77599G | A | 0.03972 | 3978 |
| 14 chrE1.77937C | G | 0.287 | 3996 |
| 14 chrE1.78217C | A | 0.4732 | 3992 |
| 14 chrE1.79326C | G | 0.2406 | 3998 |
| 14 chrE1.79684A | A | 0.3587 | 3992 |
| 14 chrE1.80044A | A | 0.4123 | 3992 |
| 14 chrE1.80642C | A | 0.3953 | 4002 |
| 14 chrE1.80955A | C | 0.4859 | 3978 |

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| 14 chrE1.813915A | G | 0.1203 | 3900 |
| 14 chrF2.701645A | G | 0.4732 | 3996 |
| 14 chrE1.817028G | A | 0.1999 | 3986 |
| 14 chrE1.827452G | A | 0.2373 | 3738 |
| 14 chrE1.836559A | G | 0.1381 | 3910 |
| 14 chrE1.841471C | A | 0.1278 | 4006 |
| 14 chrE1.848001A | C | 0.1469 | 3982 |
| 14 chrE1.852794G | A | 0.03589 | 3984 |
| 14 chrE1.856692A | C | 0.08896 | 4002 |
| 14 chrE1.860805A | G | 0.1363 | 3984 |
| 14 chrUn.399511A | C | 0.2506 | 4006 |
| 14 chrE1.865070G | A | 0.06172 | 4002 |
| 14 chrE1.868328A | G | 0.2968 | 3996 |
| 14 chrE1.881367G | A | 0.2461 | 3982 |
| 14 chrE1.890093G | A | 0.01597 | 4008 |
| 14 chrE1.891651G | A | 0.3625 | 3994 |
| 14 chrE1.895282G | A | 0.05185 | 3992 |
| 14 chrE1.898481G | A | 0.3177 | 3900 |
| 14 chrE1.905441A | G | 0.06778 | 3998 |
| 14 chrE1.907164A | G | 0.3244 | 3986 |
| 14 chrE1.908055A | G | 0.1606 | 3980 |
| 14 chrE1.912074G | A | 0.2364 | 3862 |
| 14 chrE1.915994A | G | 0.07817 | 4004 |
| 14 chrE1.922148G | A | 0.1433 | 3998 |
| 14 chrE1.928793C | A | 0.08797 | 3990 |
| 14 chrE1.936643A | G | 0.1958 | 3988 |
| 14 chrE1.937217G | A | 0.1316 | 3966 |
| 14 chrE1.939611A | C | 0.3974 | 3996 |
| 14 chrE1.942861A | G | 0.1041 | 3998 |
| 14 chrE1.945367G | A | 0.2039 | 4006 |
| 14 chrE1.951424A | G | 0.13 | 3992 |
| 14 chrE1.954749A | G | 0.231 | 4008 |
| 14 chrE1.962990A | G | 0.3574 | 3968 |
| 14 chrE1.965791A | G | 0.2766 | 3998 |
| 14 chrE1.968588A | G | 0.05784 | 3994 |
| 14 chrE1.969744A | G | 0.2849 | 3668 |
| 14 chrE1.974445G | A | 0.4182 | 3972 |
| 14 chrA1.816993G | A | 0.1393 | 3970 |
| 14 chrE1.978844G | A | 0.3494 | 3984 |
| 14 chrE1.983858A | G | 0.07435 | 4008 |
| 14 chrE1.991077A | C | 0.02463 | 3654 |

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| 14 chrE1.996229A | G | 0.3613 | 3966 |
| 14 chrE1.998683A | G | 0.1559 | 4008 |
| 14 chrE1.100137A | G | 0.1826 | 3986 |
| 14 chrE1.100683G | A | 0.4261 | 3994 |
| 14 chrE1.101023A | G | 0.4877 | 3994 |
| 14 chrE1.101327A | G | 0.01028 | 3890 |
| 14 chrE1.101729A | C | 0.2281 | 3950 |
| 14 chrE1.102333A | G | 0.3653 | 3980 |
| 14 chrE1.102734C | A | 0.383 | 3990 |
| 14 chrE1.103642A | G | 0.02021 | 4008 |
| 14 chrE1.103895A | G | 0.4195 | 4002 |
| 14 chrE1.104269A | C | 0.2383 | 3680 |
| 14 chrE1.104515G | A | 0.3062 | 3824 |
| 14 chrE1.104755A | G | 0.02055 | 3990 |
| 14 chrE1.105148G | A | 0.152 | 4000 |
| 14 chrE1.105554A | G | 0.1268 | 4006 |
| 14 chrUn5.91853A | G | 0.4013 | 4004 |
| 14 chrUn5.92309G | A | 0.07096 | 4002 |
| 14 chrUn5.92666A | G | 0.0237 | 4008 |
| 14 chrUn5.93123A | G | 0.3294 | 4004 |
| 14 chrUn5.93466A | G | 0.313 | 3968 |
| 14 chrUn5.93894G | A | 0.4502 | 4000 |
| 14 chrD3.846296A | G | 0.09345 | 3906 |
| 14 chrC1.250616G | A | 0.3234 | 4008 |
| 14 chrUn9.11713A | G | 0.3768 | 3994 |
| 14 chrUn9.11673A | G | 0.05942 | 3770 |
| 14 chrUn9.11636A | G | 0.4943 | 4004 |
| 14 chrUn9.11578A | C | 0.3458 | 4002 |
| 14 chrE1.382361G | A | 0.1393 | 3984 |
| 14 chrE1.382750G | A | 0.1244 | 4004 |
| 14 chrE1.383148A | G | 0.2998 | 3996 |
| 14 chrE1.383930A | G | 0.1535 | 3882 |
| 14 chrE1.384164C | A | 0.1557 | 3796 |
| 14 chrE1.384240A | C | 0.3859 | 4004 |
| 14 chrE1.384625A | G | 0.2494 | 4002 |
| 14 chrE1.384876A | G | 0.1191 | 3886 |
| 14 chrE1.385347A | G | 0.2077 | 3986 |
| 14 chrE1.386082C | A | 0.09232 | 4008 |
| 14 chrE1.386326A | G | 0.1943 | 4000 |
| 14 chrE1.386661G | A | 0.1308 | 3960 |
| 14 chrE1.387417A | G | 0.03367 | 4010 |

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| 14 chrE1.387149A | G | 0.08317 | 3992 |
| 14 chrE1.387697G | A | 0.4029 | 3986 |
| 14 chrE1.387979G | A | 0.318 | 3874 |
| 14 chrE1.388456A | G | 0.3063 | 3996 |
| 14 chrE1.388856G | A | 0.2655 | 4008 |
| 14 chrE1.389119A | G | 0.3976 | 3974 |
| 14 chrE1.390040A | G | 0.3913 | 3856 |
| 14 chrE1.391131A | G | 0.2496 | 3910 |
| 14 chrE1.391464A | C | 0.2625 | 4008 |
| 14 chrE1.391750A | G | 0.042 | 4000 |
| 14 chrE1.391992A | G | 0.2292 | 3992 |
| 14 chrE1.392073G | A | 0.4997 | 3904 |
| 14 chrE1.392245A | G | 0.1692 | 4002 |
| 14 chrE1.392792G | A | 0.05667 | 3988 |
| 14 chrE1.394024A | G | 0.1383 | 4000 |
| 14 chrE1.394868G | A | 0.4762 | 3998 |
| 14 chrE1.395327A | G | 0.3928 | 3992 |
| 14 chrE1.395752A | G | 0.2413 | 3974 |
| 14 chrE1.396204A | G | 0.3408 | 3976 |
| 14 chrE1.396703C | A | 0.06695 | 3734 |
| 14 chrE1.397003 | 0 A | 0 | 4006 |
| 14 chrE1.397031G | A | 0.01411 | 3968 |
| 14 chrE1.397439A | G | 0.005736 | 4010 |
| 14 chrE1.397905G | A | 0.4671 | 3982 |
| 14 chrE1.398153A | G | 0.01696 | 4010 |
| 14 chrE1.398400A | G | 0.1125 | 4000 |
| 14 chrE1.398745A | G | 0.05544 | 4004 |
| 14 chrE1.398991G | A | 0.3041 | 3992 |
| 14 chrE1.399605G | A | 0.1343 | 3998 |
| 14 chrE1.400141A | C | 0.2183 | 4008 |
| 14 chrE1.401173C | A | 0.1257 | 3954 |
| 14 chrE1.401839G | A | 0.3285 | 4006 |
| 14 chrE1.402103G | A | 0.3783 | 3992 |
| 14 chrE1.402761G | A | 0.4735 | 4000 |
| 14 chrE1.403046A | G | 0.158 | 3942 |
| 14 chrE1.403389A | G | 0.4252 | 3986 |
| 14 chrE1.403777A | G | 0.4502 | 4000 |
| 14 chrE1.403899A | C | 0.4809 | 3972 |
| 14 chrE1.404590A | G | 0.4927 | 3986 |
| 14 chrE1.404768A | G | 0.03188 | 3890 |
| 14 chrE1.404967C | A | 0.1631 | 3998 |

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| 14 chrE1.405365A | G | 0.1646 | 3968 |
| 14 chrE1.406193G | A | 0.252 | 3984 |
| 14 chrE1.406710A | G | 0.1178 | 4006 |
| 14 chrE1.407005G | A | 0.324 | 3994 |
| 14 chrE1.407705A | C | 0.09006 | 3942 |
| 14 chrE1.408220A | C | 0.4158 | 3598 |
| 14 chrE1.408607A | G | 0.4849 | 3982 |
| 14 chrE1.409198G | A | 0.4711 | 3912 |
| 14 chrE1.409491G | A | 0.4929 | 3942 |
| 14 chrE1.409816 | 0 G | 0 | 4010 |
| 14 chrE1.410433A | G | 0.1632 | 3990 |
| 14 chrE1.410964G | A | 0.0979 | 4004 |
| 14 chrE1.411368A | G | 0.2477 | 3996 |
| 14 chrE1.411972A | G | 0.07093 | 3990 |
| 14 chrE1.412699A | G | 0.4403 | 4002 |
| 14 chrE1.413152A | G | 0.4067 | 3988 |
| 14 chrE1.413434G | A | 0.4255 | 4000 |
| 14 chrE1.414139A | G | 0.2208 | 3990 |
| 14 chrE1.414379G | A | 0.09497 | 3980 |
| 14 chrE1.414823A | G | 0.3367 | 4006 |
| 14 chrE1.415172A | G | 0.2798 | 3978 |
| 14 chrUn.810351A | G | 0.3769 | 3956 |
| 14 chrE1.415696G | A | 0.2784 | 3994 |
| 14 chrE1.416115A | G | 0.2616 | 3998 |
| 14 chrE1.416597A | G | 0.1753 | 3998 |
| 14 chrE1.417092A | G | 0.3398 | 3994 |
| 14 chrE1.417582G | A | 0.2722 | 3942 |
| 14 chrE1.417865A | G | 0.3899 | 3986 |
| 14 chrE1.418479A | G | 0.1013 | 3980 |
| 14 chrE1.418892G | A | 0.458 | 4002 |
| 14 chrE1.419752A | G | 0.2431 | 3998 |
| 14 chrE1.420854G | A | 0.1688 | 4004 |
| 14 chrE1.421018A | C | 0.1109 | 4002 |
| 14 chrE1.421691A | G | 0.04138 | 3842 |
| 14 chrE1.422573C | A | 0.1888 | 3936 |
| 14 chrE1.422845A | G | 0.191 | 3984 |
| 14 chrE1.422851G | A | 0.1926 | 3992 |
| 14 chrE1.423104A | C | 0.4091 | 4006 |
| 14 chrE1.423765A | G | 0.2885 | 3990 |
| 14 chrE1.424361A | G | 0.1296 | 3996 |
| 14 chrE1.424607G | A | 0.001501 | 3998 |

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| 14 chrE1.424886 | G | A | 0.1134 | 3994 |
| 14 chrE1.425360 | A | G | 0.1659 | 3996 |
| 14 chrE1.425732 | G | A | 0.4068 | 4002 |
| 14 chrE1.426235 | A | G | 0.1312 | 3980 |
| 14 chrE1.426836 | C | A | 0.3992 | 4006 |
| 14 chrE1.427094 | A | G | 0.1703 | 4000 |
| 14 chrUn.763317 | G | A | 0.3114 | 3870 |
| 14 chrE1.427876 | A | C | 0.1105 | 3954 |
| 14 chrE1.428324 | C | A | 0.2132 | 3972 |
| 14 chrE1.428562 | G | A | 0.4253 | 3990 |
| 14 chrE1.429221 | A | G | 0.4219 | 3958 |
| 14 chrE1.429728 | C | A | 0.1626 | 3936 |
| 14 chrE1.429812 | A | G | 0.001018 | 3928 |
| 14 chrE1.430004 | A | G | 0.2836 | 3956 |
| 14 chrE1.430243 | C | A | 0.287 | 4000 |
| 14 chrE1.430673 | A | G | 0.1092 | 4002 |
| 14 chrE1.431548 | G | A | 0.1081 | 4004 |
| 14 chrE1.432281 | A | G | 0.1741 | 3992 |
| 14 chrE1.433141 | G | A | 0.1057 | 3992 |
| 14 chrE1.433545 | G | A | 0.1066 | 3998 |
| 14 chrE1.433908 | A | G | 0.38 | 3908 |
| 14 chrE1.434211 | C | A | 0.248 | 3916 |
| 14 chrE1.434667 | C | A | 0.4202 | 3972 |
| 14 chrE1.435076 | A | G | 0.08625 | 4000 |
| 14 chrE1.435376 | A | G | 0.4464 | 3992 |
| 14 chrE1.435646 | A | G | 0.09317 | 3896 |
| 14 chrE1.436071 | A | G | 0.303 | 3990 |
| 14 chrE1.436322 | G | A | 0.4538 | 4008 |
| 14 chrE1.436928 | A | G | 0.3346 | 4002 |
| 14 chrE1.437294 | C | A | 0.4225 | 3962 |
| 14 chrE1.437598 | G | A | 0.1554 | 3970 |
| 14 chrE1.437846 | A | G | 0.1219 | 3946 |
| 14 chrE1.438303 | G | A | 0.1402 | 4008 |
| 14 chrE1.438574 | G | A | 0.4487 | 3994 |
| 14 chrE1.439467 | A | G | 0.2165 | 3944 |
| 14 chrE1.439771 | A | G | 0.3127 | 4000 |
| 14 chrE1.440266 | G | A | 0.4422 | 3838 |
| 14 chrE1.440426 | G | A | 0.4036 | 3982 |
| 14 chrE1.440776 | A | G | 0.3328 | 3960 |
| 14 chrE1.441251 | A | G | 0.2856 | 3918 |
| 14 chrE1.441755 | A | G | 0.1627 | 3996 |

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| 14 chrE1.44226C A | G | 0.1361 | 3998 |
| 14 chrE1.44254E G | A | 0.1973 | 4000 |
| 14 chrE1.44290C A | C | 0.2381 | 3994 |
| 14 chrE1.443647 C | A | 0.01098 | 4006 |
| 14 chrE1.444411 A | G | 0.07413 | 3804 |
| 14 chrE1.444921 G | A | 0.1545 | 3890 |
| 14 chrE1.44521E G | A | 0.06122 | 4002 |
| 14 chrE1.447232 A | G | 0.042 | 4000 |
| 14 chrE1.44759C A | G | 0.02196 | 4008 |
| 14 chrA2.188752 G | A | 0.4536 | 3990 |
| 14 chrA2.187712 G | A | 0.2793 | 3982 |
| 14 chrE1.44862C A | G | 0.1789 | 4002 |
| 14 chrA2.187062 G | A | 0.4762 | 3994 |
| 14 chrE1.448977 A | G | 0.3793 | 3976 |
| 14 chrA2.18647E A | G | 0.274 | 4008 |
| 14 chrE1.44967C A | G | 0.4772 | 3986 |
| 14 chrE1.450151 G | A | 0.359 | 3986 |
| 14 chrE1.450511 A | G | 0.1343 | 4006 |
| 14 chrE1.45151E G | A | 0.4965 | 4002 |
| 14 chrE1.45235E G | A | 0.4583 | 4000 |
| 14 chrE1.452841 A | G | 0.2015 | 3880 |
| 14 chrE1.45325E A | G | 0.1779 | 3996 |
| 14 chrE1.45380E C | A | 0.09192 | 3884 |
| 14 chrE1.45443E A | G | 0.4011 | 3992 |
| 14 chrE1.45484E A | G | 0.114 | 3956 |
| 14 chrE1.455102 G | A | 0.1318 | 3992 |
| 14 chrE1.455452 A | G | 0.08421 | 4002 |
| 14 chrE1.45575E A | C | 0.255 | 3972 |
| 14 chrE1.456932 G | A | 0.1879 | 3986 |
| 14 chrE1.457841 A | G | 0.08988 | 3994 |
| 14 chrE1.45810E A | G | 0.1115 | 3990 |
| 14 chrE1.45849E A | G | 0.4655 | 4004 |
| 14 chrE1.458882 G | A | 0.4407 | 4000 |
| 14 chrE1.461054 G | A | 0.03192 | 3822 |
| 14 chrE1.46263E G | A | 0.4148 | 3874 |
| 14 chrE1.463387 G | A | 0.2247 | 4006 |
| 14 chrE1.46430E A | G | 0.178 | 3954 |
| 14 chrE1.46456E C | A | 0.3801 | 4004 |
| 14 chrE1.46503E G | A | 0.1216 | 4006 |
| 14 chrE1.465292 G | A | 0.1487 | 4008 |
| 14 chrE1.465707 A | G | 0.1683 | 3998 |

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| 14 chrE1.466386C | A | 0.3611 | 4002 |
| 14 chrE1.466793A | G | 0.2374 | 3960 |
| 14 chrE1.467118G | A | 0.4962 | 3998 |
| 14 chrE1.467832G | A | 0.2039 | 3988 |
| 14 chrE1.468096A | G | 0.3165 | 3962 |
| 14 chrE1.468621A | G | 0.1062 | 4002 |
| 14 chrE1.469641C | A | 0.004767 | 3986 |
| 14 chrE1.470041A | G | 0.1336 | 3990 |
| 14 chrE1.470566A | G | 0.1727 | 4000 |
| 14 chrE1.470948G | A | 0.3975 | 3982 |
| 14 chrE1.471343A | G | 0.4892 | 3994 |
| 14 chrE1.471690A | G | 0.1087 | 4002 |
| 14 chrE1.472453G | A | 0.0605 | 4000 |
| 14 chrE1.472986A | G | 0.1436 | 3810 |
| 14 chrE1.473475G | A | 0.3385 | 4000 |
| 14 chrE1.474209A | G | 0.3121 | 3918 |
| 14 chrE1.475107A | G | 0.0574 | 3972 |
| 14 chrE1.476080C | 0 G | 0 | 4010 |
| 14 chrE1.476314C | A | 0.09665 | 4004 |
| 14 chrE1.476949C | A | 0.2447 | 3866 |
| 14 chrE1.477432A | G | 0.4814 | 3932 |
| 14 chrE1.477473A | G | 0.009041 | 3982 |
| 14 chrE1.477913A | G | 0.2717 | 4004 |
| 14 chrE1.478830C | 0 A | 0 | 4006 |
| 14 chrE1.479148G | A | 0.4223 | 3988 |
| 14 chrE1.479398A | G | 0.4648 | 3952 |
| 14 chrE1.479763A | G | 0.05864 | 3786 |
| 14 chrE1.480005G | A | 0.3641 | 3960 |
| 14 chrE1.480753A | G | 0.03916 | 3984 |
| 14 chrE1.481445A | G | 0.2514 | 3978 |
| 14 chrE1.482259A | G | 0.1672 | 3774 |
| 14 chrE1.482754A | G | 0.08901 | 3932 |
| 14 chrE1.483133G | A | 0.4267 | 3916 |
| 14 chrE1.483591G | A | 0.01609 | 3978 |
| 14 chrE1.483911G | A | 0.1141 | 4004 |
| 14 chrE1.484269G | A | 0.0002503 | 3996 |
| 14 chrE1.484531A | G | 0.2696 | 3972 |
| 14 chrE1.484979A | G | 0.0543 | 3996 |
| 14 chrE1.485401G | A | 0.07992 | 4004 |
| 14 chrE1.485642A | G | 0.1479 | 4004 |
| 14 chrE1.485756G | A | 0.1565 | 3988 |

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| 14 chrE1.485942A | G | 0.4815 | 3996 |
| 14 chrE1.486333A | G | 0.3607 | 3942 |
| 14 chrE1.487464G | A | 0.3772 | 3884 |
| 14 chrE1.487781A | G | 0.3783 | 3984 |
| 14 chrE1.488359A | G | 0.3004 | 4004 |
| 14 chrE1.488632A | G | 0.08979 | 3998 |
| 14 chrE1.489000A | G | 0.1442 | 3952 |
| 14 chrE1.489656A | G | 0.2382 | 4000 |
| 14 chrE1.490252G | A | 0.1341 | 4004 |
| 14 chrE1.491280A | G | 0.2034 | 4002 |
| 14 chrE1.491649G | A | 0.1033 | 3988 |
| 14 chrE1.492080A | G | 0.446 | 3980 |
| 14 chrE1.493876A | G | 0.01547 | 4008 |
| 14 chrE1.494502A | G | 0.3704 | 3982 |
| 14 chrE1.494835A | T | 0.08968 | 3914 |
| 14 chrE1.495007G | A | 0.2802 | 4004 |
| 14 chrE1.495700G | A | 0.3813 | 3766 |
| 14 chrE1.496348A | G | 0.2046 | 3998 |
| 14 chrE1.496687A | G | 0.09944 | 3962 |
| 14 chrE1.497772A | G | 0.3756 | 3924 |
| 14 chrE1.498255G | A | 0.2682 | 4004 |
| 14 chrE1.498561A | G | 0.3887 | 4000 |
| 14 chrE1.499104G | A | 0.1812 | 3990 |
| 14 chrE1.499391G | A | 0.006737 | 4008 |
| 14 chrE1.499877A | G | 0.2195 | 3890 |
| 14 chrE1.500594G | A | 0.4728 | 4000 |
| 14 chrE1.501001A | G | 0.184 | 4000 |
| 14 chrE1.501374C | A | 0.1815 | 4006 |
| 14 chrE1.501754G | A | 0.3866 | 4004 |
| 14 chrE1.501938 | 0 A | 0 | 4008 |
| 14 chrE1.502344A | G | 0.2618 | 3862 |
| 14 chrE1.502637C | A | 0.2494 | 3982 |
| 14 chrE1.503583A | C | 0.03255 | 3840 |
| 14 chrE1.503828A | C | 0.2524 | 3898 |
| 14 chrE1.504177A | G | 0.1349 | 4002 |
| 14 chrE1.505112A | C | 0.2717 | 3810 |
| 14 chrE1.506204C | A | 0.4694 | 3890 |
| 14 chrE1.506612C | A | 0.4122 | 3952 |
| 14 chrE1.507126A | G | 0.002993 | 4010 |
| 14 chrE1.507476A | G | 0.1812 | 4000 |
| 14 chrE1.508449G | A | 0.001496 | 4010 |

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| 14 chrE1.509944G | A | 0.07196 | 4002 |
| 14 chrE1.510946C | A | 0.08841 | 4004 |
| 14 chrE1.512062C | A | 0.04167 | 4008 |
| 14 chrE1.512622A | G | 0.2017 | 3982 |
| 14 chrE1.513034A | G | 0.09339 | 3994 |
| 14 chrE1.514258G | A | 0.485 | 3988 |
| 14 chrE1.515159G | A | 0.3522 | 3984 |
| 14 chrE1.515847A | G | 0.2686 | 4006 |
| 14 chrE1.516864G | A | 0.2042 | 3996 |
| 14 chrE1.517194A | G | 0.2448 | 3918 |
| 14 chrE1.517547G | A | 0.07912 | 3956 |
| 14 chrE1.518168G | A | 0.003754 | 3996 |
| 14 chrE1.519133G | A | 0.3516 | 3990 |
| 14 chrE1.519720A | C | 0.1777 | 3894 |
| 14 chrE1.520368A | C | 0.2883 | 3982 |
| 14 chrE1.521742A | G | 0.3228 | 4006 |
| 14 chrE1.522066A | C | 0.3043 | 3986 |
| 14 chrE1.522546G | A | 0.2924 | 4002 |
| 14 chrE1.523015G | A | 0.05525 | 4000 |
| 14 chrE1.524431A | G | 0.01073 | 4006 |
| 14 chrE1.524749A | G | 0.08847 | 3990 |
| 14 chrE1.525064G | A | 0.1563 | 3980 |
| 14 chrE1.525312 | 0 A | 0 | 4006 |
| 14 chrE1.525411C | A | 0.1234 | 3696 |
| 14 chrE1.525891A | G | 0.2927 | 3994 |
| 14 chrE1.526240A | G | 0.0486 | 3992 |
| 14 chrE1.526568 | 0 G | 0 | 4006 |
| 14 chrE1.526629A | G | 0.06543 | 4004 |
| 14 chrE1.527614A | G | 0.2387 | 3988 |
| 14 chrE1.527944G | A | 0.4424 | 3994 |
| 14 chrE1.528330A | C | 0.04611 | 3752 |
| 14 chrE1.528688G | A | 0.1314 | 3964 |
| 14 chrE1.529270A | C | 0.03967 | 4008 |
| 14 chrE1.529948A | C | 0.1825 | 4006 |
| 14 chrUn.427679 | 0 A | 0 | 4008 |
| 14 chrD2.165379A | C | 0.4602 | 3996 |
| 14 chrUn.515639C | A | 0.3322 | 3998 |
| 14 chrE1.530854G | A | 0.1943 | 3998 |
| 14 chrE1.531130A | G | 0.1062 | 4000 |
| 14 chrE1.531926G | A | 0.3936 | 4004 |
| 14 chrE1.532249G | A | 0.4132 | 3996 |

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| 14 chrE1.532618A | G | 0.499 | 3990 |
| 14 chrE1.532862G | A | 0.499 | 3994 |
| 14 chrE1.533233G | A | 0.4974 | 3862 |
| 14 chrE1.533786G | A | 0.494 | 3988 |
| 14 chrE1.534161A | G | 0.4975 | 3972 |
| 14 chrE1.534890A | G | 0.3571 | 3954 |
| 14 chrUn.257494A | G | 0.08055 | 4010 |
| 14 chrE1.535468G | A | 0.4975 | 3994 |
| 14 chrE1.535725G | A | 0.4898 | 4002 |
| 14 chrE1.536042A | G | 0.4929 | 3918 |
| 14 chrE1.536434A | G | 0.1964 | 3976 |
| 14 chrE1.536819A | C | 0.07959 | 4008 |
| 14 chrE1.537358A | G | 0.05012 | 4010 |
| 14 chrE1.537621A | G | 0.2082 | 3972 |
| 14 chrE1.538200A | G | 0.08325 | 3988 |
| 14 chrE1.539050A | G | 0.08091 | 3720 |
| 14 chrE1.540268A | G | 0.1117 | 3994 |
| 14 chrUn.773047G | A | 0.1157 | 4002 |
| 14 chrE1.541175A | G | 0.07883 | 3996 |
| 14 chrE1.541484G | A | 0.1675 | 4000 |
| 14 chrE1.542025A | C | 0.03801 | 3920 |
| 14 chrE1.542417C | A | 0.09173 | 3652 |
| 14 chrE1.543209A | C | 0.4676 | 3950 |
| 14 chrE1.543651A | G | 0.2282 | 3904 |
| 14 chrE1.543949A | G | 0.01999 | 4002 |
| 14 chrE1.544360C | A | 0.4739 | 3990 |
| 14 chrE1.544769A | G | 0.3366 | 3996 |
| 14 chrE1.545966G | A | 0.4094 | 3762 |
| 14 chrE1.546394G | A | 0.453 | 3788 |
| 14 chrE1.546707 | 0 A | 0 | 4008 |
| 14 chrE1.546960C | A | 0.01633 | 3858 |
| 14 chrE1.547259A | G | 0.448 | 3982 |
| 14 chrE1.547548G | A | 0.4733 | 3824 |
| 14 chrE1.548341A | C | 0.13 | 3862 |
| 14 chrE1.549791A | G | 0.4259 | 3966 |
| 14 chrE1.550260G | A | 0.1628 | 4004 |
| 14 chrE1.550529G | A | 0.4419 | 3908 |
| 14 chrE1.550817G | A | 0.3987 | 3998 |
| 14 chrE1.552462A | C | 0.3814 | 3728 |
| 14 chrE1.552861A | G | 0.08083 | 3996 |
| 14 chrE1.553137A | G | 0.3538 | 4002 |

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| 14 chrE1.553682G | A | 0.1298 | 4006 |
| 14 chrE1.554234A | G | 0.1096 | 3914 |
| 14 chrE1.554543G | A | 0.092 | 3826 |
| 14 chrE1.555305G | A | 0.079 | 4000 |
| 14 chrE1.555355A | G | 0.1159 | 4002 |
| 14 chrE1.555978G | A | 0.4061 | 3984 |
| 14 chrE1.556781A | G | 0.262 | 3950 |
| 14 chrE1.557342C | A | 0.0718 | 3858 |
| 14 chrE1.558887A | C | 0.2692 | 3796 |
| 14 chrE1.559267C | A | 0.1106 | 3996 |
| 14 chrE1.559558G | A | 0.06965 | 4006 |
| 14 chrE1.560075A | G | 0.03842 | 3904 |
| 14 chrE1.560367G | A | 0.04566 | 3986 |
| 14 chrE1.560679C | A | 0.1149 | 3752 |
| 14 chrE1.561195A | G | 0.2577 | 3954 |
| 14 chrE1.561493C | A | 0.06262 | 4008 |
| 14 chrE1.561855G | A | 0.141 | 3994 |
| 14 chrE1.562291G | A | 0.1558 | 4006 |
| 14 chrE1.563203A | G | 0.415 | 3954 |
| 14 chrE1.563487G | A | 0.4453 | 4002 |
| 14 chrE1.564424G | A | 0.4146 | 3936 |
| 14 chrE1.564094G | A | 0.1769 | 3996 |
| 14 chrE1.565098G | A | 0.08358 | 3996 |
| 14 chrE1.565551A | C | 0.4267 | 3890 |
| 14 chrE1.565921G | A | 0.0065 | 4000 |
| 14 chrE1.566207A | G | 0.08508 | 4008 |
| 14 chrE1.566522A | G | 0.2749 | 3842 |
| 14 chrE1.566831A | G | 0.08207 | 3826 |
| 14 chrA1.14401C | 0 C | 0 | 4000 |
| 14 chrE1.567385A | G | 0.07035 | 3838 |
| 14 chrE1.568985A | C | 0.3849 | 3746 |
| 14 chrE1.569529A | G | 0.1545 | 4006 |
| 14 chrE1.570116A | C | 0.08894 | 3980 |
| 14 chrE1.570376G | A | 0.2861 | 3988 |
| 14 chrE1.570727G | A | 0.03217 | 4010 |
| 14 chrE1.570997G | A | 0.3153 | 4002 |
| 14 chrE1.571204A | G | 0.1224 | 4002 |
| 14 chrE1.571467A | G | 0.1223 | 4008 |
| 14 chrE1.572610G | A | 0.2948 | 3996 |
| 14 chrE1.572906A | G | 0.1488 | 3998 |
| 14 chrE1.573320G | A | 0.3366 | 4002 |

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| 14 Spec_MPO_F A | G | 0.0009995 | 4002 |
| 14 chrE1.573656 A | G | 0.01074 | 4004 |
| 14 chrE1.574435 G | A | 0.17 | 3912 |
| 14 chrE1.575027 A | G | 0.03194 | 4008 |
| 14 chrE1.575295 A | C | 0.2204 | 3812 |
| 14 chrE1.575694 C | A | 0.464 | 3918 |
| 14 chrE1.576169 A | G | 0.1727 | 4000 |
| 14 chrE1.576410 A | C | 0.4859 | 3982 |
| 14 chrE1.576885 A | C | 0.1729 | 3962 |
| 14 chrE1.577360 A | G | 0.2497 | 3992 |
| 14 chrE1.577971 G | A | 0.326 | 3926 |
| 14 chrE1.578302 G | A | 0.1306 | 3996 |
| 14 chrE1.578714 A | G | 0.0755 | 4000 |
| 14 chrE1.579784 A | G | 0.1296 | 4006 |
| 14 chrE1.580508 G | A | 0.03757 | 3966 |
| 14 chrE1.580821 A | G | 0.04219 | 3982 |
| 14 chrE1.581026 G | A | 0.2871 | 3936 |
| 14 chrE1.581150 G | A | 0.2646 | 4002 |
| 14 chrE1.581450 G | A | 0.2274 | 3984 |
| 14 chrE1.581802 G | A | 0.4032 | 3924 |
| 14 chrE1.582888 C | A | 0.171 | 4000 |
| 14 chrE1.583130 A | G | 0.4345 | 3694 |
| 14 chrE1.583491 A | G | 0.08886 | 3984 |
| 14 chrE1.583804 A | G | 0.1482 | 3934 |
| 14 chrE1.585250 A | G | 0.09027 | 4010 |
| 14 chrE1.585510 A | G | 0.04341 | 4008 |
| 14 chrE1.585884 A | G | 0.2454 | 4006 |
| 14 chrE1.587224 A | G | 0.2022 | 4006 |
| 14 chrE1.587494 A | G | 0.1408 | 3914 |
| 14 chrE1.587937 G | A | 0.08041 | 3992 |
| 14 chrE1.588326 A | G | 0.07446 | 4002 |
| 14 chrE1.588498 A | G | 0.2011 | 3998 |
| 14 chrE1.589012 G | A | 0.2917 | 3990 |
| 14 chrE1.589455 G | A | 0.4143 | 3990 |
| 14 chrE1.589882 A | G | 0.4448 | 3986 |
| 14 chrE1.590418 C | A | 0.4151 | 3980 |
| 14 chrE1.591125 G | A | 0.3152 | 3998 |
| 14 chrE1.592111 A | G | 0.08546 | 4002 |
| 14 chrE1.592358 C | A | 0.03147 | 4004 |
| 14 chrE1.592898 A | G | 0.3774 | 3996 |
| 14 chrE1.593487 A | G | 0.002024 | 3952 |

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| 14 chrE1.593956A | C | 0.4472 | 3974 |
| 14 chrE1.594497G | A | 0.1712 | 4006 |
| 14 chrE1.595013A | G | 0.3242 | 4000 |
| 14 chrE1.595285A | G | 0.05881 | 3758 |
| 14 chrE1.596387G | A | 0.2619 | 4006 |
| 14 chrE1.597171A | G | 0.2834 | 4002 |
| 14 chrE1.598724A | G | 0.07335 | 4008 |
| 14 chrE1.598965A | G | 0.07225 | 4000 |
| 14 chrE1.599621G | A | 0.1689 | 3996 |
| 14 chrE1.599941A | G | 0.004252 | 3998 |
| 14 chrE1.600367A | G | 0.1448 | 3956 |
| 14 chrE1.601286G | A | 0.005503 | 3998 |
| 14 chrE1.600651A | G | 0.02022 | 4006 |
| 14 chrE1.601682A | G | 0.1469 | 4004 |
| 14 chrE1.602053A | G | 0.3182 | 4004 |
| 14 chrE1.603003C | A | 0.167 | 4006 |
| 14 chrE1.603254A | G | 0.07819 | 3952 |
| 14 chrE1.603404G | A | 0.00998 | 4008 |
| 14 chrE1.603675A | G | 0.03372 | 4004 |
| 14 chrE1.603950G | A | 0.04248 | 4002 |
| 14 chrE1.604932G | A | 0.02121 | 4008 |
| 14 chrE1.605351A | G | 0.2996 | 4002 |
| 14 chrE1.606127A | G | 0.1278 | 4006 |
| 14 chrE1.606416A | C | 0.1713 | 3988 |
| 14 chrE1.607042A | C | 0.06717 | 3960 |
| 14 chrE1.607358A | G | 0.05217 | 4006 |
| 14 chrE1.607931A | G | 0.2236 | 4008 |
| 14 chrE1.608221G | A | 0.1308 | 4006 |
| 14 chrE1.608485A | G | 0.01129 | 3898 |
| 14 chrE1.608728G | A | 0.3408 | 3964 |
| 14 chrE1.609230G | A | 0.214 | 3968 |
| 14 chrE1.609607C | A | 0.2399 | 3960 |
| 14 chrE1.609854A | G | 0.403 | 3926 |
| 14 chrE1.610884G | A | 0.271 | 4008 |
| 14 chrE1.611484G | A | 0.03746 | 4004 |
| 14 chrE1.611782A | G | 0.214 | 3986 |
| 14 chrE1.613381A | G | 0.147 | 4008 |
| 14 chrE1.613975A | C | 0.4346 | 3962 |
| 14 chrE1.614019C | A | 0.3227 | 4004 |
| 14 chrE1.614536G | A | 0.08632 | 3962 |
| 14 chrE1.614944A | G | 0.3147 | 3718 |

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| 14 chrE1.615476G | A | 0.2099 | 3964 |
| 14 chrUn.112051G | A | 0.1493 | 3992 |
| 14 chrE1.616455A | G | 0.05798 | 3984 |
| 14 chrE1.616837A | G | 0.2063 | 3966 |
| 14 chrE1.617120A | G | 0.1316 | 4004 |
| 14 chrE1.617688G | A | 0.07418 | 4004 |
| 14 chrE1.618702A | G | 0.3149 | 3998 |
| 14 chrE1.619104A | G | 0.04741 | 4008 |
| 14 chrE1.619419A | G | 0.03159 | 3830 |
| 14 chrE1.619765A | G | 0.2032 | 3918 |
| 14 chrE1.620130A | G | 0.08237 | 3994 |
| 14 chrE1.620555A | G | 0.225 | 3986 |
| 14 chrE1.621317G | A | 0.2096 | 3984 |
| 14 chrE1.621694A | G | 0.4018 | 4000 |
| 14 chrE1.622088A | C | 0.2501 | 3934 |
| 14 chrE1.622533G | A | 0.2489 | 4002 |
| 14 chrUn.217351A | G | 0.2603 | 3968 |
| 14 chrE1.622881G | A | 0.3529 | 3978 |
| 14 chrE1.622914G | A | 0.2857 | 3994 |
| 14 chrE1.623067G | A | 0.01497 | 4008 |
| 14 chrE1.623617A | G | 0.2562 | 4000 |
| 14 chrE1.623965G | A | 0.02844 | 4008 |
| 14 chrE1.624305A | G | 0.3793 | 4002 |
| 14 chrE1.624596G | A | 0.1748 | 3982 |
| 14 chrE1.624897A | G | 0.07168 | 4004 |
| 14 chrE1.625720G | A | 0.2095 | 4004 |
| 14 chrE1.626383G | A | 0.2344 | 3998 |
| 14 chrE1.626686A | G | 0.3262 | 3994 |
| 14 chrE1.627222G | A | 0.3339 | 3956 |
| 14 chrE1.627497A | C | 0.4268 | 3950 |
| 14 chrE1.628596A | G | 0.2453 | 3852 |
| 14 chrE1.628860A | G | 0.2296 | 3994 |
| 14 chrE1.629249A | G | 0.4207 | 3946 |
| 14 chrE1.630135A | C | 0.04319 | 4006 |
| 14 chrE1.630616A | G | 0.2421 | 3936 |
| 14 chrE1.630877A | G | 0.02551 | 3998 |
| 14 chrE1.631193C | A | 0.3737 | 3944 |
| 14 chrE1.631447A | G | 0.2333 | 4000 |
| 14 chrE1.631716G | A | 0.3214 | 3992 |
| 14 chrE1.632229A | G | 0.1815 | 3906 |
| 14 chrE1.632439A | G | 0.001248 | 4008 |

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| 14 chrE1.632624A | G | 0.2983 | 3986 |
| 14 chrUn.33557(A | G | 0.2021 | 4008 |
| 14 chrE1.633067A | G | 0.1023 | 4008 |
| 14 chrE1.633405G | A | 0.4823 | 4006 |
| 14 chrUn.80642(A | G | 0.2771 | 3970 |
| 14 chrE1.633670G | A | 0.3162 | 3988 |
| 14 chrE1.634369A | G | 0.3828 | 3942 |
| 14 chrE1.634789G | A | 0.4955 | 3964 |
| 14 chrE1.635147G | A | 0.286 | 4000 |
| 14 chrE1.636746G | A | 0.3064 | 4004 |
| 14 chrE1.637076G | A | 0.4345 | 3910 |
| 14 chrE1.637700G | A | 0.1997 | 4000 |
| 14 chrE1.637952A | G | 0.2339 | 3994 |
| 14 chrE1.638394C | A | 0.4082 | 3986 |
| 14 chrE1.638932C | A | 0.2927 | 3778 |
| 14 chrE1.639232A | G | 0.2553 | 3980 |
| 14 chrE1.639650G | A | 0.1466 | 3998 |
| 14 chrE1.639849G | A | 0.1661 | 3986 |
| 14 chrE1.639927A | G | 0.09109 | 3996 |
| 14 chrE1.640189A | G | 0.1639 | 4008 |
| 14 chrE1.640620A | G | 0.1178 | 4000 |
| 14 chrE1.640684C | A | 0.1348 | 3998 |
| 14 chrE1.641083A | G | 0.1483 | 4006 |
| 14 chrE1.641545G | A | 0.06908 | 4010 |
| 14 chrE1.641805A | G | 0.06643 | 4004 |
| 14 chrE1.642104A | G | 0.4685 | 3996 |
| 14 chrE1.642386C | A | 0.138 | 3950 |
| 14 chrE1.642754A | G | 0.2366 | 3990 |
| 14 chrE1.643085A | G | 0.02671 | 4006 |
| 14 chrE1.643490A | G | 0.144 | 4006 |
| 14 chrE1.643778A | G | 0.2486 | 3982 |
| 14 chrE1.643985G | A | 0.3074 | 4008 |
| 14 chrE1.644440G | A | 0.4162 | 3998 |
| 14 chrE1.644837G | A | 0.02485 | 3904 |
| 14 chrE1.645255G | A | 0.4235 | 4002 |
| 14 chrE1.645571A | G | 0.174 | 4006 |
| 14 chrE1.646400A | G | 0.2122 | 4006 |
| 14 chrE1.646768A | G | 0.1905 | 3974 |
| 14 chrE1.647677A | G | 0.1991 | 4004 |
| 14 chrE1.647916G | A | 0.4077 | 3944 |
| 14 chrE1.648800G | A | 0.1456 | 4004 |

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| 14 chrE1.650086A | C | 0.3753 | 3896 |
| 14 chrE1.650660G | A | 0.4296 | 4004 |
| 14 chrE1.650936A | C | 0.06708 | 4010 |
| 14 chrE1.651263A | G | 0.008513 | 3994 |
| 14 chrE1.651324A | G | 0.2041 | 4008 |
| 14 chrE1.651951A | G | 0.09274 | 3968 |
| 14 chrUn.186580G | A | 0.4795 | 3998 |
| 14 chrE1.653068A | G | 0.1459 | 3982 |
| 14 chrE1.653371G | A | 0.3304 | 3932 |
| 14 chrE1.654064G | A | 0.1035 | 4008 |
| 14 chrE1.654610G | A | 0.493 | 3994 |
| 14 chrE1.654981A | C | 0.3032 | 4004 |
| 14 chrE1.655476G | A | 0.1328 | 3962 |
| 14 chrE1.656029A | G | 0.3945 | 3888 |
| 14 chrE1.656380A | G | 0.2608 | 3938 |
| 14 chrE1.656811G | A | 0.4498 | 4002 |
| 14 chrE1.657283G | A | 0.3113 | 3942 |
| 14 chrE1.657667G | A | 0.07371 | 4002 |
| 14 chrE1.658010C | A | 0.4155 | 4010 |
| 14 chrE1.658252C | A | 0.474 | 4002 |
| 14 chrE1.658515G | A | 0.4553 | 3958 |
| 14 chrE1.659004G | A | 0.4538 | 3980 |
| 14 chrE1.659567A | G | 0.3265 | 3976 |
| 14 chrE1.660330C | A | 0.2007 | 3982 |
| 14 chrE1.660723A | G | 0.3523 | 4002 |
| 14 chrE1.661066A | C | 0.4255 | 3918 |
| 14 chrE1.661349A | G | 0.1613 | 3974 |
| 14 chrUn.539741A | G | 0.2341 | 3968 |
| 14 chrE1.662286G | A | 0.2744 | 4002 |
| 14 chrE1.663166A | G | 0.4897 | 3986 |
| 14 chrE1.663409A | G | 0.4164 | 4006 |
| 14 chrE1.663491A | G | 0.3265 | 3930 |
| 14 chrE1.664060A | C | 0.3068 | 3970 |
| 14 chrE1.664411G | A | 0.05108 | 3994 |
| 14 chrE1.664505G | A | 0.00699 | 4006 |
| 14 chrE1.664777A | G | 0.006986 | 4008 |
| 14 chrE1.665098A | G | 0.4548 | 4006 |
| 14 chrE1.665605A | G | 0.4453 | 3910 |
| 14 chrE1.665888A | G | 0.1519 | 3850 |
| 14 chrE1.666462A | C | 0.3906 | 4002 |
| 14 chrE1.666771A | G | 0.4532 | 3974 |

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| 14 chrE1.667057G | A | 0.1425 | 4000 |
| 14 chrE1.667724A | G | 0.2535 | 3984 |
| 14 chrE1.668027A | G | 0.03701 | 3972 |
| 14 chrE1.668425A | G | 0.1838 | 3994 |
| 14 chrE1.668678A | G | 0.4493 | 3984 |
| 14 chrE1.669087A | G | 0.1592 | 3988 |
| 14 chrE1.669338C | A | 0.452 | 4000 |
| 14 chrE1.670039A | G | 0.2653 | 3992 |
| 14 chrE1.670784A | G | 0.3062 | 3994 |
| 14 chrE1.671769A | G | 0.02173 | 4004 |
| 14 chrE1.671821A | G | 0.1326 | 3998 |
| 14 chrE1.673327A | G | 0.3459 | 3958 |
| 14 chrE1.674029A | G | 0.1913 | 4000 |
| 14 chrE1.677087G | A | 0.1859 | 4002 |
| 14 chrE2.526524C | A | 0.0993 | 4008 |
| 14 chrE1.680126A | G | 0.1722 | 3996 |
| 14 chrE1.680558A | G | 0.4203 | 3990 |
| 14 chrE1.680839A | C | 0.2535 | 3902 |
| 14 chrE1.681895G | A | 0.0947 | 4002 |
| 14 chrE1.682580G | A | 0.1439 | 3872 |
| 14 chrE1.682897A | G | 0.1853 | 4000 |
| 14 chrE1.684212G | A | 0.009227 | 4010 |
| 14 chrE1.687011C | A | 0.4647 | 3962 |
| 14 chrE1.687861A | G | 0.3149 | 4004 |
| 14 chrE1.688830A | G | 0.05013 | 3990 |
| 14 chrE1.689224A | G | 0.1393 | 3984 |
| 14 chrE1.690795A | G | 0.2751 | 3992 |
| 14 chrE1.691699A | G | 0.04658 | 3972 |
| 14 chrE1.692470A | G | 0.2727 | 3994 |
| 14 chrE1.694460A | G | 0.4301 | 4008 |
| 14 chrE1.694462C | A | 0.1756 | 4004 |
| 14 chrE1.694891G | A | 0.01899 | 4002 |
| 14 chrE1.695991A | G | 0.2511 | 3994 |
| 14 chrE1.696300A | G | 0.1439 | 3990 |
| 14 chrE1.697062A | G | 0.2222 | 3992 |
| 14 chrE1.697439A | G | 0.1921 | 3878 |
| 14 chrE1.697743A | G | 0.09615 | 4004 |
| 14 chrE1.698402A | G | 0.2396 | 4006 |
| 14 chrE1.699139A | G | 0.2509 | 3990 |
| 14 chrE1.699501A | G | 0.3512 | 3998 |
| 14 chrE1.699762A | G | 0.1877 | 4006 |

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| 14 chrE1.70032C A | G | 0.3094 | 3992 |
| 14 chrE1.700677 A | C | 0.1182 | 3992 |
| 14 chrE1.701285 A | G | 0.1231 | 4006 |
| 14 chrE1.701827 A | G | 0.05739 | 4008 |
| 14 chrE1.70208C A | G | 0.1706 | 3980 |
| 14 chrE1.70243C C | A | 0.4851 | 3968 |
| 14 chrE1.702464 G | A | 0.4023 | 4002 |
| 14 chrE1.702946 A | G | 0.005542 | 3970 |
| 14 chrE1.703699 A | G | 0.0492 | 4004 |
| 14 chrE1.704226 G | A | 0.2673 | 3984 |
| 14 chrE1.704703 A | G | 0.4792 | 3992 |
| 14 chrE1.705028 A | G | 0.2259 | 3998 |
| 14 chrE1.70551C G | A | 0.08381 | 3818 |
| 14 chrE1.705766 A | G | 0.1386 | 3990 |
| 14 chrE1.706211 A | G | 0.2834 | 3988 |
| 14 chrE1.706485 G | A | 0.1416 | 3982 |
| 14 chrE1.707113 G | A | 0.2046 | 3886 |
| 14 chrE1.707394 G | A | 0.4666 | 3984 |
| 14 chrE1.70764C A | G | 0.446 | 3966 |
| 14 chrE1.707882 G | A | 0.1216 | 4006 |
| 14 chrE1.70836C G | A | 0.1881 | 3998 |
| 14 chrE1.708645 A | G | 0.2824 | 3998 |
| 14 chrE1.708997 A | G | 0.0646 | 3994 |
| 14 chrE1.709257 A | C | 0.2162 | 3974 |
| 14 chrE1.71014C A | G | 0.009958 | 3816 |
| 14 chrE1.710665 G | A | 0.2354 | 4002 |
| 14 chrE1.710992 C | A | 0.4103 | 3934 |
| 14 chrE1.71132C A | C | 0.02771 | 4006 |
| 14 chrE1.711697 A | C | 0.1338 | 4006 |
| 14 chrE1.712345 | 0 A | 0 | 4010 |
| 14 chrE1.712478 A | G | 0.1658 | 4004 |
| 14 chrE1.71277C A | G | 0.3455 | 4000 |
| 14 chrE1.713534 G | A | 0.3597 | 3984 |
| 14 chrE1.714012 A | G | 0.003743 | 4008 |
| 14 chrE1.714039 A | G | 0.2906 | 3992 |
| 14 chrE1.714575 A | G | 0.4754 | 3950 |
| 14 chrE1.715215 G | A | 0.2838 | 3982 |
| 14 chrE1.715952 A | G | 0.1102 | 4002 |
| 14 chrE1.716334 G | A | 0.4068 | 3970 |
| 14 chrE1.716657 G | A | 0.1885 | 4006 |
| 14 chrE1.717169 G | A | 0.04266 | 4008 |

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| 14 chrE1.717596A | C | 0.2843 | 4006 |
| 14 chrE1.717866A | G | 0.1237 | 4010 |
| 14 chrE1.718844A | C | 0.1925 | 3984 |
| 14 chrE1.719175G | A | 0.3042 | 4004 |
| 14 chrE1.719484A | G | 0.3295 | 3958 |
| 14 chrE1.719802G | A | 0.4868 | 4000 |
| 14 chrE1.720095G | A | 0.2087 | 3996 |
| 14 chrE1.720416G | A | 0.2037 | 3986 |
| 14 chrE1.720825 | 0 G | 0 | 4006 |
| 14 chrE1.721025G | A | 0.2562 | 4000 |
| 14 chrE1.721642G | A | 0.4134 | 4006 |
| 14 chrUn.43381A | G | 0.1979 | 4002 |
| 14 chrE1.722111A | G | 0.4645 | 4002 |
| 14 chrE1.722522A | G | 0.2464 | 3998 |
| 14 chrE1.723207A | G | 0.1261 | 3996 |
| 14 chrE1.723486G | A | 0.1939 | 3992 |
| 14 chrE1.723805A | G | 0.05422 | 3984 |
| 14 chrE1.723890G | A | 0.2411 | 3940 |
| 14 chrE1.724298G | A | 0.2053 | 3990 |
| 14 chrE1.724873A | G | 0.06682 | 3846 |
| 14 chrE1.725270A | G | 0.07421 | 4002 |
| 14 chrE1.726069C | A | 0.2346 | 3998 |
| 14 chrE1.726781A | C | 0.0002575 | 3884 |
| 14 chrE1.727096G | A | 0.1071 | 3978 |
| 14 chrE1.727427G | A | 0.2509 | 4006 |
| 14 chrE1.727664A | C | 0.1711 | 3992 |
| 14 chrE1.728054A | G | 0.4432 | 3982 |
| 14 chrE1.728473A | G | 0.1845 | 4006 |
| 14 chrE1.728771A | G | 0.03967 | 4008 |
| 14 chrE1.729326A | G | 0.3403 | 4008 |
| 14 chrE1.729650A | G | 0.3899 | 3998 |
| 14 chrE1.730283A | G | 0.1482 | 3994 |
| 14 chrE1.730546A | G | 0.4293 | 3986 |
| 14 chrE1.731078A | G | 0.1705 | 3976 |
| 14 chrE1.731339A | G | 0.2798 | 3996 |
| 14 chrE1.732326A | C | 0.2108 | 3994 |
| 14 chrE1.732729A | C | 0.05255 | 3730 |
| 14 chrE1.732979A | G | 0.2011 | 3958 |
| 14 chrE1.733272G | A | 0.03769 | 4006 |
| 14 chrE1.733579A | C | 0.2962 | 3990 |
| 14 chrE1.733861G | A | 0.235 | 3996 |

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| 14 chrE1.734544G | A | 0.1199 | 4002 |
| 14 chrE1.734879A | G | 0.03523 | 4002 |
| 14 chrE1.735245A | G | 0.3393 | 3994 |
| 14 chrE1.735857A | G | 0.2046 | 3998 |
| 14 chrE1.736584A | G | 0.1268 | 3998 |
| 14 chrE1.737374C | A | 0.3484 | 3904 |
| 14 chrE1.737827A | G | 0.07189 | 4006 |
| 14 chrE1.737840G | A | 0.0004988 | 4010 |
| 14 chrE1.738316A | G | 0.1003 | 3618 |
| 14 chrE1.738681A | C | 0.1255 | 3992 |
| 14 chrE1.739003A | G | 0.02246 | 4008 |
| 14 chrE1.739291C | A | 0.1972 | 3884 |
| 14 chrE1.739715G | A | 0.06415 | 4006 |
| 14 chrE1.739981A | G | 0.2034 | 4002 |
| 14 chrE1.740987G | A | 0.05947 | 4002 |
| 14 chrE1.741249G | A | 0.05273 | 3926 |
| 14 chrE1.741881A | G | 0.3905 | 4000 |
| 14 chrE1.742561G | A | 0.3541 | 4004 |
| 14 chrE1.743050A | C | 0.04898 | 3920 |
| 14 chrE1.743332G | A | 0.2435 | 4004 |
| 14 chrE1.743692A | G | 0.07118 | 4004 |
| 14 chrE1.744063G | A | 0.01283 | 3820 |
| 14 chrE1.744138A | G | 0.1531 | 4004 |
| 14 chrE1.744645A | G | 0.1466 | 3990 |
| 14 chrE1.744782A | G | 0.03691 | 4010 |
| 14 chrE1.745074G | A | 0.2926 | 3998 |
| 14 chrE1.745316A | G | 0.2532 | 3890 |
| 14 chrE1.745638A | G | 0.04695 | 4004 |
| 14 chrE1.746406A | G | 0.1868 | 3998 |
| 14 chrE1.747662A | C | 0.2257 | 3966 |
| 14 chrE1.748117G | A | 0.4578 | 4002 |
| 14 chrE1.748747G | A | 0.2244 | 3998 |
| 14 chrE1.749240A | G | 0.2029 | 4002 |
| 14 chrE1.749580A | G | 0.4382 | 4000 |
| 14 chrE1.750214C | A | 0.4169 | 3972 |
| 14 chrE1.751043A | G | 0.09805 | 4008 |
| 14 chrE1.751323A | G | 0.1621 | 3992 |
| 14 chrE1.751918G | A | 0.03194 | 3882 |
| 14 chrE1.752262A | G | 0.06593 | 4004 |
| 14 chrE1.752737A | C | 0.411 | 4002 |
| 14 chrE1.753304G | A | 0.115 | 4000 |

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| 14 chrE1.754038G | A | 0.4644 | 3990 |
| 14 chrE1.755151A | G | 0.104 | 3990 |
| 14 chrE1.755972A | C | 0.04915 | 3886 |
| 14 chrE1.756506G | A | 0.1736 | 3998 |
| 14 chrE1.758423A | C | 0.2611 | 4002 |
| 14 chrUn9.6760A | G | 0.2968 | 4006 |
| 14 chrUn9.6718A | G | 0.297 | 3970 |
| 14 chrUn9.6395A | G | 0.4218 | 3990 |
| 14 chrUn9.6302A | G | 0.1738 | 4004 |
| 14 chrUn9.6210G | A | 0.471 | 4002 |
| 14 chrUn9.6166A | G | 0.4267 | 3792 |
| 14 chrUn9.6126A | G | 0.2188 | 4000 |
| 14 chrUn9.5973G | A | 0.324 | 4006 |
| 14 chrUn9.5899A | G | 0.05866 | 4006 |
| 14 chrUn9.5872A | G | 0.4194 | 3834 |
| 14 chrUn9.5754G | A | 0.2899 | 3994 |
| 14 chrUn9.5728G | A | 0.2401 | 4002 |
| 14 chrUn9.5698A | G | 0.3427 | 3992 |
| 14 chrUn9.5655G | A | 0.02509 | 3986 |
| 14 chrUn9.5585G | A | 0.3889 | 3998 |
| 14 chrUn9.5528A | C | 0.4655 | 3996 |
| 14 chrUn9.5487A | G | 0.1737 | 4008 |
| 14 chrUn.65914A | G | 0.3175 | 3962 |
| 14 chrUn9.5479A | G | 0.2456 | 3990 |
| 14 chrUn9.5413A | G | 0.3314 | 3998 |
| 14 chrUn9.5147A | G | 0.1208 | 4000 |
| 14 chrUn9.5015A | G | 0.2456 | 3994 |
| 14 chrUn9.4988G | A | 0.4262 | 3998 |
| 14 chrUn9.4964A | C | 0.1692 | 4006 |
| 14 chrUn9.4925A | G | 0.3756 | 4004 |
| 14 chrUn9.4800A | G | 0.09216 | 4004 |
| 14 chrUn9.4772A | G | 0.1475 | 3994 |
| 14 chrUn9.4729A | G | 0.07364 | 4006 |
| 14 chrUn9.4676A | C | 0.2601 | 3960 |
| 14 chrUn9.4644A | G | 0.07813 | 4006 |
| 14 chrUn9.4574A | G | 0.2591 | 3910 |
| 14 chrUn9.4546G | A | 0.3953 | 3946 |
| 14 chrUn9.4507A | G | 0.07884 | 4008 |
| 14 chrUn9.4452G | A | 0.3033 | 3986 |
| 14 chrUn9.4415G | A | 0.2119 | 4002 |
| 14 chrUn9.4381A | G | 0.03047 | 4004 |

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|-----------------|---|-----|----------|------|
| 14 chrUn9.43014 | G | A | 0.4338 | 3990 |
| 14 chrUn9.42754 | G | A | 0.1081 | 4006 |
| 14 chrUn9.42424 | G | A | 0.4063 | 4004 |
| 14 chrUn9.42144 | A | G | 0.05085 | 3894 |
| 14 chrUn9.41574 | A | G | 0.2495 | 3976 |
| 14 chrUn9.41274 | A | G | 0.09025 | 4000 |
| 14 chrUn9.40594 | G | A | 0.4527 | 3956 |
| 14 chrUn9.40324 | A | G | 0.04409 | 3788 |
| 14 chrUn9.39584 | G | A | 0.3821 | 3978 |
| 14 chrUn9.39324 | A | G | 0.3409 | 3984 |
| 14 chrUn9.38014 | A | 0 G | 0 | 4008 |
| 14 chrUn9.36224 | A | G | 0.2936 | 3998 |
| 14 chrUn9.35544 | G | A | 0.1274 | 3814 |
| 14 chrUn9.34074 | A | G | 0.03181 | 3804 |
| 14 chrUn9.33734 | A | G | 0.3637 | 3998 |
| 14 chrUn9.33464 | G | A | 0.1431 | 4004 |
| 14 chrUn9.57814 | A | G | 0.4992 | 3986 |
| 14 chrUn9.57884 | G | A | 0.002501 | 3998 |
| 14 chrUn9.58284 | C | A | 0.3441 | 3886 |
| 14 chrUn9.59384 | G | A | 0.3152 | 4000 |
| 14 chrUn9.60074 | G | A | 0.3653 | 3832 |
| 14 chrUn9.60464 | A | G | 0.05317 | 4006 |
| 14 chrUn9.60864 | C | A | 0.0771 | 4008 |
| 14 chrUn9.62654 | A | C | 0.1774 | 4002 |
| 14 chrUn9.63284 | G | A | 0.3811 | 3994 |
| 14 chrUn9.64334 | G | A | 0.2435 | 3992 |
| 14 chrUn9.65224 | A | C | 0.299 | 4000 |
| 14 chrUn9.65734 | A | G | 0.1851 | 4004 |
| 14 chrUn9.67964 | G | A | 0.1681 | 4004 |
| 14 chrUn9.68774 | A | G | 0.04594 | 3940 |
| 14 chrUn9.70554 | G | A | 0.1445 | 4008 |
| 14 chrUn9.71074 | A | G | 0.4678 | 4006 |
| 14 chrUn9.71674 | G | A | 0.2911 | 3810 |
| 14 chrUn9.72034 | A | C | 0.387 | 3982 |
| 14 chrUn9.72474 | C | A | 0.04175 | 3976 |
| 14 chrUn9.72714 | A | G | 0.427 | 3984 |
| 14 chrUn9.72784 | A | G | 0.04652 | 3998 |
| 14 chrUn9.73004 | A | C | 0.262 | 3988 |
| 14 chrUn9.73274 | A | G | 0.00228 | 3948 |
| 14 chrUn9.74204 | A | G | 0.1358 | 3998 |
| 14 chrUn9.74494 | G | A | 0.4936 | 3932 |

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|----------------|---|---|---------|------|
| 14 chrUn9.7505 | A | G | 0.2651 | 3916 |
| 14 chrUn9.7545 | C | A | 0.245 | 3996 |
| 14 chrUn9.7581 | C | A | 0.1905 | 4000 |
| 14 chrUn9.7619 | C | A | 0.1518 | 3986 |
| 14 chrUn9.7677 | C | A | 0.3964 | 3998 |
| 14 chrUn9.7703 | C | A | 0.2236 | 3998 |
| 14 chrUn9.7734 | C | A | 0.3108 | 3970 |
| 14 chrUn9.7764 | C | A | 0.4843 | 4006 |
| 14 chrUn9.7848 | C | A | 0.1448 | 3840 |
| 14 chrUn9.7875 | C | G | 0.3399 | 3986 |
| 14 chrUn9.7909 | C | A | 0.3404 | 3990 |
| 14 chrUn9.7949 | C | G | 0.02344 | 4010 |
| 14 chrUn9.8006 | C | C | 0.3754 | 4004 |
| 14 chrUn9.8051 | C | G | 0.1412 | 3908 |
| 14 chrUn9.8086 | C | A | 0.0973 | 3998 |
| 14 chrUn9.8147 | C | G | 0.3437 | 3986 |
| 14 chrUn9.8205 | C | G | 0.1188 | 3998 |
| 14 chrUn9.8284 | C | A | 0.1036 | 3930 |
| 14 chrUn9.8285 | C | A | 0.01622 | 4008 |
| 14 chrUn9.8340 | C | G | 0.16 | 4000 |
| 14 chrUn9.8372 | C | G | 0.2405 | 3954 |
| 14 chrUn9.8400 | C | A | 0.4985 | 3938 |
| 14 chrUn9.8498 | C | G | 0.4069 | 3986 |
| 14 chrUn9.8543 | C | G | 0.3263 | 4002 |
| 14 chrUn9.8642 | C | A | 0.2041 | 4002 |
| 14 chrUn9.8683 | C | G | 0.4882 | 3984 |
| 14 chrUn9.8727 | C | A | 0.2776 | 3992 |
| 14 chrUn9.8772 | C | A | 0.2275 | 3974 |
| 14 chrUn9.8809 | C | G | 0.2879 | 3998 |
| 14 chrUn9.8852 | C | A | 0.4473 | 4000 |
| 14 chrUn9.8900 | C | G | 0.1948 | 4004 |
| 14 chrUn9.8992 | C | G | 0.2953 | 3992 |
| 14 chrUn9.9025 | C | G | 0.3899 | 4004 |
| 14 chrUn9.9049 | C | G | 0.4449 | 3994 |
| 14 chrUn9.9117 | C | G | 0.0793 | 4010 |
| 14 chrUn9.9120 | C | G | 0.4049 | 4006 |
| 14 chrUn9.9179 | C | C | 0.0547 | 4004 |
| 14 chrUn9.9204 | C | G | 0.1986 | 3988 |
| 14 chrUn9.9284 | C | G | 0.4282 | 3996 |
| 14 chrUn9.9309 | C | A | 0.4855 | 3938 |
| 14 chrUn9.9337 | C | A | 0.01248 | 4006 |

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| 14 chrUn9.94057A | G | 0.4251 | 3992 |
| 14 chrUn9.94587G | A | 0.2526 | 3998 |
| 14 chrUn9.94877A | G | 0.266 | 3992 |
| 14 chrUn9.95127A | G | 0.3734 | 3982 |
| 14 chrUn9.95417G | A | 0.3792 | 3998 |
| 14 chrUn9.96087A | G | 0.2155 | 4000 |
| 14 chrUn9.96837A | G | 0.3302 | 3988 |
| 14 chrUn9.97257A | G | 0.3661 | 3982 |
| 14 chrUn9.97877G | A | 0.4952 | 4000 |
| 14 chrUn9.97967G | A | 0.3526 | 3922 |
| 14 chrUn9.98277A | G | 0.2124 | 4002 |
| 14 chrD1.806847A | G | 0.1386 | 3960 |
| 14 chrUn9.99167G | A | 0.2644 | 3990 |
| 14 chrUn9.10027A | G | 0.139 | 4006 |
| 14 chrUn9.10047G | A | 0.1201 | 3922 |
| 14 chrUn9.10127A | G | 0.3172 | 3988 |
| 14 chrUn9.10167G | A | 0.3556 | 3886 |
| 14 chrUn9.10187A | C | 0.1837 | 4006 |
| 14 chrUn9.10227A | G | 0.0675 | 4000 |
| 14 chrUn9.10247G | A | 0.3258 | 3978 |
| 14 chrUn9.10297A | G | 0.3606 | 4004 |
| 14 chrUn9.10357A | C | 0.3777 | 3916 |
| 14 chrUn9.10397G | A | 0.143 | 3798 |
| 14 chrUn9.10417A | G | 0.1228 | 4000 |
| 14 chrUn9.10477G | A | 0.3487 | 3940 |
| 14 chrUn9.10527G | A | 0.07808 | 3996 |
| 14 chrF2.484720G | A | 0.3238 | 3972 |
| 14 chrUn9.10617A | G | 0.2642 | 3868 |
| 14 chrUn9.10667G | A | 0.226 | 3992 |
| 14 chrUn9.10707A | G | 0.2512 | 4000 |
| 14 chrUn9.10757G | A | 0.1279 | 3980 |
| 14 chrUn9.10877A | G | 0.4862 | 3984 |
| 14 chrUn9.10987A | G | 0.2797 | 4004 |
| 14 chrUn9.11067A | G | 0.1161 | 4006 |
| 14 chrUn9.11137A | G | 0.03616 | 4010 |
| 14 chrUn9.11187A | G | 0.1254 | 3996 |
| 14 chrUn9.11247A | G | 0.2356 | 3990 |
| 14 chrUn9.11247A | C | 0.1365 | 3994 |
| 14 chrUn.599297A | C | 0.1363 | 4006 |
| 14 chrUn9.11357G | A | 0.1578 | 4004 |
| 14 chrUn9.11217G | A | 0.1312 | 3994 |

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|-----------------|---|-----|----------|------|
| 14 chrUn9.1141 | G | A | 0.02595 | 4008 |
| 14 chrUn9.1697 | G | A | 0.1926 | 3998 |
| 14 chrUn.51518 | C | A | 0.3804 | 3972 |
| 14 chrUn9.1597 | A | G | 0.1926 | 3978 |
| 14 chrUn9.1526 | G | A | 0.2065 | 3996 |
| 14 chrUn9.1523 | G | 0 A | 0 | 4010 |
| 14 chrUn9.1445 | A | G | 0.09132 | 4008 |
| 14 chrUn9.1389 | A | G | 0.1287 | 3994 |
| 14 chrUn9.1355 | A | G | 0.4588 | 3790 |
| 14 chrUn9.1145 | C | A | 0.413 | 3990 |
| 14 chrUn9.1274 | A | G | 0.07206 | 3830 |
| 14 chrUn9.1242 | A | G | 0.1865 | 3892 |
| 14 chrE1.124391 | G | A | 0.2861 | 4002 |
| 14 chrUn9.1149 | G | A | 0.006272 | 3986 |
| 14 chrUn9.1154 | G | A | 0.3579 | 3942 |
| 14 chrE1.79355 | C | A | 0.3278 | 4002 |
| 14 chrE1.79352 | C | A | 0.001247 | 4010 |
| 14 chrE1.79262 | G | A | 0.2793 | 3992 |
| 14 chrE1.792271 | A | G | 0.441 | 4000 |
| 14 chrE1.79152 | C | A | 0.2191 | 4002 |
| 14 chrE1.791225 | A | G | 0.4917 | 3982 |
| 14 chrE1.790823 | A | G | 0.1515 | 4006 |
| 14 chrE1.790235 | A | G | 0.01697 | 4006 |
| 14 chrE1.788552 | A | G | 0.1503 | 3992 |
| 14 chrE1.788283 | G | A | 0.1241 | 4006 |
| 14 chrE1.788036 | G | A | 0.1063 | 3998 |
| 14 chrE1.787701 | C | A | 0.441 | 3998 |
| 14 chrE1.786998 | G | A | 0.09398 | 3990 |
| 14 chrE1.786626 | A | C | 0.01224 | 4002 |
| 14 chrE1.785915 | A | G | 0.4827 | 3988 |
| 14 chrUn22.421 | C | A | 0.3372 | 3992 |
| 14 chrUn.20446 | A | G | 0.4878 | 3938 |
| 14 chrE1.784895 | A | G | 0.2024 | 4002 |
| 14 chrE1.784168 | G | A | 0.2205 | 3960 |
| 14 chrE1.783898 | G | A | 0.0812 | 3990 |
| 14 chrE1.783627 | G | A | 0.1616 | 3974 |
| 14 chrE1.783351 | A | G | 0.02574 | 4002 |
| 14 chrE1.782924 | A | G | 0.06369 | 4004 |
| 14 chrE1.78246 | C | A | 0.1228 | 4000 |
| 14 chrE1.782162 | G | A | 0.2361 | 3990 |
| 14 chrUn1.1909 | A | C | 0.1498 | 4006 |

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| 14 chrE1.781588C | A | 0.1442 | 4008 |
| 14 chrUn1.19126A | G | 0.2615 | 3996 |
| 14 chrE1.781177C | A | 0.09297 | 3926 |
| 14 chrE1.780664G | A | 0.005888 | 3906 |
| 14 chrE1.780623C | A | 0.2973 | 3888 |
| 14 chrUn1.19306A | G | 0.0312 | 4006 |
| 14 chrUn9.17268C | A | 0.2699 | 3998 |
| 14 chrUn9.17996G | A | 0.3342 | 4004 |
| 14 chrUn9.18667A | G | 0.1897 | 4000 |
| 14 chrE1.778575A | G | 0.1463 | 3978 |
| 14 chrE1.778183A | G | 0.1171 | 3996 |
| 14 chrE1.778027C | A | 0.4908 | 4000 |
| 14 chrE1.777625G | A | 0.4829 | 3984 |
| 14 chrUn9.20538G | A | 0.2164 | 3992 |
| 14 chrE1.777375A | G | 0.2964 | 4008 |
| 14 chrUn9.22257C | A | 0.2919 | 3998 |
| 14 chrUn9.22568C | A | 0.484 | 4002 |
| 14 chrUn9.23196G | A | 0.2841 | 3998 |
| 14 chrUn9.23496A | C | 0.2496 | 4002 |
| 14 chrUn9.23767A | G | 0.2012 | 3996 |
| 14 chrUn9.24247G | A | 0.1286 | 3880 |
| 14 chrUn9.24717A | G | 0.1407 | 4000 |
| 14 chrUn9.24967A | C | 0.2626 | 3998 |
| 14 chrUn9.25518A | C | 0.3023 | 4002 |
| 14 chrUn9.25857A | G | 0.0547 | 4004 |
| 14 chrUn9.26368G | A | 0.2502 | 4004 |
| 14 chrUn9.26838C | A | 0.139 | 4006 |
| 14 chrUn9.27248G | A | 0.3658 | 3964 |
| 14 chrUn9.27567G | A | 0.4749 | 3986 |
| 14 chrUn9.28588A | G | 0.2661 | 3998 |
| 14 chrUn9.28848G | A | 0.1297 | 4002 |
| 14 chrUn9.29938A | G | 0.05038 | 3990 |
| 14 chrUn9.30378A | G | 0.1054 | 4002 |
| 14 chrUn9.30688A | G | 0.1508 | 3998 |
| 14 chrUn9.31238C | A | 0.2011 | 4002 |
| 14 chrUn9.32268G | A | 0.2536 | 4006 |
| 14 chrUn9.32908G | A | 0.4278 | 4004 |
| 14 chrUn9.33368A | G | 0.2662 | 4000 |
| 14 chrUn9.34608A | G | 0.2023 | 4008 |
| 14 chrUn9.35098A | G | 0.04294 | 4006 |
| 14 chrUn9.35948G | A | 0.2889 | 4002 |

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| 14 chrUn9.3679(A | C | 0.1266 | 3948 |
| 14 chrUn9.3725(A | G | 0.1499 | 4004 |
| 14 chrUn9.3759(A | G | 0.4589 | 3988 |
| 14 chrUn9.3789(A | C | 0.248 | 4004 |
| 14 chrUn9.3844(A | G | 0.2615 | 3984 |
| 14 chrUn9.3877(A | G | 0.4228 | 3990 |
| 14 chrUn9.3953(G | A | 0.3435 | 3968 |
| 14 chrE1.12441(A | G | 0.447 | 4000 |
| 14 chrE1.124465 | 0 A | 0 | 4010 |
| 14 chrE1.12450(A | A | 0.481 | 3996 |
| 14 chrE1.124537A | G | 0.4642 | 3970 |
| 14 chrE1.124603G | A | 0.07196 | 4002 |
| 14 chrE1.12465(A | G | 0.4352 | 3980 |
| 14 chrE1.12468(A | A | 0.2396 | 3940 |
| 14 chrE1.12471(A | A | 0.1587 | 4002 |
| 14 chrE1.124754G | A | 0.4461 | 4004 |
| 14 chrE1.124805A | G | 0.1657 | 4008 |
| 14 chrE1.124862G | A | 0.3805 | 4010 |
| 14 chrE1.124901A | G | 0.2142 | 4000 |
| 14 chrE1.12495(A | G | 0.1591 | 3966 |
| 14 chrE1.12499(A | G | 0.1737 | 4002 |
| 14 chrE1.125031A | G | 0.2932 | 3994 |
| 14 chrE1.12506(A | G | 0.06316 | 4006 |
| 14 chrE1.125103A | G | 0.1707 | 3990 |
| 14 chrE1.12514(A | A | 0.4142 | 3984 |
| 14 chrE1.125223G | A | 0.4505 | 4004 |
| 14 chrE1.12528(A | A | 0.4309 | 3996 |
| 14 chrE1.125313A | C | 0.2373 | 3986 |
| 14 chrE1.125384A | C | 0.04568 | 4006 |
| 14 chrE1.125451G | A | 0.3444 | 4004 |
| 14 chrE1.12549(A | A | 0.4759 | 3986 |
| 14 chrE1.12553(A | G | 0.08559 | 3996 |
| 14 chrE1.125563A | G | 0.009735 | 4006 |
| 14 chrE1.125601A | G | 0.1037 | 4002 |
| 14 chrE1.125654G | A | 0.1326 | 4006 |
| 14 chrE1.125734G | A | 0.3694 | 3974 |
| 14 chrE1.12579(A | G | 0.009053 | 3866 |
| 14 chrE1.12589(A | G | 0.1068 | 3998 |
| 14 chrE1.12592(A | A | 0.3637 | 3954 |
| 14 chrE1.125974A | G | 0.04571 | 3916 |
| 14 chrE1.12599(A | A | 0.108 | 3972 |

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| 14 chrE1.126005C | A | 0.4147 | 3996 |
| 14 chrE1.126085A | C | 0.2678 | 4006 |
| 14 chrE1.126135 | 0 G | 0 | 4010 |
| 14 chrE1.126205A | G | 0.4862 | 3828 |
| 14 chrE1.126295G | A | 0.3823 | 3958 |
| 14 chrE1.126345C | A | 0.1558 | 3992 |
| 14 chrE1.126411G | A | 0.2646 | 3980 |
| 14 chrE1.126440A | G | 0.06403 | 3998 |
| 14 chrE1.126478A | G | 0.1416 | 3982 |
| 14 chrE1.126512A | G | 0.07283 | 3982 |
| 14 chrE1.126544A | G | 0.04394 | 3778 |
| 14 chrE1.126607A | G | 0.3885 | 3992 |
| 14 chrE1.126665A | G | 0.4056 | 4006 |
| 14 chrE1.126698A | G | 0.2884 | 3610 |
| 14 chrE1.126751A | G | 0.2341 | 3960 |
| 14 chrE1.126785A | C | 0.4118 | 3992 |
| 14 chrE1.126833C | A | 0.02931 | 3992 |
| 14 chrE1.126880A | G | 0.3245 | 3984 |
| 14 chrE1.126926G | A | 0.2342 | 4000 |
| 14 chrE1.126957G | A | 0.4228 | 3940 |
| 14 chrE1.126987A | G | 0.2662 | 3960 |
| 14 chrE1.127014A | G | 0.05866 | 4006 |
| 14 chrE1.127074A | G | 0.2436 | 4006 |
| 14 chrE1.127154G | A | 0.2317 | 3996 |
| 14 chrE1.127220A | G | 0.4134 | 3994 |
| 14 chrE1.127285A | G | 0.1441 | 4004 |
| 14 chrE1.127362A | G | 0.07504 | 3998 |
| 14 chrE1.127466G | A | 0.0988 | 4008 |
| 14 chrE1.127532G | A | 0.1301 | 4006 |
| 14 chrE1.127610G | A | 0.142 | 4000 |
| 14 chrE1.127651G | A | 0.3885 | 3974 |
| 14 chrE1.127673A | G | 0.2533 | 3992 |
| 14 chrE1.127765A | C | 0.2047 | 3952 |
| 14 chrE1.127795C | A | 0.3584 | 3984 |
| 14 chrE1.127826A | G | 0.03498 | 4002 |
| 14 chrE1.127848G | A | 0.2572 | 4000 |
| 14 chrE1.127911A | G | 0.2628 | 3992 |
| 14 chrE1.127965A | G | 0.1937 | 4006 |
| 14 chrE1.128003G | A | 0.1272 | 4002 |
| 14 chrC1.221130A | C | 0.1257 | 4008 |
| 14 chrE1.128051G | A | 0.14 | 3956 |

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|------------------|---|----------|------|
| 14 chrE1.128093A | G | 0.2358 | 3986 |
| 14 chrE1.128128G | A | 0.3123 | 4002 |
| 14 chrE1.128210C | A | 0.3971 | 3858 |
| 14 chrE1.128262C | A | 0.1742 | 4006 |
| 14 chrE1.128295A | G | 0.1163 | 4006 |
| 14 chrE1.128335C | A | 0.1608 | 3992 |
| 14 chrE1.128363G | A | 0.3491 | 3984 |
| 14 chrE1.128395G | A | 0.2666 | 3980 |
| 14 chrE1.128428A | C | 0.06548 | 3986 |
| 14 chrE1.128455A | G | 0.2368 | 3990 |
| 14 chrE1.128552G | A | 0.3508 | 3980 |
| 14 chrE1.128621A | G | 0.3951 | 3880 |
| 14 chrE1.128651A | G | 0.1791 | 3814 |
| 14 chrE1.128712G | A | 0.384 | 3984 |
| 14 chrE1.128787G | A | 0.297 | 3832 |
| 14 chrE1.128863G | A | 0.1033 | 3978 |
| 14 chrE1.128869A | G | 0.2689 | 3998 |
| 14 chrE1.128945A | G | 0.2306 | 3998 |
| 14 chrE1.128980A | G | 0.2153 | 3748 |
| 14 chrE1.129068G | A | 0.1968 | 3964 |
| 14 chrE1.129150A | G | 0.1904 | 3996 |
| 14 chrE1.129203A | G | 0.4217 | 3944 |
| 14 chrE1.129235A | G | 0.08479 | 3998 |
| 14 chrE1.129254A | G | 0.001009 | 3964 |
| 14 chrE1.129320C | A | 0.06821 | 3724 |
| 14 chrE1.129358G | A | 0.3159 | 4004 |
| 14 chrE1.129411A | G | 0.137 | 3956 |
| 14 chrE1.129458A | G | 0.08817 | 3890 |
| 14 chrE1.129491G | A | 0.0213 | 3990 |
| 14 chrE1.129525A | G | 0.1262 | 3970 |
| 14 chrE1.129560A | C | 0.3296 | 3886 |
| 14 chrE1.129621A | C | 0.1658 | 3746 |
| 14 chrE1.129671A | G | 0.1817 | 3980 |
| 14 chrE1.129704G | A | 0.1881 | 3956 |
| 14 chrE1.129728A | C | 0.4316 | 3918 |
| 14 chrE1.129758G | A | 0.4917 | 3966 |
| 14 chrE1.129783A | G | 0.3038 | 3878 |
| 14 chrE1.129833A | G | 0.09614 | 3994 |
| 14 chrE1.129883A | G | 0.3886 | 4004 |
| 14 chrE1.129941A | G | 0.1639 | 3972 |
| 14 chrE1.129985G | A | 0.2869 | 3890 |

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| 14 chrE1.130025A | G | 0.02794 | 4008 |
| 14 chrE1.130061A | G | 0.1266 | 4006 |
| 14 chrE1.130097A | G | 0.1318 | 3886 |
| 14 chrE1.130131G | A | 0.4735 | 3966 |
| 14 chrE1.130183A | G | 0.239 | 3924 |
| 14 chrE1.130218A | G | 0.3418 | 3994 |
| 14 chrE1.130301A | G | 0.0528 | 3788 |
| 14 chrX.890530 A | G | 0.1827 | 3984 |
| 14 chrE1.130333A | G | 0.1788 | 4004 |
| 14 chrE1.130340A | G | 0.1888 | 3998 |
| 14 chrE1.130370A | G | 0.1586 | 4004 |
| 14 chrE1.130434G | A | 0.05785 | 3976 |
| 14 chrE1.130461A | G | 0.2117 | 4000 |
| 14 chrE1.130511G | A | 0.1952 | 3996 |
| 14 chrE1.130547A | G | 0.0787 | 3990 |
| 14 chrE1.130603G | A | 0.2841 | 3950 |
| 14 chrE1.130637A | C | 0.166 | 3994 |
| 14 chrE1.130691C | A | 0.1422 | 3756 |
| 14 chrE1.130729G | A | 0.17 | 3918 |
| 14 chrE1.130785A | G | 0.4339 | 3962 |
| 14 chrE1.130812G | A | 0.1281 | 3942 |
| 14 chrE1.130864G | A | 0.06068 | 3774 |
| 14 chrE1.130899G | A | 0.4346 | 3990 |
| 14 chrE1.130938A | G | 0.4701 | 3950 |
| 14 chrE1.130976A | G | 0.1578 | 4004 |
| 14 chrE1.131057A | G | 0.2466 | 3982 |
| 14 chrE1.131102A | G | 0.4874 | 3876 |
| 14 chrE1.131162A | G | 0.02783 | 3988 |
| 14 chrE1.131190G | A | 0.1758 | 3998 |
| 14 chrE1.131242A | G | 0.3406 | 3996 |
| 14 chrE1.131286A | G | 0.1168 | 4006 |
| 14 chrE1.131289A | G | 0.1938 | 4004 |
| 14 chrE1.131334G | A | 0.3926 | 3882 |
| 14 chrE1.131365G | A | 0.1265 | 3962 |
| 14 chrUn9.97580G | A | 0.09835 | 3996 |
| 14 chrE1.131390G | A | 0.2785 | 3910 |
| 14 chrE1.131443A | G | 0.02171 | 4008 |
| 14 chrE1.131495A | G | 0.434 | 3998 |
| 14 chrE1.131520G | A | 0.3204 | 4010 |
| 14 chrE1.131585A | G | 0.3957 | 3920 |
| 14 chrE1.131614A | G | 0.2818 | 3968 |

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| 14 chrE1.131643A | G | 0.01399 | 4002 |
| 14 chrE1.131660G | A | 0.3772 | 3998 |
| 14 chrE1.131707A | C | 0.2451 | 3978 |
| 14 chrE1.131764G | A | 0.08179 | 3876 |
| 14 chrE1.131882A | G | 0.3353 | 3994 |
| 14 chrE1.131932G | A | 0.1963 | 3928 |
| 14 chrE1.131990A | G | 0.2566 | 3968 |
| 14 chrE1.132017G | A | 0.1234 | 4004 |
| 14 chrE1.132054G | A | 0.1557 | 3840 |
| 14 chrE1.132091A | G | 0.04874 | 3980 |
| 14 chrE1.132182G | A | 0.3983 | 3914 |
| 14 chrE1.132215A | G | 0.4473 | 3950 |
| 14 chrE1.132258A | G | 0.02001 | 3948 |
| 14 chrB1.117987A | G | 0.05878 | 3998 |
| 14 chrE1.132320C | A | 0.1148 | 3928 |
| 14 chrE1.132365A | G | 0.119 | 4000 |
| 14 chrE1.132436A | G | 0.4577 | 3952 |
| 14 chrE1.132501A | G | 0.1647 | 3976 |
| 14 chrE1.132534A | G | 0.1422 | 3960 |
| 14 chrE1.132577G | A | 0.4055 | 3906 |
| 14 chrE1.132673A | G | 0.1995 | 3990 |
| 14 chrE1.132713A | G | 0.1618 | 3998 |
| 14 chrE1.132767A | G | 0.1259 | 3986 |
| 14 chrE1.132794A | G | 0.1504 | 4002 |
| 14 chrE1.132794G | A | 0.1507 | 3994 |
| 14 chrE1.132839A | G | 0.1428 | 3852 |
| 14 chrUn9.11894G | A | 0.2573 | 3996 |
| 14 chrUn9.11594A | G | 0.06092 | 3956 |
| 14 chrUn9.10578G | A | 0.1799 | 3914 |
| 14 chrUn9.10164A | G | 0.2649 | 3922 |
| 14 chrUn9.99111G | A | 0.4512 | 3952 |
| 14 chrUn9.96444A | G | 0.4678 | 3852 |
| 14 chrUn9.90831G | A | 0.4426 | 4006 |
| 14 chrUn9.88264A | G | 0.0537 | 4004 |
| 14 chrUn9.85614A | G | 0.1054 | 4002 |
| 14 chrUn9.81660G | A | 0.1107 | 3894 |
| 14 chrUn9.77111A | G | 0.1116 | 3996 |
| 14 chrUn9.71894G | A | 0.02331 | 3990 |
| 14 chrUn9.68354 | 0 A | 0 | 3994 |
| 14 chrUn9.65404A | G | 0.006993 | 4004 |
| 14 chrUn9.61660G | A | 0.1878 | 3998 |

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| 14 chrUn9.56631A | C | 0.005985 | 4010 |
| 14 chrUn9.53521A | G | 0.0425 | 4000 |
| 14 chrUn9.47821C | A | 0.1715 | 3982 |
| 14 chrUn.466451A | G | 0.163 | 3982 |
| 14 chrUn9.42431A | G | 0.1648 | 4004 |
| 14 chrUn9.38481A | G | 0.4486 | 3992 |
| 14 chrUn9.28821A | G | 0.1558 | 4000 |
| 14 chrUn9.13591C | A | 0.4642 | 3964 |
| 14 chrUn9.89571G | A | 0.3085 | 4000 |
| 14 chrUn9.69231G | A | 0.3188 | 3930 |
| 14 chrUn9.29311A | G | 0.006737 | 4008 |
| 14 chrUn9.18091G | A | 0.006503 | 3998 |
| 15 chrE2.143555G | A | 0.0808 | 4010 |
| 15 chrE2.145937G | A | 0.175 | 3988 |
| 15 chrE2.152603G | A | 0.3689 | 3996 |
| 15 chrE2.161544A | C | 0.3112 | 3994 |
| 15 chrE2.164702G | A | 0.3145 | 4006 |
| 15 chrE2.167663A | G | 0.44 | 4002 |
| 15 chrE2.171234A | G | 0.4146 | 3912 |
| 15 chrE2.173971A | G | 0.1161 | 4006 |
| 15 chrE2.181059G | A | 0.07934 | 4008 |
| 15 chrE2.186206A | G | 0.1251 | 3974 |
| 15 chrE2.188562G | A | 0.0005048 | 3962 |
| 15 chrE2.188661A | G | 0.1166 | 3996 |
| 15 chrE2.196107A | C | 0.1312 | 4000 |
| 15 chrE2.200594C | A | 0.3027 | 3998 |
| 15 chrE2.205681A | G | 0.2582 | 3862 |
| 15 chrE2.212487G | A | 0.03645 | 4006 |
| 15 chrE2.217151G | A | 0.3956 | 4002 |
| 15 chrE2.220053A | C | 0.2711 | 3988 |
| 15 chrE2.225287A | G | 0.4887 | 3998 |
| 15 chrE2.228888G | A | 0.1433 | 3978 |
| 15 chrE2.237586A | G | 0.1862 | 4000 |
| 15 chrD3.251711A | G | 0.2933 | 4000 |
| 15 chrE2.253501G | A | 0.4851 | 3950 |
| 15 chrE2.247836 | 0 G | 0 | 4008 |
| 15 chrE2.256908C | A | 0.1025 | 4008 |
| 15 chrE2.259553G | A | 0.297 | 3990 |
| 15 chrE2.265771G | A | 0.4914 | 3976 |
| 15 chrE2.286346A | G | 0.009789 | 3882 |
| 15 chrE2.272761A | G | 0.2279 | 3944 |

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| 15 chrE2.276016C | A | 0.04291 | 4008 |
| 15 chrE2.284588 | 0 A | 0 | 4010 |
| 15 chrE2.294459G | A | 0.1164 | 4002 |
| 15 chrE2.301503G | A | 0.1328 | 3998 |
| 15 chrE2.298631A | G | 0.3247 | 3994 |
| 15 chrE2.304611A | G | 0.2579 | 3994 |
| 15 chrE2.312007A | G | 0.2534 | 4002 |
| 15 chrE2.315572G | A | 0.2536 | 4002 |
| 15 chrE2.317761A | G | 0.4775 | 4000 |
| 15 chrE2.319777A | G | 0.3468 | 4000 |
| 15 chrE2.325087A | G | 0.2541 | 3790 |
| 15 chrE2.328952G | A | 0.3906 | 4004 |
| 15 chrE2.331801G | A | 0.05716 | 4006 |
| 15 chrE2.338749C | A | 0.0237 | 4008 |
| 15 chrE2.341132A | C | 0.0007489 | 4006 |
| 15 chrE2.345908G | A | 0.02558 | 3870 |
| 15 chrE2.355200C | A | 0.2336 | 3952 |
| 15 chrE2.360813C | A | 0.1088 | 3970 |
| 15 chrE2.364415G | A | 0.364 | 3984 |
| 15 chrE2.369089A | G | 0.07329 | 3998 |
| 15 chrUn.578801G | A | 0.4215 | 3972 |
| 15 chrE2.375034A | G | 0.4145 | 4000 |
| 15 chrE2.378768A | G | 0.2624 | 3940 |
| 15 chrE2.382302A | G | 0.3852 | 3990 |
| 15 chrE2.385775G | A | 0.1093 | 4006 |
| 15 chrE2.393398G | A | 0.06807 | 3952 |
| 15 chrE2.396462A | G | 0.3009 | 3928 |
| 15 chrE2.398985A | C | 0.05815 | 3904 |
| 15 chrE2.407002G | A | 0.09411 | 4006 |
| 15 chrE2.409977G | A | 0.1928 | 3998 |
| 15 chrE2.413717A | G | 0.1162 | 4002 |
| 15 chrE2.416516G | A | 0.3061 | 4008 |
| 15 chrE2.422489G | A | 0.1297 | 4002 |
| 15 chrE2.426811G | A | 0.4837 | 3998 |
| 15 chrE2.435212A | G | 0.2629 | 3952 |
| 15 chrE2.471504G | A | 0.4461 | 3954 |
| 15 chrUn.412111A | G | 0.4449 | 3990 |
| 15 chrE2.475964C | A | 0.1929 | 3992 |
| 15 chrE2.476143G | A | 0.02701 | 3962 |
| 15 chrE2.480536A | G | 0.4167 | 3996 |
| 15 chrE2.496900A | G | 0.2806 | 3966 |

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| 15 chrE2.497427A | G | 0.016 | 4000 |
| 15 chrE2.506658A | G | 0.1819 | 3936 |
| 15 chrE2.509696A | G | 0.272 | 3996 |
| 15 chrE2.513605A | G | 0.2376 | 3994 |
| 15 chrE2.516368G | A | 0.03789 | 3932 |
| 15 chrE2.519841G | A | 0.1562 | 3976 |
| 15 chrE2.530252A | G | 0.07551 | 3920 |
| 15 chrE2.536522A | C | 0.3968 | 3974 |
| 15 chrE2.539744A | G | 0.03648 | 4002 |
| 15 chrE2.542940A | C | 0.08263 | 4006 |
| 15 chrE2.547023A | G | 0.4412 | 3996 |
| 15 chrE2.552146G | A | 0.4624 | 3964 |
| 15 chrE2.557424A | G | 0.1705 | 4000 |
| 15 chrE2.561294A | C | 0.3917 | 3998 |
| 15 chrE2.565654G | A | 0.09372 | 3980 |
| 15 chrE2.570818A | G | 0.4725 | 3996 |
| 15 chrE2.577298C | A | 0.08283 | 3996 |
| 15 chrE2.583210A | G | 0.1177 | 3986 |
| 15 chrE2.586615A | G | 0.3429 | 3896 |
| 15 chrE2.595327G | A | 0.06737 | 4008 |
| 15 chrUn8.49621G | A | 0.003026 | 3966 |
| 15 chrE2.606918G | A | 0.2863 | 3986 |
| 15 chrE2.599311G | A | 0.4746 | 3972 |
| 15 chrE2.612343A | G | 0.4487 | 3976 |
| 15 chrE2.615669A | G | 0.2684 | 3994 |
| 15 chrE2.618275G | A | 0.3142 | 3998 |
| 15 chrE2.630169A | G | 0.2081 | 4002 |
| 15 chrE2.634469A | G | 0.1262 | 4000 |
| 15 chrE2.638359A | G | 0.2296 | 4002 |
| 15 chrE2.642689A | C | 0.4521 | 4006 |
| 15 chrE2.649360G | A | 0.1725 | 4000 |
| 15 chrE2.646639G | C | 0.1656 | 3992 |
| 15 chrE2.659139A | C | 0.2309 | 3980 |
| 15 chrE2.665408A | C | 0.06914 | 3992 |
| 15 chrE2.670267A | G | 0.1024 | 3996 |
| 15 chrE2.672850A | G | 0.4 | 4002 |
| 15 chrE2.674880A | G | 0.4165 | 3926 |
| 15 chrE2.680382A | G | 0.04396 | 4004 |
| 15 chrE2.685325A | G | 0.06628 | 3998 |
| 15 chrE2.687869G | A | 0.1795 | 3928 |
| 15 chrE2.695915G | A | 0.2933 | 3996 |

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| 15 chrE2.847374A | G | 0.1391 | 3976 |
| 15 chrE2.701463G | A | 0.2909 | 3998 |
| 15 chrE2.714936C | A | 0.1955 | 3878 |
| 15 chrE2.721256A | G | 0.05122 | 4002 |
| 15 chrE2.735730A | G | 0.2759 | 3976 |
| 15 chrE2.728961A | G | 0.4374 | 3992 |
| 15 chrE2.841926A | G | 0.07487 | 3860 |
| 15 chrE2.746729G | A | 0.05183 | 3994 |
| 15 chrE2.746898 | 0 A | 0 | 4004 |
| 15 chrE2.749578C | A | 0.3437 | 3998 |
| 15 chrE2.797258G | A | 0.0007603 | 3946 |
| 15 chrE2.718746A | G | 0.3278 | 3942 |
| 15 chrE2.804738G | A | 0.3228 | 3984 |
| 15 chrE2.838887A | G | 0.1456 | 3996 |
| 15 chrUn.521348A | G | 0.1362 | 3898 |
| 15 chrE2.808732A | G | 0.09032 | 4008 |
| 15 chrUn.573501A | G | 0.0002494 | 4010 |
| 15 chrUn.573501A | G | 0.146 | 3870 |
| 15 chrE2.830128A | G | 0.3845 | 4000 |
| 15 chrUn.305969A | G | 0.4264 | 3938 |
| 15 chrE2.784565G | A | 0.2275 | 4008 |
| 15 chrE2.741155G | A | 0.1516 | 3998 |
| 15 chrE2.761261A | G | 0.05083 | 3974 |
| 15 chrE2.856211C | A | 0.4163 | 4004 |
| 15 chrE2.859311A | G | 0.1598 | 3774 |
| 15 chrE2.862232A | G | 0.07368 | 3990 |
| 15 chrE2.878044A | G | 0.153 | 3798 |
| 15 chrUn.710324G | C | 0.07061 | 4008 |
| 15 chrE2.891920A | G | 0.1024 | 3768 |
| 15 chrE2.912851C | A | 0.1916 | 3988 |
| 15 chrE2.915234G | A | 0.3374 | 3968 |
| 15 chrE2.919011G | A | 0.3879 | 3998 |
| 15 chrE2.950041G | A | 0.2417 | 3960 |
| 15 chrE2.931948A | G | 0.09613 | 3984 |
| 15 chrE2.935955A | G | 0.249 | 3988 |
| 15 chrE2.947266A | G | 0.1456 | 3908 |
| 15 chrE2.941359A | G | 0.4397 | 3916 |
| 15 chrE2.951623G | A | 0.2159 | 3998 |
| 15 chrE2.951649A | G | 0.1618 | 3998 |
| 15 chrE2.953279G | A | 0.2057 | 3958 |
| 15 chrE2.958667A | G | 0.3523 | 3954 |

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| 15 chrE2.964584C | A | 0.4987 | 3984 |
| 15 chrE2.967871A | G | 0.2928 | 4006 |
| 15 chrE2.974934A | G | 0.0699 | 4006 |
| 15 chrE2.980676A | G | 0.2667 | 3986 |
| 15 chrE2.986063A | G | 0.12 | 4008 |
| 15 chrE2.990175G | A | 0.1148 | 3988 |
| 15 chrE2.993631A | G | 0.1231 | 3972 |
| 15 chrE2.996580G | A | 0.2436 | 4002 |
| 15 chrE2.100439A | G | 0.04266 | 4008 |
| 15 chrE2.100748A | G | 0.4654 | 3994 |
| 15 chrE2.101792A | G | 0.2747 | 4004 |
| 15 chrE2.102092G | A | 0.02745 | 4008 |
| 15 chrE2.102332C | A | 0.2629 | 4002 |
| 15 chrE2.102763A | G | 0.08014 | 3968 |
| 15 chrE2.103603A | C | 0.0009975 | 4010 |
| 15 chrE2.103940A | G | 0.09642 | 3962 |
| 15 chrE2.104302A | G | 0.3344 | 4004 |
| 15 chrE2.104650G | A | 0.001502 | 3996 |
| 15 chrE2.104969A | C | 0.3117 | 3988 |
| 15 chrE2.105380A | G | 0.1973 | 3994 |
| 15 chrE2.106058A | G | 0.2355 | 3988 |
| 15 chrE2.106727A | G | 0.4421 | 4004 |
| 15 chrE2.107050G | A | 0.4917 | 3998 |
| 15 chrE2.107668A | C | 0.08467 | 4004 |
| 15 chrUn.714980C | A | 0.2691 | 4002 |
| 15 chrE2.108829C | A | 0.04479 | 3996 |
| 15 chrE2.109382A | G | 0.2091 | 3994 |
| 15 chrE2.109933G | A | 0.17 | 3936 |
| 15 chrE2.110227G | A | 0.2666 | 3994 |
| 15 chrE2.110805A | G | 0.3026 | 4002 |
| 15 chrE2.111983A | G | 0.2499 | 3978 |
| 15 chrE2.112433A | G | 0.1342 | 3988 |
| 15 chrE2.112879C | A | 0.3548 | 4002 |
| 15 chrE2.113158G | A | 0.2339 | 3964 |
| 15 chrE2.113470C | A | 0.333 | 3982 |
| 15 chrE2.114081A | G | 0.242 | 4000 |
| 15 chrE2.114533C | A | 0.3623 | 3804 |
| 15 chrE2.114788G | A | 0.1525 | 4006 |
| 15 chrE2.115758G | A | 0.000999 | 4004 |
| 15 chrE2.115759G | A | 0.05292 | 3968 |
| 15 chrE2.116162A | G | 0.2658 | 3996 |

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| 15 chrE2.116416A | G | 0.4446 | 3986 |
| 15 chrE2.117308A | G | 0.2745 | 4004 |
| 15 chrE2.117607A | G | 0.3168 | 3968 |
| 15 chrE2.117871A | G | 0.136 | 3992 |
| 15 chrE2.118113G | A | 0.1943 | 3994 |
| 15 chrE2.118688A | G | 0.3266 | 3996 |
| 15 chrE2.119039G | A | 0.3739 | 3990 |
| 15 chrE2.119264G | A | 0.03854 | 3762 |
| 15 chrE2.119384G | A | 0.2957 | 4000 |
| 15 chrE2.120376G | A | 0.1806 | 3948 |
| 15 chrE2.120736C | A | 0.3265 | 4000 |
| 15 chrE2.121410A | G | 0.3083 | 3996 |
| 15 chrE2.122076A | G | 0.1294 | 3994 |
| 15 chrE2.122078A | G | 0.001248 | 4008 |
| 15 chrE2.122417A | C | 0.04847 | 3982 |
| 15 chrE2.122809C | A | 0.2201 | 3994 |
| 15 chrE2.123126C | A | 0.2371 | 3994 |
| 15 chrE2.123889A | G | 0.1782 | 3990 |
| 15 chrE2.124250A | G | 0.1875 | 3994 |
| 15 chrE2.124666A | G | 0.03553 | 3968 |
| 15 chrE2.125227G | A | 0.3368 | 3996 |
| 15 chrE2.125761G | A | 0.343 | 3930 |
| 15 chrE2.126012A | G | 0.2924 | 4008 |
| 15 chrE2.126145A | G | 0.4978 | 4000 |
| 15 chrE2.126753A | C | 0.4569 | 3994 |
| 15 chrE2.127059G | A | 0.447 | 4000 |
| 15 chrE2.127310C | 0 A | 0 | 4006 |
| 15 chrE2.128127A | G | 0.1073 | 3904 |
| 15 chrE2.129699G | A | 0.3953 | 3860 |
| 15 chrE2.129965A | G | 0.3074 | 3988 |
| 15 chrE2.130805A | G | 0.2158 | 3994 |
| 15 chrE2.131404C | A | 0.2617 | 4008 |
| 15 chrE2.131838A | G | 0.1666 | 3950 |
| 15 chrE2.132339A | G | 0.4416 | 3970 |
| 15 chrE2.132793A | G | 0.2782 | 4004 |
| 15 chrE2.133235A | C | 0.4254 | 3886 |
| 15 chrE2.134309A | G | 0.1974 | 4002 |
| 15 chrE2.167217A | G | 0.3414 | 3644 |
| 15 chrE2.134561A | C | 0.2339 | 4006 |
| 15 chrE2.134804A | C | 0.3499 | 3998 |
| 15 chrE2.135282G | A | 0.1129 | 3996 |

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| 15 chrE2.13569C G | A | 0.4187 | 3996 |
| 15 chrE2.136227G | A | 0.3408 | 4002 |
| 15 chrE2.136756A | G | 0.2236 | 3984 |
| 15 chrE2.137537G | A | 0.05603 | 3998 |
| 15 chrE2.137981G | A | 0.3188 | 3996 |
| 15 chrE2.138332A | G | 0.03951 | 3948 |
| 15 chrE2.138935A | G | 0.2984 | 3954 |
| 15 chrE2.139547A | C | 0.2649 | 4002 |
| 15 chrE2.139866A | G | 0.2755 | 3982 |
| 15 chrE2.14034C G | A | 0.4228 | 3992 |
| 15 chrE2.140728G | A | 0.2207 | 3996 |
| 15 chrE2.141037G | A | 0.007762 | 3994 |
| 15 chrE2.141299G | A | 0.3126 | 4002 |
| 15 chrE2.141434A | G | 0.2001 | 3988 |
| 15 chrE2.141966A | G | 0.4228 | 4004 |
| 15 chrE2.142402G | A | 0.2001 | 3998 |
| 15 chrE2.142826A | C | 0.4262 | 3674 |
| 15 chrE2.143129G | A | 0.395 | 3992 |
| 15 chrE2.144228A | G | 0.1888 | 3998 |
| 15 chrE2.144702G | A | 0.1744 | 3986 |
| 15 chrE2.155384G | A | 0.2062 | 3972 |
| 15 chrE2.154477A | G | 0.153 | 4006 |
| 15 chrE2.146045A | G | 0.01005 | 3880 |
| 15 chrE2.146798A | G | 0.2965 | 3990 |
| 15 chrE2.147022A | G | 0.3864 | 3944 |
| 15 chrE2.147225A | G | 0.361 | 3978 |
| 15 chrE2.14754C G | A | 0.1658 | 3932 |
| 15 chrE2.14826C C | A | 0.1562 | 3930 |
| 15 chrE2.147981A | C | 0.4224 | 3996 |
| 15 chrE2.148678G | A | 0.1386 | 3940 |
| 15 chrE2.149063A | G | 0.3958 | 4002 |
| 15 chrE2.149454A | G | 0.1281 | 4004 |
| 15 chrE2.149716C | A | 0.2967 | 3980 |
| 15 chrE2.150691A | G | 0.01248 | 4008 |
| 15 chrE2.150764A | G | 0.4802 | 3998 |
| 15 chrE2.151519A | C | 0.2478 | 4008 |
| 15 chrE2.15195C A | G | 0.2854 | 3970 |
| 15 chrE2.152297A | G | 0.03495 | 4006 |
| 15 chrE2.152608G | A | 0.2569 | 3998 |
| 15 chrE2.152878A | G | 0.2486 | 3986 |
| 15 chrE2.153287G | A | 0.005237 | 4010 |

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| 15 chrE2.15414C A | G | 0.3706 | 4002 |
| 15 chrE2.15475C A | G | 0.1533 | 3842 |
| 15 chrE2.15601C A | G | 0.4543 | 3960 |
| 15 chrE2.156347 A | C | 0.1359 | 4004 |
| 15 chrE2.157001 A | G | 0.2266 | 3994 |
| 15 chrE2.157258 G | A | 0.07464 | 4006 |
| 15 chrE2.159238 A | G | 0.2081 | 3998 |
| 15 chrE2.159731 A | G | 0.2686 | 3998 |
| 15 chrE2.160774 G | A | 0.1832 | 3996 |
| 15 chrE2.161734 A | G | 0.02779 | 3994 |
| 15 chrE2.161973 A | G | 0.2634 | 3960 |
| 15 chrE2.162411 A | G | 0.1822 | 3980 |
| 15 chrE2.162818 A | G | 0.3932 | 3970 |
| 15 chrE2.163226 A | G | 0.1034 | 3984 |
| 15 chrE2.163477 A | G | 0.1005 | 4000 |
| 15 chrE2.163761 A | G | 0.2312 | 3980 |
| 15 chrE2.164137 A | G | 0.09161 | 4006 |
| 15 chrE2.164664 A | G | 0.4737 | 3996 |
| 15 chrE2.165405 A | G | 0.2599 | 3990 |
| 15 chrE2.165793 A | G | 0.1209 | 3996 |
| 15 chrE2.166353 A | G | 0.2167 | 3978 |
| 15 chrE2.166627 C | A | 0.3923 | 3984 |
| 15 chrE2.168103 A | G | 0.09275 | 3946 |
| 15 chrE2.168499 A | C | 0.1029 | 3898 |
| 15 chrE2.169388 A | G | 0.06632 | 3996 |
| 15 chrE2.169749 G | A | 0.3364 | 3856 |
| 15 chrE2.170548 C | A | 0.2811 | 4002 |
| 15 chrE2.170836 A | G | 0.1054 | 3996 |
| 15 chrE2.171204 A | G | 0.09913 | 3924 |
| 15 chrE2.171518 G | A | 0.3593 | 3952 |
| 15 chrE2.171955 G | A | 0.0695 | 4000 |
| 15 chrE2.173011 A | G | 0.3887 | 4006 |
| 15 chrE2.173182 G | A | 0.2453 | 3934 |
| 15 chrE2.173842 G | A | 0.4727 | 3990 |
| 15 chrE2.174885 G | A | 0.1734 | 3944 |
| 15 chrE2.175263 A | G | 0.002743 | 4010 |
| 15 chrE2.176424 A | G | 0.09016 | 4004 |
| 15 chrE2.17702C A | G | 0.1026 | 4004 |
| 15 chrE2.177339 G | A | 0.448 | 3982 |
| 15 chrE2.177946 G | A | 0.2377 | 3946 |
| 15 chrE2.178771 A | G | 0.2797 | 4008 |

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| 15 chrE2.179054G | A | 0.3051 | 4008 |
| 15 chrE2.179424A | G | 0.09536 | 4006 |
| 15 chrE2.179923C | A | 0.2532 | 3950 |
| 15 chrE2.180270G | A | 0.2841 | 4002 |
| 15 chrE2.189160G | A | 0.03956 | 3766 |
| 15 chrE2.181175G | A | 0.2719 | 4002 |
| 15 chrE2.181617A | G | 0.1826 | 3948 |
| 15 chrE2.182347G | A | 0.2577 | 3978 |
| 15 chrE2.182605G | A | 0.3495 | 3974 |
| 15 chrE2.182889G | A | 0.3383 | 3964 |
| 15 chrE2.186893G | A | 0.207 | 3956 |
| 15 chrE2.184277G | A | 0.4434 | 3976 |
| 15 chrE2.184299G | A | 0.4975 | 3996 |
| 15 chrE2.184729G | A | 0.1126 | 3996 |
| 15 chrE2.185438A | G | 0.03428 | 3938 |
| 15 chrX.2289509A | G | 0.08217 | 4004 |
| 15 chrX.2245683A | G | 0.4499 | 3954 |
| 15 chrE2.188352A | G | 0.1173 | 4006 |
| 15 chrE2.188429A | G | 0.2738 | 4000 |
| 15 chrE2.183443A | C | 0.2301 | 3976 |
| 15 chrE2.188802A | G | 0.4421 | 3906 |
| 15 chrE2.190439G | A | 0.1338 | 4006 |
| 15 chrE2.190748A | C | 0.1935 | 3994 |
| 15 chrE2.191435A | G | 0.292 | 3990 |
| 15 chrE2.191690G | A | 0.1054 | 4002 |
| 15 chrE2.191928A | G | 0.1133 | 4008 |
| 15 chrE2.192235A | G | 0.1222 | 4002 |
| 15 chrE2.192497A | G | 0.3396 | 3972 |
| 15 chrE2.193152G | A | 0.0574 | 3920 |
| 15 chrE2.194422A | G | 0.2693 | 3922 |
| 15 chrE2.194826G | A | 0.2149 | 3998 |
| 15 chrE2.195189A | G | 0.02321 | 3834 |
| 15 chrE2.195699A | G | 0.03145 | 4006 |
| 15 chrE2.196024A | G | 0.491 | 3990 |
| 15 chrE2.196287A | G | 0.1651 | 3954 |
| 15 chrE2.196572A | G | 0.08713 | 3994 |
| 15 chrE2.197285G | A | 0.2716 | 3998 |
| 15 chrE2.197688A | G | 0.2426 | 3994 |
| 15 chrE2.198467A | G | 0.4663 | 4004 |
| 15 chrE2.198546A | G | 0.3297 | 3964 |
| 15 chrE2.198724G | A | 0.1543 | 3714 |

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| 15 chrE2.198986A | G | 0.3036 | 3982 |
| 15 chrE2.199373A | G | 0.05642 | 4006 |
| 15 chrE2.199635G | A | 0.292 | 4000 |
| 15 chrE2.199965A | C | 0.3141 | 3996 |
| 15 chrE2.200316G | A | 0.2571 | 4006 |
| 15 chrE2.200579A | G | 0.03223 | 3972 |
| 15 chrE2.200844A | G | 0.4727 | 3998 |
| 15 chrE2.201103G | A | 0.04575 | 4000 |
| 15 chrE2.201561G | A | 0.03495 | 3920 |
| 15 chrE2.202857G | A | 0.2188 | 4004 |
| 15 chrE2.202886A | G | 0.08134 | 4008 |
| 15 chrE2.203124 | 0 G | 0 | 4010 |
| 15 chrE2.203188G | A | 0.4594 | 3966 |
| 15 chrE2.203647G | A | 0.1828 | 4004 |
| 15 chrE2.204282A | G | 0.1006 | 3998 |
| 15 chrE2.204956C | A | 0.008242 | 4004 |
| 15 chrE2.206345G | A | 0.01051 | 3996 |
| 15 chrE2.207102G | A | 0.3013 | 3990 |
| 15 chrE2.207981G | A | 0.1314 | 4004 |
| 15 chrE2.208489G | A | 0.1218 | 3934 |
| 15 chrE2.208898G | A | 0.2345 | 3996 |
| 15 chrE2.209258G | A | 0.3894 | 3998 |
| 15 chrE2.209872A | G | 0.2121 | 3946 |
| 15 chrE2.210310G | A | 0.181 | 4000 |
| 15 chrE2.210590A | G | 0.1785 | 4000 |
| 15 chrE2.210961A | G | 0.497 | 3958 |
| 15 chrE2.211517A | G | 0.1119 | 3932 |
| 15 chrE2.212261A | G | 0.2641 | 3994 |
| 15 chrE2.212509A | G | 0.08867 | 3620 |
| 15 chrE2.212714G | A | 0.3453 | 3994 |
| 15 chrE2.213124A | C | 0.2393 | 3990 |
| 15 chrE2.213512G | A | 0.1515 | 4000 |
| 15 chrE2.213777G | A | 0.2103 | 3894 |
| 15 chrE2.214097G | A | 0.07798 | 3988 |
| 15 chrE2.214554A | G | 0.4937 | 3988 |
| 15 chrE2.215131C | A | 0.4348 | 3990 |
| 15 chrE2.215601G | A | 0.3798 | 3978 |
| 15 chrE2.216158A | G | 0.2463 | 3970 |
| 15 chrE2.216731G | A | 0.2912 | 3994 |
| 15 chrE2.217318A | G | 0.2363 | 4004 |
| 15 chrE2.217585A | G | 0.3064 | 3962 |

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| 15 chrE2.217923A | C | 0.08921 | 4002 |
| 15 chrE2.218651G | A | 0.4274 | 4006 |
| 15 chrE2.219265G | A | 0.4161 | 3992 |
| 15 chrE2.219563A | C | 0.102 | 4000 |
| 15 chrE2.220139A | G | 0.2234 | 3998 |
| 15 chrE2.222038G | A | 0.3518 | 4002 |
| 15 chrE2.222418G | A | 0.08167 | 4004 |
| 15 chrE2.222737A | G | 0.2886 | 4002 |
| 15 chrE2.224850G | A | 0.2667 | 3982 |
| 15 chrE2.224904A | G | 0.2888 | 3764 |
| 15 chrE2.225533A | G | 0.143 | 4006 |
| 15 chrE2.225976C | A | 0.1445 | 3994 |
| 15 chrE2.226560A | C | 0.2505 | 3916 |
| 15 chrE2.227035G | A | 0.4558 | 4004 |
| 15 chrE2.227469A | G | 0.364 | 3984 |
| 15 chrE2.228733A | G | 0.4066 | 3992 |
| 15 chrE2.229208A | C | 0.08822 | 3820 |
| 15 chrE2.229650C | A | 0.4118 | 3968 |
| 15 chrE2.230005G | A | 0.07725 | 4000 |
| 15 chrE2.230510G | A | 0.2088 | 4004 |
| 15 chrE2.230973C | A | 0.4254 | 3980 |
| 15 chrE2.231329G | A | 0.2746 | 3998 |
| 15 chrE2.231666A | G | 0.4081 | 4004 |
| 15 chrE2.232238A | C | 0.08439 | 3934 |
| 15 chrE2.232598C | A | 0.008457 | 3902 |
| 15 chrE2.233220G | A | 0.4803 | 4004 |
| 15 chrE2.233466G | A | 0.07917 | 4004 |
| 15 chrE2.233759G | A | 0.2095 | 4004 |
| 15 chrE2.234657A | G | 0.2588 | 3702 |
| 15 chrE2.235037A | G | 0.04493 | 3806 |
| 15 chrE2.235567A | C | 0.462 | 3998 |
| 15 chrE2.235977G | A | 0.2887 | 4004 |
| 15 chrE2.236415G | A | 0.009714 | 3912 |
| 15 chrE2.236858C | A | 0.4306 | 3948 |
| 15 chrE2.237201A | G | 0.07003 | 3970 |
| 15 chrE2.237473A | G | 0.1302 | 3994 |
| 15 chrE2.237908G | A | 0.443 | 3984 |
| 15 chrE2.238228G | A | 0.3182 | 3768 |
| 15 chrE2.238697G | A | 0.4813 | 4004 |
| 15 chrE2.238716G | A | 0.316 | 4000 |
| 15 chrE2.239096A | C | 0.1345 | 3978 |

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| 15 chrE2.239582A | G | 0.371 | 3922 |
| 15 chrE2.240244G | A | 0.3986 | 4004 |
| 15 chrE2.240537G | A | 0.1123 | 3990 |
| 15 chrE2.240911A | C | 0.1782 | 3946 |
| 15 chrE2.241433G | A | 0.4655 | 3998 |
| 15 chrE2.242213C | A | 0.335 | 4006 |
| 15 chrE2.242548G | A | 0.1606 | 3954 |
| 15 chrE2.243030G | A | 0.08821 | 3968 |
| 15 chrE2.243544A | G | 0.3588 | 3930 |
| 15 chrE2.244043A | G | 0.1053 | 3940 |
| 15 chrE2.244491A | G | 0.09306 | 4008 |
| 15 chrE2.245270A | G | 0.1508 | 3906 |
| 15 chrE2.245764C | A | 0.3973 | 3974 |
| 15 chrE2.246102C | A | 0.3819 | 3888 |
| 15 chrE2.246594G | A | 0.3932 | 4000 |
| 15 chrE2.247082A | G | 0.483 | 4006 |
| 15 chrE2.247324G | A | 0.1111 | 4006 |
| 15 chrE2.247485A | G | 0.2376 | 3978 |
| 15 chrE2.247989A | G | 0.2335 | 4000 |
| 15 chrE2.248280G | A | 0.2686 | 4002 |
| 15 chrE2.248835A | G | 0.2975 | 4000 |
| 15 chrE2.249338A | C | 0.1253 | 4006 |
| 15 chrE2.249351A | G | 0.03641 | 3982 |
| 15 chrE2.250178A | G | 0.1545 | 3980 |
| 15 chrE2.250781A | G | 0.4937 | 3996 |
| 15 chrE2.251258G | A | 0.2658 | 3988 |
| 15 chrE2.251520G | A | 0.4303 | 4004 |
| 15 chrE2.251799A | G | 0.08494 | 3744 |
| 15 chrE2.252069G | A | 0.04668 | 4006 |
| 15 chrE2.252582A | G | 0.3632 | 3990 |
| 15 chrE2.480523G | A | 0.1762 | 4006 |
| 15 chrE2.253051C | A | 0.1737 | 3984 |
| 15 chrE2.253441G | A | 0.1164 | 4004 |
| 15 chrE2.253895C | A | 0.4483 | 3986 |
| 15 chrE2.254394A | C | 0.3886 | 4004 |
| 15 chrE2.254806A | G | 0.026 | 4000 |
| 15 chrE2.255455A | G | 0.2403 | 4004 |
| 15 chrE2.255908A | G | 0.1034 | 3944 |
| 15 chrE2.256297G | A | 0.07051 | 3872 |
| 15 chrUn.370181G | A | 0.2309 | 4006 |
| 15 chrE2.256888A | C | 0.123 | 3920 |

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| 15 chrE2.257273G | A | 0.4748 | 3966 |
| 15 chrE2.25773CA | C | 0.3648 | 4000 |
| 15 chrE2.257514A | G | 0.1914 | 4002 |
| 15 chrE2.258137A | G | 0.1517 | 4008 |
| 15 chrX.2897667G | A | 0.2056 | 3984 |
| 15 chrE2.259515C | A | 0.24 | 3996 |
| 15 chrE2.260121A | G | 0.3932 | 4000 |
| 15 chrE2.260453A | G | 0.005682 | 3872 |
| 15 chrE2.261022G | A | 0.1092 | 4002 |
| 15 chrE2.261123 | 0 G | 0 | 4008 |
| 15 chrE2.261555A | G | 0.2077 | 3938 |
| 15 chrE2.262171A | G | 0.2904 | 4008 |
| 15 chrE2.262596G | A | 0.3388 | 3982 |
| 15 chrE2.262972A | G | 0.3571 | 3988 |
| 15 chrE2.263370G | A | 0.3448 | 3988 |
| 15 chrE2.263800G | A | 0.2651 | 3998 |
| 15 chrE2.264227G | A | 0.445 | 3984 |
| 15 chrE2.264677A | G | 0.4825 | 3998 |
| 15 chrE2.265040A | G | 0.4435 | 3932 |
| 15 chrE2.265287A | G | 0.05672 | 4002 |
| 15 chrE2.266003G | A | 0.1272 | 4000 |
| 15 chrE2.266464A | C | 0.08803 | 3976 |
| 15 chrE2.267275A | G | 0.4755 | 3960 |
| 15 chrE2.267310G | A | 0.3231 | 3952 |
| 15 chrE2.268010A | G | 0.1166 | 3988 |
| 15 chrE2.268454A | G | 0.3213 | 3996 |
| 15 chrE2.269016G | A | 0.4372 | 3962 |
| 15 chrE2.269402A | G | 0.3478 | 4000 |
| 15 chrE2.269787A | C | 0.2273 | 3960 |
| 15 chrE2.270224G | A | 0.3855 | 3920 |
| 15 chrE2.270887G | A | 0.396 | 3962 |
| 15 chrE2.271224G | A | 0.00375 | 4000 |
| 15 chrE2.271934A | G | 0.4468 | 4006 |
| 15 chrE2.272214G | A | 0.265 | 4004 |
| 15 chrE2.272736A | G | 0.05613 | 3706 |
| 15 chrE2.273329A | G | 0.1708 | 3992 |
| 15 chrE2.273859A | G | 0.04291 | 4008 |
| 15 chrE2.274844G | A | 0.4798 | 3954 |
| 15 chrE2.275390C | A | 0.06147 | 3986 |
| 15 chrE2.275911A | G | 0.4241 | 3938 |
| 15 chrE2.276345A | C | 0.07139 | 3922 |

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| 15 chrE2.276451A | G | 0.4497 | 3920 |
| 15 chrE2.27686CA | G | 0.2684 | 4002 |
| 15 chrE2.277242A | C | 0.2349 | 3930 |
| 15 chrE2.277428A | G | 0.1102 | 4002 |
| 15 chrE2.277527G | A | 0.1039 | 3984 |
| 15 chrE2.277929C | A | 0.3187 | 3994 |
| 15 chrE2.278449G | A | 0.4113 | 4002 |
| 15 chrE2.279359G | A | 0.06294 | 4004 |
| 15 chrE2.279766A | G | 0.0756 | 3902 |
| 15 chrE2.280084C | A | 0.07332 | 4010 |
| 15 chrE2.281397G | A | 0.1543 | 3974 |
| 15 chrE2.281739A | G | 0.3668 | 3972 |
| 15 chrE2.282164A | G | 0.1144 | 4004 |
| 15 chrE2.282177G | A | 0.0009995 | 4002 |
| 15 chrE2.282525A | G | 0.03716 | 4010 |
| 15 chrE2.282796A | G | 0.01022 | 4010 |
| 15 chrE2.283245A | G | 0.2554 | 3982 |
| 15 chrE2.283917A | G | 0.07846 | 4002 |
| 15 chrE2.284159C | A | 0.1228 | 3884 |
| 15 chrE2.284979G | A | 0.05292 | 3968 |
| 15 chrE2.285271G | A | 0.03991 | 3984 |
| 15 chrE2.286044A | G | 0.08049 | 3864 |
| 15 chrE2.286362A | G | 0.455 | 4002 |
| 15 chrE2.286874A | G | 0.4818 | 3960 |
| 15 chrE2.287211G | A | 0.407 | 4000 |
| 15 chrE2.287664G | A | 0.1758 | 3998 |
| 15 chrE2.288169G | A | 0.2049 | 3992 |
| 15 chrE2.288884G | A | 0.092 | 3848 |
| 15 chrUn.13981A | G | 0.2209 | 3998 |
| 15 chrE2.289696G | A | 0.3585 | 3994 |
| 15 chrE2.289428G | A | 0.4831 | 3960 |
| 15 chrE2.290101A | C | 0.2474 | 4006 |
| 15 chrE2.290684A | G | 0.006983 | 4010 |
| 15 chrE2.291093A | G | 0.2852 | 3888 |
| 15 chrE2.291367A | G | 0.1204 | 4004 |
| 15 chrE2.291663A | G | 0.1924 | 4002 |
| 15 chrE2.292443A | G | 0.04899 | 3776 |
| 15 chrE2.292822A | G | 0.1322 | 4010 |
| 15 chrE2.293371G | A | 0.09274 | 3968 |
| 15 chrE2.293692G | A | 0.2096 | 4008 |
| 15 chrE2.294066A | G | 0.2283 | 3964 |

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| 15 chrE2.294367G | A | 0.07405 | 3984 |
| 15 chrE2.294810G | A | 0.01897 | 4006 |
| 15 chrE2.295732G | A | 0.07727 | 3986 |
| 15 chrE2.296016A | G | 0.1569 | 3990 |
| 15 chrE2.296470A | G | 0.3165 | 4000 |
| 15 chrE2.296865C | A | 0.3449 | 3972 |
| 15 chrE2.297199A | G | 0.2115 | 3996 |
| 15 chrE2.297739A | G | 0.224 | 3978 |
| 15 chrE2.298435G | A | 0.06462 | 4008 |
| 15 chrE2.298680G | A | 0.2541 | 3986 |
| 15 chrE2.299083G | A | 0.07855 | 4010 |
| 15 chrE2.299376G | A | 0.1029 | 4004 |
| 15 chrE2.299949A | G | 0.0855 | 4000 |
| 15 chrE2.300318G | A | 0.06735 | 3890 |
| 15 chrE2.300559A | G | 0.114 | 3964 |
| 15 chrE2.301014G | A | 0.4032 | 3842 |
| 15 chrE2.301339A | G | 0.2784 | 3976 |
| 15 chrE2.301668G | A | 0.3365 | 3994 |
| 15 chrE2.302093A | G | 0.08092 | 4004 |
| 15 chrE2.302217C | A | 0.0005008 | 3994 |
| 15 chrE2.302665A | G | 0.1798 | 3998 |
| 15 chrE2.303469A | G | 0.3054 | 3978 |
| 15 chrE2.303747G | A | 0.3312 | 3988 |
| 15 chrE2.304064A | G | 0.4807 | 3994 |
| 15 chrE2.304545A | G | 0.2504 | 4002 |
| 15 chrE2.304819A | G | 0.2988 | 3966 |
| 15 chrE2.305058G | A | 0.4284 | 3980 |
| 15 chrE2.305864C | A | 0.1916 | 3998 |
| 15 chrE2.306535G | A | 0.03295 | 4006 |
| 15 chrE2.307097A | G | 0.4046 | 4006 |
| 15 chrE2.307422A | G | 0.03566 | 4010 |
| 15 chrE2.307666A | G | 0.2625 | 3924 |
| 15 chrE2.308293C | A | 0.1242 | 3920 |
| 15 chrE2.308664A | G | 0.134 | 3776 |
| 15 chrE2.309023A | G | 0.3558 | 3988 |
| 15 chrE2.309269G | A | 0.4445 | 3998 |
| 15 chrE2.309872A | G | 0.09406 | 4008 |
| 15 chrE2.310122A | G | 0.05458 | 3994 |
| 15 chrE2.310631G | A | 0.381 | 3984 |
| 15 chrE2.310886A | C | 0.3917 | 4008 |
| 15 chrE2.311295A | G | 0.06435 | 3994 |

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| 15 chrE2.312120C | A | 0.3449 | 3990 |
| 15 chrE2.312423G | A | 0.2261 | 3946 |
| 15 chrE2.312888A | G | 0.2925 | 4004 |
| 15 chrUn.491379G | A | 0.3393 | 4002 |
| 15 chrE2.313233A | G | 0.1808 | 3904 |
| 15 chrE2.313483C | A | 0.1113 | 3954 |
| 15 chrE2.313826G | A | 0.2021 | 4008 |
| 15 chrE2.314303G | A | 0.4471 | 3990 |
| 15 chrE2.314984G | A | 0.2032 | 4006 |
| 15 chrE2.315634A | G | 0.437 | 3984 |
| 15 chrE2.316179A | G | 0.203 | 4004 |
| 15 chrE2.316548A | G | 0.2346 | 3994 |
| 15 chrE2.317161A | C | 0.04684 | 3992 |
| 15 chrE2.317346A | G | 0.02244 | 4010 |
| 15 chrE2.317765A | G | 0.4813 | 4000 |
| 15 chrE2.318049A | G | 0.3028 | 3864 |
| 15 chrE2.318456A | C | 0.3198 | 3984 |
| 15 chrE2.318739A | G | 0.3164 | 4004 |
| 15 chrE2.318996A | G | 0.201 | 4000 |
| 15 chrX.7483332 | 0 G | 0 | 4010 |
| 15 chrUn.219301C | A | 0.02197 | 4006 |
| 15 chrUn.219301G | A | 0.05667 | 4006 |
| 15 chrX.7487500G | A | 0.02445 | 4008 |
| 15 chrUn.266319A | C | 0.02026 | 3998 |
| 15 chrD2.165964A | G | 0.2053 | 4004 |
| 15 chrUn1.20294C | A | 0.2006 | 3934 |
| 15 chrUn1.20261A | G | 0.06877 | 3766 |
| 15 chrUn1.20241A | C | 0.02201 | 3998 |
| 15 chrUn.643431A | C | 0.02246 | 4008 |
| 15 chrUn.636088G | A | 0.198 | 3778 |
| 15 chrUn1.20091A | G | 0.006202 | 3870 |
| 15 chrUn.689290 | 0 G | 0 | 3950 |
| 15 chrUn1.20006G | A | 0.05667 | 4006 |
| 15 chrUn.656874A | G | 0.02244 | 4010 |
| 15 chrUn1.19951A | G | 0.1065 | 3766 |
| 15 chrUn1.19891G | A | 0.3127 | 4000 |
| 15 chrUn1.19858G | A | 0.02246 | 4008 |
| 15 chrUn1.19821A | G | 0.2044 | 3938 |
| 15 chrUn1.19804G | A | 0.01698 | 3946 |
| 15 chrUn14.3741A | C | 0.2892 | 4004 |
| 15 chrUn.785744A | G | 0.01733 | 3866 |

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| 15 chrC1.407322G | A | 0.3806 | 4002 |
| 15 chrUn1.19769G | A | 0.1237 | 3984 |
| 15 chrC1.407594A | G | 0.0227 | 4008 |
| 15 chrC1.407955A | C | 0.1105 | 3990 |
| 15 chrC1.408281G | A | 0.123 | 3992 |
| 15 chrC1.408851G | A | 0.03766 | 3850 |
| 15 chrC1.409361A | G | 0.1689 | 3972 |
| 15 chrC1.409954A | G | 0.03117 | 4010 |
| 15 chrC1.410059G | A | 0.4757 | 3994 |
| 15 chrC1.410369A | G | 0.2418 | 3986 |
| 15 chrC1.410688G | A | 0.02195 | 4010 |
| 15 chrC1.411083A | G | 0.04418 | 3938 |
| 15 chrC1.411360A | G | 0.4982 | 3876 |
| 15 chrC1.411717A | G | 0.2571 | 4002 |
| 15 chrUn2.35901C | A | 0.4186 | 4006 |
| 15 chrUn2.35474A | G | 0.4164 | 3970 |
| 15 chrUn2.34793A | G | 0.4231 | 3992 |
| 15 chrUn2.34453C | A | 0.1091 | 3958 |
| 15 chrUn2.34063C | A | 0.3904 | 4006 |
| 15 chrUn2.33554A | C | 0.1095 | 3956 |
| 15 chrUn2.33094A | G | 0.3811 | 4004 |
| 15 chrUn2.32769G | A | 0.2528 | 3992 |
| 15 chrUn2.32769A | G | 0.00125 | 4000 |
| 15 chrUn2.32273A | G | 0.3802 | 4000 |
| 15 chrUn2.31903G | A | 0.1706 | 3992 |
| 15 chrUn2.31183G | A | 0.2992 | 4004 |
| 15 chrUn2.30911A | G | 0.1116 | 4004 |
| 15 chrUn2.30580G | A | 0.1056 | 3958 |
| 15 chrUn2.30189G | A | 0.1352 | 4000 |
| 15 chrE2.328952G | A | 0.4375 | 3984 |
| 15 chrE2.329261A | G | 0.1081 | 3998 |
| 15 chrE2.330025A | C | 0.126 | 3936 |
| 15 chrE2.330464G | A | 0.07789 | 3980 |
| 15 chrE2.330907G | A | 0.1795 | 3966 |
| 15 chrE2.331348A | G | 0.1454 | 3962 |
| 15 chrE2.331845A | G | 0.08271 | 4002 |
| 15 chrE2.332277G | A | 0.3207 | 4004 |
| 15 chrE2.332648A | G | 0.1204 | 3946 |
| 15 chrE2.333132G | A | 0.03852 | 3842 |
| 15 chrE2.333539G | A | 0.4697 | 3990 |
| 15 chrE2.333938A | G | 0.05095 | 4004 |

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| 15 chrE2.334438C | A | 0.2086 | 3902 |
| 15 chrUn.635301A | G | 0.2736 | 3998 |
| 15 chrE2.334694A | G | 0.04543 | 4006 |
| 15 chrE2.335323G | A | 0.1855 | 3990 |
| 15 chrE2.335586A | C | 0.4947 | 3984 |
| 15 chrE2.335886C | A | 0.3584 | 3976 |
| 15 chrE2.336192A | G | 0.481 | 3996 |
| 15 chrE2.336510A | C | 0.1582 | 3944 |
| 15 chrE2.336809C | A | 0.2817 | 3894 |
| 15 chrE2.337206A | G | 0.3744 | 3974 |
| 15 chrE2.337726A | C | 0.2807 | 3972 |
| 15 chrE2.338300A | G | 0.4029 | 3996 |
| 15 chrE2.338332A | G | 0.2914 | 4008 |
| 15 chrE2.338630G | A | 0.3987 | 3880 |
| 15 chrE2.339180G | A | 0.0295 | 4000 |
| 15 chrE2.339777A | G | 0.4845 | 3998 |
| 15 chrE2.340220G | A | 0.3712 | 3922 |
| 15 chrE2.340486G | A | 0.2011 | 4002 |
| 15 chrE2.340596G | A | 0.2811 | 4002 |
| 15 chrE2.340638A | G | 0.1924 | 3810 |
| 15 chrE2.340986G | A | 0.333 | 4000 |
| 15 chrE2.341418A | G | 0.3865 | 3920 |
| 15 chrE2.341896A | G | 0.0509 | 3988 |
| 15 chrE2.342183G | A | 0.273 | 4004 |
| 15 chrE2.342563C | A | 0.2591 | 3936 |
| 15 chrE2.343156A | C | 0.2927 | 3974 |
| 15 chrE2.343595A | G | 0.2474 | 3994 |
| 15 chrE2.343994G | A | 0.06494 | 4004 |
| 15 chrE2.344320A | G | 0.2831 | 3956 |
| 15 chrE2.344864A | G | 0.2166 | 3928 |
| 15 chrE2.345235A | G | 0.1232 | 3976 |
| 15 chrE2.345614A | G | 0.3377 | 4000 |
| 15 chrE2.345629G | A | 0.072 | 4000 |
| 15 chrE2.346309A | G | 0.2999 | 3908 |
| 15 chrE2.346627A | G | 0.4097 | 3932 |
| 15 chrE2.346941A | G | 0.1053 | 3978 |
| 15 chrE2.347850G | A | 0.3643 | 4002 |
| 15 chrE2.348373G | A | 0.1877 | 3804 |
| 15 chrE2.348711A | G | 0.3281 | 3910 |
| 15 chrE2.349098G | A | 0.305 | 3980 |
| 15 chrE2.349452A | G | 0.03042 | 4010 |

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| 15 chrE2.34985C A | G | 0.411 | 3998 |
| 15 chrE2.35016C C | A | 0.3834 | 3998 |
| 15 chrE2.350467 A | G | 0.2215 | 4004 |
| 15 chrE2.351043 A | G | 0.2559 | 3958 |
| 15 chrE2.351501 G | A | 0.2539 | 3994 |
| 15 chrE2.352075 A | C | 0.03292 | 4010 |
| 15 chrE2.352367 A | G | 0.01422 | 4008 |
| 15 chrE2.352941 A | G | 0.2378 | 3948 |
| 15 chrE2.353713 G | A | 0.1971 | 4004 |
| 15 chrE2.354049 A | G | 0.2987 | 3840 |
| 15 chrE2.354469 G | A | 0.3149 | 3988 |
| 15 chrE2.355491 G | A | 0.1159 | 3976 |
| 15 chrE2.356677 C | A | 0.0998 | 3968 |
| 15 chrE2.356915 A | C | 0.3667 | 3990 |
| 15 chrE2.357165 G | A | 0.4852 | 3988 |
| 15 chrE2.357491 A | C | 0.4594 | 3986 |
| 15 chrE2.357809 G | A | 0.01697 | 4008 |
| 15 chrE2.358344 G | A | 0.1257 | 3986 |
| 15 chrE2.358814 A | G | 0.06553 | 3998 |
| 15 chrE2.359158 A | G | 0.2337 | 3992 |
| 15 chrE2.359411 G | A | 0.007992 | 4004 |
| 15 chrE2.359479 A | G | 0.1735 | 3988 |
| 15 chrE2.360196 G | A | 0.1111 | 3998 |
| 15 chrE2.36096C G | A | 0.3859 | 3954 |
| 15 chrE2.361998 G | A | 0.05037 | 4010 |
| 15 chrE2.362735 C | A | 0.1246 | 4004 |
| 15 chrE2.363233 A | G | 0.07068 | 4004 |
| 15 chrE2.363502 G | A | 0.1941 | 3930 |
| 15 chrE2.363884 C | A | 0.3332 | 3968 |
| 15 chrE2.364428 G | A | 0.02319 | 4010 |
| 15 chrE2.365711 G | A | 0.2951 | 3910 |
| 15 chrE2.366135 G | A | 0.1647 | 3996 |
| 15 chrE2.366647 A | G | 0.225 | 4008 |
| 15 chrE2.366997 A | G | 0.2481 | 4006 |
| 15 chrE2.36778C G | A | 0.194 | 3908 |
| 15 chrE2.36832C A | G | 0.4082 | 3996 |
| 15 chrE2.36864C A | G | 0.1476 | 3990 |
| 15 chrE2.369492 A | G | 0.24 | 3988 |
| 15 chrE2.369986 A | G | 0.3122 | 3828 |
| 15 chrE2.370423 A | G | 0.1204 | 3962 |
| 15 chrE2.370782 A | G | 0.02645 | 4008 |

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| 15 chrE2.371753G | A | 0.2017 | 3936 |
| 15 chrE2.372166A | G | 0.4102 | 3964 |
| 15 chrE2.372492A | G | 0.06118 | 3874 |
| 15 chrE2.372817A | G | 0.4905 | 4006 |
| 15 chrE2.373358G | A | 0.05187 | 4010 |
| 15 chrE2.373863C | A | 0.08984 | 3996 |
| 15 chrE2.374188G | A | 0.4053 | 3844 |
| 15 chrE2.374671A | C | 0.2747 | 4000 |
| 15 chrE2.375260C | A | 0.09511 | 4006 |
| 15 chrE2.375836A | G | 0.2415 | 3988 |
| 15 chrE2.376174A | G | 0.2119 | 3992 |
| 15 chrE2.376622A | G | 0.1873 | 3598 |
| 15 chrE2.376881A | C | 0.4815 | 3990 |
| 15 chrE2.377030A | G | 0.2622 | 4000 |
| 15 chrE2.377545A | G | 0.08773 | 3978 |
| 15 chrE2.379542G | A | 0.2847 | 4000 |
| 15 chrE2.379826A | G | 0.2794 | 3980 |
| 15 chrE2.380182G | A | 0.3819 | 3996 |
| 15 chrE2.380476A | G | 0.06917 | 3990 |
| 15 chrE2.380749G | A | 0.451 | 4002 |
| 15 chrE2.381164G | A | 0.3293 | 3996 |
| 15 chrE2.381332G | A | 0.3852 | 4000 |
| 15 chrE2.381815A | G | 0.1604 | 4008 |
| 15 chrE2.382540G | A | 0.3546 | 4004 |
| 15 chrE2.383093G | A | 0.1916 | 4008 |
| 15 chrE2.383605A | G | 0.2525 | 4008 |
| 15 chrE2.384024A | G | 0.07617 | 4004 |
| 15 chrE2.384808A | C | 0.2817 | 3994 |
| 15 chrE2.385764G | A | 0.3597 | 3998 |
| 15 chrE2.386058A | G | 0.1661 | 3974 |
| 15 chrE2.386338G | A | 0.4905 | 3990 |
| 15 chrE2.386791A | C | 0.4059 | 3954 |
| 15 chrE2.387534G | A | 0.01847 | 4006 |
| 15 chrE2.387947A | G | 0.08308 | 4008 |
| 15 chrD4.125205C | A | 0.4207 | 3998 |
| 15 chrE2.388558A | G | 0.3512 | 3978 |
| 15 chrE2.388918G | A | 0.03025 | 3868 |
| 15 chrE2.389617A | C | 0.01548 | 4006 |
| 15 chrE2.389917C | A | 0.1545 | 4000 |
| 15 chrE2.390238A | G | 0.4323 | 4004 |
| 15 chrE2.390616A | G | 0.125 | 3992 |

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| 15 chrUn12.8163A | C | 0.4313 | 4002 |
| 15 chrE2.391067C | A | 0.2474 | 4002 |
| 15 chrE2.391405A | G | 0.4527 | 3998 |
| 15 chrE2.392267A | G | 0.158 | 4000 |
| 15 chrE2.392902G | A | 0.1563 | 3998 |
| 15 chrE2.393920A | G | 0.4484 | 3990 |
| 15 chrE2.394186A | G | 0.2052 | 3996 |
| 15 chrE2.394589A | C | 0.4265 | 4002 |
| 15 chrE2.395271A | G | 0.1748 | 3994 |
| 15 chrE2.395511A | G | 0.303 | 3994 |
| 15 chrE2.396492A | G | 0.1623 | 3752 |
| 15 chrE2.396830G | A | 0.1458 | 4006 |
| 15 chrE2.397073C | A | 0.3647 | 4006 |
| 15 chrUn.407603C | A | 0.1232 | 3954 |
| 15 chrE2.397405A | G | 0.451 | 4002 |
| 15 chrE2.397713A | G | 0.3465 | 3908 |
| 15 chrE2.398051A | G | 0.2349 | 3998 |
| 15 chrE2.398302C | A | 0.4574 | 3994 |
| 15 chrE2.398575A | G | 0.1217 | 4000 |
| 15 chrE2.398818A | C | 0.2045 | 4004 |
| 15 chrE2.400172G | A | 0.4274 | 4006 |
| 15 chrE2.400421A | G | 0.4686 | 3976 |
| 15 chrE2.400801A | G | 0.0002494 | 4010 |
| 15 chrE2.400908G | A | 0.338 | 3988 |
| 15 chrE2.401465G | A | 0.4767 | 3994 |
| 15 chrE2.401499A | G | 0.3235 | 3984 |
| 15 chrE2.401800G | A | 0.4797 | 3884 |
| 15 chrE2.403040G | A | 0.393 | 3992 |
| 15 chrE2.403295G | A | 0.3606 | 3988 |
| 15 chrE2.403729A | G | 0.05686 | 4010 |
| 15 chrE2.404018G | A | 0.4309 | 3982 |
| 15 chrE2.404322A | G | 0.05436 | 3992 |
| 15 chrE2.404714A | G | 0.2608 | 3996 |
| 15 chrE2.405144G | A | 0.2884 | 3984 |
| 15 chrE2.405527G | A | 0.4579 | 3990 |
| 15 chrE2.405843A | G | 0.4362 | 3994 |
| 15 chrE2.406188A | G | 0.274 | 3992 |
| 15 chrE2.406647C | A | 0.078 | 4000 |
| 15 chrE2.406902A | G | 0.02848 | 3932 |
| 15 chrE2.407206A | C | 0.1607 | 3990 |
| 15 chrE2.407695G | A | 0.1751 | 3998 |

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| 15 chrE2.407983G | A | 0.01176 | 3996 |
| 15 chrE2.408264A | G | 0.01698 | 4004 |
| 15 chrE2.408659G | A | 0.3276 | 3996 |
| 15 chrE2.408801G | A | 0.1906 | 3940 |
| 15 chrE2.409200A | G | 0.1757 | 3996 |
| 15 chrE2.409506G | A | 0.3885 | 4010 |
| 15 chrE2.409755G | A | 0.2787 | 3994 |
| 15 chrE2.410150A | G | 0.0984 | 3994 |
| 15 chrE2.410491A | G | 0.2062 | 3696 |
| 15 chrE2.411114G | A | 0.4197 | 3984 |
| 15 chrE2.411429A | G | 0.06363 | 3992 |
| 15 chrE2.411675G | A | 0.1923 | 4000 |
| 15 chrE2.411989G | A | 0.2806 | 3992 |
| 15 chrE2.412421G | A | 0.3536 | 4010 |
| 15 chrE2.413526A | G | 0.09002 | 4010 |
| 15 chrE2.413887A | C | 0.1203 | 4006 |
| 15 chrE2.414413A | G | 0.03919 | 4006 |
| 15 chrE2.414745A | G | 0.1951 | 4004 |
| 15 chrE2.414987A | G | 0.05931 | 3996 |
| 15 chrE2.415317A | C | 0.3367 | 4004 |
| 15 chrE2.416784G | A | 0.3192 | 3972 |
| 15 chrE2.417521A | G | 0.103 | 4008 |
| 15 chrE2.418012G | A | 0.08392 | 4004 |
| 15 chrE2.418299A | G | 0.2354 | 3994 |
| 15 chrE2.418684A | G | 0.3114 | 3988 |
| 15 chrE2.419040A | G | 0.2516 | 3998 |
| 15 chrE2.419367A | G | 0.1075 | 3918 |
| 15 chrE2.419750A | G | 0.1136 | 4004 |
| 15 chrE2.420608G | A | 0.07484 | 3982 |
| 15 chrE2.420625A | G | 0.0002506 | 3990 |
| 15 chrE2.421152G | A | 0.1947 | 3996 |
| 15 chrE2.421184 | 0 G | 0 | 4008 |
| 15 chrE2.422382A | G | 0.1108 | 4000 |
| 15 chrE2.422851G | A | 0.2117 | 4006 |
| 15 chrE2.423177A | G | 0.457 | 4000 |
| 15 chrE2.423857C | A | 0.4482 | 3996 |
| 15 chrE2.424555G | A | 0.06344 | 4004 |
| 15 chrE2.425176G | A | 0.1522 | 3994 |
| 15 chrE2.425612G | A | 0.3756 | 3962 |
| 15 chrE2.428263A | C | 0.4502 | 3994 |
| 15 chrE2.428805A | G | 0.01951 | 3998 |

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| 15 chrE2.429198A | C | 0.4024 | 3976 |
| 15 chrE2.429481A | G | 0.4316 | 4004 |
| 15 chrE2.42979CA | G | 0.01512 | 3968 |
| 15 chrE2.430422G | A | 0.4086 | 4004 |
| 15 chrE2.430879G | A | 0.08816 | 4004 |
| 15 chrE2.431228A | G | 0.3591 | 3996 |
| 15 chrE2.431499A | G | 0.4737 | 3956 |
| 15 chrE2.431872G | A | 0.3138 | 4002 |
| 15 chrE2.432345G | A | 0.285 | 3954 |
| 15 chrE2.432606G | A | 0.2354 | 4002 |
| 15 chrE2.432891G | A | 0.1901 | 3998 |
| 15 chrE2.433344A | G | 0.3677 | 3992 |
| 15 chrE2.433657G | A | 0.1976 | 3992 |
| 15 chrE2.434158A | G | 0.06808 | 3966 |
| 15 chrE2.434465G | A | 0.2107 | 3958 |
| 15 chrE2.43474CA | A | 0.3779 | 3922 |
| 15 chrE2.435146A | G | 0.2608 | 4000 |
| 15 chrE2.435611G | A | 0.07418 | 4004 |
| 15 chrE2.435882G | A | 0.2144 | 4002 |
| 15 chrE2.436205A | G | 0.1803 | 4000 |
| 15 chrE2.436609G | A | 0.4872 | 3988 |
| 15 chrE2.436996C | A | 0.1982 | 3996 |
| 15 chrE2.437628G | A | 0.02172 | 4006 |
| 15 chrE2.437906 | 0 A | 0 | 3994 |
| 15 chrE2.438394G | A | 0.2587 | 4004 |
| 15 chrE2.438847A | G | 0.1078 | 3990 |
| 15 chrE2.439163G | A | 0.04596 | 3938 |
| 15 chrE2.43924CA | A | 0.3009 | 3982 |
| 15 chrE2.439763A | G | 0.08458 | 3996 |
| 15 chrE2.44007CA | G | 0.1733 | 4004 |
| 15 chrE2.440485G | A | 0.2594 | 3866 |
| 15 chrE2.441187G | A | 0.2981 | 3978 |
| 15 chrE2.441461G | A | 0.0895 | 4000 |
| 15 chrE2.441907A | G | 0.3917 | 3998 |
| 15 chrE2.44227CA | C | 0.178 | 3988 |
| 15 chrE2.44304CA | G | 0.06891 | 3686 |
| 15 chrE2.443285G | A | 0.2557 | 3942 |
| 15 chrE2.44411CA | G | 0.08434 | 3984 |
| 15 chrE2.444624A | G | 0.1186 | 3988 |
| 15 chrE2.445023C | A | 0.4182 | 4008 |
| 15 chrE2.445262A | G | 0.01661 | 3974 |

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| 15 chrE2.445563G | A | 0.1066 | 4004 |
| 15 chrE2.446058A | G | 0.08387 | 4006 |
| 15 chrE2.446534G | A | 0.09553 | 3978 |
| 15 chrE2.446790A | C | 0.0625 | 4000 |
| 15 chrE2.447106G | A | 0.4691 | 3984 |
| 15 chrE2.447226A | G | 0.3427 | 3936 |
| 15 chrE2.447490A | C | 0.04658 | 3950 |
| 15 chrE2.448339G | A | 0.2529 | 3998 |
| 15 chrE2.448686A | G | 0.02547 | 4004 |
| 15 chrE2.448964A | G | 0.1811 | 4004 |
| 15 chrE2.449432A | G | 0.2503 | 3996 |
| 15 chrE2.450181A | G | 0.2221 | 3994 |
| 15 chrE2.450452A | G | 0.2031 | 3998 |
| 15 chrE2.450700G | A | 0.4211 | 3978 |
| 15 chrE2.450701A | G | 0.004745 | 4004 |
| 15 chrE2.450998A | G | 0.215 | 3972 |
| 15 chrUn.181524A | G | 0.3343 | 3996 |
| 15 chrUn.365620A | G | 0.2536 | 4006 |
| 15 chrUn5.11360C | A | 0.2795 | 4000 |
| 15 chrUn5.11334A | G | 0.3234 | 3992 |
| 15 chrB4.884289C | A | 0.0009995 | 4002 |
| 15 chrUn5.11200A | G | 0.1548 | 4006 |
| 15 chrUn5.11160G | A | 0.1728 | 3982 |
| 15 chrUn5.11150A | G | 0.4125 | 3896 |
| 15 chrUn5.11120A | G | 0.09223 | 3990 |
| 15 chrUn5.11040A | G | 0.1601 | 3984 |
| 15 chrUn5.11000A | G | 0.04325 | 4000 |
| 15 chrUn5.10980C | A | 0.3054 | 3998 |
| 15 chrUn5.10940C | A | 0.2159 | 3992 |
| 15 chrUn5.10900A | G | 0.2453 | 4004 |
| 15 chrUn5.10860A | C | 0.06234 | 3994 |
| 15 chrUn5.10810G | A | 0.1218 | 4000 |
| 15 chrE2.459934C | A | 0.2205 | 3946 |
| 15 chrE2.460274G | A | 0.279 | 3972 |
| 15 chrE2.461292G | A | 0.4784 | 3982 |
| 15 chrE2.461669A | G | 0.02725 | 4000 |
| 15 chrE2.461912C | A | 0.2347 | 3984 |
| 15 chrE2.462390G | A | 0.2219 | 3956 |
| 15 chrE2.462628C | A | 0.1437 | 3952 |
| 15 chrE2.463079A | G | 0.2646 | 3998 |
| 15 chrE2.463317G | A | 0.2303 | 3986 |

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| 15 chrE2.463857G | A | 0.04033 | 3992 |
| 15 chrE2.464614C | A | 0.4703 | 4004 |
| 15 chrE2.466309C | A | 0.04354 | 3996 |
| 15 chrE2.466561A | G | 0.007738 | 4006 |
| 15 chrE2.466748A | G | 0.03244 | 4008 |
| 15 chrE2.467418A | G | 0.4296 | 3978 |
| 15 chrE2.467754A | G | 0.009505 | 3998 |
| 15 chrE2.468599A | G | 0.4656 | 4008 |
| 15 chrE2.468998G | A | 0.2221 | 3998 |
| 15 chrE2.469532A | G | 0.4196 | 3904 |
| 15 chrE2.469790G | A | 0.4365 | 3984 |
| 15 chrE2.470030A | G | 0.42 | 3898 |
| 15 chrE2.470841A | G | 0.06041 | 4006 |
| 15 chrE2.471077A | G | 0.05123 | 3826 |
| 15 chrE2.471397A | G | 0.003996 | 4004 |
| 15 chrE2.471660C | A | 0.4209 | 3894 |
| 15 chrE2.471957A | G | 0.05592 | 4006 |
| 15 chrE2.472421A | G | 0.02124 | 4002 |
| 15 chrE2.472755A | C | 0.4038 | 4002 |
| 15 chrE2.473163A | G | 0.2917 | 4008 |
| 15 chrE2.474094A | G | 0.1893 | 3994 |
| 15 chrE2.474511A | G | 0.3268 | 4006 |
| 15 chrE2.474989G | A | 0.3274 | 4004 |
| 15 chrE2.475463A | G | 0.08467 | 4004 |
| 15 chrE2.476050A | G | 0.09029 | 3976 |
| 15 chrE2.476398G | A | 0.1903 | 3998 |
| 15 chrE2.476983A | G | 0.2029 | 4006 |
| 15 chrE2.477510A | C | 0.1036 | 3850 |
| 15 chrE2.477775G | A | 0.2215 | 3996 |
| 15 chrE2.478574G | A | 0.1991 | 3968 |
| 15 chrE2.478951A | G | 0.0002516 | 3974 |
| 15 chrE2.479115C | A | 0.2992 | 4004 |
| 15 chrE2.479917G | A | 0.412 | 3998 |
| 15 chrE2.480211C | A | 0.04855 | 3996 |
| 15 chrE2.480972A | G | 0.004491 | 4008 |
| 15 chrE2.481676G | A | 0.3309 | 4004 |
| 15 chrE2.481950A | G | 0.1626 | 3972 |
| 15 chrE2.482256G | A | 0.1537 | 4002 |
| 15 chrE2.482522G | A | 0.09705 | 3936 |
| 15 chrE2.483266A | G | 0.2549 | 4002 |
| 15 chrE2.483707G | A | 0.3769 | 4004 |

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| 15 chrE2.484161A | G | 0.3696 | 3874 |
| 15 chrE2.484242G | A | 0.1496 | 3998 |
| 15 chrE2.484706C | A | 0.2201 | 3984 |
| 15 chrE2.484985A | G | 0.1731 | 4004 |
| 15 chrE2.485377 | 0 G | 0 | 4008 |
| 15 chrE2.486365A | G | 0.1848 | 3988 |
| 15 chrE2.486652A | G | 0.2657 | 3734 |
| 15 chrE2.486963G | A | 0.3072 | 3984 |
| 15 chrE2.487622G | A | 0.2818 | 4006 |
| 15 chrE2.487859A | G | 0.04543 | 4006 |
| 15 chrE2.488193A | G | 0.119 | 3890 |
| 15 chrE2.488266C | A | 0.01397 | 4010 |
| 15 chrE2.488692G | A | 0.008234 | 4008 |
| 15 chrE2.489355G | A | 0.1021 | 3996 |
| 15 chrE2.489742G | A | 0.05564 | 3738 |
| 15 chrE2.490568A | G | 0.1558 | 4004 |
| 15 chrE2.490873A | G | 0.235 | 4008 |
| 15 chrX.2079919A | C | 0.3478 | 3950 |
| 15 chrUn.76027(A | G | 0.03298 | 3972 |
| 15 chrE2.491461A | C | 0.1639 | 3960 |
| 15 chrE2.491767A | G | 0.3838 | 3976 |
| 15 chrE2.492098G | A | 0.1509 | 3996 |
| 15 chrE2.492668A | C | 0.05464 | 4008 |
| 15 chrE2.493217A | G | 0.177 | 3972 |
| 15 chrE2.493750G | A | 0.1365 | 3940 |
| 15 chrE2.494467A | G | 0.02448 | 4004 |
| 15 chrUn.43198(A | G | 0.1197 | 3992 |
| 15 chrE2.495022A | G | 0.1499 | 3922 |
| 15 chrE2.495548G | A | 0.0996 | 4006 |
| 15 chrE2.496385A | G | 0.1208 | 4006 |
| 15 chrE2.496696A | C | 0.3629 | 3996 |
| 15 chrE2.496952G | A | 0.3225 | 3960 |
| 15 chrE2.497143G | A | 0.003245 | 4006 |
| 15 chrE2.497206G | A | 0.1076 | 3978 |
| 15 chrE2.497500G | A | 0.09539 | 3994 |
| 15 chrE2.497774A | G | 0.06137 | 3992 |
| 15 chrE2.498038C | A | 0.3 | 3980 |
| 15 chrE2.498447A | G | 0.169 | 3994 |
| 15 chrE2.498845A | G | 0.4494 | 3990 |
| 15 chrE2.499268G | A | 0.1528 | 3960 |
| 15 chrE2.499756G | A | 0.1322 | 3836 |

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| 15 chrE2.500245G | A | 0.4733 | 4002 |
| 15 chrE2.500814A | G | 0.1319 | 4004 |
| 15 chrE2.501189C | A | 0.3635 | 3992 |
| 15 chrE2.501679A | C | 0.1114 | 3904 |
| 15 chrE2.502037A | C | 0.01108 | 3882 |
| 15 chrE2.502607C | A | 0.1833 | 3998 |
| 15 chrE2.503190A | G | 0.02008 | 3984 |
| 15 chrUn.120350A | G | 0.1541 | 3998 |
| 15 chrE2.503761A | C | 0.4887 | 3998 |
| 15 chrE2.504129C | A | 0.2295 | 4004 |
| 15 chrE2.504549A | G | 0.4036 | 3788 |
| 15 chrE2.505117G | A | 0.3561 | 3976 |
| 15 chrE2.505578G | A | 0.2138 | 4008 |
| 15 chrE2.505827G | A | 0.143 | 3966 |
| 15 chrE2.506170A | G | 0.1949 | 3992 |
| 15 chrE2.506473G | A | 0.118 | 4000 |
| 15 chrE2.506809 | 0 G | 0 | 4010 |
| 15 chrE2.507172A | G | 0.4253 | 3988 |
| 15 chrE2.507409C | A | 0.1502 | 3888 |
| 15 chrE2.507761A | G | 0.1673 | 3988 |
| 15 chrE2.508018A | G | 0.1953 | 4000 |
| 15 chrE2.508768G | A | 0.05786 | 3958 |
| 15 chrE2.509079A | G | 0.4842 | 3996 |
| 15 chrE2.509413A | G | 0.1135 | 3736 |
| 15 chrE2.509748 | 0 A | 0 | 4008 |
| 15 chrE2.510318A | G | 0.2698 | 3940 |
| 15 chrE2.510760A | G | 0.1783 | 3994 |
| 15 chrE2.511078A | G | 0.1209 | 4004 |
| 15 chrE2.511456A | C | 0.4802 | 3980 |
| 15 chrE2.511926A | G | 0.2401 | 4006 |
| 15 chrE2.512249A | G | 0.2277 | 3996 |
| 15 chrE2.513628 | 0 A | 0 | 4008 |
| 15 chrE2.513776G | A | 0.002244 | 4010 |
| 15 chrE2.514152A | G | 0.1281 | 3990 |
| 15 chrE2.514657A | G | 0.1254 | 4004 |
| 15 chrE2.514933A | G | 0.1219 | 4002 |
| 15 chrE2.515252G | A | 0.2237 | 3996 |
| 15 chrE2.515630C | A | 0.1999 | 4002 |
| 15 chrE2.516047A | C | 0.2868 | 4010 |
| 15 chrE2.516400A | G | 0.1711 | 3980 |
| 15 chrE2.516715C | A | 0.2406 | 3990 |

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| 15 chrE2.517036G | A | 0.04044 | 4006 |
| 15 chrE2.517434G | A | 0.3296 | 3974 |
| 15 chrE2.518072A | C | 0.123 | 4000 |
| 15 chrE2.518388A | G | 0.4354 | 3962 |
| 15 chrE2.518645G | A | 0.056 | 4000 |
| 15 chrE2.518907A | G | 0.06135 | 4010 |
| 15 chrE2.519303G | A | 0.2587 | 4004 |
| 15 chrE2.519743A | C | 0.2934 | 3998 |
| 15 chrE2.520340A | G | 0.2054 | 4006 |
| 15 chrE2.520720G | A | 0.002829 | 3888 |
| 15 chrE2.521006A | G | 0.2061 | 3960 |
| 15 chrE2.521522C | A | 0.3369 | 3992 |
| 15 chrE2.521856A | G | 0.2031 | 4008 |
| 15 chrE2.522348A | G | 0.4902 | 3994 |
| 15 chrE2.523197A | G | 0.2031 | 3870 |
| 15 chrE2.523620G | A | 0.005991 | 4006 |
| 15 chrE2.523957A | G | 0.3938 | 3982 |
| 15 chrE2.524278A | G | 0.2751 | 3966 |
| 15 chrE2.524615A | G | 0.2441 | 3880 |
| 15 chrE2.524970C | A | 0.3727 | 4006 |
| 15 chrE2.525954A | G | 0.2465 | 4004 |
| 15 chrE2.526752G | A | 0.08133 | 3910 |
| 15 chrE2.527193C | A | 0.2309 | 4006 |
| 15 chrE2.527488 | 0 C | 0 | 4002 |
| 15 chrE2.527834A | C | 0.3355 | 3970 |
| 15 chrE2.528131A | G | 0.3359 | 4004 |
| 15 chrE2.528342A | G | 0.1857 | 4000 |
| 15 chrE2.528505A | G | 0.3554 | 3998 |
| 15 chrE2.528786C | A | 0.3069 | 3828 |
| 15 chrE2.529489A | G | 0.3397 | 3954 |
| 15 chrE2.530930A | G | 0.01554 | 3990 |
| 15 chrE2.531207A | C | 0.3175 | 3880 |
| 15 chrE2.532932G | A | 0.168 | 4006 |
| 15 chrE2.532949 | 0 G | 0 | 4010 |
| 15 chrE2.534273G | A | 0.2062 | 3996 |
| 15 chrE2.534706A | G | 0.3299 | 3934 |
| 15 chrE2.535124A | C | 0.2466 | 3982 |
| 15 chrE2.536104A | G | 0.2632 | 4004 |
| 15 chrE2.536595G | A | 0.2603 | 3992 |
| 15 chrE2.536837 | 0 A | 0 | 4008 |
| 15 chrE2.537825A | G | 0.1006 | 3986 |

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| 15 chrE2.538534G | A | 0.3569 | 3998 |
| 15 chrE2.538987A | G | 0.3063 | 4000 |
| 15 chrE2.539267A | G | 0.3125 | 3984 |
| 15 chrE2.540277G | A | 0.4157 | 3986 |
| 15 chrE2.540590A | G | 0.002745 | 4008 |
| 15 chrE2.541005G | A | 0.4965 | 4004 |
| 15 chrE2.541508A | G | 0.002246 | 4008 |
| 15 chrE2.542490A | G | 0.002494 | 4010 |
| 15 chrE2.543486A | C | 0.2979 | 3998 |
| 15 chrE2.544121A | G | 0.07788 | 4006 |
| 15 chrE2.544489G | A | 0.01024 | 4004 |
| 15 chrE2.544833A | G | 0.002993 | 4010 |
| 15 chrE2.545099A | G | 0.05894 | 4004 |
| 15 chrE2.545369A | G | 0.3638 | 4000 |
| 15 chrE2.546011C | A | 0.1737 | 4000 |
| 15 chrE2.546363A | G | 0.003244 | 4008 |
| 15 chrE2.546668A | G | 0.01499 | 4004 |
| 15 chrE2.546912 | 0 A | 0 | 3996 |
| 15 chrE2.547238A | G | 0.2955 | 3912 |
| 15 chrE2.547577A | G | 0.2982 | 3980 |
| 15 chrE2.547983A | G | 0.3991 | 4004 |
| 15 chrE2.548247G | A | 0.3072 | 3994 |
| 15 chrE2.548602A | G | 0.06341 | 3990 |
| 15 chrE2.549001A | G | 0.04368 | 4006 |
| 15 chrE2.549258A | G | 0.3383 | 3990 |
| 15 chrE2.549730G | A | 0.4774 | 3852 |
| 15 chrE2.550598G | A | 0.07293 | 4004 |
| 15 chrE2.551251 | 0 A | 0 | 3992 |
| 15 chrE2.551261C | A | 0.06867 | 3990 |
| 15 chrE2.551735A | G | 0.02173 | 4004 |
| 15 chrE2.551968A | G | 0.2624 | 4002 |
| 15 chrE2.552263A | G | 0.2132 | 4006 |
| 15 chrE2.552525A | G | 0.1082 | 3920 |
| 15 chrE2.553017C | A | 0.3292 | 3992 |
| 15 chrE2.553661A | G | 0.4775 | 3734 |
| 15 chrE2.554301A | G | 0.4462 | 3998 |
| 15 chrE2.554903A | G | 0.00524 | 4008 |
| 15 chrE2.554905G | A | 0.3483 | 4008 |
| 15 chrE2.555450C | A | 0.3603 | 3902 |
| 15 chrE2.555712A | G | 0.02701 | 3998 |
| 15 chrE2.556349A | G | 0.2833 | 3982 |

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| 15 chrE2.557001A | G | 0.3069 | 3998 |
| 15 chrE2.557478A | G | 0.4611 | 3934 |
| 15 chrE2.557730G | A | 0.2795 | 4004 |
| 15 chrE2.558417A | G | 0.2955 | 4000 |
| 15 chrE2.558935A | G | 0.1444 | 3656 |
| 15 chrE2.559175A | G | 0.4062 | 4000 |
| 15 chrE2.559422G | A | 0.4147 | 3996 |
| 15 chrE2.560595A | G | 0.2313 | 3922 |
| 15 chrE2.561244A | G | 0.3605 | 4006 |
| 15 chrE2.561557A | G | 0.3657 | 3916 |
| 15 chrUn.624330G | A | 0.3527 | 3998 |
| 15 chrE2.561934A | G | 0.2626 | 3984 |
| 15 chrE2.562295G | A | 0.213 | 4004 |
| 15 chrE2.562731G | A | 0.3876 | 3968 |
| 15 chrE2.563364A | G | 0.2164 | 3998 |
| 15 chrE2.563869A | C | 0.02172 | 4006 |
| 15 chrE2.564314A | G | 0.03473 | 4002 |
| 15 chrE2.564785A | G | 0.1652 | 4002 |
| 15 chrE2.565226G | A | 0.05888 | 4008 |
| 15 chrE2.565966A | G | 0.1618 | 3962 |
| 15 chrE2.566226A | G | 0.07924 | 3988 |
| 15 chrE2.566227 | 0 G | 0 | 4008 |
| 15 chrE2.566582G | A | 0.01498 | 4006 |
| 15 chrE2.567169A | G | 0.131 | 4008 |
| 15 chrE2.567448G | A | 0.03108 | 3990 |
| 15 chrE2.567997G | A | 0.4827 | 3996 |
| 15 chrE2.568644A | G | 0.1626 | 3992 |
| 15 chrE2.569625G | A | 0.1055 | 4008 |
| 15 chrE2.570433G | A | 0.3213 | 4002 |
| 15 chrE2.570919G | A | 0.1318 | 4000 |
| 15 chrE2.571444A | G | 0.2028 | 3994 |
| 15 chrE2.572217G | A | 0.4171 | 3934 |
| 15 chrE2.572638C | A | 0.2348 | 4004 |
| 15 chrE2.572945A | G | 0.4082 | 3976 |
| 15 chrE2.573611G | A | 0.327 | 3994 |
| 15 chrE2.574592G | A | 0.3593 | 3980 |
| 15 chrE2.574941A | G | 0.01447 | 3938 |
| 15 chrE2.575631A | G | 0.08891 | 4004 |
| 15 chrE2.576255G | A | 0.206 | 4000 |
| 15 chrE2.577013A | G | 0.3693 | 4008 |
| 15 chrE2.577070G | A | 0.1338 | 4006 |

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| 15 chrE2.577314G | A | 0.2962 | 3990 |
| 15 chrE2.578338A | G | 0.1995 | 3980 |
| 15 chrE2.578707C | A | 0.02471 | 4006 |
| 15 chrE2.579343A | G | 0.3106 | 4008 |
| 15 chrE2.579898A | C | 0.1805 | 3994 |
| 15 chrE2.580204A | G | 0.4111 | 4006 |
| 15 chrE2.580457A | C | 0.1838 | 3918 |
| 15 chrE2.580794G | A | 0.2846 | 4006 |
| 15 chrE2.581478A | G | 0.05225 | 4000 |
| 15 chrE2.582012G | A | 0.2641 | 4006 |
| 15 chrE2.582878G | A | 0.4487 | 3998 |
| 15 chrE2.583267A | C | 0.06858 | 3864 |
| 15 chrE2.583789A | G | 0.09416 | 4004 |
| 15 chrE2.584778G | A | 0.484 | 3988 |
| 15 chrE2.584846 | 0 G | 0 | 4010 |
| 15 chrE2.584986A | G | 0.0242 | 4008 |
| 15 chrE2.585105A | C | 0.341 | 4000 |
| 15 chrE2.585717A | G | 0.3419 | 3998 |
| 15 chrE2.585963G | A | 0.06738 | 3992 |
| 15 chrE2.587255C | A | 0.1529 | 3996 |
| 15 chrE2.587975C | A | 0.3638 | 4008 |
| 15 chrE2.588364A | C | 0.1546 | 3920 |
| 15 chrE2.588613A | G | 0.04192 | 4008 |
| 15 chrE2.589065A | G | 0.0998 | 3948 |
| 15 chrE2.589323A | G | 0.1035 | 4008 |
| 15 chrE2.589673A | G | 0.2842 | 3990 |
| 15 chrE2.590174G | A | 0.4257 | 3784 |
| 15 chrE2.590515G | A | 0.4503 | 4004 |
| 15 chrE2.591099A | G | 0.1219 | 3912 |
| 15 chrE2.591353G | A | 0.4706 | 3948 |
| 15 chrE2.591668G | A | 0.1746 | 3758 |
| 15 chrE2.592379A | G | 0.4212 | 3920 |
| 15 chrE2.592691G | A | 0.01697 | 3830 |
| 15 chrE2.592930A | G | 0.01546 | 3880 |
| 15 chrE2.593017G | A | 0.1755 | 4000 |
| 15 chrE2.593338C | A | 0.113 | 4000 |
| 15 chrE2.593648A | C | 0.3734 | 3988 |
| 15 chrUn3.53010A | G | 0.4644 | 3850 |
| 15 chrE2.594377G | A | 0.2314 | 4006 |
| 15 chrE2.594810G | A | 0.4554 | 3988 |
| 15 chrE2.595044A | G | 0.2199 | 3948 |

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| 15 chrE2.595109A | G | 0.05786 | 4010 |
| 15 chrE2.595438G | A | 0.1349 | 3982 |
| 15 chrE2.129060G | A | 0.3664 | 3990 |
| 15 chrE2.595823A | G | 0.3405 | 3976 |
| 15 chrE2.596395A | G | 0.2123 | 3994 |
| 15 chrE2.596782C | A | 0.08961 | 3906 |
| 15 chrE2.597071C | A | 0.3686 | 3942 |
| 15 chrE2.597591A | G | 0.3366 | 4002 |
| 15 chrE2.597832G | A | 0.3377 | 4000 |
| 15 chrE2.598484A | C | 0.1765 | 3960 |
| 15 chrE2.598732G | A | 0.3569 | 3998 |
| 15 chrE2.599147G | A | 0.2335 | 3884 |
| 15 chrE2.599533 | 0 A | 0 | 3990 |
| 15 chrE2.599999G | A | 0.3553 | 4000 |
| 15 chrE2.600325A | G | 0.3107 | 3988 |
| 15 chrE2.600914G | A | 0.0566 | 3940 |
| 15 chrE2.601368A | G | 0.08576 | 3976 |
| 15 chrE2.601968G | A | 0.2652 | 4000 |
| 15 chrE2.602528A | G | 0.4953 | 4002 |
| 15 chrE2.602934A | G | 0.4283 | 4000 |
| 15 chrE2.603309A | C | 0.4588 | 3976 |
| 15 chrE2.603773A | G | 0.4835 | 3994 |
| 15 chrE2.604163A | C | 0.2096 | 3974 |
| 15 chrE2.604620A | G | 0.1803 | 3994 |
| 15 chrE2.605577A | G | 0.2873 | 3972 |
| 15 chrE2.606208C | A | 0.3887 | 3988 |
| 15 chrE2.606974A | C | 0.07139 | 4006 |
| 15 chrE2.607464G | A | 0.1311 | 3944 |
| 15 chrE2.607802G | A | 0.1726 | 3968 |
| 15 chrE2.608874A | G | 0.169 | 3994 |
| 15 chrE2.609174G | A | 0.4212 | 3974 |
| 15 chrE2.608360A | G | 0.4309 | 3992 |
| 15 chrE2.609753C | A | 0.4577 | 3998 |
| 15 chrE2.610018A | G | 0.02387 | 3812 |
| 15 chrE2.610366A | G | 0.06185 | 4010 |
| 15 chrE2.610648G | A | 0.07018 | 4004 |
| 15 chrE2.610894A | G | 0.4153 | 4004 |
| 15 chrE2.611426A | G | 0.3044 | 4004 |
| 15 chrE2.611726A | G | 0.2505 | 3988 |
| 15 chrE2.612139G | A | 0.3198 | 3984 |
| 15 chrE2.612547A | G | 0.1248 | 3902 |

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| 15 chrE2.61299C A | C | 0.03236 | 3986 |
| 15 chrE2.613377G | A | 0.3769 | 3996 |
| 15 chrE2.613621G | A | 0.05167 | 4006 |
| 15 chrE2.613983A | G | 0.392 | 3992 |
| 15 chrE2.614273A | G | 0.05267 | 3740 |
| 15 chrE2.614607A | G | 0.4126 | 3980 |
| 15 chrE2.614997A | G | 0.06287 | 4008 |
| 15 chrE2.615483G | A | 0.1069 | 3984 |
| 15 chrE2.615809A | G | 0.4311 | 4004 |
| 15 chrE2.616226G | A | 0.1139 | 3958 |
| 15 chrE2.616563A | G | 0.1185 | 4008 |
| 15 chrE2.617457G | A | 0.2123 | 3984 |
| 15 chrE2.617497A | G | 0.2661 | 3980 |
| 15 chrE2.617731A | G | 0.07368 | 3990 |
| 15 chrE2.618103A | G | 0.2909 | 3994 |
| 15 chrE2.618632A | G | 0.2312 | 3992 |
| 15 chrE2.619020G | A | 0.117 | 3956 |
| 15 chrE2.619507G | A | 0.01822 | 4006 |
| 15 chrE2.619867A | G | 0.2639 | 4006 |
| 15 chrE2.620645A | G | 0.488 | 3996 |
| 15 chrUn.563944A | G | 0.0425 | 4000 |
| 15 chrE2.621186A | G | 0.3752 | 3974 |
| 15 chrE2.621499A | G | 0.4543 | 4002 |
| 15 chrE2.621840G | A | 0.2663 | 3992 |
| 15 chrUn.174807A | G | 0.06113 | 4008 |
| 15 chrE2.622151A | G | 0.4424 | 3990 |
| 15 chrE2.622860A | G | 0.442 | 4000 |
| 15 chrE2.623127G | A | 0.2627 | 3982 |
| 15 chrE2.623515A | G | 0.07254 | 3970 |
| 15 chrE2.624014G | A | 0.2358 | 3986 |
| 15 chrE2.625100G | A | 0.1222 | 3986 |
| 15 chrE2.625519G | A | 0.4495 | 4002 |
| 15 chrE2.625674A | G | 0.208 | 3914 |
| 15 chrE2.626283A | G | 0.3697 | 3836 |
| 15 chrE2.626923G | A | 0.1985 | 3818 |
| 15 chrE2.627198G | A | 0.376 | 4000 |
| 15 chrE2.627456A | C | 0.2136 | 4008 |
| 15 chrE2.627859A | G | 0.0004993 | 4006 |
| 15 chrE2.627976G | A | 0.3398 | 3982 |
| 15 chrE2.629465A | G | 0.07114 | 3992 |
| 15 chrE2.630106A | G | 0.4857 | 3982 |

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| 15 chrE2.630438A | G | 0.3845 | 3984 |
| 15 chrE2.630928G | A | 0.2314 | 3972 |
| 15 chrE2.631401A | G | 0.1261 | 4004 |
| 15 chrE2.632032G | A | 0.4665 | 3916 |
| 15 chrE2.632484A | G | 0.32 | 3994 |
| 15 chrE2.632860A | G | 0.3207 | 4000 |
| 15 chrE2.633250G | A | 0.3333 | 4006 |
| 15 chrE2.633877G | A | 0.2543 | 3932 |
| 15 chrE2.634202A | G | 0.4693 | 3844 |
| 15 chrE2.635411G | A | 0.3008 | 4006 |
| 15 chrE2.635846C | A | 0.3263 | 3972 |
| 15 chrE2.636352A | G | 0.1006 | 4006 |
| 15 chrE2.636441A | G | 0.0923 | 3976 |
| 15 chrE2.636794A | G | 0.1627 | 3990 |
| 15 chrE2.636847A | G | 0.2284 | 3998 |
| 15 chrE2.637075G | A | 0.3209 | 4008 |
| 15 chrE2.637389A | G | 0.09924 | 3970 |
| 15 chrE2.637750G | A | 0.4547 | 3998 |
| 15 chrE2.638037A | G | 0.3503 | 3994 |
| 15 chrE2.639014C | A | 0.115 | 4000 |
| 15 chrE2.639341A | G | 0.1337 | 4002 |
| 15 chrE2.639608G | A | 0.3915 | 3990 |
| 15 chrUn.295268 | 0 A | 0 | 4002 |
| 15 chrE2.640145G | A | 0.4442 | 3868 |
| 15 chrE2.640677C | A | 0.4054 | 3984 |
| 15 chrE2.641211G | A | 0.1324 | 3964 |
| 15 chrE2.642339A | G | 0.1439 | 4002 |
| 15 chrE2.646538G | A | 0.3857 | 4008 |
| 15 chrE2.646175G | A | 0.3962 | 4008 |
| 15 chrE2.645910C | A | 0.0649 | 4006 |
| 15 chrE2.645884A | G | 0.01098 | 4008 |
| 15 chrE2.645360A | G | 0.4514 | 3988 |
| 15 chrE2.644396A | G | 0.342 | 4006 |
| 15 chrE2.644890A | G | 0.1596 | 3998 |
| 15 chrE2.644064G | A | 0.4343 | 4006 |
| 15 chrE2.642758A | G | 0.1242 | 3984 |
| 15 chrE2.646960A | G | 0.2951 | 3988 |
| 15 chrE2.647212A | G | 0.3615 | 3972 |
| 15 chrE2.647501A | G | 0.3157 | 3994 |
| 15 chrE2.648069A | G | 0.2842 | 3972 |
| 15 chrE2.648505G | A | 0.4021 | 3992 |

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| 15 chrE2.648877A | G | 0.3554 | 3900 |
| 15 chrE2.649280G | A | 0.2463 | 4004 |
| 15 chrE2.649727G | A | 0.315 | 3974 |
| 15 chrE2.650176G | A | 0.2948 | 4006 |
| 15 chrE2.650719G | A | 0.4133 | 4002 |
| 15 chrE2.651258A | G | 0.2485 | 3988 |
| 15 chrE2.651621 | 0 A | 0 | 4010 |
| 15 chrE2.651661A | C | 0.3948 | 4002 |
| 15 chrE2.652080G | A | 0.07139 | 4006 |
| 15 chrE2.652630G | A | 0.4962 | 3974 |
| 15 chrE2.653175A | G | 0.1229 | 4004 |
| 15 chrE2.653579A | G | 0.1703 | 3706 |
| 15 chrE2.653834G | A | 0.1654 | 3978 |
| 15 chrE2.654378G | A | 0.3292 | 3994 |
| 15 chrE2.655099A | G | 0.1672 | 4008 |
| 15 chrE2.655724G | A | 0.0007481 | 4010 |
| 15 chrE2.656009A | G | 0.3779 | 3964 |
| 15 chrE2.656267A | G | 0.1434 | 4010 |
| 15 chrE2.656929G | A | 0.4685 | 4000 |
| 15 chrE2.657367A | G | 0.06772 | 4002 |
| 15 chrE2.657707G | A | 0.2472 | 3996 |
| 15 chrE2.658413A | C | 0.4895 | 3810 |
| 15 chrE2.659010A | G | 0.4278 | 4002 |
| 15 chrE2.659869A | G | 0.01273 | 4006 |
| 15 chrE2.660116G | A | 0.05455 | 3758 |
| 15 chrE2.660882A | G | 0.4353 | 4004 |
| 15 chrE2.661201G | A | 0.2016 | 4002 |
| 15 chrE2.661454A | G | 0.03627 | 3998 |
| 15 chrE2.661981C | A | 0.2537 | 4004 |
| 15 chrE2.662323A | C | 0.3751 | 4004 |
| 15 chrE2.662638A | G | 0.4957 | 3996 |
| 15 chrE2.662725A | G | 0.2804 | 4002 |
| 15 chrE2.663123A | G | 0.05393 | 3968 |
| 15 chrE2.663510A | C | 0.3711 | 4004 |
| 15 chrE2.663926G | A | 0.3982 | 4000 |
| 15 chrE2.664337A | G | 0.3238 | 4002 |
| 15 chrE2.664982G | A | 0.478 | 3998 |
| 15 chrE2.665252A | G | 0.1102 | 3948 |
| 15 chrE2.665959G | A | 0.2269 | 3782 |
| 15 chrE2.666338A | G | 0.04192 | 4008 |
| 15 chrE2.684920C | A | 0.06652 | 3984 |

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| 15 chrE2.684664G | A | 0.4737 | 3998 |
| 15 chrE2.684253A | G | 0.001998 | 4004 |
| 15 chrE2.683816A | G | 0.001511 | 3972 |
| 15 chrE2.683422A | G | 0.1306 | 3996 |
| 15 chrE2.683377G | A | 0.1976 | 3998 |
| 15 chrE2.683043G | A | 0.3941 | 3994 |
| 15 chrE2.669877A | G | 0.2189 | 3952 |
| 15 chrE2.682138G | A | 0.1543 | 4006 |
| 15 chrE2.681894A | G | 0.3591 | 3968 |
| 15 chrE2.680997A | G | 0.02783 | 3916 |
| 15 chrE2.680674A | G | 0.2107 | 4006 |
| 15 chrE2.680213G | A | 0.4589 | 3990 |
| 15 chrE2.679579A | G | 0.1119 | 3898 |
| 15 chrE2.678552A | G | 0.2023 | 4008 |
| 15 chrE2.678198A | G | 0.492 | 3992 |
| 15 chrE2.676787A | C | 0.3668 | 3964 |
| 15 chrE2.676516A | G | 0.1252 | 3978 |
| 15 chrE2.675660A | G | 0.418 | 3928 |
| 15 chrE2.675298G | A | 0.206 | 4004 |
| 15 chrE2.674667G | A | 0.1476 | 3998 |
| 15 chrE2.674169A | G | 0.001998 | 4004 |
| 15 chrE2.673830G | A | 0.06109 | 3994 |
| 15 chrE2.673219G | A | 0.1518 | 3980 |
| 15 chrE2.672430C | A | 0.152 | 3994 |
| 15 chrE2.672690A | C | 0.2147 | 3876 |
| 15 chrE2.671962C | A | 0.3186 | 3958 |
| 15 chrE2.671519A | C | 0.1675 | 4006 |
| 15 chrE2.671177C | A | 0.0237 | 4008 |
| 15 chrE2.670796C | A | 0.2579 | 3998 |
| 15 chrE2.670506 | 0 G | 0 | 3990 |
| 15 chrE2.670303A | G | 0.1003 | 3920 |
| 15 chrE2.670023G | A | 0.2576 | 3998 |
| 15 chrE2.669602A | G | 0.2298 | 3990 |
| 15 chrE2.669295 | 0 C | 0 | 4010 |
| 15 chrE2.669126A | G | 0.2896 | 3982 |
| 15 chrE2.668419A | G | 0.4011 | 3992 |
| 15 chrE2.668162G | A | 0.07594 | 3990 |
| 15 chrE2.667724A | G | 0.4912 | 3972 |
| 15 chrE2.667049A | G | 0.328 | 4006 |
| 15 chrE2.667333C | A | 0.2671 | 4006 |
| 15 chrE2.666681G | A | 0.1747 | 3996 |

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| 15 chrE2.685322G | A | 0.06952 | 3970 |
| 15 chrE2.665581C | A | 0.485 | 3944 |
| 15 chrE2.685638A | G | 0.1221 | 4006 |
| 15 chrE2.686279A | G | 0.2785 | 4004 |
| 15 chrE2.687563G | A | 0.07744 | 3900 |
| 15 chrE2.688087G | A | 0.2091 | 3998 |
| 15 chrE2.688422G | A | 0.4393 | 4006 |
| 15 chrE2.688927A | G | 0.01249 | 4004 |
| 15 chrE2.689405A | G | 0.372 | 3984 |
| 15 chrE2.689709C | A | 0.1629 | 4002 |
| 15 chrE2.690040A | G | 0.2451 | 3970 |
| 15 chrE2.690482A | C | 0.0384 | 4010 |
| 15 chrE2.691694G | A | 0.08354 | 4010 |
| 15 chrE2.691939A | G | 0.2265 | 3912 |
| 15 chrE2.692468A | G | 0.09256 | 3976 |
| 15 chrE2.692945A | G | 0.1697 | 3990 |
| 15 chrE2.693190A | G | 0.04364 | 4010 |
| 15 chrE2.693562G | A | 0.1236 | 4006 |
| 15 chrE2.693991A | G | 0.1109 | 4004 |
| 15 chrE2.694392A | G | 0.3726 | 3940 |
| 15 chrE2.694711A | C | 0.2716 | 3998 |
| 15 chrE2.695042A | G | 0.09494 | 3992 |
| 15 chrE2.695613A | G | 0.03892 | 4008 |
| 15 chrE2.696058A | G | 0.2484 | 4002 |
| 15 chrE2.696669G | A | 0.26 | 3988 |
| 15 chrE2.697019G | A | 0.1557 | 4002 |
| 15 chrE2.697616A | C | 0.3174 | 3878 |
| 15 chrE2.698012C | A | 0.02179 | 3992 |
| 15 chrUn12.6501A | G | 0.3916 | 4004 |
| 15 chrE2.698934C | A | 0.2522 | 3910 |
| 15 chrE2.700241A | G | 0.1475 | 4006 |
| 15 chrE2.701136A | G | 0.06635 | 3738 |
| 15 chrE2.701657G | A | 0.1062 | 3994 |
| 15 chrE2.702065G | A | 0.1475 | 3926 |
| 15 chrE2.702538A | G | 0.1533 | 4004 |
| 15 chrE2.702949A | G | 0.1578 | 3998 |
| 15 chrE2.703206A | G | 0.4303 | 4000 |
| 15 chrE2.703377A | G | 0.1408 | 4000 |
| 15 chrE2.703685A | G | 0.08396 | 3966 |
| 15 chrE2.704078A | C | 0.3575 | 3978 |
| 15 chrE2.704599A | G | 0.03854 | 3866 |

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| 15 chrE2.705278G | A | 0.07971 | 3776 |
| 15 chrE2.705546A | G | 0.1632 | 4002 |
| 15 chrE2.706125G | A | 0.2315 | 4008 |
| 15 chrE2.706660G | A | 0.06818 | 4004 |
| 15 chrE2.708031C | A | 0.05841 | 4006 |
| 15 chrE2.708354C | A | 0.2549 | 3884 |
| 15 chrE2.708684A | G | 0.2883 | 3996 |
| 15 chrE2.709012G | A | 0.2669 | 3972 |
| 15 chrE2.709483G | A | 0.1284 | 3948 |
| 15 chrE2.710272A | G | 0.2184 | 3970 |
| 15 chrE2.710745A | G | 0.02634 | 3910 |
| 15 chrE2.710850G | A | 0.2163 | 4004 |
| 15 chrE2.711260G | A | 0.4856 | 3962 |
| 15 chrE2.711736G | A | 0.4104 | 4006 |
| 15 chrE2.712199A | C | 0.4039 | 3654 |
| 15 chrE2.712477G | A | 0.2383 | 4004 |
| 15 chrE2.713024A | G | 0.4004 | 3994 |
| 15 chrE2.713841A | C | 0.00998 | 4008 |
| 15 chrE2.714297A | G | 0.03418 | 4008 |
| 15 chrE2.714537A | G | 0.3589 | 4004 |
| 15 chrE2.714907A | G | 0.1023 | 3694 |
| 15 chrE2.715244A | G | 0.2475 | 3968 |
| 15 chrE2.716161A | G | 0.3764 | 3982 |
| 15 chrE2.716727A | G | 0.3131 | 3996 |
| 15 chrE2.717147G | A | 0.4553 | 4004 |
| 15 chrE2.717525G | A | 0.3618 | 4002 |
| 15 chrE2.718079A | G | 0.02858 | 3814 |
| 15 chrE2.718639G | A | 0.4287 | 3998 |
| 15 chrE2.718968G | A | 0.08536 | 3948 |
| 15 chrE2.719422A | G | 0.2014 | 3988 |
| 15 chrE2.719693A | C | 0.0826 | 3886 |
| 15 chrE2.720076G | A | 0.497 | 3954 |
| 15 chrE2.720366A | G | 0.3169 | 3998 |
| 15 chrE2.720773A | G | 0.2342 | 3984 |
| 15 chrE2.721221A | G | 0.2181 | 4002 |
| 15 chrE2.721583G | A | 0.4823 | 4000 |
| 15 chrE2.721841G | A | 0.1218 | 3882 |
| 15 chrE2.722254G | A | 0.1 | 3960 |
| 15 chrE2.722835A | G | 0.04173 | 4002 |
| 15 chrE2.723573A | G | 0.2497 | 3988 |
| 15 chrE2.723886C | A | 0.303 | 4006 |

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| 15 chrE2.724152G | A | 0.113 | 4008 |
| 15 chrE2.724515G | A | 0.4219 | 3968 |
| 15 chrE2.725084C | A | 0.4612 | 3996 |
| 15 chrE2.725404A | G | 0.1934 | 3986 |
| 15 chrE2.725925G | A | 0.4039 | 3996 |
| 15 chrE2.726565A | G | 0.4054 | 3932 |
| 15 chrE2.726945A | C | 0.4867 | 3978 |
| 15 chrE2.727221A | G | 0.3487 | 3986 |
| 15 chrE2.727517A | G | 0.1716 | 4004 |
| 15 chrE2.728135A | C | 0.2291 | 3986 |
| 15 chrE2.728665G | A | 0.2306 | 3920 |
| 15 chrE2.728677 | 0 G | 0 | 4010 |
| 15 chrE2.728955A | G | 0.2535 | 3996 |
| 15 chrE2.729768G | A | 0.04952 | 3998 |
| 15 chrE2.730045G | A | 0.4259 | 3994 |
| 15 chrE2.730405A | G | 0.03882 | 3606 |
| 15 chrE2.730834A | G | 0.04511 | 3990 |
| 15 chrE2.731133G | A | 0.453 | 3998 |
| 15 chrE2.731408A | C | 0.2793 | 3992 |
| 15 chrE2.732295A | G | 0.2683 | 3996 |
| 15 chrE2.733448A | C | 0.04106 | 3994 |
| 15 chrE2.734015A | G | 0.2887 | 3924 |
| 15 chrE2.734747A | G | 0.4599 | 3866 |
| 15 chrE2.735295A | G | 0.4233 | 3964 |
| 15 chrE2.735653G | A | 0.2938 | 3928 |
| 15 chrE2.736083A | G | 0.0885 | 4000 |
| 15 chrE2.737117A | G | 0.1408 | 3956 |
| 15 chrE2.737402A | C | 0.07717 | 4004 |
| 15 chrE2.737760G | A | 0.4296 | 4006 |
| 15 chrE2.738075A | G | 0.1389 | 3988 |
| 15 chrE2.739653A | G | 0.4536 | 3966 |
| 15 chrE2.740105G | A | 0.4715 | 3932 |
| 15 chrE2.740481G | A | 0.4015 | 3990 |
| 15 chrE2.740870A | G | 0.3206 | 3992 |
| 15 chrE2.741195G | A | 0.316 | 3994 |
| 15 chrE2.741818G | A | 0.1444 | 3988 |
| 15 chrE2.742235A | G | 0.0725 | 4000 |
| 15 chrE2.742474G | A | 0.4111 | 3982 |
| 15 chrE2.743832C | A | 0.4021 | 3964 |
| 15 chrE2.744801C | A | 0.08498 | 3954 |
| 15 chrE2.745421A | G | 0.4938 | 4002 |

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| 15 chrE2.746812G | A | 0.02025 | 3802 |
| 15 chrE2.747177C | A | 0.1903 | 3978 |
| 15 chrE2.748267G | A | 0.142 | 3888 |
| 15 chrE2.749346A | G | 0.1937 | 3996 |
| 15 chrE2.750015A | C | 0.123 | 3854 |
| 15 chrE2.750398A | G | 0.4346 | 3988 |
| 15 chrE2.750856A | G | 0.06724 | 3986 |
| 15 chrE2.751170A | G | 0.1724 | 4008 |
| 15 chrE2.751462A | C | 0.3725 | 3992 |
| 15 chrE2.751737G | A | 0.4134 | 3994 |
| 15 chrE2.752263A | G | 0.08807 | 4008 |
| 15 chrE2.752535G | A | 0.3699 | 3996 |
| 15 chrE2.752847A | G | 0.4575 | 4000 |
| 15 chrE2.753207A | G | 0.06796 | 3958 |
| 15 chrE2.753560A | G | 0.1749 | 3990 |
| 15 chrE2.753885G | A | 0.3692 | 3824 |
| 15 chrE2.754970G | A | 0.0715 | 3972 |
| 15 chrE2.755387G | A | 0.4873 | 4006 |
| 15 chrE2.755684A | G | 0.197 | 4006 |
| 15 chrE2.756833A | C | 0.213 | 4000 |
| 15 chrE2.757458A | G | 0.1857 | 3980 |
| 15 chrE2.757800A | G | 0.1864 | 4002 |
| 15 chrE2.758479G | A | 0.1169 | 3952 |
| 15 chrE2.759202A | G | 0.4605 | 3978 |
| 15 chrE2.759682G | A | 0.4773 | 4002 |
| 15 chrE2.760168G | A | 0.305 | 4006 |
| 15 chrE2.760393A | G | 0.02433 | 3904 |
| 15 chrE2.760565A | G | 0.4606 | 3962 |
| 15 chrE2.760884G | A | 0.1523 | 4006 |
| 15 chrE2.761118G | A | 0.3925 | 3954 |
| 15 chrE2.761148A | G | 0.2154 | 3974 |
| 15 chrE2.761788G | A | 0.08713 | 3948 |
| 15 chrE2.762554G | A | 0.2827 | 3994 |
| 15 chrE2.763325C | A | 0.3933 | 3842 |
| 15 chrE2.763767A | C | 0.09613 | 3984 |
| 15 chrE2.764399A | G | 0.002253 | 3994 |
| 15 chrE2.765125A | G | 0.4524 | 3926 |
| 15 chrC1.114897A | C | 0.2613 | 3942 |
| 15 chrC1.114420A | G | 0.1593 | 4004 |
| 15 chrC1.113302G | A | 0.271 | 3922 |
| 15 chrC1.112937A | G | 0.2351 | 3986 |

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| 15 chrC1.112595G | A | 0.4867 | 3990 |
| 15 chrC1.110644A | G | 0.3156 | 3954 |
| 15 chrC1.109987G | A | 0.2352 | 3746 |
| 15 chrC1.109560A | G | 0.05681 | 3644 |
| 15 chrC1.108581G | A | 0.3954 | 3966 |
| 15 chrC1.108226G | A | 0.1289 | 3864 |
| 15 chrC1.107855A | G | 0.4342 | 3982 |
| 15 chrC1.107113A | G | 0.02878 | 3996 |
| 15 chrC1.106533A | G | 0.04463 | 3966 |
| 15 chrC1.106005A | G | 0.2244 | 3966 |
| 15 chrC1.105745G | A | 0.2902 | 3846 |
| 15 chrC1.104942A | C | 0.2389 | 3910 |
| 15 chrUn.76356A | C | 0.3201 | 3990 |
| 15 chrC1.104691A | G | 0.3804 | 3988 |
| 15 chrC1.104295G | A | 0.01249 | 4004 |
| 15 chrC1.103580A | G | 0.0002495 | 4008 |
| 15 chrC1.102276A | G | 0.1724 | 3968 |
| 15 chrC1.102002G | A | 0.3724 | 3918 |
| 15 chrC1.101724G | A | 0.4105 | 3998 |
| 15 chrC1.101466A | G | 0.3727 | 3974 |
| 15 chrC1.101153G | A | 0.4639 | 3984 |
| 15 chrC1.100611G | A | 0.415 | 3986 |
| 15 chrC1.100255A | G | 0.1603 | 4000 |
| 15 MC1R_G250A | 0 G | 0 | 4000 |
| 15 chrC1.989002A | G | 0.1793 | 3932 |
| 15 chrC1.986370A | G | 0.4284 | 3978 |
| 15 chrC1.983213A | C | 0.4537 | 3998 |
| 15 chrUn.80729A | G | 0.0005043 | 3966 |
| 15 chrUn.46000A | 0 A | 0 | 3966 |
| 16 chrUn6.3839A | A | 0.01527 | 3996 |
| 16 chrUn6.3444A | G | 0.1938 | 3998 |
| 16 chrUn6.3091A | G | 0.1333 | 3946 |
| 16 chrUn6.2844A | G | 0.415 | 3930 |
| 16 chrUn6.2604C | A | 0.2307 | 3780 |
| 16 chrUn6.2239A | C | 0.2098 | 3946 |
| 16 chrUn6.1938G | A | 0.1868 | 3972 |
| 16 chrUn6.1328A | G | 0.2093 | 3942 |
| 16 chrUn6.6688A | G | 0.1168 | 3956 |
| 16 chrE3.53811 A | G | 0.1162 | 4002 |
| 16 chrE3.122163A | G | 0.3068 | 3976 |
| 16 chrE3.188937A | C | 0.1611 | 4004 |

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| 16 chrE3.214133 | G | A | 0.2284 | 3962 |
| 16 chrE3.224563 | A | G | 0.2511 | 3994 |
| 16 chrE3.232396 | A | G | 0.000499 | 4008 |
| 16 chrE3.281340 | A | G | 0.2788 | 3924 |
| 16 chrE3.372746 | A | G | 0.3057 | 3912 |
| 16 chrE3.433132 | A | G | 0.3281 | 3962 |
| 16 chrE3.509698 | A | G | 0.05437 | 3752 |
| 16 chrE3.558226 | A | G | 0.469 | 3968 |
| 16 chrE3.599909 | A | G | 0.07648 | 3962 |
| 16 chrE3.666279 | A | G | 0.3215 | 3972 |
| 16 chrE3.723447 | A | G | 0.4121 | 3982 |
| 16 chrE3.761757 | A | G | 0.2792 | 3954 |
| 16 chrE3.839185 | A | C | 0.1666 | 3908 |
| 16 chrE3.892195 | A | G | 0.2949 | 3954 |
| 16 chrE3.930061 | A | G | 0.2872 | 3914 |
| 16 chrE3.963618 | A | G | 0.001258 | 3974 |
| 16 chrE3.101988 | A | G | 0.05592 | 3970 |
| 16 chrE3.106356 | A | G | 0.283 | 4004 |
| 16 chrE3.109840 | G | A | 0.3301 | 3950 |
| 16 chrE3.116376 | G | A | 0.1524 | 3872 |
| 16 chrE3.120618 | A | G | 0.1464 | 3770 |
| 16 chrE3.126826 | G | A | 0.06771 | 3884 |
| 16 chrE3.133741 | A | G | 0.3406 | 3964 |
| 16 chrE3.138476 | A | G | 0.1916 | 4004 |
| 16 chrE3.143869 | A | G | 0.2397 | 3992 |
| 16 chrE3.147707 | G | A | 0.3773 | 3912 |
| 16 chrE3.150761 | A | G | 0.1673 | 3992 |
| 16 chrE3.153466 | A | G | 0.3819 | 3998 |
| 16 chrE3.158211 | A | G | 0.1463 | 3992 |
| 16 chrE3.161453 | A | G | 0.2901 | 4002 |
| 16 chrE3.171481 | A | G | 0.1069 | 3994 |
| 16 chrE3.174873 | A | G | 0.2265 | 3986 |
| 16 chrE3.177232 | G | A | 0.2847 | 4004 |
| 16 chrE3.179806 | G | A | 0.1821 | 3938 |
| 16 chrE3.182270 | G | A | 0.1871 | 3924 |
| 16 chrE3.186726 | C | A | 0.3778 | 3962 |
| 16 chrE3.191460 | G | A | 0.2822 | 3784 |
| 16 chrE3.194336 | G | A | 0.3011 | 3992 |
| 16 chrE3.199032 | G | A | 0.0666 | 3964 |
| 16 chrE3.202750 | C | A | 0.08978 | 4010 |
| 16 chrE3.206097 | G | A | 0.2816 | 3832 |

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| 16 chrE3.210233C | A | 0.113 | 4000 |
| 16 chrE3.212930G | A | 0.2036 | 3988 |
| 16 chrC1.728453A | G | 0.2804 | 4008 |
| 16 chrC1.721556A | G | 0.2229 | 3844 |
| 16 chrC1.718191A | G | 0.1998 | 3944 |
| 16 chrC1.709100G | A | 0.02579 | 3994 |
| 16 chrC1.702849G | A | 0.3461 | 3996 |
| 16 chrE3.249372A | G | 0.1388 | 3990 |
| 16 chrE3.268369G | A | 0.1972 | 4002 |
| 16 chrE3.277420G | A | 0.07289 | 3704 |
| 16 chrE3.288370A | G | 0.02801 | 3998 |
| 16 chrE3.291372A | G | 0.1669 | 3990 |
| 16 chrE3.304714A | C | 0.08803 | 3976 |
| 16 chrE3.309320A | G | 0.3912 | 3988 |
| 16 chrE3.312179A | G | 0.3962 | 4006 |
| 16 chrE3.316974A | G | 0.4303 | 3988 |
| 16 chrE3.321355 | 0 A | 0 | 4008 |
| 16 chrE3.324197A | G | 0.2581 | 4002 |
| 16 chrE3.327421A | G | 0.09652 | 3968 |
| 16 chrE3.330159A | G | 0.3761 | 3980 |
| 16 chrE3.334879A | G | 0.1214 | 3936 |
| 16 chrE3.337538A | G | 0.2406 | 3994 |
| 16 chrE3.340741A | G | 0.3989 | 3996 |
| 16 chrE3.347032G | A | 0.2481 | 3986 |
| 16 chrE3.351790A | G | 0.06918 | 4004 |
| 16 chrE3.359113A | G | 0.1119 | 4002 |
| 16 chrE3.363498A | C | 0.05795 | 3952 |
| 16 chrE3.366251G | A | 0.2916 | 3958 |
| 16 chrE3.369022A | G | 0.05359 | 3956 |
| 16 chrE3.374106C | A | 0.4492 | 3862 |
| 16 chrE3.380183A | G | 0.01356 | 3688 |
| 16 chrE3.386823A | G | 0.1036 | 3956 |
| 16 chrE3.387607A | G | 0.1066 | 4006 |
| 16 chrE3.391749G | A | 0.3695 | 3884 |
| 16 chrE3.403720G | A | 0.2802 | 4008 |
| 16 chrE3.412624A | G | 0.03397 | 4004 |
| 16 chrE3.418167A | G | 0.1306 | 4004 |
| 16 chrE3.422346C | A | 0.1443 | 3998 |
| 16 chrE3.428797G | A | 0.1284 | 4004 |
| 16 chrE3.439149A | G | 0.04797 | 3836 |
| 16 chrE3.444790A | G | 0.06451 | 3984 |

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| 16 chrE3.448916A | G | 0.06499 | 3970 |
| 16 chrE3.451848C | A | 0.215 | 4000 |
| 16 chrE3.456274A | G | 0.1518 | 4004 |
| 16 chrE3.459659G | A | 0.2073 | 3966 |
| 16 chrE3.464587A | C | 0.2647 | 3800 |
| 16 chrE3.467884G | A | 0.3806 | 3988 |
| 16 chrE3.475728A | G | 0.3962 | 3970 |
| 16 chrE3.480465G | A | 0.01676 | 3998 |
| 16 chrE3.483572A | G | 0.3268 | 3960 |
| 16 chrE3.489070A | G | 0.2095 | 4000 |
| 16 chrE3.493237G | A | 0.3151 | 3932 |
| 16 chrE3.497794A | G | 0.1664 | 3996 |
| 16 chrE3.504833A | G | 0.1324 | 4002 |
| 16 chrE3.505362A | G | 0.3178 | 3990 |
| 16 chrE3.509715A | G | 0.2183 | 4008 |
| 16 chrE3.512525G | A | 0.1904 | 3966 |
| 16 chrE3.518012A | G | 0.004004 | 3996 |
| 16 chrE3.520880C | A | 0.2855 | 3986 |
| 16 chrE3.528773A | C | 0.009546 | 3876 |
| 16 chrE3.532755A | G | 0.1153 | 3928 |
| 16 chrE3.538377A | G | 0.1526 | 3992 |
| 16 chrE3.542629C | A | 0.3025 | 3994 |
| 16 chrE3.548226A | G | 0.288 | 3996 |
| 16 chrE3.555576A | G | 0.3164 | 3944 |
| 16 chrE3.561288A | G | 0.1915 | 4000 |
| 16 chrE3.564867A | G | 0.2641 | 4002 |
| 16 chrE3.567307G | A | 0.4723 | 3942 |
| 16 chrE3.572809G | A | 0.1728 | 3744 |
| 16 chrE3.575802G | A | 0.1993 | 4004 |
| 16 chrE3.580846G | A | 0.08693 | 3934 |
| 16 chrE3.585095A | G | 0.436 | 3952 |
| 16 chrE3.589272G | A | 0.1242 | 4002 |
| 16 chrE3.596148A | G | 0.07482 | 3956 |
| 16 chrE3.598689A | G | 0.08159 | 3922 |
| 16 chrE3.601880A | G | 0.1394 | 3954 |
| 16 chrE3.605820G | A | 0.1069 | 3602 |
| 16 chrE3.609453G | A | 0.1869 | 4008 |
| 16 chrE3.614287A | G | 0.09298 | 3958 |
| 16 chrE3.618535C | A | 0.1929 | 3996 |
| 16 chrE3.621025A | G | 0.4598 | 3956 |
| 16 chrE3.624560G | A | 0.05178 | 3998 |

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| 16 chrE3.628742G | A | 0.2505 | 3988 |
| 16 chrE3.632561A | G | 0.4577 | 3994 |
| 16 chrE3.635681G | A | 0.3202 | 4004 |
| 16 chrE3.643273A | G | 0.411 | 3988 |
| 16 chrE3.643357A | G | 0.1242 | 3986 |
| 16 chrE3.647139A | G | 0.2312 | 3996 |
| 16 chrE3.651250A | G | 0.4555 | 3998 |
| 16 chrE3.656000A | G | 0.3083 | 4002 |
| 16 chrE3.663577A | G | 0.2814 | 3944 |
| 16 chrE3.669388A | G | 0.3459 | 3952 |
| 16 chrE3.671961A | G | 0.2071 | 4008 |
| 16 chrE3.675956A | G | 0.1781 | 4004 |
| 16 chrE3.682191G | A | 0.2451 | 4002 |
| 16 chrE3.684863A | G | 0.3172 | 4004 |
| 16 chrE3.685213G | A | 0.04787 | 3802 |
| 16 chrE3.688064C | A | 0.1148 | 4006 |
| 16 chrE3.691472A | G | 0.09518 | 3982 |
| 16 chrE3.696800G | A | 0.1515 | 4006 |
| 16 chrE3.701374A | G | 0.4168 | 4004 |
| 16 chrE3.704497A | G | 0.04945 | 4004 |
| 16 chrE3.711499A | G | 0.3593 | 3994 |
| 16 chrE3.716809G | A | 0.2015 | 3976 |
| 16 chrE3.723793C | A | 0.1212 | 3992 |
| 16 chrE3.731805G | A | 0.03228 | 3996 |
| 16 chrE3.744592C | A | 0.1664 | 3852 |
| 16 chrE3.757272G | A | 0.2145 | 3948 |
| 16 chrE3.760318G | A | 0.1205 | 3950 |
| 16 chrE3.762966A | G | 0.08633 | 4008 |
| 16 chrE3.767458A | G | 0.1128 | 4008 |
| 16 chrE3.770119A | G | 0.4528 | 3986 |
| 16 chrE3.775765A | G | 0.47 | 3702 |
| 16 chrE3.781253A | G | 0.1251 | 3964 |
| 16 chrE3.784119C | A | 0.142 | 4000 |
| 16 chrE3.790356A | C | 0.1694 | 3962 |
| 16 chrE3.794847G | A | 0.385 | 4010 |
| 16 chrE3.797858A | G | 0.05995 | 3920 |
| 16 chrE3.801582G | A | 0.06607 | 3996 |
| 16 chrE3.811723A | G | 0.1938 | 3906 |
| 16 chrE3.817344G | A | 0.1784 | 4002 |
| 16 chrE3.822474A | G | 0.3071 | 3940 |
| 16 chrE3.825586G | A | 0.4751 | 3970 |

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| 16 chrE3.825833A | G | 0.2321 | 3972 |
| 16 chrE3.830465G | A | 0.4691 | 3984 |
| 16 chrE3.833324G | A | 0.3699 | 3990 |
| 16 chrE3.839232A | C | 0.08234 | 4008 |
| 16 chrE3.842469G | A | 0.1968 | 3958 |
| 16 chrE3.846155A | G | 0.3643 | 4008 |
| 16 chrE3.851409A | G | 0.2508 | 3964 |
| 16 chrE3.862778A | C | 0.3782 | 4000 |
| 16 chrE3.867462G | A | 0.1684 | 3996 |
| 16 chrE3.871358A | G | 0.474 | 4004 |
| 16 chrE3.875393A | C | 0.05849 | 3710 |
| 16 chrE3.879391A | G | 0.4107 | 3986 |
| 16 chrE3.884464A | G | 0.2625 | 3970 |
| 16 chrE3.894049C | A | 0.08993 | 3992 |
| 16 chrE3.898128A | C | 0.1563 | 3974 |
| 16 chrE3.901609G | A | 0.3832 | 3982 |
| 16 chrE3.904637A | G | 0.004248 | 4002 |
| 16 chrE3.907781A | G | 0.138 | 4006 |
| 16 chrE3.910943G | A | 0.3485 | 3986 |
| 16 chrE3.914317A | G | 0.1464 | 4002 |
| 16 chrE3.917630C | A | 0.4562 | 3930 |
| 16 chrE3.920959A | G | 0.4263 | 4002 |
| 16 chrE3.925899A | G | 0.1218 | 4006 |
| 16 chrE3.935014A | G | 0.09675 | 4000 |
| 16 chrE3.941312G | A | 0.2757 | 4004 |
| 16 chrE3.944998A | G | 0.3136 | 4002 |
| 16 chrE3.947388G | A | 0.08037 | 3994 |
| 16 chrE3.955994A | G | 0.3276 | 3986 |
| 16 chrE3.960719G | A | 0.2514 | 4002 |
| 16 chrE3.967681A | G | 0.4635 | 3996 |
| 16 chrE3.970164G | A | 0.1559 | 3822 |
| 16 chrUn.655260G | A | 0.0384 | 4010 |
| 16 chrE3.978482A | G | 0.07379 | 3998 |
| 16 chrE3.985239A | G | 0.3099 | 3988 |
| 16 chrE3.988164A | G | 0.4596 | 3990 |
| 16 chrE3.992038G | A | 0.4732 | 3996 |
| 16 chrE3.998123G | A | 0.3786 | 3996 |
| 16 chrE3.100157G | A | 0.2697 | 4000 |
| 16 chrE3.100723G | A | 0.1357 | 3988 |
| 16 chrE3.101072A | G | 0.05841 | 4006 |
| 16 chrE3.101338G | A | 0.1506 | 3998 |

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| 16 chrE3.101633G | A | 0.04763 | 4010 |
| 16 chrE3.102199A | G | 0.3157 | 4000 |
| 16 chrE3.102639A | G | 0.168 | 3970 |
| 16 chrE3.102714A | G | 0.02471 | 4006 |
| 16 chrE3.102934A | G | 0.1698 | 3998 |
| 16 chrE3.103449G | A | 0.1849 | 3970 |
| 16 chrE3.104001A | G | 0.3396 | 3990 |
| 16 chrE3.104323A | G | 0.2338 | 4008 |
| 16 chrE3.104604G | A | 0.2887 | 3880 |
| 16 chrE3.105073G | A | 0.1755 | 3908 |
| 16 chrE3.105462A | G | 0.2356 | 4006 |
| 16 chrE3.105735A | G | 0.1266 | 4004 |
| 16 chrE3.106075A | C | 0.1461 | 3996 |
| 16 chrE3.106871G | A | 0.3172 | 3978 |
| 16 chrE3.107149G | A | 0.1709 | 3990 |
| 16 chrE3.107518A | G | 0.3987 | 3990 |
| 16 chrE3.108110A | G | 0.3398 | 3988 |
| 16 chrE3.108588A | G | 0.4085 | 4002 |
| 16 chrE3.109105G | A | 0.3764 | 3996 |
| 16 chrE3.109759A | G | 0.2827 | 4004 |
| 16 chrE3.110208A | G | 0.1397 | 4002 |
| 16 chrE3.110704G | A | 0.1048 | 3980 |
| 16 chrE3.111223A | G | 0.08688 | 3994 |
| 16 chrE3.111706G | A | 0.3702 | 3998 |
| 16 chrE3.111944A | G | 0.3408 | 3976 |
| 16 chrE3.112242A | G | 0.212 | 3986 |
| 16 chrE3.112936G | A | 0.4423 | 4006 |
| 16 chrE3.113287A | G | 0.24 | 4000 |
| 16 chrE3.113667A | G | 0.1442 | 4002 |
| 16 chrE3.114108A | G | 0.321 | 4006 |
| 16 chrE3.114842A | G | 0.08592 | 3864 |
| 16 chrE3.115447A | C | 0.2863 | 3986 |
| 16 chrE3.115774A | G | 0.1134 | 4004 |
| 16 chrE3.116344A | G | 0.4195 | 4000 |
| 16 chrE3.116700A | G | 0.4237 | 4008 |
| 16 chrE3.116977A | G | 0.376 | 4008 |
| 16 chrE3.117176 | 0 A | 0 | 4000 |
| 16 chrE3.117567A | G | 0.09082 | 4008 |
| 16 chrE3.117898C | A | 0.3911 | 3994 |
| 16 chrE3.118210G | A | 0.1817 | 4006 |
| 16 chrE3.118617G | A | 0.1303 | 3992 |

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| 16 chrE3.119314A | G | 0.03627 | 3970 |
| 16 chrE3.119677A | G | 0.4179 | 4006 |
| 16 chrE3.120174A | G | 0.3571 | 3988 |
| 16 chrE3.120619A | G | 0.1647 | 4002 |
| 16 chrE3.120868A | G | 0.1297 | 3986 |
| 16 chrE3.121425A | G | 0.3838 | 3994 |
| 16 chrE3.121904C | A | 0.2544 | 4002 |
| 16 chrE3.122479A | G | 0.1593 | 4004 |
| 16 chrE3.122976A | G | 0.0963 | 3946 |
| 16 chrE3.123505A | C | 0.1663 | 3986 |
| 16 chrE3.123847A | G | 0.0156 | 3846 |
| 16 chrE3.123915G | A | 0.2319 | 4002 |
| 16 chrE3.124839A | G | 0.4613 | 3984 |
| 16 chrE3.125713A | G | 0.08972 | 3912 |
| 16 chrE3.126095A | G | 0.1421 | 3956 |
| 16 chrE3.126529A | G | 0.2689 | 3990 |
| 16 chrE3.127354A | C | 0.1177 | 3976 |
| 16 chrE3.127737G | A | 0.4874 | 3974 |
| 16 chrE3.128159G | A | 0.3091 | 4002 |
| 16 chrE3.128549G | A | 0.1881 | 3972 |
| 16 chrE3.129249G | A | 0.4632 | 3990 |
| 16 chrE3.129542C | A | 0.2757 | 3888 |
| 16 chrE3.129932A | G | 0.2601 | 3976 |
| 16 chrE3.130172G | A | 0.1107 | 3984 |
| 16 chrE3.130750A | G | 0.08233 | 3996 |
| 16 chrE3.131020A | G | 0.4371 | 3992 |
| 16 chrE3.131348A | G | 0.1686 | 3962 |
| 16 chrE3.131680 | 0 G | 0 | 4010 |
| 16 chrE3.131801A | G | 0.07937 | 3994 |
| 16 chrE3.132176A | G | 0.1649 | 3972 |
| 16 chrE3.132586A | G | 0.3687 | 4006 |
| 16 chrUn.423780G | A | 0.2571 | 3998 |
| 16 chrE3.134095A | G | 0.3067 | 3978 |
| 16 chrE3.134702G | A | 0.146 | 3992 |
| 16 chrE3.134718A | G | 0.1929 | 3996 |
| 16 chrE3.134980A | G | 0.1299 | 4010 |
| 16 chrE3.135324C | A | 0.3566 | 4004 |
| 16 chrE3.135690A | G | 0.2577 | 3838 |
| 16 chrE3.136273C | A | 0.4719 | 3982 |
| 16 chrE3.136717G | A | 0.08588 | 3994 |
| 16 chrE3.137172A | G | 0.1322 | 3994 |

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| 16 chrE3.137645A | G | 0.09091 | 4004 |
| 16 chrE3.137915A | G | 0.3202 | 3994 |
| 16 chrE3.138173A | G | 0.2833 | 3960 |
| 16 chrE3.138495A | G | 0.2588 | 4000 |
| 16 chrB3.160691A | G | 0.3559 | 4004 |
| 16 chrB3.160735G | A | 0.08566 | 4004 |
| 16 chrB3.160902A | C | 0.4309 | 3982 |
| 16 chrB3.160955A | G | 0.0145 | 3862 |
| 16 chrB3.161075A | G | 0.4826 | 3958 |
| 16 chrB3.161160G | A | 0.1408 | 3814 |
| 16 chrB3.161235A | C | 0.3953 | 4002 |
| 16 chrB3.161279A | G | 0.3634 | 3998 |
| 16 chrB3.161494A | G | 0.1157 | 3994 |
| 16 chrB3.161552A | G | 0.2596 | 3990 |
| 16 chrB3.161641A | C | 0.09378 | 3796 |
| 16 chrB3.161697A | G | 0.3732 | 4006 |
| 16 chrE3.144488A | G | 0.3174 | 4004 |
| 16 chrE3.144832A | G | 0.491 | 4002 |
| 16 chrB3.161821A | G | 0.08988 | 3994 |
| 16 chrB3.161875A | G | 0.02269 | 4010 |
| 16 chrB3.161898A | G | 0.06797 | 4002 |
| 16 chrE3.145993A | G | 0.1239 | 4004 |
| 16 chrB3.162108A | C | 0.4394 | 3930 |
| 16 chrE3.146487A | C | 0.1919 | 3996 |
| 16 chrB3.162176A | G | 0.4851 | 3960 |
| 16 chrE3.147049 | 0 G | 0 | 4008 |
| 16 chrE3.147073A | G | 0.2817 | 3986 |
| 16 chrB3.162255G | A | 0.3233 | 3978 |
| 16 chrB3.162309A | G | 0.06936 | 4008 |
| 16 chrD3.696935A | G | 0.2172 | 4006 |
| 16 chrB3.162361A | C | 0.0002494 | 4010 |
| 16 chrB3.162405G | A | 0.1694 | 3950 |
| 16 chrB3.162459A | G | 0.3389 | 3992 |
| 16 chrB3.162469A | G | 0.3999 | 3986 |
| 16 chrB3.162555A | G | 0.4134 | 3924 |
| 16 chrE3.148974G | A | 0.1007 | 3982 |
| 16 chrB3.162715A | C | 0.4907 | 3890 |
| 16 chrE3.150003G | A | 0.09116 | 4004 |
| 16 chrD1.111035G | A | 0.3834 | 3980 |
| 16 chrE3.150354A | G | 0.2707 | 3956 |
| 16 chrD1.110944G | A | 0.4643 | 3980 |

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| 16 chrD1.110897A | G | 0.0251 | 3904 |
| 16 chrD1.110838G | A | 0.1182 | 4000 |
| 16 chrE3.151331A | G | 0.4409 | 3996 |
| 16 chrE3.151579A | G | 0.3026 | 4002 |
| 16 chrE3.151933G | A | 0.4903 | 4008 |
| 16 chrE3.152294A | G | 0.2448 | 4008 |
| 16 chrE3.152764C | A | 0.302 | 3980 |
| 16 chrE3.153241G | A | 0.482 | 4000 |
| 16 chrE3.153572A | G | 0.07585 | 4008 |
| 16 chrE3.154022G | A | 0.2849 | 3970 |
| 16 chrE3.154517G | A | 0.08271 | 4002 |
| 16 chrE3.154845A | C | 0.4026 | 4006 |
| 16 chrE3.155489 | 0 A | 0 | 4006 |
| 16 chrE3.155490A | G | 0.1438 | 3798 |
| 16 chrE3.156008G | A | 0.07307 | 4010 |
| 16 chrE3.156347G | A | 0.4274 | 3896 |
| 16 chrE3.156852A | G | 0.3138 | 4002 |
| 16 chrE3.157501A | G | 0.3 | 4004 |
| 16 chrE3.157949A | G | 0.4468 | 4004 |
| 16 chrE3.158210C | A | 0.19 | 3984 |
| 16 chrE3.158605A | G | 0.2036 | 3684 |
| 16 chrE3.159141G | A | 0.06445 | 3972 |
| 16 chrE3.159510A | C | 0.2971 | 3982 |
| 16 chrE3.159943A | G | 0.2244 | 3992 |
| 16 chrE3.160263A | G | 0.2601 | 4002 |
| 16 chrE3.160546G | A | 0.2389 | 4006 |
| 16 chrE3.160800A | G | 0.1868 | 4004 |
| 16 chrE3.161055A | G | 0.1773 | 3942 |
| 16 chrE3.161566A | G | 0.3618 | 3994 |
| 16 chrE3.161817A | G | 0.1795 | 4000 |
| 16 chrE3.162457G | A | 0.1794 | 3974 |
| 16 chrE3.162808A | G | 0.1661 | 3840 |
| 16 chrE3.163142A | C | 0.04367 | 3984 |
| 16 chrE3.163470A | C | 0.1198 | 4000 |
| 16 chrE3.163756G | A | 0.3555 | 4000 |
| 16 chrE3.163963A | G | 0.2033 | 3974 |
| 16 chrE3.164312G | A | 0.3093 | 3996 |
| 16 chrE3.164725A | G | 0.1562 | 3996 |
| 16 chrE3.164979A | G | 0.31 | 3974 |
| 16 chrE3.165460A | C | 0.2068 | 3994 |
| 16 chrE3.165732G | A | 0.003104 | 3866 |

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| 16 chrE3.166069A | G | 0.06465 | 4006 |
| 16 chrE3.166697A | G | 0.3191 | 3996 |
| 16 chrE3.167098A | G | 0.3118 | 3932 |
| 16 chrE3.167404A | G | 0.0992 | 4002 |
| 16 chrE3.167745A | G | 0.1129 | 3996 |
| 16 chrE3.168356C | A | 0.3564 | 3996 |
| 16 chrE3.168625G | A | 0.3431 | 4002 |
| 16 chrE3.168959A | G | 0.07717 | 4004 |
| 16 chrE3.169467A | G | 0.2886 | 4002 |
| 16 chrE3.169966A | G | 0.3746 | 3978 |
| 16 chrE3.170254A | G | 0.1015 | 4008 |
| 16 chrE3.170761A | G | 0.2687 | 3986 |
| 16 chrE3.171083G | A | 0.1692 | 4002 |
| 16 chrE3.171481A | G | 0.2516 | 4002 |
| 16 chrE3.171940A | G | 0.03491 | 4010 |
| 16 chrE3.172375G | A | 0.0938 | 3998 |
| 16 chrE3.172618A | G | 0.4489 | 3994 |
| 16 chrE3.172899G | A | 0.2125 | 4004 |
| 16 chrE3.173175G | A | 0.06947 | 4002 |
| 16 chrE3.173611A | G | 0.003493 | 4008 |
| 16 chrE3.174419A | G | 0.4168 | 3966 |
| 16 chrE3.174672A | C | 0.3116 | 4008 |
| 16 chrE3.175059A | G | 0.02819 | 4008 |
| 16 chrE3.175561G | A | 0.4427 | 3978 |
| 16 chrE3.177229A | G | 0.488 | 4000 |
| 16 chrE3.177700A | G | 0.1249 | 4002 |
| 16 chrE3.177979A | G | 0.3943 | 4002 |
| 16 chrE3.178279G | A | 0.3329 | 4004 |
| 16 chrE3.178799G | A | 0.4386 | 4006 |
| 16 chrE3.179154A | G | 0.3928 | 3982 |
| 16 chrE3.179462G | A | 0.2166 | 3758 |
| 16 chrE3.180689A | G | 0.02826 | 3998 |
| 16 chrE3.181017A | C | 0.1271 | 4006 |
| 16 chrE3.181420A | G | 0.02645 | 4008 |
| 16 chrE3.181719A | C | 0.03285 | 3988 |
| 16 chrE3.181976A | G | 0.375 | 3976 |
| 16 chrE3.182258A | G | 0.2211 | 3980 |
| 16 chrE3.182643A | G | 0.1692 | 4006 |
| 16 chrE3.182665G | A | 0.0322 | 4006 |
| 16 chrE3.183196C | A | 0.167 | 3976 |
| 16 chrE3.183793C | A | 0.3641 | 4002 |

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| 16 chrE3.184163G | A | 0.1643 | 4000 |
| 16 chrE3.184672A | G | 0.1859 | 4008 |
| 16 chrE3.185154A | G | 0.3005 | 4010 |
| 16 chrE3.185288A | G | 0.003491 | 4010 |
| 16 chrE3.185531A | C | 0.2409 | 4006 |
| 16 chrE3.185881A | G | 0.1603 | 4006 |
| 16 chrE3.186208G | A | 0.01023 | 4008 |
| 16 chrE3.186359A | G | 0.4825 | 3996 |
| 16 chrE3.186622G | A | 0.4581 | 4006 |
| 16 chrE3.187298A | G | 0.007117 | 3934 |
| 16 chrE3.187572G | A | 0.4137 | 3996 |
| 16 chrE3.188203G | A | 0.2154 | 4006 |
| 16 chrE3.188458G | A | 0.3927 | 3980 |
| 16 chrE3.188746C | A | 0.00325 | 4000 |
| 16 chrE3.189059A | G | 0.03297 | 3882 |
| 16 chrUn.683241A | G | 0.4178 | 4000 |
| 16 chrX.4922894A | G | 0.1778 | 3982 |
| 16 chrE3.189915C | A | 0.1863 | 3994 |
| 16 chrE3.190850A | G | 0.1886 | 3998 |
| 16 chrE3.191101A | C | 0.2809 | 4002 |
| 16 chrE3.191389A | C | 0.06297 | 4002 |
| 16 chrE3.191861A | G | 0.3863 | 4002 |
| 16 chrE3.192412G | A | 0.481 | 3994 |
| 16 chrE3.192888G | A | 0.3193 | 4006 |
| 16 chrE3.193424C | A | 0.04414 | 4010 |
| 16 chrE3.193825A | G | 0.1586 | 3714 |
| 16 chrUn.120651G | A | 0.06291 | 3990 |
| 16 chrE3.194205A | G | 0.03465 | 3954 |
| 16 chrE3.194504A | G | 0.4859 | 3980 |
| 16 chrE3.194750A | G | 0.007758 | 3996 |
| 16 chrE3.194880C | A | 0.2109 | 4006 |
| 16 chrE3.195340A | G | 0.4558 | 4004 |
| 16 chrE3.195580G | A | 0.3309 | 3992 |
| 16 chrE3.195998G | A | 0.2869 | 3966 |
| 16 chrE3.196539A | C | 0.2726 | 4002 |
| 16 chrUn18.4211G | A | 0.2599 | 3944 |
| 16 chrUn.351034A | G | 0.1942 | 4002 |
| 16 chrUn.958941A | G | 0.2787 | 3972 |
| 16 chrUn.990420G | A | 0.2078 | 3994 |
| 16 chrD3.262801A | G | 0.06425 | 4000 |
| 16 chrD3.263091A | G | 0.05433 | 3976 |

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| 16 chrF1.982795A | G | 0.1246 | 4006 |
| 16 chrUn6.52314G | A | 0.2619 | 4006 |
| 16 chrUn6.69028A | G | 0.1949 | 3992 |
| 16 chrUn6.71927A | C | 0.1242 | 3944 |
| 16 chrUn6.75430A | G | 0.3555 | 3978 |
| 16 chrUn6.80630A | G | 0.09466 | 3930 |
| 16 chrUn6.82550G | A | 0.07767 | 4004 |
| 16 chrUn6.86338A | G | 0.3729 | 4004 |
| 16 chrUn6.91818A | G | 0.06578 | 3998 |
| 16 chrUn6.97638A | G | 0.1021 | 4006 |
| 16 chrUn6.10068C | A | 0.006003 | 3998 |
| 16 chrUn6.10458 | 0 A | 0 | 4004 |
| 16 chrUn6.10928A | G | 0.1459 | 4004 |
| 16 chrUn6.11208C | A | 0.05597 | 4002 |
| 16 chrUn6.11678A | G | 0.1924 | 3996 |
| 16 chrUn6.12098G | A | 0.05072 | 4002 |
| 16 chrE3.332545 | 0 C | 0 | 4010 |
| 16 chrE3.332923A | G | 0.04848 | 4002 |
| 16 chrE3.333161A | C | 0.4327 | 3954 |
| 16 chrE3.333665A | G | 0.1528 | 4006 |
| 16 chrE3.333960A | G | 0.02405 | 3992 |
| 16 chrE3.334013A | G | 0.2026 | 4008 |
| 16 chrE3.335437G | A | 0.3561 | 3960 |
| 16 chrE3.335904A | C | 0.2491 | 3982 |
| 16 chrE3.336173A | G | 0.1186 | 3998 |
| 16 chrE3.336742G | A | 0.2069 | 4006 |
| 16 chrE3.337226A | G | 0.1627 | 3866 |
| 16 chrE3.337742C | A | 0.4168 | 3868 |
| 16 chrE3.338464G | A | 0.3699 | 3988 |
| 16 chrE3.339098A | G | 0.1296 | 4006 |
| 16 chrE3.340203A | G | 0.1694 | 4002 |
| 16 chrE3.340687A | G | 0.07519 | 3910 |
| 16 chrE3.340989A | G | 0.4707 | 3992 |
| 16 chrE3.342006A | C | 0.2132 | 3968 |
| 16 chrE3.343066A | C | 0.4632 | 3996 |
| 16 chrE3.343367G | A | 0.4253 | 4004 |
| 16 chrE3.343694G | A | 0.1872 | 3734 |
| 16 chrE3.343851A | C | 0.0002503 | 3996 |
| 16 chrE3.343934A | G | 0.09995 | 3912 |
| 16 chrE3.344243G | A | 0.04154 | 3996 |
| 16 chrE3.345127A | G | 0.3642 | 4000 |

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| 16 chrE3.345813A | G | 0.1207 | 4010 |
| 16 chrE3.346159A | G | 0.3249 | 3998 |
| 16 chrE3.346699A | G | 0.1291 | 4006 |
| 16 chrE3.347421G | A | 0.4997 | 3690 |
| 16 chrE3.348089A | G | 0.3864 | 3980 |
| 16 chrE3.348589A | C | 0.3833 | 3994 |
| 16 chrE3.349099A | G | 0.1495 | 4008 |
| 16 chrE3.349524A | G | 0.2891 | 3964 |
| 16 chrE3.349994G | A | 0.009325 | 3968 |
| 16 chrE3.350357A | G | 0.0009985 | 4006 |
| 16 chrE3.350580A | G | 0.2159 | 3992 |
| 16 chrE3.351173A | G | 0.3671 | 4002 |
| 16 chrE3.351459A | G | 0.1913 | 4000 |
| 16 chrE3.352066G | A | 0.1591 | 4010 |
| 16 chrE3.352306C | A | 0.09065 | 3850 |
| 16 chrE3.352752G | A | 0.2869 | 3952 |
| 16 chrE3.353186A | G | 0.2304 | 3998 |
| 16 chrE3.353376A | C | 0.0005015 | 3988 |
| 16 chrE3.353548G | A | 0.3142 | 3998 |
| 16 chrE3.354187A | G | 0.2317 | 3988 |
| 16 chrE3.354495A | G | 0.08791 | 4004 |
| 16 chrE3.354854A | G | 0.03136 | 3986 |
| 16 chrE3.355435G | A | 0.1874 | 3896 |
| 16 chrE3.355808A | G | 0.2494 | 3974 |
| 16 chrE3.356769G | A | 0.345 | 3994 |
| 16 chrE3.357081G | A | 0.2919 | 3768 |
| 16 chrE3.357477A | G | 0.3485 | 3986 |
| 16 chrE3.357979A | G | 0.0483 | 3996 |
| 16 chrE3.358658A | G | 0.3915 | 3992 |
| 16 chrE3.358900A | G | 0.2671 | 4002 |
| 16 chrE3.359182G | A | 0.212 | 4004 |
| 16 chrE3.359476A | G | 0.1259 | 3980 |
| 16 chrE3.360066A | G | 0.05569 | 4004 |
| 16 chrE3.360266A | G | 0.05586 | 4010 |
| 16 chrE3.360765A | G | 0.2949 | 3988 |
| 16 chrE3.360872A | C | 0.1452 | 3636 |
| 16 chrE3.361308A | G | 0.3637 | 3750 |
| 16 chrE3.361814A | G | 0.4844 | 3922 |
| 16 chrE3.362279A | G | 0.1657 | 3996 |
| 16 chrE3.362604A | G | 0.2175 | 3968 |
| 16 chrE3.363254A | G | 0.1058 | 4006 |

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| 16 chrE3.363742G | A | 0.1541 | 3886 |
| 16 chrE3.364377G | A | 0.2098 | 3970 |
| 16 chrE3.364625A | G | 0.3941 | 3984 |
| 16 chrE3.365058G | A | 0.1752 | 4006 |
| 16 chrE3.365561A | G | 0.3073 | 4000 |
| 16 chrE3.366161G | A | 0.1818 | 3998 |
| 16 chrE3.366543G | A | 0.3048 | 4002 |
| 16 chrE3.366883A | G | 0.2176 | 3976 |
| 16 chrE3.367192A | G | 0.4514 | 3954 |
| 16 chrE3.367593A | G | 0.167 | 3994 |
| 16 chrUn.13143(A | G | 0.05907 | 3978 |
| 16 chrE3.367495A | G | 0.0845 | 4000 |
| 16 chrE3.368211G | A | 0.09635 | 3996 |
| 16 chrE3.368818G | A | 0.199 | 3990 |
| 16 chrE3.369395A | G | 0.0007481 | 4010 |
| 16 chrE3.370670A | C | 0.05677 | 3858 |
| 16 chrE3.371112G | A | 0.4165 | 4000 |
| 16 chrE3.372223A | G | 0.02628 | 3920 |
| 16 chrE3.373129C | A | 0.3121 | 4002 |
| 16 chrE3.373370G | A | 0.4644 | 3706 |
| 16 chrE3.375050A | G | 0.3062 | 3998 |
| 16 chrE3.375153A | G | 0.009138 | 3830 |
| 16 chrE3.375347A | G | 0.435 | 4000 |
| 16 chrE3.375587A | G | 0.231 | 3974 |
| 16 chrE3.376111A | G | 0.1579 | 3940 |
| 16 chrE3.376404A | G | 0.4508 | 3962 |
| 16 chrE3.376839A | G | 0.4925 | 3988 |
| 16 chrE3.377219A | C | 0.2013 | 3980 |
| 16 chrE3.377820G | A | 0.2434 | 3990 |
| 16 chrE3.378089A | G | 0.4013 | 3992 |
| 16 chrE3.378598G | A | 0.3597 | 3984 |
| 16 chrE3.378866G | A | 0.2984 | 4002 |
| 16 chrE3.379118A | G | 0.455 | 3930 |
| 16 chrE3.342514G | A | 0.4135 | 3990 |
| 16 chrE3.381745G | A | 0.3134 | 3992 |
| 16 chrE3.382042A | G | 0.06485 | 3994 |
| 16 chrE3.383418G | A | 0.06924 | 3986 |
| 16 chrE3.383917A | G | 0.1813 | 4010 |
| 16 chrE3.384186G | A | 0.039 | 4000 |
| 16 chrE3.385064G | A | 0.4145 | 3908 |
| 16 chrE3.385429A | C | 0.4278 | 4004 |

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| 16 chrE3.38595C | G | A | 0.08911 | 3984 |
| 16 chrE3.38625C | A | G | 0.1117 | 4002 |
| 16 chrE3.38710C | G | A | 0.4022 | 4008 |
| 16 chrE3.38721C | A | G | 0.4903 | 4004 |
| 16 chrE3.38794C | A | G | 0.1542 | 3756 |
| 16 chrE3.38851C | G | A | 0.1228 | 3998 |
| 16 chrE3.38881C | A | G | 0.2351 | 4006 |
| 16 chrE3.389241A | | G | 0.03062 | 3984 |
| 16 chrE3.389634G | | A | 0.06552 | 3968 |
| 16 chrB3.971321A | | G | 0.1459 | 3942 |
| 16 chrE3.390141A | | G | 0.3066 | 4002 |
| 16 chrE3.39073C | | G | 0.4159 | 3970 |
| 16 chrE3.391224A | | G | 0.141 | 3900 |
| 16 chrE3.39136C | | C | 0.123 | 4008 |
| 16 chrE3.39375C | | A | 0.2829 | 4002 |
| 16 chrE3.39403C | | A | 0.285 | 3996 |
| 16 chrE3.39461C | | G | 0.1844 | 4002 |
| 16 chrE3.395231G | | A | 0.07293 | 4004 |
| 16 chrE3.39549C | | A | 0.07383 | 3982 |
| 16 chrE3.396174G | | A | 0.1969 | 3996 |
| 16 chrE3.39652C | | A | 0.4506 | 3984 |
| 16 chrE3.39723C | | G | 0.06618 | 4004 |
| 16 chrE3.39764C | | A | 0.07967 | 4004 |
| 16 chrE3.39797C | | G | 0.09722 | 3960 |
| 16 chrE3.39896C | | G | 0.2296 | 3994 |
| 16 chrE3.399541G | | A | 0.0695 | 4000 |
| 16 chrE3.39981C | | A | 0 | 4010 |
| 16 chrE3.39994C | | A | 0.2287 | 3996 |
| 16 chrE3.401037A | | C | 0.218 | 4004 |
| 16 chrE3.40225C | | A | 0.2006 | 3998 |
| 16 chrE3.40253C | | G | 0.05903 | 3998 |
| 16 chrE3.403367G | | A | 0.2231 | 4002 |
| 16 chrE3.40370C | | A | 0.03642 | 3844 |
| 16 chrE3.40403C | | G | 0.4829 | 3988 |
| 16 chrE3.404387A | | G | 0.234 | 3978 |
| 16 chrE3.40477C | | G | 0.1603 | 3986 |
| 16 chrE3.405162A | | G | 0.1726 | 3998 |
| 16 chrE3.405621G | | A | 0.2002 | 3972 |
| 16 chrE3.40614C | | A | 0.3342 | 3998 |
| 16 chrE3.40644C | | G | 0.2323 | 3986 |
| 16 chrE3.406731G | | A | 0.2615 | 3996 |

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| 16 chrE3.407834A | C | 0.03655 | 3994 |
| 16 chrE3.408109A | G | 0.1994 | 3812 |
| 16 chrE3.408635G | A | 0.1588 | 3690 |
| 16 chrE3.409142A | C | 0.1823 | 3884 |
| 16 chrE3.410168A | G | 0.489 | 3998 |
| 16 chrE3.410469G | A | 0.01148 | 4006 |
| 16 chrE3.410945A | C | 0.4716 | 4010 |
| 16 chrE3.411246A | G | 0.09885 | 4006 |
| 16 chrE3.411626A | G | 0.1867 | 4002 |
| 16 chrE3.411871A | G | 0.1441 | 4004 |
| 16 chrUn1.1618(A | C | 0.347 | 3948 |
| 16 chrE3.412146A | G | 0.4115 | 3998 |
| 16 chrE3.412619A | G | 0.1962 | 4002 |
| 16 chrE3.412980A | G | 0.3846 | 3996 |
| 16 chrE3.414741G | A | 0.2253 | 4004 |
| 16 chrUn.58678(A | C | 0.3226 | 3962 |
| 16 chrE3.415277G | A | 0.4206 | 4004 |
| 16 chrE3.415955G | A | 0.1552 | 4002 |
| 16 chrE3.417187A | G | 0.1148 | 4008 |
| 16 chrE3.417755G | A | 0.09743 | 3890 |
| 16 chrE3.418476A | G | 0.2645 | 3902 |
| 16 chrE3.418781G | A | 0.3455 | 3986 |
| 16 chrE3.419147A | G | 0.2603 | 3934 |
| 16 chrE3.419505A | G | 0.3449 | 4004 |
| 16 chrE3.420400A | G | 0.2772 | 4000 |
| 16 chrE3.420876A | G | 0.3555 | 4006 |
| 16 chrE3.421149G | A | 0.4441 | 4006 |
| 16 chrE3.421919A | G | 0.262 | 3988 |
| 16 chrE3.422345G | A | 0.2177 | 3642 |
| 16 chrE3.422640 | 0 G | 0 | 4010 |
| 16 chrE3.422971G | A | 0.01971 | 4008 |
| 16 chrE3.423171A | G | 0.4337 | 3994 |
| 16 chrE3.423884A | G | 0.02903 | 3892 |
| 16 chrE3.425085G | A | 0.2218 | 4000 |
| 16 chrE3.430069A | G | 0.1413 | 3978 |
| 16 chrE3.434264G | A | 0.3418 | 3926 |
| 16 chrE3.436427A | G | 0.11 | 3874 |
| 16 chrE3.437298A | G | 0.3657 | 3998 |
| 16 chrE3.438721A | G | 0.4121 | 4006 |
| 16 chrE3.439039G | A | 0.3261 | 3864 |
| 16 chrE3.439291G | A | 0.07544 | 3632 |

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| 16 chrE3.440453A | G | 0.05711 | 3992 |
| 16 chrE3.440821G | A | 0.314 | 4000 |
| 16 chrE3.441449G | A | 0.2922 | 3984 |
| 16 chrE3.442135G | A | 0.3142 | 4004 |
| 16 chrE3.442850G | A | 0.1862 | 3996 |
| 16 chrE3.443408A | G | 0.4893 | 4002 |
| 16 chrE3.443704A | G | 0.05811 | 3958 |
| 16 chrE3.444434G | A | 0.1997 | 3996 |
| 16 chrE3.444735A | G | 0.03067 | 3750 |
| 16 chrE3.445374G | A | 0.01943 | 3912 |
| 16 chrE3.445617C | A | 0.222 | 4004 |
| 16 chrE3.446156A | G | 0.09463 | 3910 |
| 16 chrE3.446551G | A | 0.275 | 4008 |
| 16 chrE3.446958A | C | 0.3949 | 3958 |
| 16 chrE3.447911A | G | 0.07043 | 4004 |
| 16 chrE3.448240G | A | 0.4447 | 4000 |
| 16 chrE3.448487A | G | 0.3617 | 4006 |
| 16 chrE3.448839A | C | 0.1775 | 3988 |
| 16 chrE3.449421A | G | 0.3074 | 3982 |
| 16 chrE3.449777G | A | 0.4813 | 4006 |
| 16 chrE3.450353A | G | 0.3539 | 4004 |
| 16 chrE3.450512A | C | 0.1378 | 3998 |
| 16 chrE3.451058A | G | 0.008483 | 4008 |
| 16 chrE3.451298G | A | 0.494 | 4004 |
| 16 chrE3.451678G | A | 0.3167 | 3998 |
| 16 chrE3.452520G | A | 0.4537 | 4000 |
| 16 chrE3.452784A | G | 0.0689 | 3962 |
| 16 chrE3.453250G | A | 0.3112 | 4004 |
| 16 chrE3.453594A | G | 0.2816 | 4006 |
| 16 chrE3.453945A | G | 0.005814 | 3784 |
| 16 chrE3.454443A | G | 0.3583 | 3994 |
| 16 chrE3.454589G | A | 0.1537 | 3968 |
| 16 chrE3.454764A | G | 0.1064 | 3996 |
| 16 chrE3.455806A | G | 0.2553 | 3996 |
| 16 chrE3.456110A | G | 0.3211 | 3992 |
| 16 chrE3.456465A | G | 0.1306 | 3996 |
| 16 chrE3.456735G | A | 0.2178 | 3994 |
| 16 chrE3.457123A | G | 0.3985 | 4008 |
| 16 chrE3.659912G | A | 0.05338 | 3822 |
| 16 chrE3.659382G | A | 0.4215 | 3808 |
| 16 chrE3.659103A | G | 0.08425 | 4000 |

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| 16 chrE3.65791C A | G | 0.4159 | 3950 |
| 16 chrE3.657292 G | A | 0.4671 | 3916 |
| 16 chrE3.656963 A | G | 0.1143 | 4006 |
| 16 chrE3.656051 A | G | 0.2266 | 4002 |
| 16 chrE3.655228 A | G | 0.0655 | 4000 |
| 16 chrE3.654877 A | C | 0.08908 | 3884 |
| 16 chrE3.654271 A | G | 0.3051 | 4008 |
| 16 chrE3.653988 C | A | 0.03205 | 3806 |
| 16 chrE3.653637 C | A | 0.1206 | 4004 |
| 16 chrE3.653111 A | G | 0.2585 | 3980 |
| 16 chrE3.652659 A | G | 0.2024 | 3908 |
| 16 chrE3.652237 G | A | 0.4157 | 3996 |
| 16 chrE3.651219 A | G | 0.1949 | 4008 |
| 16 chrE3.650931 G | A | 0.1545 | 4006 |
| 16 chrE3.650549 A | G | 0.1846 | 4008 |
| 16 chrE3.650279 A | G | 0.1758 | 3954 |
| 16 chrE3.649952 G | A | 0.2234 | 3970 |
| 16 chrE3.649707 G | A | 0.3182 | 3994 |
| 16 chrE3.649438 A | G | 0.1713 | 3992 |
| 16 chrE3.649188 A | G | 0.1727 | 3868 |
| 16 chrE3.648296 G | A | 0.4382 | 3998 |
| 16 chrE3.647619 A | G | 0.1321 | 3998 |
| 16 chrE3.647563 A | C | 0.3151 | 3992 |
| 16 chrE3.647204 A | G | 0.07254 | 3998 |
| 16 chrE3.64586C A | G | 0.00728 | 3846 |
| 16 chrE3.645548 A | G | 0.08562 | 4006 |
| 16 chrE3.645075 G | A | 0.1331 | 3966 |
| 16 chrE3.644669 C | A | 0.4171 | 4004 |
| 16 chrE3.64368C G | A | 0.2047 | 4000 |
| 16 chrE3.643349 C | A | 0.121 | 3984 |
| 16 chrE3.642912 A | G | 0.217 | 3990 |
| 16 chrE3.642519 A | G | 0.1724 | 3990 |
| 16 chrE3.64210C A | G | 0.1681 | 3848 |
| 16 chrE3.641675 A | G | 0.02581 | 3990 |
| 16 chrE3.640762 G | A | 0.3626 | 3996 |
| 16 chrE3.640174 A | C | 0.4256 | 4006 |
| 16 chrE3.639567 A | G | 0.0484 | 4008 |
| 16 chrE3.639147 C | A | 0.208 | 3948 |
| 16 chrE3.638442 A | G | 0.09685 | 4006 |
| 16 chrE3.63816C A | G | 0.2906 | 4006 |
| 16 chrE3.637745 A | C | 0.1477 | 3892 |

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| 16 chrE3.63739C | G | A | 0.1122 | 4002 |
| 16 chrE3.637087A | | G | 0.4469 | 3996 |
| 16 chrE3.636558A | | G | 0.04672 | 3660 |
| 16 chrE3.635829G | | A | 0.3503 | 3988 |
| 16 chrE3.635422A | | G | 0.2558 | 3996 |
| 16 chrE3.634673G | | A | 0.1401 | 3946 |
| 16 chrE3.634219A | | G | 0.09466 | 4004 |
| 16 chrE3.633933A | | G | 0.1113 | 3746 |
| 16 chrE3.633381G | | A | 0.434 | 3998 |
| 16 chrE3.632959G | | A | 0.1662 | 3910 |
| 16 chrE3.632921A | | G | 0.2914 | 3994 |
| 16 chrE3.632857A | | G | 0.08163 | 4006 |
| 16 chrE3.632608A | | G | 0.01374 | 4004 |
| 16 chrE3.632351G | | A | 0.281 | 4004 |
| 16 chrE3.631904A | | G | 0.08759 | 3996 |
| 16 chrE3.631667G | | A | 0.1258 | 3968 |
| 16 chrE3.631542C | | A | 0.4131 | 4006 |
| 16 chrE3.631064G | | A | 0.1045 | 4000 |
| 16 chrE3.630731G | | A | 0.1907 | 4000 |
| 16 chrE3.630424A | | G | 0.117 | 4000 |
| 16 chrE3.629309G | | A | 0.07476 | 3986 |
| 16 chrE3.629049G | | A | 0.3547 | 3916 |
| 16 chrE3.628712G | | A | 0.2725 | 4000 |
| 16 chrE3.627705A | | G | 0.2254 | 3988 |
| 16 chrE3.627071G | | A | 0.2174 | 3956 |
| 16 chrE3.626559G | | A | 0.3493 | 4008 |
| 16 chrE3.626092A | | G | 0.3962 | 3978 |
| 16 chrE3.625761G | | A | 0.4677 | 3996 |
| 16 chrE3.625106G | | A | 0.2993 | 3916 |
| 16 chrE3.62457C | | G | 0.04146 | 4004 |
| 16 chrE3.624327G | | A | 0.08504 | 3998 |
| 16 chrE3.623778A | | G | 0.1463 | 3938 |
| 16 chrE3.623272G | | A | 0.3398 | 3990 |
| 16 chrE3.622931G | | A | 0.4775 | 3996 |
| 16 chrE3.622455A | | G | 0.341 | 3994 |
| 16 chrE3.62196C | | A | 0.0489 | 4008 |
| 16 chrE3.621365G | | A | 0.1779 | 4008 |
| 16 chrE3.621126A | | G | 0.4079 | 4006 |
| 16 chrE3.620846G | | A | 0.4128 | 3970 |
| 16 chrE3.620299G | | A | 0.2819 | 4002 |
| 16 chrE3.619863A | | G | 0.1234 | 4004 |

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| 16 chrE3.619561 | 0 A | 0 | 4006 |
| 16 chrE3.619174G | A | 0.1953 | 3998 |
| 16 chrE3.618591G | A | 0.4454 | 3996 |
| 16 chrE3.618031A | C | 0.386 | 4000 |
| 16 chrE3.617464A | G | 0.4085 | 4002 |
| 16 chrE3.617035G | A | 0.0285 | 4000 |
| 16 chrE3.616258G | A | 0.004825 | 3938 |
| 16 chrE3.615861G | A | 0.4403 | 4002 |
| 16 chrE3.615424G | A | 0.2753 | 3992 |
| 16 chrE3.615045A | G | 0.1111 | 3852 |
| 16 chrE3.614375G | A | 0.1898 | 3998 |
| 16 chrE3.611381G | A | 0.4485 | 4000 |
| 16 chrE3.610992A | G | 0.01762 | 3802 |
| 16 chrUn.657161A | G | 0.2403 | 4008 |
| 16 chrE3.610493A | G | 0.3541 | 3990 |
| 16 chrE3.610043C | A | 0.3148 | 3984 |
| 16 chrUn.354691G | A | 0.4238 | 3974 |
| 16 chrE3.609612G | A | 0.2215 | 4004 |
| 16 chrE3.608462A | G | 0.3133 | 3996 |
| 16 chrE3.607431A | G | 0.1296 | 3982 |
| 16 chrE3.607141A | G | 0.08429 | 3998 |
| 16 chrE3.605822A | G | 0.04319 | 4006 |
| 16 chrE3.605318A | G | 0.428 | 4002 |
| 16 chrE3.604871A | G | 0.03544 | 3978 |
| 16 chrE3.603646A | G | 0.4637 | 3998 |
| 16 chrE3.602618A | G | 0.3322 | 3998 |
| 16 chrE3.601811A | G | 0.05425 | 4000 |
| 16 chrE3.600921A | G | 0.4116 | 3982 |
| 16 chrE3.600533A | G | 0.3148 | 3974 |
| 16 chrE3.598762G | A | 0.1799 | 3830 |
| 16 chrE3.598516A | G | 0.0247 | 4008 |
| 16 chrE3.598016G | A | 0.3966 | 3996 |
| 16 chrE3.597311G | A | 0.204 | 4004 |
| 16 chrE3.595917G | A | 0.2913 | 3996 |
| 16 chrE3.595601G | A | 0.4633 | 3978 |
| 16 chrE3.595125A | G | 0.2752 | 3994 |
| 16 chrE3.594929G | A | 0.1277 | 4008 |
| 16 chrE3.594611G | A | 0.1825 | 4006 |
| 16 chrE3.594308A | G | 0.4925 | 3996 |
| 16 chrE3.592721G | A | 0.1083 | 4006 |
| 16 chrE3.592172C | A | 0.4995 | 3996 |

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| 16 chrE3.591904G | A | 0.02608 | 3988 |
| 16 chrE3.591496G | A | 0.07907 | 3984 |
| 16 chrE3.591048A | G | 0.01099 | 4002 |
| 16 chrE3.590540A | G | 0.3388 | 3994 |
| 16 chrE3.590103G | A | 0.01625 | 4000 |
| 16 chrE3.589602G | A | 0.008845 | 3844 |
| 16 chrE3.589390A | G | 0.231 | 4000 |
| 16 chrE3.589039A | G | 0.1557 | 4000 |
| 16 chrE3.588798A | G | 0.2294 | 3998 |
| 16 chrE3.588386A | C | 0.3697 | 3990 |
| 16 chrE3.587979A | C | 0.2084 | 3998 |
| 16 chrE3.587658A | G | 0.06344 | 4004 |
| 16 chrE3.587200G | A | 0.1688 | 3940 |
| 16 chrE3.586929A | G | 0.1178 | 3990 |
| 16 chrE3.586573A | G | 0.4739 | 3908 |
| 16 chrE3.586076A | G | 0.08333 | 4008 |
| 16 chrE3.585813A | G | 0.3707 | 3998 |
| 16 chrE3.585371A | G | 0.3125 | 3994 |
| 16 chrE3.585234A | G | 0.002267 | 3970 |
| 16 chrE3.585045A | G | 0.4883 | 3770 |
| 16 chrE3.584622G | A | 0.01573 | 4006 |
| 16 chrE3.583662A | G | 0.1346 | 3974 |
| 16 chrE3.583279G | A | 0.1111 | 4004 |
| 16 chrE3.582713A | G | 0.2456 | 3998 |
| 16 chrE3.582178A | G | 0.1324 | 3936 |
| 16 chrE3.581788A | G | 0.1629 | 3996 |
| 16 chrE3.580767G | A | 0.3566 | 4004 |
| 16 chrE3.580333A | G | 0.07871 | 4002 |
| 16 chrE3.579824A | G | 0.1794 | 4002 |
| 16 chrE3.579099A | G | 0.229 | 4008 |
| 16 chrE3.578445A | G | 0.2172 | 3982 |
| 16 chrE3.578092G | A | 0.4348 | 4002 |
| 16 chrE3.577510C | A | 0.07439 | 4006 |
| 16 chrE3.577216A | G | 0.1987 | 3996 |
| 16 chrE3.576929G | A | 0.195 | 3994 |
| 16 chrE3.576495A | G | 0.4586 | 3990 |
| 16 chrE3.576211A | C | 0.05017 | 4006 |
| 16 chrE3.575931C | A | 0.3773 | 3992 |
| 16 chrE3.575132A | G | 0.2801 | 3898 |
| 16 chrE3.574879A | C | 0.02224 | 3912 |
| 16 chrE3.574516A | C | 0.06266 | 3974 |

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| 16 chrE3.574021A | G | 0.2105 | 4004 |
| 16 chrE3.57367CA | G | 0.4524 | 3994 |
| 16 chrE3.573245G | A | 0.3507 | 3992 |
| 16 chrE3.572978G | A | 0.4627 | 3964 |
| 16 chrE3.572594G | A | 0.2184 | 3992 |
| 16 chrE3.572218A | G | 0.05741 | 4006 |
| 16 chrE3.571836A | G | 0.3431 | 4008 |
| 16 chrE3.571668A | G | 0.3838 | 4002 |
| 16 chrE3.570928G | A | 0.1186 | 3998 |
| 16 chrE3.569951A | G | 0.2523 | 3984 |
| 16 chrE3.568906A | C | 0.4709 | 3920 |
| 16 chrE3.568069A | G | 0.0937 | 4002 |
| 16 chrE3.567804A | G | 0.1171 | 4006 |
| 16 chrE3.567318G | A | 0.1953 | 4000 |
| 16 chrE3.56698CG | A | 0.2644 | 4002 |
| 16 chrE3.566927A | G | 0.01896 | 4008 |
| 16 chrE3.566722C | A | 0.05561 | 3992 |
| 16 chrE3.566371C | A | 0.2706 | 3972 |
| 16 chrE3.565707A | G | 0.0952 | 4002 |
| 16 chrE3.565164A | C | 0.123 | 3976 |
| 16 chrE3.564908A | G | 0.3919 | 3996 |
| 16 chrE3.56396CC | A | 0.07128 | 3746 |
| 16 chrE3.563699A | G | 0.04202 | 3998 |
| 16 chrE3.563047A | G | 0.07621 | 4002 |
| 16 chrE3.562654A | G | 0.1025 | 3794 |
| 16 chrE3.562211A | G | 0.2534 | 3974 |
| 16 chrE3.561741C | A | 0.1406 | 3998 |
| 16 chrE3.561479A | G | 0.3223 | 4000 |
| 16 chrE3.561472C | A | 0.181 | 4000 |
| 16 chrE3.561181A | C | 0.264 | 3988 |
| 16 chrE3.560809A | C | 0.2813 | 3978 |
| 16 chrE3.560384A | G | 0.0685 | 3898 |
| 16 chrE3.559927A | G | 0.349 | 3988 |
| 16 chrE3.559308A | G | 0.09855 | 3988 |
| 16 chrE3.558912A | G | 0.1699 | 3962 |
| 16 chrE3.558386A | G | 0.1953 | 3994 |
| 16 chrE3.557876G | A | 0.196 | 3990 |
| 16 chrE3.557247C | A | 0.3159 | 4004 |
| 16 chrE3.557005A | G | 0.368 | 4000 |
| 16 chrE3.556706A | G | 0.1172 | 3890 |
| 16 chrE3.556454G | A | 0.08392 | 4004 |

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| 16 chrE3.556109A | C | 0.05305 | 3996 |
| 16 chrE3.555278C | A | 0.2749 | 3998 |
| 16 chrE3.554924A | G | 0.03425 | 4000 |
| 16 chrE3.554374G | A | 0.4581 | 3962 |
| 16 chrE3.553765A | G | 0.1522 | 4002 |
| 16 chrE3.552579A | G | 0.1246 | 4006 |
| 16 chrE3.551405A | G | 0.1844 | 3996 |
| 16 chrE3.551160G | A | 0.2778 | 3996 |
| 16 chrE3.550695A | G | 0.3859 | 3998 |
| 16 chrE3.550318A | C | 0.1355 | 3918 |
| 16 chrE3.550072C | A | 0.1612 | 4002 |
| 16 chrE3.549572A | C | 0.1378 | 3976 |
| 16 chrE3.549043A | G | 0.2062 | 3992 |
| 16 chrE3.548717A | G | 0.01497 | 4008 |
| 16 chrE3.548321A | G | 0.1851 | 3998 |
| 16 chrE3.548025A | G | 0.08213 | 4006 |
| 16 chrE3.547324G | A | 0.1211 | 4004 |
| 16 chrE3.546272A | G | 0.244 | 3996 |
| 16 chrE3.545685A | G | 0.3648 | 3972 |
| 16 chrE3.545405 | 0 G | 0 | 4010 |
| 16 chrE3.545091A | G | 0.2494 | 3998 |
| 16 chrE3.544490A | G | 0.2292 | 3992 |
| 16 chrE3.544305A | G | 0.02449 | 4002 |
| 16 chrE3.543928A | C | 0.1948 | 3978 |
| 16 chrUn6.12781G | A | 0.2545 | 3980 |
| 16 chrUn6.13171G | A | 0.2591 | 3994 |
| 16 chrUn6.13851A | G | 0.0365 | 4000 |
| 16 chrUn6.14151A | G | 0.2671 | 3998 |
| 16 chrUn6.14551G | A | 0.2798 | 3996 |
| 16 chrA1.331658A | C | 0.1066 | 3998 |
| 16 chrA1.330628G | A | 0.2826 | 3956 |
| 16 chrA1.330050A | G | 0.1787 | 4006 |
| 16 chrA1.329141A | G | 0.2052 | 3898 |
| 16 chrA1.328779A | C | 0.2656 | 4002 |
| 16 chrA1.328749G | A | 0.001249 | 4004 |
| 16 chrA1.328309G | A | 0.0243 | 3992 |
| 16 chrA1.327970A | G | 0.01676 | 3998 |
| 16 chrA1.327600A | G | 0.482 | 4002 |
| 16 chrA1.327028C | A | 0.4274 | 3992 |
| 16 chrA1.326259A | G | 0.09011 | 4006 |
| 16 chrE3.660619A | G | 0.1528 | 4006 |

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| 16 chrE3.660919C | A | 0.4552 | 3998 |
| 16 chrA1.324886G | A | 0.4397 | 4000 |
| 16 chrE3.661416A | G | 0.106 | 3992 |
| 16 chrA1.324195A | G | 0.07271 | 3796 |
| 16 chrE3.662457G | A | 0.3267 | 3826 |
| 16 chrE3.663624G | A | 0.1761 | 3986 |
| 16 chrE3.664154G | A | 0.1841 | 3998 |
| 16 chrE3.664174 | 0 G | 0 | 4008 |
| 16 chrE3.664842A | G | 0.002505 | 3992 |
| 16 chrE3.665001A | C | 0.4737 | 3954 |
| 16 chrE3.665305G | A | 0.09178 | 3988 |
| 16 chrE3.665885G | A | 0.3938 | 3992 |
| 16 chrE3.666497A | G | 0.2748 | 3996 |
| 16 chrE3.666879A | G | 0.3339 | 4004 |
| 16 chrE3.667375A | G | 0.01796 | 4010 |
| 16 chrE3.667640A | G | 0.06181 | 3996 |
| 16 chrE3.668138A | G | 0.3676 | 4004 |
| 16 chrE3.668497G | A | 0.1859 | 3948 |
| 16 chrE3.668594A | G | 0.08296 | 4002 |
| 16 chrE3.669622A | G | 0.2293 | 3990 |
| 16 chrE3.670045C | A | 0.4545 | 3888 |
| 16 chrE3.670356A | G | 0.1741 | 3998 |
| 16 chrUn.653987G | A | 0.209 | 4010 |
| 16 chrE3.671084A | G | 0.2461 | 3994 |
| 16 chrE3.671473C | A | 0.1794 | 4002 |
| 16 chrE3.672309A | G | 0.1564 | 3970 |
| 16 chrE3.672803A | G | 0.328 | 4000 |
| 16 chrE3.673315A | C | 0.1885 | 3974 |
| 16 chrE3.673743A | G | 0.2836 | 4002 |
| 16 chrE3.674196A | G | 0.2002 | 3882 |
| 16 chrE3.674664A | G | 0.4926 | 3942 |
| 16 chrE3.675186G | A | 0.07079 | 3998 |
| 16 chrE3.675988A | C | 0.1963 | 3892 |
| 16 chrE3.676337G | A | 0.372 | 4000 |
| 16 chrE3.676686A | G | 0.06932 | 3996 |
| 16 chrE3.677018C | A | 0.2687 | 3964 |
| 16 chrE3.677518G | A | 0.1857 | 4006 |
| 16 chrE3.678071A | G | 0.1804 | 3970 |
| 16 chrE3.678101G | A | 0.2556 | 3994 |
| 16 chrE3.678419A | G | 0.3217 | 3994 |
| 16 chrE3.678991G | A | 0.1759 | 3826 |

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| 16 chrE3.679645G | A | 0.2855 | 4004 |
| 16 chrE3.680018A | C | 0.2232 | 3746 |
| 16 chrE3.680486A | G | 0.1537 | 3988 |
| 16 chrE3.680769A | G | 0.3103 | 3970 |
| 16 chrE3.681159A | G | 0.04557 | 3994 |
| 16 chrE3.681383A | G | 0.2372 | 3992 |
| 16 chrE3.681672A | G | 0.1474 | 3996 |
| 16 chrE3.682177A | G | 0.04684 | 3992 |
| 16 chrE3.682465A | G | 0.1029 | 3994 |
| 16 chrE3.682752C | A | 0.0004995 | 4004 |
| 16 chrE3.682979A | G | 0.07306 | 3846 |
| 16 chrE3.683411G | A | 0.4703 | 4008 |
| 16 chrE3.683696A | C | 0.3183 | 3848 |
| 16 chrE3.683959G | A | 0.03102 | 3998 |
| 16 chrE3.684327A | G | 0.4951 | 3894 |
| 16 chrE3.684572G | A | 0.1035 | 3846 |
| 16 chrE3.684894A | G | 0.2104 | 3992 |
| 16 chrE3.685173C | A | 0.2156 | 3998 |
| 16 chrE3.685478G | A | 0.01122 | 3832 |
| 16 chrE3.686514A | G | 0.1559 | 4002 |
| 16 chrE3.687117A | G | 0.04693 | 4006 |
| 16 chrE3.687467G | A | 0.2075 | 3990 |
| 16 chrE3.687872A | C | 0.04466 | 4008 |
| 16 chrE3.688331C | A | 0.483 | 3876 |
| 16 chrE3.688630A | G | 0.2989 | 3998 |
| 16 chrE3.689094A | G | 0.2845 | 4000 |
| 16 chrE3.689978G | A | 0.278 | 3640 |
| 16 chrE3.690905G | A | 0.1209 | 4004 |
| 16 chrE3.690308A | G | 0.05112 | 3932 |
| 16 chrE3.691265G | A | 0.2626 | 4002 |
| 16 chrE3.691657A | G | 0.4229 | 4006 |
| 16 chrE3.691995C | A | 0.2309 | 3998 |
| 16 chrUn.427969G | A | 0.3628 | 3980 |
| 16 chrE3.692550A | G | 0.243 | 3836 |
| 16 chrE3.692886A | G | 0.08419 | 3718 |
| 16 chrE3.693154A | G | 0.05543 | 3644 |
| 16 chrE3.693588A | G | 0.0497 | 4004 |
| 16 chrE3.694804G | A | 0.3419 | 3948 |
| 16 chrE3.695041A | G | 0.4311 | 3992 |
| 16 chrE3.696039A | G | 0.315 | 3930 |
| 16 chrE3.696510A | G | 0.3576 | 3960 |

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| 16 chrE3.696816G | A | 0.1015 | 3990 |
| 16 chrE3.696890A | G | 0.1074 | 3976 |
| 16 chrE3.697322G | A | 0.08321 | 3966 |
| 16 chrE3.697680A | C | 0.1713 | 3994 |
| 16 chrE3.698122G | A | 0.2631 | 4006 |
| 16 chrE3.698806C | A | 0.2475 | 3960 |
| 16 chrE3.699177G | A | 0.1562 | 3996 |
| 16 chrE3.699451G | A | 0.06777 | 3674 |
| 16 chrE3.699812G | A | 0.1556 | 3992 |
| 16 chrE3.700172G | A | 0.4555 | 3996 |
| 16 chrE3.700597C | A | 0.4865 | 4004 |
| 16 chrE3.701513A | G | 0.1646 | 3998 |
| 16 chrE3.701772A | G | 0.2246 | 3950 |
| 16 chrE3.702386G | A | 0.4697 | 3988 |
| 16 chrE3.702690G | A | 0.3423 | 3958 |
| 16 Phen_PKD1.1A | C | 0.08154 | 3716 |
| 16 chrE3.703362G | A | 0.2274 | 3768 |
| 16 chrE3.703603A | G | 0.3985 | 3960 |
| 16 chrE3.703872A | G | 0.002024 | 3952 |
| 16 chrE3.704415A | G | 0.3232 | 3930 |
| 16 chrE3.705370A | G | 0.09007 | 4008 |
| 16 chrE3.705687G | A | 0.2414 | 3940 |
| 16 chrE3.706031A | C | 0.2209 | 3984 |
| 16 chrE3.706460G | A | 0.2758 | 3992 |
| 16 chrE3.706841G | A | 0.1052 | 3924 |
| 16 chrE3.707175A | G | 0.2225 | 4000 |
| 16 chrE3.707676G | A | 0.3491 | 3982 |
| 16 chrE3.708113G | A | 0.189 | 4000 |
| 16 chrE3.708382A | G | 0.3003 | 4002 |
| 16 chrUn.205653A | G | 0.2969 | 3998 |
| 16 chrE3.709465A | G | 0.1679 | 3996 |
| 16 chrE3.709985G | A | 0.1076 | 3930 |
| 16 chrE3.710495A | G | 0.005843 | 3936 |
| 16 chrE3.711171G | A | 0.1953 | 3968 |
| 16 chrE3.711176C | A | 0.2098 | 3980 |
| 16 chrE3.711318A | G | 0.06253 | 3982 |
| 16 chrE3.712272A | G | 0.132 | 3962 |
| 16 chrE3.712511G | A | 0.1119 | 3868 |
| 16 chrE3.713017A | G | 0.05165 | 3950 |
| 16 chrE3.713368G | A | 0.2931 | 3914 |
| 16 chrE3.713792A | C | 0.2513 | 3904 |

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| 16 chrE3.714259A | G | 0.08346 | 3954 |
| 16 chrE3.714782A | G | 0.105 | 3886 |
| 16 chrE3.715287A | G | 0.3415 | 3988 |
| 16 chrE3.715593G | A | 0.4337 | 3892 |
| 16 chrE3.716064A | G | 0.4639 | 3962 |
| 16 chrE3.716556G | A | 0.4819 | 3928 |
| 16 chrE3.717151A | G | 0.395 | 3866 |
| 16 chrB2.324320A | G | 0.471 | 4002 |
| 16 chrE3.718391A | C | 0.3655 | 3962 |
| 16 chrB2.323070A | C | 0.474 | 4000 |
| 16 chrB2.322145G | A | 0.2662 | 3948 |
| 16 chrB2.320982C | A | 0.4597 | 3768 |
| 16 chrE3.720169 | 0 A | 0 | 3754 |
| 16 chrB2.319774A | G | 0.02266 | 3972 |
| 16 chrB2.319191A | G | 0.4572 | 3998 |
| 16 chrB2.318361G | A | 0.4428 | 4006 |
| 16 chrE3.722013G | A | 0.3612 | 3984 |
| 16 chrB2.316415G | A | 0.4381 | 3960 |
| 17 chrUn38.1270A | G | 0.08479 | 4010 |
| 17 chrUn38.1270G | A | 0.1833 | 3934 |
| 17 chrUn38.1260C | A | 0.1341 | 4004 |
| 17 chrUn38.1260G | A | 0.3093 | 3986 |
| 17 chrUn38.1250A | G | 0.02629 | 3918 |
| 17 chrUn38.1250A | G | 0.2176 | 4002 |
| 17 chrUn38.1240G | A | 0.1537 | 3948 |
| 17 chrUn38.1240A | G | 0.2571 | 3994 |
| 17 chrUn38.1230A | G | 0.1743 | 3902 |
| 17 chrUn7.18550C | A | 0.4223 | 3992 |
| 17 chrUn7.18150G | A | 0.1865 | 3978 |
| 17 chrUn7.17910A | G | 0.3262 | 3992 |
| 17 chrUn7.13440G | A | 0.08821 | 4002 |
| 17 chrUn7.11250A | C | 0.144 | 3986 |
| 17 chrUn7.10490C | A | 0.1354 | 3922 |
| 17 chrUn7.10050G | A | 0.05477 | 3962 |
| 17 chrUn7.88160A | G | 0.1084 | 4004 |
| 17 chrUn7.84380A | G | 0.2091 | 3994 |
| 17 chrUn7.66900A | G | 0.1247 | 3970 |
| 17 chrUn7.55900A | G | 0.1161 | 3998 |
| 17 chrUn7.48990G | A | 0.03207 | 3960 |
| 17 chrUn7.44170G | A | 0.06353 | 3998 |
| 17 chrUn7.31540G | A | 0.3758 | 3992 |

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| 17 chrUn7.2907(C | A | 0.1002 | 3952 |
| 17 chrUn7.2829(A | G | 0.4953 | 4004 |
| 17 chrUn7.2648(G | A | 0.1529 | 3996 |
| 17 chrUn7.2001(A | G | 0.1267 | 4008 |
| 17 chrUn7.1958(A | C | 0.03718 | 4008 |
| 17 chrUn7.1682(A | G | 0.1858 | 3962 |
| 17 chrUn7.1391(A | G | 0.4546 | 3724 |
| 17 chrUn7.1050(C | A | 0.1765 | 3948 |
| 17 chrF1.1248 C | A | 0.3653 | 3980 |
| 17 chrF1.71083 C | A | 0.05675 | 4000 |
| 17 chrF1.110754C | A | 0.3084 | 3998 |
| 17 chrF1.123774G | A | 0.07535 | 4008 |
| 17 chrF1.142529G | A | 0.08287 | 3982 |
| 17 chrF1.209152G | A | 0.4748 | 4000 |
| 17 chrF1.249675A | G | 0.07863 | 3968 |
| 17 chrF1.252612G | A | 0.1705 | 4000 |
| 17 chrF1.283407A | C | 0.08107 | 3972 |
| 17 chrF1.295032A | G | 0.16 | 3906 |
| 17 chrF1.373006G | A | 0.1759 | 3996 |
| 17 chrF1.409670A | G | 0.4387 | 3898 |
| 17 chrF1.465374A | C | 0.4745 | 3998 |
| 17 chrF1.511236A | G | 0.003741 | 4010 |
| 17 chrF1.533336G | A | 0.4197 | 4000 |
| 17 chrF1.557961C | A | 0.2849 | 3974 |
| 17 chrF1.619430G | A | 0.1527 | 3994 |
| 17 chrF1.663784A | G | 0.2255 | 4004 |
| 17 chrF1.705977G | A | 0.03345 | 3976 |
| 17 chrF1.774215C | A | 0.07522 | 3922 |
| 17 chrF1.845953A | G | 0.3491 | 3878 |
| 17 chrF1.888232A | G | 0.0637 | 3972 |
| 17 chrF1.942953A | G | 0.1054 | 3994 |
| 17 chrF1.991063A | G | 0.2061 | 3998 |
| 17 chrF1.102838A | G | 0.3385 | 3982 |
| 17 chrF1.106828A | G | 0.3057 | 3870 |
| 17 chrF1.111323A | G | 0.2692 | 3968 |
| 17 chrF1.115843A | G | 0.1153 | 3990 |
| 17 chrF1.118803G | A | 0.3465 | 3994 |
| 17 chrF1.123887A | G | 0.1758 | 3988 |
| 17 chrF1.130711A | G | 0.1599 | 3966 |
| 17 chrF1.132737C | A | 0.02301 | 3998 |
| 17 chrF1.135309A | C | 0.2246 | 3990 |

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| 17 chrF1.143269A | G | 0.1542 | 4002 |
| 17 chrF1.147666A | G | 0.1098 | 3952 |
| 17 chrF1.150583A | G | 0.1621 | 3998 |
| 17 chrF1.156088G | A | 0.3799 | 4004 |
| 17 chrF1.159355A | G | 0.1741 | 3998 |
| 17 chrF1.164522A | G | 0.2128 | 3976 |
| 17 chrF1.170009G | A | 0.237 | 4004 |
| 17 chrF1.176935A | C | 0.1786 | 4010 |
| 17 chrF1.181541A | G | 0.1793 | 3998 |
| 17 chrF1.185901A | G | 0.4854 | 3960 |
| 17 chrF1.189346A | G | 0.4155 | 4010 |
| 17 chrF1.192834A | G | 0.05744 | 4004 |
| 17 chrF1.197249G | A | 0.04264 | 4010 |
| 17 chrF1.200277G | A | 0.2135 | 3986 |
| 17 chrF1.202791A | G | 0.3453 | 3996 |
| 17 chrF1.206150A | G | 0.4511 | 4006 |
| 17 chrF1.207489G | A | 0.09039 | 3994 |
| 17 chrF1.212067A | C | 0.3601 | 3996 |
| 17 chrF1.215729G | A | 0.4515 | 3980 |
| 17 chrF1.219027A | G | 0.05458 | 3976 |
| 17 chrF1.222130A | G | 0.1315 | 4008 |
| 17 chrF1.224623G | A | 0.4362 | 3982 |
| 17 chrF1.233009C | A | 0.2206 | 4008 |
| 17 chrF1.235499G | A | 0.3418 | 3964 |
| 17 chrF1.239663G | A | 0.2704 | 3994 |
| 17 chrF1.242048C | A | 0.3036 | 3986 |
| 17 chrF1.245481G | A | 0.136 | 3986 |
| 17 chrF1.248055A | G | 0.4564 | 3988 |
| 17 chrF1.251052G | A | 0.3488 | 4000 |
| 17 chrF1.255887A | G | 0.004738 | 4010 |
| 17 chrF1.261797G | A | 0.1908 | 3998 |
| 17 chrF1.266736A | G | 0.3272 | 3998 |
| 17 chrF1.270253A | G | 0.2357 | 3908 |
| 17 chrF1.274351G | A | 0.1899 | 4008 |
| 17 chrF1.278652A | G | 0.05147 | 4002 |
| 17 chrF1.281113A | G | 0.03894 | 4006 |
| 17 chrF1.284476A | G | 0.0335 | 3970 |
| 17 chrF1.290745A | G | 0.1227 | 4002 |
| 17 chrF1.297168A | G | 0.05788 | 4008 |
| 17 chrF1.299654A | G | 0.3136 | 3868 |
| 17 chrF1.305009A | G | 0.3342 | 3956 |

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| 17 chrF1.310032A | G | 0.1179 | 4002 |
| 17 chrF1.311243A | G | 0.2798 | 4006 |
| 17 chrF1.319411A | C | 0.3527 | 3998 |
| 17 chrF1.324731A | G | 0.2131 | 4008 |
| 17 chrF1.328053C | A | 0.003049 | 3936 |
| 17 chrF1.331806A | G | 0.08661 | 3972 |
| 17 chrF1.338820A | G | 0.3263 | 4006 |
| 17 chrF1.343306G | A | 0.099 | 4000 |
| 17 chrF1.350676A | G | 0.03676 | 3944 |
| 17 chrF1.355487A | G | 0.07984 | 4008 |
| 17 chrF1.358797A | G | 0.142 | 3958 |
| 17 chrF1.361396A | G | 0.3469 | 4004 |
| 17 chrF1.364194A | C | 0.2004 | 4002 |
| 17 chrF1.375293C | A | 0.09204 | 3846 |
| 17 chrF1.380808A | G | 0.02401 | 3832 |
| 17 chrF1.384816A | G | 0.3499 | 3998 |
| 17 chrF1.392158A | C | 0.08083 | 3996 |
| 17 chrF1.396021A | G | 0.1642 | 3854 |
| 17 chrF1.402424A | G | 0.1479 | 3976 |
| 17 chrF1.404975G | A | 0.1626 | 3998 |
| 17 chrF1.409882C | A | 0.1057 | 4002 |
| 17 chrX.2387911A | G | 0.4097 | 3998 |
| 17 chrF1.414774A | G | 0.3613 | 3886 |
| 17 chrF1.423015A | G | 0.1822 | 4000 |
| 17 chrF1.428711G | A | 0.276 | 3986 |
| 17 chrF1.431325A | G | 0.3093 | 4000 |
| 17 chrF1.433785A | G | 0.2503 | 3880 |
| 17 chrF1.437109A | G | 0.2484 | 3970 |
| 17 chrF1.442605A | C | 0.09685 | 3996 |
| 17 chrF1.445911A | G | 0.066 | 4000 |
| 17 chrF1.447378G | A | 0.008479 | 4010 |
| 17 chrF1.449247A | G | 0.4215 | 4000 |
| 17 chrF1.470382G | A | 0.3083 | 3840 |
| 17 chrF1.475279A | C | 0.2565 | 4004 |
| 17 chrF1.481485A | G | 0.424 | 3998 |
| 17 chrF1.488980G | A | 0.3504 | 3998 |
| 17 chrF1.495139A | C | 0.364 | 3992 |
| 17 chrF1.501195A | G | 0.05172 | 3964 |
| 17 chrF1.505775A | G | 0.03541 | 3784 |
| 17 chrF1.511973A | C | 0.2726 | 4010 |
| 17 chrF1.515563A | G | 0.3621 | 4004 |

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| 17 chrF1.51943C A | G | 0.2979 | 3988 |
| 17 chrF1.522204A | G | 0.1883 | 3898 |
| 17 chrF1.526078C | A | 0.2587 | 4008 |
| 17 chrF1.526784A | G | 0.2164 | 4002 |
| 17 chrF1.52921C A | C | 0.3363 | 4002 |
| 17 chrF1.535341A | G | 0.02072 | 4006 |
| 17 chrF1.540368A | G | 0.1701 | 4004 |
| 17 chrF1.548003G | A | 0.2085 | 3996 |
| 17 chrF1.55083C A | G | 0.03423 | 4002 |
| 17 chrF1.553547A | G | 0.4529 | 3988 |
| 17 chrF1.55911C A | G | 0.4568 | 4004 |
| 17 chrF1.562447A | G | 0.191 | 3974 |
| 17 chrF1.565878A | G | 0.3437 | 3986 |
| 17 chrF1.570676A | G | 0.1496 | 3978 |
| 17 chrF1.579572G | A | 0.06072 | 4002 |
| 17 chrF1.583808G | A | 0.495 | 3996 |
| 17 chrF1.58806C G | A | 0.1498 | 3992 |
| 17 chrF1.592035A | G | 0.1159 | 4004 |
| 17 chrF1.598441A | G | 0.08234 | 3862 |
| 17 chrF1.60300C A | G | 0.2044 | 4002 |
| 17 chrF1.607961A | G | 0.3253 | 3996 |
| 17 chrF1.61072C A | G | 0.2784 | 3858 |
| 17 chrF1.612099A | G | 0.0002529 | 3954 |
| 17 chrF1.617738G | A | 0.07018 | 4004 |
| 17 chrF1.623715A | G | 0.3034 | 4008 |
| 17 chrF1.627656A | G | 0.2021 | 3968 |
| 17 chrF1.632219A | G | 0.2892 | 3984 |
| 17 chrF1.635884A | G | 0.2127 | 3968 |
| 17 chrF1.640675A | G | 0.137 | 3780 |
| 17 chrF1.64409C G | A | 0.2154 | 3992 |
| 17 chrF1.647925A | G | 0.2989 | 4002 |
| 17 chrF1.656476A | G | 0.2749 | 3972 |
| 17 chrF1.658728G | A | 0.4933 | 4006 |
| 17 chrF1.658991A | G | 0.2488 | 4004 |
| 17 chrF1.667236G | A | 0.1021 | 3996 |
| 17 chrF1.669744A | G | 0.1637 | 4008 |
| 17 chrF1.671736A | G | 0.3154 | 3890 |
| 17 chrF1.676783A | G | 0.07721 | 4002 |
| 17 chrF1.681557G | A | 0.3812 | 3998 |
| 17 chrF1.688013G | A | 0.02761 | 3984 |
| 17 chrF1.691474A | G | 0.06141 | 4006 |

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| 17 chrF1.695923A | G | 0.2313 | 4008 |
| 17 chrF1.703987G | A | 0.07018 | 4004 |
| 17 chrF1.706865A | C | 0.1005 | 4000 |
| 17 chrF1.711481A | G | 0.1143 | 3980 |
| 17 chrF1.717071A | G | 0.467 | 3972 |
| 17 chrF1.727725A | G | 0.3307 | 3732 |
| 17 chrF1.735058A | G | 0.3292 | 3988 |
| 17 chrF1.735454A | G | 0.169 | 4006 |
| 17 chrF1.740055A | G | 0.4298 | 3972 |
| 17 chrF1.744567A | G | 0.3542 | 4000 |
| 17 chrF1.748422A | G | 0.04775 | 4000 |
| 17 chrF1.752597A | G | 0.4504 | 3992 |
| 17 chrF1.756447G | A | 0.2459 | 3998 |
| 17 chrF1.767315G | A | 0.3158 | 3898 |
| 17 chrF1.771570G | A | 0.3866 | 4002 |
| 17 chrF1.779708G | A | 0.2516 | 3990 |
| 17 chrF1.786649A | G | 0.1756 | 3758 |
| 17 chrF1.794374A | G | 0.05442 | 4006 |
| 17 chrF1.799200G | A | 0.3253 | 3990 |
| 17 chrF1.806532A | G | 0.06843 | 4004 |
| 17 chrF1.811446G | A | 0.2725 | 4000 |
| 17 chrF1.816677G | A | 0.3333 | 4000 |
| 17 chrF1.819299A | C | 0.1398 | 3806 |
| 17 chrF1.826582A | G | 0.05242 | 4006 |
| 17 chrF1.830443A | G | 0.252 | 4004 |
| 17 chrF1.830666C | A | 0.3759 | 3998 |
| 17 chrF1.834138A | G | 0.1365 | 3992 |
| 17 chrF1.839260A | G | 0.116 | 4008 |
| 17 chrF1.844073G | A | 0.3753 | 3986 |
| 17 chrF1.851020C | A | 0.4315 | 3998 |
| 17 chrF1.859778A | G | 0.07992 | 4004 |
| 17 chrF1.863568A | C | 0.1602 | 3996 |
| 17 chrF1.872415G | A | 0.2892 | 3980 |
| 17 chrF1.880872A | G | 0.237 | 4004 |
| 17 chrF1.885118G | A | 0.1532 | 4008 |
| 17 chrF1.896249A | G | 0.2145 | 3990 |
| 17 chrF1.899765A | G | 0.07921 | 3964 |
| 17 chrF1.902291G | A | 0.3014 | 3982 |
| 17 chrF1.912020A | G | 0.1771 | 4004 |
| 17 chrF1.916392A | G | 0.4575 | 3974 |
| 17 chrF1.919892G | A | 0.04623 | 4002 |

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| 17 chrF1.922730A | G | 0.01231 | 3980 |
| 17 chrF1.923222A | G | 0.09664 | 3994 |
| 17 chrF1.929192A | G | 0.2633 | 3920 |
| 17 chrF1.931716G | A | 0.1141 | 3778 |
| 17 chrF1.936056G | A | 0.2713 | 4006 |
| 17 chrF1.942317A | G | 0.3936 | 3862 |
| 17 chrF1.944155A | G | 0.2109 | 3998 |
| 17 chrF1.948070A | G | 0.08596 | 4002 |
| 17 chrF1.951168G | A | 0.1818 | 3976 |
| 17 chrF1.954501A | C | 0.3896 | 3996 |
| 17 chrF1.963478G | A | 0.3837 | 3998 |
| 17 chrF1.966164C | A | 0.03659 | 3990 |
| 17 chrF1.969193A | G | 0.1648 | 4010 |
| 17 chrF1.972805A | G | 0.4261 | 3936 |
| 17 chrF1.979394C | A | 0.1277 | 4002 |
| 17 chrF1.988385A | G | 0.08965 | 3982 |
| 17 chrF1.100729G | A | 0.3725 | 3992 |
| 17 chrUn.37098G | A | 0.3058 | 3964 |
| 17 chrF1.101031G | A | 0.4451 | 3992 |
| 17 chrF1.101373A | G | 0.2002 | 3992 |
| 17 chrF1.101768A | G | 0.2724 | 3994 |
| 17 chrF1.102221A | G | 0.3317 | 3968 |
| 17 chrF1.102517G | A | 0.1002 | 3774 |
| 17 chrF1.102872A | G | 0.2279 | 3966 |
| 17 chrF1.103811A | G | 0.108 | 3758 |
| 17 chrF1.104221A | G | 0.2757 | 3964 |
| 17 chrF1.104468C | A | 0.1156 | 3996 |
| 17 chrF1.104483G | A | 0.447 | 4000 |
| 17 chrF1.104827A | G | 0.09016 | 3982 |
| 17 chrF1.105084A | G | 0.06675 | 4000 |
| 17 chrF1.105848G | A | 0.3929 | 4004 |
| 17 chrF1.106546A | G | 0.4459 | 3992 |
| 17 chrF1.106790A | G | 0.1475 | 3994 |
| 17 chrF1.107723A | C | 0.3418 | 3976 |
| 17 chrF1.108228A | C | 0.264 | 3988 |
| 17 chrF1.108908A | G | 0.1852 | 3996 |
| 17 chrF1.109507G | A | 0.1918 | 4000 |
| 17 chrF1.109795G | A | 0.02574 | 4002 |
| 17 chrF1.110142G | A | 0.3123 | 3990 |
| 17 chrF1.110475A | C | 0.484 | 4004 |
| 17 chrF1.112006A | G | 0.09125 | 4000 |

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| 17 chrF1.112483A | G | 0.3404 | 3954 |
| 17 chrF1.113025A | G | 0.3513 | 3980 |
| 17 chrF1.113336A | C | 0.3624 | 3836 |
| 17 chrF1.113601A | G | 0.1856 | 4004 |
| 17 chrF1.114048G | A | 0.1701 | 3938 |
| 17 chrF1.114063G | A | 0.1069 | 3996 |
| 17 chrF1.114481G | A | 0.2916 | 3958 |
| 17 chrF1.114789G | A | 0.2452 | 3984 |
| 17 chrF1.115283G | A | 0.09245 | 4002 |
| 17 chrF1.115802A | G | 0.4922 | 3990 |
| 17 chrF1.115811G | A | 0.4097 | 3998 |
| 17 chrF1.116329C | A | 0.3732 | 3992 |
| 17 chrF1.117399A | G | 0.0457 | 4004 |
| 17 chrF1.117656A | C | 0.2037 | 3996 |
| 17 chrF1.117895A | G | 0.3121 | 3960 |
| 17 chrF1.118449A | C | 0.4143 | 3980 |
| 17 chrF1.118957G | A | 0.3493 | 3968 |
| 17 chrF1.120323G | A | 0.3645 | 3970 |
| 17 chrF1.120929A | G | 0.3886 | 3984 |
| 17 chrF1.121481A | G | 0.08701 | 3988 |
| 17 chrF1.121744G | A | 0.04745 | 4004 |
| 17 chrF1.122048A | G | 0.2988 | 3912 |
| 17 chrF1.122352A | G | 0.272 | 4000 |
| 17 chrF1.122668G | A | 0.2413 | 3750 |
| 17 chrF1.123120A | G | 0.3019 | 4004 |
| 17 chrF1.123334G | A | 0.1269 | 4004 |
| 17 chrF1.123423A | G | 0.1209 | 4004 |
| 17 chrF1.123953A | G | 0.4106 | 3994 |
| 17 chrF1.124359A | G | 0.01955 | 3990 |
| 17 chrF1.125319G | A | 0.1678 | 4004 |
| 17 chrF1.125758A | G | 0.06623 | 3986 |
| 17 chrF1.126621G | A | 0.2094 | 3974 |
| 17 chrF1.127397A | C | 0.1609 | 3990 |
| 17 chrF1.127916G | A | 0.4918 | 4006 |
| 17 chrF1.128527G | A | 0.3349 | 4004 |
| 17 chrF1.129210A | G | 0.3714 | 4006 |
| 17 chrF1.129807G | A | 0.08446 | 4002 |
| 17 chrUn.47670A | G | 0.3032 | 3994 |
| 17 chrF1.130191G | A | 0.3411 | 4002 |
| 17 chrF1.130460A | G | 0.1298 | 4006 |
| 17 chrF1.131080A | G | 0.3022 | 3994 |

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| 17 chrF1.131357G | A | 0.2197 | 3996 |
| 17 chrF1.131637G | A | 0.1735 | 4000 |
| 17 chrF1.132186A | C | 0.08496 | 3990 |
| 17 chrF1.132470G | A | 0.436 | 3998 |
| 17 chrF1.132727A | G | 0.3562 | 4000 |
| 17 chrF1.133223A | C | 0.3348 | 3988 |
| 17 chrF1.133478A | G | 0.2186 | 4002 |
| 17 chrF1.134006A | G | 0.2895 | 4004 |
| 17 chrF1.134661G | A | 0.1489 | 3976 |
| 17 chrF1.135121A | C | 0.2594 | 3990 |
| 17 chrF1.135386A | G | 0.351 | 3980 |
| 17 chrF1.135905A | G | 0.1633 | 4006 |
| 17 chrF1.136294A | G | 0.1027 | 3894 |
| 17 chrF1.137213A | G | 0.1647 | 3776 |
| 17 chrF1.137526A | G | 0.01204 | 3988 |
| 17 chrF1.137639A | G | 0.3727 | 3974 |
| 17 chrF1.137993G | A | 0.4985 | 3966 |
| 17 chrF1.138315A | G | 0.1534 | 4002 |
| 17 chrF1.138319A | G | 0.4008 | 3822 |
| 17 chrF1.138552G | A | 0.2116 | 4002 |
| 17 chrF1.138825A | G | 0.3309 | 3974 |
| 17 chrF1.139286A | G | 0.342 | 4000 |
| 17 chrF1.139718G | A | 0.3546 | 4004 |
| 17 chrF1.139964A | C | 0.1068 | 3998 |
| 17 chrF1.140197A | G | 0.1054 | 3984 |
| 17 chrF1.141123A | G | 0.196 | 4000 |
| 17 chrF1.141456G | A | 0.08975 | 4000 |
| 17 chrF1.142033G | A | 0.04202 | 3998 |
| 17 chrF1.142368A | G | 0.04446 | 4004 |
| 17 chrF1.142744A | G | 0.04434 | 3992 |
| 17 chrF1.143030A | G | 0.0479 | 4008 |
| 17 chrF1.143719A | C | 0.0472 | 4004 |
| 17 chrF1.143976C | A | 0.153 | 3962 |
| 17 chrF1.144252A | G | 0.1517 | 3988 |
| 17 chrF1.144639G | A | 0.1932 | 4002 |
| 17 chrF1.144927C | A | 0.2538 | 3988 |
| 17 chrF1.145863A | G | 0.08853 | 4010 |
| 17 chrF1.146131A | G | 0.1286 | 4006 |
| 17 chrF1.146526A | G | 0.04351 | 3884 |
| 17 chrF1.146943A | G | 0.1424 | 4004 |
| 17 chrF1.147570A | G | 0.3762 | 3998 |

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| 17 chrF1.148008G | A | 0.234 | 4000 |
| 17 chrF1.148285G | A | 0.3382 | 3838 |
| 17 chrF1.148771A | G | 0.1944 | 3972 |
| 17 chrF1.149210G | A | 0.305 | 3984 |
| 17 chrF1.149692G | A | 0.1787 | 3990 |
| 17 chrF1.150270G | A | 0.3935 | 4000 |
| 17 chrF1.150622A | G | 0.1998 | 3998 |
| 17 chrF1.150861G | A | 0.3422 | 3998 |
| 17 chrF1.151520C | A | 0.3104 | 3950 |
| 17 chrF1.151920G | A | 0.2034 | 4006 |
| 17 chrF1.153330A | G | 0.3118 | 4006 |
| 17 chrF1.153466G | A | 0.1017 | 3992 |
| 17 chrF1.153582A | G | 0.3461 | 4002 |
| 17 chrF1.153920A | G | 0.2119 | 3978 |
| 17 chrF1.154161C | A | 0.02924 | 4002 |
| 17 chrF1.154602G | A | 0.02819 | 4008 |
| 17 chrF1.154802G | A | 0.208 | 3972 |
| 17 chrF1.155755C | A | 0.261 | 3950 |
| 17 chrF1.155314C | A | 0.3084 | 3946 |
| 17 chrF1.156507A | G | 0.3285 | 3994 |
| 17 chrF1.156762A | G | 0.212 | 3952 |
| 17 chrF1.157573A | G | 0.3716 | 3996 |
| 17 chrF1.157270G | A | 0.3751 | 3954 |
| 17 chrF1.157925A | G | 0.472 | 3996 |
| 17 chrF1.158303A | G | 0.1335 | 3994 |
| 17 chrF1.158739A | C | 0.1939 | 3956 |
| 17 chrF1.159137A | C | 0.2062 | 3942 |
| 17 chrF1.159772A | G | 0.018 | 4000 |
| 17 chrUn13.431.A | G | 0.01124 | 4002 |
| 17 chrF1.160234A | G | 0.1973 | 3964 |
| 17 chrF1.160695A | G | 0.3501 | 4004 |
| 17 chrF1.161275A | G | 0.2492 | 3840 |
| 17 chrF1.162095A | G | 0.232 | 3982 |
| 17 chrF1.162584A | G | 0.3606 | 3988 |
| 17 chrF1.162822A | G | 0.2356 | 3900 |
| 17 chrF1.163117C | A | 0.1083 | 4006 |
| 17 chrF1.163529A | G | 0.3424 | 3984 |
| 17 chrF1.164063G | A | 0.2558 | 3968 |
| 17 chrF1.164516A | C | 0.2453 | 3860 |
| 17 chrF1.165564A | G | 0.2249 | 3998 |
| 17 chrF1.166145G | A | 0.2153 | 4000 |

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| 17 chrF1.166624A | G | 0.2805 | 3986 |
| 17 chrF1.167066C | A | 0.2829 | 3984 |
| 17 chrF1.167311G | A | 0.0453 | 3996 |
| 17 chrF1.167619A | G | 0.1507 | 3684 |
| 17 chrF1.167942G | A | 0.1359 | 4004 |
| 17 chrF1.168246A | G | 0.2747 | 4004 |
| 17 chrF1.168498A | G | 0.1262 | 4010 |
| 17 chrF1.169446G | A | 0.2237 | 4006 |
| 17 chrF1.169759A | G | 0.2838 | 3978 |
| 17 chrF1.170433A | G | 0.2737 | 3920 |
| 17 chrF1.171047G | A | 0.2363 | 4004 |
| 17 chrF1.171388A | G | 0.01774 | 4002 |
| 17 chrF1.171668G | A | 0.2877 | 3910 |
| 17 chrF1.172040A | G | 0.1604 | 4002 |
| 17 chrF1.172447A | G | 0.09207 | 4008 |
| 17 chrF1.172717A | C | 0.4468 | 3964 |
| 17 chrF1.173434A | G | 0.1605 | 4006 |
| 17 chrF1.173744A | G | 0.2519 | 3922 |
| 17 chrF1.174299A | G | 0.1128 | 3990 |
| 17 chrB2.145142G | A | 0.242 | 4008 |
| 17 chrF1.174768G | A | 0.3315 | 3988 |
| 17 chrUn.458623G | A | 0.2913 | 4006 |
| 17 chrF1.175357G | A | 0.05116 | 3890 |
| 17 chrF1.175733C | A | 0.05158 | 3994 |
| 17 chrF1.176173A | G | 0.4191 | 4006 |
| 17 chrF1.176531G | A | 0.1996 | 4008 |
| 17 chrF1.177114G | A | 0.1816 | 4004 |
| 17 chrF1.178115A | G | 0.1602 | 3990 |
| 17 chrF1.178813G | A | 0.4179 | 3910 |
| 17 chrF1.179134A | G | 0.06986 | 4008 |
| 17 chrF1.179406G | A | 0.4974 | 3920 |
| 17 chrF1.179802G | A | 0.1419 | 4002 |
| 17 chrF1.180055G | A | 0.3574 | 3996 |
| 17 chrF1.180471G | A | 0.4089 | 4006 |
| 17 chrF1.180760G | A | 0.1097 | 4002 |
| 17 chrF1.181352A | G | 0.2739 | 3994 |
| 17 chrF1.181601A | G | 0.1869 | 3960 |
| 17 chrF1.181929A | C | 0.1821 | 3938 |
| 17 chrF1.182176C | A | 0.3809 | 3704 |
| 17 chrF1.182482G | A | 0.1412 | 3988 |
| 17 chrF1.182987A | G | 0.2002 | 3982 |

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| 17 chrF1.183356A | G | 0.2122 | 3728 |
| 17 chrF1.183705A | G | 0.3309 | 4004 |
| 17 chrF1.184330G | A | 0.007493 | 4004 |
| 17 chrF1.184601A | G | 0.09875 | 4010 |
| 17 chrF1.184977G | A | 0.2554 | 3946 |
| 17 chrF1.185351A | G | 0.2087 | 4006 |
| 17 chrF1.185975 | 0 A | 0 | 4008 |
| 17 chrF1.186401C | A | 0.2649 | 3914 |
| 17 chrF1.186977G | A | 0.2084 | 4002 |
| 17 chrF1.187316G | A | 0.2412 | 4000 |
| 17 chrB4.119419A | C | 0.03206 | 3868 |
| 17 chrF1.188168G | A | 0.4937 | 3996 |
| 17 chrF1.188548A | G | 0.3279 | 3916 |
| 17 chrF1.189223A | G | 0.2601 | 3730 |
| 17 chrF1.189494A | G | 0.3703 | 3972 |
| 17 chrF1.190154G | A | 0.3018 | 4006 |
| 17 chrF1.190662G | A | 0.2594 | 4006 |
| 17 chrF1.191070C | A | 0.3873 | 4002 |
| 17 chrF1.191357A | G | 0.06138 | 4008 |
| 17 chrF1.192510G | A | 0.4215 | 3988 |
| 17 chrF1.193450A | G | 0.3635 | 4000 |
| 17 chrF1.193830A | G | 0.007485 | 4008 |
| 17 chrF1.193939A | G | 0.2319 | 3998 |
| 17 chrF1.194404C | A | 0.2063 | 4004 |
| 17 chrF1.194855C | A | 0.2397 | 3996 |
| 17 chrF1.195384A | G | 0.2331 | 3994 |
| 17 chrF1.197501A | G | 0.07061 | 4008 |
| 17 chrF1.198370G | A | 0.3997 | 4006 |
| 17 chrF1.199094A | G | 0.1098 | 4008 |
| 17 chrF1.199502A | G | 0.1345 | 4000 |
| 17 chrF1.200003A | G | 0.1648 | 3998 |
| 17 chrF1.200262A | G | 0.08947 | 3990 |
| 17 chrF1.200556A | G | 0.03571 | 4004 |
| 17 chrF1.200863G | A | 0.1803 | 3998 |
| 17 chrF1.201343A | G | 0.04427 | 3998 |
| 17 chrF1.201872G | A | 0.1478 | 3986 |
| 17 chrF1.201992G | A | 0.06085 | 4010 |
| 17 chrF1.202489A | G | 0.2843 | 3936 |
| 17 chrF1.203258A | G | 0.3221 | 3878 |
| 17 chrF1.203589G | A | 0.3058 | 3950 |
| 17 chrF1.203990A | C | 0.0596 | 4010 |

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| 17 chrF1.20428C A | G | 0.05962 | 3992 |
| 17 chrF1.20474C A | G | 0.05997 | 4002 |
| 17 chrF1.205232 A | G | 0.05736 | 3992 |
| 17 chrF1.20617C G | A | 0.4667 | 3994 |
| 17 chrF1.20657E G | A | 0.2098 | 3846 |
| 17 chrF1.206841 G | A | 0.08467 | 4004 |
| 17 chrF1.207191 A | G | 0.06113 | 4008 |
| 17 chrF1.207635 A | G | 0.4596 | 3988 |
| 17 chrF1.207987 A | G | 0.05013 | 3930 |
| 17 chrF1.208323 G | A | 0.02147 | 4006 |
| 17 chrF1.209088 A | G | 0.1892 | 3906 |
| 17 chrF1.209593 A | G | 0.4129 | 3950 |
| 17 chrF1.210308 A | G | 0.4753 | 4006 |
| 17 chrF1.210719 A | G | 0.4276 | 3990 |
| 17 chrF1.210998 G | A | 0.02297 | 4006 |
| 17 chrF1.211369 A | G | 0.4858 | 4002 |
| 17 chrF1.211681 A | G | 0.00616 | 3896 |
| 17 chrF1.212405 C | A | 0.2511 | 3958 |
| 17 chrF1.21295E A | G | 0.3087 | 4004 |
| 17 chrF1.213199 A | G | 0.2226 | 3990 |
| 17 chrF1.21387C C | A | 0.2129 | 4002 |
| 17 chrF1.214455 A | G | 0.3958 | 3994 |
| 17 chrF1.214827 G | A | 0.01347 | 4008 |
| 17 chrF1.21546E G | A | 0.0007508 | 3996 |
| 17 chrF1.215529 G | A | 0.2631 | 4006 |
| 17 chrF1.216155 G | A | 0.2605 | 3966 |
| 17 chrF1.216541 G | A | 0.03044 | 4008 |
| 17 chrF1.216955 C | A | 0.1128 | 4000 |
| 17 chrF1.217413 A | G | 0.06388 | 3898 |
| 17 chrF1.21794C A | G | 0.2432 | 3906 |
| 17 chrF1.218188 A | G | 0.1718 | 3988 |
| 17 chrF1.218828 A | G | 0.08757 | 4008 |
| 17 chrF1.219222 A | C | 0.1717 | 3996 |
| 17 chrF1.219703 A | G | 0.2936 | 3934 |
| 17 chrF1.219963 G | A | 0.49 | 3996 |
| 17 chrF1.22055C A | G | 0.0105 | 4000 |
| 17 chrF1.221114 A | C | 0.03833 | 3992 |
| 17 chrF1.221481 A | G | 0.09765 | 4004 |
| 17 chrF1.222434 A | G | 0.1805 | 4006 |
| 17 chrF1.22268E A | G | 0.139 | 4008 |
| 17 chrF1.22293C A | G | 0.3894 | 3942 |

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| 17 chrF1.223289C | A | 0.4809 | 3986 |
| 17 chrF1.223564G | A | 0.226 | 3992 |
| 17 chrF1.223896A | G | 0.4396 | 3992 |
| 17 chrF1.224371G | A | 0.2699 | 4002 |
| 17 chrF1.224940A | C | 0.1016 | 4004 |
| 17 chrF1.225356A | G | 0.2124 | 4002 |
| 17 chrF1.225428A | G | 0.1166 | 3952 |
| 17 chrF1.225631A | G | 0.2129 | 4006 |
| 17 chrF1.225955A | G | 0.1113 | 3980 |
| 17 chrF1.226313A | C | 0.1516 | 4010 |
| 17 chrUn.28178A | G | 0.2932 | 3898 |
| 17 chrF1.226631G | A | 0.4578 | 4002 |
| 17 chrF1.226968G | A | 0.3129 | 3998 |
| 17 chrF1.227519A | G | 0.2738 | 3904 |
| 17 chrF1.227556G | A | 0.3498 | 4002 |
| 17 chrF1.228533A | G | 0.3408 | 3996 |
| 17 chrF1.228899G | A | 0.1727 | 3996 |
| 17 chrF1.229198G | A | 0.1135 | 3990 |
| 17 chrF1.229901A | G | 0.2731 | 3812 |
| 17 chrF1.230221A | G | 0.3288 | 3990 |
| 17 chrF1.231010A | G | 0.04176 | 3688 |
| 17 chrF1.231559C | A | 0.421 | 4002 |
| 17 chrF1.232063C | A | 0.1386 | 3938 |
| 17 chrF1.232644G | A | 0.0691 | 3994 |
| 17 chrF1.232925A | G | 0.09075 | 4000 |
| 17 chrF1.233228A | C | 0.1068 | 4006 |
| 17 chrF1.234067G | A | 0.05453 | 3998 |
| 17 chrF1.234409G | A | 0.2846 | 3900 |
| 17 chrF1.234655G | A | 0.1951 | 3968 |
| 17 chrF1.234884C | A | 0.268 | 3940 |
| 17 chrF1.234963A | G | 0.3493 | 3974 |
| 17 chrF1.235269G | A | 0.1438 | 4000 |
| 17 chrF1.235543G | A | 0.04497 | 3936 |
| 17 chrF1.236119C | A | 0.02858 | 3954 |
| 17 chrF1.236654G | A | 0.2403 | 3800 |
| 17 chrF1.237061A | G | 0.3063 | 3990 |
| 17 chrF1.237419A | G | 0.1744 | 3980 |
| 17 chrF1.237443A | G | 0.3517 | 3958 |
| 17 chrF1.237887A | G | 0.0512 | 4004 |
| 17 chrF1.238147A | G | 0.3625 | 3992 |
| 17 chrF1.238648G | A | 0.4106 | 3992 |

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| 17 chrF1.239496A | G | 0.3396 | 4002 |
| 17 chrF1.240031A | G | 0.3416 | 3984 |
| 17 chrUn.76173(G | A | 0.1111 | 3872 |
| 17 chrF1.240318G | A | 0.086 | 3686 |
| 17 chrF1.241482G | A | 0.4008 | 3992 |
| 17 chrF1.241726C | A | 0.226 | 4008 |
| 17 chrF1.241992G | A | 0.01298 | 4006 |
| 17 chrF1.242364A | G | 0.2189 | 3824 |
| 17 chrF1.242659A | C | 0.06019 | 4004 |
| 17 chrF1.243203A | G | 0.451 | 3960 |
| 17 chrF1.243889G | A | 0.05267 | 4006 |
| 17 chrF1.244349A | G | 0.2889 | 3884 |
| 17 chrF1.244732A | C | 0.4354 | 3980 |
| 17 chrF1.245508A | G | 0.03095 | 4006 |
| 17 chrF1.245831A | G | 0.0357 | 4006 |
| 17 chrF1.246215G | A | 0.04918 | 4006 |
| 17 chrF1.246590G | A | 0.2509 | 3918 |
| 17 chrF1.247280G | A | 0.3822 | 3980 |
| 17 chrF1.248032A | G | 0.05489 | 4008 |
| 17 chrF1.248326A | G | 0.3872 | 3786 |
| 17 chrF1.248596G | A | 0.06846 | 3988 |
| 17 chrF1.248860A | G | 0.2404 | 4006 |
| 17 chrF1.249108C | A | 0.1992 | 3996 |
| 17 chrF1.249611A | G | 0.09562 | 3974 |
| 17 chrF1.251983A | G | 0.3398 | 3938 |
| 17 chrF1.252412A | G | 0.334 | 3880 |
| 17 chrF1.252476A | G | 0.3433 | 3918 |
| 17 chrF1.253718A | G | 0.04148 | 4002 |
| 17 chrF1.254357G | A | 0.4681 | 3856 |
| 17 chrF1.254848A | G | 0.3832 | 4000 |
| 17 chrF1.255374C | A | 0.3085 | 3968 |
| 17 chrF1.255733A | G | 0.05135 | 3992 |
| 17 chrF1.256245G | A | 0.1187 | 4010 |
| 17 chrF1.256595A | G | 0.4826 | 3976 |
| 17 chrF1.257409A | G | 0.1014 | 4002 |
| 17 chrF1.257995A | G | 0.03222 | 4004 |
| 17 chrF1.258419G | A | 0.001754 | 3992 |
| 17 chrF1.259121G | A | 0.039 | 4000 |
| 17 chrF1.259365G | A | 0.1223 | 3974 |
| 17 chrF1.260931G | A | 0.2542 | 3970 |
| 17 chrF1.261440A | G | 0.3827 | 3998 |

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| 17 chrF1.261698A | G | 0.4079 | 3888 |
| 17 chrF1.262176G | A | 0.3207 | 4000 |
| 17 chrF1.262734A | G | 0.397 | 3980 |
| 17 chrF1.263074A | G | 0.1635 | 3988 |
| 17 chrF1.263356C | A | 0.3314 | 3986 |
| 17 chrF1.263762G | A | 0.3545 | 4008 |
| 17 chrF1.264173G | A | 0.1612 | 3964 |
| 17 chrF1.264837G | A | 0.4556 | 3988 |
| 17 chrF1.265470A | G | 0.1301 | 3988 |
| 17 chrF1.266031A | G | 0.2422 | 3992 |
| 17 chrF1.266402G | A | 0.1826 | 4004 |
| 17 chrF1.266690A | G | 0.1585 | 4000 |
| 17 chrF1.267131G | A | 0.1363 | 4006 |
| 17 chrF1.268051G | A | 0.1537 | 4008 |
| 17 chrF1.268760G | A | 0.187 | 4006 |
| 17 chrF1.269428G | A | 0.2196 | 3994 |
| 17 chrF1.269914A | G | 0.1507 | 4002 |
| 17 chrF1.270332A | C | 0.4693 | 4002 |
| 17 chrF1.270765G | A | 0.2943 | 3976 |
| 17 chrF1.271635G | A | 0.05844 | 4004 |
| 17 chrF1.272084A | C | 0.09411 | 3974 |
| 17 chrF1.273185G | A | 0.1993 | 3974 |
| 17 chrF1.273433A | G | 0.009202 | 3912 |
| 17 chrF1.273935G | A | 0.4195 | 3998 |
| 17 chrF1.274673G | A | 0.1309 | 4002 |
| 17 chrF1.275020C | A | 0.3167 | 3988 |
| 17 chrF1.275400A | G | 0.457 | 4000 |
| 17 chrUn.299477G | A | 0.4254 | 3994 |
| 17 chrF1.275747A | G | 0.1228 | 4000 |
| 17 chrF1.276233G | A | 0.4442 | 3982 |
| 17 chrF1.276586G | A | 0.2411 | 4002 |
| 17 chrF1.276964G | A | 0.26 | 3996 |
| 17 chrF1.277397 | 0 G | 0 | 4010 |
| 17 chrF1.277964G | A | 0.4883 | 4000 |
| 17 chrF1.278295A | G | 0.01921 | 4008 |
| 17 chrF1.278573A | C | 0.4847 | 3998 |
| 17 chrF1.278841A | G | 0.3685 | 3984 |
| 17 chrF1.279205A | G | 0.3871 | 3986 |
| 17 chrF1.279716C | A | 0.491 | 4002 |
| 17 chrF1.280051G | A | 0.2369 | 4002 |
| 17 chrF1.280578G | A | 0.3003 | 4002 |

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| 17 chrF1.281067G | A | 0.199 | 4010 |
| 17 chrF1.281416G | A | 0.006278 | 3982 |
| 17 chrF1.281794A | G | 0.3799 | 4004 |
| 17 chrF1.282221A | G | 0.3492 | 4004 |
| 17 chrF1.282690A | G | 0.1573 | 3960 |
| 17 chrUn.701116G | A | 0.499 | 3992 |
| 17 chrUn.701115A | G | 0.3238 | 4002 |
| 17 chrF1.282985A | G | 0.01179 | 3986 |
| 17 chrF1.283243A | G | 0.1663 | 3968 |
| 17 chrF1.283525A | G | 0.1642 | 3988 |
| 17 chrF1.283556A | G | 0.1949 | 4008 |
| 17 chrUn.20506A | A | 0.3789 | 3824 |
| 17 chrF1.284640A | G | 0.3079 | 3966 |
| 17 chrF1.284941G | A | 0.4763 | 4004 |
| 17 chrF1.285354A | G | 0.3632 | 4006 |
| 17 chrF1.285874A | G | 0.1907 | 4002 |
| 17 chrF1.286300A | G | 0.3958 | 4002 |
| 17 chrF1.286882A | G | 0.196 | 3954 |
| 17 chrF1.287517A | G | 0.01684 | 3978 |
| 17 chrF1.287758G | A | 0.4471 | 3950 |
| 17 chrF1.288263A | G | 0.06485 | 3994 |
| 17 chrF1.288639G | A | 0.3528 | 4002 |
| 17 chrF1.289352A | G | 0.3919 | 4004 |
| 17 chrF1.289607G | A | 0.354 | 3986 |
| 17 chrF1.289911A | C | 0.08022 | 3964 |
| 17 chrF1.290501A | G | 0.3605 | 4006 |
| 17 chrF1.291212A | G | 0.1452 | 3980 |
| 17 chrF1.291235C | A | 0.3148 | 4002 |
| 17 chrF1.291379T | A | 0.3581 | 3996 |
| 17 chrF1.291494C | A | 0.2802 | 4004 |
| 17 chrF1.291966G | A | 0.1906 | 3992 |
| 17 chrF1.292348A | G | 0.1458 | 3998 |
| 17 chrF1.292627A | G | 0.1921 | 4008 |
| 17 chrF1.292936A | G | 0.3238 | 3990 |
| 17 chrF1.293432A | C | 0.3739 | 3916 |
| 17 chrF1.293916G | A | 0.1189 | 4002 |
| 17 chrF1.294226G | A | 0.3161 | 4008 |
| 17 chrF1.294672G | A | 0.3673 | 4002 |
| 17 chrF1.295071G | A | 0.2158 | 3972 |
| 17 chrF1.295499A | G | 0.3901 | 4004 |
| 17 chrF1.295506G | A | 0.4226 | 3980 |

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| 17 chrF1.296402A | G | 0.1888 | 4004 |
| 17 chrF1.296895 | 0 G | 0 | 3832 |
| 17 chrF1.297200G | A | 0.3226 | 4008 |
| 17 chrF1.298439G | A | 0.3054 | 4004 |
| 17 chrF1.298684A | G | 0.2747 | 3986 |
| 17 chrF1.299099G | A | 0.05165 | 4008 |
| 17 chrF1.299835G | A | 0.4975 | 3994 |
| 17 chrF1.300331A | G | 0.485 | 3998 |
| 17 chrF1.300440A | G | 0.1102 | 4000 |
| 17 chrF1.300627G | A | 0.2809 | 3880 |
| 17 chrF1.300902G | A | 0.4578 | 3790 |
| 17 chrF1.301155G | A | 0.3987 | 3878 |
| 17 chrF1.301396G | A | 0.4743 | 3886 |
| 17 chrF1.302339A | G | 0.1425 | 4006 |
| 17 chrF1.302717A | G | 0.2048 | 4004 |
| 17 chrF1.303189A | G | 0.2781 | 4006 |
| 17 chrF1.303363A | G | 0.2799 | 3990 |
| 17 chrF1.303749G | A | 0.1922 | 4002 |
| 17 chrF1.304108A | G | 0.3582 | 3978 |
| 17 chrF1.304807A | G | 0.1128 | 4008 |
| 17 chrF1.305310A | G | 0.236 | 4004 |
| 17 chrF1.305605G | A | 0.2843 | 4000 |
| 17 chrF1.306396G | A | 0.4942 | 3946 |
| 17 chrF1.306706A | G | 0.3829 | 3996 |
| 17 chrF1.307274A | G | 0.2116 | 3994 |
| 17 chrF1.307824A | G | 0.2716 | 4002 |
| 17 chrF1.308085A | G | 0.1884 | 3980 |
| 17 chrF1.308774A | G | 0.2107 | 4010 |
| 17 chrF1.309181A | C | 0.266 | 4004 |
| 17 chrF1.310168C | A | 0.1443 | 3950 |
| 17 chrF1.310499A | G | 0.2646 | 4006 |
| 17 chrF1.311900A | G | 0.382 | 3966 |
| 17 chrF1.312212G | A | 0.3549 | 3998 |
| 17 chrF1.312974G | A | 0.2486 | 3998 |
| 17 chrF1.313298A | G | 0.2525 | 3992 |
| 17 chrF1.313984G | A | 0.1003 | 4006 |
| 17 chrF1.314330A | C | 0.069 | 4000 |
| 17 chrF1.314636A | G | 0.2661 | 3954 |
| 17 chrF1.315322G | A | 0.07114 | 4006 |
| 17 chrF1.315655G | A | 0.1771 | 4004 |
| 17 chrF1.316102G | A | 0.3058 | 4000 |

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| 17 chrF1.31645C A | G | 0.148 | 3918 |
| 17 chrF1.316727C | A | 0.2651 | 3896 |
| 17 chrF1.317034A | G | 0.2018 | 3994 |
| 17 chrF1.317602A | G | 0.3438 | 3968 |
| 17 chrF1.317781A | G | 0.2216 | 3940 |
| 17 chrF1.318156G | A | 0.1362 | 4000 |
| 17 chrF1.318601A | G | 0.2114 | 3946 |
| 17 chrF1.319657A | G | 0.4375 | 3746 |
| 17 chrF1.31993C G | A | 0.4343 | 3986 |
| 17 chrF1.320278A | G | 0.2661 | 3946 |
| 17 chrF1.320739A | C | 0.09595 | 4002 |
| 17 chrF1.321011A | G | 0.4049 | 4006 |
| 17 chrF1.321584G | A | 0.1999 | 4002 |
| 17 chrF1.322158A | G | 0.1603 | 3998 |
| 17 chrF1.322885A | G | 0.1813 | 4000 |
| 17 chrF1.323175G | A | 0.3144 | 3830 |
| 17 chrF1.324246A | G | 0.1117 | 3652 |
| 17 chrF1.324532G | A | 0.271 | 4000 |
| 17 chrF1.32500C A | G | 0.08158 | 3996 |
| 17 chrF1.32562C A | C | 0.16 | 3994 |
| 17 chrF1.325987G | A | 0.001251 | 3998 |
| 17 chrF1.32633C G | A | 0.4682 | 4000 |
| 17 chrF1.326713A | G | 0.08258 | 3996 |
| 17 chrF1.327382A | G | 0.3502 | 3958 |
| 17 chrF1.327961G | A | 0.2974 | 3994 |
| 17 chrF1.328222A | C | 0.2021 | 3978 |
| 17 chrF1.329416C | A | 0.07727 | 3960 |
| 17 chrF1.329963A | G | 0.27 | 4004 |
| 17 chrF1.330348G | A | 0.1286 | 3918 |
| 17 chrF1.330609G | A | 0.1358 | 3990 |
| 17 chrF1.331048G | A | 0.05395 | 4004 |
| 17 chrX.3351957G | A | 0.4537 | 4000 |
| 17 chrF1.331957G | A | 0.2992 | 4004 |
| 17 chrF1.332496A | G | 0.2709 | 3928 |
| 17 chrF1.332602 | 0 G | 0 | 3996 |
| 17 chrF1.333123A | C | 0.3678 | 3942 |
| 17 chrF1.333453A | C | 0.418 | 4002 |
| 17 chrF1.333762A | G | 0.3041 | 3732 |
| 17 chrF1.334033A | G | 0.4724 | 3870 |
| 17 chrF1.334452A | G | 0.03505 | 3994 |
| 17 chrF1.334885G | A | 0.2959 | 4008 |

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| 17 chrF1.335301A | C | 0.4431 | 4006 |
| 17 chrF1.335570A | G | 0.4225 | 4002 |
| 17 chrF1.335855G | A | 0.09016 | 4004 |
| 17 chrF1.336215C | A | 0.1515 | 4006 |
| 17 chrF1.336476G | A | 0.2796 | 3984 |
| 17 chrF1.336964G | A | 0.298 | 4000 |
| 17 chrF1.337318C | A | 0.22 | 4000 |
| 17 chrF1.337692A | G | 0.3808 | 3978 |
| 17 chrF1.338308G | A | 0.04798 | 4002 |
| 17 chrF1.338582 | 0 A | 0 | 4006 |
| 17 chrF1.338751A | G | 0.3957 | 3988 |
| 17 chrF1.339157G | A | 0.3484 | 3998 |
| 17 chrF1.340582A | G | 0.494 | 3994 |
| 17 chrF1.341185A | C | 0.1108 | 3970 |
| 17 chrF1.342277G | A | 0.04454 | 3996 |
| 17 chrF1.343249A | G | 0.2452 | 3980 |
| 17 chrF1.343583A | G | 0.3019 | 3998 |
| 17 chrF1.343943G | A | 0.02167 | 3968 |
| 17 chrF1.344478G | A | 0.4937 | 3988 |
| 17 chrF1.345201G | A | 0.4534 | 3988 |
| 17 chrF1.346030C | A | 0.2356 | 3986 |
| 17 chrF1.346305A | G | 0.04822 | 3982 |
| 17 chrF1.346682A | G | 0.2972 | 4004 |
| 17 chrF1.347496A | C | 0.431 | 3930 |
| 17 chrF1.348036A | G | 0.2735 | 4000 |
| 17 chrF1.348289A | G | 0.2584 | 3994 |
| 17 chrF1.348688A | G | 0.1482 | 4000 |
| 17 chrF1.349098G | A | 0.3801 | 3994 |
| 17 chrF1.349508A | G | 0.04468 | 4006 |
| 17 chrF1.349565 | 0 G | 0 | 4008 |
| 17 chrF1.349910G | A | 0.1954 | 4008 |
| 17 chrF1.350740G | A | 0.3939 | 4004 |
| 17 chrF1.351346G | A | 0.1545 | 3994 |
| 17 chrF1.351718G | A | 0.4719 | 3984 |
| 17 chrF1.352873A | G | 0.1928 | 4004 |
| 17 chrF1.353365A | G | 0.04256 | 3994 |
| 17 chrF1.354120A | G | 0.05614 | 3794 |
| 17 chrF1.354525C | A | 0.1726 | 3928 |
| 17 chrF1.355833C | A | 0.02778 | 3996 |
| 17 chrF1.356549A | G | 0.1213 | 4006 |
| 17 chrF1.356841G | A | 0.4321 | 3960 |

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| 17 chrF1.357611A | G | 0.1963 | 4004 |
| 17 chrF1.358171A | G | 0.124 | 3840 |
| 17 chrF1.358572A | G | 0.2011 | 3994 |
| 17 chrF1.359176G | A | 0.1606 | 3998 |
| 17 chrF1.359634 | 0 G | 0 | 4010 |
| 17 chrF1.359853A | C | 0.2671 | 4010 |
| 17 chrF1.360630A | G | 0.4728 | 4004 |
| 17 chrF1.360941A | G | 0.421 | 4002 |
| 17 chrF1.361762A | G | 0.327 | 4000 |
| 17 chrF1.362143A | G | 0.3871 | 3996 |
| 17 chrF1.362457A | G | 0.07721 | 4002 |
| 17 chrF1.362721G | A | 0.2583 | 3996 |
| 17 chrF1.363748G | A | 0.03523 | 4002 |
| 17 chrF1.364837A | G | 0.4095 | 3932 |
| 17 chrF1.365450G | A | 0.3983 | 4002 |
| 17 chrF1.365926C | A | 0.4716 | 3938 |
| 17 chrF1.366327G | A | 0.0004993 | 4006 |
| 17 chrF1.366603C | A | 0.3719 | 3988 |
| 17 chrF1.367091G | A | 0.1843 | 3982 |
| 17 chrF1.367169G | A | 0.2569 | 4006 |
| 17 chrF1.367420G | A | 0.167 | 3988 |
| 17 chrF1.368225A | G | 0.2789 | 3976 |
| 17 chrF1.368473G | A | 0.3909 | 4006 |
| 17 chrF1.368740A | G | 0.1249 | 3978 |
| 17 chrF1.369205A | G | 0.1065 | 3914 |
| 17 chrF1.369590A | G | 0.2335 | 3992 |
| 17 chrF1.369925G | A | 0.1892 | 4006 |
| 17 chrF1.370542G | A | 0.2916 | 3998 |
| 17 chrF1.370805A | G | 0.1908 | 3968 |
| 17 chrF1.371100A | G | 0.229 | 4004 |
| 17 chrF1.371653A | C | 0.384 | 4000 |
| 17 chrF1.372427G | A | 0.1297 | 4002 |
| 17 chrF1.372829G | A | 0.2393 | 3932 |
| 17 chrF1.373150G | A | 0.0589 | 3990 |
| 17 chrF1.373534A | G | 0.1164 | 3798 |
| 17 chrF1.374352G | A | 0.01931 | 3988 |
| 17 chrF1.374920A | G | 0.4363 | 4006 |
| 17 chrF1.375417G | A | 0.284 | 3986 |
| 17 chrF1.375488A | G | 0.2852 | 3980 |
| 17 chrF1.375785A | C | 0.04298 | 3816 |
| 17 chrF1.376059A | G | 0.03192 | 4010 |

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| 17 chrF1.376429G | A | 0.1693 | 3998 |
| 17 chrF1.376946G | A | 0.1798 | 3998 |
| 17 chrF1.377620G | A | 0.2862 | 4004 |
| 17 chrF1.377994A | C | 0.3745 | 3992 |
| 17 chrF1.378235G | A | 0.2016 | 4002 |
| 17 chrF1.378740G | A | 0.3741 | 3996 |
| 17 chrF1.379202A | G | 0.2811 | 4006 |
| 17 chrF1.379722A | G | 0.2299 | 3876 |
| 17 chrF1.380157G | A | 0.4975 | 3990 |
| 17 chrF1.380405G | A | 0.09234 | 3996 |
| 17 chrF1.380645G | A | 0.3165 | 4000 |
| 17 chrF1.381348A | C | 0.1224 | 3996 |
| 17 chrF1.381672A | C | 0.1452 | 3952 |
| 17 chrF1.382055A | G | 0.2961 | 3998 |
| 17 chrF1.382608C | A | 0.3836 | 4004 |
| 17 chrF1.383006G | A | 0.4732 | 3994 |
| 17 chrF1.383405G | A | 0.4287 | 3998 |
| 17 chrF1.383653A | G | 0.1291 | 4004 |
| 17 chrF1.383962G | A | 0.1791 | 3982 |
| 17 chrF1.384559A | G | 0.1198 | 3982 |
| 17 chrF1.384981A | G | 0.08413 | 3970 |
| 17 chrF1.385271A | C | 0.1011 | 3958 |
| 17 chrF1.385713A | G | 0.3405 | 3994 |
| 17 chrF1.386125G | A | 0.1938 | 4004 |
| 17 chrF1.386586A | G | 0.102 | 3832 |
| 17 chrF1.386959A | G | 0.1648 | 4004 |
| 17 chrF1.387796G | A | 0.1093 | 4006 |
| 17 chrF1.387965A | C | 0.2166 | 3874 |
| 17 chrF1.388523G | A | 0.496 | 3982 |
| 17 chrF1.388880G | A | 0.4673 | 4008 |
| 17 chrF1.389173A | G | 0.08109 | 4008 |
| 17 chrF1.389645A | C | 0.2034 | 3988 |
| 17 chrF1.390293G | A | 0.467 | 4002 |
| 17 chrF1.390567A | G | 0.2555 | 3992 |
| 17 chrF1.391024G | A | 0.000499 | 4008 |
| 17 chrF1.391107G | A | 0.2911 | 3998 |
| 17 chrF1.391645G | A | 0.1523 | 4004 |
| 17 chrF1.391913A | G | 0.08433 | 4008 |
| 17 chrF1.392257G | A | 0.1857 | 3996 |
| 17 chrF1.392570G | A | 0.3504 | 3984 |
| 17 chrF1.393273A | G | 0.2727 | 3960 |

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| 17 chrF1.393938C | A | 0.3313 | 3996 |
| 17 chrF1.394500C | A | 0.1286 | 3998 |
| 17 chrF1.395622A | G | 0.3078 | 4002 |
| 17 chrF1.395910A | G | 0.4657 | 3938 |
| 17 chrF1.396353G | A | 0.2434 | 4006 |
| 17 chrF1.396779A | G | 0.225 | 4004 |
| 17 chrF1.397253G | A | 0.1358 | 3902 |
| 17 chrF1.397621A | G | 0.3427 | 3998 |
| 17 chrF1.398029A | G | 0.02824 | 3930 |
| 17 chrF1.398663A | G | 0.03194 | 4008 |
| 17 chrF1.399355G | A | 0.3207 | 4004 |
| 17 chrF1.399736C | A | 0.4497 | 3978 |
| 17 chrF1.400214A | G | 0.4177 | 3984 |
| 17 chrF1.400616A | C | 0.4858 | 3954 |
| 17 chrF1.400972C | A | 0.2617 | 3836 |
| 17 chrF1.401480G | A | 0.25 | 4004 |
| 17 chrF1.401793G | A | 0.3462 | 3992 |
| 17 chrF1.402274C | A | 0.08716 | 4004 |
| 17 chrF1.402835G | A | 0.3294 | 3974 |
| 17 chrF1.403240A | G | 0.028 | 4000 |
| 17 chrF1.403871C | A | 0.2076 | 4002 |
| 17 chrF1.404155A | G | 0.3343 | 3990 |
| 17 chrF1.404423A | G | 0.2485 | 3992 |
| 17 chrF1.404940C | A | 0.4499 | 3992 |
| 17 chrF1.405468C | A | 0.4702 | 3994 |
| 17 chrF1.405846A | G | 0.3618 | 4000 |
| 17 chrF1.406373A | G | 0.1615 | 3982 |
| 17 chrF1.407055A | G | 0.1003 | 4006 |
| 17 chrF1.407626G | A | 0.09344 | 3992 |
| 17 chrF1.408005A | G | 0.3469 | 3990 |
| 17 chrF1.408316A | G | 0.3238 | 4006 |
| 17 chrF1.408616A | G | 0.1665 | 3988 |
| 17 chrF1.408919A | G | 0.2367 | 3992 |
| 17 chrF1.409625A | G | 0.2993 | 4000 |
| 17 chrF1.410339A | G | 0.2481 | 4002 |
| 17 chrF1.410721A | G | 0.3008 | 3996 |
| 17 chrF1.410988G | A | 0.258 | 3888 |
| 17 chrF1.411298C | A | 0.1418 | 3992 |
| 17 chrF1.411583C | A | 0.1773 | 4000 |
| 17 chrF1.411817A | G | 0.3919 | 3986 |
| 17 chrF1.411837A | G | 0.1735 | 4000 |

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| 17 chrF1.412611A | G | 0.1933 | 4000 |
| 17 chrF1.413032C | A | 0.2538 | 4000 |
| 17 chrF1.413219G | A | 0.2691 | 3980 |
| 17 chrF1.413526A | G | 0.03398 | 4002 |
| 17 chrF1.414038A | G | 0.1848 | 4004 |
| 17 chrF1.414340A | G | 0.3739 | 3998 |
| 17 chrF1.415371G | A | 0.1959 | 3996 |
| 17 chrF1.416290A | G | 0.1683 | 3994 |
| 17 chrF1.416978A | G | 0.4517 | 4000 |
| 17 chrF1.417369G | A | 0.181 | 4000 |
| 17 chrF1.417954C | A | 0.1105 | 3990 |
| 17 chrF1.418466G | A | 0.2319 | 3972 |
| 17 chrF1.418864A | G | 0.1557 | 4002 |
| 17 chrF1.418984A | G | 0.107 | 3954 |
| 17 chrF1.419404A | C | 0.2616 | 3918 |
| 17 chrF1.419884A | C | 0.4217 | 3998 |
| 17 chrF1.420356A | G | 0.2748 | 3996 |
| 17 chrF1.420503G | A | 0.434 | 4002 |
| 17 chrF1.420887A | G | 0.05464 | 4008 |
| 17 chrF1.421143A | G | 0.2439 | 3998 |
| 17 chrF1.421583G | A | 0.3504 | 3996 |
| 17 chrF1.421990A | G | 0.1188 | 3822 |
| 17 chrF1.422720A | G | 0.06833 | 4010 |
| 17 chrF1.423178A | G | 0.1381 | 3802 |
| 17 chrF1.423621G | A | 0.2849 | 4002 |
| 17 chrF1.423888C | A | 0.3558 | 3834 |
| 17 chrF1.424518A | C | 0.0657 | 3988 |
| 17 chrF1.425016A | G | 0.286 | 3996 |
| 17 chrF1.425717G | A | 0.2359 | 3998 |
| 17 chrC2.119645A | G | 0.37 | 3822 |
| 17 chrF1.426942C | A | 0.1402 | 4002 |
| 17 chrC2.123044A | G | 0.4909 | 3952 |
| 17 chrF1.427614G | A | 0.4013 | 3980 |
| 17 chrC2.123768C | A | 0.1614 | 3954 |
| 17 chrF1.428259G | A | 0.2002 | 3992 |
| 17 chrF1.428690A | G | 0.3092 | 3962 |
| 17 chrF1.429685A | G | 0.1581 | 3998 |
| 17 chrF1.430535A | G | 0.159 | 4006 |
| 17 chrF1.430981C | A | 0.04773 | 4002 |
| 17 chrF1.431702G | A | 0.3835 | 3966 |
| 17 chrF1.432191G | A | 0.2676 | 3902 |

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| 17 chrUn.81187:A | G | 0.1036 | 3938 |
| 17 chrF1.432853G | A | 0.1569 | 3996 |
| 17 chrF1.433616G | A | 0.3573 | 3910 |
| 17 chrUn.22352(A | G | 0.3337 | 4006 |
| 17 chrF1.434091A | C | 0.3698 | 3894 |
| 17 chrF1.434607A | G | 0.4299 | 3992 |
| 17 chrF1.434857A | G | 0.2096 | 3754 |
| 17 chrF1.435144A | G | 0.08986 | 3984 |
| 17 chrF1.435583A | G | 0.1326 | 3990 |
| 17 chrF1.436176G | A | 0.04036 | 3940 |
| 17 chrF1.436436G | A | 0.4728 | 4008 |
| 17 chrF1.437410A | G | 0.287 | 4010 |
| 17 chrF1.438009A | G | 0.1564 | 3868 |
| 17 chrF1.438383C | A | 0.3111 | 3992 |
| 17 chrF1.438740A | G | 0.1839 | 4008 |
| 17 chrF1.439132A | G | 0.2843 | 4000 |
| 17 chrF1.440231A | G | 0.3025 | 3994 |
| 17 chrF1.440516G | A | 0.3911 | 3996 |
| 17 chrF1.441089G | A | 0.3596 | 3996 |
| 17 chrF1.441466G | A | 0.01998 | 4004 |
| 17 chrF1.442015G | A | 0.3074 | 3998 |
| 17 chrF1.442356A | G | 0.1667 | 3936 |
| 17 chrF1.442867A | G | 0.2027 | 4000 |
| 17 chrF1.443579G | A | 0.4056 | 3994 |
| 17 chrF1.444048A | C | 0.4461 | 3992 |
| 17 chrF1.444294A | C | 0.04371 | 4004 |
| 17 chrF1.444831A | G | 0.313 | 3904 |
| 17 chrF1.445150G | A | 0.1792 | 4002 |
| 17 chrF1.445501A | G | 0.1119 | 4002 |
| 17 chrF1.446011G | A | 0.3551 | 4002 |
| 17 chrUn.70053(A | G | 0.4783 | 4004 |
| 17 chrF1.446365G | A | 0.06358 | 3948 |
| 17 chrUn.42260(A | A | 0.469 | 3938 |
| 17 chrF1.447164A | G | 0.146 | 4008 |
| 17 chrF1.447430A | G | 0.2304 | 3910 |
| 17 chrF1.448016A | G | 0.1997 | 4006 |
| 17 chrF1.448357A | G | 0.2119 | 3992 |
| 17 chrF1.448976G | A | 0.01715 | 3966 |
| 17 chrF1.449465A | G | 0.2007 | 4006 |
| 17 chrF1.450073G | A | 0.01672 | 4006 |
| 17 chrF1.450125A | G | 0.1248 | 4008 |

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| 17 chrF1.450684A | G | 0.2822 | 4008 |
| 17 chrUn.21337A | G | 0.02089 | 3830 |
| 17 chrF1.451305C | A | 0.4289 | 3896 |
| 17 chrF1.451930C | A | 0.3163 | 3990 |
| 17 chrF1.452601A | G | 0.3385 | 4000 |
| 17 chrF1.452783A | G | 0.0342 | 4006 |
| 17 chrF1.453085A | C | 0.06098 | 3936 |
| 17 chrF1.453368A | G | 0.2895 | 3920 |
| 17 chrF1.454703A | G | 0.2189 | 3992 |
| 17 chrF1.454846G | A | 0.2849 | 3998 |
| 17 chrF1.455277A | G | 0.4567 | 3994 |
| 17 chrF1.455931A | G | 0.2863 | 4000 |
| 17 chrF1.456819C | A | 0.02308 | 3942 |
| 17 chrF1.457110G | A | 0.4343 | 3956 |
| 17 chrF1.458152G | A | 0.1682 | 3996 |
| 17 chrF1.459348A | G | 0.2671 | 3976 |
| 17 chrF1.459474 | 0 G | 0 | 3988 |
| 17 chrF1.459811C | A | 0.0341 | 3988 |
| 17 chrF1.460645G | A | 0.4432 | 3982 |
| 17 chrF1.461220A | G | 0.3798 | 4002 |
| 17 chrF1.461702C | A | 0.1354 | 3886 |
| 17 chrF1.462095G | A | 0.3634 | 4004 |
| 17 chrF1.462476G | A | 0.2871 | 4006 |
| 17 chrF1.463034A | G | 0.07563 | 3980 |
| 17 chrF1.463297G | A | 0.3417 | 3998 |
| 17 chrUn.37831A | A | 0.196 | 4010 |
| 17 chrF1.463807A | G | 0.3346 | 4002 |
| 17 chrF1.464345C | A | 0.3374 | 3992 |
| 17 chrF1.464686C | A | 0.2199 | 3966 |
| 17 chrF1.655630A | G | 0.2476 | 4006 |
| 17 chrF1.655102G | A | 0.2274 | 4006 |
| 17 chrF1.654777A | G | 0.2838 | 3982 |
| 17 chrF1.654481G | A | 0.4018 | 3980 |
| 17 chrF1.654360A | G | 0.4601 | 3984 |
| 17 chrF1.654091C | A | 0.0455 | 4000 |
| 17 chrUn7.4921A | G | 0.2255 | 4000 |
| 17 chrF1.653497A | G | 0.1092 | 4002 |
| 17 chrF1.653161A | G | 0.09561 | 4006 |
| 17 chrF1.653101A | G | 0.2836 | 3956 |
| 17 chrF1.652636G | A | 0.2349 | 3980 |
| 17 chrF1.651983A | G | 0.1081 | 4006 |

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| 17 chrF1.651582A | G | 0.0386 | 3834 |
| 17 chrF1.651276C | A | 0.3227 | 3750 |
| 17 chrF1.650882A | G | 0.008229 | 4010 |
| 17 chrF1.650391G | A | 0.1199 | 3794 |
| 17 chrF1.650127A | G | 0.4328 | 4004 |
| 17 chrF1.649413G | A | 0.4088 | 3992 |
| 17 chrF1.649036A | G | 0.2952 | 3960 |
| 17 chrF1.648701A | G | 0.1412 | 3944 |
| 17 chrF1.648066A | G | 0.3348 | 3988 |
| 17 chrF1.647823C | A | 0.1218 | 3998 |
| 17 chrF1.647505A | G | 0.07107 | 3982 |
| 17 chrF1.647047G | A | 0.3959 | 3966 |
| 17 chrF1.646607A | C | 0.3307 | 3982 |
| 17 chrF1.646232A | G | 0.1893 | 3998 |
| 17 chrF1.645542A | G | 0.1359 | 3996 |
| 17 chrF1.645495G | A | 0.1995 | 4000 |
| 17 chrF1.645139A | G | 0.1596 | 3966 |
| 17 chrF1.644641A | C | 0.03283 | 3990 |
| 17 chrF1.644395A | G | 0.05317 | 4006 |
| 17 chrF1.643993G | A | 0.4622 | 3970 |
| 17 chrF1.643548A | G | 0.3242 | 3998 |
| 17 chrF1.642587A | G | 0.3712 | 3952 |
| 17 chrF1.642304C | A | 0.1406 | 4004 |
| 17 chrF1.642023A | G | 0.3589 | 3920 |
| 17 chrF1.641496G | A | 0.1499 | 3962 |
| 17 chrF1.641139C | A | 0.1375 | 3992 |
| 17 chrF1.640901A | G | 0.228 | 4004 |
| 17 chrF1.640650A | G | 0.09476 | 3852 |
| 17 chrF1.640031A | G | 0.3165 | 3934 |
| 17 chrF1.639791G | A | 0.3024 | 3962 |
| 17 chrF1.639550G | A | 0.08275 | 4000 |
| 17 chrF1.639366C | A | 0.4598 | 3960 |
| 17 chrF1.639000G | A | 0.2955 | 3986 |
| 17 chrF1.637448G | A | 0.4985 | 3978 |
| 17 chrF1.637412G | A | 0.06078 | 3998 |
| 17 chrF1.636590G | A | 0.2413 | 4004 |
| 17 chrF1.636134G | A | 0.2405 | 4008 |
| 17 chrF1.635484A | G | 0.2328 | 3990 |
| 17 chrF1.635162A | G | 0.1977 | 3990 |
| 17 chrF1.634577C | A | 0.4713 | 3978 |
| 17 chrF1.634191A | G | 0.4232 | 3996 |

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| 17 chrF1.633914A | G | 0.1095 | 4000 |
| 17 chrB4.157785A | G | 0.1548 | 3972 |
| 17 chrF1.632995G | A | 0.4255 | 3972 |
| 17 chrF1.632729A | G | 0.4553 | 3872 |
| 17 chrF1.632292A | G | 0.1592 | 4008 |
| 17 chrF1.631781C | A | 0.1322 | 4010 |
| 17 chrF1.631142A | G | 0.02822 | 4004 |
| 17 chrF1.630826A | C | 0.1197 | 4002 |
| 17 chrF1.630535A | C | 0.2134 | 4006 |
| 17 chrF1.630123A | G | 0.06119 | 4004 |
| 17 chrF1.629733G | A | 0.09114 | 3994 |
| 17 chrF1.629298G | A | 0.1664 | 4002 |
| 17 chrF1.628795A | G | 0.1398 | 3992 |
| 17 chrF1.628782G | A | 0.03821 | 4004 |
| 17 chrF1.628439G | A | 0.3753 | 3992 |
| 17 chrF1.628267A | C | 0.03706 | 3886 |
| 17 chrB3.422634A | G | 0.02045 | 3864 |
| 17 chrB3.290098A | G | 0.3288 | 3978 |
| 17 chrUn38.1017A | G | 0.3952 | 3998 |
| 17 chrUn38.4047A | G | 0.136 | 4008 |
| 17 chrUn38.7428C | A | 0.3529 | 3996 |
| 17 chrUn38.9949A | G | 0.1161 | 3774 |
| 17 chrUn38.1460C | A | 0.01148 | 4008 |
| 17 chrUn38.1580G | A | 0.3112 | 4004 |
| 17 chrUn38.2288A | G | 0.4487 | 3998 |
| 17 chrF1.611672G | A | 0.03092 | 3978 |
| 17 chrF1.611610A | G | 0.4724 | 3870 |
| 17 chrF1.611422A | G | 0.234 | 3970 |
| 17 chrF1.611078A | G | 0.4829 | 3968 |
| 17 chrF1.610400A | G | 0.3702 | 3992 |
| 17 chrF1.609930C | A | 0.18 | 3944 |
| 17 chrF1.609503G | A | 0.3908 | 4000 |
| 17 chrF1.608883C | A | 0.101 | 3952 |
| 17 chrF1.607801G | A | 0.3972 | 4006 |
| 17 chrF1.607529A | G | 0.3694 | 3936 |
| 17 chrF1.607205G | A | 0.3572 | 3998 |
| 17 chrF1.606716C | A | 0.09526 | 3968 |
| 17 chrF1.606397A | G | 0.1607 | 3952 |
| 17 chrF1.606070C | A | 0.3159 | 3950 |
| 17 chrF1.605401A | G | 0.4359 | 3976 |
| 17 chrF1.605121A | G | 0.2835 | 4000 |

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| 17 chrF1.604811G | A | 0.3072 | 4004 |
| 17 chrF1.603693A | G | 0.3654 | 4004 |
| 17 chrF1.603153G | A | 0.4245 | 4000 |
| 17 chrF1.602807A | G | 0.4134 | 3974 |
| 17 chrF1.602318A | G | 0.1472 | 3872 |
| 17 chrF1.602052C | A | 0.1484 | 4002 |
| 17 chrF1.601652A | C | 0.284 | 3996 |
| 17 chrF1.600964A | G | 0.06444 | 3988 |
| 17 chrF1.600468G | A | 0.415 | 3986 |
| 17 chrF1.599941G | A | 0.08008 | 3996 |
| 17 chrF1.599424A | C | 0.1719 | 3996 |
| 17 chrF1.598831A | G | 0.2494 | 4002 |
| 17 chrF1.598224G | A | 0.1802 | 3824 |
| 17 chrF1.597884A | G | 0.1021 | 3996 |
| 17 chrF1.597568A | G | 0.1773 | 4000 |
| 17 chrF1.597233A | C | 0.04541 | 4008 |
| 17 chrF1.596638A | G | 0.005741 | 4006 |
| 17 chrF1.596297A | G | 0.1675 | 3976 |
| 17 chrF1.595953C | A | 0.2475 | 3984 |
| 17 chrF1.595724G | A | 0.4354 | 3992 |
| 17 chrF1.595688A | G | 0.1014 | 4002 |
| 17 chrF1.595215A | C | 0.1832 | 3996 |
| 17 chrF1.594362A | G | 0.404 | 4000 |
| 17 chrF1.594091A | C | 0.1742 | 3696 |
| 17 chrF1.593374A | G | 0.2945 | 4000 |
| 17 chrF1.592944A | G | 0.09146 | 3958 |
| 17 chrF1.592528A | G | 0.3708 | 3886 |
| 17 chrF1.592014A | G | 0.2172 | 4006 |
| 17 chrF1.591748A | G | 0.4725 | 3968 |
| 17 chrF1.590943A | G | 0.1229 | 3988 |
| 17 chrF1.590537A | G | 0.2705 | 4004 |
| 17 chrF1.589948G | A | 0.1635 | 4006 |
| 17 chrF1.589503A | G | 0.3505 | 4000 |
| 17 chrF1.588772G | A | 0.2324 | 4002 |
| 17 chrF1.588410G | A | 0.3275 | 4006 |
| 17 chrF1.587434A | G | 0.3176 | 3760 |
| 17 chrF1.587164A | G | 0.447 | 3998 |
| 17 chrF1.586622A | G | 0.2127 | 3996 |
| 17 chrF1.586068A | G | 0.2129 | 4002 |
| 17 chrF1.585580A | G | 0.4203 | 3988 |
| 17 chrF1.585323A | G | 0.1118 | 3998 |

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|----------------|---|-----|----------|------|
| 17 chrUn.58339 | G | A | 0.2077 | 4010 |
| 17 chrF1.58460 | C | A | 0.3755 | 4000 |
| 17 chrF1.58410 | C | A | 0.01283 | 3974 |
| 17 chrF1.58290 | C | A | 0.2168 | 4004 |
| 17 chrF1.58248 | A | G | 0.3737 | 3904 |
| 17 chrF1.58189 | C | C | 0.313 | 4000 |
| 17 chrF1.58115 | A | G | 0.007236 | 4008 |
| 17 chrF1.58059 | G | A | 0.3294 | 4004 |
| 17 chrF1.58058 | A | G | 0.09955 | 4008 |
| 17 chrE3.57038 | A | G | 0.484 | 3994 |
| 17 chrUn38.645 | C | A | 0.1694 | 3860 |
| 17 chrUn38.516 | A | G | 0.3032 | 3974 |
| 17 chrUn38.560 | C | A | 0.2276 | 3994 |
| 17 chrUn.26699 | C | A | 0.1733 | 3942 |
| 17 chrUn38.697 | A | G | 0.1433 | 3970 |
| 17 chrB3.49523 | C | A | 0.3277 | 3982 |
| 17 chrUn38.836 | C | A | 0.1316 | 3958 |
| 17 chrUn38.865 | A | G | 0.04121 | 4004 |
| 17 chrUn38.883 | A | C | 0.04791 | 3778 |
| 17 chrUn38.921 | A | G | 0.448 | 3998 |
| 17 chrUn38.929 | C | A | 0.1346 | 3996 |
| 17 chrUn38.997 | A | 0 G | 0 | 4006 |
| 17 chrUn38.103 | A | G | 0.3035 | 4000 |
| 17 chrUn38.113 | A | G | 0.01051 | 3996 |
| 17 chrUn.47776 | A | G | 0.3317 | 3992 |
| 17 chrUn38.120 | A | G | 0.07125 | 4000 |
| 17 chrUn38.124 | A | G | 0.06291 | 4006 |
| 17 chrUn38.127 | A | A | 0.05405 | 3978 |
| 17 chrUn38.132 | A | C | 0.1188 | 3998 |
| 17 chrUn38.137 | A | G | 0.06657 | 3996 |
| 17 chrUn38.141 | C | A | 0.284 | 4004 |
| 17 chrUn38.144 | A | G | 0.06718 | 4004 |
| 17 chrUn38.149 | C | A | 0.00761 | 3942 |
| 17 chrUn38.153 | C | A | 0.007046 | 3832 |
| 17 chrUn38.160 | A | G | 0.27 | 3844 |
| 17 chrUn38.164 | A | G | 0.07732 | 3906 |
| 17 chrUn38.169 | A | G | 0.2948 | 3948 |
| 17 chrUn38.177 | A | C | 0.1208 | 3956 |
| 17 chrUn38.180 | C | A | 0.4922 | 3988 |
| 17 chrUn38.183 | C | A | 0.4571 | 3774 |
| 17 chrUn.55585 | A | G | 0.2877 | 3990 |

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|----------------|---|---|---------|------|
| 17 chrUn38.189 | G | A | 0.278 | 4004 |
| 17 chrUn38.192 | G | A | 0.2408 | 3950 |
| 17 chrUn38.194 | G | A | 0.2931 | 3944 |
| 17 chrUn38.198 | A | G | 0.2405 | 3996 |
| 17 chrUn38.201 | A | G | 0.1374 | 3996 |
| 17 chrUn38.206 | G | A | 0.2406 | 3986 |
| 17 chrUn38.209 | G | A | 0.1962 | 3980 |
| 17 chrUn38.213 | A | G | 0.4658 | 4002 |
| 17 chrUn38.219 | A | G | 0.1238 | 4006 |
| 17 chrUn38.223 | C | A | 0.1363 | 3924 |
| 17 chrUn.66969 | G | A | 0.1108 | 3808 |
| 17 chrUn38.228 | G | A | 0.1456 | 4004 |
| 17 chrUn38.233 | G | A | 0.1997 | 3946 |
| 17 chrUn38.236 | A | G | 0.1627 | 3928 |
| 17 chrUn38.238 | G | A | 0.2099 | 4002 |
| 17 chrUn38.238 | G | A | 0.3298 | 4008 |
| 17 chrUn38.242 | G | A | 0.2487 | 3908 |
| 17 chrUn38.247 | G | A | 0.1715 | 3994 |
| 17 chrUn38.251 | C | A | 0.01124 | 3826 |
| 17 chrUn.38829 | A | G | 0.3741 | 3986 |
| 17 chrUn38.254 | C | A | 0.2847 | 3800 |
| 17 chrUn38.261 | G | A | 0.4052 | 4000 |
| 17 chrUn38.265 | G | A | 0.2055 | 4004 |
| 17 chrUn38.271 | A | C | 0.476 | 4004 |
| 17 chrUn38.275 | G | A | 0.09116 | 4004 |
| 17 chrUn38.278 | A | G | 0.1265 | 4000 |
| 17 chrUn38.284 | A | G | 0.3964 | 3986 |
| 17 chrUn38.288 | G | A | 0.1906 | 3992 |
| 17 chrUn38.294 | G | A | 0.3269 | 4004 |
| 17 chrUn38.301 | A | G | 0.09345 | 3788 |
| 17 chrUn38.306 | G | A | 0.3361 | 4008 |
| 17 chrUn38.309 | A | C | 0.3057 | 3938 |
| 17 chrUn38.311 | G | A | 0.3424 | 3998 |
| 17 chrUn38.319 | A | G | 0.076 | 3816 |
| 17 chrUn38.324 | A | G | 0.2054 | 3938 |
| 17 chrUn38.326 | A | C | 0.1842 | 3616 |
| 17 chrUn38.336 | G | A | 0.01576 | 3998 |
| 17 chrUn38.341 | A | G | 0.2892 | 3908 |
| 17 chrUn38.345 | A | G | 0.2845 | 3902 |
| 17 chrUn.57204 | A | G | 0.2572 | 3830 |
| 17 chrUn38.348 | A | G | 0.01338 | 3962 |

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|-----------------|---|-----|----------|------|
| 17 chrUn38.352 | G | A | 0.2573 | 3992 |
| 17 chrUn38.356 | C | A | 0.4535 | 3766 |
| 17 chrUn38.359 | A | G | 0.3877 | 3980 |
| 17 chrUn38.363 | G | A | 0.1668 | 3908 |
| 17 chrUn.36302 | A | G | 0.1337 | 4002 |
| 17 chrUn38.366 | A | G | 0.1854 | 4008 |
| 17 chrUn38.369 | C | A | 0.3295 | 3988 |
| 17 chrUn38.373 | A | G | 0.3437 | 4004 |
| 17 chrUn38.377 | A | G | 0.0825 | 4000 |
| 17 chrUn38.382 | G | A | 0.3126 | 3970 |
| 17 chrUn38.389 | A | G | 0.3123 | 3910 |
| 17 chrUn38.393 | A | G | 0.308 | 3990 |
| 17 chrUn38.396 | A | G | 0.229 | 3778 |
| 17 chrUn38.401 | G | A | 0.387 | 4000 |
| 17 chrUn38.406 | G | A | 0.3313 | 3990 |
| 17 chrUn38.412 | | 0 G | 0 | 4010 |
| 17 chrUn38.414 | G | A | 0.1117 | 3992 |
| 17 chrUn38.417 | G | A | 0.07387 | 3858 |
| 17 chrUn38.421 | G | A | 0.4213 | 3992 |
| 17 chrUn38.425 | G | A | 0.4015 | 3980 |
| 17 chrUn38.434 | A | C | 0.09517 | 3604 |
| 17 chrUn38.450 | A | G | 0.06939 | 3992 |
| 17 chrUn38.451 | G | A | 0.001004 | 3984 |
| 17 chrUn38.457 | G | A | 0.4797 | 3984 |
| 17 chrUn38.463 | A | G | 0.08404 | 3986 |
| 17 chrUn38.470 | G | A | 0.1229 | 3996 |
| 17 chrUn38.482 | A | C | 0.1278 | 3882 |
| 17 chrF1.709389 | C | A | 0.1038 | 4008 |
| 17 chrF1.710346 | A | G | 0.193 | 4006 |
| 17 chrF1.710673 | G | A | 0.03218 | 3946 |
| 17 chrF1.710963 | G | A | 0.1226 | 3932 |
| 17 chrF1.711201 | C | A | 0.3369 | 3986 |
| 17 chrF1.711256 | G | A | 0.4243 | 3974 |
| 17 chrF1.711994 | G | A | 0.4866 | 3970 |
| 17 chrF1.712324 | G | A | 0.2446 | 4006 |
| 17 chrF1.712572 | A | G | 0.1458 | 4000 |
| 17 chrF1.712807 | G | A | 0.1604 | 3964 |
| 17 chrX.6016572 | A | G | 0.02586 | 3944 |
| 17 chrF1.713290 | A | G | 0.4415 | 3998 |
| 17 chrF1.713567 | A | C | 0.2361 | 3986 |
| 17 chrF1.714210 | A | G | 0.4592 | 3848 |

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| 17 chrF1.714685A | G | 0.3872 | 4006 |
| 17 chrF1.715034A | G | 0.1032 | 3916 |
| 17 chrF1.715354A | G | 0.27 | 3900 |
| 17 chrF1.715665G | A | 0.1965 | 3990 |
| 17 chrF1.716230G | A | 0.3262 | 4004 |
| 17 chrF1.716647A | C | 0.1027 | 3994 |
| 17 chrF1.717142G | A | 0.1866 | 3922 |
| 17 chrF1.717588A | C | 0.01357 | 3980 |
| 17 chrF1.717925G | A | 0.1197 | 3984 |
| 17 chrF1.719110C | A | 0.06547 | 4002 |
| 17 chrF1.719374G | A | 0.2002 | 3982 |
| 17 chrUn.764289A | G | 0.06728 | 3998 |
| 17 chrF1.719664A | G | 0.09661 | 4006 |
| 17 chrF1.720319A | C | 0.0103 | 3786 |
| 17 chrF1.720671G | A | 0.1064 | 3948 |
| 17 chrF1.721060A | G | 0.1528 | 3926 |
| 17 chrF1.721766G | A | 0.1069 | 3946 |
| 17 chrF1.722102A | G | 0.08354 | 3974 |
| 17 chrF1.722446A | C | 0.07467 | 3964 |
| 17 chrF1.722973A | G | 0.4672 | 3990 |
| 17 chrF1.723909A | G | 0.0784 | 3954 |
| 17 chrF1.724225A | G | 0.4444 | 3996 |
| 17 chrF1.724625A | C | 0.09391 | 4004 |
| 17 chrF1.725115G | A | 0.009481 | 4008 |
| 17 chrF1.725459A | G | 0.09956 | 3646 |
| 17 chrF1.725826A | G | 0.4803 | 4004 |
| 17 chrF1.726273A | G | 0.08966 | 4004 |
| 17 chrF1.726540G | A | 0.1278 | 3998 |
| 17 chrF1.726962A | G | 0.1685 | 3940 |
| 17 chrF1.727243A | G | 0.1238 | 3900 |
| 17 chrF1.727667G | A | 0.1425 | 4006 |
| 17 chrF1.727908C | A | 0.02445 | 4008 |
| 17 chrUn38.4858A | G | 0.1032 | 3974 |
| 17 chrUn38.4957C | A | 0.3369 | 3868 |
| 17 chrUn38.4986C | A | 0.4274 | 3994 |
| 17 chrUn38.5046G | A | 0.2577 | 3986 |
| 17 chrUn38.5149G | A | 0.191 | 3926 |
| 17 chrUn38.5199A | G | 0.1222 | 4002 |
| 17 chrUn.563134A | G | 0.3461 | 3984 |
| 17 chrUn38.5259A | G | 0.1729 | 3950 |
| 17 chrUn38.5377G | A | 0.2056 | 3998 |

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| 17 chrUn38.554 | C | A | 0.3969 | 3956 |
| 17 chrUn38.558 | G | A | 0.1785 | 4000 |
| 17 chrUn38.560 | G | A | 0.2171 | 4002 |
| 17 chrUn38.574 | A | G | 0.06886 | 4008 |
| 17 chrUn38.582 | G | A | 0.2074 | 3968 |
| 17 chrUn38.589 | C | A | 0.2738 | 3966 |
| 17 chrUn38.596 | A | C | 0.01064 | 3852 |
| 17 chrUn38.607 | G | A | 0.1781 | 4010 |
| 17 chrUn38.611 | G | A | 0.4063 | 4004 |
| 17 chrUn38.619 | A | G | 0.4157 | 3972 |
| 17 chrUn38.622 | A | G | 0.1507 | 4002 |
| 17 chrUn38.645 | A | G | 0.1717 | 4008 |
| 17 chrUn38.651 | A | G | 0.1693 | 4004 |
| 17 chrUn17.427 | A | G | 0.2215 | 3978 |
| 17 chrUn38.657 | A | G | 0.1547 | 3756 |
| 17 chrUn38.659 | A | G | 0.2541 | 3990 |
| 17 chrUn38.666 | A | G | 0.325 | 3978 |
| 17 chrUn38.671 | C | A | 0.1481 | 3996 |
| 17 chrF2.652493 | G | A | 0.414 | 4000 |
| 17 chrUn.16749 | C | A | 0.02374 | 4002 |
| 17 chrUn38.678 | A | C | 0.1294 | 3826 |
| 17 chrUn38.686 | A | G | 0.135 | 4000 |
| 17 chrUn38.689 | G | A | 0.464 | 3972 |
| 17 chrUn38.692 | G | A | 0.0285 | 4000 |
| 17 chrUn38.695 | G | A | 0.1693 | 4004 |
| 17 chrUn38.701 | C | A | 0.1827 | 4000 |
| 17 chrUn38.707 | C | A | 0.4423 | 3884 |
| 17 chrUn38.712 | G | A | 0.1815 | 4006 |
| 17 chrUn38.712 | A | G | 0.1225 | 3902 |
| 17 chrUn38.714 | A | G | 0.4037 | 4008 |
| 17 chrUn38.720 | A | C | 0.172 | 3982 |
| 17 chrUn38.729 | A | C | 0.1619 | 3940 |
| 17 chrUn38.735 | A | C | 0.05313 | 3990 |
| 17 chrUn38.743 | A | G | 0.2949 | 3998 |
| 17 chrUn38.749 | G | A | 0.06656 | 3696 |
| 17 chrUn38.752 | A | G | 0.2214 | 3992 |
| 17 chrUn38.756 | G | A | 0.05894 | 4004 |
| 17 chrUn38.762 | A | G | 0.07357 | 3996 |
| 17 chrUn38.766 | A | G | 0.2405 | 4004 |
| 17 chrUn38.769 | G | A | 0.3769 | 3998 |
| 17 chrUn38.775 | A | G | 0.2277 | 3992 |

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| 17 chrUn38.7809A | G | 0.06545 | 3988 |
| 17 chrUn38.7831G | A | 0.1807 | 4002 |
| 17 chrF1.788172A | G | 0.08843 | 3924 |
| 17 chrF1.787673G | A | 0.2801 | 3988 |
| 17 chrUn.463081G | A | 0.2615 | 3992 |
| 17 chrF1.787195A | G | 0.3336 | 4002 |
| 17 chrF1.786893A | G | 0.1574 | 3996 |
| 17 chrF1.786137A | G | 0.01571 | 4010 |
| 17 chrF1.785887G | A | 0.3053 | 3976 |
| 17 chrF1.785613A | G | 0.1108 | 4000 |
| 17 chrF1.785217G | A | 0.1727 | 4000 |
| 17 chrF1.78444C | 0 G | 0 | 4004 |
| 17 chrF1.784426A | C | 0.1895 | 3994 |
| 17 chrF1.784074G | A | 0.2764 | 3976 |
| 17 chrF1.783717A | G | 0.2564 | 3978 |
| 17 chrF1.783349A | C | 0.2529 | 3982 |
| 17 chrF1.783053A | G | 0.3706 | 3994 |
| 17 chrF1.782688A | G | 0.1141 | 3996 |
| 17 chrF1.782315A | G | 0.4466 | 4004 |
| 17 chrF1.781892A | G | 0.2352 | 4010 |
| 17 chrF1.781612C | A | 0.04352 | 3998 |
| 17 chrF1.781108G | A | 0.2827 | 3962 |
| 17 chrF1.780729A | G | 0.07358 | 3982 |
| 17 chrF1.780309A | G | 0.3747 | 3998 |
| 17 chrF1.779785A | G | 0.2193 | 4000 |
| 17 chrF1.779502A | G | 0.03245 | 4006 |
| 17 chrF1.778991A | G | 0.2666 | 4006 |
| 17 chrF1.778555G | A | 0.05392 | 4006 |
| 17 chrF1.778166A | G | 0.3607 | 3976 |
| 17 chrF1.777730A | G | 0.1035 | 3980 |
| 17 chrF1.777012A | C | 0.1253 | 4006 |
| 17 chrF1.776359A | G | 0.4623 | 4006 |
| 17 chrF1.775872G | A | 0.4772 | 3992 |
| 17 chrF1.775456A | G | 0.03213 | 3890 |
| 17 chrF1.775146G | A | 0.2179 | 3998 |
| 17 chrF1.774901A | G | 0.0913 | 3998 |
| 17 chrF1.774648A | G | 0.4652 | 3994 |
| 17 chrUn.456681A | G | 0.05809 | 3994 |
| 17 chrF1.774311C | A | 0.4178 | 3966 |
| 17 chrF1.774071A | G | 0.4831 | 3904 |
| 17 chrF1.773718A | G | 0.2484 | 3990 |

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| 17 chrF1.773426A | G | 0.1387 | 4008 |
| 17 chrF1.773160A | G | 0.443 | 3998 |
| 17 chrF1.772733G | A | 0.1232 | 4002 |
| 17 chrF1.772400G | A | 0.03183 | 3958 |
| 17 chrF1.771248G | A | 0.497 | 3982 |
| 17 chrF1.770504A | G | 0.2798 | 3928 |
| 17 chrF1.770162A | G | 0.006559 | 3964 |
| 17 chrF1.769814A | G | 0.03763 | 3960 |
| 17 chrF1.769512A | G | 0.07596 | 4002 |
| 17 chrF1.768970A | G | 0.01377 | 3922 |
| 17 chrF1.768365A | G | 0.3201 | 3990 |
| 17 chrF1.767786A | G | 0.04863 | 3928 |
| 17 chrF1.767382C | A | 0.1685 | 3988 |
| 17 chrF1.767023A | G | 0.2298 | 3816 |
| 17 chrF1.766440A | G | 0.08575 | 3720 |
| 17 chrF1.765929A | G | 0.4943 | 4004 |
| 17 chrF1.765230A | C | 0.0919 | 3950 |
| 17 chrF1.764688G | A | 0.2659 | 4006 |
| 17 chrF1.764387A | G | 0.4165 | 3952 |
| 17 chrF1.763584A | G | 0.1668 | 3998 |
| 17 chrF1.763326G | A | 0.06456 | 3996 |
| 17 chrF1.762752G | A | 0.02951 | 3762 |
| 17 chrF1.762233A | C | 0.1119 | 3950 |
| 17 chrF1.761297G | A | 0.005817 | 3954 |
| 17 chrF1.760704A | G | 0.2345 | 4000 |
| 17 chrF1.760416A | G | 0.1 | 3990 |
| 17 chrF1.760316A | G | 0.03235 | 3648 |
| 17 chrF1.759971A | G | 0.1249 | 4004 |
| 17 chrF1.759601A | G | 0.11 | 3918 |
| 17 chrF1.759274G | A | 0.2052 | 3996 |
| 17 chrC1.238696A | G | 0.0507 | 4004 |
| 17 chrF1.758933A | C | 0.4375 | 4000 |
| 17 chrF1.758476A | G | 0.3691 | 4002 |
| 17 chrF1.757893G | A | 0.1446 | 3990 |
| 17 chrF1.757604A | G | 0.2111 | 3970 |
| 17 chrF1.757112A | G | 0.01571 | 4010 |
| 17 chrF1.756866A | G | 0.2492 | 4000 |
| 17 chrF1.756576C | A | 0.2055 | 3772 |
| 17 chrUn.43900A | G | 0.3238 | 4006 |
| 17 chrF1.756134A | G | 0.264 | 4004 |
| 17 chrF1.755895G | A | 0.2643 | 3996 |

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| 17 chrF1.755275G | A | 0.4855 | 3994 |
| 17 chrF1.754762A | G | 0.392 | 3972 |
| 17 chrF1.754440G | A | 0.2908 | 3986 |
| 17 chrF1.754092G | A | 0.3065 | 3968 |
| 17 chrF1.753685G | A | 0.1924 | 3996 |
| 17 chrF1.753141G | A | 0.256 | 3992 |
| 17 chrF1.752748A | G | 0.08004 | 3998 |
| 17 chrF1.752319G | A | 0.2983 | 3986 |
| 17 chrF1.751994A | C | 0.2445 | 3984 |
| 17 chrF1.751543A | G | 0.1268 | 4000 |
| 17 chrF1.751062A | G | 0.139 | 3958 |
| 17 chrF1.750834A | G | 0.1644 | 3954 |
| 17 chrF1.750594A | G | 0.1503 | 3926 |
| 17 chrF1.749772A | G | 0.1068 | 3952 |
| 17 chrF1.749527G | A | 0.4735 | 3966 |
| 17 chrF1.749096A | G | 0.159 | 4000 |
| 17 chrF1.748379A | G | 0.0706 | 3980 |
| 17 chrF1.748128G | A | 0.4888 | 4000 |
| 17 chrF1.747622G | A | 0.346 | 3974 |
| 17 chrF1.746633G | A | 0.3077 | 3972 |
| 17 chrUn38.787!G | A | 0.4702 | 4000 |
| 17 chrUn38.788!A | G | 0.4275 | 4000 |
| 17 chrUn38.796!A | G | 0.09459 | 3848 |
| 17 chrUn38.801!G | A | 0.3182 | 4000 |
| 17 chrUn38.804!A | G | 0.4135 | 3790 |
| 17 chrUn38.809!G | A | 0.3501 | 3982 |
| 17 chrUn38.812!G | A | 0.3305 | 4006 |
| 17 chrUn38.815!G | A | 0.1126 | 3996 |
| 17 chrUn38.820!A | G | 0.03318 | 3978 |
| 17 chrUn38.823!G | A | 0.02671 | 4006 |
| 17 chrUn38.826!G | A | 0.1663 | 3920 |
| 17 chrUn38.831!A | G | 0.1291 | 3998 |
| 17 chrUn38.834!G | A | 0.2021 | 3998 |
| 17 chrUn38.837!A | G | 0.05017 | 4006 |
| 17 chrUn38.840!G | A | 0.1322 | 4002 |
| 17 chrUn38.844!A | G | 0.04233 | 3992 |
| 17 chrUn38.848!A | G | 0.1019 | 4002 |
| 17 chrUn38.853!A | C | 0.01575 | 3874 |
| 17 chrUn38.860!G | A | 0.05913 | 4008 |
| 17 chrUn.42135!A | G | 0.4066 | 3908 |
| 17 chrUn38.865!A | G | 0.05513 | 3882 |

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| 17 chrUn38.868!A | G | 0.1907 | 3960 |
| 17 chrUn38.873!A | G | 0.2259 | 3988 |
| 17 chrUn38.877!A | C | 0.1528 | 3704 |
| 17 chrUn38.883!C | A | 0.2491 | 3994 |
| 17 chrF1.816977A | C | 0.4699 | 3616 |
| 17 chrF1.817399A | G | 0.1211 | 4006 |
| 17 chrF1.81821!C A | G | 0.2748 | 3996 |
| 17 chrF1.818738A | G | 0.06865 | 4006 |
| 17 chrF1.818978A | G | 0.3788 | 3994 |
| 17 chrF1.819083A | G | 0.1403 | 3976 |
| 17 chrF1.819304G | A | 0.3775 | 3992 |
| 17 chrF1.820662A | G | 0.1963 | 3948 |
| 17 chrF1.821044G | A | 0.3945 | 4000 |
| 17 chrF1.821751G | A | 0.2545 | 4000 |
| 17 chrF1.822213A | G | 0.16 | 4006 |
| 17 chrF1.823158A | G | 0.1247 | 3984 |
| 17 chrF1.82350!C A | G | 0.2125 | 3962 |
| 17 chrF1.823918G | A | 0.4312 | 3908 |
| 17 chrF1.824214A | G | 0.1855 | 4000 |
| 17 chrF1.824512A | G | 0.3015 | 4006 |
| 17 chrF1.825317A | G | 0.4668 | 3976 |
| 17 chrF1.82601!C A | C | 0.08921 | 4002 |
| 17 chrF1.826456G | A | 0.3466 | 4002 |
| 17 chrF1.826757C | A | 0.08558 | 4008 |
| 17 chrF1.827531C | A | 0.3601 | 4002 |
| 17 chrF1.827842C | A | 0.196 | 4000 |
| 17 chrF1.827899C | A | 0.1553 | 4004 |
| 17 chrF1.828617C | A | 0.3577 | 3796 |
| 17 chrF1.82895!C G | A | 0.3841 | 3978 |
| 17 chrF1.82927!C A | G | 0.0455 | 4000 |
| 17 chrF1.829879C | A | 0.1294 | 3994 |
| 17 chrF1.830271A | G | 0.1569 | 3978 |
| 17 chrF1.830721C | A | 0.4612 | 3786 |
| 17 chrF1.831129G | A | 0.2073 | 4008 |
| 17 chrF1.831557G | A | 0.06657 | 3966 |
| 17 chrF1.831923A | C | 0.3743 | 3994 |
| 17 chrF1.832387G | A | 0.2313 | 3930 |
| 17 chrF1.832659A | C | 0.3579 | 3900 |
| 17 chrF1.834364G | A | 0.1149 | 4002 |
| 17 chrF1.834871G | A | 0.005263 | 3990 |
| 17 chrF1.835463A | C | 0.2506 | 3962 |

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| 17 chrF1.835708A | G | 0.4018 | 3920 |
| 17 chrF1.836328A | G | 0.2722 | 4000 |
| 17 chrF1.836577A | G | 0.3036 | 3986 |
| 17 chrF1.837021A | G | 0.2424 | 3990 |
| 17 chrF1.837454A | G | 0.2097 | 4000 |
| 17 chrF1.837791A | G | 0.1745 | 3994 |
| 17 chrF1.838045A | G | 0.4523 | 4004 |
| 17 chrF1.838652A | G | 0.1479 | 3990 |
| 17 chrF1.839116A | G | 0.4532 | 3994 |
| 17 chrF1.839676A | G | 0.1677 | 4002 |
| 17 chrF1.840021G | A | 0.3193 | 4002 |
| 17 chrF1.840312G | A | 0.09205 | 3998 |
| 17 chrF1.840827A | C | 0.2135 | 3968 |
| 17 chrF1.841407G | A | 0.4495 | 4002 |
| 17 chrF1.841905A | G | 0.07118 | 4004 |
| 17 chrF1.842235G | A | 0.3611 | 3910 |
| 17 chrF1.842888G | A | 0.03557 | 3992 |
| 17 chrF1.843213A | G | 0.3994 | 3936 |
| 17 chrF1.843533A | G | 0.4975 | 3950 |
| 17 chrF1.844242A | C | 0.2622 | 3986 |
| 17 chrF1.845376A | G | 0.1772 | 3996 |
| 17 chrF1.845785A | G | 0.151 | 3980 |
| 17 chrF1.846078G | A | 0.2392 | 3992 |
| 17 chrF1.846322C | A | 0.0319 | 3918 |
| 17 chrF1.846818G | A | 0.4882 | 4000 |
| 17 chrF1.847069G | A | 0.08776 | 3988 |
| 17 chrF1.847655A | G | 0.1529 | 4002 |
| 17 chrUn.467179A | G | 0.4445 | 3998 |
| 17 chrUn.486656A | G | 0.1746 | 3998 |
| 17 chrF1.848008G | A | 0.499 | 3994 |
| 17 chrF1.848084G | A | 0.3287 | 3998 |
| 17 chrF1.848347A | C | 0.1222 | 3984 |
| 17 chrF1.848790A | G | 0.3887 | 3980 |
| 17 chrF1.849176A | G | 0.4071 | 3896 |
| 17 chrUn38.8879A | G | 0.4825 | 4006 |
| 17 chrUn38.8901A | C | 0.2806 | 3984 |
| 17 chrF1.931946G | A | 0.1766 | 3986 |
| 17 chrF1.931604C | A | 0.007496 | 4002 |
| 17 chrF1.931264A | G | 0.07525 | 3854 |
| 17 chrF1.930907G | A | 0.1546 | 4004 |
| 17 chrF1.930706G | A | 0.4137 | 3996 |

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| 17 chrF1.930671A | G | 0.02997 | 4004 |
| 17 chrF1.930245G | A | 0.1229 | 3996 |
| 17 chrF1.929970A | G | 0.2938 | 3884 |
| 17 chrF1.929704G | A | 0.2744 | 3976 |
| 17 chrF1.929261A | G | 0.008234 | 4008 |
| 17 chrF1.928953A | G | 0.2681 | 3988 |
| 17 chrF1.928636G | A | 0.4442 | 3910 |
| 17 chrF1.928261A | G | 0.1738 | 3998 |
| 17 chrF1.927881A | G | 0.1414 | 3960 |
| 17 chrF1.927162A | G | 0.2026 | 3756 |
| 17 chrF1.926508G | A | 0.4797 | 3884 |
| 17 chrF1.926063G | A | 0.1628 | 3992 |
| 17 chrF1.925721A | G | 0.2641 | 3976 |
| 17 chrF1.925417G | A | 0.05953 | 3998 |
| 17 chrF1.924841C | A | 0.4053 | 3930 |
| 17 chrF1.924565A | G | 0.0997 | 4002 |
| 17 chrF1.924201C | A | 0.1733 | 4000 |
| 17 chrF1.923523A | C | 0.05594 | 4004 |
| 17 chrF1.923026G | A | 0.2345 | 3992 |
| 17 chrF1.922393G | A | 0.2023 | 4000 |
| 17 chrF1.921533C | A | 0.04646 | 3982 |
| 17 chrF1.921242G | A | 0.262 | 4004 |
| 17 chrF1.920900A | C | 0.2133 | 3994 |
| 17 chrF1.919796C | A | 0.1312 | 4008 |
| 17 chrF1.919435G | A | 0.07959 | 4008 |
| 17 chrF1.918918A | G | 0.3072 | 4004 |
| 17 chrF1.918594G | A | 0.04281 | 3994 |
| 17 chrF1.918336G | A | 0.4506 | 3824 |
| 17 chrF1.918033C | A | 0.1955 | 3994 |
| 17 chrF1.917236A | G | 0.1383 | 3948 |
| 17 chrF1.916730G | A | 0.1483 | 3884 |
| 17 chrF1.916439G | A | 0.02569 | 4010 |
| 17 chrF1.916323G | A | 0.3894 | 4006 |
| 17 chrF1.916059A | C | 0.2396 | 3998 |
| 17 chrF1.915595G | A | 0.1996 | 3998 |
| 17 chrF1.915246G | A | 0.3977 | 3998 |
| 17 chrF1.914736C | A | 0.3299 | 3998 |
| 17 chrF1.914470C | A | 0.1873 | 3994 |
| 17 chrF1.914043G | A | 0.2532 | 3886 |
| 17 chrF1.913669G | A | 0.3118 | 4006 |
| 17 chrF1.913251A | G | 0.3175 | 3990 |

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| 17 chrF1.912508A | G | 0.2284 | 3998 |
| 17 chrF1.912120A | G | 0.2418 | 3982 |
| 17 chrF1.910844G | A | 0.1881 | 4004 |
| 17 chrF1.910231A | G | 0.4835 | 4000 |
| 17 chrF1.909989G | A | 0.2604 | 3978 |
| 17 chrF1.909604G | A | 0.3424 | 4004 |
| 17 chrUn38.894A | C | 0.4531 | 4006 |
| 17 chrUn38.897A | G | 0.4852 | 3988 |
| 17 chrUn38.899A | G | 0.01272 | 3932 |
| 17 chrUn38.905A | C | 0.2073 | 3990 |
| 17 chrUn38.908A | G | 0.3373 | 4002 |
| 17 chrUn38.915A | G | 0.2171 | 4002 |
| 17 chrUn38.919A | G | 0.1208 | 4000 |
| 17 chrUn38.921A | G | 0.1238 | 3942 |
| 17 chrUn38.931A | A | 0.2954 | 4002 |
| 17 chrUn38.933A | G | 0.1202 | 4002 |
| 17 chrUn38.935A | G | 0.1099 | 4002 |
| 17 chrUn38.939G | A | 0.1767 | 4006 |
| 17 chrUn38.941G | A | 0.4678 | 4002 |
| 17 chrUn38.945G | A | 0.1976 | 3972 |
| 17 chrUn38.951A | G | 0.0635 | 3984 |
| 17 chrUn38.954A | G | 0.08207 | 3972 |
| 17 chrUn38.956G | A | 0.1646 | 4004 |
| 17 chrUn38.959C | A | 0.4425 | 3876 |
| 17 chrUn38.963C | A | 0.1369 | 3982 |
| 17 chrUn38.967A | G | 0.1852 | 3948 |
| 17 chrUn38.976G | A | 0.2328 | 4000 |
| 17 chrUn38.980A | G | 0.2842 | 4004 |
| 17 chrUn38.982G | A | 0.08836 | 3848 |
| 17 chrUn38.988G | A | 0.1708 | 3994 |
| 17 chrUn38.995G | A | 0.3302 | 3976 |
| 17 chrUn38.100C | A | 0.08587 | 4006 |
| 17 chrUn38.100C | 0 A | 0 | 4008 |
| 17 chrUn38.100A | G | 0.1123 | 3988 |
| 17 chrUn38.101A | G | 0.0727 | 3934 |
| 17 chrUn38.101G | A | 0.2111 | 3998 |
| 17 chrUn38.101G | A | 0.118 | 3974 |
| 17 chrUn38.102A | G | 0.1548 | 4006 |
| 17 chrUn38.102A | G | 0.2397 | 4010 |
| 17 chrUn38.102A | G | 0.0943 | 3998 |
| 17 chrUn.45793G | A | 0.4153 | 3992 |

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| 17 chrUn38.103:A | G | 0.1278 | 3990 |
| 17 chrUn38.103:A | A | 0.2293 | 4008 |
| 17 chrUn38.104:A | C | 0.4095 | 3988 |
| 17 chrUn38.104:C | A | 0.2196 | 3998 |
| 17 chrUn38.105:A | A | 0.3759 | 3998 |
| 17 chrUn38.105:A | G | 0.09634 | 3986 |
| 17 chrUn38.106:A | G | 0.09719 | 3632 |
| 17 chrUn38.106:A | C | 0.1026 | 4006 |
| 17 chrUn38.106:A | A | 0.2887 | 4004 |
| 17 chrUn38.106:A | G | 0.1081 | 4006 |
| 17 chrUn38.107:A | C | 0.004256 | 3994 |
| 17 chrUn38.107:A | G | 0.4365 | 3998 |
| 17 chrC2.896557G | A | 0.4705 | 3998 |
| 17 chrUn38.108:A | G | 0.273 | 4008 |
| 17 chrUn38.108:A | G | 0.2129 | 3978 |
| 17 chrUn38.109:A | G | 0.2409 | 4002 |
| 17 chrUn38.109:A | A | 0.1603 | 3886 |
| 17 chrB1.190536G | A | 0.1724 | 4002 |
| 17 chrUn38.110:A | A | 0.01787 | 3974 |
| 17 chrUn38.111:A | G | 0.005564 | 3954 |
| 17 chrUn38.111:A | G | 0.3941 | 3956 |
| 17 chrUn38.111:A | G | 0.3492 | 3986 |
| 17 chrUn38.112:A | G | 0.1709 | 3984 |
| 17 chrUn38.112:A | G | 0.04465 | 3964 |
| 17 chrUn38.113:A | G | 0.4516 | 3948 |
| 17 chrUn38.114:A | A | 0.2007 | 3996 |
| 17 chrUn38.114:A | C | 0.3759 | 3996 |
| 17 chrUn38.115:A | A | 0.1374 | 3960 |
| 17 chrUn38.115:A | A | 0.08575 | 4000 |
| 17 chrUn38.115:A | G | 0.1241 | 3966 |
| 17 chrUn38.116:A | A | 0.1247 | 4002 |
| 17 chrUn38.116:A | A | 0.474 | 3998 |
| 17 chrUn38.116:A | G | 0.2389 | 3956 |
| 17 chrUn38.116:A | G | 0.2625 | 4000 |
| 17 chrUn38.117:A | G | 0.3851 | 3996 |
| 17 chrUn38.117:A | G | 0.01821 | 4008 |
| 17 chrUn38.118:A | G | 0.1492 | 3982 |
| 17 chrUn38.118:A | A | 0.1569 | 3996 |
| 17 chrUn7.6288(A | G | 0.2998 | 3982 |
| 17 chrUn7.7005:A | A | 0.3607 | 3976 |
| 17 chrUn7.7598:A | A | 0.2712 | 3868 |

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| 17 chrUn7.7995:A | G | 0.1506 | 4010 |
| 17 chrUn7.9224:A | G | 0.3101 | 3996 |
| 17 chrUn7.1155:G | A | 0.2712 | 3746 |
| 17 chrUn7.1234:A | G | 0.3762 | 3990 |
| 17 chrUn7.1425:G | A | 0.3055 | 4000 |
| 17 chrUn7.1457:G | A | 0.1648 | 3998 |
| 17 chrUn38.123:A | G | 0.1133 | 3998 |
| 17 chrUn7.1500:A | C | 0.4079 | 3976 |
| 17 chrF1.842652A | G | 0.05879 | 3980 |
| 17 chrUn7.1568:A | G | 0.47 | 4000 |
| 17 chrUn38.122:A | G | 0.3903 | 3956 |
| 17 chrUn7.1755:C | A | 0.2897 | 3818 |
| 17 chrUn7.1998:A | C | 0.46 | 3926 |
| 17 chrUn7.2037:A | C | 0.02511 | 3784 |
| 17 chrUn7.2165:G | A | 0.1577 | 3964 |
| 17 chrUn7.2206:A | G | 0.4562 | 3790 |
| 17 chrUn7.2242:A | C | 0.1075 | 4000 |
| 17 chrUn7.2268:G | A | 0.2948 | 3958 |
| 17 chrUn7.2352:A | G | 0.1768 | 3966 |
| 17 chrUn7.2400:C | A | 0.006244 | 4004 |
| 17 chrUn7.2471:A | C | 0.344 | 3986 |
| 17 chrUn7.2511:A | G | 0.07093 | 4004 |
| 17 chrUn7.2544:C | A | 0.1864 | 3948 |
| 17 chrUn7.2571:A | G | 0.3509 | 3876 |
| 17 chrUn7.2659:A | G | 0.1958 | 3948 |
| 17 chrUn7.2708:G | A | 0.4183 | 4004 |
| 17 chrUn7.2753:A | G | 0.09473 | 3948 |
| 17 chrUn7.2819:G | A | 0.3091 | 3996 |
| 17 chrUn7.2829:C | A | 0.1878 | 3984 |
| 17 chrUn7.2863:A | G | 0.1646 | 4010 |
| 17 chrUn7.2895:A | G | 0.04855 | 3996 |
| 17 chrUn7.2928:C | A | 0.208 | 3894 |
| 17 chrUn7.2997:A | G | 0.001747 | 4008 |
| 17 chrF1.875431A | G | 0.07182 | 4010 |
| 17 chrF1.875519A | G | 0.215 | 3990 |
| 17 chrF1.876099A | G | 0.2461 | 4002 |
| 17 chrF1.876681A | G | 0.07411 | 3670 |
| 17 chrF1.876920G | A | 0.2593 | 3984 |
| 17 chrF1.877172G | A | 0.234 | 4000 |
| 17 chrF1.877815A | G | 0.07966 | 3628 |
| 17 chrUn.49540(G | A | 0.489 | 3824 |

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| 17 chrF1.878593C | A | 0.05569 | 4004 |
| 17 chrF1.87885C G | A | 0.066 | 4000 |
| 17 chrF1.879428G | A | 0.07852 | 3986 |
| 17 chrF1.879748A | G | 0.003242 | 4010 |
| 17 chrF1.879999A | C | 0.001995 | 4010 |
| 17 chrF1.88050C A | G | 0.447 | 3998 |
| 17 chrUn.25488C G | A | 0.09814 | 3974 |
| 17 chrF1.881562A | G | 0.06369 | 4004 |
| 17 chrF1.881984A | G | 0.04104 | 3996 |
| 17 chrF1.882343A | G | 0.3295 | 4000 |
| 17 chrF1.882641G | A | 0.03743 | 4008 |
| 17 chrF1.883047A | G | 0.1598 | 4004 |
| 17 chrF1.88348C A | G | 0.02721 | 3786 |
| 17 PKLR_PKdef.1A | G | 0.03682 | 3748 |
| 17 chrF1.88378C A | G | 0.001497 | 4008 |
| 17 chrF1.883963A | G | 0.09531 | 4008 |
| 17 chrF1.884379G | A | 0.04594 | 3940 |
| 17 chrF1.884862C | A | 0.09533 | 3986 |
| 17 chrF1.885247C | A | 0.3234 | 3976 |
| 17 chrF1.885509G | A | 0.3408 | 3988 |
| 17 chrF1.885581 | 0 G | 0 | 3958 |
| 17 chrF1.886318C | A | 0.4656 | 3812 |
| 17 chrF1.886595G | A | 0.2231 | 3944 |
| 17 chrF1.887381A | G | 0.06294 | 3956 |
| 17 chrF1.887708G | A | 0.4206 | 3854 |
| 17 chrF1.889801A | G | 0.09875 | 4000 |
| 17 chrF1.891871A | G | 0.037 | 3676 |
| 17 chrF1.89233C A | G | 0.3748 | 3978 |
| 17 chrF1.892652A | G | 0.02509 | 3986 |
| 17 chrF1.892889A | G | 0.1553 | 3966 |
| 17 chrF1.895179A | G | 0.1319 | 3996 |
| 17 chrF1.895449A | C | 0.4988 | 4006 |
| 17 chrF1.898364A | G | 0.1948 | 3994 |
| 17 chrF1.898785 | 0 A | 0 | 4004 |
| 17 chrUn7.3055C G | A | 0.2125 | 3996 |
| 17 chrUn7.3804C G | A | 0.3539 | 3998 |
| 17 chrUn7.3846C A | C | 0.3017 | 4000 |
| 18 chrUn.51361C | 0 C | 0 | 3932 |
| 18 chrUn26.623C C | A | 0.1863 | 3908 |
| 18 chrUn35.441C G | A | 0.142 | 3830 |
| 18 chrUn35.393C A | G | 0.249 | 3968 |

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| 18 chrUn35.335 | A | G | 0.2724 | 3976 |
| 18 chrUn35.305 | A | G | 0.2764 | 3944 |
| 18 chrB4.81577 | C | G | 0.3916 | 4004 |
| 18 chrUn35.265 | G | A | 0.2374 | 4006 |
| 18 chrUn35.239 | A | G | 0.2657 | 4004 |
| 18 chrUn35.198 | A | G | 0.2909 | 4008 |
| 18 chrUn35.125 | G | A | 0.06668 | 4004 |
| 18 chrUn35.795 | A | G | 0.4256 | 3966 |
| 18 chrUn35.764 | G | A | 0.4275 | 3918 |
| 18 chrUn35.126 | A | G | 0.163 | 3962 |
| 18 chrUn.33650 | A | G | 0.4902 | 3988 |
| 18 chrUn29.442 | C | A | 0.006 | 4000 |
| 18 chrUn29.781 | A | G | 0.39 | 3962 |
| 18 chrD1.29660 | A | G | 0.06911 | 4008 |
| 18 chrUn29.114 | C | A | 0.2632 | 3966 |
| 18 chrD1.29711 | G | A | 0.1254 | 4004 |
| 18 chrD1.30091 | A | G | 0.4407 | 3994 |
| 18 chrD1.30294 | A | G | 0.2565 | 3980 |
| 18 chrUn29.165 | G | A | 0.4044 | 3996 |
| 18 chrF2.418 | G | A | 0.1617 | 3990 |
| 18 chrF2.42662 | A | G | 0.1499 | 4004 |
| 18 chrF2.151482 | A | G | 0.3107 | 4004 |
| 18 chrF2.243438 | A | G | 0.2128 | 4008 |
| 18 chrF2.320884 | A | G | 0.02544 | 4010 |
| 18 chrF2.374652 | A | G | 0.214 | 3972 |
| 18 chrF2.454517 | C | A | 0.01348 | 4006 |
| 18 chrF2.568910 | A | G | 0.2982 | 3990 |
| 18 chrF2.688550 | A | G | 0.3369 | 3998 |
| 18 chrF2.773855 | A | G | 0.2987 | 3994 |
| 18 chrF2.866949 | A | G | 0.3554 | 4004 |
| 18 chrUn.40201 | G | A | 0.3366 | 3990 |
| 18 chrF2.878110 | A | G | 0.2449 | 3994 |
| 18 chrF2.917798 | G | A | 0.1465 | 3992 |
| 18 chrUn.14464 | A | G | 0.3463 | 3996 |
| 18 chrF2.103617 | C | A | 0.1837 | 4006 |
| 18 chrF2.108533 | A | G | 0.3208 | 3990 |
| 18 chrF2.110980 | G | A | 0.3157 | 3998 |
| 18 chrF2.116456 | A | G | 0.07215 | 3964 |
| 18 chrF2.120208 | C | A | 0.2606 | 4006 |
| 18 chrF2.126014 | A | G | 0.09689 | 3984 |
| 18 chrF2.131705 | A | G | 0.2371 | 4006 |

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| 18 chrF2.134119A | G | 0.4434 | 3834 |
| 18 chrF2.143889A | G | 0.2993 | 4006 |
| 18 chrF2.146267A | G | 0.214 | 4000 |
| 18 chrF2.152713A | G | 0.1133 | 4008 |
| 18 chrF2.178349G | A | 0.3459 | 3998 |
| 18 chrF2.183834G | A | 0.48 | 4004 |
| 18 chrF2.193239G | A | 0.451 | 4004 |
| 18 chrF2.200497G | A | 0.3919 | 3986 |
| 18 chrF2.209577C | A | 0.3124 | 3844 |
| 18 chrF2.215678G | A | 0.008254 | 3998 |
| 18 chrF2.222246G | A | 0.1824 | 3996 |
| 18 chrF2.227394C | A | 0.3903 | 3982 |
| 18 chrF2.230213C | A | 0.1325 | 3946 |
| 18 chrF2.236558G | A | 0.4608 | 3980 |
| 18 chrF2.239608A | C | 0.4296 | 4006 |
| 18 chrF2.243970A | G | 0.2455 | 3976 |
| 18 chrF2.247834A | G | 0.1177 | 3992 |
| 18 chrF2.250778A | C | 0.1475 | 3994 |
| 18 chrF2.254430C | A | 0.3919 | 4004 |
| 18 chrF2.259491G | A | 0.152 | 3980 |
| 18 chrF2.263003C | A | 0.119 | 3898 |
| 18 chrF2.266515A | G | 0.2116 | 3988 |
| 18 chrF2.269439A | G | 0.2291 | 3994 |
| 18 chrF2.274753C | A | 0.002016 | 3968 |
| 18 chrF2.285493A | C | 0.3607 | 3892 |
| 18 chrF2.293104A | C | 0.239 | 3992 |
| 18 chrF2.299691G | A | 0.4877 | 3992 |
| 18 chrUn.165691G | A | 0.2095 | 3996 |
| 18 chrF2.305144G | A | 0.06365 | 4006 |
| 18 chrF2.311985A | G | 0.1011 | 3916 |
| 18 chrF2.333849G | A | 0.2505 | 3992 |
| 18 chrF2.336747G | A | 0.3506 | 3970 |
| 18 chrF2.339908A | G | 0.2484 | 4002 |
| 18 chrF2.345197A | G | 0.3987 | 3898 |
| 18 chrF2.345276G | A | 0.4631 | 3988 |
| 18 chrF2.348572A | G | 0.4049 | 3974 |
| 18 chrF2.351227C | A | 0.3709 | 3996 |
| 18 chrF2.353772A | G | 0.08589 | 3982 |
| 18 chrF2.359445A | G | 0.1309 | 3956 |
| 18 chrF2.365730A | G | 0.2086 | 3994 |
| 18 chrF2.369473G | A | 0.2709 | 4002 |

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| 18 chrF2.374678A | C | 0.2696 | 3988 |
| 18 chrF2.378957A | G | 0.323 | 3984 |
| 18 chrF2.382280G | A | 0.4979 | 3830 |
| 18 chrF2.384651G | A | 0.03144 | 4008 |
| 18 chrF2.390627A | G | 0.1775 | 3984 |
| 18 chrF2.396753A | G | 0.2007 | 4006 |
| 18 chrF2.402781A | G | 0.189 | 3974 |
| 18 chrF2.417163A | C | 0.167 | 4000 |
| 18 chrF2.425102G | A | 0.1876 | 3998 |
| 18 chrF2.434846A | G | 0.3579 | 3976 |
| 18 chrF2.443041A | G | 0.231 | 4000 |
| 18 chrF2.449860A | C | 0.3023 | 4006 |
| 18 chrF2.457191A | G | 0.2548 | 3976 |
| 18 chrF2.460616A | C | 0.1275 | 3954 |
| 18 chrF2.463969G | A | 0.2996 | 4002 |
| 18 chrF2.466246A | G | 0.2223 | 4004 |
| 18 chrF2.470455A | G | 0.3604 | 3960 |
| 18 chrF2.473428A | G | 0.4877 | 3996 |
| 18 chrF2.478330G | A | 0.4972 | 3986 |
| 18 chrF2.485220G | A | 0.001753 | 3994 |
| 18 chrF2.490912A | C | 0.4847 | 3986 |
| 18 chrF2.499609G | A | 0.4688 | 3980 |
| 18 chrF2.503637A | C | 0.489 | 3990 |
| 18 chrF2.510651G | A | 0.05287 | 4010 |
| 18 chrF2.515529G | A | 0.3776 | 4010 |
| 18 chrF2.524591A | C | 0.1335 | 4008 |
| 18 chrF2.528654A | G | 0.4173 | 3920 |
| 18 chrF2.540708G | A | 0.08333 | 4008 |
| 18 chrF2.549171G | A | 0.1352 | 4002 |
| 18 chrF2.557620G | A | 0.4663 | 4004 |
| 18 chrF2.576153C | A | 0.1918 | 3978 |
| 18 chrB4.128072A | G | 0.1809 | 3948 |
| 18 chrF2.581779G | A | 0.2005 | 3806 |
| 18 chrF2.585882G | A | 0.3233 | 4002 |
| 18 chrF2.588660 | 0 G | 0 | 4008 |
| 18 chrF2.589233 | 0 G | 0 | 4010 |
| 18 chrF2.596398A | G | 0.007657 | 3918 |
| 18 chrF2.601278G | A | 0.3749 | 3990 |
| 18 chrF2.604086G | A | 0.01297 | 4008 |
| 18 chrF2.611258A | G | 0.05575 | 4000 |
| 18 chrF2.616636G | A | 0.002757 | 3990 |

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| 18 chrF2.621436G | A | 0.3567 | 3930 |
| 18 chrF2.624422A | G | 0.1049 | 4004 |
| 18 chrF2.631795A | G | 0.005759 | 3994 |
| 18 chrF2.635051A | G | 0.03194 | 4008 |
| 18 chrF2.671071A | G | 0.1258 | 4006 |
| 18 chrF2.679843G | A | 0.3268 | 3996 |
| 18 chrF2.689409A | G | 0.01072 | 4010 |
| 18 chrF2.697637A | G | 0.2895 | 3996 |
| 18 chrF2.703962G | A | 0.3759 | 3996 |
| 18 chrF2.711042A | G | 0.1788 | 3998 |
| 18 chrF2.722283G | A | 0.2824 | 3998 |
| 18 chrF2.728862A | G | 0.46 | 3996 |
| 18 chrF2.731693A | C | 0.1215 | 3952 |
| 18 chrF2.736725A | C | 0.09594 | 3992 |
| 18 chrF2.743579A | G | 0.3864 | 3996 |
| 18 chrF2.746717G | A | 0.3753 | 3994 |
| 18 chrF2.750728G | A | 0.4519 | 3990 |
| 18 chrF2.753370G | A | 0.3465 | 4000 |
| 18 chrF2.756362A | G | 0.1929 | 3996 |
| 18 chrF2.759157A | G | 0.3162 | 4004 |
| 18 chrF2.760454G | A | 0.1994 | 3996 |
| 18 chrF2.762930A | G | 0.1966 | 4004 |
| 18 chrF2.766970A | G | 0.1767 | 4000 |
| 18 chrF2.770259G | A | 0.3654 | 3996 |
| 18 chrF2.775058G | A | 0.1359 | 4010 |
| 18 chrF2.778002A | C | 0.226 | 3992 |
| 18 chrF2.784883A | C | 0.006256 | 3996 |
| 18 chrF2.791020A | G | 0.1866 | 4004 |
| 18 chrF2.798599G | A | 0.3999 | 3996 |
| 18 chrF2.817597A | G | 0.3382 | 4000 |
| 18 chrF2.826435G | A | 0.3023 | 3996 |
| 18 chrF2.833172A | G | 0.2745 | 4008 |
| 18 chrF2.841294G | A | 0.3116 | 4008 |
| 18 chrF2.845031A | G | 0.4552 | 3976 |
| 18 chrF2.848633A | G | 0.3713 | 3970 |
| 18 chrF2.852924G | A | 0.09065 | 3872 |
| 18 chrF2.861541C | A | 0.1175 | 4008 |
| 18 chrF2.864244G | A | 0.4689 | 3992 |
| 18 chrF2.872246A | C | 0.2975 | 3946 |
| 18 chrF2.876378C | A | 0.4429 | 3996 |
| 18 chrF2.883016A | G | 0.2247 | 3988 |

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| 18 chrF2.885528A | G | 0.3837 | 3990 |
| 18 chrF2.888764A | G | 0.112 | 4008 |
| 18 chrF2.892143A | G | 0.04368 | 4006 |
| 18 chrF2.897718C | A | 0.4965 | 3952 |
| 18 chrF2.900595G | A | 0.04988 | 4010 |
| 18 chrF2.903842A | C | 0.479 | 4008 |
| 18 chrF2.907384G | A | 0.3031 | 4002 |
| 18 chrF2.910562G | A | 0.111 | 3990 |
| 18 chrF2.917640A | G | 0.09406 | 4008 |
| 18 chrF2.928065G | A | 0.1826 | 3998 |
| 18 chrF2.932488A | G | 0.04879 | 3976 |
| 18 chrF2.937237A | G | 0.4023 | 3992 |
| 18 chrF2.943733A | G | 0.3428 | 3970 |
| 18 chrF2.950656G | A | 0.07293 | 4004 |
| 18 chrF2.958486A | G | 0.3058 | 4006 |
| 18 chrF2.968764G | A | 0.3619 | 3974 |
| 18 chrF2.971802A | G | 0.488 | 3996 |
| 18 chrF2.974914A | G | 0.2752 | 3990 |
| 18 chrF2.978524A | G | 0.1579 | 4002 |
| 18 chrF2.985261G | A | 0.4369 | 4010 |
| 18 chrF2.993604G | A | 0.4961 | 3878 |
| 18 chrF2.996301A | G | 0.08082 | 3984 |
| 18 chrF2.998919G | A | 0.4165 | 3988 |
| 18 chrF2.100553A | G | 0.1234 | 3834 |
| 18 chrF2.100839A | G | 0.1443 | 4006 |
| 18 chrF2.102122A | G | 0.1172 | 3840 |
| 18 chrF2.102769G | A | 0.2929 | 3984 |
| 18 chrF2.103144A | G | 0.4928 | 4002 |
| 18 chrF2.104268G | A | 0.2852 | 3924 |
| 18 chrF2.104912A | G | 0.1115 | 3902 |
| 18 chrF2.105577A | G | 0.1089 | 3932 |
| 18 chrF2.106045C | A | 0.1079 | 3976 |
| 18 chrF2.106439A | G | 0.1443 | 3972 |
| 18 chrF2.107533C | A | 0.3223 | 3996 |
| 18 chrF2.108367C | A | 0.03192 | 3916 |
| 18 chrF2.108955A | C | 0.013 | 3922 |
| 18 chrF2.109416A | G | 0.1779 | 4002 |
| 18 chrF2.109705 | 0 G | 0 | 4010 |
| 18 chrF2.109889C | A | 0.1452 | 3988 |
| 18 chrF2.110376A | G | 0.1931 | 4004 |
| 18 chrF2.110795A | G | 0.02574 | 4002 |

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| 18 chrF2.111280G | A | 0.2905 | 4004 |
| 18 chrF2.111944G | A | 0.1446 | 3900 |
| 18 chrF2.112250G | A | 0.2412 | 3942 |
| 18 chrF2.112632A | G | 0.2068 | 4008 |
| 18 chrUn.72069G | A | 0.2731 | 3984 |
| 18 chrF2.112968G | A | 0.4358 | 4002 |
| 18 chrF2.113589A | G | 0.3586 | 4002 |
| 18 chrF2.113898A | G | 0.2259 | 3998 |
| 18 chrF2.114372A | G | 0.06628 | 3998 |
| 18 chrF2.115141A | G | 0.1011 | 3996 |
| 18 chrF2.115591G | A | 0.2037 | 4006 |
| 18 chrF2.116895G | A | 0.3734 | 3990 |
| 18 chrF2.117526A | G | 0.01871 | 3848 |
| 18 chrF2.118418G | A | 0.09364 | 3994 |
| 18 chrF2.119091A | G | 0.04454 | 3862 |
| 18 chrF2.119633A | G | 0.186 | 3994 |
| 18 chrF2.120153G | A | 0.4209 | 3996 |
| 18 chrF2.120844A | G | 0.1625 | 3982 |
| 18 chrF2.121101A | G | 0.108 | 4010 |
| 18 chrF2.121512G | A | 0.4987 | 3992 |
| 18 chrF2.121781G | A | 0.4106 | 3982 |
| 18 chrF2.122210A | G | 0.09368 | 3768 |
| 18 chrF2.122751A | G | 0.1262 | 4010 |
| 18 chrF2.123036G | A | 0.3253 | 4000 |
| 18 chrF2.123636G | A | 0.3678 | 3904 |
| 18 chrF2.124047G | A | 0.06722 | 4002 |
| 18 chrF2.124899A | G | 0.2674 | 3998 |
| 18 chrF2.125146A | G | 0.4043 | 3992 |
| 18 chrF2.141040G | A | 0.3658 | 3988 |
| 18 chrF2.125611G | A | 0.2718 | 3856 |
| 18 chrF2.141371A | G | 0.1227 | 4002 |
| 18 chrF2.142902C | A | 0.2213 | 3976 |
| 18 chrF2.143724A | G | 0.05197 | 4002 |
| 18 chrF2.126725A | G | 0.2336 | 4002 |
| 18 chrF2.127023G | A | 0.4862 | 3994 |
| 18 chrF2.144606A | G | 0.1613 | 4004 |
| 18 chrF2.145084A | G | 0.2797 | 4004 |
| 18 chrF2.145874A | G | 0.2382 | 3996 |
| 18 chrF2.146598G | A | 0.3821 | 3944 |
| 18 chrF2.127949A | C | 0.3957 | 3952 |
| 18 chrF2.147621G | A | 0.2218 | 4000 |

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| 18 chrF2.128854A | G | 0.07258 | 3982 |
| 18 chrF2.131128G | A | 0.09059 | 3996 |
| 18 chrF2.132218G | A | 0.06025 | 3718 |
| 18 chrF2.133236A | G | 0.1716 | 3952 |
| 18 chrF2.133959G | A | 0.1016 | 4004 |
| 18 chrF2.134949A | G | 0.118 | 3990 |
| 18 chrF2.135594 | 0 G | 0 | 4010 |
| 18 chrF2.135688A | G | 0.2875 | 3986 |
| 18 chrF2.136241A | C | 0.1118 | 4000 |
| 18 chrF2.136421G | A | 0.4062 | 3998 |
| 18 chrF2.136590G | A | 0.4985 | 3998 |
| 18 chrF2.137177A | G | 0.1943 | 4000 |
| 18 chrF2.138104A | G | 0.2175 | 3940 |
| 18 chrF2.138518A | G | 0.2145 | 4000 |
| 18 chrF2.138781A | G | 0.03976 | 3924 |
| 18 chrF2.139228A | G | 0.03244 | 4008 |
| 18 chrF2.139904A | G | 0.1517 | 4008 |
| 18 chrF2.140654C | A | 0.1487 | 4002 |
| 18 chrF2.142116G | A | 0.1167 | 3872 |
| 18 chrF2.142477A | G | 0.388 | 3992 |
| 18 chrF2.149036A | G | 0.1321 | 3824 |
| 18 chrF2.149309A | G | 0.2036 | 3994 |
| 18 chrF2.149652G | A | 0.4543 | 3766 |
| 18 chrF2.149898A | G | 0.1589 | 3990 |
| 18 chrF2.150543A | C | 0.0182 | 4010 |
| 18 chrF2.151144C | A | 0.2345 | 3966 |
| 18 chrF2.151413C | A | 0.2387 | 3954 |
| 18 chrF2.152057G | A | 0.4765 | 4004 |
| 18 chrF2.152367G | A | 0.4909 | 3946 |
| 18 chrF2.152633A | G | 0.2559 | 3732 |
| 18 chrF2.153343A | G | 0.2161 | 3988 |
| 18 chrF2.153843G | A | 0.4034 | 3994 |
| 18 chrF2.154133A | G | 0.3038 | 3996 |
| 18 chrF2.154953G | A | 0.2818 | 3804 |
| 18 chrF2.155712G | A | 0.1534 | 3756 |
| 18 chrF2.156282G | A | 0.3169 | 4004 |
| 18 chrF2.156558A | G | 0.1913 | 3972 |
| 18 chrF2.157073A | G | 0.2576 | 3994 |
| 18 chrF2.158108A | G | 0.1086 | 3998 |
| 18 chrF2.158359A | G | 0.3735 | 3968 |
| 18 chrF2.158362A | G | 0.3143 | 4002 |

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| 18 chrF2.159566G | A | 0.2459 | 4002 |
| 18 chrF2.160464G | A | 0.2034 | 4002 |
| 18 chrF2.161011A | C | 0.01747 | 4006 |
| 18 chrF2.161264A | G | 0.2005 | 4000 |
| 18 chrF2.161764G | A | 0.497 | 3992 |
| 18 chrF2.162307A | C | 0.4915 | 3998 |
| 18 chrF2.162914C | A | 0.3641 | 3996 |
| 18 chrF2.163321C | A | 0.4864 | 3974 |
| 18 chrF2.163576G | A | 0.1161 | 3962 |
| 18 chrF2.164263A | G | 0.223 | 4004 |
| 18 chrF2.165041A | G | 0.1396 | 3718 |
| 18 chrF2.165362G | A | 0.1826 | 4004 |
| 18 chrF2.165704A | G | 0.2639 | 3998 |
| 18 chrF2.166596C | A | 0.009476 | 4010 |
| 18 chrF2.167312A | G | 0.04887 | 3970 |
| 18 chrF2.167815A | C | 0.07046 | 3988 |
| 18 chrF2.168147G | A | 0.2879 | 4002 |
| 18 chrF2.168375A | G | 0.02543 | 3932 |
| 18 chrF2.168392A | G | 0.003743 | 4008 |
| 18 chrF2.168875G | A | 0.2125 | 3986 |
| 18 chrF2.169130A | G | 0.2967 | 3994 |
| 18 chrF2.169458G | A | 0.3057 | 4000 |
| 18 chrF2.169816G | A | 0.3564 | 3962 |
| 18 chrF2.170438G | A | 0.3814 | 3996 |
| 18 chrF2.170637A | G | 0.1913 | 3994 |
| 18 chrF2.170771G | A | 0.3846 | 3950 |
| 18 chrF2.171354A | G | 0.3816 | 3970 |
| 18 chrF2.172143G | A | 0.1605 | 3994 |
| 18 chrF2.172749A | G | 0.1121 | 4004 |
| 18 chrF2.173040A | G | 0.08446 | 4002 |
| 18 chrF2.173319G | A | 0.1175 | 3908 |
| 18 chrF2.173951G | A | 0.4116 | 4004 |
| 18 chrF2.174304C | A | 0.08791 | 4004 |
| 18 chrF2.174544G | A | 0.4336 | 4004 |
| 18 chrF2.174853A | C | 0.1253 | 3992 |
| 18 chrX.6931282G | A | 0.1412 | 3986 |
| 18 chrF2.175226A | G | 0.3159 | 3982 |
| 18 chrF2.175823A | G | 0.1065 | 3982 |
| 18 chrF2.176129G | A | 0.3497 | 4004 |
| 18 chrF2.176391A | G | 0.1036 | 3988 |
| 18 chrF2.176945A | G | 0.2003 | 4004 |

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| 18 chrF2.177481A | G | 0.2556 | 4002 |
| 18 chrF2.177794A | G | 0.01316 | 3876 |
| 18 chrF2.178056C | A | 0.3748 | 3834 |
| 18 chrF2.178679C | A | 0.00499 | 4008 |
| 18 chrF2.179104G | A | 0.1662 | 4002 |
| 18 chrF2.179462A | G | 0.07118 | 4004 |
| 18 chrF2.179783A | G | 0.0535 | 4000 |
| 18 chrF2.180318A | C | 0.2459 | 3892 |
| 18 chrF2.180580A | G | 0.1909 | 4002 |
| 18 chrF2.181065G | A | 0.178 | 4006 |
| 18 chrF2.181382G | A | 0.3471 | 3996 |
| 18 chrF2.181770A | G | 0.1782 | 3766 |
| 18 chrF2.182064A | G | 0.2096 | 4008 |
| 18 chrF2.182483G | A | 0.09269 | 3884 |
| 18 chrF2.182733G | A | 0.09644 | 3992 |
| 18 chrF2.182809G | A | 0.0002494 | 4010 |
| 18 chrF2.183031G | A | 0.468 | 4006 |
| 18 chrF2.183078A | G | 0.3785 | 3918 |
| 18 chrF2.183438A | G | 0.03634 | 3880 |
| 18 chrF2.183722A | C | 0.4163 | 4004 |
| 18 chrF2.184135A | G | 0.03368 | 4008 |
| 18 chrF2.184376A | G | 0.3377 | 3980 |
| 18 chrF2.184762C | A | 0.3436 | 4002 |
| 18 chrF2.185094A | G | 0.4047 | 3936 |
| 18 chrF2.185414A | G | 0.3345 | 3934 |
| 18 chrF2.185762A | G | 0.4666 | 3952 |
| 18 chrF2.186002A | G | 0.172 | 4000 |
| 18 chrF2.186555A | G | 0.1628 | 3926 |
| 18 chrF2.187024G | A | 0.2504 | 3962 |
| 18 chrF2.187402A | G | 0.2605 | 4000 |
| 18 chrF2.187823A | G | 0.3332 | 3998 |
| 18 chrF2.188703G | A | 0.2879 | 3988 |
| 18 chrF2.188954A | G | 0.2784 | 3984 |
| 18 chrF2.189200G | A | 0.1494 | 3990 |
| 18 chrF2.189742C | A | 0.1268 | 4006 |
| 18 chrF2.190141A | G | 0.4257 | 3998 |
| 18 chrF2.190473A | G | 0.4188 | 3978 |
| 18 chrF2.191559A | G | 0.411 | 3966 |
| 18 chrF2.192091A | G | 0.1539 | 4002 |
| 18 chrF2.192119 | 0 G | 0 | 4010 |
| 18 chrF2.192561A | G | 0.4734 | 3986 |

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| 18 chrF2.192999A | C | 0.2348 | 3948 |
| 18 chrF2.193237G | A | 0.1608 | 4006 |
| 18 chrF2.193866A | G | 0.2058 | 3810 |
| 18 chrF2.194161A | G | 0.07806 | 3792 |
| 18 chrF2.194752A | G | 0.1691 | 3862 |
| 18 chrF2.195254C | A | 0.1192 | 3994 |
| 18 chrF2.195826A | G | 0.4787 | 3998 |
| 18 chrF2.196152A | C | 0.3427 | 4006 |
| 18 chrF2.196558A | G | 0.487 | 4002 |
| 18 chrF2.197009A | G | 0.2127 | 3992 |
| 18 chrF2.197359A | C | 0.3655 | 3994 |
| 18 chrF2.197361G | A | 0.3912 | 3990 |
| 18 chrF2.197664A | G | 0.3715 | 3906 |
| 18 chrF2.198202A | G | 0.2591 | 3990 |
| 18 chrF2.198716A | G | 0.3864 | 3926 |
| 18 chrF2.199232C | A | 0.2553 | 3976 |
| 18 chrF2.200062G | A | 0.07585 | 4008 |
| 18 chrF2.200434G | A | 0.2456 | 4006 |
| 18 chrF2.200891A | G | 0.3713 | 4002 |
| 18 chrF2.201195G | A | 0.491 | 4006 |
| 18 chrF2.201439G | A | 0.1559 | 4002 |
| 18 chrF2.201746A | G | 0.002785 | 3950 |
| 18 chrF2.202227G | A | 0.4239 | 3994 |
| 18 chrF2.202903G | A | 0.07525 | 4000 |
| 18 chrF2.203235G | A | 0.3464 | 3914 |
| 18 chrF2.203708A | G | 0.1222 | 4000 |
| 18 chrF2.203996G | A | 0.4079 | 4008 |
| 18 chrF2.166895C | A | 0.005741 | 4006 |
| 18 chrF2.166279A | G | 0.2487 | 3912 |
| 18 chrF2.204731A | G | 0.09364 | 3994 |
| 18 chrF2.205114A | G | 0.1425 | 3938 |
| 18 chrF2.205750A | G | 0.4499 | 3994 |
| 18 chrF2.206213G | A | 0.2414 | 3994 |
| 18 chrF2.206682A | G | 0.2978 | 3992 |
| 18 chrF2.206920A | G | 0.09361 | 4006 |
| 18 chrF2.207309G | A | 0.4453 | 4002 |
| 18 chrF2.207729G | A | 0.3258 | 3996 |
| 18 chrF2.208046A | G | 0.1616 | 3986 |
| 18 chrUn.35357T | A | 0.2425 | 3980 |
| 18 chrF2.208408A | G | 0.4609 | 3992 |
| 18 chrF2.209438G | A | 0.4647 | 3996 |

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| 18 chrF2.209797A | C | 0.1348 | 3960 |
| 18 chrF2.210221G | A | 0.3366 | 3924 |
| 18 chrF2.211043C | A | 0.2294 | 4006 |
| 18 chrF2.211733A | G | 0.2751 | 3988 |
| 18 chrF2.212096G | A | 0.193 | 3968 |
| 18 chrF2.212422A | G | 0.4376 | 4004 |
| 18 chrF2.212722A | G | 0.1099 | 4004 |
| 18 chrF2.213783A | G | 0.0969 | 3994 |
| 18 chrF2.214110G | A | 0.01976 | 3998 |
| 18 chrF2.214582A | G | 0.09321 | 3830 |
| 18 chrF2.214776A | G | 0.4446 | 4010 |
| 18 chrF2.215092A | G | 0.4614 | 3992 |
| 18 chrF2.215493G | A | 0.1636 | 4004 |
| 18 chrF2.215743A | G | 0.3449 | 3914 |
| 18 chrF2.216304A | G | 0.488 | 4006 |
| 18 chrF2.216630A | G | 0.02224 | 3642 |
| 18 chrF2.217413C | A | 0.4103 | 4000 |
| 18 chrF2.217655A | G | 0.02514 | 3978 |
| 18 chrF2.218251A | G | 0.4938 | 4006 |
| 18 chrF2.218551G | A | 0.4006 | 3974 |
| 18 chrF2.218891A | C | 0.3038 | 3960 |
| 18 chrF2.219173A | G | 0.1485 | 4008 |
| 18 chrF2.219417A | G | 0.3846 | 3976 |
| 18 chrF2.220015A | G | 0.1146 | 4004 |
| 18 chrF2.220365G | A | 0.3575 | 4006 |
| 18 chrF2.220724G | A | 0.1622 | 3976 |
| 18 chrF2.221106G | A | 0.409 | 4000 |
| 18 chrF2.221470C | A | 0.284 | 3944 |
| 18 chrF2.222004C | A | 0.07164 | 4006 |
| 18 chrF2.223040A | G | 0.4847 | 3922 |
| 18 chrF2.223401A | G | 0.3179 | 3982 |
| 18 chrF2.223982A | G | 0.2494 | 4002 |
| 18 chrF2.224318G | A | 0.456 | 3978 |
| 18 chrF2.224589G | A | 0.4434 | 3990 |
| 18 chrF2.224807A | C | 0.2484 | 3966 |
| 18 chrF2.225318C | A | 0.3796 | 3996 |
| 18 chrF2.225580G | A | 0.2013 | 3994 |
| 18 chrF2.225871G | A | 0.3034 | 3978 |
| 18 chrF2.225967G | A | 0.3712 | 3990 |
| 18 chrF2.226523A | G | 0.1268 | 4006 |
| 18 chrF2.226782A | G | 0.1227 | 3962 |

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| 18 chrF2.228214A | G | 0.08567 | 3992 |
| 18 chrF2.22860C G | A | 0.4114 | 3986 |
| 18 chrF2.228972C | A | 0.4118 | 4002 |
| 18 chrF2.229274A | C | 0.1333 | 3992 |
| 18 chrF2.22972C C | A | 0.02819 | 4008 |
| 18 chrF2.230657A | G | 0.1638 | 3986 |
| 18 chrF2.230926A | G | 0.4758 | 4002 |
| 18 chrF2.231192A | G | 0.1485 | 3994 |
| 18 chrF2.231775G | A | 0.2709 | 3976 |
| 18 chrF2.232039G | A | 0.3688 | 4000 |
| 18 chrF2.232381G | A | 0.2184 | 3988 |
| 18 chrF2.232951A | G | 0.2268 | 4000 |
| 18 chrF2.233373A | G | 0.4493 | 3982 |
| 18 chrF2.234097G | A | 0.1273 | 4006 |
| 18 chrF2.234531A | G | 0.08078 | 3974 |
| 18 chrF2.234958A | G | 0.4948 | 4006 |
| 18 chrF2.235004C | A | 0.06587 | 4008 |
| 18 chrF2.235275A | G | 0.3844 | 4004 |
| 18 chrF2.235508A | G | 0.2785 | 3978 |
| 18 chrF2.235842A | G | 0.3805 | 4008 |
| 18 chrF2.23642C C | A | 0.4722 | 4000 |
| 18 chrF2.236777A | C | 0.029 | 4000 |
| 18 chrF2.237103A | G | 0.3312 | 3946 |
| 18 chrF2.237393A | G | 0.1145 | 3992 |
| 18 chrF2.237724G | A | 0.3591 | 4002 |
| 18 chrF2.238187A | G | 0.3861 | 3958 |
| 18 chrF2.238437G | A | 0.1209 | 3996 |
| 18 chrF2.238761A | G | 0.05942 | 3972 |
| 18 chrF2.23902C G | A | 0.3665 | 4006 |
| 18 chrF2.239454G | A | 0.1638 | 3998 |
| 18 chrF2.23987C A | G | 0.1256 | 3998 |
| 18 chrF2.240688G | A | 0.07879 | 3998 |
| 18 chrF2.241412G | A | 0.2662 | 4000 |
| 18 chrF2.241674G | A | 0.275 | 3924 |
| 18 chrF2.241946A | G | 0.2959 | 3914 |
| 18 chrF2.242358A | G | 0.0002495 | 4008 |
| 18 chrF2.243299G | A | 0.199 | 4006 |
| 18 chrF2.243652A | G | 0.3671 | 4004 |
| 18 chrF2.243999A | G | 0.4122 | 3998 |
| 18 chrF2.24462C A | G | 0.2128 | 3994 |
| 18 chrF2.245056C | A | 0.2068 | 3990 |

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| 18 chrF2.24550C G | A | 0.2656 | 3994 |
| 18 chrF2.246157G | A | 0.2448 | 4008 |
| 18 chrF2.246597A | G | 0.2484 | 3998 |
| 18 chrF2.247048A | G | 0.1916 | 3976 |
| 18 chrF2.247526A | C | 0.1904 | 3966 |
| 18 chrF2.247832A | G | 0.2293 | 4004 |
| 18 chrF2.248195G | A | 0.1698 | 4004 |
| 18 chrF2.248655G | A | 0.2563 | 3992 |
| 18 chrF2.249084A | C | 0.07018 | 4004 |
| 18 chrF2.249359G | A | 0.03233 | 3990 |
| 18 chrF2.249902A | G | 0.4243 | 4004 |
| 18 chrF2.250291C | A | 0.3875 | 4000 |
| 18 chrF2.250643A | G | 0.2541 | 3998 |
| 18 chrF2.251540C | A | 0.2 | 4010 |
| 18 chrF2.251910C | A | 0.3563 | 4002 |
| 18 chrF2.252567G | A | 0.2328 | 3990 |
| 18 chrF2.253183G | A | 0.427 | 3998 |
| 18 chrF2.253744A | G | 0.2756 | 4002 |
| 18 chrF2.254061G | A | 0.2174 | 4002 |
| 18 chrF2.254412A | G | 0.319 | 3984 |
| 18 chrF2.254773A | C | 0.3943 | 3956 |
| 18 chrF2.255022G | A | 0.3335 | 4006 |
| 18 chrF2.255368A | G | 0.07633 | 3996 |
| 18 chrF2.255689G | A | 0.4644 | 3994 |
| 18 chrF2.256254G | A | 0.3066 | 4008 |
| 18 chrF2.256554G | A | 0.3281 | 4008 |
| 18 chrF2.256844G | A | 0.4211 | 4004 |
| 18 chrF2.257318C | A | 0.1091 | 4004 |
| 18 chrF2.257962A | G | 0.4521 | 4008 |
| 18 chrF2.258130A | G | 0.1984 | 3996 |
| 18 chrF2.258405A | G | 0.2326 | 3860 |
| 18 chrF2.258804G | A | 0.3724 | 3988 |
| 18 chrF2.259080C | A | 0.2737 | 3994 |
| 18 chrF2.259316A | G | 0.4638 | 3974 |
| 18 chrF2.259641A | G | 0.4708 | 4000 |
| 18 chrF2.259963A | G | 0.3336 | 3966 |
| 18 chrF2.260127C | A | 0.2029 | 3988 |
| 18 chrF2.260390A | G | 0.2119 | 3992 |
| 18 chrF2.260725G | A | 0.2207 | 3996 |
| 18 chrF2.260980G | A | 0.1303 | 4006 |
| 18 chrF2.261285G | A | 0.2212 | 3974 |

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| 18 chrD4.43781A | G | 0.2709 | 3994 |
| 18 chrF2.261527G | A | 0.2635 | 3940 |
| 18 chrF2.262329G | A | 0.3377 | 3980 |
| 18 chrF2.263049A | G | 0.1233 | 3998 |
| 18 chrF2.263475A | G | 0.01524 | 4002 |
| 18 chrF2.263726C | A | 0.2794 | 3994 |
| 18 chrF2.263979A | C | 0.4367 | 3984 |
| 18 chrF2.264299C | A | 0.4702 | 3994 |
| 18 chrF2.264589A | G | 0.1267 | 4010 |
| 18 chrF2.264878G | A | 0.3169 | 3932 |
| 18 chrF2.265284A | G | 0.1098 | 4008 |
| 18 chrF2.265567A | C | 0.1779 | 4008 |
| 18 chrF2.265918A | G | 0.3343 | 3988 |
| 18 chrF2.266723A | G | 0.05182 | 3956 |
| 18 chrF2.267401G | A | 0.4474 | 3994 |
| 18 chrF2.267907A | G | 0.3997 | 3958 |
| 18 chrF2.268271A | G | 0.3241 | 3992 |
| 18 chrF2.268737A | G | 0.4837 | 3984 |
| 18 chrF2.269193A | G | 0.1591 | 4004 |
| 18 chrF2.269470A | C | 0.2477 | 3904 |
| 18 chrF2.269796G | A | 0.1493 | 3772 |
| 18 chrF2.270585C | A | 0.3699 | 3974 |
| 18 chrF2.271086A | G | 0.4606 | 3984 |
| 18 chrF2.271089A | G | 0.248 | 3996 |
| 18 chrF2.271351A | G | 0.4461 | 4004 |
| 18 chrF2.271625A | G | 0.1185 | 3982 |
| 18 chrF2.272214A | C | 0.2636 | 3926 |
| 18 chrF2.272715G | A | 0.1015 | 4008 |
| 18 chrF2.272959A | C | 0.2442 | 3996 |
| 18 chrF2.273643A | C | 0.3945 | 3972 |
| 18 chrF2.274138C | A | 0.06595 | 3988 |
| 18 chrF2.274433C | A | 0.2877 | 3914 |
| 18 chrF2.275068A | G | 0.1714 | 4002 |
| 18 chrF2.275406C | A | 0.4791 | 3870 |
| 18 chrF2.276644A | G | 0.4859 | 3910 |
| 18 chrF2.276891G | A | 0.3184 | 3986 |
| 18 chrF2.277233C | A | 0.07193 | 4004 |
| 18 chrF2.277830A | G | 0.321 | 4000 |
| 18 chrF2.278413A | G | 0.2313 | 3994 |
| 18 chrF2.278809G | A | 0.3014 | 3706 |
| 18 chrF2.279391G | A | 0.2753 | 3974 |

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| 18 chrF2.279873A | C | 0.2079 | 3998 |
| 18 chrF2.28048C | A | 0.06688 | 3992 |
| 18 chrF2.280927A | G | 0.3498 | 3928 |
| 18 chrF2.281198A | C | 0.3628 | 4002 |
| 18 chrF2.281199C | A | 0.3666 | 3972 |
| 18 chrF2.282192G | A | 0.4674 | 3992 |
| 18 chrF2.28266C | G | 0.3557 | 3998 |
| 18 chrF2.283064G | A | 0.3754 | 3996 |
| 18 chrF2.283728A | G | 0.4092 | 3996 |
| 18 chrF2.284251G | A | 0.1712 | 4002 |
| 18 chrF2.284545A | G | 0.3077 | 4004 |
| 18 chrF2.285633G | A | 0.2187 | 3982 |
| 18 chrF2.285912C | A | 0.4194 | 3996 |
| 18 chrD2.293227C | A | 0.08721 | 4002 |
| 18 chrF2.286575G | A | 0.1583 | 3998 |
| 18 chrF2.287291A | G | 0.3076 | 3970 |
| 18 chrF2.287687A | G | 0.04224 | 3930 |
| 18 chrF2.288431G | A | 0.02685 | 3948 |
| 18 chrF2.288709G | A | 0.05586 | 4010 |
| 18 chrF2.28913C | C | 0.3212 | 3998 |
| 18 chrF2.289971A | G | 0.1585 | 3980 |
| 18 chrF2.290454A | G | 0.3699 | 3960 |
| 18 chrF2.291126A | G | 0.4074 | 3952 |
| 18 chrF2.291399C | A | 0.3996 | 3974 |
| 18 chrF2.291726A | G | 0.4361 | 3978 |
| 18 chrF2.292079A | C | 0.4017 | 3908 |
| 18 chrUn.178384A | G | 0.2509 | 3978 |
| 18 chrF2.292447A | G | 0.39 | 3826 |
| 18 chrF2.293188A | C | 0.4615 | 3998 |
| 18 chrF2.293809G | A | 0.4033 | 4002 |
| 18 chrF2.294794G | A | 0.1184 | 3996 |
| 18 chrF2.295189G | A | 0.3983 | 4002 |
| 18 chrF2.296539G | A | 0.3154 | 3998 |
| 18 chrF2.297204G | A | 0.1733 | 4004 |
| 18 chrF2.297831G | A | 0.4031 | 4004 |
| 18 chrF2.298165G | A | 0.07371 | 4002 |
| 18 chrF2.298662A | G | 0.1266 | 3998 |
| 18 chrF2.299135 | 0 G | 0 | 4010 |
| 18 chrF2.299349A | G | 0.06874 | 3986 |
| 18 chrF2.29967C | A | 0.4528 | 3944 |
| 18 chrF2.300598A | G | 0.06273 | 3826 |

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| 18 chrF2.300910G | A | 0.01173 | 3922 |
| 18 chrF2.301728A | G | 0.04445 | 3892 |
| 18 chrF2.302609A | G | 0.01292 | 3870 |
| 18 chrF2.303065G | A | 0.2762 | 3986 |
| 18 chrF2.303685C | A | 0.07758 | 3996 |
| 18 chrF2.303958C | A | 0.1786 | 3980 |
| 18 chrF2.304847A | G | 0.2915 | 4000 |
| 18 chrF2.305867A | G | 0.2435 | 4004 |
| 18 chrF2.306224A | G | 0.1453 | 3984 |
| 18 chrF2.307121G | A | 0.1987 | 4000 |
| 18 chrF2.307388A | G | 0.101 | 3982 |
| 18 chrF2.307527A | C | 0.2515 | 4008 |
| 18 chrF2.307645G | A | 0.1176 | 4004 |
| 18 chrF2.308775A | G | 0.4306 | 3976 |
| 18 chrF2.309213G | A | 0.06338 | 3992 |
| 18 chrF2.309733C | A | 0.007924 | 3786 |
| 18 chrF2.310269G | A | 0.3359 | 3980 |
| 18 chrF2.310641A | G | 0.1544 | 4002 |
| 18 chrF2.311215A | G | 0.08175 | 4000 |
| 18 chrF2.312816G | A | 0.2573 | 3980 |
| 18 chrF2.313173A | G | 0.2085 | 3990 |
| 18 chrF2.313521A | G | 0.08304 | 3998 |
| 18 chrF2.313801A | C | 0.06836 | 4008 |
| 18 chrF2.314824 | 0 C | 0 | 4006 |
| 18 chrF2.314918A | G | 0.05941 | 4006 |
| 18 chrF2.315350G | A | 0.05988 | 4008 |
| 18 chrF2.315606G | A | 0.06625 | 4000 |
| 18 chrF2.316169G | A | 0.1226 | 3990 |
| 18 chrF2.316505C | A | 0.4346 | 4004 |
| 18 chrF2.316876A | G | 0.2764 | 4008 |
| 18 chrF2.317240G | A | 0.04323 | 4002 |
| 18 chrF2.317545A | C | 0.1609 | 3984 |
| 18 chrF2.317939G | A | 0.4414 | 3992 |
| 18 chrF2.318696A | G | 0.3801 | 3996 |
| 18 chrF2.319134A | G | 0.04698 | 4002 |
| 18 chrF2.319200A | G | 0.1486 | 3970 |
| 18 chrF2.319714G | A | 0.2575 | 3976 |
| 18 chrF2.319992A | G | 0.0957 | 4002 |
| 18 chrF2.320443G | A | 0.1772 | 3996 |
| 18 chrF2.320954A | G | 0.1717 | 3984 |
| 18 chrF2.321244A | G | 0.1803 | 3994 |

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| 18 chrF2.322248A | C | 0.3207 | 3998 |
| 18 chrF2.322681G | A | 0.2914 | 3994 |
| 18 chrF2.323194G | A | 0.4985 | 3998 |
| 18 chrF2.323556G | A | 0.1412 | 3994 |
| 18 chrF2.323904C | A | 0.02348 | 4004 |
| 18 chrF2.324915C | A | 0.2944 | 3994 |
| 18 chrF2.325353A | G | 0.02221 | 4008 |
| 18 chrF2.325814A | G | 0.2903 | 3986 |
| 18 chrF2.326111A | C | 0.3082 | 3932 |
| 18 chrF2.327164G | A | 0.1701 | 3962 |
| 18 chrF2.327708C | A | 0.2867 | 3900 |
| 18 chrF2.328086C | A | 0.2417 | 3992 |
| 18 chrF2.328684C | A | 0.3234 | 3800 |
| 18 chrF2.329105A | G | 0.1718 | 3988 |
| 18 chrF2.329915G | A | 0.4527 | 3994 |
| 18 chrF2.329589A | G | 0.1095 | 4008 |
| 18 chrF2.330176G | A | 0.04641 | 3986 |
| 18 chrF2.330832G | A | 0.2256 | 3998 |
| 18 chrF2.331096A | G | 0.4122 | 3986 |
| 18 chrF2.331650G | A | 0.1797 | 3996 |
| 18 chrF2.331919C | A | 0.1009 | 3964 |
| 18 chrF2.332011A | G | 0.4293 | 3976 |
| 18 chrF2.332212C | A | 0.08004 | 3998 |
| 18 chrF2.332506A | G | 0.4075 | 3998 |
| 18 chrF2.333029G | A | 0.2435 | 3996 |
| 18 chrF2.333363A | G | 0.08545 | 3932 |
| 18 chrF2.334106A | G | 0.2988 | 3966 |
| 18 chrF2.334427G | A | 0.3596 | 4002 |
| 18 chrF2.334828G | A | 0.4615 | 3996 |
| 18 chrF2.335809G | A | 0.4286 | 4006 |
| 18 chrF2.336366A | G | 0.1704 | 3978 |
| 18 chrF2.336622A | C | 0.2524 | 4002 |
| 18 chrF2.336985A | G | 0.3422 | 3980 |
| 18 chrF2.337648C | A | 0.4366 | 3784 |
| 18 chrF2.337903A | G | 0.1371 | 4004 |
| 18 chrF2.338487A | G | 0.3812 | 3966 |
| 18 chrF2.338581A | G | 0.2132 | 4000 |
| 18 chrF2.338849A | G | 0.2591 | 4006 |
| 18 chrF2.339244A | G | 0.498 | 3996 |
| 18 chrF2.340187G | A | 0.1088 | 3998 |
| 18 chrF2.340654A | G | 0.4978 | 4008 |

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| 18 chrF2.340982A | G | 0.05126 | 3804 |
| 18 chrF2.341649A | C | 0.009138 | 3830 |
| 18 chrF2.341957A | G | 0.137 | 3986 |
| 18 chrF2.342327A | G | 0.02924 | 4002 |
| 18 chrF2.342606C | A | 0.4759 | 3976 |
| 18 chrF2.342913A | G | 0.2179 | 3998 |
| 18 chrF2.343160A | G | 0.2859 | 3998 |
| 18 chrF2.343470G | A | 0.1697 | 4006 |
| 18 chrF2.343816G | A | 0.1485 | 4000 |
| 18 chrF2.344071G | A | 0.1437 | 3966 |
| 18 chrF2.344598A | G | 0.06444 | 4004 |
| 18 chrF2.344976A | G | 0.1499 | 4004 |
| 18 chrF2.345283A | G | 0.2819 | 3994 |
| 18 chrF2.345638G | A | 0.08904 | 3998 |
| 18 chrF2.345949A | G | 0.3391 | 4002 |
| 18 chrF2.346715A | G | 0.05045 | 3984 |
| 18 chrF2.347432G | A | 0.2435 | 4004 |
| 18 chrF2.347752A | G | 0.07598 | 3988 |
| 18 chrF2.348077G | A | 0.3435 | 3994 |
| 18 chrF2.348851C | A | 0.3912 | 3998 |
| 18 chrF2.349231G | A | 0.07468 | 4004 |
| 18 chrF2.349542A | C | 0.2864 | 3890 |
| 18 chrF2.350219A | G | 0.2992 | 3990 |
| 18 chrF2.350538A | G | 0.1202 | 3994 |
| 18 chrF2.350909C | A | 0.4648 | 3952 |
| 18 chrF2.351174A | G | 0.2598 | 4000 |
| 18 chrF2.351521G | A | 0.06063 | 4008 |
| 18 chrF2.351964A | G | 0.4561 | 3988 |
| 18 chrF2.352355A | G | 0.06827 | 3984 |
| 18 chrF2.352466A | G | 0.341 | 3856 |
| 18 chrF2.353008A | G | 0.1028 | 3938 |
| 18 chrF2.353256A | G | 0.273 | 3996 |
| 18 chrF2.353662A | G | 0.2611 | 3796 |
| 18 chrF2.354187A | G | 0.3064 | 3688 |
| 18 chrF2.354958G | A | 0.2121 | 3998 |
| 18 chrF2.355316C | A | 0.08375 | 3964 |
| 18 chrF2.355562A | C | 0.2666 | 3980 |
| 18 chrUn.65750(A | G | 0.02227 | 3862 |
| 18 chrF2.356014G | A | 0.01753 | 3936 |
| 18 chrF2.356313G | A | 0.472 | 3996 |
| 18 chrF2.356862A | G | 0.2053 | 4000 |

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| 18 chrA1.111535C | A | 0.1235 | 3992 |
| 18 chrF2.357157G | A | 0.4042 | 4008 |
| 18 chrF2.357633A | G | 0.4466 | 3970 |
| 18 chrF2.357893G | A | 0.18 | 4006 |
| 18 chrF2.358209G | A | 0.3637 | 3968 |
| 18 chrF2.358485A | C | 0.3571 | 3974 |
| 18 chrF2.358731G | A | 0.2153 | 4000 |
| 18 chrF2.360071G | A | 0.09935 | 3976 |
| 18 chrF2.360799G | A | 0.3736 | 3876 |
| 18 chrF2.361323A | G | 0.2369 | 3980 |
| 18 chrF2.361684A | G | 0.245 | 4000 |
| 18 chrF2.361907G | A | 0.4605 | 3996 |
| 18 chrF2.362003G | A | 0.1182 | 4002 |
| 18 chrF2.362313G | A | 0.1604 | 3996 |
| 18 chrF2.362737A | G | 0.008643 | 3818 |
| 18 chrF2.363029A | C | 0.2619 | 4002 |
| 18 chrF2.363824A | G | 0.2921 | 4002 |
| 18 chrF2.364425G | A | 0.4705 | 3938 |
| 18 chrF2.364922G | A | 0.4503 | 4004 |
| 18 chrF2.365301A | C | 0.09626 | 4010 |
| 18 chrF2.365716A | G | 0.0679 | 3726 |
| 18 chrF2.366009A | G | 0.08409 | 3972 |
| 18 chrF2.366220A | G | 0.09362 | 3984 |
| 18 chrF2.366629A | G | 0.2241 | 4002 |
| 18 chrF2.366978C | A | 0.0585 | 4000 |
| 18 chrF2.367235A | G | 0.1319 | 4004 |
| 18 chrF2.367872G | A | 0.08383 | 3686 |
| 18 chrF2.368022 | 0 G | 0 | 4010 |
| 18 chrF2.368198A | G | 0.2582 | 3982 |
| 18 chrF2.368667C | A | 0.3347 | 3738 |
| 18 chrF2.369023G | A | 0.067 | 4000 |
| 18 chrF2.369327G | A | 0.1082 | 4002 |
| 18 chrF2.369674G | A | 0.2641 | 4002 |
| 18 chrF2.370664G | A | 0.1754 | 3968 |
| 18 chrF2.372100 | 0 C | 0 | 4008 |
| 18 chrF2.372437G | A | 0.2428 | 4000 |
| 18 chrF2.372776A | G | 0.3378 | 3840 |
| 18 chrF2.374001G | A | 0.1421 | 4004 |
| 18 chrF2.374513A | G | 0.4587 | 3994 |
| 18 chrF2.374735A | G | 0.004854 | 3914 |
| 18 chrF2.375234A | G | 0.3015 | 3848 |

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| 18 chrF2.375970 G | A | 0.2685 | 3970 |
| 18 chrD4.110981 A | G | 0.193 | 3984 |
| 18 chrUn.126971 A | C | 0.4097 | 3820 |
| 18 chrF2.377450 G | A | 0.203 | 3990 |
| 18 chrF2.377787 A | G | 0.3688 | 3980 |
| 18 chrF2.379367 A | C | 0.493 | 3972 |
| 18 chrF2.379605 A | G | 0.4008 | 3982 |
| 18 chrF2.380241 A | C | 0.0004988 | 4010 |
| 18 chrF2.380944 A | G | 0.1751 | 3838 |
| 18 chrUn.347581 A | C | 0.2694 | 3994 |
| 18 chrF2.382049 A | G | 0.346 | 3928 |
| 18 chrF2.382675 A | G | 0.35 | 3874 |
| 18 chrF2.383156 A | G | 0.09057 | 4008 |
| 18 chrF2.383494 A | G | 0.1886 | 3882 |
| 18 chrF2.383779 A | G | 0.2269 | 4006 |
| 18 chrF2.384166 C | A | 0.1732 | 3978 |
| 18 chrF2.384185 A | G | 0.08882 | 4008 |
| 18 chrF2.384641 A | C | 0.2469 | 4002 |
| 18 chrF2.385531 A | C | 0.04681 | 3952 |
| 18 chrF2.386068 A | C | 0.4123 | 3970 |
| 18 chrF2.386327 A | G | 0.003 | 4000 |
| 18 chrF2.386821 A | C | 0.2416 | 3998 |
| 18 chrF2.387222 A | G | 0.04396 | 4004 |
| 18 chrUn.597021 G | A | 0.08721 | 4002 |
| 18 chrF2.387586 C | A | 0.3152 | 3886 |
| 18 chrF2.388026 A | G | 0.008978 | 4010 |
| 18 chrF2.388499 G | A | 0.4305 | 3988 |
| 18 chrF2.388754 A | G | 0.01265 | 3794 |
| 18 chrF2.389427 G | A | 0.1833 | 3956 |
| 18 chrF2.390321 A | G | 0.4638 | 3974 |
| 18 chrF2.390711 C | A | 0.3423 | 3710 |
| 18 chrF2.390743 A | G | 0.1075 | 4008 |
| 18 chrF2.391252 C | A | 0.01396 | 3940 |
| 18 chrF2.391745 A | G | 0.3152 | 3998 |
| 18 chrF2.392279 A | G | 0.3102 | 3656 |
| 18 chrF2.392698 A | G | 0.2679 | 3998 |
| 18 chrF2.392954 G | A | 0.2746 | 3930 |
| 18 chrF2.393302 G | A | 0.2441 | 3994 |
| 18 chrF2.393601 A | G | 0.1195 | 4000 |
| 18 chrF2.394409 A | C | 0.2456 | 3998 |
| 18 chrF2.394702 A | G | 0.2931 | 3924 |

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| 18 chrF2.395582G | A | 0.1186 | 4004 |
| 18 chrF2.395983G | A | 0.07139 | 3992 |
| 18 chrF2.396506C | A | 0.04751 | 3978 |
| 18 chrF2.396796A | G | 0.1151 | 4006 |
| 18 chrUn.64582(G | A | 0.1151 | 4006 |
| 18 chrF2.397524A | G | 0.483 | 4004 |
| 18 chrF2.397848A | G | 0.1698 | 3992 |
| 18 chrF2.398163G | A | 0.1589 | 4008 |
| 18 chrUn.81255(A | G | 0.1972 | 4002 |
| 18 chrF2.398514C | A | 0.09025 | 4000 |
| 18 chrB1.178034G | A | 0.499 | 3992 |
| 18 chrF2.399248C | A | 0.2597 | 3716 |
| 18 chrF2.399509G | A | 0.2621 | 3980 |
| 18 chrF2.399987G | A | 0.3861 | 4004 |
| 18 chrF2.400584A | G | 0.4418 | 3950 |
| 18 chrF2.401300G | A | 0.2966 | 4006 |
| 18 chrF2.401569A | G | 0.1067 | 4002 |
| 18 chrF2.401817G | A | 0.3265 | 3936 |
| 18 chrF2.402212G | A | 0.3685 | 4008 |
| 18 chrF2.402905A | G | 0.0481 | 3992 |
| 18 chrF2.403209G | A | 0.306 | 4000 |
| 18 chrF2.404576A | G | 0.08509 | 3996 |
| 18 chrF2.404955G | A | 0.4489 | 3996 |
| 18 chrF2.405225G | A | 0.1447 | 4002 |
| 18 chrF2.405284G | A | 0.1344 | 4004 |
| 18 chrF2.405807G | A | 0.2797 | 4008 |
| 18 chrF2.406182A | G | 0.436 | 4002 |
| 18 chrF2.406714G | A | 0.2009 | 3998 |
| 18 chrF2.407243A | G | 0.2712 | 4004 |
| 18 chrF2.407571A | G | 0.1003 | 3998 |
| 18 chrF2.407809A | G | 0.2704 | 3994 |
| 18 chrF2.408055C | A | 0.1023 | 3990 |
| 18 chrF2.408437G | A | 0.2286 | 3994 |
| 18 chrF2.408770G | A | 0.308 | 4000 |
| 18 chrF2.409017A | G | 0.3088 | 3990 |
| 18 chrF2.409307C | A | 0.1266 | 3998 |
| 18 chrF2.409631G | A | 0.1913 | 3984 |
| 18 chrF2.409897C | A | 0.08852 | 3988 |
| 18 chrF2.410300A | G | 0.2102 | 3986 |
| 18 chrF2.410893A | G | 0.1165 | 3906 |
| 18 chrF2.411932A | G | 0.1555 | 4006 |

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| 18 chrF2.412298C | A | 0.2189 | 3910 |
| 18 chrUn.44067G | A | 0.3483 | 3994 |
| 18 chrF2.412915G | A | 0.257 | 3980 |
| 18 chrF2.413505G | A | 0.3272 | 3814 |
| 18 chrF2.413841A | G | 0.3403 | 3950 |
| 18 chrF2.414137G | A | 0.4334 | 3980 |
| 18 chrF2.414376A | C | 0.1959 | 3982 |
| 18 chrF2.415066A | G | 0.4635 | 4002 |
| 18 chrF2.415542C | A | 0.009339 | 3962 |
| 18 chrF2.415544A | C | 0.2198 | 3994 |
| 18 chrF2.416004A | G | 0.4975 | 3982 |
| 18 chrF2.416435A | C | 0.11 | 3854 |
| 18 chrF2.416758G | A | 0.1479 | 4004 |
| 18 chrF2.416953G | A | 0.001044 | 3830 |
| 18 chrD1.21695A | G | 0.2983 | 3972 |
| 18 chrF2.417203A | G | 0.3033 | 3950 |
| 18 chrF2.417491G | A | 0.08859 | 3996 |
| 18 chrF2.418089C | A | 0.1538 | 3960 |
| 18 chrF2.418574A | G | 0.3387 | 4000 |
| 18 chrF2.419025A | G | 0.1795 | 3972 |
| 18 chrF2.419445A | G | 0.2614 | 3944 |
| 18 chrUn.72336A | G | 0.4412 | 3994 |
| 18 chrF2.419761G | A | 0.3226 | 3996 |
| 18 chrF2.420164G | A | 0.1209 | 3862 |
| 18 chrF2.420634C | A | 0.4299 | 3994 |
| 18 chrF2.421744A | G | 0.1485 | 4000 |
| 18 chrF2.422048C | A | 0.2304 | 3728 |
| 18 chrF2.422327A | G | 0.112 | 4008 |
| 18 chrF2.422578C | A | 0.3728 | 4008 |
| 18 chrF2.422894A | G | 0.05147 | 4002 |
| 18 chrF2.423220G | A | 0.3139 | 3950 |
| 18 chrF2.423632G | A | 0.1184 | 4002 |
| 18 chrF2.424607A | G | 0.1619 | 4008 |
| 18 chrF2.425326G | A | 0.04341 | 4008 |
| 18 chrF2.425607A | G | 0.03696 | 4004 |
| 18 chrF2.425846G | A | 0.1417 | 3662 |
| 18 chrF2.426388A | G | 0.09569 | 3992 |
| 18 chrF2.427220A | G | 0.02257 | 3854 |
| 18 chrF2.427481C | A | 0.2343 | 4004 |
| 18 chrF2.427840G | A | 0.3247 | 4000 |
| 18 chrF2.428310A | G | 0.4775 | 4000 |

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| 18 chrF2.42855C | A | 0.2747 | 3994 |
| 18 chrF2.42896C | A | 0.1246 | 3964 |
| 18 chrF2.429467A | G | 0.02044 | 3768 |
| 18 chrF2.429995A | G | 0.02499 | 4002 |
| 18 chrF2.431412A | G | 0.2775 | 4004 |
| 18 chrF2.430367G | A | 0.01246 | 3932 |
| 18 chrF2.430328A | G | 0.04271 | 4004 |
| 18 chrF2.432494C | A | 0.1119 | 3950 |
| 18 chrF2.432802A | G | 0.3822 | 3878 |
| 18 chrUn.22049!A | G | 0.2662 | 3862 |
| 18 chrF2.433742G | A | 0.2359 | 3998 |
| 18 chrF2.434532G | A | 0.1 | 4010 |
| 18 chrF2.435033A | G | 0.1862 | 4000 |
| 18 chrF2.43550C | A | 0.3548 | 3926 |
| 18 chrF2.435635G | A | 0.02745 | 4008 |
| 18 chrF2.436103G | A | 0.4314 | 3978 |
| 18 chrF2.436571A | C | 0.3002 | 3988 |
| 18 chrF2.436797G | A | 0.2059 | 3968 |
| 18 chrF2.437091A | G | 0.2056 | 3994 |
| 18 chrF2.437333G | A | 0.03172 | 4004 |
| 18 chrF2.43775C | G | 0.08221 | 4002 |
| 18 chrF2.438586G | A | 0.2396 | 3974 |
| 18 chrF2.439292C | A | 0.3938 | 3832 |
| 18 chrF2.43966C | A | 0.2859 | 4002 |
| 18 chrF2.440189A | G | 0.2258 | 3954 |
| 18 chrF2.440197A | G | 0.2223 | 4004 |
| 18 chrF2.441499G | A | 0.1281 | 4006 |
| 18 chrF2.441812G | A | 0.1305 | 4008 |
| 18 chrF2.442164C | A | 0.04893 | 4006 |
| 18 chrF2.44336C | A | 0.4522 | 3998 |
| 18 chrF2.444197A | G | 0.2672 | 4004 |
| 18 CALB.230 | 0 G | 0 | 4010 |
| 18 CALB.323 A | C | 0.01992 | 3966 |
| 18 CALB.558 | 0 A | 0 | 4010 |
| 18 CALB.631 | 0 A | 0 | 4006 |
| 18 chrF2.444596A | G | 0.253 | 3992 |
| 18 chrF2.444963A | G | 0.1651 | 4004 |
| 18 chrF2.44530C | A | 0.4181 | 3992 |
| 18 chrF2.445649G | A | 0.2944 | 3994 |
| 18 chrF2.445898G | A | 0.3182 | 4010 |
| 18 chrF2.446212A | G | 0.1642 | 4008 |

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| 18 chrF2.447031A | G | 0.1911 | 3930 |
| 18 chrF2.44808C | A | 0.368 | 4008 |
| 18 chrF2.44862C | G | 0.09245 | 4002 |
| 18 chrF2.449234C | A | 0.4975 | 3998 |
| 18 chrF2.449505G | A | 0.1345 | 4008 |
| 18 chrF2.44993C | G | 0.1714 | 3938 |
| 18 chrF2.450174C | A | 0.3153 | 3996 |
| 18 chrF2.45027C | G | 0.0813 | 4010 |
| 18 chrF2.450421A | G | 0.4744 | 3948 |
| 18 chrF2.45130C | C | 0.08801 | 3988 |
| 18 chrF2.451912C | A | 0.3578 | 3952 |
| 18 chrF2.452158G | A | 0.08271 | 4002 |
| 18 chrF2.452479G | A | 0.06947 | 4002 |
| 18 chrF2.452987G | A | 0.25 | 3752 |
| 18 chrF2.454354A | G | 0.1109 | 3996 |
| 18 chrF2.454954G | A | 0.1126 | 3980 |
| 18 chrF2.455433G | A | 0.2172 | 3836 |
| 18 chrUn.33167A | C | 0.449 | 3980 |
| 18 chrF2.456049C | A | 0.04613 | 4010 |
| 18 chrF2.457125G | A | 0.08454 | 4010 |
| 18 chrF2.457526G | A | 0.2633 | 3962 |
| 18 chrF2.457565A | G | 0.0004988 | 4010 |
| 18 chrF2.457769A | G | 0.2022 | 3992 |
| 18 chrF2.458495C | A | 0.443 | 4002 |
| 18 chrF2.458904G | A | 0.08308 | 4008 |
| 18 chrF2.459282G | A | 0.3929 | 3922 |
| 18 chrF2.459766 | 0 C | 0 | 4008 |
| 18 chrF2.459782A | G | 0.372 | 3952 |
| 18 chrF2.460202G | A | 0.3846 | 4002 |
| 18 chrF2.461013A | G | 0.4238 | 4004 |
| 18 chrF2.461325G | A | 0.08987 | 4006 |
| 18 chrF2.461648G | A | 0.1576 | 3878 |
| 18 chrUn.40788! | 0 G | 0 | 4002 |
| 18 chrF2.462055A | G | 0.1883 | 3984 |
| 18 chrF2.462745G | A | 0.06103 | 3998 |
| 18 chrF2.463131A | G | 0.04175 | 3952 |
| 18 chrF2.46377C | A | 0.1982 | 3810 |
| 18 chrF2.464633G | A | 0.02894 | 3974 |
| 18 chrF2.464948G | A | 0.04704 | 3954 |
| 18 chrF2.465381A | G | 0.397 | 3992 |
| 18 chrF2.466432A | G | 0.0193 | 3990 |

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| 18 chrF2.466964G | A | 0.2035 | 3784 |
| 18 chrF2.467767A | C | 0.3715 | 4000 |
| 18 chrF2.468037G | A | 0.4043 | 4002 |
| 18 chrF2.468506A | G | 0.04316 | 4008 |
| 18 chrF2.469302A | G | 0.06965 | 4006 |
| 18 chrF2.469566G | A | 0.2211 | 3980 |
| 18 chrF2.469958A | G | 0.01546 | 4010 |
| 18 chrF2.470580G | A | 0.2009 | 3998 |
| 18 chrF2.471064G | A | 0.00399 | 4010 |
| 18 chrF2.471463A | G | 0.1633 | 3822 |
| 18 chrF2.472043G | A | 0.1102 | 4010 |
| 18 chrF2.472341A | G | 0.3122 | 3998 |
| 18 chrF2.473273A | G | 0.2123 | 3970 |
| 18 chrF2.473528G | A | 0.4365 | 4000 |
| 18 chrF2.474030G | A | 0.02146 | 3914 |
| 18 chrF2.474177G | A | 0.4585 | 4004 |
| 18 chrF2.474773C | A | 0.1378 | 3992 |
| 18 chrF2.475012A | G | 0.2299 | 4006 |
| 18 chrF2.476081A | G | 0.1808 | 4004 |
| 18 chrF2.476430G | A | 0.2489 | 4002 |
| 18 chrF2.476804A | G | 0.2069 | 3900 |
| 18 chrF2.477091A | G | 0.2983 | 3996 |
| 18 chrF2.477355A | G | 0.1551 | 3990 |
| 18 chrF2.477690G | A | 0.08993 | 3992 |
| 18 chrF2.477955G | A | 0.1703 | 4004 |
| 18 chrF2.479600A | G | 0.03721 | 3762 |
| 18 chrF2.479849A | G | 0.07404 | 3998 |
| 18 chrF2.480542A | G | 0.008483 | 4008 |
| 18 chrF2.480891A | G | 0.4242 | 3970 |
| 18 chrF2.481287G | A | 0.4138 | 3898 |
| 18 chrF2.481659A | G | 0.113 | 4000 |
| 18 chrF2.481967A | G | 0.2158 | 4004 |
| 18 chrF2.482241G | A | 0.1025 | 4008 |
| 18 chrF2.482593A | G | 0.03247 | 4004 |
| 18 chrUn.495808G | A | 0.3505 | 3812 |
| 18 chrF2.484083A | G | 0.2543 | 3984 |
| 18 chrF2.484467A | C | 0.257 | 4004 |
| 18 chrF2.484984A | G | 0.2287 | 3962 |
| 18 chrF2.485450A | G | 0.1833 | 4004 |
| 18 chrF2.485926G | A | 0.4905 | 3994 |
| 18 chrF2.486208A | G | 0.462 | 3946 |

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| 18 chrF2.486503A | G | 0.253 | 4000 |
| 18 chrF2.486715A | G | 0.2555 | 3996 |
| 18 chrF2.486877C | A | 0.1693 | 4000 |
| 18 chrF2.487208A | G | 0.3162 | 3998 |
| 18 chrF2.487771A | G | 0.4129 | 3982 |
| 18 chrF2.488450G | A | 0.3947 | 4006 |
| 18 chrF2.488696G | A | 0.06394 | 4004 |
| 18 chrF2.489395A | G | 0.2138 | 3920 |
| 18 chrF2.489798A | C | 0.1172 | 3926 |
| 18 chrF2.489958A | G | 0.08859 | 3996 |
| 18 chrF2.490487A | G | 0.414 | 4000 |
| 18 chrF2.491117A | G | 0.4466 | 4004 |
| 18 chrF2.491361A | C | 0.01522 | 3942 |
| 18 chrF2.491784A | G | 0.4611 | 4006 |
| 18 chrF2.492458G | A | 0.4438 | 3986 |
| 18 chrF2.492946A | G | 0.479 | 3946 |
| 18 chrF2.493369A | G | 0.2851 | 3848 |
| 18 chrB2.141637C | A | 0.3343 | 3996 |
| 18 chrF2.494030A | G | 0.1373 | 3998 |
| 18 chrF2.494678A | G | 0.1915 | 3916 |
| 18 chrF2.495045A | G | 0.2971 | 3992 |
| 18 chrF2.495401A | G | 0.1001 | 3976 |
| 18 chrF2.495951A | G | 0.3926 | 4002 |
| 18 chrF2.496189G | A | 0.1957 | 4006 |
| 18 chrF2.496609A | G | 0.1859 | 3970 |
| 18 chrF2.496954A | G | 0.3541 | 4004 |
| 18 chrF2.497575G | A | 0.07499 | 3774 |
| 18 chrF2.498084A | G | 0.3536 | 3956 |
| 18 chrF2.498636A | G | 0.3411 | 4008 |
| 18 chrF2.499167A | G | 0.4248 | 3990 |
| 18 chrF2.499589A | G | 0.01003 | 3990 |
| 18 chrF2.499607 | 0 A | 0 | 4010 |
| 18 chrF2.501167G | A | 0.3126 | 4002 |
| 18 chrF2.501181A | G | 0.1685 | 3952 |
| 18 chrF2.501521A | G | 0.339 | 4006 |
| 18 chrF2.501958C | A | 0.2642 | 4000 |
| 18 chrF2.502352A | C | 0.2028 | 3994 |
| 18 chrF2.502694A | C | 0.06792 | 3990 |
| 18 chrF2.502934A | C | 0.3658 | 3994 |
| 18 chrF2.503417A | G | 0.2163 | 3930 |
| 18 chrF2.503855G | A | 0.08329 | 4010 |

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| 18 chrF2.504183G | A | 0.2887 | 4004 |
| 18 chrF2.504619C | A | 0.1771 | 4004 |
| 18 chrF2.505170G | A | 0.1262 | 4010 |
| 18 chrF2.505544A | G | 0.0101 | 3962 |
| 18 chrF2.505982A | C | 0.213 | 4000 |
| 18 chrF2.506268G | A | 0.1262 | 4008 |
| 18 chrF2.506510A | G | 0.1805 | 4006 |
| 18 chrF2.507076G | A | 0.185 | 3962 |
| 18 chrF2.507437A | C | 0.4025 | 3672 |
| 18 chrF2.507769A | G | 0.1596 | 4004 |
| 18 chrF2.508084G | A | 0.07336 | 3994 |
| 18 chrF2.508388A | G | 0.08412 | 4006 |
| 18 chrF2.509184A | G | 0.3286 | 4008 |
| 18 chrF2.509509A | G | 0.4666 | 3986 |
| 18 chrF2.509973A | C | 0.1564 | 3990 |
| 18 chrF2.510635G | A | 0.3223 | 3996 |
| 18 chrF2.511023A | G | 0.07921 | 4002 |
| 18 chrF2.511702G | A | 0.007754 | 3998 |
| 18 chrF2.512480G | A | 0.4262 | 3996 |
| 18 chrF2.512732C | A | 0.1434 | 4004 |
| 18 chrF2.513200G | A | 0.3648 | 3988 |
| 18 chrF2.513757A | G | 0.3128 | 4006 |
| 18 chrF2.514827A | G | 0.4737 | 3998 |
| 18 chrF2.515747G | A | 0.3219 | 3998 |
| 18 chrF2.516542A | G | 0.3532 | 3992 |
| 18 chrF2.516730 | 0 G | 0 | 4010 |
| 18 chrF2.517172G | A | 0.4325 | 4002 |
| 18 chrF2.517819G | A | 0.3903 | 3992 |
| 18 chrF2.518541A | G | 0.1261 | 4006 |
| 18 chrUn.154787G | A | 0.4826 | 3898 |
| 18 chrF2.519208A | G | 0.4432 | 3996 |
| 18 chrF2.519715A | G | 0.4494 | 4008 |
| 18 chrF2.520207A | G | 0.3213 | 3990 |
| 18 chrF2.520527A | G | 0.2943 | 3948 |
| 18 chrF2.520563A | G | 0.3605 | 4008 |
| 18 chrF2.521249G | A | 0.03069 | 4008 |
| 18 chrF2.521639A | G | 0.1979 | 4002 |
| 18 chrF2.522333G | A | 0.01897 | 4006 |
| 18 chrF2.523097A | G | 0.372 | 3930 |
| 18 chrF2.523359A | G | 0.2174 | 3832 |
| 18 chrUn.429791A | C | 0.3054 | 3992 |

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| 18 chrF2.523689 | A | G | 0.09729 | 3978 |
| 18 chrUn29.1864 | A | G | 0.002246 | 4008 |
| 18 chrUn13.853 | A | C | 0.2401 | 3998 |
| 18 chrUn13.459 | G | A | 0.4354 | 3884 |
| 18 chrUn13.754 | C | A | 0.3647 | 3984 |
| 18 chrUn13.784 | G | A | 0.2825 | 4000 |
| 18 chrUn13.115 | C | A | 0.4583 | 4006 |
| 18 chrUn13.170 | C | A | 0.452 | 4004 |
| 18 chrUn13.238 | G | A | 0.05417 | 4006 |
| 18 chrUn29.209 | G | A | 0.4419 | 3996 |
| 18 chrUn13.277 | C | A | 0.4345 | 4000 |
| 18 chrUn13.316 | A | G | 0.1964 | 4002 |
| 18 chrUn13.396 | G | A | 0.4385 | 3986 |
| 18 chrUn13.399 | A | G | 0.3976 | 3856 |
| 18 chrUn13.456 | C | A | 0.00225 | 4000 |
| 18 chrUn13.515 | C | G | 0.1944 | 3976 |
| 18 chrUn13.570 | A | G | 0.06712 | 4008 |
| 18 chrUn13.643 | C | A | 0.3136 | 4002 |
| 18 chrUn13.676 | A | G | 0.1281 | 4004 |
| 18 chrUn13.716 | C | A | 0.3619 | 3904 |
| 18 chrUn13.756 | A | G | 0.1568 | 4006 |
| 18 chrUn13.791 | A | G | 0.04488 | 3988 |
| 18 chrUn13.817 | C | G | 0.2548 | 3984 |
| 18 chrUn13.849 | A | G | 0.3145 | 3962 |
| 18 chrUn13.880 | A | C | 0.061 | 4000 |
| 18 chrUn13.905 | A | G | 0.1976 | 3958 |
| 18 chrUn13.945 | G | A | 0.2873 | 3992 |
| 18 chrUn13.103 | G | A | 0.3185 | 4000 |
| 18 chrUn13.106 | A | G | 0.0633 | 3886 |
| 18 chrUn13.115 | A | G | 0.148 | 3986 |
| 18 chrUn13.118 | C | A | 0.338 | 4000 |
| 18 chrUn13.121 | A | G | 0.2118 | 3980 |
| 18 chrUn13.124 | C | A | 0.1585 | 3980 |
| 18 chrUn13.128 | A | G | 0.1529 | 3976 |
| 18 chrUn13.132 | A | G | 0.3369 | 3998 |
| 18 chrUn13.134 | A | G | 0.487 | 3996 |
| 18 chrUn13.138 | C | A | 0.4862 | 3982 |
| 18 chrUn13.140 | C | G | 0.04304 | 3950 |
| 18 chrUn16.112 | A | G | 0.311 | 3958 |
| 18 chrUn13.156 | C | A | 0.08325 | 4000 |
| 18 chrUn13.158 | C | A | 0.1366 | 4004 |

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| 18 chrUn13.163(A | G | 0.1253 | 3872 |
| 18 chrUn13.175(A | G | 0.1447 | 3816 |
| 18 chrUn13.178(G | A | 0.2706 | 4002 |
| 18 chrUn13.186(C | A | 0.03658 | 3636 |
| 18 chrUn13.189(G | A | 0.05499 | 3946 |
| 18 chrUn13.193(G | A | 0.2316 | 3688 |
| 18 chrUn13.200(A | G | 0.006238 | 4008 |
| 18 chrUn13.204(A | C | 0.2642 | 4008 |
| 18 chrF2.524856G | A | 0.007481 | 4010 |
| 18 chrF2.525209G | A | 0.3059 | 3808 |
| 18 chrF2.525576A | G | 0.4745 | 4006 |
| 18 chrF2.525846G | A | 0.296 | 3774 |
| 18 chrF2.526234G | A | 0.2408 | 3966 |
| 18 chrF2.527026A | G | 0.1364 | 3974 |
| 18 chrF2.527497C | A | 0.3596 | 3990 |
| 18 chrF2.528015G | A | 0.2422 | 3988 |
| 18 chrF2.528701G | A | 0.1498 | 3772 |
| 18 chrF2.529256A | G | 0.1648 | 3932 |
| 18 chrF2.529524G | A | 0.2313 | 4008 |
| 18 chrF2.529763A | G | 0.02319 | 4010 |
| 18 chrF2.530014A | G | 0.2249 | 3944 |
| 18 chrUn.15076(G | A | 0.2355 | 3988 |
| 18 chrF2.530291C | A | 0.09316 | 4004 |
| 18 chrF2.530718G | A | 0.2862 | 4008 |
| 18 chrF2.531284C | A | 0.2015 | 3996 |
| 18 chrF2.531720A | G | 0.2613 | 3988 |
| 18 chrF2.532140A | G | 0.3779 | 3998 |
| 18 chrF2.532581A | C | 0.4613 | 4004 |
| 18 chrF2.532995A | G | 0.3921 | 4002 |
| 18 chrF2.533351 | 0 G | 0 | 4008 |
| 18 chrF2.533495A | G | 0.3049 | 4004 |
| 18 chrF2.534139G | A | 0.06135 | 4010 |
| 18 chrF2.534394G | A | 0.3413 | 4000 |
| 18 chrF2.534430G | A | 0.1182 | 4010 |
| 18 chrF2.535202A | C | 0.3085 | 3980 |
| 18 chrF2.535693A | C | 0.02983 | 3956 |
| 18 chrF2.536176A | G | 0.1854 | 3906 |
| 18 chrF2.536772G | A | 0.2903 | 4000 |
| 18 chrF2.537171A | G | 0.06584 | 4010 |
| 18 chrF2.538428A | G | 0.2406 | 4002 |
| 18 chrF2.538685A | G | 0.1395 | 3994 |

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| 18 chrF2.539293A | G | 0.4321 | 4004 |
| 18 chrF2.539721G | A | 0.4112 | 3988 |
| 18 chrF2.539971C | A | 0.1048 | 4006 |
| 18 chrF2.540303A | C | 0.1814 | 3980 |
| 18 chrF2.541023A | G | 0.02946 | 4006 |
| 18 chrF2.541089C | A | 0.2039 | 4006 |
| 18 chrF2.541473A | G | 0.4952 | 3994 |
| 18 chrF2.541754A | G | 0.2314 | 4006 |
| 18 chrF2.542075A | G | 0.2917 | 4000 |
| 18 chrF2.542328G | A | 0.08092 | 4004 |
| 18 chrF2.543078G | A | 0.3882 | 3990 |
| 18 chrF2.543317A | G | 0.2879 | 3998 |
| 18 chrF2.544076A | G | 0.2444 | 4002 |
| 18 chrF2.544722A | G | 0.1675 | 4000 |
| 18 chrF2.545079A | G | 0.07268 | 4004 |
| 18 chrF2.545383G | A | 0.1107 | 3976 |
| 18 chrF2.546154A | G | 0.4667 | 3998 |
| 18 chrF2.546462C | A | 0.4551 | 3940 |
| 18 chrF2.546744A | C | 0.4827 | 3994 |
| 18 chrF2.547134G | A | 0.1889 | 4008 |
| 18 chrF2.547528A | G | 0.361 | 4000 |
| 18 chrF2.547779A | G | 0.05944 | 3920 |
| 18 chrF2.548057G | A | 0.1914 | 3928 |
| 18 chrF2.548340A | C | 0.4186 | 3930 |
| 18 chrF2.548711A | C | 0.2711 | 4002 |
| 18 chrF2.549297A | G | 0.2492 | 3992 |
| 18 chrF2.549525A | G | 0.05966 | 4006 |
| 18 chrF2.550119G | A | 0.481 | 3944 |
| 18 chrF2.550713A | G | 0.348 | 4000 |
| 18 chrF2.550954G | A | 0.1541 | 3860 |
| 18 chrF2.551325G | A | 0.163 | 4006 |
| 18 chrF2.551841C | A | 0.3505 | 3994 |
| 18 chrF2.552170A | G | 0.2174 | 4006 |
| 18 chrF2.552536A | G | 0.1752 | 4006 |
| 18 chrF2.553213G | A | 0.4215 | 3862 |
| 18 chrF2.553475G | A | 0.2271 | 3866 |
| 18 chrF2.553632A | G | 0.2025 | 4000 |
| 18 chrF2.554360G | A | 0.3214 | 3992 |
| 18 chrF2.555025G | A | 0.2123 | 3966 |
| 18 chrF2.555323A | G | 0.1385 | 4000 |
| 18 chrF2.555673G | A | 0.2837 | 3976 |

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| 18 chrF2.555944A | G | 0.4673 | 4002 |
| 18 chrF2.55636C A | G | 0.1543 | 3978 |
| 18 chrF2.557555A | G | 0.4327 | 3920 |
| 18 chrF2.55795C G | A | 0.385 | 3964 |
| 18 chrF2.55821C G | A | 0.09639 | 3994 |
| 18 chrF2.558607A | G | 0.202 | 3990 |
| 18 chrF2.558966A | G | 0.2513 | 3976 |
| 18 chrF2.559534A | G | 0.07375 | 3878 |
| 18 chrF2.559843A | G | 0.1673 | 3986 |
| 18 chrF2.560208G | A | 0.09745 | 4002 |
| 18 chrF2.56058C A | G | 0.1052 | 3954 |
| 18 chrF2.561204G | A | 0.3589 | 3934 |
| 18 chrF2.561689A | G | 0.1229 | 3972 |
| 18 chrF2.562515A | G | 0.04888 | 4010 |
| 18 chrF2.563091C | A | 0.3001 | 3976 |
| 18 chrF2.563305A | G | 0.03989 | 3836 |
| 18 chrF2.56379C A | G | 0.08837 | 4006 |
| 18 chrF2.56514C G | A | 0.3741 | 3988 |
| 18 chrUn.70565(G | A | 0.2057 | 3952 |
| 18 chrF2.565521A | G | 0.04221 | 4004 |
| 18 chrF2.565993A | G | 0.1495 | 4006 |
| 18 chrF2.566802G | A | 0.138 | 3992 |
| 18 chrF2.567644C | A | 0.438 | 3934 |
| 18 chrF2.568171A | G | 0.1938 | 3998 |
| 18 chrF2.568238C | A | 0.1961 | 3962 |
| 18 chrF2.568605A | C | 0.4668 | 4004 |
| 18 chrF2.569144G | A | 0.1209 | 3996 |
| 18 chrF2.56972C G | A | 0.296 | 4010 |
| 18 chrF2.570357A | G | 0.1548 | 3980 |
| 18 chrF2.570644A | G | 0.2756 | 4006 |
| 18 chrF2.571019A | G | 0.2357 | 3958 |
| 18 chrF2.571932A | G | 0.144 | 4006 |
| 18 chrF2.572325A | G | 0.06702 | 3954 |
| 18 chrF2.572581G | A | 0.1173 | 3912 |
| 18 chrF2.572846A | G | 0.2774 | 3972 |
| 18 chrF2.573212G | A | 0.41 | 3922 |
| 18 chrF2.573819G | A | 0.05263 | 3990 |
| 18 chrF2.574122A | G | 0.2443 | 4004 |
| 18 chrF2.57497C A | G | 0.2302 | 3866 |
| 18 chrF2.575344G | A | 0.2211 | 4002 |
| 18 chrF2.57571C C | A | 0.1411 | 3996 |

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| 18 chrF2.576152A | G | 0.277 | 3996 |
| 18 chrF2.576439C | A | 0.409 | 3976 |
| 18 chrF2.577071G | A | 0.38 | 3982 |
| 18 chrF2.577745G | A | 0.1415 | 4006 |
| 18 chrF2.578053A | C | 0.3046 | 4008 |
| 18 chrF2.578502A | G | 0.3236 | 3996 |
| 18 chrF2.579253G | A | 0.3312 | 3998 |
| 18 chrF2.579676A | G | 0.4578 | 4004 |
| 18 chrF2.579951C | A | 0.3367 | 3998 |
| 18 chrF2.580512A | G | 0.4082 | 3998 |
| 18 chrF2.581328A | G | 0.2352 | 3966 |
| 18 chrF2.581408G | A | 0.3699 | 3996 |
| 18 chrF2.581574A | G | 0.1567 | 4008 |
| 18 chrF2.581846A | C | 0.1784 | 3992 |
| 18 chrUn.24580A | G | 0.4934 | 3956 |
| 18 chrF2.582602A | G | 0.05112 | 4010 |
| 18 chrF2.582964A | C | 0.2296 | 3994 |
| 18 chrF2.583263A | G | 0.2812 | 3976 |
| 18 chrF2.583539G | A | 0.2065 | 3996 |
| 18 chrF2.583825A | G | 0.4371 | 4004 |
| 18 chrF2.584184C | A | 0.0002495 | 4008 |
| 18 chrF2.584513A | G | 0.1702 | 3814 |
| 18 chrF2.585176G | A | 0.4793 | 3960 |
| 18 chrF2.585622G | A | 0.2454 | 3982 |
| 18 chrF2.585953G | A | 0.3444 | 4004 |
| 18 chrF2.586397C | A | 0.2037 | 4000 |
| 18 chrF2.587413G | A | 0.4101 | 4004 |
| 18 chrF2.587697A | C | 0.07479 | 3998 |
| 18 chrF2.587947G | A | 0.1468 | 4006 |
| 18 chrF2.588655G | A | 0.1492 | 4002 |
| 18 chrUn.27444A | G | 0.4893 | 4004 |
| 18 chrF2.588963A | G | 0.2576 | 3994 |
| 18 chrF2.589388G | A | 0.4141 | 3994 |
| 18 chrF2.589730C | A | 0.107 | 3980 |
| 18 chrF2.590487G | A | 0.103 | 4000 |
| 18 chrF2.590727A | G | 0.2408 | 3974 |
| 18 chrF2.591034A | G | 0.3651 | 4002 |
| 18 chrF2.591272A | G | 0.05053 | 3602 |
| 18 chrF2.591277G | A | 0.0002495 | 4008 |
| 18 chrF2.592371A | G | 0.2966 | 4006 |
| 18 chrF2.592734A | G | 0.2639 | 3858 |

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| 18 chrF2.59330C | G | A | 0.098 | 4000 |
| 18 chrF2.593953 | A | G | 0.1291 | 4004 |
| 18 chrF2.594539 | G | A | 0.2959 | 4002 |
| 18 chrF2.595023 | G | A | 0.1701 | 4004 |
| 18 chrF2.59555C | A | C | 0.05492 | 4006 |
| 18 chrF2.59614C | G | A | 0.05736 | 4010 |
| 18 chrF2.596594 | G | A | 0.1737 | 4006 |
| 18 chrF2.597012 | G | A | 0.4883 | 4002 |
| 18 chrF2.597578 | G | A | 0.1879 | 3996 |
| 18 chrF2.597967 | A | G | 0.1324 | 3996 |
| 18 chrF2.598383 | A | G | 0.1983 | 3974 |
| 18 chrF2.598637 | A | G | 0.134 | 3984 |
| 18 chrF2.599045 | G | A | 0.1672 | 4002 |
| 18 chrF2.599465 | A | G | 0.1104 | 4004 |
| 18 chrF2.60006C | A | G | 0.05362 | 4010 |
| 18 chrF2.60044C | A | C | 0.1195 | 3982 |
| 18 chrX.610819 | A | G | 0.2025 | 3986 |
| 18 chrF2.600721 | A | C | 0.188 | 3984 |
| 18 chrF2.601373 | A | G | 0.2413 | 3974 |
| 18 chrF2.601698 | A | G | 0.1707 | 3932 |
| 18 chrF2.60194C | A | G | 0.4913 | 4000 |
| 18 chrF2.602514 | A | G | 0.01125 | 3912 |
| 18 chrF2.602843 | G | A | 0.4938 | 4006 |
| 18 chrF2.60306 | A | G | 0.07279 | 3984 |
| 18 chrF2.60369 | C | A | 0.0545 | 4000 |
| 18 chrF2.604094 | A | C | 0.3211 | 3990 |
| 18 chrF2.604539 | A | G | 0.1912 | 3808 |
| 18 chrF2.604858 | G | A | 0.1067 | 3992 |
| 18 chrF2.605413 | G | A | 0.1718 | 3888 |
| 18 chrF2.605927 | C | A | 0.07843 | 3978 |
| 18 chrF2.606364 | A | G | 0.1993 | 4000 |
| 18 chrF2.606678 | G | A | 0.2056 | 3988 |
| 18 chrF2.607459 | C | A | 0.2132 | 3964 |
| 18 chrF2.607694 | | 0 G | 0 | 4008 |
| 18 chrF2.607807 | A | G | 0.488 | 3996 |
| 18 chrF2.608161 | A | C | 0.07396 | 4002 |
| 18 chrF2.608574 | G | A | 0.291 | 3990 |
| 18 chrF2.608881 | A | G | 0.4415 | 3980 |
| 18 chrF2.609128 | A | G | 0.1156 | 3998 |
| 18 chrF2.609422 | A | G | 0.2035 | 3990 |
| 18 chrUn.26141 | C | A | 0.247 | 3988 |

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| 18 chrF2.609869G | A | 0.2015 | 4000 |
| 18 chrF2.610111A | G | 0.2323 | 4008 |
| 18 chrF2.610796G | A | 0.4237 | 3996 |
| 18 chrF2.611313C | A | 0.1897 | 4002 |
| 18 chrF2.611759C | A | 0.3259 | 3964 |
| 18 chrF2.612050A | G | 0.3144 | 4004 |
| 18 chrF2.612376G | A | 0.2767 | 3968 |
| 18 chrF2.612666G | A | 0.2943 | 3986 |
| 18 chrF2.612775A | G | 0.1905 | 3948 |
| 18 chrF2.613063G | A | 0.3849 | 3926 |
| 18 chrF2.613434C | A | 0.323 | 4000 |
| 18 chrF2.613959A | G | 0.3419 | 4004 |
| 18 chrF2.614357A | G | 0.05492 | 4006 |
| 18 chrF2.614942G | A | 0.4321 | 3994 |
| 18 chrF2.615272A | G | 0.07114 | 3950 |
| 18 chrF2.615591G | A | 0.3581 | 3896 |
| 18 chrF2.616028G | A | 0.2002 | 3992 |
| 18 chrF2.616316A | G | 0.1427 | 3784 |
| 18 chrF2.616872G | A | 0.2266 | 3998 |
| 18 chrF2.617138G | A | 0.3191 | 3992 |
| 18 chrUn.54728(A | G | 0.4005 | 4000 |
| 18 chrF2.617438A | G | 0.1723 | 3992 |
| 18 chrF2.618029A | G | 0.3142 | 3988 |
| 18 chrF2.618394A | G | 0.3138 | 4006 |
| 18 chrF2.618674G | A | 0.1083 | 3970 |
| 18 chrF2.619117A | C | 0.148 | 3994 |
| 18 chrF2.619968A | C | 0.145 | 3978 |
| 18 chrF2.620427A | G | 0.03194 | 4008 |
| 18 chrF2.620777G | A | 0.2585 | 4004 |
| 18 chrF2.622082C | A | 0.3106 | 3970 |
| 18 chrF2.622552A | G | 0.3261 | 3974 |
| 18 chrF2.623027A | G | 0.1412 | 4000 |
| 18 chrF2.623607G | A | 0.3218 | 3996 |
| 18 chrUn.52527(G | A | 0.2932 | 3970 |
| 18 chrF2.624335G | A | 0.02313 | 3934 |
| 18 chrF2.624993A | G | 0.1447 | 3974 |
| 18 chrF2.625405C | A | 0.3247 | 4004 |
| 18 chrF2.625739G | A | 0.2592 | 4000 |
| 18 chrF2.626351A | G | 0.4383 | 3968 |
| 18 chrF2.626982A | G | 0.1969 | 4008 |
| 18 chrF2.627231A | G | 0.4805 | 4006 |

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| 18 chrF2.627585A | G | 0.2431 | 3974 |
| 18 chrF2.628225G | A | 0.2035 | 4004 |
| 18 chrF2.628478A | C | 0.2362 | 3972 |
| 18 chrF2.628965G | A | 0.2615 | 3832 |
| 18 chrF2.629294A | G | 0.003245 | 4006 |
| 18 chrF2.630029A | G | 0.005268 | 3986 |
| 18 chrF2.630360A | C | 0.1251 | 3998 |
| 18 chrF2.630906G | A | 0.4315 | 4000 |
| 18 chrF2.631170C | A | 0.1325 | 4008 |
| 18 chrF2.631458A | G | 0.1486 | 4010 |
| 18 chrB2.174504A | G | 0.3732 | 3974 |
| 18 chrF2.631701G | A | 0.08826 | 3988 |
| 18 chrF2.632742G | A | 0.183 | 3994 |
| 18 chrF2.633082A | G | 0.1523 | 3932 |
| 18 chrF2.633466A | G | 0.2497 | 3980 |
| 18 chrF2.633750C | A | 0.153 | 3988 |
| 18 chrF2.634483G | A | 0.2805 | 3996 |
| 18 chrF2.634939A | G | 0.4945 | 3840 |
| 18 chrF2.635190C | A | 0.05756 | 3996 |
| 18 chrF2.635704C | A | 0.1447 | 3918 |
| 18 chrF2.635997A | C | 0.3339 | 3624 |
| 18 chrF2.636096G | A | 0.4373 | 3988 |
| 18 chrF2.636377A | G | 0.02392 | 3930 |
| 18 chrF2.636706C | A | 0.000499 | 4008 |
| 18 chrF2.637060A | G | 0.1115 | 3972 |
| 18 chrF2.637307A | G | 0.4235 | 3988 |
| 18 chrF2.637582C | A | 0.1632 | 3916 |
| 18 chrF2.637981A | G | 0.4135 | 3758 |
| 18 chrF2.638378G | A | 0.1387 | 3908 |
| 18 chrF2.638688G | A | 0.2439 | 4002 |
| 18 chrF2.639083G | A | 0.03776 | 3946 |
| 18 chrF2.639325A | C | 0.2276 | 3818 |
| 18 chrF2.639774A | G | 0.2816 | 3934 |
| 18 chrF2.640233G | A | 0.1611 | 3998 |
| 18 chrF2.640656A | G | 0.321 | 3854 |
| 18 chrF2.641084G | A | 0.1379 | 4004 |
| 18 chrF2.641374A | G | 0.1531 | 4004 |
| 18 chrF2.641627A | G | 0.4435 | 4000 |
| 18 chrUn.66376! | 0 G | 0 | 3992 |
| 18 chrF2.641987A | G | 0.1332 | 3986 |
| 18 chrF2.642360C | A | 0.2165 | 3996 |

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| 18 chrF2.642865 A | G | 0.3648 | 3978 |
| 18 chrF2.643843 G | A | 0.2525 | 3968 |
| 18 chrF2.644684 G | A | 0.168 | 3970 |
| 18 chrF2.645072 A | G | 0.274 | 3934 |
| 18 chrUn.40139 G | A | 0.4794 | 3982 |
| 18 chrF2.646250 A | G | 0.4737 | 3768 |
| 18 chrF2.646547 G | A | 0.0288 | 3924 |
| 18 chrF2.647274 G | A | 0.1626 | 3998 |
| 18 chrF2.647249 G | A | 0.1598 | 4004 |
| 18 chrF2.648241 A | G | 0.4103 | 3980 |
| 18 chrF2.648581 A | G | 0.1427 | 3902 |
| 18 chrF2.648867 A | G | 0.2087 | 3824 |
| 18 chrF2.649187 G | A | 0.4343 | 3986 |
| 18 chrF2.649731 A | G | 0.2979 | 3978 |
| 18 chrF2.649984 | 0 C | 0 | 4010 |
| 18 chrF2.650691 A | G | 0.2475 | 3980 |
| 18 chrF2.651547 A | G | 0.1826 | 3922 |
| 18 chrF2.653122 A | G | 0.1238 | 4000 |
| 18 chrF2.653532 A | G | 0.2603 | 3946 |
| 18 chrF2.653954 C | A | 0.1691 | 3932 |
| 18 chrF2.654179 A | G | 0.1291 | 4004 |
| 18 chrF2.655146 A | G | 0.2238 | 3990 |
| 18 chrF2.655729 G | A | 0.4266 | 3994 |
| 18 chrF2.655981 A | G | 0.1826 | 3982 |
| 18 chrF2.656658 A | G | 0.1035 | 3990 |
| 18 chrF2.657131 A | G | 0.3103 | 3922 |
| 18 chrF2.657852 G | A | 0.132 | 4000 |
| 18 chrF2.658267 A | G | 0.1522 | 4008 |
| 18 chrF2.658513 A | G | 0.1671 | 3968 |
| 18 chrF2.658755 A | G | 0.3202 | 3982 |
| 18 chrF2.659689 A | G | 0.2496 | 4002 |
| 18 chrF2.660055 A | G | 0.1221 | 3866 |
| 18 chrUn.57994 G | A | 0.333 | 3748 |
| 18 chrF2.660452 A | G | 0.3088 | 3964 |
| 18 chrF2.660781 G | A | 0.2815 | 3958 |
| 18 chrF2.661050 A | G | 0.4733 | 3968 |
| 18 chrA1.30375 G | A | 0.3423 | 4002 |
| 18 chrF2.662584 A | G | 0.446 | 3908 |
| 18 chrF2.662998 A | C | 0.1019 | 3966 |
| 18 chrUn.56711 A | G | 0.09965 | 4004 |
| 18 chrF2.663599 G | A | 0.0996 | 4006 |

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| 18 chrF2.663824A | G | 0.001747 | 4008 |
| 18 chrF2.664808A | G | 0.2287 | 3988 |
| 18 chrF2.665197A | C | 0.2966 | 3988 |
| 18 chrF2.665524A | G | 0.2298 | 4000 |
| 18 chrF2.666558A | G | 0.3178 | 3984 |
| 18 chrF2.666805A | G | 0.1577 | 4002 |
| 18 chrF2.667683A | G | 0.127 | 4000 |
| 18 chrF2.667973C | A | 0.4712 | 4000 |
| 18 chrF2.668278G | A | 0.07712 | 3968 |
| 18 chrF2.669003A | G | 0.07794 | 3990 |
| 18 chrF2.669240G | A | 0.1429 | 3870 |
| 18 chrF2.669925G | A | 0.4381 | 4004 |
| 18 chrF2.670183A | G | 0.1687 | 4006 |
| 18 chrF2.670472A | G | 0.2884 | 3994 |
| 18 chrUn.46030(A | G | 0.2067 | 3918 |
| 18 chrF2.671092A | G | 0.1135 | 4000 |
| 18 chrF2.671275G | A | 0.0004993 | 4006 |
| 18 chrF2.671763A | G | 0.1553 | 3954 |
| 18 chrF2.672405G | A | 0.2215 | 4004 |
| 18 chrF2.672784G | A | 0.1222 | 3984 |
| 18 chrF2.673405C | A | 0.09266 | 4004 |
| 18 chrF2.674097A | C | 0.2303 | 3994 |
| 18 chrF2.674745A | G | 0.03326 | 3848 |
| 18 chrF2.675104A | G | 0.2943 | 3846 |
| 18 chrF2.675750A | G | 0.0509 | 4008 |
| 18 chrF2.676223G | A | 0.04348 | 3956 |
| 18 chrF2.677130A | G | 0.37 | 3976 |
| 18 chrUn.74415(A | C | 0.004038 | 3962 |
| 18 chrF2.677382G | A | 0.4303 | 4002 |
| 18 chrF2.678072A | G | 0.4975 | 3956 |
| 18 chrF2.678549A | C | 0.05247 | 4002 |
| 18 chrF2.679032G | A | 0.3136 | 3980 |
| 18 chrF2.679328G | A | 0.01072 | 4010 |
| 18 chrF2.679817G | A | 0.001253 | 3990 |
| 18 chrF2.680075A | G | 0.1871 | 3956 |
| 18 chrF2.681360G | A | 0.005864 | 3922 |
| 18 chrF2.681797G | A | 0.3058 | 4000 |
| 18 chrF2.682181A | G | 0.1793 | 3926 |
| 18 chrF2.682636C | A | 0.3128 | 4002 |
| 18 chrF2.682919A | C | 0.3595 | 3958 |
| 18 chrF2.683271A | C | 0.08791 | 4004 |

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| 18 chrF2.683635G | A | 0.3022 | 4004 |
| 18 chrF2.683729C | A | 0.3015 | 4006 |
| 18 chrF2.684136A | G | 0.2343 | 4004 |
| 18 chrF2.684493A | C | 0.2725 | 3652 |
| 18 chrF2.685266G | A | 0.3015 | 3934 |
| 18 chrF2.685725A | G | 0.3506 | 4002 |
| 18 chrF2.685966A | G | 0.1485 | 4000 |
| 18 chrF2.686273A | C | 0.04173 | 4002 |
| 18 chrF2.686692A | G | 0.2941 | 3836 |
| 18 chrF2.687007A | G | 0.09291 | 4004 |
| 18 chrF2.687516G | A | 0.4661 | 3988 |
| 18 chrF2.687842A | G | 0.00674 | 4006 |
| 18 chrF2.688799A | G | 0.3881 | 3996 |
| 18 chrF2.689177G | A | 0.1708 | 3906 |
| 18 chrF2.689473A | G | 0.2697 | 3986 |
| 18 chrF2.689991G | A | 0.112 | 3982 |
| 18 chrF2.690369G | A | 0.4295 | 3998 |
| 18 chrF2.690448A | G | 0.0007508 | 3996 |
| 18 chrF2.690722A | G | 0.05556 | 3978 |
| 18 chrE3.401665A | G | 0.4235 | 3998 |
| 18 chrF2.691012A | C | 0.4472 | 3882 |
| 18 chrF2.691494G | A | 0.4912 | 3982 |
| 18 chrF2.692181G | A | 0.2281 | 3998 |
| 18 chrF2.693146G | A | 0.1223 | 3940 |
| 18 chrF2.693808A | G | 0.05287 | 4010 |
| 18 chrF2.694079A | G | 0.2359 | 3938 |
| 18 chrF2.694524G | A | 0.3709 | 3990 |
| 18 chrF2.695031A | G | 0.4963 | 4002 |
| 18 chrF2.696149C | A | 0.008487 | 4006 |
| 18 chrF2.696591A | C | 0.246 | 3996 |
| 18 chrF2.696923G | A | 0.1221 | 3988 |
| 18 chrF2.697177A | G | 0.1493 | 3938 |
| 18 chrF2.697544A | G | 0.04714 | 3988 |
| 18 chrF2.697937C | A | 0.2949 | 4008 |
| 18 chrF2.698520A | G | 0.1362 | 3796 |
| 18 chrF2.699041A | G | 0.1301 | 3858 |
| 18 chrF2.699432A | G | 0.1073 | 4008 |
| 18 chrF2.699568G | A | 0.0866 | 3984 |
| 18 chrF2.700236C | A | 0.403 | 3916 |
| 18 chrF2.700523G | A | 0.4802 | 3984 |
| 18 chrF2.700779G | A | 0.492 | 3992 |

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| 18 chrF2.701312G | A | 0.2016 | 3988 |
| 18 chrF2.702026A | G | 0.3498 | 3994 |
| 18 chrF2.702576 | 0 G | 0 | 4010 |
| 18 chrF2.703145G | A | 0.3009 | 3992 |
| 18 chrF2.703812A | C | 0.0007481 | 4010 |
| 18 chrF2.704253A | C | 0.08821 | 4002 |
| 18 chrF2.704739A | C | 0.4873 | 3714 |
| 18 chrF2.705238A | G | 0.2299 | 4006 |
| 18 chrF2.705585G | A | 0.2094 | 3982 |
| 18 chrF2.705940A | G | 0.1826 | 3998 |
| 18 chrF2.706283G | A | 0.2687 | 3926 |
| 18 chrF2.706758A | G | 0.05472 | 4002 |
| 18 chrF2.707166A | G | 0.0355 | 4000 |
| 18 chrF2.707523G | A | 0.01699 | 4002 |
| 18 chrF2.707921G | A | 0.4913 | 4000 |
| 18 chrF2.708965A | G | 0.3109 | 3834 |
| 18 chrF2.709216G | A | 0.4692 | 3996 |
| 18 chrF2.709536G | A | 0.4387 | 3978 |
| 18 chrF2.709846C | A | 0.08763 | 3914 |
| 18 chrF2.710355C | A | 0.4087 | 3978 |
| 18 chrF2.710859G | A | 0.3057 | 3998 |
| 18 chrF2.711397A | G | 0.1278 | 4006 |
| 18 chrF2.711719A | G | 0.2522 | 3882 |
| 18 chrF2.711927 | 0 G | 0 | 4010 |
| 18 chrF2.713966G | A | 0.1007 | 4002 |
| 18 chrUn.164791A | G | 0.325 | 3966 |
| 18 chrF2.714431A | G | 0.2194 | 4002 |
| 18 chrF2.714848G | A | 0.4107 | 3964 |
| 18 chrF2.715332A | G | 0.1492 | 4000 |
| 18 chrF2.716000A | G | 0.09311 | 3684 |
| 18 chrUn.502411A | G | 0.002004 | 3992 |
| 18 chrF2.716338A | G | 0.005338 | 3934 |
| 18 chrF2.716780A | G | 0.4973 | 4006 |
| 18 chrF2.717127G | A | 0.4576 | 3982 |
| 18 chrF2.717706G | A | 0.1842 | 4000 |
| 18 chrF2.717946G | A | 0.01547 | 4008 |
| 18 chrF2.719528A | C | 0.298 | 4000 |
| 18 chrF2.719941A | G | 0.07665 | 3640 |
| 18 chrF2.720802A | G | 0.05355 | 3996 |
| 18 chrF2.721098A | G | 0.02677 | 3624 |
| 18 chrF2.721515A | G | 0.2099 | 3930 |

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| 18 chrF2.721701A | G | 0.4424 | 3994 |
| 18 chrF2.722355A | C | 0.4468 | 4004 |
| 18 chrF2.722779A | G | 0.2791 | 3988 |
| 18 chrF2.723049C | A | 0.1637 | 4002 |
| 18 chrF2.723330A | G | 0.2063 | 4004 |
| 18 chrF2.723609A | G | 0.2367 | 3832 |
| 18 chrF2.723894G | A | 0.02353 | 3868 |
| 18 chrF2.724323G | A | 0.2047 | 4000 |
| 18 chrF2.724718C | A | 0.4792 | 3992 |
| 18 chrF2.725079G | A | 0.2251 | 3998 |
| 18 chrF2.725560A | G | 0.05296 | 3984 |
| 18 chrF2.726120G | A | 0.2835 | 3954 |
| 18 chrF2.726807A | G | 0.09191 | 4004 |
| 18 chrF2.727444A | G | 0.271 | 3992 |
| 18 chrF2.728337A | G | 0.008158 | 3800 |
| 18 chrF2.728718A | C | 0.3322 | 3982 |
| 18 chrF2.729524A | C | 0.2019 | 4002 |
| 18 chrF2.729934A | G | 0.394 | 3990 |
| 18 chrF2.730003G | A | 0.1607 | 3996 |
| 18 chrF2.730375A | C | 0.1515 | 4006 |
| 18 chrF2.730840G | A | 0.04788 | 4010 |
| 18 chrF2.731208C | A | 0.08371 | 4002 |
| 18 chrF2.731661A | G | 0.4737 | 3986 |
| 18 chrF2.732633A | G | 0.06672 | 3942 |
| 18 chrF2.733272G | A | 0.4739 | 3676 |
| 18 chrF2.734236G | A | 0.3662 | 3998 |
| 18 chrF2.735129A | G | 0.06653 | 3998 |
| 18 chrF2.735372A | G | 0.4804 | 3920 |
| 18 chrF2.736590C | A | 0.2216 | 3998 |
| 18 chrF2.737012A | G | 0.1525 | 3960 |
| 18 chrF2.737315A | G | 0.2699 | 3994 |
| 18 chrF2.737917G | A | 0.186 | 3958 |
| 18 chrF2.738494G | A | 0.1594 | 3996 |
| 18 chrF2.738538A | C | 0.4897 | 3978 |
| 18 chrF2.739157G | A | 0.04623 | 4002 |
| 18 chrF2.739515G | A | 0.3271 | 3984 |
| 18 chrF2.739951A | C | 0.3285 | 3994 |
| 18 chrF2.740318A | G | 0.3464 | 3998 |
| 18 chrF2.740679A | G | 0.1427 | 3644 |
| 18 chrF2.741452A | G | 0.109 | 4008 |
| 18 chrF2.741727C | A | 0.1945 | 3872 |

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| 18 chrF2.742202A | G | 0.142 | 4008 |
| 18 chrF2.742282G | A | 0.1137 | 3976 |
| 18 chrF2.742624A | G | 0.3961 | 4002 |
| 18 chrF2.743395C | A | 0.07441 | 3790 |
| 18 chrF2.744255A | G | 0.1183 | 3972 |
| 18 chrF2.744523A | G | 0.0404 | 3960 |
| 18 chrF2.745054A | G | 0.02394 | 4010 |
| 18 chrF2.745658C | A | 0.4652 | 3996 |
| 18 chrF2.745986G | A | 0.4561 | 3828 |
| 18 chrF2.746340G | A | 0.3075 | 4006 |
| 18 chrF2.746758A | G | 0.2506 | 3994 |
| 18 chrF2.747211A | C | 0.3761 | 4002 |
| 18 chrF2.747627A | G | 0.0985 | 4010 |
| 18 chrF2.747991G | A | 0.2505 | 3996 |
| 18 chrF2.748616A | C | 0.2476 | 4002 |
| 18 chrF2.748949A | G | 0.3194 | 3964 |
| 18 chrF2.749452A | G | 0.3622 | 4006 |
| 18 chrF2.750215G | A | 0.1016 | 3946 |
| 18 chrF2.750380A | G | 0.1034 | 3954 |
| 18 chrF2.751286A | G | 0.09474 | 3990 |
| 18 chrF2.751596A | C | 0.04511 | 3990 |
| 18 chrF2.752160C | A | 0.1355 | 4008 |
| 18 chrF2.752680A | C | 0.09293 | 3960 |
| 18 chrF2.753264A | G | 0.0337 | 4006 |
| 18 chrF2.753853G | A | 0.2325 | 4000 |
| 18 chrF2.754230G | A | 0.2731 | 4002 |
| 18 chrF2.755211C | A | 0.2669 | 4002 |
| 18 chrF2.755529G | A | 0.08834 | 3996 |
| 18 chrF2.756026A | G | 0.4263 | 3948 |
| 18 chrF2.756707G | A | 0.4117 | 3964 |
| 18 chrF2.757046G | A | 0.02196 | 4008 |
| 18 chrF2.757575A | G | 0.4827 | 3990 |
| 18 chrF2.758649A | G | 0.3441 | 3984 |
| 18 chrF2.758923A | G | 0.4169 | 3994 |
| 18 chrF2.760376G | A | 0.09312 | 3984 |
| 18 chrF2.760641A | G | 0.1322 | 3994 |
| 18 chrF2.761100A | G | 0.3978 | 3806 |
| 18 chrF2.761400A | G | 0.4385 | 4002 |
| 18 chrF2.761820A | G | 0.07414 | 4006 |
| 18 chrF2.762006G | A | 0.0005033 | 3974 |
| 18 chrF2.762502A | G | 0.3216 | 3992 |

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| 18 chrF2.763279G | A | 0.1578 | 3998 |
| 18 chrF2.763897G | A | 0.2893 | 4000 |
| 18 chrF2.764471A | G | 0.1128 | 3988 |
| 18 chrF2.764780G | A | 0.3963 | 3888 |
| 18 chrF2.766268A | C | 0.1063 | 3848 |
| 18 chrF2.766919G | A | 0.1746 | 3998 |
| 18 chrF2.767313A | G | 0.4847 | 3994 |
| 18 chrF2.767720A | G | 0.2292 | 4006 |
| 18 chrF2.768082A | G | 0.4277 | 3998 |
| 18 chrF2.768905C | A | 0.0452 | 4004 |
| 18 chrF2.769275A | G | 0.1904 | 3986 |
| 18 chrF2.769915A | G | 0.05092 | 4006 |
| 18 chrF2.770190G | A | 0.386 | 3992 |
| 18 chrF2.770460 | 0 A | 0 | 4010 |
| 18 chrF2.770615A | G | 0.1874 | 4002 |
| 18 chrF2.771131G | A | 0.4588 | 3978 |
| 18 chrF2.771436C | A | 0.4621 | 3980 |
| 18 chrF2.772361A | G | 0.4505 | 3996 |
| 18 chrF2.772901A | G | 0.3089 | 4008 |
| 18 chrF2.773392G | A | 0.1802 | 4006 |
| 18 chrF2.773970G | A | 0.4034 | 3996 |
| 18 chrF2.774343A | G | 0.3602 | 3992 |
| 18 chrF2.774671G | A | 0.1373 | 4006 |
| 18 chrF2.774924G | A | 0.4533 | 4004 |
| 18 chrF2.775546C | A | 0.2096 | 3932 |
| 18 chrF2.776467G | A | 0.4403 | 3984 |
| 18 chrF2.778735C | A | 0.2885 | 3920 |
| 18 chrF2.779361C | A | 0.2748 | 4006 |
| 18 chrF2.779779G | A | 0.192 | 3990 |
| 18 chrF2.780099A | G | 0.1149 | 3996 |
| 18 chrF2.780830G | A | 0.2569 | 3912 |
| 18 chrF2.781096 | 0 A | 0 | 4010 |
| 18 chrF2.781371A | C | 0.2761 | 3998 |
| 18 chrF2.781978A | G | 0.09434 | 3996 |
| 18 chrF2.782466A | G | 0.4308 | 3972 |
| 18 chrF2.782961G | A | 0.3703 | 3864 |
| 18 chrF2.783568G | A | 0.1122 | 4010 |
| 18 chrF2.784051G | A | 0.003744 | 4006 |
| 18 chrF2.784608A | G | 0.09631 | 4008 |
| 18 chrF2.784741A | G | 0.2286 | 3968 |
| 18 chrUn.65434A | G | 0.3011 | 3992 |

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| 18 chrF2.784904G | A | 0.2901 | 4002 |
| 18 chrF2.785155A | G | 0.3152 | 3982 |
| 18 chrF2.785423A | G | 0.1649 | 4008 |
| 18 chrF2.785797A | G | 0.09225 | 4000 |
| 18 chrF2.786046A | G | 0.03817 | 4008 |
| 18 chrF2.786708A | C | 0.4068 | 3972 |
| 18 chrF2.786849A | G | 0.1426 | 3948 |
| 18 chrF2.786947G | A | 0.1499 | 4004 |
| 18 chrF2.787458A | G | 0.412 | 3990 |
| 18 chrF2.787694G | A | 0.08554 | 3998 |
| 18 chrF2.788154A | C | 0.08944 | 3712 |
| 18 chrF2.788493A | G | 0.06487 | 4008 |
| 18 chrF2.789102G | A | 0.08813 | 3926 |
| 18 chrF2.789624G | A | 0.1384 | 3938 |
| 18 chrF2.789862A | G | 0.2995 | 3996 |
| 18 chrF2.790446A | G | 0.3966 | 3966 |
| 18 chrF2.791120A | G | 0.05684 | 3994 |
| 18 chrF2.791407A | G | 0.05215 | 4008 |
| 18 chrF2.791839G | A | 0.3222 | 3994 |
| 18 chrF2.792619A | G | 0.2744 | 4002 |
| 18 chrF2.793061A | G | 0.1042 | 3994 |
| 18 chrF2.793625A | G | 0.1527 | 4002 |
| 18 chrF2.794168A | G | 0.2229 | 3998 |
| 18 chrF2.795494A | C | 0.219 | 3986 |
| 18 chrF2.796052G | A | 0.4283 | 3988 |
| 18 chrF2.796661A | C | 0.3843 | 4002 |
| 18 chrF2.797024A | G | 0.169 | 3952 |
| 18 chrF2.797266A | G | 0.2033 | 3954 |
| 18 chrF2.797879A | G | 0.4327 | 3970 |
| 18 chrF2.798253A | G | 0.4843 | 3950 |
| 18 chrF2.798666A | G | 0.3071 | 3934 |
| 18 chrF2.799148G | A | 0.4922 | 3998 |
| 18 chrF2.799662A | G | 0.1693 | 3964 |
| 18 chrF2.799957G | A | 0.48 | 3994 |
| 18 chrF2.800242G | A | 0.07318 | 3826 |
| 18 chrF2.800291A | G | 0.02625 | 3848 |
| 18 chrF2.800643A | G | 0.2496 | 4002 |
| 18 chrF2.800945G | A | 0.1383 | 3998 |
| 18 chrF2.801275G | A | 0.3259 | 3998 |
| 18 chrF2.801673A | G | 0.1984 | 3992 |
| 18 chrF2.801993G | A | 0.1058 | 4006 |

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| 18 chrF2.802261G | A | 0.1633 | 4000 |
| 18 chrF2.802610A | C | 0.2537 | 3930 |
| 18 chrF2.803009C | A | 0.1371 | 4004 |
| 18 chrF2.803805A | G | 0.4053 | 4002 |
| 18 chrF2.803942A | G | 0.05556 | 3942 |
| 18 chrF2.804535A | G | 0.3769 | 3990 |
| 18 chrF2.804954A | C | 0.2953 | 3948 |
| 18 chrF2.805550G | A | 0.1666 | 3956 |
| 18 chrF2.805843A | G | 0.3438 | 3944 |
| 18 chrF2.806130G | A | 0.3026 | 3962 |
| 18 chrF2.806588G | A | 0.1102 | 3958 |
| 18 chrF2.806948A | G | 0.05055 | 3976 |
| 18 chrF2.807466A | G | 0.3076 | 3840 |
| 18 chrF2.807746A | G | 0.0978 | 4008 |
| 18 chrF2.808270A | G | 0.3288 | 3996 |
| 18 chrF2.808992G | A | 0.131 | 4000 |
| 18 chrF2.809283G | A | 0.4789 | 3884 |
| 18 chrF2.809337C | A | 0.351 | 4000 |
| 18 chrF2.809987G | A | 0.2683 | 3862 |
| 18 chrF2.810229A | G | 0.3824 | 3996 |
| 18 chrF2.810942G | A | 0.095 | 4000 |
| 18 chrF2.811560G | A | 0.3616 | 3886 |
| 18 chrF2.812243A | G | 0.4131 | 4006 |
| 18 chrF2.812902A | G | 0.05237 | 3972 |
| 18 chrF2.813750G | A | 0.1759 | 4008 |
| 18 chrF2.814069A | G | 0.3504 | 3984 |
| 18 chrF2.814768A | G | 0.2551 | 3986 |
| 18 chrF2.815335A | G | 0.1776 | 3998 |
| 18 chrF2.815982A | C | 0.3723 | 4000 |
| 18 chrF2.816552A | G | 0.1487 | 3982 |
| 18 chrF2.817632A | G | 0.2456 | 4006 |
| 18 chrF2.817871A | G | 0.04709 | 3992 |
| 18 chrF2.818423A | G | 0.1475 | 4000 |
| 18 chrF2.818815A | G | 0.4915 | 4000 |
| 18 chrF2.819371G | A | 0.3307 | 3994 |
| 18 chrF2.820246A | C | 0.1775 | 3984 |
| 18 chrF2.820343A | G | 0.153 | 4000 |
| 18 chrF2.820510C | A | 0.02104 | 3898 |
| 18 chrF2.821535G | A | 0.3008 | 3970 |
| 18 chrF2.821865A | G | 0.2866 | 3828 |
| 18 chrF2.822692A | G | 0.02651 | 3998 |

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| 18 chrF2.82294C A | G | 0.4643 | 4006 |
| 18 chrF2.82335G G | A | 0.4907 | 3986 |
| 18 chrF2.82380C A | G | 0.02735 | 3986 |
| 18 chrF2.82432G C | A | 0.2579 | 3990 |
| 18 chrF2.82460G A | G | 0.04026 | 3974 |
| 18 chrF2.82486G G | A | 0.2379 | 4002 |
| 18 chrF2.825312 A | G | 0.1223 | 4006 |
| 18 chrF2.825687 A | G | 0.04471 | 4004 |
| 18 chrF2.825931 G | A | 0.2455 | 3984 |
| 18 chrF2.826294 A | G | 0.1129 | 4004 |
| 18 chrF2.826651 A | G | 0.1568 | 3980 |
| 18 chrF2.826891 G | A | 0.0694 | 3732 |
| 18 chrF2.827187 A | G | 0.4072 | 3996 |
| 18 chrF2.82746C A | C | 0.0976 | 4006 |
| 18 chrF2.827795 A | G | 0.02594 | 4010 |
| 18 chrF2.828165 A | G | 0.1016 | 4004 |
| 18 chrF2.828628 G | A | 0.4136 | 3994 |
| 18 chrF2.82915C A | G | 0.1621 | 3998 |
| 18 chrF2.82941G G | A | 0.3236 | 4002 |
| 18 chrF2.829891 G | A | 0.2632 | 4004 |
| 18 chrF2.830421 A | C | 0.486 | 3998 |
| 18 chrF2.83044G G | A | 0.1835 | 4000 |
| 18 chrF2.830744 A | G | 0.4577 | 3996 |
| 18 chrF2.831037 A | G | 0.1512 | 4002 |
| 18 chrF2.83224C C | A | 0.3368 | 4002 |
| 18 chrF2.833453 A | G | 0.4565 | 3978 |
| 18 chrF2.833761 A | G | 0.4162 | 3964 |
| 18 chrF2.834222 G | A | 0.409 | 3990 |
| 18 chrF2.834533 A | G | 0.2882 | 4008 |
| 18 chrF2.835655 A | C | 0.1813 | 3872 |
| 18 chrF2.83566G A | G | 0.2637 | 3966 |
| 18 chrF2.836481 A | G | 0.4773 | 4004 |
| 18 chrF2.836995 G | A | 0.2401 | 4002 |
| 18 chrF2.837384 A | G | 0.1038 | 3958 |
| 18 chrF2.83775C A | G | 0.3274 | 3998 |
| 18 chrF2.83842G A | C | 0.4426 | 3988 |
| 18 chrF2.838765 G | A | 0.3014 | 4008 |
| 18 chrF2.839594 A | C | 0.07721 | 3756 |
| 18 chrF2.839668 G | A | 0.4348 | 4004 |
| 18 chrF2.83999G A | G | 0.4284 | 3992 |
| 18 chrF2.840464 A | G | 0.4828 | 4000 |

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| 18 chrF2.841427A | G | 0.2477 | 3996 |
| 18 chrUn.32208!C | A | 0.1707 | 3996 |
| 18 chrF2.841976C | A | 0.1849 | 3926 |
| 18 chrF2.842444A | G | 0.1669 | 3996 |
| 18 chrF2.842801G | A | 0.1752 | 4002 |
| 18 chrF2.843437A | G | 0.441 | 4000 |
| 18 chrF2.844584G | A | 0.06344 | 3972 |
| 18 chrF2.845225A | G | 0.344 | 3994 |
| 18 chrF2.845716G | A | 0.1185 | 3990 |
| 18 chrF2.846183A | G | 0.2521 | 3998 |
| 18 chrF2.846542A | G | 0.1063 | 3998 |
| 18 chrF2.847230A | G | 0.1247 | 3986 |
| 18 chrF2.847776A | G | 0.4792 | 4000 |
| 18 chrF2.848059A | G | 0.1121 | 4006 |
| 18 chrF2.848475A | G | 0.08666 | 4004 |
| 18 chrF2.849245A | G | 0.2591 | 3994 |
| 18 chrF2.849533A | C | 0.4597 | 3916 |
| 18 chrF2.850169G | A | 0.1331 | 3968 |
| 18 chrF2.850676A | G | 0.04066 | 3984 |
| 18 chrF2.851151C | A | 0.3137 | 4000 |
| 18 chrF2.851511G | A | 0.4228 | 4002 |
| 18 chrF2.852137C | A | 0.3443 | 3994 |
| 18 chrF2.853205A | G | 0.2267 | 3966 |
| 18 chrF2.853475A | G | 0.1947 | 4002 |
| 18 chrF2.853538A | G | 0.1069 | 3996 |
| 18 chrF2.854186G | A | 0.06213 | 4008 |
| 18 chrF2.854580G | A | 0.4524 | 3994 |
| 18 chrF2.854944G | A | 0.154 | 3908 |
| 18 chrF2.855521A | G | 0.3371 | 3996 |
| 18 chrF2.856177C | A | 0.2587 | 3970 |
| 18 chrF2.856634A | C | 0.01061 | 3960 |
| 18 chrF2.856876G | A | 0.2445 | 3996 |
| 18 chrF2.857256A | G | 0.235 | 4004 |
| 18 chrF2.857604A | C | 0.2472 | 4000 |
| 18 chrF2.857712 | 0 G | 0 | 3950 |
| 18 chrF2.858095G | A | 0.1515 | 3994 |
| 18 chrF2.858485G | A | 0.1936 | 3998 |
| 18 chrF2.859140G | A | 0.4306 | 3976 |
| 18 chrF2.859593A | G | 0.2524 | 3998 |
| 18 chrF2.860127G | A | 0.4706 | 3912 |
| 18 chrF2.860471A | G | 0.1379 | 4004 |

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| 18 chrF2.86082C A | G | 0.1232 | 3994 |
| 18 chrF2.861337A | G | 0.48 | 3994 |
| 18 chrF2.861655A | G | 0.00225 | 4000 |
| 18 chrF2.862228A | G | 0.3506 | 3996 |
| 18 chrF2.862717A | C | 0.2023 | 3930 |
| 18 chrF2.862843 | 0 G | 0 | 3630 |
| 18 chrF2.863168G | A | 0.4647 | 3998 |
| 18 chrF2.863446A | G | 0.3269 | 3998 |
| 18 chrF2.863842A | G | 0.07269 | 3976 |
| 18 chrF2.864154A | G | 0.1149 | 3994 |
| 18 chrF2.864581C | A | 0.1248 | 4008 |
| 18 chrF2.864917A | G | 0.2682 | 3986 |
| 18 chrF2.865183G | A | 0.1293 | 3998 |
| 18 chrF2.865862A | G | 0.0517 | 3830 |
| 18 chrF2.866627A | C | 0.3802 | 3874 |
| 18 chrF2.867599G | A | 0.0995 | 4000 |
| 18 chrF2.867996G | A | 0.234 | 4004 |
| 18 chrF2.868566G | A | 0.1168 | 4006 |
| 18 chrF2.868869A | G | 0.237 | 4004 |
| 18 chrF2.869132G | A | 0.3112 | 4004 |
| 18 chrF2.869402A | G | 0.4251 | 3978 |
| 18 chrF2.87012C G | A | 0.1918 | 3998 |
| 18 chrF2.87076C G | A | 0.4873 | 4004 |
| 18 chrF2.871304G | A | 0.055 | 4000 |
| 18 chrF2.871828A | G | 0.08163 | 4006 |
| 18 chrF2.872166A | G | 0.3541 | 4004 |
| 18 chrF2.872495G | A | 0.1686 | 3992 |
| 18 chrF2.872818A | G | 0.1703 | 3994 |
| 18 chrF2.873102G | A | 0.1715 | 3972 |
| 18 chrF2.873477A | G | 0.4362 | 3998 |
| 18 chrF2.873757A | G | 0.2629 | 4006 |
| 18 chrF2.874111A | C | 0.3932 | 3988 |
| 18 chrF2.874779G | A | 0.3167 | 3972 |
| 18 chrF2.875266G | A | 0.2573 | 3922 |
| 18 chrF2.875866A | G | 0.1646 | 4010 |
| 18 chrF2.876487A | G | 0.3939 | 3996 |
| 18 chrF2.876741A | G | 0.4441 | 3986 |
| 18 chrF2.876982A | G | 0.3195 | 3990 |
| 18 chrF2.877418A | G | 0.2279 | 3966 |
| 18 chrF2.878124G | A | 0.3767 | 3990 |
| 18 chrF2.878744A | G | 0.2466 | 3962 |

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| 18 chrF2.879035A | G | 0.3027 | 3984 |
| 18 chrF2.879582C | A | 0.1683 | 4004 |
| 18 chrF2.880689A | G | 0.07475 | 3960 |
| 18 chrF2.881018G | A | 0.3754 | 3926 |
| 18 chrF2.881401G | A | 0.4055 | 3924 |
| 18 chrF2.881817A | G | 0.1605 | 3950 |
| 18 chrF2.882027G | A | 0.1513 | 4006 |
| 18 chrF2.882069A | G | 0.1651 | 3954 |
| 18 chrF2.882592A | G | 0.4288 | 3988 |
| 18 chrF2.883198A | G | 0.2457 | 3968 |
| 18 chrF2.883405A | G | 0.01198 | 4006 |
| 18 chrF2.883850A | C | 0.3913 | 3994 |
| 18 chrF2.884311A | G | 0.002997 | 4004 |
| 18 chrF2.884732A | G | 0.2625 | 4000 |
| 18 chrF2.885384A | G | 0.07246 | 4002 |
| 18 chrF2.885698G | A | 0.4355 | 3982 |
| 18 chrF2.885983A | G | 0.1773 | 4004 |
| 18 chrF2.887276A | G | 0.2294 | 3998 |
| 18 chrF2.888008G | A | 0.4183 | 4000 |
| 18 chrF2.888536C | A | 0.2185 | 3958 |
| 18 chrF2.889181G | A | 0.09478 | 3988 |
| 18 chrF2.889612A | C | 0.2233 | 3994 |
| 18 chrF2.890148A | G | 0.2436 | 3854 |
| 18 chrF2.890701A | G | 0.3488 | 3974 |
| 18 chrF2.891053C | A | 0.1336 | 3974 |
| 18 chrF2.891960A | G | 0.4587 | 3992 |
| 18 chrF2.892388G | A | 0.3456 | 3990 |
| 18 chrF2.892683A | G | 0.1827 | 3980 |
| 18 chrF2.893239C | A | 0.07881 | 3946 |
| 18 chrF2.893674A | C | 0.3721 | 3988 |
| 18 chrF2.894192A | G | 0.2517 | 4008 |
| 18 chrF2.894536A | G | 0.2032 | 3966 |
| 18 chrF2.894840A | G | 0.2749 | 3940 |
| 18 chrF2.895654A | C | 0.3123 | 3970 |
| 18 chrF2.896219A | C | 0.005988 | 4008 |
| 18 chrF2.896474A | G | 0.3719 | 3988 |
| 18 chrF2.896717A | G | 0.1321 | 3906 |
| 18 chrF2.897072G | A | 0.4464 | 3990 |
| 18 chrF2.897257C | A | 0.3357 | 3992 |
| 18 chrF2.897622G | A | 0.4454 | 3996 |
| 18 chrF2.898062C | A | 0.4503 | 4002 |

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| 18 chrF2.898384A | G | 0.06786 | 4008 |
| 18 chrF2.899220C | A | 0.3249 | 3992 |
| 18 chrF2.899462A | G | 0.3297 | 3994 |
| 18 chrF2.900262A | G | 0.3819 | 3996 |
| 18 chrF2.900582G | A | 0.0985 | 4010 |
| 18 chrF2.901517G | A | 0.09253 | 3988 |
| 18 chrF2.902002G | A | 0.2134 | 4006 |
| 18 chrF2.902305A | G | 0.006774 | 3986 |
| 18 chrF2.902542C | A | 0.01328 | 3990 |
| 18 chrF2.902798A | G | 0.227 | 3970 |
| 18 chrF2.903353A | G | 0.4607 | 3998 |
| 18 chrF2.903655A | G | 0.1593 | 3898 |
| 18 chrF2.904077A | G | 0.3545 | 3994 |
| 18 chrF2.904830A | C | 0.2673 | 3992 |
| 18 chrF2.905077G | A | 0.2807 | 3990 |
| 18 chrF2.905609A | G | 0.374 | 3992 |
| 18 chrF2.906030A | G | 0.1225 | 4008 |
| 18 chrF2.906302G | A | 0.2618 | 3976 |
| 18 chrF2.906575A | G | 0.1792 | 3990 |
| 18 chrF2.908456C | A | 0.2998 | 4006 |
| 18 chrF2.908792A | G | 0.1773 | 4000 |
| 18 chrF2.909129A | C | 0.2837 | 3990 |
| 18 chrF2.909552A | C | 0.01288 | 3960 |
| 18 chrF2.910382G | A | 0.4845 | 3998 |
| 18 chrF2.910916G | A | 0.2591 | 3998 |
| 18 chrF2.911317A | G | 0.273 | 4008 |
| 18 chrF2.912010A | G | 0.1614 | 4002 |
| 18 chrF2.912628A | G | 0.2163 | 4000 |
| 18 chrF2.912959A | C | 0.2061 | 3852 |
| 18 chrF2.913256A | G | 0.208 | 4000 |
| 18 chrF2.913590G | A | 0.3578 | 4008 |
| 18 chrF2.913868G | A | 0.3203 | 4006 |
| 18 chrF2.914775A | G | 0.1632 | 4008 |
| 18 chrF2.915059A | G | 0.1681 | 3980 |
| 18 chrF2.915534A | G | 0.4431 | 4004 |
| 18 chrF2.915877A | G | 0.2737 | 4008 |
| 18 chrF2.916239A | G | 0.1896 | 4004 |
| 18 chrF2.916718A | G | 0.06722 | 4002 |
| 18 chrF2.917145A | G | 0.02714 | 3942 |
| 18 chrF2.917415G | A | 0.04669 | 3984 |
| 18 chrF2.917850A | C | 0.07988 | 3906 |

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| 18 chrF2.918196A | G | 0.4765 | 3960 |
| 18 chrF2.91845CA | G | 0.1376 | 4004 |
| 18 chrF2.91864CG | A | 0.1409 | 4002 |
| 18 chrF2.919271A | G | 0.1163 | 4008 |
| 18 chrF2.919724G | A | 0.05367 | 4006 |
| 18 chrF2.919961A | G | 0.242 | 4000 |
| 18 chrF2.920476G | A | 0.02804 | 3994 |
| 18 chrF2.921133G | A | 0.1437 | 3994 |
| 18 chrF2.921424A | G | 0.4123 | 4004 |
| 18 chrF2.921941A | G | 0.1422 | 4000 |
| 18 chrF2.922701G | A | 0.1538 | 3978 |
| 18 chrF2.923101A | G | 0.2408 | 4008 |
| 18 chrF2.923129A | G | 0.3012 | 3954 |
| 18 chrF2.923459C | A | 0.2815 | 4004 |
| 18 chrF2.924729A | G | 0.3869 | 3996 |
| 18 chrF2.925012C | A | 0.1455 | 3958 |
| 18 chrF2.925292A | C | 0.1296 | 3998 |
| 18 chrF2.925909 | 0 G | 0 | 4008 |
| 18 chrF2.92737CA | C | 0.3599 | 3982 |
| 18 chrF2.927705A | G | 0.1355 | 3986 |
| 18 chrF2.928048G | A | 0.09205 | 3998 |
| 18 chrF2.928444A | G | 0.14 | 4006 |
| 18 chrF2.928928A | G | 0.1214 | 3994 |
| 18 chrF2.929173G | A | 0.3623 | 4002 |
| 18 chrF2.929548A | C | 0.03781 | 3994 |
| 18 chrF2.929606A | G | 0.09895 | 3992 |
| 18 chrUn13.2079A | G | 0.3053 | 4006 |
| 18 chrUn13.2116G | A | 0.3576 | 3996 |
| 18 chrUn13.2186A | C | 0.1519 | 3826 |
| 18 chrUn13.2219G | A | 0.2001 | 3968 |
| 18 chrUn13.2249A | G | 0.21 | 4004 |
| 18 chrUn13.2319G | A | 0.4364 | 3870 |
| 18 chrUn13.2359A | G | 0.2662 | 4000 |
| 18 chrUn13.2379G | A | 0.4622 | 3990 |
| 18 chrUn13.2386G | A | 0.2503 | 3872 |
| 18 chrUn13.2439G | A | 0.4628 | 3982 |
| 18 chrUn13.2459G | A | 0.1321 | 4004 |
| 18 chrUn13.2509A | C | 0.4352 | 3996 |
| 18 chrUn13.2559A | C | 0.3825 | 3990 |
| 18 chrUn13.2599G | A | 0.471 | 4002 |
| 18 chrUn13.2636G | A | 0.2258 | 4000 |

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| 18 chrUn13.277 | G | A | 0.3888 | 3976 |
| 18 chrUn13.281 | G | A | 0.3295 | 3976 |
| 18 chrUn13.284 | C | A | 0.1546 | 3966 |
| 18 chrUn13.286 | G | A | 0.2861 | 4002 |
| 18 chrUn13.293 | A | G | 0.449 | 3958 |
| 18 chrUn13.297 | A | C | 0.03923 | 3926 |
| 18 chrUn13.300 | A | G | 0.02174 | 4002 |
| 18 chrUn13.305 | A | C | 0.416 | 3880 |
| 18 chrUn13.312 | G | A | 0.4218 | 4004 |
| 18 chrUn13.318 | A | G | 0.3415 | 3924 |
| 18 chrUn13.323 | G | A | 0.118 | 3982 |
| 18 chrUn13.327 | A | G | 0.07583 | 3996 |
| 18 chrUn13.332 | G | A | 0.3762 | 3998 |
| 18 chrUn13.335 | G | A | 0.1443 | 4006 |
| 18 chrUn13.337 | A | G | 0.1582 | 3964 |
| 18 chrUn13.345 | C | A | 0.2704 | 3998 |
| 18 chrUn13.354 | A | G | 0.1436 | 3998 |
| 18 chrUn13.360 | A | G | 0.1617 | 3772 |
| 18 chrUn13.366 | G | A | 0.3936 | 3994 |
| 18 chrUn13.371 | A | C | 0.2843 | 3820 |
| 18 chrUn13.373 | A | G | 0.2017 | 3916 |
| 18 chrUn13.378 | G | A | 0.0267 | 4008 |
| 18 chrUn13.383 | G | A | 0.1832 | 3946 |
| 18 chrUn13.389 | A | G | 0.08296 | 4002 |
| 18 chrUn13.396 | G | A | 0.281 | 3990 |
| 18 chrUn13.401 | G | A | 0.07871 | 3964 |
| 18 chrUn13.406 | C | A | 0.0974 | 4004 |
| 18 chrUn13.410 | A | G | 0.2013 | 4008 |
| 18 chrUn13.415 | G | A | 0.3709 | 3998 |
| 18 chrUn13.422 | A | G | 0.1453 | 4006 |
| 18 chrUn13.429 | G | A | 0.1301 | 3928 |
| 18 chrUn13.433 | G | A | 0.168 | 3994 |
| 18 chrUn13.435 | A | G | 0.4873 | 4002 |
| 18 chrUn13.438 | G | A | 0.4296 | 3934 |
| 18 chrUn13.441 | A | G | 0.1486 | 3922 |
| 18 chrUn13.446 | G | A | 0.4516 | 3944 |
| 18 chrUn13.449 | A | G | 0.2261 | 3976 |
| 18 chrUn13.452 | A | C | 0.2859 | 3984 |
| 18 chrUn13.457 | A | G | 0.08556 | 3600 |
| 18 chrUn13.461 | A | G | 0.01857 | 3932 |
| 18 chrUn13.469 | A | G | 0.3949 | 3958 |

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| 18 chrUn13.472:A | G | 0.2449 | 4006 |
| 18 chrUn13.475:A | A | 0.1712 | 3996 |
| 18 chrUn13.479:A | A | 0.16 | 4006 |
| 18 chrUn13.481:A | G | 0.4605 | 3998 |
| 18 chrUn13.486:A | G | 0.288 | 3976 |
| 18 chrUn13.489:A | A | 0.4775 | 3998 |
| 18 chrUn13.493:A | A | 0.2944 | 3906 |
| 18 chrUn13.500:A | G | 0.1694 | 3960 |
| 18 chrUn13.511:A | G | 0.4825 | 3948 |
| 18 chrUn13.513:A | A | 0.2337 | 3988 |
| 18 chrUn13.515:A | A | 0.4268 | 4000 |
| 18 chrUn13.516:A | G | 0.1649 | 3858 |
| 18 chrUn13.523:A | G | 0.0593 | 3980 |
| 18 chrUn13.533:A | A | 0.07523 | 3948 |
| 18 chrUn13.536:A | G | 0.3588 | 3908 |
| 18 chrUn13.536:A | G | 0.3582 | 4006 |
| 18 chrUn13.539:A | A | 0.4466 | 3952 |
| 18 chrUn13.542:A | G | 0.229 | 3930 |
| 18 chrUn13.549:A | G | 0.0982 | 3992 |
| 18 chrUn13.562:A | A | 0.4545 | 4002 |
| 18 chrUn13.555:A | G | 0.1702 | 4006 |
| 18 chrUn13.571:A | C | 0.2124 | 3998 |
| 18 chrUn13.575:A | G | 0.1816 | 3876 |
| 18 chrUn13.587:A | G | 0.09681 | 3956 |
| 18 chrUn13.592:A | G | 0.2867 | 3666 |
| 18 chrUn13.596:A | G | 0.3073 | 3918 |
| 18 chrUn13.599:A | G | 0.1131 | 4006 |
| 18 chrUn13.600:A | G | 0.04932 | 3994 |
| 18 chrUn13.604:A | G | 0.03276 | 3846 |
| 18 chrUn13.607:A | G | 0.3231 | 3990 |
| 18 chrUn13.612:A | G | 0.04399 | 3978 |
| 18 chrUn13.614:A | A | 0.3402 | 3960 |
| 18 chrUn13.617:A | G | 0.215 | 3996 |
| 18 chrUn13.621:A | A | 0.3687 | 3960 |
| 18 chrUn13.629:A | A | 0.1024 | 3986 |
| 18 chrUn13.635:A | A | 0.3816 | 3996 |
| 18 chrB1.532821A | G | 0.2812 | 3890 |
| 18 chrUn13.624:A | G | 0.0985 | 4000 |
| 18 chrUn13.639:A | A | 0.2528 | 3980 |
| 18 chrUn13.642:A | A | 0.02399 | 4002 |
| 18 chrUn13.646:A | G | 0.1649 | 3942 |

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|----------------|----|---|----------|------|
| 18 chrUn13.652 | A | G | 0.09829 | 3978 |
| 18 chrUn13.656 | G | A | 0.05414 | 3990 |
| 18 chrUn13.659 | A | C | 0.2805 | 3850 |
| 18 chrUn13.663 | C | A | 0.1737 | 3990 |
| 18 chrUn13.666 | G | A | 0.2555 | 3926 |
| 18 chrUn13.669 | C | A | 0.2752 | 3986 |
| 18 chrUn13.672 | A | G | 0.2474 | 3840 |
| 18 chrUn13.676 | G | A | 0.1893 | 4004 |
| 18 chrUn13.677 | G | A | 0.2647 | 4008 |
| 18 chrUn13.685 | A | G | 0.06608 | 3844 |
| 18 chrUn13.688 | G | A | 0.03698 | 3894 |
| 18 chrUn13.694 | G | A | 0.111 | 4000 |
| 18 chrUn13.695 | G | A | 0.00025 | 4000 |
| 19 chrX.157642 | A | C | 0.283 | 3922 |
| 19 chrX.157632 | G | A | 0.05483 | 3976 |
| 19 chrX.157577 | 1A | C | 0.3934 | 3864 |
| 19 chrX.334790 | G | A | 0.3314 | 4004 |
| 19 chrX.529603 | A | G | 0.4867 | 3998 |
| 19 chrX.561819 | A | G | 0.04349 | 3978 |
| 19 chrX.594236 | G | A | 0.3612 | 3954 |
| 19 chrX.637948 | G | A | 0.008012 | 3994 |
| 19 chrX.670833 | G | A | 0.1729 | 3986 |
| 19 chrX.715821 | G | A | 0.3597 | 3992 |
| 19 chrX.742437 | A | G | 0.1148 | 3990 |
| 19 chrX.777744 | C | A | 0.3438 | 3932 |
| 19 chrX.865071 | A | G | 0.3255 | 3966 |
| 19 chrUn.65020 | A | C | 0.4828 | 3958 |
| 19 chrX.917984 | G | A | 0.4902 | 3992 |
| 19 chrUn.13631 | A | G | 0.1971 | 3992 |
| 19 chrX.103847 | A | G | 0.1262 | 3628 |
| 19 chrX.106715 | A | C | 0.4587 | 3998 |
| 19 chrX.131193 | G | A | 0.1355 | 3940 |
| 19 chrX.131266 | A | G | 0.1391 | 3998 |
| 19 chrX.133999 | G | A | 0.4339 | 3992 |
| 19 chrX.136385 | G | A | 0.03573 | 3694 |
| 19 chrX.139704 | A | G | 0.03631 | 3966 |
| 19 chrX.149077 | A | G | 0.2106 | 3980 |
| 19 chrX.151482 | A | A | 0.4146 | 3956 |
| 19 chrX.160288 | G | A | 0.2576 | 3972 |
| 19 chrX.163746 | A | G | 0.1458 | 3998 |
| 19 chrX.167560 | A | C | 0.1788 | 3942 |

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| 19 chrX.1741453A | G | 0.06397 | 3986 |
| 19 chrX.1766678A | G | 0.2994 | 3984 |
| 19 chrX.1796295G | A | 0.4407 | 3996 |
| 19 chrX.1896433A | G | 0.3498 | 4000 |
| 19 chrX.1897419G | A | 0.01596 | 4010 |
| 19 chrX.1951155A | C | 0.4855 | 3990 |
| 19 chrX.2001832G | A | 0.1621 | 4010 |
| 19 chrX.2042570G | A | 0.229 | 4000 |
| 19 chrX.2068535G | A | 0.0137 | 3942 |
| 19 chrX.2127620A | G | 0.2211 | 3966 |
| 19 chrX.2342908G | A | 0.1791 | 4008 |
| 19 chrX.2404528G | A | 0.2974 | 3994 |
| 19 chrX.2466275A | G | 0.4735 | 4006 |
| 19 chrX.2510179G | A | 0.4267 | 3958 |
| 19 chrX.2513182G | A | 0.2337 | 3872 |
| 19 chrX.2572916A | C | 0.1026 | 3976 |
| 19 chrX.2608678A | G | 0.4902 | 3968 |
| 19 chrX.2677155A | G | 0.4643 | 4002 |
| 19 chrX.2731446A | G | 0.3416 | 3838 |
| 19 chrX.2756805A | G | 0.487 | 3990 |
| 19 chrX.2769288G | A | 0.3185 | 4010 |
| 19 chrX.2815842A | G | 0.1644 | 4008 |
| 19 chrX.2888485A | G | 0.1654 | 3984 |
| 19 chrUn.321660A | G | 0.217 | 3940 |
| 19 chrX.2966508A | G | 0.07157 | 3996 |
| 19 chrX.3128605G | A | 0.3302 | 3992 |
| 19 chrX.3181991A | G | 0.08872 | 3990 |
| 19 chrX.3207804A | G | 0.4815 | 3996 |
| 19 chrX.3252043A | G | 0.06689 | 3962 |
| 19 chrX.3321173G | A | 0.4538 | 3872 |
| 19 chrX.3352021A | G | 0.3411 | 3902 |
| 19 chrX.3397200A | G | 0.3876 | 4002 |
| 19 chrX.3457260G | A | 0.08941 | 4004 |
| 19 chrX.3497513G | A | 0.4549 | 3946 |
| 19 chrX.3432879A | G | 0.249 | 3996 |
| 19 chrX.3693766A | G | 0.3207 | 4004 |
| 19 chrUn.258220A | G | 0.0355 | 4000 |
| 19 chrX.3751068G | A | 0.4925 | 3992 |
| 19 chrX.3785913C | A | 0.2606 | 3956 |
| 19 chrX.3788688A | G | 0.001249 | 4002 |
| 19 chrX.3817204A | G | 0.1945 | 3820 |

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| 19 chrX.3859197G | A | 0.2497 | 3968 |
| 19 chrX.388655C | A | 0.188 | 3872 |
| 19 chrX.389868C | A | 0.01123 | 4008 |
| 19 chrX.393439C | A | 0.3464 | 3964 |
| 19 chrX.3973307G | A | 0.2596 | 3944 |
| 19 chrX.401485C | A | 0.2135 | 3962 |
| 19 chrX.1468762A | G | 0.2823 | 4006 |
| 19 chrX.1468112A | G | 0.4925 | 4004 |
| 19 chrX.1468041G | A | 0.3471 | 3964 |
| 19 chrX.146711C | C | 0.1217 | 3992 |
| 19 chrX.410970C | G | 0.1719 | 3926 |
| 19 chrX.1466214A | G | 0.2102 | 3730 |
| 19 chrX.146587C | G | 0.06899 | 3928 |
| 19 chrX.4182754G | A | 0.4411 | 4006 |
| 19 chrX.1465227G | A | 0.1482 | 4002 |
| 19 chrUn.44950A | G | 0.1871 | 3956 |
| 19 chrX.421032C | G | 0.1077 | 3658 |
| 19 chrX.1464767A | G | 0.1386 | 3982 |
| 19 chrX.146421C | A | 0.2072 | 4000 |
| 19 chrX.1462517A | G | 0.2396 | 4002 |
| 19 chrX.1462241A | G | 0.4123 | 4002 |
| 19 chrX.4334892A | C | 0.2601 | 3960 |
| 19 chrX.146115C | G | 0.09054 | 3954 |
| 19 chrX.145997C | A | 0.1229 | 4004 |
| 19 chrX.443501C | G | 0.1438 | 3852 |
| 19 chrX.1458231A | G | 0.1554 | 3996 |
| 19 chrX.4506194A | G | 0.2401 | 4002 |
| 19 chrX.145672C | 0 A | 0 | 4010 |
| 19 chrX.1456624G | A | 0.1923 | 3994 |
| 19 chrX.145603C | G | 0.02148 | 4004 |
| 19 chrX.1455784A | G | 0.2375 | 3988 |
| 19 chrX.461603C | G | 0.01981 | 3988 |
| 19 chrX.1455101A | G | 0.1129 | 3828 |
| 19 chrX.4654677A | G | 0.3949 | 4006 |
| 19 chrX.1453514A | G | 0.1579 | 3984 |
| 19 chrX.145293C | G | 0.1392 | 4002 |
| 19 chrX.1452424A | G | 0.3739 | 3996 |
| 19 chrX.145184C | A | 0.3497 | 3960 |
| 19 chrX.145183C | A | 0.3472 | 4004 |
| 19 chrX.482156C | A | 0.1196 | 4004 |
| 19 chrX.116403C | A | 0.2403 | 3982 |

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| 19 chrX.4879747A | G | 0.2719 | 3994 |
| 19 chrX.4908893A | G | 0.3849 | 3848 |
| 19 chrX.1163049A | G | 0.1402 | 3980 |
| 19 chrX.1162609A | C | 0.3583 | 3994 |
| 19 chrX.1162233G | A | 0.1463 | 3998 |
| 19 chrX.1161705A | G | 0.3197 | 3994 |
| 19 chrX.5040147A | G | 0.2632 | 4008 |
| 19 chrX.1161263A | G | 0.1926 | 3956 |
| 19 chrX.1160916A | G | 0.4932 | 3952 |
| 19 chrX.1160643A | C | 0.2294 | 3976 |
| 19 chrX.1160403A | G | 0.1229 | 4004 |
| 19 chrX.1159917A | C | 0.3628 | 3988 |
| 19 chrX.5155507A | C | 0.1275 | 3944 |
| 19 chrX.1159596A | G | 0.07823 | 3694 |
| 19 chrX.1159591A | G | 0.05841 | 4006 |
| 19 chrX.1159346A | G | 0.1817 | 3890 |
| 19 chrX.1158943G | A | 0.2987 | 3984 |
| 19 chrX.1158648A | G | 0.05494 | 3968 |
| 19 chrX.5223659C | A | 0.08954 | 3998 |
| 19 chrX.5248547G | A | 0.2462 | 3900 |
| 19 chrX.5289052A | G | 0.2545 | 4000 |
| 19 chrX.5316409G | A | 0.3149 | 3988 |
| 19 chrX.5340876G | A | 0.3622 | 3992 |
| 19 chrX.5390769G | A | 0.07611 | 3994 |
| 19 chrX.5438705A | G | 0.1395 | 4000 |
| 19 chrX.5506464A | G | 0.194 | 3980 |
| 19 chrX.5621921A | G | 0.2727 | 3924 |
| 19 chrX.5661715A | G | 0.2269 | 4002 |
| 19 chrX.5665047A | C | 0.3479 | 3972 |
| 19 chrX.5674460G | A | 0.1987 | 3996 |
| 19 chrX.5721929G | A | 0.2416 | 3970 |
| 19 chrX.5769969A | G | 0.07243 | 4004 |
| 19 chrX.5819910C | A | 0.1164 | 3816 |
| 19 chrX.5945863A | C | 0.09043 | 3992 |
| 19 chrX.5985165A | G | 0.3982 | 3998 |
| 19 chrX.6015897A | G | 0.4925 | 3998 |
| 19 chrX.6040657G | A | 0.4208 | 4000 |
| 19 chrX.6068050A | G | 0.3989 | 3968 |
| 19 chrX.6138839C | A | 0.1275 | 4000 |
| 19 chrX.6177208A | C | 0.1999 | 3886 |
| 19 chrX.6232115G | A | 0.2335 | 4000 |

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| 19 chrX.6264831A | C | 0.2497 | 3952 |
| 19 chrX.6319994G | A | 0.1905 | 4000 |
| 19 chrX.6347474A | G | 0.1381 | 3904 |
| 19 chrX.6379346A | C | 0.1072 | 3994 |
| 19 chrX.6421339A | C | 0.1961 | 4004 |
| 19 chrX.6481644A | G | 0.04826 | 3668 |
| 19 chrX.6518744A | G | 0.3341 | 3978 |
| 19 chrX.6624966A | G | 0.2036 | 4002 |
| 19 chrX.6668606A | G | 0.3545 | 3992 |
| 19 chrX.6724209G | A | 0.1124 | 3996 |
| 19 chrX.6794054A | G | 0.1306 | 4004 |
| 19 chrX.6846401A | G | 0.1112 | 4002 |
| 19 chrX.6983600G | A | 0.2232 | 3952 |
| 19 chrX.7043669A | G | 0.03292 | 4010 |
| 19 chrX.7080902G | A | 0.4589 | 3800 |
| 19 chrX.7124749A | C | 0.38 | 3984 |
| 19 chrX.7153311C | A | 0.3229 | 3912 |
| 19 chrX.7268874A | G | 0.2274 | 4002 |
| 19 chrX.7389609A | G | 0.3197 | 3988 |
| 19 chrX.7405112A | G | 0.3792 | 4000 |
| 19 chrX.7415099A | G | 0.2938 | 4006 |
| 19 chrX.7440060G | A | 0.1058 | 3998 |
| 19 chrX.7470767A | G | 0.04081 | 3896 |
| 19 chrX.7472418A | G | 0.3821 | 3962 |
| 19 chrX.7612539A | G | 0.2106 | 3918 |
| 19 chrX.7638218C | A | 0.08896 | 4002 |
| 19 chrX.7684689G | A | 0.4884 | 3982 |
| 19 chrX.7725239A | G | 0.4965 | 3992 |
| 19 chrX.7770744A | G | 0.3248 | 3990 |
| 19 chrX.7863616G | A | 0.0535 | 4000 |
| 19 chrX.7904028A | G | 0.2445 | 4008 |
| 19 chrX.7958284A | G | 0.214 | 3996 |
| 19 chrX.7996232A | G | 0.1917 | 3974 |
| 19 chrX.8025645G | A | 0.3308 | 3894 |
| 19 chrX.8056544G | A | 0.2523 | 3864 |
| 19 chrX.8108789A | C | 0.1693 | 3952 |
| 19 chrX.8151691G | A | 0.4552 | 3910 |
| 19 chrX.8336599A | G | 0.06586 | 3978 |
| 19 chrX.8393085A | G | 0.4243 | 3964 |
| 19 chrX.8452044A | G | 0.4319 | 3996 |
| 19 chrX.8483232G | A | 0.05952 | 3814 |

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| 19 chrX.8536678G | A | 0.3922 | 3988 |
| 19 chrX.8576568G | A | 0.3089 | 3988 |
| 19 chrX.8609105A | G | 0.4414 | 3990 |
| 19 chrX.8635432G | A | 0.3016 | 3962 |
| 19 chrX.8691321G | A | 0.4239 | 3968 |
| 19 chrX.8725408G | A | 0.1691 | 3992 |
| 19 chrX.8762150A | G | 0.1696 | 3986 |
| 19 chrX.8802969A | G | 0.3704 | 3996 |
| 19 chrX.8828660G | A | 0.4656 | 3984 |
| 19 chrX.8893873C | A | 0.09524 | 3990 |
| 19 chrX.8946208G | A | 0.311 | 3990 |
| 19 chrX.9007276A | G | 0.3677 | 3968 |
| 19 chrX.9080020G | A | 0.3509 | 3996 |
| 19 chrX.9104942A | C | 0.2238 | 4000 |
| 19 chrX.9132913A | G | 0.03916 | 3984 |
| 19 chrX.9156599G | A | 0.143 | 4006 |
| 19 chrX.9208614A | C | 0.00327 | 3976 |
| 19 chrX.9234601A | C | 0.497 | 3994 |
| 19 chrX.9272005A | G | 0.4744 | 3990 |
| 19 chrX.9315356G | A | 0.0197 | 4010 |
| 19 chrX.9350914A | G | 0.007402 | 3918 |
| 19 chrX.9384032A | G | 0.1419 | 3990 |
| 19 chrX.9409813C | A | 0.3186 | 3992 |
| 19 chrX.9448360C | A | 0.06247 | 3986 |
| 19 chrX.9482052G | A | 0.4765 | 3994 |
| 19 chrX.9526686A | G | 0.1759 | 4008 |
| 19 chrX.9550514A | G | 0.3823 | 3994 |
| 19 chrX.9584929A | G | 0.4078 | 3938 |
| 19 chrX.9618883A | C | 0.3898 | 3948 |
| 19 chrX.9646095C | A | 0.4847 | 3994 |
| 19 chrX.9660589G | A | 0.1484 | 4004 |
| 19 chrX.9709458G | A | 0.1022 | 3846 |
| 19 chrX.9740972A | C | 0.1481 | 3990 |
| 19 chrX.9824226A | G | 0.2724 | 4002 |
| 19 chrX.9871763A | G | 0.1945 | 3994 |
| 19 chrX.9943701A | G | 0.4405 | 3966 |
| 19 chrX.9990984G | A | 0.2262 | 3996 |
| 19 chrX.1007734A | G | 0.4446 | 3990 |
| 19 chrX.1011022G | A | 0.4772 | 3998 |
| 19 chrX.1014395A | G | 0.1892 | 4002 |
| 19 chrX.1017023A | G | 0.1947 | 3924 |

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| 19 chrX.1018481A | G | 0.4116 | 3790 |
| 19 chrX.1022149G | A | 0.1623 | 3998 |
| 19 chrX.1028544G | A | 0.2239 | 3958 |
| 19 chrX.1037728A | G | 0.2812 | 3940 |
| 19 chrX.1040920A | G | 0.000499 | 4008 |
| 19 chrX.1043342G | A | 0.2635 | 4004 |
| 19 chrX.1050788G | A | 0.04873 | 4002 |
| 19 chrUn.65296A | C | 0.01199 | 4004 |
| 19 chrX.1053689A | G | 0.4972 | 3994 |
| 19 chrX.1061517G | A | 0.4945 | 3974 |
| 19 chrX.1065004G | A | 0.1791 | 4004 |
| 19 chrX.1068458A | G | 0.09326 | 3978 |
| 19 chrX.1072041A | G | 0.0695 | 4000 |
| 19 chrX.1077161A | G | 0.1191 | 4004 |
| 19 chrX.1084287A | G | 0.141 | 3914 |
| 19 chrX.1088485A | G | 0.372 | 3960 |
| 19 chrX.1093978A | G | 0.1677 | 3996 |
| 19 chrX.1099707G | A | 0.004036 | 3964 |
| 19 chrX.1103893A | G | 0.2981 | 3992 |
| 19 chrX.1107941A | G | 0.3729 | 3982 |
| 19 chrX.1113541A | G | 0.3934 | 3968 |
| 19 chrX.1116497C | A | 0.3482 | 3900 |
| 19 chrX.1121925A | G | 0.2308 | 4008 |
| 19 chrX.1125038A | G | 0.001769 | 3958 |
| 19 chrX.1126828A | G | 0.1676 | 3992 |
| 19 chrX.1130756A | G | 0.05784 | 3994 |
| 19 chrX.1133532A | G | 0.1728 | 3992 |
| 19 chrX.1135653A | G | 0.01462 | 3966 |
| 19 chrX.1136656A | G | 0.4368 | 3990 |
| 19 chrX.1142632A | G | 0.4378 | 3988 |
| 19 chrUn28.183A | A | 0.000252 | 3968 |
| 19 chrX.1147517A | G | 0.2089 | 3978 |
| 19 chrX.1150917A | C | 0.254 | 3850 |
| 19 chrX.1156585A | G | 0.04493 | 4006 |
| 19 chrX.1161330A | G | 0.2342 | 3996 |
| 19 chrX.1169370A | C | 0.3307 | 3904 |
| 19 chrX.1172624A | G | 0.2118 | 3970 |
| 19 chrX.1176677G | A | 0.3408 | 3994 |
| 19 chrX.1184088A | G | 0.3179 | 3992 |
| 19 chrX.1188834A | G | 0.1076 | 3978 |
| 19 chrX.1192661A | G | 0.05461 | 4010 |

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| 19 chrX.1200212A | G | 0.428 | 4000 |
| 19 chrX.1203734G | A | 0.003792 | 3956 |
| 19 chrX.1206278A | C | 0.2095 | 3996 |
| 19 chrX.1214838A | G | 0.006234 | 4010 |
| 19 chrX.1223756A | C | 0.3139 | 3890 |
| 19 chrX.1226943G | A | 0.1097 | 4010 |
| 19 chrX.1231944G | A | 0.1878 | 3998 |
| 19 chrX.1234578G | A | 0.1091 | 4004 |
| 19 chrX.1240075A | G | 0.3903 | 3992 |
| 19 chrX.1247281A | C | 0.1068 | 4006 |
| 19 chrX.1249979A | G | 0.269 | 4000 |
| 19 chrX.1262320A | C | 0.3523 | 3818 |
| 19 chrX.1268236G | A | 0.0307 | 4006 |
| 19 chrX.1275392A | G | 0.412 | 3978 |
| 19 chrX.1278517A | G | 0.2494 | 3910 |
| 19 chrX.1285211A | G | 0.2102 | 4000 |
| 19 chrX.1288945G | A | 0.1263 | 4006 |
| 19 chrX.1294571G | A | 0.02575 | 3844 |
| 19 chrX.1299272G | A | 0.2344 | 3998 |
| 19 chrX.1302319G | A | 0.2334 | 3714 |
| 19 chrX.1309374C | A | 0.009755 | 3998 |
| 19 chrX.1312012A | G | 0.1482 | 4002 |
| 19 chrX.1321603A | C | 0.0816 | 3946 |
| 19 chrX.1324562G | A | 0.3931 | 3976 |
| 19 chrX.1328069A | G | 0.182 | 3742 |
| 19 chrX.1332304G | A | 0.2708 | 3996 |
| 19 chrX.1332822A | C | 0.4194 | 3968 |
| 19 chrX.1335567G | A | 0.4136 | 3968 |
| 19 chrX.1338948A | G | 0.2448 | 3954 |
| 19 chrX.1343284G | A | 0.123 | 3984 |
| 19 chrX.1346320A | G | 0.1957 | 3990 |
| 19 chrX.1351741A | G | 0.2789 | 3962 |
| 19 chrX.1354926C | A | 0.469 | 3994 |
| 19 chrX.1357425A | G | 0.2002 | 3772 |
| 19 chrX.1363156G | A | 0.4505 | 3996 |
| 19 chrX.1370315A | G | 0.3379 | 3986 |
| 19 chrX.1374473G | A | 0.4617 | 3994 |
| 19 chrX.1377755A | G | 0.3686 | 4004 |
| 19 chrX.1377826G | A | 0.434 | 3984 |
| 19 chrX.1384052C | A | 0.1958 | 3998 |
| 19 chrX.1387092A | G | 0.4355 | 3984 |

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| 19 chrX.1391966 | A | G | 0.1228 | 3958 |
| 19 chrX.1394676 | A | C | 0.2531 | 3970 |
| 19 chrX.1398018 | | 0 C | 0 | 4010 |
| 19 chrX.1400459 | A | C | 0.1811 | 3948 |
| 19 chrX.1403421 | | 0 G | 0 | 4000 |
| 19 chrUn.20725 | A | G | 0.183 | 3950 |
| 19 chrX.1416178 | G | A | 0.2971 | 3972 |
| 19 chrX.1422746 | G | A | 0.1568 | 3998 |
| 19 chrX.1426998 | G | A | 0.3776 | 4002 |
| 19 chrX.1433776 | A | G | 0.09644 | 3992 |
| 19 chrX.1438286 | A | G | 0.02944 | 4008 |
| 19 chrX.1442431 | G | A | 0.4681 | 3954 |
| 19 chrX.1451592 | G | A | 0.1264 | 4010 |
| 19 chrX.1458588 | A | G | 0.2873 | 4000 |
| 19 chrX.1461472 | G | A | 0.371 | 3992 |
| 19 chrX.1469577 | A | G | 0.04573 | 4002 |
| 19 chrX.1481643 | G | A | 0.04167 | 3840 |
| 19 chrX.1490909 | G | A | 0.01815 | 3966 |
| 19 chrX.1495203 | A | C | 0.06197 | 4002 |
| 19 chrX.1498568 | A | C | 0.02348 | 4004 |
| 19 chrX.1504124 | G | A | 0.04116 | 3912 |
| 19 chrX.1507259 | G | A | 0.05797 | 4002 |
| 19 chrX.1511175 | C | A | 0.05556 | 3960 |
| 19 chrX.1515793 | G | A | 0.06675 | 4000 |
| 19 chrX.1519824 | G | A | 0.064 | 4000 |
| 19 chrX.1527089 | A | C | 0.2206 | 3998 |
| 19 chrX.1530871 | A | C | 0.06213 | 4008 |
| 19 chrX.1535171 | A | C | 0.2159 | 3998 |
| 19 chrX.1539203 | G | A | 0.2141 | 3970 |
| 19 chrX.1541379 | | 0 C | 0 | 3984 |
| 19 chrX.1544227 | A | G | 0.1533 | 3718 |
| 19 chrX.1548171 | G | A | 0.4542 | 3994 |
| 19 chrX.1554008 | A | G | 0.4351 | 3988 |
| 19 chrX.1556402 | A | C | 0.4609 | 3968 |
| 19 chrX.1559405 | A | G | 0.2357 | 3976 |
| 19 chrX.1562008 | A | G | 0.1528 | 3954 |
| 19 chrX.1566164 | A | G | 0.1547 | 3996 |
| 19 chrX.1569649 | A | G | 0.1813 | 3998 |
| 19 chrX.1574519 | C | A | 0.159 | 3968 |
| 19 chrX.1578186 | A | G | 0.1485 | 4008 |
| 19 chrX.1584356 | A | G | 0.1978 | 3928 |

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| 19 chrX.1587137A | C | 0.1959 | 3906 |
| 19 chrX.1589987A | G | 0.2014 | 3952 |
| 19 chrX.1592607A | G | 0.3734 | 3940 |
| 19 chrX.1597651G | A | 0.02906 | 3992 |
| 19 chrX.1603736G | A | 0.1241 | 3972 |
| 19 chrX.1608188G | A | 0.2431 | 3998 |
| 19 chrX.1611652C | A | 0.3048 | 3990 |
| 19 chrX.1617203 | 0 G | 0 | 4008 |
| 19 chrX.1617715 | 0 C | 0 | 4002 |
| 19 chrX.1624971G | A | 0.1164 | 3960 |
| 19 chrX.1628120G | A | 0.4774 | 3990 |
| 19 chrX.1631179A | G | 0.3193 | 3984 |
| 19 chrX.1634133A | G | 0.2971 | 3914 |
| 19 chrX.1637552G | A | 0.2919 | 3964 |
| 19 chrX.1641351A | G | 0.02851 | 3998 |
| 19 chrX.1643848G | A | 0.3482 | 3998 |
| 19 chrX.1648174G | A | 0.2126 | 3984 |
| 19 chrX.1655134A | G | 0.1956 | 4008 |
| 19 chrX.1658309G | A | 0.2219 | 3988 |
| 19 chrX.1661832G | A | 0.4142 | 3988 |
| 19 chrX.1665971A | G | 0.3682 | 4006 |
| 19 chrX.1668771A | G | 0.3831 | 3962 |
| 19 chrX.1674013A | G | 0.4432 | 3982 |
| 19 chrX.1679621G | A | 0.03773 | 4002 |
| 19 chrX.1684947A | G | 0.1047 | 3982 |
| 19 chrX.1687997G | A | 0.02148 | 4004 |
| 19 chrX.1689847A | G | 0.4586 | 3958 |
| 19 chrX.1699233A | G | 0.2505 | 3972 |
| 19 chrX.1702643A | G | 0.1727 | 3868 |
| 19 chrX.1705915A | G | 0.3137 | 3998 |
| 19 chrX.1709595A | G | 0.2169 | 4006 |
| 19 chrX.1714728A | G | 0.4812 | 3946 |
| 19 chrX.1717974G | A | 0.3254 | 3992 |
| 19 chrX.1717998 | 0 A | 0 | 4004 |
| 19 chrX.1721057G | A | 0.3246 | 3996 |
| 19 chrX.1723930A | G | 0.3287 | 4004 |
| 19 chrA1.289680A | G | 0.03842 | 4008 |
| 19 chrX.1735846A | G | 0.4774 | 3990 |
| 19 chrX.1742740G | A | 0.3487 | 4004 |
| 19 chrX.1748724G | A | 0.2101 | 3998 |
| 19 chrX.1752905A | G | 0.1586 | 3928 |

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| 19 chrX.1760791G | A | 0.473 | 3994 |
| 19 chrA1.289884A | G | 0.3048 | 3990 |
| 19 chrX.1763989A | G | 0.05741 | 4006 |
| 19 chrX.1778498A | G | 0.08166 | 3980 |
| 19 chrX.1781057A | G | 0.1358 | 3968 |
| 19 chrX.1726392A | G | 0.2991 | 3674 |
| 19 chrX.1783518C | A | 0.08537 | 4006 |
| 19 chrA1.289568A | G | 0.2757 | 3968 |
| 19 chrA1.289512A | G | 0.1531 | 3972 |
| 19 chrX.1791855A | G | 0.1567 | 3964 |
| 19 chrA1.289351G | A | 0.1232 | 4002 |
| 19 chrA1.289300A | G | 0.1253 | 3854 |
| 19 chrX.1806530A | G | 0.07415 | 3884 |
| 19 chrX.1810457A | C | 0.02228 | 3860 |
| 19 chrX.1816929G | A | 0.1009 | 3996 |
| 19 chrA1.289069A | C | 0.09799 | 3980 |
| 19 chrX.1820421A | G | 0.1018 | 3980 |
| 19 chrA1.288988A | G | 0.101 | 4010 |
| 19 chrA1.288959G | A | 0.1017 | 3934 |
| 19 chrA1.288814A | C | 0.3152 | 3960 |
| 19 chrA1.288632C | A | 0.3368 | 3994 |
| 19 chrA1.288521A | G | 0.07211 | 3994 |
| 19 chrA1.288447A | G | 0.2966 | 3998 |
| 19 chrA1.288361A | G | 0.315 | 4000 |
| 19 chrA1.288335G | A | 0.4718 | 3968 |
| 19 chrA1.288249C | A | 0.295 | 4000 |
| 19 chrX.1860199C | G | 0.1962 | 4002 |
| 19 chrA1.288184A | G | 0.2637 | 3970 |
| 19 chrX.1865655A | G | 0.2162 | 3820 |
| 19 chrX.1869678A | C | 0.2508 | 3804 |
| 19 chrA1.288072A | G | 0.276 | 3996 |
| 19 chrA1.287994A | G | 0.006484 | 4010 |
| 19 chrA1.287884C | A | 0.0281 | 3986 |
| 19 chrA1.287787G | A | 0.3889 | 3962 |
| 19 chrA1.287757G | A | 0.491 | 3994 |
| 19 chrA1.287699C | A | 0.4232 | 3984 |
| 19 chrA1.287668A | G | 0.3371 | 3996 |
| 19 chrA1.287632A | G | 0.007236 | 4008 |
| 19 chrX.1893718A | G | 0.1053 | 3970 |
| 19 chrA1.287392G | A | 0.4281 | 3992 |
| 19 chrA1.287282G | A | 0.4476 | 3986 |

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| 19 chrA1.287242A | G | 0.3288 | 3984 |
| 19 chrA1.287158G | A | 0.416 | 4000 |
| 19 chrA1.287102A | C | 0.3027 | 3974 |
| 19 chrX.1917397A | G | 0.3352 | 3962 |
| 19 chrX.1919962G | A | 0.3412 | 3980 |
| 19 chrX.1927358G | A | 0.4203 | 3988 |
| 19 chrX.1931064 | 0 G | 0 | 4006 |
| 19 chrX.1935099A | C | 0.3647 | 3998 |
| 19 chrX.1937360A | C | 0.002002 | 3996 |
| 19 chrX.1937914A | G | 0.4169 | 3972 |
| 19 chrX.1941141A | G | 0.3738 | 3906 |
| 19 chrX.1955396G | A | 0.416 | 4000 |
| 19 chrX.1959667C | A | 0.3963 | 3654 |
| 19 chrX.1964086A | C | 0.3491 | 3956 |
| 19 chrX.1968394G | A | 0.2142 | 3846 |
| 19 chrX.1973055A | G | 0.4716 | 3978 |
| 19 chrX.1975426G | A | 0.4657 | 3968 |
| 19 chrX.1981907A | G | 0.4769 | 3854 |
| 19 chrX.1993622G | A | 0.4529 | 3868 |
| 19 chrX.1998574A | C | 0.2284 | 3966 |
| 19 chrX.1999585 | 0 G | 0 | 4010 |
| 19 chrX.2000996G | A | 0.4532 | 3934 |
| 19 chrX.2003891G | A | 0.45 | 3920 |
| 19 chrX.2006438G | A | 0.4744 | 3950 |
| 19 chrX.2016145A | G | 0.4349 | 3992 |
| 19 chrX.2018724G | A | 0.1955 | 3970 |
| 19 chrX.2022412G | A | 0.0004988 | 4010 |
| 19 chrX.2026370A | G | 0.247 | 3996 |
| 19 chrX.2041262A | G | 0.4234 | 3994 |
| 19 chrX.2044934G | A | 0.3613 | 3980 |
| 19 chrX.2057201C | A | 0.4169 | 3924 |
| 19 chrX.2060447A | G | 0.1074 | 3984 |
| 19 chrX.2063574G | A | 0.423 | 3920 |
| 19 chrX.2066267A | G | 0.1548 | 3824 |
| 19 chrX.2068725G | A | 0.2025 | 4004 |
| 19 chrX.2075575C | A | 0.0002534 | 3946 |
| 19 chrX.2095521A | G | 0.1995 | 3914 |
| 19 chrX.2098944G | A | 0.4064 | 3888 |
| 19 chrX.2105044G | A | 0.4213 | 3938 |
| 19 chrX.2114760A | G | 0.177 | 3672 |
| 19 chrX.2122559A | G | 0.1084 | 3984 |

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| 19 chrX.2125327A | G | 0.3645 | 3874 |
| 19 chrX.2134991G | A | 0.1069 | 4004 |
| 19 chrX.2140112A | G | 0.1095 | 3964 |
| 19 chrX.2143883G | A | 0.1606 | 4004 |
| 19 chrX.2148690G | A | 0.4244 | 3984 |
| 19 chrX.2151995C | A | 0.427 | 4002 |
| 19 chrX.2155285G | A | 0.2369 | 3998 |
| 19 chrX.2160290A | G | 0.2373 | 4004 |
| 19 chrX.2163451G | A | 0.1035 | 3922 |
| 19 chrX.2167563G | A | 0.2378 | 4004 |
| 19 chrX.2169930A | G | 0.2369 | 4002 |
| 19 chrX.2173995G | A | 0.2381 | 4002 |
| 19 chrX.2177881A | G | 0.237 | 4000 |
| 19 chrX.2184567G | A | 0.1465 | 4008 |
| 19 chrX.2188985A | G | 0.1468 | 3964 |
| 19 chrX.2196636A | G | 0.0336 | 3958 |
| 19 chrX.2207431G | A | 0.03079 | 3930 |
| 19 chrX.2210440G | A | 0.4353 | 3972 |
| 19 chrX.2213053A | G | 0.2728 | 3846 |
| 19 chrX.2218268C | A | 0.3234 | 3946 |
| 19 chrX.2222880 | 0 G | 0 | 4010 |
| 19 chrX.2225218C | A | 0.3987 | 3958 |
| 19 chrX.2227018 | 0 G | 0 | 4008 |
| 19 chrX.2231645A | G | 0.02621 | 3968 |
| 19 chrX.2234642G | A | 0.3884 | 3942 |
| 19 chrX.2239620A | G | 0.3799 | 3972 |
| 19 chrX.2241990A | G | 0.3935 | 3850 |
| 19 chrX.2246155A | G | 0.4551 | 3988 |
| 19 chrX.2248878G | A | 0.1682 | 3930 |
| 19 chrX.2258115A | C | 0.2734 | 3994 |
| 19 chrX.2267333 | 0 A | 0 | 4002 |
| 19 chrX.2276367G | A | 0.3108 | 4000 |
| 19 chrX.2281014A | C | 0.27 | 3996 |
| 19 chrX.2285115C | A | 0.3397 | 3992 |
| 19 chrX.2271028A | G | 0.253 | 3976 |
| 19 chrX.2290577A | G | 0.07969 | 3978 |
| 19 chrX.2296630A | G | 0.2701 | 3858 |
| 19 chrX.2305852A | G | 0.3644 | 3990 |
| 19 chrX.2308434 | 0 G | 0 | 4010 |
| 19 chrX.2310178G | A | 0.3071 | 4002 |
| 19 chrX.2317367A | G | 0.3833 | 4002 |

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| 19 chrX.2321672 | G A | 0.4309 | 3952 |
| 19 chrX.2324207 | A G | 0.2906 | 3954 |
| 19 chrX.2328437 | G A | 0.2766 | 4002 |
| 19 chrX.2331885 | G A | 0.07419 | 3882 |
| 19 chrX.2336604 | G A | 0.03596 | 4004 |
| 19 chrX.2339854 | A G | 0.4025 | 3916 |
| 19 chrX.2347156 | G A | 0.4363 | 4006 |
| 19 chrX.2350696 | C A | 0.4851 | 3962 |
| 19 chrX.2354706 | C A | 0.1343 | 4006 |
| 19 chrX.2359623 | A G | 0.1285 | 3976 |
| 19 chrX.2363259 | G A | 0.2382 | 3976 |
| 19 chrX.2366325 | G A | 0.1279 | 3972 |
| 19 chrX.2370798 | A G | 0.2179 | 3928 |
| 19 chrX.2375089 | A G | 0.4873 | 4002 |
| 19 chrX.2376759 | G A | 0.3774 | 3990 |
| 19 chrX.2379346 | A 0 | 0 | 4008 |
| 19 chrX.2384622 | A G | 0.2452 | 4000 |
| 19 chrX.2393250 | A C | 0.008329 | 3962 |
| 19 chrX.2402721 | G A | 0.006487 | 4008 |
| 19 chrX.2407078 | C A | 0.399 | 3830 |
| 19 chrX.2409912 | G A | 0.09157 | 4008 |
| 19 chrX.2414847 | G A | 0.4766 | 3970 |
| 19 chrX.2424643 | G A | 0.2834 | 3956 |
| 19 chrX.2428201 | A G | 0.1606 | 3998 |
| 19 chrX.2435272 | G A | 0.006256 | 3996 |
| 19 chrX.2438712 | G A | 0.3643 | 4000 |
| 19 chrX.2442286 | A G | 0.2044 | 3914 |
| 19 chrX.2445732 | G A | 0.3124 | 3902 |
| 19 chrX.2450234 | C A | 0.1893 | 3998 |
| 19 chrX.2455631 | A C | 0.2564 | 3994 |
| 19 chrX.2460426 | A C | 0.08589 | 3842 |
| 19 chrX.2464945 | A G | 0.1459 | 3988 |
| 19 chrX.2469647 | G A | 0.3104 | 3998 |
| 19 chrUn1.1329 | A G | 0.4587 | 3922 |
| 19 chrX.2473133 | G A | 0.1108 | 4000 |
| 19 chrX.2476940 | A G | 0.09386 | 4006 |
| 19 chrX.2480152 | A G | 0.3493 | 3948 |
| 19 chrX.2483868 | G A | 0.395 | 4000 |
| 19 chrX.2487924 | G A | 0.18 | 3938 |
| 19 chrX.2502389 | A G | 0.004016 | 3984 |
| 19 chrX.2515366 | C A | 0.3426 | 4002 |

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| 19 chrX.2520138G | A | 0.3394 | 3998 |
| 19 chrX.2523163G | A | 0.3675 | 3976 |
| 19 chrX.2529312G | A | 0.3826 | 3988 |
| 19 chrX.2532781A | C | 0.2663 | 3962 |
| 19 chrX.2537292G | A | 0.2237 | 4006 |
| 19 chrX.2539810G | A | 0.1902 | 3970 |
| 19 chrB4.221779G | A | 0.1014 | 4002 |
| 19 chrX.2544816G | A | 0.213 | 3986 |
| 19 chrX.2548955C | A | 0.1004 | 4004 |
| 19 chrX.2552896A | G | 0.1319 | 4002 |
| 19 chrX.2563341A | G | 0.4678 | 3978 |
| 19 chrX.2566361G | A | 0.1851 | 3738 |
| 19 chrX.2568425A | G | 0.04372 | 3934 |
| 19 chrX.2572650A | C | 0.08467 | 4004 |
| 19 chrX.2580363C | A | 0.2852 | 3990 |
| 19 chrX.2588888C | A | 0.3611 | 3980 |
| 19 chrX.2591469G | A | 0.4797 | 3896 |
| 19 chrX.2595170A | G | 0.227 | 3948 |
| 19 chrX.2607431A | G | 0.2545 | 3980 |
| 19 chrX.2611724G | A | 0.08029 | 3948 |
| 19 chrX.2611779 | 0 A | 0 | 4008 |
| 19 chrX.2623945A | G | 0.2207 | 4006 |
| 19 chrX.2635006G | A | 0.2635 | 4000 |
| 19 chrX.2640088G | A | 0.3285 | 3988 |
| 19 chrX.2643423A | G | 0.2667 | 3974 |
| 19 chrX.2647800G | A | 0.4913 | 3698 |
| 19 chrX.2650773C | A | 0.4644 | 3964 |
| 19 chrX.2661380A | G | 0.2304 | 4006 |
| 19 chrX.2669708A | G | 0.055 | 4000 |
| 19 chrX.2676202G | A | 0.3009 | 3812 |
| 19 chrX.2679216A | G | 0.07875 | 3746 |
| 19 chrX.2683448A | G | 0.3415 | 3924 |
| 19 chrX.2686131C | A | 0.1298 | 4006 |
| 19 chrX.2687813G | A | 0.2633 | 3958 |
| 19 chrX.2688737G | A | 0.1265 | 4000 |
| 19 chrX.2691318G | A | 0.2274 | 3998 |
| 19 chrX.2697854A | G | 0.4618 | 3928 |
| 19 chrX.2700737C | A | 0.1922 | 3996 |
| 19 chrX.2704454A | C | 0.4842 | 3998 |
| 19 chrX.2709410C | A | 0.4415 | 3878 |
| 19 chrX.2715509G | A | 0.1513 | 3780 |

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| 19 chrX.2721146A | G | 0.4444 | 3990 |
| 19 chrX.2725666A | C | 0.2424 | 4006 |
| 19 chrX.2729591A | G | 0.01187 | 3876 |
| 19 chrX.2731963G | A | 0.07704 | 3842 |
| 19 chrX.2747451A | G | 0.2436 | 3892 |
| 19 chrX.2755802A | G | 0.292 | 3802 |
| 19 chrX.2766199G | 0 A | 0 | 4010 |
| 19 chrX.2770198A | C | 0.1879 | 3980 |
| 19 chrX.2776573A | G | 0.42 | 3976 |
| 19 chrX.2779736A | G | 0.1986 | 3912 |
| 19 chrX.2787772G | A | 0.3337 | 3992 |
| 19 chrX.2792912A | G | 0.1324 | 3972 |
| 19 chrX.2798032A | G | 0.323 | 3960 |
| 19 chrX.2800642C | A | 0.124 | 3904 |
| 19 chrX.2805698G | A | 0.4769 | 3902 |
| 19 chrX.2821093A | G | 0.4921 | 3802 |
| 19 chrX.2824684A | G | 0.1998 | 4004 |
| 19 chrX.2831203A | C | 0.412 | 3876 |
| 19 chrX.2832886C | A | 0.1763 | 4000 |
| 19 chrX.2835272G | A | 0.1069 | 3966 |
| 19 chrX.2839706A | G | 0.1843 | 3902 |
| 19 chrX.2842819G | A | 0.4296 | 3964 |
| 19 chrX.2845619C | A | 0.4509 | 3790 |
| 19 chrX.2852111A | C | 0.1859 | 3926 |
| 19 chrX.2855339G | A | 0.001003 | 3990 |
| 19 chrX.2857795A | G | 0.1895 | 3852 |
| 19 chrX.2860700A | G | 0.4713 | 3966 |
| 19 chrX.2866138A | G | 0.2883 | 3968 |
| 19 chrX.2873260A | G | 0.3053 | 4000 |
| 19 chrX.2877145A | G | 0.429 | 4002 |
| 19 chrX.2880828G | A | 0.2105 | 3748 |
| 19 chrX.2887371G | A | 0.1807 | 4000 |
| 19 chrX.2890616G | A | 0.4158 | 3968 |
| 19 chrX.2893214A | C | 0.0002494 | 4010 |
| 19 chrX.2900682G | A | 0.3608 | 4002 |
| 19 chrX.2905980C | A | 0.1016 | 3886 |
| 19 chrX.2908960A | G | 0.2349 | 3972 |
| 19 chrX.2917021A | G | 0.2533 | 3920 |
| 19 chrX.2921113A | G | 0.2763 | 3988 |
| 19 chrX.2923779A | G | 0.0007481 | 4010 |
| 19 chrX.2925478G | A | 0.05308 | 3674 |

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| 19 chrX.2932231A | C | 0.00998 | 4008 |
| 19 chrX.294160C G | A | 0.03604 | 3968 |
| 19 chrX.295577C G | A | 0.001506 | 3984 |
| 19 chrX.2960414A | G | 0.1847 | 3996 |
| 19 chrX.2963164C | A | 0.01654 | 3870 |
| 19 chrX.296758C A | G | 0.01609 | 3916 |
| 19 chrX.2972722A | G | 0.007599 | 3948 |
| 19 chrX.2980933A | C | 0.1966 | 3982 |
| 19 chrUn.48107C G | A | 0.1888 | 3908 |
| 19 chrX.298392C G | A | 0.2024 | 3898 |
| 19 chrX.2986493A | G | 0.1916 | 3894 |
| 19 chrX.2991955G | A | 0.2144 | 3708 |
| 19 chrX.2997084G | A | 0.2005 | 3986 |
| 19 chrX.300319C G | A | 0.2394 | 3948 |
| 19 chrX.3008695G | A | 0.0922 | 4002 |
| 19 chrX.3011911G | A | 0.2048 | 3994 |
| 19 chrX.3018024G | A | 0.01847 | 4006 |
| 19 chrX.3030215G | A | 0.1482 | 4002 |
| 19 chrX.3034328C | A | 0.214 | 3996 |
| 19 chrX.3041445A | G | 0.04384 | 3992 |
| 19 chrX.3045898C | A | 0.04707 | 3930 |
| 19 chrX.304836C C | A | 0.4599 | 3944 |
| 19 chrX.3052024G | A | 0.3224 | 3924 |
| 19 chrX.3055302A | G | 0.1609 | 4002 |
| 19 chrX.3060846C | A | 0.1906 | 4004 |
| 19 chrX.3063571G | A | 0.2738 | 3974 |
| 19 chrX.3066022A | C | 0.1191 | 3930 |
| 19 chrX.3068621A | G | 0.2277 | 3966 |
| 19 chrX.3072039C | A | 0.191 | 3984 |
| 19 chrX.3075879A | G | 0.173 | 3966 |
| 19 chrX.3081873A | G | 0.2596 | 4002 |
| 19 chrX.3087593G | A | 0.2154 | 3984 |
| 19 chrX.309462C C | A | 0.4216 | 3816 |
| 19 chrX.3099396G | A | 0.3191 | 4002 |
| 19 chrX.310817C G | A | 0.2404 | 4002 |
| 19 chrX.3111271C | A | 0.2026 | 4002 |
| 19 chrX.311826C G | A | 0.1601 | 4004 |
| 19 chrX.3123299C | A | 0.3661 | 3936 |
| 19 chrX.3128698G | A | 0.1177 | 3884 |
| 19 chrX.3134613C | A | 0.3013 | 4006 |
| 19 chrX.3137797A | G | 0.4757 | 3988 |

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| 19 chrX.3154208C | A | 0.4875 | 4006 |
| 19 chrX.3170171G | A | 0.1528 | 3992 |
| 19 chrX.3173145C | A | 0.1168 | 3990 |
| 19 chrX.3178071G | A | 0.2941 | 3978 |
| 19 chrX.3186215A | G | 0.2521 | 3998 |
| 19 chrX.3188321G | A | 0.0002494 | 4010 |
| 19 chrX.3190592G | A | 0.4744 | 3992 |
| 19 chrX.3193294A | G | 0.3861 | 4002 |
| 19 chrX.3201756G | A | 0.4515 | 3996 |
| 19 chrX.3204966A | G | 0.3468 | 3994 |
| 19 chrX.3209675A | G | 0.377 | 4000 |
| 19 chrX.3214342G | A | 0.05248 | 3944 |
| 19 chrX.3217370G | A | 0.04391 | 4008 |
| 19 chrX.3220777G | A | 0.1135 | 4000 |
| 19 chrX.3229677A | G | 0.2974 | 4008 |
| 19 chrX.3237435A | G | 0.1224 | 4002 |
| 19 chrX.3241528A | G | 0.1393 | 4006 |
| 19 chrX.3246094A | G | 0.4295 | 4000 |
| 19 chrX.3252817G | A | 0.4756 | 3980 |
| 19 chrX.3262649A | G | 0.2638 | 3938 |
| 19 chrX.3273022G | A | 0.06572 | 4002 |
| 19 chrX.3280394A | G | 0.3838 | 3994 |
| 19 chrX.3283600A | G | 0.4785 | 3998 |
| 19 chrC2.131055A | C | 0.2307 | 3970 |
| 19 chrX.3286584A | G | 0.2623 | 3996 |
| 19 chrX.3294031A | G | 0.03822 | 3820 |
| 19 chrX.3303641A | G | 0.1542 | 3970 |
| 19 chrX.3308520A | G | 0.427 | 3974 |
| 19 chrX.3313882A | G | 0.307 | 3980 |
| 19 chrX.3319298A | G | 0.3143 | 3996 |
| 19 chrX.3323168A | G | 0.1945 | 3994 |
| 19 chrX.3325788G | A | 0.1975 | 3874 |
| 19 chrX.3329945A | G | 0.01548 | 4006 |
| 19 chrX.3333204A | G | 0.04376 | 3908 |
| 19 chrX.3336569C | A | 0.2059 | 3972 |
| 19 chrX.3340366G | A | 0.1582 | 3994 |
| 19 chrUn.798097A | C | 0.4312 | 3984 |
| 19 chrX.3347970A | G | 0.2613 | 3996 |
| 19 chrX.3349724A | G | 0.2688 | 3996 |
| 19 chrX.3360435G | A | 0.2842 | 3902 |
| 19 chrX.3368057A | G | 0.2173 | 3986 |

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| 19 chrX.3373148C | A | 0.4171 | 3982 |
| 19 chrX.3377975A | G | 0.08916 | 4004 |
| 19 chrX.3380425G | A | 0.229 | 4000 |
| 19 chrX.3383122G | A | 0.3641 | 3966 |
| 19 chrX.3386395A | G | 0.1442 | 3938 |
| 19 chrX.3390418A | G | 0.4409 | 3990 |
| 19 chrX.3393890A | G | 0.1949 | 3992 |
| 19 chrX.3396654A | G | 0.3218 | 3944 |
| 19 chrX.3401092C | A | 0.2665 | 4004 |
| 19 chrX.3404001A | G | 0.4367 | 3998 |
| 19 chrX.3407104A | G | 0.4246 | 3994 |
| 19 chrX.3411642A | G | 0.4813 | 4002 |
| 19 chrX.3414220C | A | 0.4254 | 4008 |
| 19 chrX.3418647C | A | 0.2939 | 3964 |
| 19 chrX.3436535A | G | 0.2184 | 3974 |
| 19 chrX.3442108C | A | 0.4808 | 3960 |
| 19 chrX.3445068A | C | 0.06486 | 3654 |
| 19 chrX.3458681A | G | 0.386 | 3826 |
| 19 chrX.3465268A | G | 0.4068 | 3992 |
| 19 chrX.3469324A | G | 0.3225 | 3854 |
| 19 chrX.3472695A | C | 0.1713 | 3994 |
| 19 chrX.3476124G | A | 0.1679 | 3966 |
| 19 chrX.3478945A | G | 0.0007481 | 4010 |
| 19 chrX.3483504A | G | 0.4314 | 3924 |
| 19 chrX.3487786G | A | 0.3665 | 3716 |
| 19 chrX.3490807G | A | 0.02095 | 4010 |
| 19 chrX.3497484G | A | 0.3173 | 4002 |
| 19 chrX.3507642G | A | 0.1075 | 3946 |
| 19 chrX.3513460C | A | 0.2024 | 3992 |
| 19 chrX.3514985G | A | 0.3579 | 3996 |
| 19 chrX.3518442G | A | 0.3614 | 3990 |
| 19 chrX.3522177A | G | 0.468 | 3902 |
| 19 chrX.3527634G | A | 0.4729 | 3986 |
| 19 chrX.3535622G | A | 0.3438 | 4002 |
| 19 chrX.3542622A | G | 0.4206 | 3992 |
| 19 chrX.3548204A | G | 0.4375 | 3806 |
| 19 chrX.3552694G | A | 0.433 | 3998 |
| 19 chrX.3555161A | G | 0.4315 | 3986 |
| 19 chrX.3560005A | G | 0.2156 | 3956 |
| 19 chrX.3564935A | G | 0.2253 | 4004 |
| 19 chrX.3569135A | G | 0.4473 | 4006 |

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| 19 chrX.3579665 | A | G | 0.3156 | 3996 |
| 19 chrX.3582534 | A | G | 0.4425 | 3894 |
| 19 chrX.3586622 | G | A | 0.3656 | 3982 |
| 19 chrX.3592226 | C | A | 0.3529 | 3956 |
| 19 chrX.3599176 | G | A | 0.3377 | 4000 |
| 19 chrX.3603858 | G | A | 0.3356 | 3936 |
| 19 chrX.3607638 | G | A | 0.3396 | 3984 |
| 19 chrX.3611139 | G | A | 0.3558 | 3890 |
| 19 chrUn.557520 | | 0 A | 0 | 4010 |
| 19 chrX.3613692 | A | G | 0.2182 | 3942 |
| 19 chrX.3617017 | G | A | 0.3367 | 3918 |
| 19 chrX.3628528 | C | A | 0.2019 | 3972 |
| 19 chrX.3633680 | A | G | 0.3449 | 3966 |
| 19 chrX.3636581 | A | G | 0.3431 | 3978 |
| 19 chrX.3640539 | A | C | 0.1954 | 4008 |
| 19 chrX.3644579 | A | C | 0.1926 | 3966 |
| 19 chrX.3648554 | G | A | 0.1943 | 4000 |
| 19 chrX.3653323 | C | A | 0.3433 | 3944 |
| 19 chrX.3659011 | A | G | 0.4338 | 3988 |
| 19 chrX.3667351 | A | G | 0.4388 | 3968 |
| 19 chrX.3671113 | G | A | 0.3382 | 3900 |
| 19 chrX.3678402 | A | G | 0.1972 | 4006 |
| 19 chrX.3682777 | A | G | 0.3266 | 3944 |
| 19 chrX.3688231 | G | A | 0.02674 | 3890 |
| 19 chrX.3690951 | G | A | 0.2227 | 3970 |
| 19 chrX.3697066 | G | A | 0.02528 | 3916 |
| 19 chrX.3699900 | A | G | 0.06435 | 3994 |
| 19 chrX.3704675 | G | A | 0.002745 | 4008 |
| 19 chrX.3712373 | G | A | 0.2813 | 3988 |
| 19 chrX.3714908 | G | A | 0.2011 | 3998 |
| 19 chrX.3719591 | G | A | 0.2015 | 4004 |
| 19 chrX.3728918 | C | A | 0.2919 | 4002 |
| 19 chrX.3732252 | A | G | 0.2325 | 4000 |
| 19 chrX.3738843 | A | G | 0.001746 | 4010 |
| 19 chrX.3739013 | A | G | 0.01117 | 3850 |
| 19 chrX.3747704 | G | A | 0.292 | 4004 |
| 19 chrX.3750532 | G | A | 0.29 | 4004 |
| 19 chrX.3753542 | G | A | 0.2508 | 4000 |
| 19 chrX.3756400 | C | A | 0.2899 | 4008 |
| 19 chrX.3760103 | A | G | 0.001747 | 4008 |
| 19 chrX.3767217 | G | A | 0.2863 | 3916 |

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| 19 chrX.3773415A | G | 0.235 | 3936 |
| 19 chrX.3776534A | G | 0.2101 | 4008 |
| 19 chrX.3782526A | G | 0.2099 | 3988 |
| 19 chrX.3786846G | A | 0.2798 | 3942 |
| 19 chrX.3790025C | A | 0.2922 | 3830 |
| 19 chrX.3799998G | A | 0.1144 | 3994 |
| 19 chrX.3807356C | A | 0.2131 | 3956 |
| 19 chrX.3812095 | 0 A | 0 | 4008 |
| 19 chrX.3816545G | A | 0.3192 | 3700 |
| 19 chrX.3819814A | G | 0.09202 | 3912 |
| 19 chrX.3822835A | G | 0.1566 | 3998 |
| 19 chrX.3830476A | G | 0.2765 | 3950 |
| 19 chrX.3833043A | G | 0.002037 | 3928 |
| 19 chrX.3836943G | A | 0.3762 | 3942 |
| 19 chrX.3840211A | G | 0.2873 | 4000 |
| 19 chrX.3844891G | A | 0.2866 | 4002 |
| 19 chrX.3849514T | A | 0.2264 | 3980 |
| 19 chrX.3852795A | G | 0.2238 | 3968 |
| 19 chrD1.151187A | C | 0.2274 | 3980 |
| 19 chrX.3855775G | A | 0.2977 | 3994 |
| 19 chrX.3863804A | C | 0.2148 | 3682 |
| 19 chrX.3867145C | G | 0.3918 | 3936 |
| 19 chrX.3873335A | G | 0.3951 | 3974 |
| 19 chrX.3878130A | G | 0.3905 | 3974 |
| 19 chrX.3884285G | A | 0.3975 | 3950 |
| 19 chrX.3888306A | G | 0.3813 | 3750 |
| 19 chrX.3891733A | G | 0.3517 | 3878 |
| 19 chrX.3894501G | A | 0.3454 | 3992 |
| 19 chrX.3899053G | A | 0.3842 | 3964 |
| 19 chrX.3904315A | G | 0.002527 | 3958 |
| 19 chrX.3913840A | G | 0.2298 | 3952 |
| 19 chrX.3920700G | A | 0.04298 | 4002 |
| 19 chrX.3923184A | G | 0.1432 | 3994 |
| 19 chrX.3929207A | G | 0.13 | 4000 |
| 19 chrX.3932115G | A | 0.1672 | 3840 |
| 19 chrX.3936503C | A | 0.1317 | 3942 |
| 19 chrX.3944152G | A | 0.0422 | 3910 |
| 19 chrX.3949025A | G | 0.02544 | 4010 |
| 19 chrX.3951795G | A | 0.1856 | 3954 |
| 19 chrX.3960747 | 0 A | 0 | 4000 |
| 19 chrX.3960755 | 0 G | 0 | 4010 |

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| 19 chrX.3965761G | C | 0.232 | 3948 |
| 19 chrX.374463C A | G | 0.2592 | 3896 |
| 19 chrX.3975791G | A | 0.02871 | 4006 |
| 19 chrX.398147E | 0 G | 0 | 4010 |
| 19 chrX.3996071C | A | 0.004366 | 3894 |
| 19 chrX.400150E | 0 A | 0 | 4010 |
| 19 chrX.400859E A | G | 0.1674 | 4002 |
| 19 chrX.401515E G | A | 0.1401 | 3862 |
| 19 chrX.401754E G | A | 0.1688 | 3994 |
| 19 chrX.403681E G | A | 0.1569 | 3914 |
| 19 chrX.404411E G | A | 0.1703 | 3982 |
| 19 chrX.4046901A | G | 0.04013 | 3838 |
| 19 chrX.404934E G | A | 0.183 | 3994 |
| 19 chrX.405315C G | A | 0.2855 | 3968 |
| 19 chrX.405771E A | C | 0.1262 | 4000 |
| 19 chrX.4066951A | G | 0.0322 | 4006 |
| 19 chrX.407200E A | G | 0.2293 | 3986 |
| 19 chrX.407460E A | G | 0.139 | 3964 |
| 19 chrX.407926E C | A | 0.2508 | 3988 |
| 19 chrX.4083091A | G | 0.1544 | 4010 |
| 19 chrX.408815E A | G | 0.1549 | 3984 |
| 19 chrX.409553E G | A | 0.1413 | 3998 |
| 19 chrX.4107041A | G | 0.04244 | 4006 |
| 19 chrX.411225E G | A | 0.1925 | 3980 |
| 19 chrX.411628E A | G | 0.03163 | 3920 |
| 19 chrX.412111E A | C | 0.03867 | 4008 |
| 19 chrX.412985E G | A | 0.2982 | 3994 |
| 19 chrX.413318E C | A | 0.03844 | 4006 |
| 19 chrX.415367E G | A | 0.02946 | 4006 |
| 19 chrX.415520E | 0 G | 0 | 4008 |
| 19 chrX.415637E A | G | 0.3309 | 3944 |
| 19 chrX.4161721A | G | 0.2358 | 4000 |
| 19 chrX.416406E G | A | 0.176 | 4006 |
| 19 chrX.417652E G | A | 0.2025 | 3950 |
| 19 chrX.418099E A | G | 0.2093 | 3952 |
| 19 chrX.418100E A | G | 0.213 | 3996 |
| 19 chrX.418371E A | G | 0.1965 | 3954 |
| 19 chrX.418785E G | A | 0.2106 | 3998 |
| 19 chrX.419321E A | G | 0.21 | 4000 |
| 19 chrX.419720E G | A | 0.302 | 3994 |
| 19 chrX.420256C A | G | 0.1748 | 3988 |

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| 19 chrX.4211242 | A | G | 0.3098 | 3996 |
| 19 chrX.4216924 | G | A | 0.2986 | 3868 |
| 19 chrX.4221068 | A | G | 0.004489 | 4010 |
| 19 chrX.4224685 | G | A | 0.226 | 4004 |
| 19 chrX.4234776 | A | G | 0.2298 | 3990 |
| 19 chrX.4242206 | A | G | 0.3573 | 3988 |
| 19 chrX.4253892 | G | A | 0.001496 | 4010 |
| 19 chrX.4256936 | C | 0 C | 0 | 4010 |
| 19 chrX.4262525 | C | A | 0.07928 | 3986 |
| 19 chrX.4278903 | G | A | 0.46 | 3996 |
| 19 chrX.4284608 | G | A | 0.3051 | 3986 |
| 19 chrX.4286985 | A | G | 0.3329 | 3956 |
| 19 chrX.4290245 | G | A | 0.3786 | 3996 |
| 19 chrX.4296117 | A | G | 0.386 | 4000 |
| 19 chrX.4302161 | G | A | 0.3615 | 3986 |
| 19 chrX.4304597 | A | G | 0.1406 | 3996 |
| 19 chrX.4307368 | C | A | 0.4568 | 3890 |
| 19 chrX.4310535 | A | G | 0.174 | 4000 |
| 19 chrX.4313764 | A | C | 0.06097 | 3756 |
| 19 chrX.4314727 | G | A | 0.1403 | 3892 |
| 19 chrX.4320735 | A | G | 0.03731 | 3994 |
| 19 chrX.4327486 | A | G | 0.2107 | 4006 |
| 19 chrX.4330187 | A | G | 0.1225 | 3992 |
| 19 chrX.4332973 | G | A | 0.3089 | 3972 |
| 19 chrX.4340965 | G | A | 0.1063 | 3990 |
| 19 chrX.4349230 | G | A | 0.1273 | 3936 |
| 19 chrX.4352723 | A | G | 0.01297 | 4008 |
| 19 chrX.4359740 | G | A | 0.2409 | 3998 |
| 19 chrX.4362127 | G | A | 0.4922 | 3976 |
| 19 chrX.4370211 | A | 0 C | 0 | 3992 |
| 19 chrX.4371325 | A | G | 0.282 | 4000 |
| 19 chrX.4374291 | G | A | 0.07164 | 4006 |
| 19 chrX.4377980 | G | A | 0.1324 | 4004 |
| 19 chrX.4378374 | G | A | 0.4309 | 3968 |
| 19 chrX.4381493 | G | A | 0.3765 | 4000 |
| 19 chrX.4383955 | G | A | 0.425 | 3998 |
| 19 chrX.4386332 | A | G | 0.3252 | 3992 |
| 19 chrX.4396958 | G | A | 0.05155 | 3996 |
| 19 chrX.4402970 | A | G | 0.4915 | 3890 |
| 19 chrX.4407795 | G | A | 0.2293 | 4004 |
| 19 chrX.4411094 | G | A | 0.1277 | 4002 |

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| 19 chrX.4414746A | G | 0.1511 | 3978 |
| 19 chrX.4418587G | A | 0.1613 | 3900 |
| 19 chrX.4421859G | A | 0.05408 | 3920 |
| 19 chrX.4423148C | A | 0.3669 | 3914 |
| 19 chrX.4429057A | G | 0.2899 | 3998 |
| 19 chrX.4432472G | A | 0.3432 | 4004 |
| 19 chrX.4436292A | G | 0.274 | 4004 |
| 19 chrX.4441865A | G | 0.1997 | 3916 |
| 19 chrX.4446027A | G | 0.1635 | 3950 |
| 19 chrX.4452803A | G | 0.308 | 3990 |
| 19 chrX.4464381G | A | 0.4744 | 3910 |
| 19 chrX.4467743A | G | 0.2036 | 3968 |
| 19 chrX.4470111G | A | 0.3114 | 3982 |
| 19 chrX.4474425A | C | 0.4203 | 3990 |
| 19 chrX.4481398A | G | 0.4591 | 3982 |
| 19 chrX.4487933A | G | 0.2812 | 3890 |
| 19 chrX.4492192A | G | 0.3443 | 3944 |
| 19 chrX.4495245A | G | 0.07246 | 4002 |
| 19 chrX.4499243A | G | 0.05382 | 3958 |
| 19 chrX.4507555A | G | 0.4985 | 3918 |
| 19 chrX.4512835G | A | 0.1917 | 3970 |
| 19 chrX.4517154A | G | 0.06815 | 4006 |
| 19 chrX.4520786G | A | 0.2162 | 3982 |
| 19 chrX.4530335C | A | 0.1938 | 3978 |
| 19 chrX.4538459A | G | 0.09974 | 3890 |
| 19 chrX.4544742G | A | 0.0002505 | 3992 |
| 19 chrX.4545835A | G | 0.4444 | 3902 |
| 19 chrX.4550079G | A | 0.2449 | 3994 |
| 19 chrX.4553084A | G | 0.08342 | 3764 |
| 19 chrX.4556274A | G | 0.1067 | 3982 |
| 19 chrX.4559364A | G | 0.2671 | 3968 |
| 19 chrX.4563139A | G | 0.0986 | 4006 |
| 19 chrX.4565575G | A | 0.1092 | 3900 |
| 19 chrX.4572329A | G | 0.07589 | 4006 |
| 19 chrX.4576653G | A | 0.03468 | 4008 |
| 19 chrX.4580616A | G | 0.08012 | 3994 |
| 19 chrX.4588224A | G | 0.2221 | 3966 |
| 19 chrX.4590903A | G | 0.2631 | 3976 |
| 19 chrX.4598267G | A | 0.09016 | 4004 |
| 19 chrX.4601821A | G | 0.08956 | 3964 |
| 19 chrX.4602435A | G | 0.08486 | 3936 |

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| 19 chrX.4604893 | A | C | 0.4355 | 3936 |
| 19 chrX.4607210 | C | G | 0 | 3996 |
| 19 chrX.4607971 | G | A | 0.1913 | 3998 |
| 19 chrX.4611621 | A | G | 0.08167 | 4004 |
| 19 chrX.4614240 | C | A | 0.2613 | 3884 |
| 19 chrX.4619844 | C | A | 0.1274 | 3996 |
| 19 chrX.4623006 | G | A | 0.09664 | 3994 |
| 19 chrX.4632410 | A | C | 0.06159 | 3848 |
| 19 chrX.4638796 | G | A | 0.1667 | 4008 |
| 19 chrX.4642078 | G | A | 0.1953 | 3918 |
| 19 chrX.4647296 | A | G | 0.4338 | 3988 |
| 19 chrX.4655277 | A | G | 0.2839 | 3956 |
| 19 chrX.4655277 | A | G | 0.2595 | 3988 |
| 19 chrX.4662784 | A | C | 0.2943 | 3992 |
| 19 chrX.4669519 | A | C | 0.4785 | 3904 |
| 19 chrX.4674497 | G | A | 0.04523 | 4002 |
| 19 chrX.4682162 | A | G | 0.282 | 3996 |
| 19 chrX.4685603 | A | G | 0.2679 | 3994 |
| 19 chrX.4688530 | A | G | 0.279 | 3850 |
| 19 chrX.4689704 | G | A | 0.2905 | 3980 |
| 19 chrX.4692010 | G | A | 0.1668 | 3964 |
| 19 chrX.4693959 | A | G | 0.3913 | 3992 |
| 19 chrX.4697749 | G | A | 0.08311 | 3790 |
| 19 chrX.4700843 | G | A | 0.3917 | 3988 |
| 19 chrX.4705548 | G | A | 0.07414 | 4006 |
| 19 chrX.4708290 | G | A | 0.1352 | 3986 |
| 19 chrX.4713338 | G | A | 0.4148 | 4004 |
| 19 chrX.4716272 | G | A | 0.3579 | 3984 |
| 19 chrX.4722156 | A | G | 0.05364 | 4008 |
| 19 chrX.4726125 | C | A | 0.02248 | 4004 |
| 19 chrX.4729837 | A | G | 0.4975 | 3998 |
| 19 chrX.4739278 | A | G | 0.2005 | 3840 |
| 19 chrX.4745748 | A | G | 0.1124 | 3934 |
| 19 chrX.4749202 | A | G | 0.26 | 3996 |
| 19 chrX.4754880 | G | A | 0.4093 | 3992 |
| 19 chrX.4757327 | G | A | 0.4764 | 3988 |
| 19 chrX.4762350 | C | A | 0.3463 | 3994 |
| 19 chrX.4765890 | G | A | 0.3875 | 3992 |
| 19 chrX.4769697 | G | A | 0.481 | 3950 |
| 19 chrX.4772984 | A | G | 0.4867 | 3984 |
| 19 chrX.4775500 | A | G | 0.1379 | 4004 |

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| 19 chrX.4780876A | G | 0.4577 | 3998 |
| 19 chrX.4783463G | A | 0.2556 | 3994 |
| 19 chrX.4791195A | G | 0.2665 | 3992 |
| 19 chrX.4817741A | G | 0.3351 | 4002 |
| 19 chrX.4820274A | G | 0.466 | 4000 |
| 19 chrX.4829795G | A | 0.1996 | 3998 |
| 19 chrX.4832615G | A | 0.3242 | 3998 |
| 19 chrX.4835835A | G | 0.1162 | 4002 |
| 19 chrX.4844197A | G | 0.1946 | 4004 |
| 19 chrX.4846787A | G | 0.1188 | 3998 |
| 19 chrX.4849468A | G | 0.2329 | 3942 |
| 19 chrX.4852431A | G | 0.05155 | 3996 |
| 19 chrX.4857922G | A | 0.3601 | 4004 |
| 19 chrX.4867765C | A | 0.446 | 3998 |
| 19 chrX.4872182G | A | 0.3027 | 3984 |
| 19 chrX.4874771G | A | 0.3017 | 4004 |
| 19 chrX.4877511 | 0 C | 0 | 4010 |
| 19 chrX.4881615A | G | 0.2055 | 3908 |
| 19 chrX.4891983 | 0 G | 0 | 4010 |
| 19 chrX.4895493A | C | 0.05639 | 3972 |
| 19 chrX.4897997A | G | 0.2214 | 4006 |
| 19 chrX.4904610A | G | 0.453 | 3978 |
| 19 chrX.4904950G | A | 0.4749 | 3988 |
| 19 chrX.4905285G | A | 0.2832 | 3994 |
| 19 chrX.4911715G | A | 0.462 | 3998 |
| 19 chrX.4914531A | G | 0.4597 | 3824 |
| 19 chrX.4919596G | A | 0.4469 | 3992 |
| 19 chrX.4927448G | A | 0.3536 | 4002 |
| 19 chrX.4950816G | A | 0.2741 | 3878 |
| 19 chrX.4953645C | A | 0.3404 | 3990 |
| 19 chrX.4959977A | G | 0.2419 | 3964 |
| 19 chrX.4962413G | A | 0.4588 | 4002 |
| 19 chrX.4965356A | G | 0.399 | 3970 |
| 19 chrX.4969015A | G | 0.4925 | 4004 |
| 19 chrX.4972645C | A | 0.1955 | 3970 |
| 19 chrX.4981064C | A | 0.4225 | 3988 |
| 19 chrX.4986013A | G | 0.08367 | 3992 |
| 19 chrX.4988684A | G | 0.4235 | 3986 |
| 19 chrX.4992253A | C | 0.2012 | 3922 |
| 19 chrX.4997295G | A | 0.09828 | 3948 |
| 19 chrX.5002383G | A | 0.2293 | 4004 |

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| 19 chrX.5006038C | A | 0.07164 | 3978 |
| 19 chrX.5009149A | G | 0.08092 | 3942 |
| 19 chrX.5017049G | A | 0.005736 | 4010 |
| 19 chrX.5023855G | A | 0.4415 | 4002 |
| 19 chrX.5027063A | G | 0.1114 | 3868 |
| 19 chrX.5030415G | A | 0.45 | 3962 |
| 19 chrX.5032852C | A | 0.432 | 4000 |
| 19 chrX.5042602G | A | 0.2534 | 4006 |
| 19 chrX.5039748A | G | 0.3572 | 3992 |
| 19 chrX.5048349A | G | 0.3783 | 3970 |
| 19 chrX.5052398G | A | 0.05508 | 3994 |
| 19 chrX.5059284A | G | 0.3759 | 4004 |
| 19 chrX.5061732G | A | 0.1315 | 3984 |
| 19 chrX.5071927A | G | 0.1695 | 3988 |
| 19 chrE1.419489A | G | 0.171 | 4000 |
| 19 chrE2.427681A | G | 0.4406 | 3976 |
| 19 chrE2.427375G | A | 0.4082 | 3998 |
| 19 chrE2.426995G | A | 0.3187 | 3988 |
| 19 chrE2.426626G | A | 0.3629 | 3990 |
| 19 chrX.5087462G | A | 0.4286 | 3994 |
| 19 chrE2.426179A | C | 0.3869 | 3960 |
| 19 chrE2.425869G | A | 0.2223 | 3910 |
| 19 chrE2.424254G | A | 0.3581 | 4002 |
| 19 chrE2.423569G | A | 0.1939 | 3996 |
| 19 chrE2.421974G | A | 0.1901 | 3998 |
| 19 chrE2.421504A | G | 0.1311 | 3828 |
| 19 chrE2.420299G | A | 0.1161 | 4004 |
| 19 chrE2.419888A | G | 0.3897 | 3998 |
| 19 chrX.5154927G | A | 0.1045 | 3992 |
| 19 chrX.5158184G | A | 0.379 | 3992 |
| 19 chrX.5160713A | G | 0.4696 | 3980 |
| 19 chrX.5165412A | C | 0.4141 | 3960 |
| 19 chrX.5168952G | A | 0.3942 | 3998 |
| 19 chrX.5180334A | G | 0.3266 | 3980 |
| 19 chrX.5184702A | G | 0.2281 | 3972 |
| 19 chrX.5189258C | A | 0.1436 | 3760 |
| 19 chrX.5197778A | G | 0.119 | 3940 |
| 19 chrX.5204042G | A | 0.1064 | 3958 |
| 19 chrX.5209345A | G | 0.2956 | 3924 |
| 19 chrX.5217625C | A | 0.3101 | 3976 |
| 19 chrX.5221737A | G | 0.2935 | 3980 |

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| 19 chrX.5227676 | G A | 0.1491 | 4010 |
| 19 chrX.5230158 | A C | 0.4255 | 3988 |
| 19 chrX.5232608 | A G | 0.002009 | 3982 |
| 19 chrX.5233886 | A G | 0.002007 | 3986 |
| 19 chrX.5235418 | A G | 0.1547 | 3970 |
| 19 chrX.5239609 | G A | 0.4357 | 3994 |
| 19 chrX.5242016 | A G | 0.2708 | 4006 |
| 19 chrX.5244716 | G A | 0.2748 | 4000 |
| 19 chrX.5254166 | A C | 0.3979 | 4004 |
| 19 chrX.5262980 | A C | 0.4805 | 4002 |
| 19 chrX.5265541 | A G | 0.3319 | 3980 |
| 19 chrX.5270485 | C A | 0.1216 | 3998 |
| 19 chrX.5279519 | C A | 0.489 | 3916 |
| 19 chrX.5282029 | A G | 0.09844 | 3982 |
| 19 chrX.5284667 | A G | 0.2574 | 3990 |
| 19 chrX.5292897 | G A | 0.1305 | 3946 |
| 19 chrX.5295861 | A G | 0.2671 | 3988 |
| 19 chrX.5302593 | C 0 | 0 | 4008 |
| 19 chrX.5305380 | A G | 0.3969 | 3996 |
| 19 chrX.5306649 | C 0 | 0 | 4008 |
| 19 chrX.5315713 | A C | 0.2086 | 3978 |
| 19 chrX.5319589 | A G | 0.03665 | 3874 |
| 19 chrX.5322933 | G A | 0.4278 | 4002 |
| 19 chrX.5327816 | G A | 0.1818 | 3994 |
| 19 chrX.5330186 | A G | 0.07788 | 4006 |
| 19 chrX.5338857 | G A | 0.2229 | 4002 |
| 19 chrX.5342409 | G A | 0.2241 | 4002 |
| 19 chrX.5349692 | G A | 0.2235 | 3996 |
| 19 chrX.5352829 | G A | 0.4251 | 4006 |
| 19 chrX.5357032 | A G | 0.3123 | 3996 |
| 19 chrX.5368534 | A G | 0.4353 | 3954 |
| 19 chrX.5376507 | G A | 0.3164 | 3954 |
| 19 chrX.5382098 | A G | 0.2248 | 3982 |
| 19 chrX.5386820 | A G | 0.2228 | 3986 |
| 19 chrX.5389306 | A G | 0.1817 | 4000 |
| 19 chrX.5396985 | A G | 0.2024 | 4002 |
| 19 chrX.5404770 | G A | 0.2301 | 3972 |
| 19 chrX.5408767 | G A | 0.1809 | 3992 |
| 19 chrX.5429142 | A C | 0.144 | 3964 |
| 19 chrX.5433233 | C 0 | 0 | 4010 |
| 19 chrX.5437731 | A G | 0.4338 | 4004 |

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| 19 chrX.5440579A | G | 0.07107 | 3996 |
| 19 chrX.5446452A | G | 0.08299 | 3892 |
| 19 chrX.5459886G | A | 0.07837 | 3994 |
| 19 chrX.5469303G | A | 0.05071 | 3964 |
| 19 chrX.5472032A | C | 0.4344 | 3992 |
| 19 chrX.5478102A | G | 0.07631 | 3984 |
| 19 chrX.5481118G | A | 0.09079 | 3954 |
| 19 chrX.5495578A | G | 0.08695 | 3968 |
| 19 chrX.5503726G | A | 0.2331 | 4002 |
| 19 chrX.5507730C | A | 0.04137 | 3988 |
| 19 chrX.5539903A | G | 0.03914 | 3986 |
| 19 chrX.6611112A | G | 0.323 | 4006 |
| 19 chrX.5523114 | 0 A | 0 | 4010 |
| 19 chrX.5517840G | A | 0.08662 | 4006 |
| 19 chrX.5542758G | A | 0.007025 | 3986 |
| 19 chrX.5567536 | 0 G | 0 | 4006 |
| 19 chrX.5574153A | C | 0.05408 | 3994 |
| 19 chrX.5583468A | G | 0.4434 | 3976 |
| 19 chrX.5590733G | A | 0.3241 | 4002 |
| 19 chrUn.543201A | G | 0.4299 | 3922 |
| 19 chrX.5600689A | G | 0.2331 | 3968 |
| 19 chrX.5645136A | C | 0.4154 | 3866 |
| 19 chrX.5332637A | G | 0.06572 | 3652 |
| 19 chrD2.611662A | G | 0.07555 | 3878 |
| 19 chrX.5648731C | A | 0.2085 | 3870 |
| 19 chrX.5628118C | A | 0.03614 | 3984 |
| 19 chrX.5656502G | A | 0.04639 | 3988 |
| 19 chrX.5666432 | 0 G | 0 | 4010 |
| 19 chrX.5669064A | G | 0.04555 | 3996 |
| 19 chrX.5672371A | C | 0.05754 | 3858 |
| 19 chrX.5675131A | G | 0.0753 | 3984 |
| 19 chrX.5689539A | G | 0.4562 | 3840 |
| 19 chrX.5694031C | A | 0.07284 | 3940 |
| 19 chrX.5702096 | 0 G | 0 | 4010 |
| 19 chrX.5702602G | C | 0.1425 | 3966 |
| 19 chrX.5705893A | G | 0.1466 | 3956 |
| 19 chrX.5709646G | A | 0.1439 | 4004 |
| 19 chrX.5721127A | G | 0.02868 | 3870 |
| 19 chrX.5741165A | C | 0.0452 | 4004 |
| 19 chrX.5746006G | A | 0.04587 | 3968 |
| 19 chrX.5752228G | A | 0.4404 | 3992 |

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| 19 chrX.5765451 | 0 A | 0 | 4004 |
| 19 chrX.579040C A | C | 0.04274 | 3884 |
| 19 chrX.580054C A | G | 0.07391 | 3978 |
| 19 chrX.582081C A | G | 0.09452 | 3904 |
| 19 chrX.583322C | G | 0.4424 | 3990 |
| 19 chrX.5852331A | G | 0.04429 | 3974 |
| 19 chrUn.62583C A | G | 0.02779 | 3958 |
| 19 chrX.586061C G | A | 0.1419 | 4002 |
| 19 chrX.587735C A | G | 0.0824 | 3932 |
| 19 chrX.587760C | 0 G | 0 | 4002 |
| 19 chrX.588033C A | G | 0.07158 | 3828 |
| 19 ALAS.365 | 0 A | 0 | 4002 |
| 19 ALAS.320 | 0 A | 0 | 4000 |
| 19 ALAS.195 | 0 A | 0 | 3996 |
| 19 ALAS.194 | 0 A | 0 | 3976 |
| 19 ALAS.281 | 0 A | 0 | 4008 |
| 19 chrX.590395C | 0 C | 0 | 4002 |
| 19 chrX.5913421A | G | 0.004995 | 4004 |
| 19 chrX.591387C A | G | 0.443 | 3998 |
| 19 chrX.591678C A | G | 0.04486 | 3990 |
| 19 chrX.599119C A | G | 0.07501 | 3906 |
| 19 chrX.599485C | 0 G | 0 | 4010 |
| 19 chrX.599492C A | G | 0.2382 | 3908 |
| 19 chrX.600352C G | A | 0.01751 | 3940 |
| 19 chrX.600811C A | G | 0.001503 | 3992 |
| 19 chrX.602736C A | C | 0.438 | 3970 |
| 19 chrX.603265C | 0 C | 0 | 4010 |
| 19 chrX.6046271C | A | 0.04525 | 4000 |
| 19 chrX.606296C G | A | 0.08822 | 3990 |
| 19 chrX.605461C A | C | 0.07193 | 4004 |
| 19 chrX.608348C A | G | 0.0249 | 3896 |
| 19 chrX.642163C A | G | 0.4456 | 3968 |
| 19 chrX.643384C G | C | 0.1429 | 3982 |
| 19 chrX.645363C G | A | 0.4485 | 3958 |
| 19 chrX.646284C G | A | 0.04315 | 3986 |
| 19 chrX.647413C A | G | 0.08893 | 3992 |
| 19 chrX.648067C | 0 G | 0 | 4010 |
| 19 chrX.6484421A | C | 0.242 | 3876 |
| 19 chrX.649038C A | G | 0.09057 | 4008 |
| 19 chrX.649754C A | G | 0.4423 | 4002 |
| 19 chrX.651114C A | G | 0.04432 | 3994 |

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| 19 chrUn.96141:A | G | 0.004993 | 4006 |
| 19 chrUn.79418(G | A | 0.1312 | 3818 |
| 19 chrA1.87049G | A | 0.4056 | 3656 |
| 19 chrA1.75683G | 0 G | 0 | 4010 |
| 19 chrUn.55222(C | A | 0.04365 | 3986 |
| 19 chrX.6534667G | A | 0.4472 | 3918 |
| 19 chrX.654906G | 0 A | 0 | 4004 |
| 19 chrX.6590354A | G | 0.04103 | 3900 |
| 19 chrX.660685G | A | 0.02893 | 3906 |
| 19 chrX.662165G | A | 0.09016 | 4004 |
| 19 chrX.662941G | G | 0.4026 | 3790 |
| 19 chrX.663223G | A | 0.1424 | 3988 |
| 19 chrX.6639701A | G | 0.1411 | 3996 |
| 19 chrX.6645462A | C | 0.004541 | 3964 |
| 19 chrX.6648022A | C | 0.4432 | 3998 |
| 19 chrX.6653944G | A | 0.2335 | 4000 |
| 19 chrX.664895G | 0 G | 0 | 4002 |
| 19 chrX.666577G | A | 0.08938 | 3994 |
| 19 chrX.667050G | 0 A | 0 | 4010 |
| 19 chrUn.13703G | 0 A | 0 | 4004 |
| 19 chrX.6696167G | A | 0.205 | 3780 |
| 19 chrX.670027G | 0 A | 0 | 4010 |
| 19 chrX.670545G | C | 0.07808 | 3996 |
| 19 chrX.671265G | G | 0.04384 | 3992 |
| 19 chrX.672036G | G | 0.1422 | 4002 |
| 19 chrX.676876G | G | 0.2326 | 3998 |
| 19 chrX.677173G | A | 0.02319 | 4010 |
| 19 chrUn.30926G | 0 G | 0 | 3964 |
| 19 chrX.678394G | A | 0.1344 | 3920 |
| 19 chrX.6790154G | A | 0.04429 | 3996 |
| 19 chrX.6799994G | A | 0.02267 | 3970 |
| 19 chrX.680421(C | G | 0.07443 | 3802 |
| 19 chrX.680891G | A | 0.143 | 3994 |
| 19 chrX.6815944G | A | 0.08829 | 3998 |
| 19 chrX.682077G | A | 0.01936 | 3874 |
| 19 chrX.6825734A | G | 0.006863 | 3934 |
| 19 chrX.682881G | A | 0.007125 | 3930 |
| 19 chrX.683380G | A | 0.4427 | 4000 |
| 19 chrX.6837471A | C | 0.07333 | 3914 |
| 19 chrX.6861174G | A | 0.02026 | 3900 |
| 19 chrX.686594G | G | 0.1362 | 3950 |

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| 19 chrX.6870428T | A | 0.4417 | 4000 |
| 19 chrX.6881056A | C | 0.1438 | 3978 |
| 19 chrX.6892231A | C | 0.002783 | 3952 |
| 19 chrX.6908934G | A | 0.14 | 3994 |
| 19 chrX.6923506 | 0 A | 0 | 3992 |
| 19 chrX.6938954C | A | 0.004995 | 4004 |
| 19 chrX.6941570G | A | 0.1431 | 3928 |
| 19 chrX.6945946A | G | 0.007117 | 3934 |
| 19 chrX.6950342G | A | 0.14 | 3994 |
| 19 chrX.6953290G | A | 0.03871 | 4004 |
| 19 chrX.6956856A | G | 0.02246 | 4008 |
| 19 chrX.6966350 | 0 C | 0 | 4006 |
| 19 chrX.6971895A | G | 0.03278 | 3996 |
| 19 chrX.6975301C | A | 0.1402 | 4000 |
| 19 chrX.6983323A | C | 0.04425 | 4000 |
| 19 chrX.6995355G | A | 0.1378 | 3990 |
| 19 chrX.7001082G | A | 0.2127 | 3954 |
| 19 chrX.7004641A | G | 0.04516 | 3986 |
| 19 chrX.7007143A | G | 0.06138 | 3910 |
| 19 chrX.7010972A | G | 0.4474 | 3970 |
| 19 chrX.7015598 | 0 G | 0 | 4004 |
| 19 chrX.7020042A | G | 0.2315 | 3996 |
| 19 chrX.7025773G | A | 0.07788 | 4006 |
| 19 chrX.7030328A | G | 0.07659 | 3956 |
| 19 chrX.7033583G | A | 0.4455 | 3966 |
| 19 chrX.7050501A | G | 0.04443 | 4006 |
| 19 chrX.7055218A | G | 0.04393 | 4006 |
| 19 chrX.7060735G | A | 0.0686 | 3994 |
| 19 chrX.7100288A | G | 0.08409 | 3984 |
| 19 chrX.7092824G | A | 0.07453 | 3824 |
| 19 chrX.7095976G | A | 0.07735 | 3982 |
| 19 chrX.7111513 | 0 C | 0 | 4010 |
| 19 chrX.7118387A | G | 0.07016 | 3820 |
| 19 chrX.7124360G | A | 0.1684 | 3978 |
| 19 chrX.7130506G | A | 0.06949 | 3828 |
| 19 chrX.7136805A | G | 0.08267 | 3992 |
| 19 chrX.7143443C | A | 0.08421 | 4002 |
| 19 chrX.7147188A | C | 0.4419 | 3978 |
| 19 chrX.7154971C | A | 0.4815 | 3996 |
| 19 chrX.7160385G | A | 0.09 | 4000 |
| 19 chrX.7167976G | A | 0.2606 | 3730 |

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| 19 chrX.717239C | G | 0.4434 | 3996 |
| 19 chrX.717907A | G | 0.222 | 4000 |
| 19 chrX.718274G | A | 0.06012 | 3842 |
| 19 chrX.718922C | G | 0.08057 | 3984 |
| 19 chrX.7205081C | A | 0.3704 | 3820 |
| 19 chrX.720842G | A | 0.06569 | 3882 |
| 19 chrX.721151G | A | 0.07995 | 3940 |
| 19 chrX.723283C | A | 0.0666 | 3994 |
| 19 chrX.723531A | G | 0.06463 | 3822 |
| 19 chrX.724425C | G | 0.1879 | 3980 |
| 19 chrX.724993C | G | 0.003992 | 4008 |
| 19 chrX.7254901G | A | 0.4395 | 3984 |
| 19 chrX.725804G | A | 0.442 | 3980 |
| 19 chrX.7264387G | A | 0.06289 | 3848 |
| 19 chrX.726929G | A | 0.4431 | 3990 |
| 19 chrX.7276537A | G | 0.08921 | 4002 |
| 19 chrX.728164G | C | 0.1032 | 3790 |
| 19 chrX.728575A | C | 0.08049 | 3690 |
| 19 chrX.729258A | G | 0.07096 | 4002 |
| 19 chrX.7305137A | G | 0.07088 | 3894 |
| 19 chrX.731547C | G | 0.07484 | 3982 |
| 19 chrX.732061C | G | 0.193 | 3954 |
| 19 chrX.732752G | G | 0.04918 | 3782 |
| 19 chrX.7338817G | A | 0.07504 | 3998 |
| 19 chrX.734929A | C | 0.08576 | 3976 |
| 19 chrX.735270A | G | 0.4389 | 3978 |
| 19 chrX.735682A | G | 0.0808 | 4010 |
| 19 chrX.7359601 | 0 G | 0 | 4004 |
| 19 chrX.7360174A | G | 0.04677 | 3806 |
| 19 chrX.736583G | G | 0.01582 | 3982 |
| 19 chrX.737602A | G | 0.0819 | 3944 |
| 19 chrX.737963A | G | 0.1982 | 3880 |
| 19 chrX.738990G | G | 0.08042 | 4004 |
| 19 chrX.738995 | 0 A | 0 | 4008 |
| 19 chrX.739650A | G | 0.1948 | 3994 |
| 19 chrX.7399824G | A | 0.003512 | 3986 |
| 19 chrX.740515A | C | 0.2019 | 3918 |
| 19 chrX.741230A | G | 0.1977 | 3960 |
| 19 chrX.740925A | G | 0.08003 | 3986 |
| 19 chrX.748997A | G | 0.2019 | 3972 |
| 19 chrX.749463A | C | 0.08003 | 3986 |

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| 19 chrX.7498468A | G | 0.08103 | 3986 |
| 19 chrX.7513423A | C | 0.08196 | 4002 |
| 19 chrX.7519239A | G | 0.4351 | 3976 |
| 19 chrX.7541596A | G | 0.07738 | 4006 |
| 19 chrX.7529025G | A | 0.07385 | 3954 |
| 19 chrX.7547500 | 0 G | 0 | 4008 |
| 19 chrX.7551384A | G | 0.3201 | 3874 |
| 19 chrX.7556908C | A | 0.1989 | 3996 |
| 19 chrX.7569399A | G | 0.07218 | 3976 |
| 19 chrX.7572396A | C | 0.2013 | 3980 |
| 19 chrX.7577010G | A | 0.07475 | 4000 |
| 19 chrX.7580862A | C | 0.07517 | 4004 |
| 19 chrX.7584291A | C | 0.0755 | 4000 |
| 19 chrX.7589151A | G | 0.4367 | 3996 |
| 19 chrX.7601778A | C | 0.07346 | 4002 |
| 19 chrX.7609958A | G | 0.07589 | 3940 |
| 19 chrX.7615293G | A | 0.4449 | 3918 |
| 19 chrX.7619786 | 0 C | 0 | 3960 |
| 19 chrX.7623283G | A | 0.1944 | 3972 |
| 19 chrX.1021235G | A | 0.2697 | 3930 |
| 19 chrX.7640907 | 0 A | 0 | 3968 |
| 19 chrX.7651756A | G | 0.1997 | 4000 |
| 19 chrX.7659676A | G | 0.07564 | 4006 |
| 19 chrX.7669821 | 0 G | 0 | 4010 |
| 19 chrX.7675043A | G | 0.002058 | 3888 |
| 19 chrX.7679752G | A | 0.07742 | 4004 |
| 19 chrX.7694113A | G | 0.4375 | 3982 |
| 19 chrX.7695512 | 0 A | 0 | 4010 |
| 19 chrX.7700306C | A | 0.4274 | 3954 |
| 19 chrX.7717201A | G | 0.07559 | 3916 |
| 19 chrUn.37263 G | A | 0.2772 | 3982 |
| 19 chrUn.37520A | C | 0.07597 | 3804 |
| 19 chrX.7731175G | A | 0.07347 | 3988 |
| 19 chrX.7738917G | A | 0.07493 | 4004 |
| 19 chrX.7742710G | A | 0.078 | 4000 |
| 19 chrX.7745363A | G | 0.1978 | 3994 |
| 19 chrX.7748191G | A | 0.07771 | 4002 |
| 19 chrC1.184658G | A | 0.0782 | 3990 |
| 19 chrX.7758813G | A | 0.1993 | 4000 |
| 19 chrX.7769039G | A | 0.2034 | 3938 |
| 19 chrX.7775267A | G | 0.199 | 3990 |

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| 19 chrX.7785177C | A | 0.1996 | 4004 |
| 19 chrX.7793236A | C | 0.1931 | 3852 |
| 19 chrX.7796310G | A | 0.3504 | 3976 |
| 19 chrX.7807719G | A | 0.07425 | 4000 |
| 19 chrX.7811809A | C | 0.07296 | 4002 |
| 19 chrX.7828059G | A | 0.1977 | 3996 |
| 19 chrX.1128035G | A | 0.4635 | 3978 |
| 19 chrX.7831020G | A | 0.07328 | 3930 |
| 19 chrX.7845901G | A | 0.0908 | 3998 |
| 19 PLP.439 | 0 A | 0 | 4004 |
| 19 ATP7A.385 A | G | 0.000501 | 3992 |
| 19 PLP.378 | 0 A | 0 | 4000 |
| 19 ATP7A.186 | 0 G | 0 | 4008 |
| 19 ATP7A.212 | 0 A | 0 | 4010 |
| 19 chrX.7843664A | G | 0.1945 | 3980 |
| 19 chrX.7849207G | A | 0.07421 | 4002 |
| 19 chrX.7851741C | A | 0.07513 | 3940 |
| 19 chrX.7856584G | A | 0.2784 | 3998 |
| 19 chrX.7860846G | A | 0.08013 | 4006 |
| 19 chrUn.65756A | C | 0.000503 | 3976 |
| 19 chrX.7872135A | G | 0.07679 | 3972 |
| 19 chrX.7875945 | 0 A | 0 | 4000 |
| 19 chrX.7889196G | C | 0.07682 | 3892 |
| 19 chrX.7892738A | C | 0.07567 | 4004 |
| 19 chrX.7909017A | G | 0.0761 | 4008 |
| 19 chrX.7920772A | C | 0.07745 | 3964 |
| 19 chrX.7914557G | A | 0.192 | 3994 |
| 19 chrX.7950240G | A | 0.08104 | 3998 |
| 19 chrX.7969977G | A | 0.3536 | 3988 |
| 19 chrX.7973826A | G | 0.08063 | 4006 |
| 19 chrX.7980606A | G | 0.08117 | 4004 |
| 19 chrUn.15901G | A | 0.3542 | 3998 |
| 19 chrUn.11489A | C | 0.4396 | 3926 |
| 19 chrX.3987970G | A | 0.08242 | 4004 |
| 19 chrUn.24788A | G | 0.07625 | 4000 |
| 19 chrD3.50406A | C | 0.431 | 3740 |
| 19 chrD3.50430C | A | 0.4534 | 3690 |
| 19 chrB1.12768C | A | 0.07862 | 3994 |
| 19 chrX.8049659G | A | 0.1852 | 3974 |
| 19 chrX.8053978C | A | 0.3535 | 3994 |
| 19 chrX.8061830G | A | 0.1916 | 3914 |

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| 19 chrX.8068102A | C | 0.0807 | 3866 |
| 19 chrX.8073901A | G | 0.08067 | 4004 |
| 19 chrD4.30507A | C | 0.1887 | 3996 |
| 19 chrX.8079521A | G | 0.4326 | 3974 |
| 19 chrX.8082223C | A | 0.3532 | 3998 |
| 19 chrX.8092498C | A | 0.08109 | 4008 |
| 19 chrX.8107285A | G | 0.08683 | 3858 |
| 19 chrX.8114309A | G | 0.000499 | 4008 |
| 19 chrX.8121000G | A | 0.3552 | 3986 |
| 19 chrX.8144106G | A | 0.1893 | 3988 |
| 19 chrUn.77417A | 0 G | 0 | 4004 |
| 19 chrX.8147659G | A | 0.3543 | 3966 |
| 19 chrX.8165658G | A | 0.1869 | 3986 |
| 19 chrX.8192352A | G | 0.3543 | 3982 |
| 19 chrX.8194940C | A | 0.472 | 4004 |
| 19 chrX.8200930A | G | 0.3541 | 3996 |
| 19 chrX.8223615A | G | 0.3528 | 3988 |
| 19 chrX.8236024A | G | 0.0774 | 3992 |
| 19 chrX.8244599G | A | 0.4585 | 3926 |
| 19 chrX.8249349C | A | 0.08052 | 3974 |
| 19 chrX.8252031G | A | 0.08038 | 4006 |
| 19 chrX.8254283A | 0 A | 0 | 4008 |
| 19 chrX.8255562G | A | 0.07197 | 3696 |
| 19 chrX.8264441A | G | 0.3724 | 3942 |
| 19 chrX.8269942A | C | 0.373 | 3928 |
| 19 chrX.8277724A | G | 0.07426 | 3932 |
| 19 chrC1.173143 | 0 G | 0 | 4004 |
| 19 chrX.8286641A | G | 0.0757 | 3910 |
| 19 chrX.8283637G | A | 0.07969 | 3978 |
| 19 chrX.8289474A | G | 0.1906 | 3930 |
| 19 chrX.8291920A | G | 0.07716 | 3966 |
| 19 chrX.8294965C | A | 0.188 | 3898 |
| 19 chrX.8314556A | 0 A | 0 | 4002 |
| 19 chrX.8323267A | G | 0.08052 | 3912 |
| 19 chrX.8327173G | A | 0.0777 | 3964 |
| 19 chrX.8343953A | G | 0.1869 | 3976 |
| 19 chrX.8347929A | C | 0.07654 | 3998 |
| 19 chrX.8350422A | G | 0.07782 | 3958 |
| 19 chrX.8354815G | A | 0.1877 | 3894 |
| 19 chrX.8357844G | A | 0.1902 | 4002 |
| 19 chrX.8382198C | A | 0.08075 | 4000 |

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| 19 chrX.8385764A | C | 0.07979 | 3998 |
| 19 chrX.8400842G | A | 0.01366 | 3806 |
| 19 chrX.8413325C | A | 0.003294 | 3946 |
| 19 chrX.8430977G | A | 0.07542 | 4004 |
| 19 chrX.8449080C | A | 0.1911 | 4004 |
| 19 chrX.8455959A | C | 0.4731 | 3984 |
| 19 chrX.8464979G | A | 0.4321 | 3960 |
| 19 chrX.8481879A | G | 0.1896 | 3940 |
| 19 chrX.8514416A | C | 0.08419 | 3896 |
| 19 chrX.8522986A | G | 0.1918 | 3988 |
| 19 chrX.8546980A | G | 0.08164 | 3944 |
| 19 chrX.8551458A | G | 0.08109 | 4008 |
| 19 chrX.8565671C | A | 0.3944 | 3976 |
| 19 chrX.8574005G | A | 0.4718 | 4002 |
| 19 chrX.8589594A | G | 0.4348 | 3974 |
| 19 chrX.8576932C | A | 0.07737 | 3968 |
| 19 chrX.8601459A | G | 0.1165 | 3906 |
| 19 chrX.8605468G | A | 0.07446 | 3962 |
| 19 chrX.8613298A | C | 0.3917 | 3980 |
| 19 chrX.8625685G | C | 0.08363 | 3970 |
| 19 chrX.8630117C | A | 0.3934 | 3940 |
| 19 chrX.8638066G | A | 0.3926 | 3994 |
| 19 chrX.8644311A | G | 0.186 | 3860 |
| 19 chrX.8647230G | A | 0.06771 | 3958 |
| 19 chrX.8652030A | G | 0.1898 | 3946 |
| 19 chrX.8656342A | G | 0.1894 | 3996 |
| 19 chrX.8661847G | A | 0.1905 | 4000 |
| 19 chrUn.735381A | G | 0.3992 | 3970 |
| 19 chrX.8682563G | A | 0.1898 | 4004 |
| 19 chrX.8689064 | 0 G | 0 | 4008 |
| 19 chrX.8700797G | A | 0.2117 | 3940 |
| 19 chrX.8704820A | G | 0.09925 | 3748 |
| 19 chrX.8707888A | G | 0.08755 | 3838 |
| 19 chrX.8711350G | A | 0.08113 | 4006 |
| 19 chrX.8724821A | C | 0.1912 | 3960 |
| 19 chrX.8728992C | A | 0.07816 | 3992 |
| 19 chrX.8746936A | C | 0.3951 | 3964 |
| 19 chrX.8749879A | G | 0.3999 | 3966 |
| 19 chrX.8756664A | C | 0.07912 | 3880 |
| 19 chrX.8760961A | C | 0.07559 | 3876 |
| 19 chrX.8764202A | G | 0.3074 | 3936 |

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| 19 chrX.876763C | G | 0.06123 | 3838 |
| 19 chrX.8797561A | C | 0.1171 | 3774 |
| 19 chrX.8797527C | A | 0.05725 | 3808 |
| 19 chrX.8822051A | G | 0.07661 | 3916 |
| 19 chrUn.34223A | G | 0.06776 | 3970 |
| 19 chrX.8835317A | G | 0.03458 | 3962 |
| 19 chrX.8837709A | G | 0.1673 | 3994 |
| 19 chrX.884176C | A | 0.1121 | 3926 |
| 19 chrX.8875987A | G | 0.02875 | 3826 |
| 19 chrX.8906208G | A | 0.07938 | 3880 |
| 19 chrX.8925322C | A | 0.2422 | 3860 |
| 19 chrX.892900C | A | 0.4374 | 3976 |
| 19 chrX.8943945A | G | 0.2591 | 3836 |
| 19 chrX.8949666G | A | 0.198 | 4000 |
| 19 chrX.6960459C | A | 0.1788 | 3724 |
| 19 chrB1.10139C | G | 0.02129 | 3898 |
| 19 chrX.895941C | G | 0.2368 | 3928 |
| 19 chrX.9693075A | C | 0.07231 | 3886 |
| 19 chrX.897561C | G | 0.2239 | 3922 |
| 19 chrX.8980489A | T | 0.2441 | 3884 |
| 19 chrX.8980463A | G | 0.2334 | 3964 |
| 19 chrX.899207C | A | 0.235 | 3996 |
| 19 chrX.9002402A | C | 0.03582 | 3992 |
| 19 chrX.9009028G | A | 0.2331 | 3972 |
| 19 chrX.9011532G | A | 0.03543 | 3980 |
| 19 chrX.9018985A | G | 0.238 | 3958 |
| 19 chrX.9022731C | A | 0.2355 | 3996 |
| 19 chrX.9031944C | A | 0.03095 | 3942 |
| 19 chrX.9037625G | A | 0.2248 | 3862 |
| 19 chrX.9044747A | G | 0.4326 | 3948 |
| 19 chrX.9050267G | A | 0.03109 | 3924 |
| 19 chrX.9055038G | A | 0.03352 | 3938 |
| 19 chrX.9055153 | 0 G | 0 | 4004 |
| 19 chrA1.511589A | G | 0.2361 | 3982 |
| 19 chrX.9059197C | A | 0.4499 | 3794 |
| 19 chrX.9064501 | 0 A | 0 | 4006 |
| 19 chrX.9068998A | G | 0.03133 | 3958 |
| 19 chrX.9072519A | G | 0.4638 | 3982 |
| 19 chrX.9075069G | A | 0.1348 | 3960 |
| 19 chrX.908501C | A | 0.05589 | 3990 |
| 19 chrX.9088645A | C | 0.07613 | 3980 |

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| 19 chrX.9091558A | C | 0.4406 | 3920 |
| 19 chrX.9097819C | A | 0.2005 | 3810 |
| 19 chrX.9101735G | A | 0.01973 | 4004 |
| 19 chrX.9107351A | C | 0.1525 | 3850 |
| 19 chrX.9109907G | A | 0.05736 | 3696 |
| 19 chrX.9112621A | G | 0.1879 | 3874 |
| 19 chrX.9117908A | G | 0.1521 | 4004 |
| 19 chrX.9126698A | G | 0.07708 | 3944 |
| 19 chrX.9129242A | G | 0.1049 | 3688 |
| 19 chrX.9131677G | A | 0.0589 | 3820 |
| 19 chrX.9137355A | G | 0.08049 | 3926 |
| 19 chrX.9146547A | G | 0.1508 | 3978 |
| 19 chrX.9149126A | G | 0.03187 | 3954 |
| 19 chrX.9159352G | A | 0.434 | 3998 |
| 19 chrX.9264559A | G | 0.0313 | 3930 |
| 19 chrX.9252182G | A | 0.1851 | 3998 |
| 19 chrX.9249492A | G | 0.0442 | 3778 |
| 19 chrX.9246282G | A | 0.1509 | 3990 |
| 19 chrX.9240165 | 0 G | 0 | 4008 |
| 19 chrX.9239385G | A | 0.2125 | 3982 |
| 19 chrX.9229306A | G | 0.03712 | 3906 |
| 19 chrX.9221506A | G | 0.1585 | 3842 |
| 19 chrX.9216137A | C | 0.1473 | 3930 |
| 19 chrUn.449607G | A | 0.01995 | 4010 |
| 19 chrX.9198057A | G | 0.4709 | 3786 |
| 19 chrUn.435671A | G | 0.2501 | 3986 |
| 19 chrX.9187935A | G | 0.03473 | 3974 |
| 19 chrX.9184462G | A | 0.1414 | 3940 |
| 19 chrX.9180342A | G | 0.1517 | 3916 |
| 19 chrX.9281329A | G | 0.4628 | 3930 |
| 19 chrX.9301438T | A | 0.02355 | 3906 |
| 19 chrX.9308280A | G | 0.1516 | 3990 |
| 19 chrX.9312091G | C | 0.2191 | 3984 |
| 19 chrX.9314666G | A | 0.251 | 3952 |
| 19 chrX.9318061G | A | 0.03328 | 3906 |
| 19 chrX.9320796A | G | 0.05445 | 3912 |
| 19 chrB4.221005A | G | 0.02572 | 3966 |
| 19 chrX.9326271A | G | 0.4449 | 3922 |
| 19 chrX.9333148A | G | 0.2334 | 3916 |
| 19 chrX.9341545G | A | 0.1425 | 3916 |
| 19 chrX.9349795C | A | 0.1916 | 3988 |

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| 19 chrX.9393166A | C | 0.02441 | 3892 |
| 19 chrX.938427CA | G | 0.03819 | 4006 |
| 19 chrX.9379317T | A | 0.02512 | 3862 |
| 19 chrX.9403978A | G | 0.4306 | 3946 |
| 19 chrX.9414037G | A | 0.4321 | 3934 |
| 19 chrX.9420146C | A | 0.2225 | 3960 |
| 19 chrX.9427947A | G | 0.1461 | 3962 |
| 19 chrX.9436373A | G | 0.1484 | 3928 |
| 19 chrX.9440239A | C | 0.4319 | 3934 |
| 19 chrX.944931CA | G | 0.2186 | 3888 |
| 19 chrX.9454979G | A | 0.09811 | 3924 |
| 19 chrX.9459305A | G | 0.06768 | 4004 |
| 19 chrX.9470363A | G | 0.1866 | 3922 |
| 19 chrX.9479078A | G | 0.07121 | 3988 |
| 19 chrX.948344CA | C | 0.05015 | 3928 |
| 19 chrX.9486217A | C | 0.04846 | 3756 |
| 19 chrX.9492402C | A | 0.06906 | 3924 |
| 19 chrX.9499109A | C | 0.05376 | 3888 |
| 19 chrX.950428CA | G | 0.07289 | 4006 |
| 19 chrX.9508372G | A | 0.0584 | 3870 |
| 19 chrX.9512811C | A | 0.2394 | 3998 |
| 19 chrX.951619CT | A | 0.04701 | 3808 |
| 19 chrX.9519761A | C | 0.0964 | 4004 |
| 19 chrX.953515CA | G | 0.4344 | 3992 |
| 19 chrX.954083CA | G | 0.4337 | 3996 |
| 19 chrX.9543969A | G | 0.02757 | 3954 |
| 19 chrX.9549264A | G | 0.07454 | 3998 |
| 19 chrX.9568182A | G | 0.07731 | 4010 |
| 19 chrX.9580825A | G | 0.192 | 3876 |
| 19 chrX.9591075A | G | 0.4518 | 4002 |
| 19 chrX.9595859A | C | 0.07012 | 3822 |
| 19 chrX.9606598C | A | 0.2379 | 4002 |
| 19 chrX.9618042A | C | 0.1002 | 3894 |
| 19 chrX.9624695A | C | 0.03368 | 4008 |
| 19 chrX.962866CG | A | 0.2426 | 3920 |
| 19 chrX.9638377A | G | 0.4518 | 4002 |
| 19 chrX.9645733A | G | 0.4301 | 3990 |
| 19 chrX.965017CG | A | 0.2991 | 3818 |
| 19 chrX.9652727A | G | 0.09013 | 3828 |
| 19 chrX.9658671G | A | 0.1547 | 3826 |
| 19 chrX.9676503A | C | 0.07089 | 3950 |

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| 19 chrX.9683727C | A | 0.07304 | 3984 |
| 19 chrX.9686839A | C | 0.4453 | 3658 |
| 19 chrX.9723213A | G | 0.2382 | 4000 |
| 19 chrX.9696436G | A | 0.0771 | 4008 |
| 19 chrX.9700574C | A | 0.308 | 4000 |
| 19 chrE2.174282A | G | 0.2389 | 3976 |
| 19 chrX.9707342A | G | 0.4323 | 3972 |
| 19 chrX.9713661A | G | 0.001521 | 3946 |
| 19 chrX.9718081A | G | 0.4341 | 3948 |
| 19 chrX.9728944A | G | 0.4408 | 3972 |
| 19 chrX.7067169A | G | 0.4381 | 3992 |
| 19 chrX.9734739A | C | 0.08946 | 3644 |
| 19 chrX.9743489C | A | 0.1978 | 3878 |
| 19 chrX.9940151A | G | 0.2325 | 3626 |
| 19 chrX.9746813A | C | 0.4395 | 3984 |
| 19 chrX.9756769G | A | 0.2097 | 3992 |
| 19 chrX.9762541G | A | 0.1997 | 3930 |
| 19 chrX.9765242A | G | 0.2383 | 4004 |
| 19 chrX.9777175A | G | 0.4524 | 3884 |
| 19 chrUn.14217A | G | 0.07791 | 3966 |
| 19 chrX.9772690A | C | 0.4337 | 3996 |
| 19 chrX.9768971A | C | 0.3081 | 3992 |
| 19 chrX.9813506A | G | 0.079 | 3886 |
| 19 chrX.9822833A | G | 0.4378 | 3984 |
| 19 chrX.9827130A | G | 0.1999 | 3922 |
| 19 chrX.9836824A | G | 0.4371 | 3976 |
| 19 chrX.9841190A | G | 0.4444 | 3956 |
| 19 chrX.9856014G | A | 0.2426 | 3940 |
| 19 chrX.9898745A | G | 0.2385 | 3992 |
| 19 chrX.9904006A | G | 0.05972 | 3818 |
| 19 chrX.9906210A | G | 0.287 | 3982 |
| 19 chrX.9908842G | A | 0.2893 | 4006 |
| 19 chrX.9911633A | G | 0.436 | 3998 |
| 19 chrX.9916350C | A | 0.2866 | 3932 |
| 19 chrX.9919935A | G | 0.07646 | 4002 |
| 19 chrX.9936013A | G | 0.2885 | 3962 |
| 19 chrX.9950198G | A | 0.07713 | 4006 |
| 19 chrX.9956353G | A | 0.4345 | 3940 |
| 19 chrX.9966232 | 0 G | 0 | 3992 |
| 19 chrX.9968768A | G | 0.3053 | 3990 |
| 19 chrX.9972256G | A | 0.2427 | 3956 |

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| 19 chrX.9973731A | G | 0.009566 | 3868 |
| 19 chrX.9978018G | A | 0.2393 | 3986 |
| 19 chrX.9989291A | C | 0.4353 | 4004 |
| 19 chrX.9997362G | A | 0.4377 | 3998 |
| 19 chrX.1000034A | G | 0.2385 | 4004 |
| 19 chrX.1000489G | A | 0.25 | 3796 |
| 19 chrX.1002343A | C | 0.2891 | 3982 |
| 19 chrX.1005083G | A | 0.4327 | 3980 |
| 19 chrX.1005368A | G | 0.4358 | 3892 |
| 19 chrX.1006490A | G | 0.4317 | 3922 |
| 19 chrX.1006769A | G | 0.2855 | 3990 |
| 19 chrX.1007390G | A | 0.2399 | 4002 |
| 19 chrX.1008038A | C | 0.435 | 4000 |
| 19 chrX.1008282A | G | 0.3005 | 3990 |
| 19 chrX.1008955G | A | 0.4377 | 3998 |
| 19 chrX.1010237G | A | 0.1859 | 3986 |
| 19 chrX.1011388A | G | 0.304 | 3994 |
| 19 chrX.1011723A | C | 0.01681 | 3986 |
| 19 chrX.1012209C | A | 0.085 | 3800 |
| 19 chrX.1012927G | A | 0.07118 | 3990 |
| 19 chrX.1014361G | A | 0.02581 | 3990 |
| 19 chrX.1014672A | C | 0.2429 | 3684 |
| 19 chrX.1015006C | A | 0.2408 | 4004 |
| 19 chrX.1015473 | 0 G | 0 | 4010 |
| 19 chrX.1016022A | G | 0.3214 | 3998 |
| 19 chrX.1016377G | A | 0.422 | 3910 |
| 19 chrX.1016423 | 0 G | 0 | 3998 |
| 19 chrX.1016723 | 0 G | 0 | 4008 |
| 19 chrX.1016857A | G | 0.24 | 4000 |
| 19 chrX.1017183A | C | 0.05465 | 3824 |
| 19 chrX.1017780A | G | 0.03628 | 3942 |
| 19 chrX.1018234G | A | 0.0665 | 4000 |
| 19 chrX.1019003T | A | 0.09673 | 3980 |
| 19 chrX.1023909A | G | 0.2443 | 3942 |
| 19 chrX.1022813A | G | 0.2368 | 3990 |
| 19 chrX.1022444G | A | 0.2675 | 4000 |
| 19 chrX.1025270A | G | 0.2883 | 3996 |
| 19 chrX.1025598A | G | 0.2053 | 4000 |
| 19 chrX.1026582A | G | 0.03748 | 4002 |
| 19 chrX.1027994G | A | 0.2423 | 3982 |
| 19 chrX.1029595A | G | 0.2352 | 3912 |

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| 19 chrX.1030554A | G | 0.2448 | 4004 |
| 19 chrX.1030797G | A | 0.2436 | 3962 |
| 19 chrX.1031067A | G | 0.1033 | 3998 |
| 19 chrX.1032391G | A | 0.292 | 3924 |
| 19 chrX.1034071G | A | 0.1879 | 3992 |
| 19 chrX.4459676A | G | 0.2415 | 3980 |
| 19 chrX.1034645C | A | 0.2757 | 3852 |
| 19 chrX.1035493A | G | 0.4413 | 3988 |
| 19 chrX.1035861A | G | 0.2886 | 4002 |
| 19 chrX.1036640G | A | 0.2446 | 3986 |
| 19 chrX.1037152A | G | 0.1373 | 3992 |
| 19 chrX.1037855A | G | 0.2435 | 3976 |
| 19 chrX.1038215A | G | 0.1415 | 4006 |
| 19 chrX.1038694A | G | 0.4406 | 4004 |
| 19 chrX.1039037A | G | 0.14 | 3994 |
| 19 chrX.1039480A | G | 0.1383 | 3984 |
| 19 chrX.1040101G | C | 0.2498 | 4000 |
| 19 chrX.1040887G | C | 0.2506 | 3938 |
| 19 chrX.1040998A | G | 0.0005003 | 3998 |
| 19 chrX.1041163A | G | 0.2881 | 3998 |
| 19 chrX.1041531A | G | 0.1474 | 3976 |
| 19 chrX.1042230A | G | 0.2503 | 3992 |
| 19 chrX.1043146A | C | 0.4263 | 3990 |
| 19 chrX.1043973G | A | 0.2902 | 4004 |
| 19 chrX.1044649G | A | 0.2505 | 4004 |
| 19 chrX.1045188C | A | 0.4274 | 3942 |
| 19 chrX.1045562A | G | 0.4276 | 4004 |
| 19 chrX.1046360A | G | 0.4264 | 3994 |
| 19 chrX.1046892A | G | 0.08661 | 3810 |
| 19 chrX.1048100A | G | 0.05506 | 3850 |
| 19 chrX.1048454A | C | 0.208 | 3962 |
| 19 chrX.1048789A | C | 0.4259 | 3966 |
| 19 chrX.1049480A | G | 0.02551 | 3998 |
| 19 chrX.1050590A | G | 0.0314 | 3790 |
| 19 chrX.1051212A | G | 0.4275 | 3998 |
| 19 chrX.1051520A | C | 0.01956 | 3834 |
| 19 chrX.1052200A | C | 0.07362 | 3980 |
| 19 chrX.1052642A | G | 0.2363 | 4008 |
| 19 chrX.1053129G | A | 0.2337 | 3932 |
| 19 chrX.1053373G | A | 0.4243 | 3988 |
| 19 chrX.1054661G | A | 0.3388 | 3994 |

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| 19 chrF1.440029G | A | 0.04863 | 4010 |
| 19 chrX.1055023A | C | 0.4285 | 3970 |
| 19 chrX.1055331G | A | 0.076 | 4000 |
| 19 chrX.1055751A | G | 0.4249 | 3994 |
| 19 chrX.1056734A | G | 0.26 | 3984 |
| 19 chrX.1057427A | G | 0.4184 | 3932 |
| 19 chrX.1058815A | G | 0.2346 | 3998 |
| 19 chrX.1060579G | A | 0.263 | 3970 |
| 19 chrX.1060942G | A | 0.4873 | 3930 |
| 19 chrX.1061187G | A | 0.3614 | 4004 |
| 19 chrX.1061432A | G | 0.3767 | 3844 |
| 19 chrX.1062038 | 0 A | 0 | 4010 |
| 19 chrX.1062109G | A | 0.3612 | 3948 |
| 19 chrX.1063042A | G | 0.3479 | 3964 |
| 19 chrX.1063671A | G | 0.2588 | 3972 |
| 19 chrX.1064340C | A | 0.3906 | 3994 |
| 19 chrX.1065008A | C | 0.1628 | 3962 |
| 19 chrX.1065521A | G | 0.08283 | 3996 |
| 19 chrX.1065798A | C | 0.4446 | 3990 |
| 19 chrX.1066071A | G | 0.08906 | 3986 |
| 19 chrX.1066594G | A | 0.1386 | 3918 |
| 19 chrX.1066898A | G | 0.4942 | 3990 |
| 19 chrX.1067180G | A | 0.1049 | 4004 |
| 19 chrX.1067439A | G | 0.4442 | 3980 |
| 19 chrX.1067744A | C | 0.4281 | 3994 |
| 19 chrX.1067998A | G | 0.01749 | 4002 |
| 19 chrX.1068390G | A | 0.02048 | 4004 |
| 19 chrX.1069405C | A | 0.4977 | 3834 |
| 19 chrX.1070424G | A | 0.4105 | 3978 |
| 19 chrX.1070975A | G | 0.3681 | 3996 |
| 19 chrX.1071266A | G | 0.2532 | 3910 |
| 19 chrX.1071599C | A | 0.3317 | 3958 |
| 19 chrX.1072174A | G | 0.4064 | 4008 |
| 19 chrX.1072777G | A | 0.3531 | 3996 |
| 19 chrX.1072981 | 0 A | 0 | 4008 |
| 19 chrX.1073146G | A | 0.1056 | 4006 |
| 19 chrX.1073810C | A | 0.07895 | 3952 |
| 19 chrX.1005758A | C | 0.04797 | 3982 |
| 19 chrX.1075785A | G | 0.06378 | 3998 |
| 19 chrX.1076445A | G | 0.1051 | 3996 |
| 19 chrX.1076857G | A | 0.1897 | 4002 |

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|-----------------|---|-----|---------|------|
| 19 chrX.1077402 | A | G | 0.06981 | 3968 |
| 19 chrX.1078176 | A | G | 0.06568 | 3974 |
| 19 chrX.1078470 | A | C | 0.4381 | 3876 |
| 19 chrX.1079041 | G | A | 0.2224 | 4002 |
| 19 chrX.1079456 | G | A | 0.1837 | 4002 |
| 19 chrX.1079839 | A | G | 0.179 | 3994 |
| 19 chrX.1080402 | C | A | 0.266 | 3996 |
| 19 chrX.1080706 | G | A | 0.4674 | 3954 |
| 19 chrX.1080980 | C | A | 0.2476 | 3950 |
| 19 chrX.1081471 | A | G | 0.4752 | 3998 |
| 19 chrX.1081949 | G | A | 0.2548 | 3976 |
| 19 chrX.1082359 | G | A | 0.04697 | 3832 |
| 19 chrX.1082635 | G | A | 0.3357 | 3974 |
| 19 chrX.1082872 | G | A | 0.3394 | 3998 |
| 19 chrX.1083122 | A | C | 0.2334 | 3938 |
| 19 chrX.1083433 | A | G | 0.2513 | 3928 |
| 19 chrX.1083703 | C | A | 0.4299 | 3992 |
| 19 chrX.1084427 | G | A | 0.4356 | 3988 |
| 19 chrX.1084859 | G | A | 0.4384 | 3992 |
| 19 chrX.1086548 | C | A | 0.3181 | 3986 |
| 19 chrX.1086930 | G | A | 0.2876 | 4002 |
| 19 chrX.1087799 | G | A | 0.1993 | 4004 |
| 19 chrX.1088232 | G | A | 0.4045 | 3998 |
| 19 chrX.1088501 | C | A | 0.4243 | 3912 |
| 19 chrX.1089177 | A | C | 0.1702 | 4006 |
| 19 chrX.1089737 | A | G | 0.3902 | 4000 |
| 19 chrX.1089979 | A | C | 0.1964 | 3946 |
| 19 chrUn.24378 | G | A | 0.1272 | 4008 |
| 19 chrX.1090285 | A | G | 0.1438 | 3902 |
| 19 chrUn.22552 | | 0 G | 0 | 4010 |
| 19 chrX.1091433 | G | A | 0.4808 | 3954 |
| 19 chrX.1092299 | G | A | 0.3435 | 4000 |
| 19 chrX.1092640 | A | C | 0.2798 | 3974 |
| 19 chrX.1092990 | A | C | 0.352 | 4000 |
| 19 chrX.1093528 | A | C | 0.2726 | 3988 |
| 19 chrX.1093815 | G | A | 0.3653 | 3994 |
| 19 chrX.1094537 | A | G | 0.2446 | 3990 |
| 19 chrX.1095022 | G | A | 0.1576 | 3984 |
| 19 chrX.1095590 | A | G | 0.1441 | 3996 |
| 19 chrX.1096554 | | 0 A | 0 | 4010 |
| 19 chrX.1096895 | G | A | 0.07844 | 3952 |

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| 19 chrX.1097362A | G | 0.4102 | 3942 |
| 19 chrX.1097621G | A | 0.06494 | 3788 |
| 19 chrX.1098079A | G | 0.4898 | 4000 |
| 19 chrX.1098552A | G | 0.02471 | 4006 |
| 19 chrX.1098884A | G | 0.3716 | 3996 |
| 19 chrX.1099284A | G | 0.4377 | 3998 |
| 19 chrX.1100096G | A | 0.2615 | 3984 |
| 19 chrX.1100437A | G | 0.2535 | 3980 |
| 19 chrX.1100800A | G | 0.4975 | 3992 |
| 19 chrX.1101104A | G | 0.09955 | 3998 |
| 19 chrX.1101591G | A | 0.0907 | 4002 |
| 19 chrX.1101889G | A | 0.04006 | 3944 |
| 19 chrX.1101978A | G | 0.3175 | 3994 |
| 19 chrX.1102435A | G | 0.2873 | 3996 |
| 19 chrX.1103087G | A | 0.2394 | 4002 |
| 19 chrX.1103501G | A | 0.2374 | 3972 |
| 19 chrX.1103859A | G | 0.2484 | 3942 |
| 19 chrX.1104470A | G | 0.119 | 3976 |
| 19 chrX.1104846G | A | 0.2585 | 3904 |
| 19 chrX.1105849A | G | 0.3696 | 3956 |
| 19 chrX.1106147A | C | 0.11 | 3954 |
| 19 chrX.1106844G | A | 0.3561 | 4002 |
| 19 chrUn16.9970C | A | 0.4732 | 3992 |
| 19 chrX.1107272A | G | 0.2777 | 4000 |
| 19 chrX.1107537G | A | 0.01373 | 4006 |
| 19 chrX.1108298A | G | 0.2769 | 3966 |
| 19 chrX.1108568C | A | 0.04468 | 4006 |
| 19 chrX.1108868A | G | 0.1826 | 3998 |
| 19 chrX.1109309A | G | 0.1701 | 3998 |
| 19 chrX.1109704A | G | 0.02636 | 3946 |
| 19 chrX.1110082A | G | 0.3019 | 4004 |
| 19 chrX.1110423G | A | 0.4496 | 3948 |
| 19 chrX.1110788C | A | 0.01956 | 3936 |
| 19 chrX.1111082A | G | 0.3631 | 3988 |
| 19 chrX.1111482A | G | 0.4202 | 3986 |
| 19 chrX.1111801A | G | 0.4439 | 3990 |
| 19 chrX.1112182G | A | 0.08617 | 3992 |
| 19 chrX.1112981C | A | 0.03123 | 3938 |
| 19 chrX.1114219G | A | 0.4733 | 3976 |
| 19 chrX.1114482G | A | 0.1982 | 3990 |
| 19 chrX.1115630A | G | 0.1392 | 3914 |

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| 19 chrX.111613 | A | G | 0.04534 | 3926 |
| 19 chrX.111672 | G | A | 0.3951 | 3996 |
| 19 chrX.111704 | A | G | 0.434 | 3956 |
| 19 chrX.111763 | A | G | 0.4997 | 3692 |
| 19 chrX.111780 | G | A | 0.3051 | 3950 |
| 19 chrA1.25813 | C | G | 0.1999 | 3932 |
| 19 chrX.111822 | G | G | 0.4341 | 3900 |
| 19 chrUn.71067 | A | G | 0.2783 | 3992 |
| 19 chrX.111865 | A | G | 0.09835 | 4006 |
| 19 chrX.111892 | G | A | 0.4596 | 3912 |
| 19 chrX.112001 | G | G | 0.3367 | 4000 |
| 19 chrX.112025 | G | G | 0.1385 | 3964 |
| 19 chrX.112063 | G | A | 0.041 | 4000 |
| 19 chrX.112103 | C | A | 0.05741 | 4006 |
| 19 chrX.112108 | C | A | 0.3854 | 3996 |
| 19 chrX.112133 | G | A | 0.3512 | 3918 |
| 19 chrX.112161 | G | A | 0.09683 | 3976 |
| 19 chrX.112233 | G | A | 0.402 | 3980 |
| 19 chrX.112264 | G | A | 0.3567 | 3880 |
| 19 chrA2.76469 | G | G | 0.3822 | 3982 |
| 19 chrX.112295 | A | C | 0.4711 | 3950 |
| 19 chrD2.23962 | G | G | 0.2951 | 4002 |
| 19 chrX.112567 | C | C | 0.2155 | 3930 |
| 19 chrX.112612 | G | A | 0.09482 | 3860 |
| 19 chrD2.23566 | G | A | 0.4209 | 3980 |
| 19 chrX.112699 | A | G | 0.3234 | 3992 |
| 19 chrX.112724 | G | G | 0.4004 | 3996 |
| 19 chrX.112738 | A | A | 0.4013 | 4002 |
| 19 chrX.112778 | C | G | 0.02671 | 4006 |
| 19 chrUn.60569 | C | A | 0.4311 | 3948 |
| 19 chrX.112870 | A | G | 0.359 | 3958 |
| 19 chrX.112904 | G | A | 0.03623 | 3892 |
| 19 chrX.113057 | A | G | 0.4867 | 3996 |
| 19 chrX.113085 | G | G | 0.3694 | 4004 |
| 19 chrX.113179 | G | A | 0.1633 | 3974 |
| 19 chrX.113223 | G | A | 0.1351 | 3982 |
| 19 chrX.113270 | G | G | 0.06692 | 3990 |
| 19 chrC1.17130 | C | A | 0.001499 | 4004 |
| 19 chrX.113334 | G | A | 0.1914 | 4002 |
| 19 chrX.113401 | G | A | 0.1326 | 3996 |
| 19 chrX.113469 | G | G | 0.4772 | 3994 |

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| 19 chrB2.163783A | G | 0.4977 | 3990 |
| 19 chrX.113500CA | G | 0.272 | 3930 |
| 19 chrX.1135629A | G | 0.3779 | 3956 |
| 19 chrX.1135936G | A | 0.2867 | 4004 |
| 19 chrX.1136231A | G | 0.394 | 3982 |
| 19 chrX.1136289A | G | 0.4766 | 3982 |
| 19 chrX.1136564A | G | 0.06247 | 3986 |
| 19 chrX.1136917G | A | 0.4902 | 3978 |
| 19 chrX.1137264G | A | 0.2322 | 4006 |
| 19 chrX.1138147G | A | 0.01589 | 3902 |
| 19 chrX.1138358A | G | 0.4985 | 4000 |
| 19 chrX.1138631A | G | 0.1121 | 3996 |
| 19 chrUn.137754A | C | 0.1094 | 3986 |
| 19 chrX.1139307C | A | 0.3889 | 3998 |
| 19 chrX.1139644A | G | 0.2591 | 3936 |
| 19 chrX.1140329A | C | 0.2417 | 3984 |
| 19 chrX.1140653A | G | 0.251 | 3880 |
| 19 chrX.1141460G | A | 0.1112 | 4002 |
| 19 chrX.1141754C | A | 0.06219 | 4004 |
| 19 chrX.1142144G | A | 0.219 | 3972 |
| 19 chrX.1142440A | C | 0.1514 | 3864 |
| 19 chrX.1143147G | A | 0.4928 | 3866 |
| 19 chrX.1144123A | G | 0.3098 | 3996 |
| 19 chrX.4142002A | G | 0.4281 | 4006 |
| 19 chrX.4137820A | G | 0.3749 | 4006 |
| 19 chrX.1144455A | G | 0.3251 | 4002 |
| 19 chrX.1144722G | A | 0.4757 | 3986 |
| 19 chrX.1144996G | A | 0.2185 | 3968 |
| 19 chrX.1145270G | A | 0.4189 | 3972 |
| 19 chrX.1145586G | A | 0.1779 | 3980 |
| 19 chrX.1146085C | A | 0.2782 | 3990 |
| 19 chrX.1146346G | A | 0.3636 | 3966 |
| 19 chrX.1146595A | C | 0.2272 | 3934 |
| 19 chrX.1147419A | G | 0.3635 | 4000 |
| 19 chrX.1147696A | G | 0.4491 | 3946 |
| 19 chrX.1147750A | G | 0.06547 | 4002 |
| 19 chrX.1148189A | G | 0.3576 | 3996 |
| 19 chrX.1148797A | G | 0.2485 | 3960 |
| 19 chrX.1149767A | G | 0.2772 | 4004 |
| 19 chrX.1150698A | G | 0.183 | 4000 |
| 19 chrX.1151221G | A | 0.3701 | 3994 |

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| 19 chrX.1151594A | G | 0.231 | 3904 |
| 19 chrX.1152925A | G | 0.2004 | 4002 |
| 19 chrX.1153377A | G | 0.2173 | 4000 |
| 19 chrX.1154596G | A | 0.2464 | 4002 |
| 19 chrX.1154883G | A | 0.1546 | 3990 |
| 19 chrUn.152810A | G | 0.2251 | 3998 |
| 19 chrX.1155514G | A | 0.495 | 4004 |
| 19 chrX.1155978A | G | 0.2184 | 4006 |
| 19 chrX.1195815A | G | 0.4387 | 3966 |
| 19 chrX.1157541G | A | 0.1646 | 4004 |
| 19 chrX.1193919C | A | 0.2002 | 3972 |
| 19 chrX.1193636C | A | 0.1213 | 3866 |
| 19 chrX.1192180A | G | 0.3576 | 3960 |
| 19 chrX.1191765C | A | 0.1478 | 4000 |
| 19 chrX.1190614A | G | 0.08953 | 4010 |
| 19 chrX.1190259C | A | 0.316 | 3968 |
| 19 chrX.1189736A | C | 0.2697 | 3986 |
| 19 chrX.1188711C | A | 0.4646 | 3922 |
| 19 chrX.1188035A | G | 0.1732 | 3712 |
| 19 chrX.1187459G | A | 0.1914 | 4002 |
| 19 chrX.1187158A | G | 0.3433 | 3988 |
| 19 chrX.1185133A | G | 0.407 | 4000 |
| 19 chrX.1184429A | G | 0.1606 | 3936 |
| 19 chrX.1163772G | A | 0.2474 | 3986 |
| 19 chrX.1164613A | G | 0.1199 | 3994 |
| 19 chrX.1165087A | G | 0.09361 | 4006 |
| 19 chrX.1165449G | A | 0.08729 | 3998 |
| 19 chrX.1166074C | A | 0.003759 | 3990 |
| 19 chrX.1166635G | A | 0.4314 | 3982 |
| 19 chrX.1167121G | A | 0.276 | 3996 |
| 19 chrX.1167406A | G | 0.04772 | 3898 |
| 19 chrX.1167729A | G | 0.2697 | 3982 |
| 19 chrX.1168410G | A | 0.3215 | 3960 |
| 19 chrX.1168851G | A | 0.147 | 3932 |
| 19 chrX.1169317G | A | 0.4331 | 3994 |
| 19 chrX.1169771G | A | 0.07667 | 4004 |
| 19 chrX.1170338G | A | 0.3817 | 3982 |
| 19 chrX.1170655A | G | 0.2485 | 3984 |
| 19 chrX.1171157C | A | 0.2899 | 3984 |
| 19 chrX.1171474A | G | 0.482 | 3990 |
| 19 chrX.1171912A | G | 0.1494 | 3936 |

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| 19 chrX.1172227A | G | 0.2351 | 4002 |
| 19 chrX.1172566G | A | 0.2479 | 3998 |
| 19 chrX.1172854G | A | 0.2462 | 4000 |
| 19 chrX.1172927A | G | 0.3584 | 3970 |
| 19 chrX.1173180G | A | 0.152 | 3980 |
| 19 chrX.1173575A | G | 0.3826 | 3944 |
| 19 chrX.1174143A | G | 0.3752 | 3950 |
| 19 chrX.1174920C | A | 0.05547 | 3894 |
| 19 chrX.1176211G | A | 0.4178 | 4002 |
| 19 chrX.1176578G | A | 0.2375 | 3840 |
| 19 chrX.1176882C | A | 0.4545 | 3998 |
| 19 chrX.1177373A | G | 0.1264 | 3988 |
| 19 chrX.1177843G | A | 0.09665 | 4004 |
| 19 chrX.1178674A | G | 0.1347 | 3994 |
| 19 chrX.1179068A | G | 0.08824 | 3944 |
| 19 chrX.1179576A | G | 0.1086 | 3792 |
| 19 chrX.1179841A | G | 0.09091 | 3960 |
| 19 chrX.1180360A | G | 0.1106 | 3998 |
| 19 chrX.1180741G | A | 0.1146 | 3996 |
| 19 chrX.1181158G | A | 0.02841 | 3978 |
| 19 chrX.1181589C | A | 0.2397 | 3996 |
| 19 chrX.1181956A | G | 0.08016 | 3992 |
| 19 chrX.1182259G | A | 0.1043 | 4008 |
| 19 chrX.1182744A | G | 0.102 | 3992 |
| 19 chrX.1183169G | A | 0.1049 | 3948 |
| 19 chrX.1183446G | A | 0.05018 | 3926 |
| 19 chrX.1183699A | G | 0.1055 | 3990 |
| 19 chrX.1184031A | G | 0.1071 | 4006 |
| 19 chrX.1185429G | A | 0.04446 | 4004 |
| 19 chrX.1186047A | G | 0.09177 | 4010 |
| 19 chrX.1186630G | A | 0.1051 | 3988 |
| 19 chrX.1186909A | G | 0.04069 | 4006 |
| 19 chrX.1187719A | G | 0.05172 | 3848 |
| 19 chrX.1188349 | 0 A | 0 | 4006 |
| 19 chrX.1189244G | A | 0.06853 | 3998 |
| 19 chrX.1190985C | A | 0.003002 | 3998 |
| 19 chrX.1194185A | C | 0.02545 | 3812 |
| 19 chrX.1194481A | G | 0.04404 | 3928 |
| 19 chrX.1194509G | A | 0.0604 | 3990 |
| 19 chrX.1194925A | G | 0.05513 | 3900 |
| 19 chrX.1197134G | A | 0.1549 | 3996 |

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| 19 chrX.1197303A | G | 0.01034 | 3964 |
| 19 chrX.1197507G | A | 0.1968 | 4004 |
| 19 chrX.1198032G | A | 0.06451 | 3922 |
| 19 chrX.1198451A | G | 0.1018 | 3970 |
| 19 chrX.1198793A | C | 0.1053 | 3970 |
| 19 chrX.1199084A | G | 0.05292 | 3836 |
| 19 chrX.1199765G | A | 0.1668 | 3814 |
| 19 chrX.1201513A | G | 0.1829 | 4002 |
| 19 chrC2.326489A | C | 0.008238 | 4006 |
| 19 chrX.1201908A | G | 0.1722 | 3874 |
| 19 chrX.1202368G | A | 0.1826 | 3992 |
| 19 chrX.1202698G | A | 0.1804 | 4002 |
| 19 chrX.1202961A | G | 0.1624 | 3952 |
| 19 chrX.1203814A | G | 0.1672 | 4006 |
| 19 chrX.1204272C | A | 0.1602 | 3846 |
| 19 chrX.1204770A | G | 0.1675 | 3796 |
| 19 chrX.1205981C | A | 0.1177 | 3890 |
| 19 chrX.1206446A | G | 0.179 | 3972 |
| 19 chrX.1207182 | 0 A | 0 | 4008 |
| 19 chrX.1207276A | G | 0.07143 | 4004 |
| 19 chrX.1207784A | C | 0.4841 | 3972 |
| 19 chrX.1208562G | A | 0.4793 | 4000 |
| 19 chrX.1208901G | A | 0.477 | 4004 |
| 19 chrX.1209485A | G | 0.08026 | 3900 |
| 19 chrX.1209827A | G | 0.4345 | 3708 |
| 19 chrX.1210107A | G | 0.1864 | 3996 |
| 19 chrX.1210950G | A | 0.1781 | 3948 |
| 19 chrX.1211456G | A | 0.1828 | 3994 |
| 19 chrX.1211731A | G | 0.008 | 4000 |
| 19 chrX.1212366A | G | 0.3788 | 4002 |
| 19 chrX.1212639G | A | 0.4777 | 3940 |
| 19 chrX.1213023G | A | 0.2772 | 4000 |
| 19 chrX.1213535A | G | 0.475 | 3996 |
| 19 chrX.1214022A | G | 0.348 | 3994 |
| 19 chrX.1214419A | G | 0.1445 | 3980 |
| 19 chrX.1215246G | A | 0.1504 | 3990 |
| 19 chrX.1215514G | A | 0.2281 | 3990 |
| 19 chrX.1215826A | G | 0.479 | 4002 |
| 19 chrX.1216407A | G | 0.3128 | 3980 |
| 19 chrX.1216772A | G | 0.02869 | 4008 |
| 19 chrX.1217686G | A | 0.2943 | 3904 |

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| 19 chrX.121814C | A | 0.2892 | 3970 |
| 19 chrX.1218731G | A | 0.287 | 3982 |
| 19 chrX.121928C | A | 0.3694 | 4004 |
| 19 chrX.121980C | G | 0.1078 | 3972 |
| 19 chrX.122043C | G | 0.1138 | 4000 |
| 19 chrX.122043C | 0 G | 0 | 4004 |
| 19 chrX.122097C | C | 0.1127 | 3994 |
| 19 chrX.122122C | C | 0.1041 | 3900 |
| 19 chrX.1222967G | A | 0.07738 | 4006 |
| 19 chrX.1223251A | G | 0.08786 | 3870 |
| 19 chrX.122350C | G | 0.2739 | 3998 |
| 19 chrX.122437C | C | 0.03618 | 4008 |
| 19 chrX.122480C | G | 0.251 | 4008 |
| 19 chrX.122513C | G | 0.2635 | 3992 |
| 19 chrX.122545C | C | 0.2171 | 3924 |
| 19 chrX.122596C | G | 0.1675 | 3994 |
| 19 chrX.122630C | G | 0.09375 | 3968 |
| 19 chrX.1226772A | C | 0.08586 | 3762 |
| 19 chrX.122702C | A | 0.2872 | 3952 |
| 19 chrX.122748C | G | 0.1754 | 3928 |
| 19 chrX.1227841A | G | 0.2757 | 3986 |
| 19 chrX.122846C | G | 0.2806 | 3966 |
| 19 chrX.122946C | G | 0.1794 | 4008 |
| 19 chrX.122972C | G | 0.2944 | 3988 |
| 19 chrX.123010C | G | 0.2955 | 3824 |
| 19 chrX.123053C | A | 0.009749 | 3898 |
| 19 chrX.123074C | A | 0.292 | 3976 |
| 19 chrX.123117C | G | 0.176 | 3978 |
| 19 chrX.123193C | A | 0.0978 | 4008 |
| 19 chrX.123233C | A | 0.0963 | 3998 |
| 19 chrX.1233121A | G | 0.1802 | 3996 |
| 19 chrX.123395C | A | 0.4765 | 4000 |
| 19 chrX.1234667A | G | 0.4785 | 3998 |
| 19 chrX.123560C | A | 0.4634 | 3990 |
| 19 chrX.123590C | C | 0.2023 | 3974 |
| 19 chrX.123667C | G | 0.1736 | 3916 |
| 19 chrX.1237354G | A | 0.4625 | 3974 |
| 19 chrX.1237667A | G | 0.1862 | 3846 |
| 19 chrX.123812C | G | 0.4623 | 3954 |
| 19 chrX.1238512G | A | 0.4641 | 3986 |
| 19 chrX.123881C | 0 C | 0 | 4010 |

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| 19 chrX.123919C | A | G | 0.3197 | 3950 |
| 19 chrX.123976C | A | G | 0.4648 | 3972 |
| 19 chrX.124022G | A | A | 0.3399 | 3866 |
| 19 chrX.124066A | A | G | 0.169 | 4000 |
| 19 chrUn.23874A | A | A | 0.3192 | 3856 |
| 19 chrX.124122A | A | G | 0.46 | 3976 |
| 19 chrX.124178C | A | A | 0.4726 | 3984 |
| 19 chrX.124207A | A | G | 0.3415 | 3780 |
| 19 chrX.124264G | A | A | 0.1356 | 3754 |
| 19 chrX.124339C | A | A | 0.3367 | 3944 |
| 19 chrX.124386G | A | A | 0.3455 | 3994 |
| 19 chrX.124418A | A | G | 0.006024 | 3984 |
| 19 chrX.124508C | A | G | 0.3382 | 3870 |
| 19 chrX.124537G | A | A | 0.1649 | 3966 |
| 19 chrX.124600A | A | G | 0.1431 | 4004 |
| 19 chrX.124625A | A | C | 0.1447 | 3980 |
| 19 chrX.124633G | A | G | 0 | 4006 |
| 19 chrX.124653A | A | G | 0.14 | 3964 |
| 19 chrX.124713C | A | A | 0.1382 | 3980 |
| 19 chrX.124758A | A | G | 0.1356 | 3858 |
| 19 chrX.124820G | A | A | 0.1464 | 3832 |
| 19 chrX.124883C | A | A | 0.1405 | 3866 |
| 19 chrX.124941C | A | A | 0.1476 | 4010 |
| 19 chrX.124970A | A | G | 0.1527 | 3864 |
| 19 chrUn.37730A | A | G | 0.3457 | 4006 |
| 19 chrUn.10161A | A | G | 0.1574 | 3970 |
| 19 chrX.125112G | A | A | 0.1482 | 3988 |
| 19 chrX.125137A | A | G | 0.163 | 3712 |
| 19 chrX.125240C | A | A | 0.3459 | 3964 |
| 19 chrX.125431G | A | A | 0.1687 | 3930 |
| 19 chrF2.471772A | A | G | 0.02326 | 3998 |
| 19 chrX.125639A | A | C | 0.00962 | 3950 |
| 19 chrX.125782A | A | G | 0.1732 | 3920 |
| 19 chrX.125859A | A | C | 0.09518 | 3982 |
| 19 chrX.126020A | A | G | 0.1702 | 3978 |
| 19 chrX.126155A | A | G | 0.1642 | 3842 |
| 19 chrX.126198G | A | A | 0.1549 | 3982 |
| 19 chrUn.30079C | A | A | 0.1557 | 3994 |
| 19 chrX.126388C | A | A | 0.1508 | 3992 |
| 19 chrX.126466G | A | A | 0.3375 | 3956 |
| 19 chrX.126506G | A | A | 0.1887 | 3990 |

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| 19 chrX.1266168A | G | 0.1677 | 3972 |
| 19 chrX.1267068C | A | 0.3393 | 3952 |
| 19 chrX.1266673G | A | 0.1454 | 3968 |
| 19 chrX.1267504A | G | 0.3454 | 3966 |
| 19 chrX.1269702A | G | 0.1719 | 4002 |
| 19 chrX.1271212C | A | 0.1878 | 3998 |
| 19 chrX.1271499A | G | 0.1696 | 4010 |
| 19 chrX.1272428G | A | 0.1496 | 3984 |
| 19 chrX.1272959A | G | 0.09196 | 3980 |
| 19 chrX.1274212A | G | 0.1699 | 4002 |
| 19 chrX.1274449G | A | 0.1936 | 3992 |
| 19 chrX.1274727A | G | 0.1509 | 4002 |
| 19 chrX.1275305C | A | 0.1508 | 4004 |
| 19 chrX.1276789G | A | 0.3457 | 4004 |
| 19 chrX.1277137A | G | 0.1575 | 3906 |
| 19 chrX.1277414A | G | 0.1476 | 3942 |
| 19 chrX.1277852G | A | 0.346 | 4000 |
| 19 chrX.1278480G | A | 0.194 | 3994 |
| 19 chrX.1279148 | 0 A | 0 | 4010 |
| 19 chrX.1279159G | A | 0.1969 | 3930 |
| 19 chrX.1279419A | G | 0.1743 | 3866 |
| 19 chrX.1279858A | G | 0.1702 | 4002 |
| 19 chrX.1280781G | A | 0.1703 | 3910 |
| 19 chrX.1282057C | A | 0.348 | 3974 |
| 19 chrX.1282736A | G | 0.1703 | 4010 |
| 19 chrX.1283145A | G | 0.1692 | 4002 |
| 19 chrX.1283830A | G | 0.1358 | 4006 |
| 19 chrX.1284134C | A | 0.2009 | 3992 |
| 19 chrX.1284468A | C | 0.3377 | 3992 |
| 19 chrX.1284837A | G | 0.3407 | 3980 |
| 19 chrX.1285328A | C | 0.3397 | 4000 |
| 19 chrX.1285721A | G | 0.1694 | 4002 |
| 19 chrX.1286102A | C | 0.1702 | 3896 |
| 19 chrX.1286432A | C | 0.341 | 3994 |
| 19 chrX.1286920A | G | 0.1363 | 4006 |
| 19 chrX.1287938G | A | 0.3415 | 3968 |
| 19 chrX.1288467A | G | 0.1373 | 3990 |
| 19 chrX.1289283G | A | 0.3336 | 3888 |
| 19 chrX.1289690A | G | 0.1371 | 3968 |
| 19 chrX.1290126 | 0 C | 0 | 4006 |
| 19 chrX.1290266G | A | 0.3441 | 3938 |

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| 19 chrX.1290737A | G | 0.1709 | 3978 |
| 19 chrX.1290984C | G | 0.3409 | 3998 |
| 19 chrX.1291289A | C | 0.3404 | 3990 |
| 19 chrX.1291760A | C | 0.3402 | 3836 |
| 19 chrX.1292051G | C | 0.1148 | 3692 |
| 19 chrX.1292649A | G | 0.06228 | 3950 |
| 19 chrX.1293560A | G | 0.1031 | 3978 |
| 19 chrX.1293854G | A | 0.08529 | 3834 |
| 19 chrX.1294336A | G | 0.09788 | 3964 |
| 19 chrX.1295119A | G | 0.1068 | 3914 |
| 19 chrX.1295494A | G | 0.1012 | 3992 |
| 19 chrX.1295828 | 0 A | 0 | 4008 |
| 19 chrX.1296276G | A | 0.09965 | 3974 |
| 19 chrX.1296565G | A | 0.1298 | 4006 |
| 19 chrX.1297277A | C | 0.1296 | 3998 |
| 19 chrX.1297336A | G | 0.0002494 | 4010 |
| 19 chrX.1297680A | G | 0.1307 | 4010 |
| 19 chrX.1298335A | C | 0.1301 | 4004 |
| 19 chrX.1299589G | A | 0.1715 | 3994 |
| 19 chrX.1300492A | G | 0.1874 | 4002 |
| 19 chrX.1300751A | C | 0.1082 | 3910 |
| 19 chrX.1301348A | G | 0.07363 | 3898 |
| 19 chrX.1302495A | G | 0.1017 | 3994 |
| 19 chrX.1302854A | G | 0.09378 | 3988 |
| 19 chrX.1303706G | A | 0.1872 | 3996 |
| 19 chrX.1304282G | A | 0.07769 | 3810 |
| 19 chrX.1305254A | G | 0.07237 | 3966 |
| 19 chrX.1305536C | A | 0.07533 | 3810 |
| 19 chrX.1305616A | G | 0.0009995 | 4002 |
| 19 chrX.1305779G | A | 0.08894 | 3980 |
| 19 chrX.1306527A | G | 0.1862 | 4006 |
| 19 chrX.1306899G | A | 0.1932 | 3996 |
| 19 chrX.1307389A | C | 0.2038 | 3798 |
| 19 chrX.1307739G | A | 0.1936 | 4008 |
| 19 chrX.1308335G | A | 0.1029 | 4002 |
| 19 chrX.1311155G | A | 0.094 | 4000 |
| 19 chrX.1308776A | C | 0.09309 | 3996 |
| 19 chrX.1309299A | G | 0.08797 | 3990 |
| 19 chrX.1309832A | C | 0.004006 | 3994 |
| 19 chrX.1310087A | G | 0.1695 | 3900 |
| 19 chrX.1310518A | G | 0.1829 | 3952 |

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| 19 chrX.1310673 | 0 A | 0 | 4006 |
| 19 chrX.1311514C | A | 0.005508 | 3994 |
| 19 chrX.1312409A | G | 0.1749 | 3962 |
| 19 chrX.1312843C | A | 0.265 | 3966 |
| 19 chrX.1313353G | A | 0.3428 | 3970 |
| 19 chrX.1314106A | G | 0.09702 | 3824 |
| 19 chrX.1314302A | G | 0.4314 | 3966 |
| 19 chrX.1314560C | A | 0.2015 | 3996 |
| 19 chrX.1315384G | A | 0.4732 | 3962 |
| 19 chrX.1315633A | G | 0.3283 | 3984 |
| 19 chrX.1315935G | A | 0.03418 | 4008 |
| 19 chrX.1316613A | G | 0.1059 | 3928 |
| 19 chrX.1316949C | A | 0.04144 | 4006 |
| 19 chrX.1317319A | G | 0.1627 | 4008 |
| 19 chrX.1317986A | G | 0.004282 | 3970 |
| 19 chrX.1318697G | A | 0.1627 | 4000 |
| 19 chrX.1319335G | A | 0.0664 | 4006 |
| 19 chrX.1319715G | A | 0.2726 | 3998 |
| 19 chrX.1320006G | A | 0.05184 | 3974 |
| 19 chrX.1320337A | G | 0.1749 | 4008 |
| 19 chrX.1320711A | G | 0.08425 | 4000 |
| 19 chrX.1321105A | G | 0.3298 | 4008 |
| 19 chrX.1321540A | G | 0.2109 | 3998 |
| 19 chrX.1321817G | A | 0.217 | 4000 |
| 19 chrX.1322174G | A | 0.406 | 4000 |
| 19 chrX.1322551G | A | 0.2628 | 3946 |
| 19 chrX.1323119A | G | 0.1237 | 3744 |
| 19 chrX.1323521A | C | 0.3961 | 3964 |
| 19 chrX.1324078A | G | 0.2479 | 3986 |
| 19 chrX.1324705G | A | 0.2732 | 4000 |
| 19 chrX.1324986A | G | 0.3965 | 3972 |
| 19 chrX.1325501A | G | 0.136 | 4008 |
| 19 chrX.1325742G | A | 0.2532 | 3966 |
| 19 chrUn.59160(A | G | 0.3529 | 3990 |
| 19 chrX.1326280G | A | 0.1483 | 4006 |
| 19 chrX.1326878A | G | 0.3279 | 3992 |
| 19 chrX.1327354G | A | 0.4206 | 3978 |
| 19 chrX.1327745A | G | 0.4913 | 4002 |
| 19 chrX.1328123A | C | 0.1989 | 3982 |
| 19 chrX.1328640G | A | 0.3354 | 3998 |
| 19 chrX.1329241G | A | 0.2726 | 4002 |

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| 19 chrX.1329727A | G | 0.1198 | 3980 |
| 19 chrX.133060CA | G | 0.2242 | 3792 |
| 19 chrX.133084CA | G | 0.3777 | 3974 |
| 19 chrX.133115C | 0 A | 0 | 4008 |
| 19 chrX.133126CA | G | 0.2839 | 3984 |
| 19 chrX.133153CA | G | 0.06437 | 4008 |
| 19 chrX.1331791A | C | 0.2278 | 4000 |
| 19 chrX.1332122G | A | 0.3124 | 3992 |
| 19 chrX.1332621A | G | 0.2825 | 3918 |
| 19 chrX.1332932G | A | 0.3337 | 3992 |
| 19 chrX.1333322G | A | 0.08844 | 3980 |
| 19 chrX.133369CA | A | 0.2605 | 4004 |
| 19 chrX.133409CA | A | 0.2007 | 3992 |
| 19 chrUn.378938G | A | 0.2876 | 3998 |
| 19 chrX.133465CA | C | 0.3215 | 3994 |
| 19 chrX.1335017G | A | 0.03042 | 4010 |
| 19 chrX.1335287A | C | 0.2778 | 3942 |
| 19 chrX.133560CA | G | 0.3014 | 3992 |
| 19 chrX.1336854A | G | 0.1094 | 3978 |
| 19 chrX.133731CA | G | 0.08183 | 3874 |
| 19 chrX.133770CA | G | 0.3581 | 4002 |
| 19 chrX.1337987G | A | 0.4449 | 3628 |
| 19 chrX.133839CA | A | 0.1921 | 3998 |
| 19 chrX.1339432G | A | 0.3402 | 3998 |
| 19 chrX.133982CA | G | 0.09142 | 3916 |
| 19 chrX.134001CA | G | 0.09255 | 3998 |
| 19 chrX.134034CA | G | 0.3461 | 3982 |
| 19 chrX.134085CA | A | 0.1663 | 3998 |
| 19 chrX.134117CA | C | 0.2221 | 3958 |
| 19 chrX.134175CA | A | 0.4337 | 3998 |
| 19 chrX.134256CA | C | 0.1935 | 3994 |
| 19 chrX.134326CA | G | 0.0993 | 3998 |
| 19 chrX.134362CA | G | 0.491 | 3996 |
| 19 chrX.134408CA | G | 0.4686 | 3944 |
| 19 chrX.134492CA | A | 0.1973 | 3998 |
| 19 chrX.135192CA | G | 0.2296 | 3968 |
| 19 chrX.1351344C | A | 0.2353 | 3974 |
| 19 chrX.134782CA | C | 0.1586 | 3908 |
| 19 chrX.1350342A | G | 0.3503 | 3800 |
| 19 chrX.1348177G | A | 0.4003 | 3970 |
| 19 chrX.134823CA | G | 0.02721 | 3748 |

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| 19 chrX.1352741A | G | 0.2858 | 3972 |
| 19 chrUn3.8221G | A | 0.2824 | 3994 |
| 19 chrX.1353836G | A | 0.4755 | 4000 |
| 19 chrX.1353432C | A | 0.3054 | 3998 |
| 19 chrX.1353136A | G | 0.2626 | 3998 |
| 19 chrX.1349929A | G | 0.4233 | 3948 |
| 19 chrX.1354150G | A | 0.1114 | 4004 |
| 19 chrX.1354567G | A | 0.023 | 4000 |
| 19 chrX.1356454G | A | 0.2016 | 4002 |
| 19 chrX.1356797A | G | 0.3567 | 3998 |
| 19 chrX.1357281A | G | 0.1924 | 3986 |
| 19 chrX.1357681G | A | 0.3453 | 3968 |
| 19 chrX.1357987C | A | 0.143 | 3980 |
| 19 chrX.1358482A | G | 0.01326 | 3922 |
| 19 chrX.1358774A | G | 0.09681 | 3822 |
| 19 chrX.1358917C | A | 0.371 | 3970 |
| 19 chrX.1359454G | A | 0.2903 | 3986 |
| 19 chrX.1359977A | G | 0.08092 | 4004 |
| 19 chrX.1360756C | A | 0.1396 | 3996 |
| 19 chrX.1362181G | A | 0.445 | 3982 |
| 19 chrX.1363059C | A | 0.0449 | 3942 |
| 19 chrX.1363349A | G | 0.1337 | 3928 |
| 19 chrX.1363810A | G | 0.4514 | 3990 |
| 19 chrX.1364221A | G | 0.2691 | 3988 |
| 19 chrX.1365536A | C | 0.1487 | 3974 |
| 19 chrX.1365913A | G | 0.1955 | 3990 |
| 19 chrX.1367008G | A | 0.3899 | 3978 |
| 19 chrX.1367546G | A | 0.1328 | 4000 |
| 19 chrX.1367948A | G | 0.1755 | 3994 |
| 19 chrX.1368555G | A | 0.223 | 3982 |
| 19 chrX.1368911A | C | 0.2213 | 4004 |
| 19 chrX.1369609A | G | 0.3942 | 3942 |
| 19 chrX.1371506A | G | 0.1112 | 3976 |
| 19 chrX.1370777G | A | 0.188 | 4000 |
| 19 chrX.1371163C | A | 0.4835 | 3998 |
| 19 chrX.1373727G | A | 0.4619 | 3986 |
| 19 chrX.1373067A | C | 0.0555 | 3838 |
| 19 chrX.1375827A | G | 0.3724 | 3964 |
| 19 chrC2.123187A | G | 0.156 | 3994 |
| 19 chrC2.123098A | G | 0.2708 | 3996 |
| 19 chrC2.122968A | G | 0.4306 | 4004 |

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| 19 chrC2.122860A | G | 0.1711 | 3998 |
| 19 chrUn.670911A | G | 0.1973 | 3994 |
| 19 chrX.1379033A | G | 0.3005 | 3994 |
| 19 chrC2.122640G | A | 0.07809 | 3970 |
| 19 chrX.1382724G | A | 0.4915 | 3996 |
| 19 chrX.1381745A | G | 0.2189 | 3998 |
| 19 chrX.1382114A | C | 0.06564 | 3976 |
| 19 chrC2.121861A | G | 0.3948 | 3982 |
| 19 chrC2.121916A | G | 0.2643 | 3996 |
| 19 chrC2.121986G | A | 0.04019 | 4006 |
| 19 chrC2.122155G | A | 0.2124 | 3998 |
| 19 chrC2.122274A | G | 0.1214 | 3996 |
| 19 chrC2.122372G | A | 0.3069 | 3988 |
| 19 chrC2.122402G | A | 0.3459 | 3978 |
| 19 chrC2.122432A | C | 0.3352 | 3974 |
| 19 chrC2.122548G | A | 0.3816 | 4002 |
| 19 chrX.1386785A | G | 0.1703 | 3982 |
| 19 chrX.1387457C | A | 0.3422 | 4004 |
| 19 chrX.1387792A | G | 0.3987 | 4000 |
| 19 chrX.1389280G | A | 0.2819 | 4002 |
| 19 chrX.1390187G | A | 0.3483 | 3982 |
| 19 chrX.1390812A | G | 0.1224 | 3808 |
| 19 chrX.1393285A | G | 0.4972 | 3996 |
| 19 chrX.1393542A | G | 0.2722 | 3924 |
| 19 chrX.1393903A | G | 0.1523 | 4006 |
| 19 chrX.1394277A | G | 0.1344 | 3936 |
| 19 chrX.1394695G | A | 0.3522 | 4000 |
| 19 chrX.1395353G | A | 0.1305 | 3894 |
| 19 chrX.1395707C | A | 0.274 | 4000 |
| 19 chrX.1396396A | G | 0.1406 | 3990 |
| 19 chrX.1397210C | A | 0.037 | 4000 |
| 19 chrX.1397482A | G | 0.03792 | 3850 |
| 19 chrX.1397784G | A | 0.3943 | 3994 |
| 19 chrX.1398293A | G | 0.1524 | 4002 |
| 19 chrX.1398644G | A | 0.001506 | 3984 |
| 19 chrX.1399015G | A | 0.1031 | 3910 |
| 19 chrX.1399895G | A | 0.0396 | 3838 |
| 19 chrX.1399935A | G | 0.08446 | 4002 |
| 19 chrX.1400306C | A | 0.4596 | 3988 |
| 19 chrX.1400797A | G | 0.2957 | 3980 |
| 19 chrX.1401655A | G | 0.0387 | 3928 |

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| 19 chrX.140202C A | G | 0.1721 | 4004 |
| 19 chrX.1402407 G | A | 0.16 | 3976 |
| 19 chrX.1403107 A | G | 0.1418 | 3950 |
| 19 chrX.1403558 A | G | 0.08659 | 3996 |
| 19 chrX.1403948 A | G | 0.2231 | 3994 |
| 19 chrX.1404382 C | A | 0.3302 | 3982 |
| 19 chrX.1405301 G | A | 0.4734 | 3912 |
| 19 chrX.1406286 G | A | 0.3718 | 3978 |
| 19 chrX.1407006 A | G | 0.05185 | 3954 |
| 19 chrX.1407368 A | G | 0.04254 | 3996 |
| 19 chrX.1407374 G | A | 0.3846 | 4002 |
| 19 chrX.1407646 A | G | 0.1519 | 3990 |
| 19 chrX.1407886 G | A | 0.09176 | 3956 |
| 19 chrX.1408181 G | A | 0.08242 | 4004 |
| 19 chrX.1408182 C | A | 0.3764 | 3826 |
| 19 chrX.1408676 G | A | 0.07642 | 4004 |
| 19 chrX.1409577 G | A | 0.2747 | 3928 |
| 19 chrX.1409959 A | C | 0.04389 | 4010 |
| 19 chrX.1410544 G | A | 0.4589 | 3994 |
| 19 chrX.1411335 G | A | 0.03293 | 4008 |
| 19 chrX.1411945 A | G | 0.2469 | 3998 |
| 19 chrX.1412681 A | G | 0.4609 | 3986 |
| 19 chrX.141316C A | G | 0.3205 | 3882 |
| 19 chrX.1413489 A | G | 0.2354 | 3926 |
| 19 chrX.1413799 G | A | 0.4455 | 3982 |
| 19 chrX.1414157 A | C | 0.3117 | 3972 |
| 19 chrX.1414533 G | A | 0.03092 | 4010 |
| 19 chrX.1414792 A | G | 0.2383 | 3848 |
| 19 chrX.1415395 G | A | 0.4354 | 3900 |
| 19 chrX.1415751 G | A | 0.3703 | 4008 |
| 19 chrX.141616C A | G | 0.4154 | 3984 |
| 19 chrX.1416571 A | G | 0.3966 | 3994 |
| 19 chrX.141712C G | A | 0.4437 | 3994 |
| 19 chrX.1417505 G | A | 0.398 | 4000 |
| 19 chrX.1417901 A | G | 0.2545 | 3992 |
| 19 chrX.1418783 C | A | 0.1057 | 4002 |
| 19 chrX.1419395 G | A | 0.4475 | 4002 |
| 19 chrX.1419644 A | G | 0.2942 | 3878 |
| 19 chrX.1419988 G | A | 0.3637 | 3990 |
| 19 chrX.1420942 G | A | 0.04341 | 4008 |
| 19 chrX.1421259 G | A | 0.343 | 3994 |

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| 19 chrX.1423243G | A | 0.3551 | 3996 |
| 19 chrX.1423677A | G | 0.02613 | 3942 |
| 19 chrX.1424085A | G | 0.4908 | 4000 |
| 19 chrX.1424495A | G | 0.4782 | 3998 |
| 19 chrX.1424842G | A | 0.3526 | 4004 |
| 19 chrX.1425704A | G | 0.1993 | 3914 |
| 19 chrX.1426265G | A | 0.04171 | 3956 |
| 19 chrX.1426722G | A | 0.07625 | 4000 |
| 19 chrX.1427044A | G | 0.4299 | 3982 |
| 19 chrX.1427433G | A | 0.4672 | 3928 |
| 19 chrX.1427742A | G | 0.342 | 3994 |
| 19 chrX.1428194A | G | 0.4782 | 3994 |
| 19 chrX.1428548G | A | 0.4333 | 3928 |
| 19 chrX.1429298C | A | 0.08059 | 4008 |
| 19 chrX.1429675A | C | 0.4526 | 3988 |
| 19 chrX.1430004A | G | 0.03217 | 4010 |
| 19 chrX.1430242A | G | 0.1685 | 3934 |
| 19 chrX.1430611A | G | 0.07396 | 4002 |
| 19 chrX.1431365G | A | 0.3287 | 4004 |
| 19 chrX.1431458A | G | 0.4535 | 4000 |
| 19 chrX.1431652G | A | 0.1578 | 4004 |
| 19 chrX.1432481A | G | 0.4336 | 4004 |
| 19 chrX.1432728G | C | 0.1415 | 4006 |
| 19 chrX.1433133G | A | 0.3746 | 4004 |
| 19 chrX.1449647A | G | 0.4457 | 4000 |
| 19 chrX.1433772A | G | 0.2452 | 3928 |
| 19 chrX.1434042A | G | 0.2368 | 3974 |
| 19 chrX.1434359A | G | 0.211 | 4010 |
| 19 chrX.1434695G | A | 0.3104 | 3998 |
| 19 chrX.1435749A | G | 0.3338 | 4002 |
| 19 chrX.1435751G | A | 0.08462 | 4006 |
| 19 chrX.1436358G | A | 0.4884 | 3982 |
| 19 chrX.1436651G | A | 0.4458 | 3986 |
| 19 chrX.1436987G | A | 0.01248 | 4008 |
| 19 chrD1.920922G | A | 0.1985 | 3804 |
| 19 chrX.1437366A | G | 0.4805 | 3996 |
| 19 chrX.1437726A | C | 0.1347 | 3986 |
| 19 chrX.1438528A | G | 0.1449 | 4002 |
| 19 chrX.1439826G | A | 0.3983 | 3992 |
| 19 chrX.1440072C | A | 0.2557 | 3982 |
| 19 chrX.1440604A | G | 0.4175 | 3988 |

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| 19 chrX.1441172A | G | 0.3988 | 4000 |
| 19 chrX.1441457A | G | 0.2457 | 3996 |
| 19 chrX.1441714A | G | 0.06911 | 4008 |
| 19 chrX.1442331A | G | 0.4559 | 3990 |
| 19 chrX.1443283G | A | 0.3679 | 3966 |
| 19 chrX.1442778G | A | 0.4692 | 3990 |
| 19 chrX.1443964C | A | 0.3801 | 3978 |
| 19 chrX.1444220A | G | 0.1902 | 3860 |
| 19 chrX.1444557A | C | 0.4659 | 3984 |
| 19 chrX.1444816C | A | 0.4957 | 3980 |
| 19 chrX.1445216A | C | 0.4154 | 3958 |
| 19 chrX.1446177G | A | 0.08262 | 3994 |
| 19 chrX.1446728C | A | 0.4349 | 3980 |
| 19 chrX.1447154G | A | 0.2236 | 3932 |
| 19 chrX.1447413G | A | 0.3847 | 3988 |
| 19 chrX.1448067G | A | 0.2806 | 4002 |
| 19 chrX.1448486A | G | 0.09759 | 3986 |
| 19 chrX.1447789G | A | 0.2623 | 3992 |
| 19 chrX.1450546C | A | 0.4128 | 3944 |
| 19 chrX.1503970A | G | 0.07374 | 3770 |
| 19 chrX.1454161C | A | 0.05371 | 3910 |
| 19 chrX.1457064G | A | 0.0439 | 3986 |
| 19 chrX.1457328A | G | 0.3015 | 3934 |
| 19 chrX.1457567A | G | 0.2078 | 3990 |
| 19 chrX.1457921A | G | 0.3125 | 3994 |
| 19 chrX.1459122A | G | 0.04743 | 4006 |
| 19 chrX.1460415G | A | 0.2553 | 3992 |
| 19 chrX.1463445A | G | 0.2292 | 3926 |
| 19 chrX.1464595G | A | 0.33 | 3994 |
| 19 chrX.1466541A | G | 0.1767 | 3962 |
| 19 chrF2.650417A | G | 0.04962 | 3950 |
| 19 chrX.1466841A | C | 0.3287 | 3998 |
| 19 chrX.1467783G | A | 0.2146 | 3980 |
| 19 chrX.1468321G | A | 0.416 | 3998 |
| 19 chrX.1469743A | G | 0.1773 | 4000 |
| 19 chrX.1470169G | A | 0.3958 | 4002 |
| 19 chrX.1470636A | G | 0.07771 | 4002 |
| 19 chrX.1470968A | C | 0.3056 | 3996 |
| 19 chrX.1471647G | A | 0.2275 | 3736 |
| 19 chrX.1471906A | G | 0.4607 | 3968 |
| 19 chrX.1472330G | A | 0.4363 | 3986 |

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| 19 chrX.147270C | A | G | 0.002496 | 4006 |
| 19 chrX.1472991A | | G | 0.04339 | 3964 |
| 19 chrX.147340C | A | G | 0.1196 | 4006 |
| 19 chrX.147434C | A | G | 0.4849 | 3980 |
| 19 chrX.147522C | A | G | 0.4248 | 4000 |
| 19 chrX.147550C | G | A | 0.136 | 3992 |
| 19 chrX.147591C | A | C | 0.2131 | 3994 |
| 19 chrX.147682C | A | G | 0.3614 | 3996 |
| 19 chrX.147710C | A | G | 0.4004 | 3966 |
| 19 chrX.1477471G | | A | 0.1001 | 3836 |
| 19 chrX.147773C | A | G | 0.1532 | 4008 |
| 19 chrX.1477991A | | G | 0.449 | 3862 |
| 19 chrX.1478581G | | A | 0.2961 | 3988 |
| 19 chrX.147918C | A | G | 0.4509 | 3992 |
| 19 chrX.147994C | G | A | 0.2486 | 3950 |
| 19 chrX.148040C | A | G | 0.2449 | 3994 |
| 19 chrX.148065C | C | A | 0.2839 | 3938 |
| 19 chrX.148102C | G | A | 0.2095 | 3886 |
| 19 chrX.148155C | G | A | 0.1298 | 3976 |
| 19 chrX.148208C | G | A | 0.3605 | 3992 |
| 19 chrX.148238C | A | G | 0.169 | 4000 |
| 19 chrX.148271C | A | G | 0.1575 | 4000 |
| 19 chrX.148301C | C | A | 0.09569 | 3898 |
| 19 chrX.148343C | C | A | 0.3645 | 3978 |
| 19 chrX.148371C | A | G | 0.3554 | 3964 |
| 19 chrX.148438C | A | G | 0.2012 | 3986 |
| 19 chrX.1484797C | | A | 0.0986 | 4006 |
| 19 chrX.148528C | G | A | 0.3539 | 3936 |
| 19 chrX.1485527A | | G | 0.3975 | 3992 |
| 19 chrX.148582C | G | A | 0.2451 | 4002 |
| 19 chrX.1486131A | | G | 0.444 | 4000 |
| 19 chrX.148644C | A | G | 0.06372 | 4002 |
| 19 chrX.148730C | G | A | 0.3788 | 4000 |
| 19 chrX.1487647C | | A | 0.1834 | 3992 |
| 19 chrX.148837C | A | G | 0.2226 | 3936 |
| 19 chrX.1489107A | | G | 0.03247 | 4004 |
| 19 chrX.1489347A | | G | 0.02794 | 4008 |
| 19 chrX.148967C | A | G | 0.4835 | 3938 |
| 19 chrX.149014C | G | A | 0.1039 | 4002 |
| 19 chrX.149058C | A | G | 0.1923 | 3998 |
| 19 chrX.1491351A | | G | 0.2523 | 3904 |

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| 19 chrX.1491592A | G | 0.2229 | 3854 |
| 19 chrX.1492086A | G | 0.01026 | 3998 |
| 19 chrX.1492169G | A | 0.06786 | 4008 |
| 19 chrX.1492920A | C | 0.4622 | 3996 |
| 19 chrX.1493367A | G | 0.0564 | 3954 |
| 19 chrX.1493702A | G | 0.05994 | 4004 |
| 19 chrX.1494065A | G | 0.01523 | 4004 |
| 19 chrX.1494376C | A | 0.2675 | 3970 |
| 19 chrX.1495623A | G | 0.006365 | 3928 |
| 19 chrX.1495948C | A | 0.421 | 3936 |
| 19 chrX.1496225A | G | 0.2508 | 3972 |
| 19 chrX.1496924G | A | 0.3134 | 4004 |
| 19 chrX.1497385A | G | 0.3307 | 3986 |
| 19 chrX.1497875C | A | 0.4074 | 3942 |
| 19 chrX.1498260A | G | 0.05891 | 4006 |
| 19 chrX.1498324 | 0 G | 0 | 4010 |
| 19 chrX.1498519A | G | 0.2626 | 4002 |
| 19 chrX.1498865A | G | 0.2729 | 4002 |
| 19 chrX.1499452G | A | 0.4467 | 3996 |
| 19 chrX.1500902G | A | 0.4463 | 3988 |
| 19 chrX.1501320 | 0 G | 0 | 3986 |
| 19 chrX.1501322A | G | 0.2693 | 3996 |
| 19 chrX.1507890A | G | 0.4321 | 3960 |
| 19 chrX.1508203G | A | 0.02578 | 3996 |
| 19 chrX.1508443G | A | 0.4285 | 3874 |
| 19 chrX.1508651 | 0 C | 0 | 4000 |
| 19 chrX.1510522G | A | 0.4248 | 3898 |
| 19 chrX.1511112A | G | 0.3892 | 3988 |
| 19 chrX.1511526A | G | 0.05794 | 4004 |
| 19 chrX.1511926A | G | 0.05819 | 4004 |
| 19 chrX.1512248A | G | 0.2485 | 3992 |
| 19 chrX.1512883A | G | 0.2072 | 3944 |
| 19 chrX.1513469A | G | 0.207 | 3990 |
| 19 chrX.1514548 | 0 G | 0 | 4008 |
| 19 chrX.1514627A | G | 0.02645 | 4008 |
| 19 chrX.1514868G | A | 0.1926 | 3998 |
| 19 chrX.1515854A | G | 0.2208 | 3932 |
| 19 chrX.1516127A | G | 0.3236 | 3996 |
| 19 chrX.1516573A | G | 0.2976 | 3992 |
| 19 chrX.1517169A | G | 0.3514 | 3998 |
| 19 chrX.1517722A | G | 0.3048 | 3970 |

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| 19 chrX.1518106A | G | 0.1097 | 3938 |
| 19 chrX.1518253A | G | 0.0002498 | 4004 |
| 19 chrX.1518787C | A | 0.4754 | 3984 |
| 19 chrX.1519244C | A | 0.06109 | 3912 |
| 19 chrX.1519973A | G | 0.3536 | 3996 |
| 19 chrX.1520377C | A | 0.4165 | 3988 |
| 19 chrX.1520860A | C | 0.4119 | 3950 |
| 19 chrX.1521523G | A | 0.4079 | 3996 |
| 19 chrX.1521816A | G | 0.4085 | 3968 |
| 19 chrX.1522242A | G | 0.2302 | 3988 |
| 19 chrX.1522500A | G | 0.4068 | 3968 |
| 19 chrX.1523058A | C | 0.3914 | 3868 |
| 19 chrX.1523568A | C | 0.02917 | 3874 |
| 19 chrX.1523972G | A | 0.4017 | 3966 |
| 19 chrX.1524606C | A | 0.4084 | 3996 |
| 19 chrX.1525063A | G | 0.06543 | 4004 |
| 19 chrX.1525349A | G | 0.02045 | 3960 |
| 19 chrX.1525878A | G | 0.4019 | 3936 |
| 19 chrX.1526207A | G | 0.001248 | 4008 |
| 19 chrX.1526379A | G | 0.4038 | 4002 |
| 19 chrX.1526908G | A | 0.4009 | 3976 |
| 19 chrX.1527197A | G | 0.3995 | 3960 |
| 19 chrX.1527523A | G | 0.2013 | 3990 |
| 19 chrX.1528190G | A | 0.4661 | 3864 |
| 19 chrX.1530568G | A | 0.4011 | 3962 |
| 19 chrX.1531896A | G | 0.4121 | 3856 |
| 19 chrX.1532145A | G | 0.4034 | 3986 |
| 19 chrX.1532455A | G | 0.4024 | 3964 |
| 19 chrA3.391334G | A | 0.3973 | 3952 |
| 19 chrX.1534207A | G | 0.4072 | 3946 |
| 19 chrX.1534760A | C | 0.09177 | 4010 |
| 19 chrX.1535416G | A | 0.4026 | 3984 |
| 19 chrX.1536108G | A | 0.4038 | 4000 |
| 19 chrX.1558131G | A | 0.405 | 3916 |
| 19 chrX.1557666A | C | 0.2309 | 3976 |
| 19 chrX.1557414A | G | 0.2328 | 3952 |
| 19 chrX.1537219A | C | 0.3991 | 3984 |
| 19 chrX.1537843A | G | 0.09214 | 3994 |
| 19 chrX.1538711A | G | 0.09177 | 4010 |
| 19 chrX.1539126A | C | 0.02008 | 3984 |
| 19 chrX.1540337G | A | 0.1723 | 4000 |

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| 19 chrX.1541288 | 0 C | 0 | 4010 |
| 19 chrX.1541706 | A | 0.0272 | 4008 |
| 19 chrX.1543424 | A | 0.1712 | 4002 |
| 19 chrX.1543704 | A | 0.0248 | 3992 |
| 19 chrX.1539940 | 0 G | 0 | 4008 |
| 19 chrX.1544818 | A | 0.4362 | 3980 |
| 19 chrX.1545071 | A | 0.02641 | 3938 |
| 19 chrX.1545386 | A | 0.3997 | 3940 |
| 19 chrX.1546229 | A | 0.3955 | 3990 |
| 19 chrX.1547095 | G | 0.3394 | 3942 |
| 19 chrX.1547751 | A | 0.238 | 4000 |
| 19 chrX.1548107 | G | 0.2374 | 3994 |
| 19 chrX.1548793 | A | 0.2463 | 3950 |
| 19 chrX.1549561 | G | 0.2851 | 4006 |
| 19 chrX.1549946 | G | 0.2843 | 3992 |
| 19 chrX.1550419 | G | 0.3184 | 4004 |
| 19 chrX.1550983 | A | 0.03757 | 3780 |
| 19 chrX.1551259 | G | 0.3364 | 3998 |
| 19 chrX.1551834 | G | 0.2782 | 4000 |
| 19 chrX.1552073 | G | 0.2778 | 3992 |
| 19 chrX.1552479 | A | 0.3408 | 3952 |
| 19 chrX.1553262 | C | 0.03557 | 3992 |
| 19 chrX.1553593 | G | 0.2943 | 4000 |
| 19 chrX.1554433 | C | 0.000763 | 3932 |
| 19 chrX.1554703 | G | 0.2936 | 3896 |
| 19 chrX.1554964 | 0 C | 0 | 4004 |
| 19 chrX.1555347 | G | 0.3794 | 3972 |
| 19 chrX.1556107 | G | 0.03687 | 3878 |
| 19 chrX.1559610 | G | 0.2233 | 3834 |
| 19 chrX.1560351 | G | 0.0403 | 3896 |
| 19 chrX.1561821 | G | 0.288 | 3944 |
| 19 chrX.1562626 | A | 0.03477 | 3998 |
| 19 chrX.1563110 | G | 0.4173 | 3956 |
| 19 chrX.1563487 | G | 0.05466 | 3970 |
| 19 chrX.1563829 | G | 0.07592 | 3978 |
| 19 chrX.1565423 | A | 0.07938 | 4006 |
| 19 chrX.1566095 | A | 0.08007 | 3672 |
| 19 chrX.1566359 | C | 0.2927 | 3868 |
| 19 chrX.1566982 | A | 0.3013 | 3936 |
| 19 chrX.1567360 | A | 0.2973 | 3996 |
| 19 chrX.1567893 | G | 0.00305 | 3934 |

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|-----------------|---|-----|-----------|------|
| 19 chrX.1568668 | A | G | 0.05122 | 3846 |
| 19 chrX.1572010 | A | G | 0.4347 | 3998 |
| 19 chrX.1573231 | A | C | 0.2649 | 3986 |
| 19 chrX.1573473 | A | A | 0.2694 | 3998 |
| 19 chrX.1573858 | A | A | 0.2683 | 3984 |
| 19 chrX.1574819 | A | G | 0.02768 | 3938 |
| 19 chrX.1575008 | A | G | 0.02835 | 3986 |
| 20 Phen_GLB1_1 | C | A | 0.4917 | 3954 |
| 20 Phen_GLB1_1 | C | 0 C | 0 | 4004 |
| 20 CHR20.204 | | 0 A | 0 | 4008 |
| 20 G20Z.218 | | 0 G | 0 | 4002 |
| 20 chrUn.298141 | | A | 0.07541 | 3912 |
| 20 G20Z.245 | | 0 G | 0 | 4010 |
| 20 chrUn.313620 | | A | 0.3635 | 3970 |
| 20 G20Z.350 | A | G | 0.001511 | 3972 |
| 20 chrB2.387559 | C | G | 0.001006 | 3978 |
| 20 chrC1.290524 | A | G | 0.1046 | 3948 |
| 20 chrB2.386674 | | 0 G | 0 | 4002 |
| 20 chrB1.406290 | | 0 G | 0 | 3956 |
| 20 chrB3.168548 | A | C | 0.4278 | 3960 |
| 20 chrX.9798699 | G | A | 0.3275 | 3930 |
| 20 chrUn.657031 | G | A | 0.0002504 | 3994 |
| 20 chrUn26.3219 | G | A | 0.3651 | 3952 |
| 20 chrB2.384103 | A | G | 0.01497 | 4008 |
| 20 chrA3.103333 | A | C | 0.2335 | 3992 |
| 20 chrA2.145736 | | 0 G | 0 | 3998 |
| 20 chrUn.794171 | G | A | 0.2419 | 3894 |
| 20 chrB2.139286 | A | G | 0.3215 | 3932 |
| 20 chrX.3619448 | G | A | 0.002743 | 4010 |
| 20 chrC1.117054 | A | G | 0.2342 | 3822 |
| 20 chrD4.403837 | A | G | 0.4139 | 3960 |
| 20 chrE3.197240 | A | G | 0.07059 | 3896 |
| 20 chrD4.459811 | A | C | 0.1184 | 3868 |
| 20 chrB1.985883 | A | G | 0.2263 | 4008 |
| 20 chrUn.276201 | | 0 A | 0 | 4002 |
| 20 chrX.5633561 | | 0 G | 0 | 4006 |
| 20 chrC1.118728 | G | A | 0.3104 | 3998 |
| 20 chrUn8.15401 | A | C | 0.4977 | 3970 |
| 20 chrB2.385810 | | 0 G | 0 | 4002 |
| 20 chrB4.370986 | | 0 G | 0 | 4010 |
| 20 chrB3.114083 | G | A | 0.2856 | 3998 |

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| 20 chrB4.370024A | G | 0.05806 | 3944 |
| 20 chrB1.169538A | G | 0.4244 | 3784 |
| 20 chrD4.189294C | G | 0.4892 | 3976 |
| 20 chrUn26.5076A | G | 0.2883 | 3746 |
| 20 chrB2.395585T | A | 0.4211 | 3982 |
| 20 chrUn.619641 | 0 G | 0 | 3954 |
| 20 chrC2.162171A | G | 0.2006 | 4008 |
| 20 chrB4.364428 | 0 G | 0 | 4010 |
| 20 chrUn26.2676G | A | 0.1277 | 3956 |
| 20 chrB2.388408T | A | 0.4365 | 3982 |
| 20 chrUn7.37271A | G | 0.242 | 4004 |
| 20 chrC2.171745G | A | 0.2896 | 3992 |
| 20 chrX.49863 G | A | 0.2822 | 3958 |
| 20 chrX.451922 A | G | 0.1236 | 3876 |
| 20 chrC1.110557A | G | 0.02303 | 3864 |
| 20 GNB.550 | 0 C | 0 | 4008 |
| 20 GNB.410 A | G | 0.006633 | 3920 |
| 20 GNB.347 | 0 G | 0 | 4004 |
| 20 GNB.179 | 0 A | 0 | 4008 |
| 20 chrX.881729 | 0 G | 0 | 3998 |
| 20 chrX.958033 A | C | 0.1536 | 3920 |
| 20 chrX.1153618G | A | 0.4307 | 3924 |
| 20 chrX.1563407A | C | 0.1054 | 3728 |
| 20 chrUn13.1453G | A | 0.4509 | 3972 |
| 20 chrUn.530241G | C | 0.1634 | 3880 |
| 20 chrUn25.1801A | G | 0.3542 | 3998 |
| 20 chrX.2994096C | A | 0.3869 | 3996 |
| 20 chrD3.214396A | G | 0.004491 | 4008 |
| 20 chrE2.452682A | C | 0.4283 | 3990 |
| 20 chrUn26.8231A | G | 0.4344 | 3964 |
| 20 chrB2.206381G | A | 0.4432 | 3782 |
| 20 chrF1.127747A | G | 0.335 | 3976 |
| 20 chrE2.501053C | A | 0.1881 | 3992 |
| 20 chrX.1463126C | A | 0.3359 | 3998 |
| 20 chrUn.627381G | A | 0.4945 | 3998 |
| 20 chrE2.127659G | A | 0.2741 | 3838 |
| 20 chrUn26.9381G | A | 0.4383 | 3940 |
| 20 chrD3.407879A | G | 0.2804 | 3880 |
| 20 chrA2.481335A | G | 0.2943 | 3802 |
| 20 chrE2.691585G | A | 0.05997 | 4002 |
| 20 chrD1.625821A | G | 0.0002498 | 4004 |

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| 20 CMAH_18ind I | D | 0.201 | 3762 |
| 20 chrC1.689810A | G | 0.1994 | 3886 |
| 20 chrUn.71254A | G | 0.2097 | 3768 |
| 20 chrUn.374310G | A | 0.08254 | 3998 |
| 20 chrC2.567934G | A | 0.2051 | 3998 |
| 20 chrF1.458085C | A | 0.4426 | 4004 |
| 20 chrF1.461120A | G | 0.4538 | 4004 |
| 20 chrF1.464431C | A | 0.4233 | 4000 |
| 20 FES.280 G | C | 0.0007704 | 3894 |
| 20 FES.156 G | A | 0.001788 | 3914 |
| 20 FES.150 | 0 G | 0 | 4002 |
| 20 chrE2.610330A | G | 0.165 | 3928 |
| 20 chrC2.742653A | G | 0.004489 | 4010 |
| 20 chrD3.793740A | C | 0.1864 | 3804 |
| 20 chrUn.215151C | G | 0.1054 | 4002 |
| 20 chrF1.700488A | G | 0.164 | 3964 |
| 20 GATA.219 | 0 A | 0 | 4008 |
| 20 chrF1.763104A | C | 0.3071 | 3852 |
| 20 chrE2.116774A | G | 0.1913 | 3612 |
| 20 chrD4.498020A | G | 0.2139 | 4006 |
| 20 chrE1.500723G | A | 0.3416 | 3890 |
| 20 chrF1.867273A | G | 0.3922 | 3960 |
| 20 chrE2.128500G | A | 0.06672 | 3972 |
| 20 chrE2.129355C | A | 0.2913 | 3968 |
| 20 chrE3.106519G | A | 0.1923 | 3988 |
| 20 chrE2.871349A | G | 0.03003 | 3730 |
| 20 chrUn34.8811A | G | 0.4876 | 3938 |
| 20 chrD2.353941G | A | 0.05587 | 3830 |
| 20 chrD3.123211A | G | 0.1665 | 3916 |
| 20 chrD4.271900G | A | 0.4908 | 4008 |
| 20 chrF1.110999A | G | 0.2661 | 4006 |
| 20 chrUn.127511A | C | 0.1179 | 3996 |
| 20 chrA1.128885A | T | 0.03627 | 3998 |
| 20 chrB4.134680A | G | 0.203 | 3916 |
| 20 chrB4.137440G | A | 0.1499 | 4002 |
| 20 chrD2.617871A | G | 0.3277 | 4000 |
| 20 chrUn38.1201A | G | 0.3777 | 3934 |
| 20 chrD1.149339C | A | 0.1256 | 3998 |
| 20 chrUn8.12283G | A | 0.1004 | 3994 |
| 20 chrD1.152474A | G | 0.192 | 3990 |
| 20 chrB2.145476G | A | 0.07125 | 4000 |

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| 20 TAS1R2_G827A | G | 0.3363 | 3964 |
| 20 chrD1.163455G | A | 0.496 | 3962 |
| 20 chrB2.156355A | G | 0.1291 | 3982 |
| 20 chrUn.306576G | C | 0.3252 | 3918 |
| 20 chrD2.137276C | A | 0.003047 | 3938 |
| 20 chrA1.177916G | A | 0.2935 | 4000 |
| 20 chrUn.761247G | C | 0.1194 | 3946 |
| 20 chrB1.181417A | G | 0.2622 | 4004 |
| 20 chrX.1931084C | G | 0.0004988 | 4010 |
| 20 chrUn.834477A | T | 0.4483 | 3928 |
| 20 GUSB_G1052 | 0 G | 0 | 4006 |
| 20 chrF2.188393A | C | 0.2417 | 3786 |
| 20 chrD1.193967G | A | 0.007232 | 4010 |
| 20 chrA2.206979A | G | 0.1474 | 3996 |
| 20 chrA1.202017A | G | 0.242 | 4004 |
| 20 Phen_HMBS_ | 0 I | 0 | 4006 |
| 20 chrC2.165168A | G | 0.07696 | 4002 |
| 20 chrUn.109217G | A | 0.0979 | 4004 |
| 20 chrB1.206634G | A | 0.4533 | 4000 |
| 20 chrUn25.8057A | G | 0.04282 | 3970 |
| 20 chrUn25.7987C | A | 0.005736 | 4010 |
| 20 chrUn.737667G | A | 0.2462 | 3924 |
| 20 chrX.2313768G | A | 0.3609 | 3996 |
| 20 chrB1.227051A | G | 0.1043 | 3980 |
| 20 chrA2.249465C | A | 0.1699 | 4002 |
| 20 chrE1.462475G | A | 0.3402 | 3910 |
| 20 chrE2.274486C | G | 0.02972 | 3870 |
| 20 chrUn22.5096A | G | 0.03725 | 4000 |
| 20 chrB1.242157A | G | 0.2034 | 3988 |
| 20 chrB1.243589A | C | 0.2756 | 3984 |
| 20 chrC1.274867C | A | 0.2117 | 3972 |
| 20 chrD2.143917A | G | 0.1177 | 4002 |
| 20 chrB1.249641A | G | 0.495 | 3996 |
| 20 chrD1.257457A | G | 0.4751 | 4010 |
| 20 chrB1.256776A | G | 0.06778 | 3998 |
| 20 chrD4.171656A | G | 0.3705 | 3900 |
| 20 chrUn.685616A | G | 0.2468 | 3910 |
| 20 chrC2.273626C | A | 0.003014 | 3982 |
| 20 chrUn.581387A | G | 0.06425 | 4000 |
| 20 chrD2.162177A | G | 0.4788 | 4000 |
| 20 chrD2.171186C | A | 0.1581 | 4004 |

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| 20 chrD3.278785A | C | 0.07667 | 4004 |
| 20 chrD3.256014A | G | 0.0799 | 3980 |
| 20 chrF1.284043A | C | 0.3271 | 4002 |
| 20 chrUn.425414C | G | 0.1686 | 3884 |
| 20 chrA1.271211G | A | 0.2555 | 4008 |
| 20 chrC2.311303A | C | 0.4195 | 3998 |
| 20 chrF1.298166A | G | 0.06633 | 4010 |
| 20 chrB1.309652G | A | 0.07103 | 3970 |
| 20 chrA1.282229A | G | 0.1973 | 3852 |
| 20 chrF1.309658G | A | 0.4299 | 3996 |
| 20 chrB1.322398 | 0 A | 0 | 4010 |
| 20 chrUn38.1286A | C | 0.209 | 3996 |
| 20 chrF2.324391A | G | 0.4482 | 3996 |
| 20 chrF1.271356G | A | 0.2042 | 3976 |
| 20 chrC2.356168A | G | 0.09673 | 3794 |
| 20 chrUn.563555G | A | 0.1229 | 4004 |
| 20 chrE3.648890A | G | 0.4914 | 3964 |
| 20 chrD2.262549A | G | 0.03067 | 4010 |
| 20 chrUn.348016G | A | 0.003992 | 4008 |
| 20 chrA3.121552A | G | 0.267 | 3962 |
| 20 chrE1.567737A | G | 0.1163 | 4000 |
| 20 chrUn24.2371A | G | 0.292 | 3904 |
| 20 chrUn1.86829C | A | 0.05486 | 3828 |
| 20 chrC2.304967A | G | 0.3841 | 3838 |
| 20 chrE3.636315A | C | 0.1489 | 4004 |
| 20 chrX.8811773G | A | 0.02952 | 3862 |
| 20 chrE3.629783A | G | 0.1063 | 3820 |
| 20 chrF2.376561G | A | 0.2939 | 3760 |
| 20 chrA1.355273A | G | 0.06518 | 4004 |
| 20 chrB4.421781A | G | 0.02985 | 3986 |
| 20 chrA2.399395C | A | 0.4294 | 3992 |
| 20 chrA2.403267A | G | 0.06797 | 4002 |
| 20 chrA2.409769A | C | 0.2053 | 3922 |
| 20 chrB2.366170A | T | 0.2437 | 3964 |
| 20 chrB2.366972C | G | 0.02701 | 3962 |
| 20 chrB2.367029C | G | 0.3918 | 3984 |
| 20 chrB2.367426C | G | 0.3295 | 4000 |
| 20 chrUn.292086A | G | 0.09524 | 3990 |
| 20 chrB2.367887C | G | 0.3385 | 3988 |
| 20 chrB2.368149A | T | 0.2253 | 3968 |
| 20 chrB2.368276C | G | 0.005261 | 3992 |

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| 20 chrB2.368430C | G | 0.001995 | 4010 |
| 20 chrB2.368573A | T | 0.0611 | 4010 |
| 20 chrB2.368610C | G | 0.005255 | 3996 |
| 20 chrB2.368797C | G | 0.0327 | 4006 |
| 20 chrB2.368846C | G | 0.0625 | 4000 |
| 20 chrB2.369071C | G | 0.09191 | 4004 |
| 20 chrB2.369085C | G | 0.05455 | 3996 |
| 20 chrB2.369949A | T | 0.1566 | 3946 |
| 20 chrB2.369999C | G | 0.09065 | 3916 |
| 20 chrB2.370378C | G | 0.01799 | 3892 |
| 20 chrB2.370395G | C | 0.4434 | 3992 |
| 20 chrB2.370477A | T | 0.4955 | 3960 |
| 20 chrB2.371167A | T | 0.4517 | 3996 |
| 20 chrB2.371228C | G | 0.0722 | 3726 |
| 20 chrB2.371337C | G | 0.1568 | 3998 |
| 20 chrB2.372354G | C | 0.1223 | 3998 |
| 20 chrB2.372466A | T | 0.3343 | 3964 |
| 20 chrB2.372480G | C | 0.1747 | 3996 |
| 20 chrB2.373195G | C | 0.1652 | 3982 |
| 20 chrB2.373465C | G | 0.001746 | 4010 |
| 20 chrB2.373672C | G | 0.002002 | 3996 |
| 20 chrB2.373852G | C | 0.1232 | 3970 |
| 20 chrB2.374152A | T | 0.05686 | 4010 |
| 20 chrB2.374173C | G | 0.007481 | 4010 |
| 20 chrB2.374174C | G | 0.05691 | 4006 |
| 20 chrB2.374290A | T | 0.01921 | 4008 |
| 20 chrE1.597469A | G | 0.2529 | 4006 |
| 20 chrB2.376125C | G | 0.2106 | 4002 |
| 20 chrUn2.48804A | G | 0.2982 | 3904 |
| 20 chrF2.395189A | G | 0.4568 | 4002 |
| 20 chrB1.420153A | C | 0.3338 | 3972 |
| 20 chrE3.606018A | C | 0.4325 | 3672 |
| 20 chrB2.377042A | T | 0.004995 | 4004 |
| 20 chrB2.372673C | G | 0.0503 | 3996 |
| 20 chrB2.375265 | 0 T | 0 | 4010 |
| 20 chrB2.376697A | T | 0.429 | 3998 |
| 20 chrB2.377653G | C | 0.4784 | 3976 |
| 20 chrB2.377935C | G | 0.06988 | 3978 |
| 20 chrB2.377933A | T | 0.1294 | 3840 |
| 20 chrX.4149943 | 0 G | 0 | 4004 |
| 20 chrB2.378838C | G | 0.08146 | 4002 |

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| 20 chrB2.379166C | G | 0.06097 | 4002 |
| 20 chrB2.379293T | A | 0.4634 | 3960 |
| 20 chrB2.380376G | C | 0.4108 | 4002 |
| 20 chrB2.380437A | T | 0.1077 | 4000 |
| 20 chrB2.380639A | T | 0.04541 | 4008 |
| 20 chrB2.380666C | G | 0.1539 | 3982 |
| 20 chrB2.381233G | C | 0.4686 | 3946 |
| 20 chrB2.381575G | C | 0.2565 | 3946 |
| 20 chrB2.382073G | C | 0.2236 | 3994 |
| 20 chrB2.382082A | T | 0.07343 | 4004 |
| 20 chrB2.382092C | G | 0.03301 | 3938 |
| 20 chrB2.382104A | T | 0.03255 | 3994 |
| 20 chrB2.382184C | G | 0.09638 | 3808 |
| 20 chrB2.382349C | G | 0.1251 | 3926 |
| 20 chrD2.307826G | A | 0.4368 | 3974 |
| 20 chrB2.382597C | G | 0.4793 | 3874 |
| 20 chrB2.382906A | T | 0.105 | 3952 |
| 20 chrB2.382974C | G | 0.1691 | 4004 |
| 20 chrB2.383117C | G | 0.1916 | 3998 |
| 20 chrB2.383255A | T | 0.3291 | 4002 |
| 20 chrB2.383431A | T | 0.002002 | 3996 |
| 20 chrB2.383762C | G | 0.07533 | 3996 |
| 20 chrB2.383818C | G | 0.146 | 3972 |
| 20 chrB2.384175A | T | 0.069 | 4000 |
| 20 chrB2.384617A | T | 0.01972 | 4006 |
| 20 chrB2.384883A | T | 0.1819 | 3992 |
| 20 chrB2.389042C | G | 0.08228 | 3962 |
| 20 chrE2.399891A | C | 0.3274 | 3922 |
| 20 chrB2.389798G | C | 0.2613 | 3934 |
| 20 chrF2.411177G | A | 0.1035 | 3914 |
| 20 chrE1.615513 | 0 G | 0 | 3988 |
| 20 chrB2.391185G | C | 0.1801 | 3998 |
| 20 chrB2.391347C | G | 0.148 | 4000 |
| 20 chrB2.391378A | T | 0.2025 | 3758 |
| 20 chrB2.391599C | G | 0.3905 | 3980 |
| 20 chrB2.391601C | G | 0.002249 | 4002 |
| 20 chrB2.391602C | G | 0.1639 | 3984 |
| 20 chrB2.391775C | G | 0.1073 | 4008 |
| 20 chrB2.392851C | G | 0.05003 | 3998 |
| 20 chrB2.392929A | T | 0.0404 | 3936 |
| 20 chrB2.393102C | G | 0.1866 | 3826 |

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| 20 chrB2.393246C | G | 0.1889 | 3610 |
| 20 chrB2.393259A | T | 0.06238 | 4008 |
| 20 chrB2.393354A | T | 0.3596 | 3990 |
| 20 chrB2.393636T | A | 0.3032 | 3998 |
| 20 chrB2.393672A | T | 0.4086 | 3972 |
| 20 chrB2.394102T | A | 0.4598 | 4004 |
| 20 chrB2.394126C | G | 0.4557 | 3992 |
| 20 chrB2.394171C | G | 0.0699 | 4006 |
| 20 chrB2.394196C | G | 0.07236 | 4008 |
| 20 chrB2.394439C | G | 0.02809 | 3880 |
| 20 chrB2.394488C | G | 0.1389 | 3974 |
| 20 chrA2.439671G | A | 0.2831 | 3988 |
| 20 chrB2.394385C | G | 0.2071 | 3998 |
| 20 chrB2.395129A | T | 0.3553 | 3988 |
| 20 chrB2.395439G | C | 0.4215 | 3964 |
| 20 chrB2.396359T | A | 0.4297 | 3954 |
| 20 chrB2.395201T | A | 0.123 | 3918 |
| 20 chrB2.396685 | 0 G | 0 | 4008 |
| 20 chrB2.396740C | G | 0.4303 | 3972 |
| 20 chrB2.396891C | G | 0.1508 | 3966 |
| 20 chrB2.397095G | C | 0.3705 | 3838 |
| 20 chrB2.397104A | T | 0.1958 | 3974 |
| 20 chrB2.397503C | G | 0.3437 | 3948 |
| 20 chrB2.397547C | G | 0.07064 | 3978 |
| 20 chrB2.397724C | G | 0.2688 | 3958 |
| 20 chrB2.397744A | T | 0.2105 | 3962 |
| 20 chrB2.397778T | A | 0.4786 | 3788 |
| 20 chrB2.397987C | G | 0.1096 | 3996 |
| 20 chrB2.398005C | G | 0.3318 | 3942 |
| 20 chrB2.398050A | T | 0.04659 | 3992 |
| 20 chrB2.398062A | T | 0.328 | 3976 |
| 20 chrB2.398067A | T | 0.07335 | 4008 |
| 20 chrB2.398138A | T | 0.001997 | 4006 |
| 20 chrB2.398193C | G | 0.07414 | 4006 |
| 20 chrB2.398392C | G | 0.06044 | 3640 |
| 20 chrB2.399224A | T | 0.2829 | 3966 |
| 20 chrB2.399539C | G | 0.3628 | 4002 |
| 20 chrB2.399618C | G | 0.03902 | 3998 |
| 20 chrB2.399629C | G | 0.0004995 | 4004 |
| 20 chrB2.399693C | G | 0.178 | 4006 |
| 20 chrB2.399694C | G | 0.03678 | 3942 |

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| 20 chrB2.399719G | C | 0.3427 | 4000 |
| 20 chrB2.399738C | G | 0.0002503 | 3996 |
| 20 chrB2.399923A | T | 0.02269 | 4010 |
| 20 chrB2.399971A | T | 0.4366 | 3946 |
| 20 chrB2.400199A | T | 0.4413 | 4006 |
| 20 chrB2.400468 | 0 G | 0 | 4010 |
| 20 chrB2.400627A | T | 0.02994 | 4008 |
| 20 chrB2.401267G | C | 0.3954 | 4006 |
| 20 chrB2.401741C | G | 0.1648 | 3920 |
| 20 chrB2.402038C | G | 0.08592 | 3992 |
| 20 chrF2.421073G | A | 0.2988 | 3926 |
| 20 chrB2.402181G | C | 0.3712 | 3990 |
| 20 chrB2.402234A | T | 0.06861 | 4008 |
| 20 chrB2.402267C | G | 0.08857 | 3918 |
| 20 chrB2.402442A | T | 0.415 | 3884 |
| 20 chrB2.402542C | G | 0.04638 | 4010 |
| 20 chrB2.402599 | 0 T | 0 | 4008 |
| 20 chrB2.402906C | G | 0.002499 | 4002 |
| 20 chrB2.402967A | T | 0.3494 | 3992 |
| 20 chrA1.403478A | C | 0.08798 | 3978 |
| 20 chrF1.436762A | G | 0.1012 | 3922 |
| 20 CALB.578 G | A | 0.002743 | 4010 |
| 20 chrD1.619681A | G | 0.1825 | 3994 |
| 20 chrX.4807239A | G | 0.03282 | 3992 |
| 20 chrX.4812497A | G | 0.2719 | 3990 |
| 20 chrB3.460382C | A | 0.1841 | 3998 |
| 20 chrB3.463823G | A | 0.3577 | 3660 |
| 20 chrUn.385691C | A | 0.3468 | 3988 |
| 20 chrF1.645905A | G | 0.1143 | 4008 |
| 20 chrA2.512822A | G | 0.4066 | 3992 |
| 20 chrD1.651916A | G | 0.3201 | 3990 |
| 20 chrD2.593209A | G | 0.04479 | 3974 |
| 20 chrB4.508628A | G | 0.08507 | 3656 |
| 20 chrB4.521824A | G | 0.05235 | 3992 |
| 20 chrUn.423541 | 0 A | 0 | 4008 |
| 20 chrX.5400665A | G | 0.2241 | 3990 |
| 20 chrC2.498991C | A | 0.0683 | 3968 |
| 20 chrF2.435785A | G | 0.4439 | 3832 |
| 20 chrB4.522058G | A | 0.3749 | 4006 |
| 20 chrX.5629958 | 0 A | 0 | 3998 |
| 20 chrX.5625452C | A | 0.02227 | 3906 |

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| 20 chrX.5678403C | G | 0.1439 | 3710 |
| 20 chrD2.530928A | G | 0.2964 | 3968 |
| 20 TYR_DEL975C | 0 I | 0 | 4010 |
| 20 chrX.5842497A | C | 0.04359 | 3992 |
| 20 chrD3.660261A | C | 0.4146 | 3910 |
| 20 chrX.5873244C | G | 0.05033 | 3914 |
| 20 ALAS.356 A | T | 0.004282 | 3970 |
| 20 ALAS.251 C | G | 0.0004993 | 4006 |
| 20 ALAS.243 | 0 A | 0 | 4004 |
| 20 ALAS.215 | 0 A | 0 | 4010 |
| 20 ALAS.170 | 0 G | 0 | 3964 |
| 20 chrC1.564079G | A | 0.4654 | 3986 |
| 20 Phen_NPC1_() | 0 G | 0 | 4010 |
| 20 chrUn12.2731A | G | 0.4424 | 3958 |
| 20 chrUn.28301(A | G | 0.4331 | 4004 |
| 20 chrC2.564562A | C | 0.4681 | 3882 |
| 20 chrB3.595109G | C | 0.3074 | 3806 |
| 20 chrX.6493582A | T | 0.0457 | 4004 |
| 20 CLU.1241 G | C | 0.005928 | 3880 |
| 20 CLU.844 A | G | 0.01081 | 3978 |
| 20 CLU.807 C | A | 0.2793 | 3942 |
| 20 CLU.803 G | A | 0.0005013 | 3990 |
| 20 CLU.717 | 0 G | 0 | 4006 |
| 20 CLU.569 G | A | 0.009067 | 3860 |
| 20 chrUn9.10508G | A | 0.3133 | 3986 |
| 20 chrUn33.3128A | G | 0.2426 | 3998 |
| 20 chrUn33.3221A | C | 0.2597 | 3974 |
| 20 chrUn33.3333G | A | 0.1012 | 3994 |
| 20 chrUn30.4933G | A | 0.3304 | 3974 |
| 20 chrUn12.5073G | A | 0.2954 | 3998 |
| 20 chrD4.468103C | G | 0.1083 | 4006 |
| 20 chrD3.747174G | A | 0.483 | 3930 |
| 20 chrC2.643672C | A | 0.3113 | 4002 |
| 20 chrUn10.1589A | C | 0.03491 | 4010 |
| 20 chrUn30.2864A | G | 0.2744 | 3736 |
| 20 TTR.356 A | G | 0.004259 | 3992 |
| 20 chrD2.704678A | G | 0.2181 | 3994 |
| 20 chrD2.704666G | A | 0.2895 | 3996 |
| 20 chrD4.488206A | G | 0.396 | 3962 |
| 20 chrF1.753847G | A | 0.1929 | 3996 |
| 20 chrB4.667301A | G | 0.4445 | 4000 |

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| 20 chrE2.686724G | A | 0.3764 | 4004 |
| 20 chrD4.512336A | G | 0.08483 | 4008 |
| 20 chrA1.674675C | A | 0.353 | 4000 |
| 20 chrD3.790385C | A | 0.05261 | 3992 |
| 20 chrD3.790915A | C | 0.1509 | 3970 |
| 20 chrE1.127314C | A | 0.1993 | 3854 |
| 20 chrF1.821450A | C | 0.388 | 4010 |
| 20 chrX.7103563A | T | 0.2137 | 3916 |
| 20 chrB1.778875G | A | 0.009096 | 3958 |
| 20 chrA2.746828C | A | 0.09902 | 3888 |
| 20 chrB1.790855G | A | 0.1898 | 4004 |
| 20 chrC1.699274A | G | 0.1536 | 3998 |
| 20 chrX.5925725G | A | 0.02621 | 4006 |
| 20 chrD1.884992G | A | 0.454 | 4004 |
| 20 chrB2.158827C | A | 0.2255 | 3992 |
| 20 chrD4.558490A | G | 0.07637 | 3784 |
| 20 chrB4.717933G | A | 0.0987 | 3992 |
| 20 chrA3.782868A | G | 0.1028 | 4008 |
| 20 chrD4.562274G | A | 0.1112 | 3992 |
| 20 chrF1.920134A | G | 0.4929 | 3942 |
| 20 chrA1.724211A | G | 0.3168 | 3996 |
| 20 chrF2.719087G | A | 0.02469 | 4010 |
| 20 chrUn.143493A | G | 0.2747 | 3910 |
| 20 chrUn15.1210A | G | 0.1709 | 3692 |
| 20 chrUn.784111G | A | 0.2861 | 3984 |
| 20 chrUn15.1171A | G | 0.1884 | 4002 |
| 20 chrUn15.1168A | G | 0.2599 | 4006 |
| 20 chrUn38.9851A | G | 0.2295 | 4000 |
| 20 chrD2.847001A | G | 0.06247 | 3906 |
| 20 chrUn.343248A | G | 0.4122 | 3988 |
| 20 chrB4.751154A | G | 0.05146 | 3984 |
| 20 chrX.7822922C | G | 0.07563 | 3980 |
| 20 PLP.384 | 0 C | 0 | 4010 |
| 20 chrA1.763752A | G | 0.2188 | 3884 |
| 20 chrD1.952054G | A | 0.4393 | 3990 |
| 20 chrUn15.9834G | A | 0.1609 | 3978 |
| 20 chrB4.765357G | A | 0.3614 | 3998 |
| 20 chrB4.127498A | G | 0.1997 | 3996 |
| 20 chrUn7.12800A | C | 0.2943 | 3986 |
| 20 chrA1.610537A | G | 0.1661 | 3986 |
| 20 chrUn12.1094A | G | 0.1986 | 4008 |

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| 20 chrUn.47947(A | G | 0.4216 | 3978 |
| 20 chrD3.91185(G | A | 0.08342 | 4004 |
| 20 chrF1.877501A | G | 0.214 | 3996 |
| 20 chrB1.867631A | G | 0.219 | 4004 |
| 20 chrF2.810672G | A | 0.1822 | 4006 |
| 20 chrUn.33954(C | G | 0.189 | 3964 |
| 20 chrUn.68970(G | A | 0.3879 | 3998 |
| 20 chrB4.81835(A | G | 0.3382 | 4004 |
| 20 chrF2.839124G | A | 0.1201 | 4006 |
| 20 chrB2.38591(A | T | 0.003511 | 3988 |
| 20 chrF2.844284A | G | 0.4645 | 3970 |
| 20 chrX.858660(C | G | 0.08017 | 4004 |
| 20 chrUn.79981(C | G | 0.3951 | 3976 |
| 20 chrUn.78979(A | G | 0.3709 | 3850 |
| 20 chrB1.91150(G | A | 0.4243 | 4004 |
| 20 chrA2.12210(A | G | 0.03896 | 4004 |
| 20 chrA3.93447(A | G | 0.3959 | 3998 |
| 20 chrB2.393531T | A | 0.1477 | 3994 |
| 20 chrB1.92844(C | A | 0.02238 | 3976 |
| 20 chrX.877980(A | G | 0.07656 | 4010 |
| 20 chrX.8801241A | T | 0.08066 | 3992 |
| 20 chrX.743355(G | A | 0.0764 | 3992 |
| 20 chrE1.747067A | G | 0.3759 | 3982 |
| 20 chrX.891009(C | G | 0.03636 | 3988 |
| 20 chrA1.89959(A | G | 0.3626 | 3952 |
| 20 chrC1.90065(C | A | 0.05247 | 4002 |
| 20 chrB3.81444(G | A | 0.2761 | 3984 |
| 20 CMA.360 | 0 G | 0 | 4006 |
| 20 CMA.220 | 0 G | 0 | 4010 |
| 20 chrX.9013971C | G | 0.2357 | 3984 |
| 20 chrD1.11168(A | G | 0.2195 | 3854 |
| 20 chrD2.10200(T | A | 0.4715 | 3996 |
| 20 chrD2.10221(A | G | 0.1317 | 3940 |
| 20 chrF2.92195(C | G | 0.03153 | 3996 |
| 20 chrB4.95163(G | A | 0.3133 | 4000 |
| 20 chrX.800877(G | A | 0.0793 | 3922 |
| 20 chrX.801297(A | G | 0.08148 | 3964 |
| 20 chrX.801310(G | A | 0.0002499 | 4002 |
| 20 chrUn8.7011(G | A | 0.1438 | 3978 |
| 20 chrA3.10297(A | T | 0.2487 | 3996 |
| 20 chrB1.10280(G | A | 0.3845 | 3932 |

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| 20 chrA3.104536 | A | 0.2054 | 3998 |
| 20 chrX.9862367 | A | 0.01663 | 3788 |
| 20 DGKG2.587 | 0 A | 0 | 4008 |
| 20 DGKG2.534 C | G | 0.4118 | 4004 |
| 20 DGKG2.245 | 0 A | 0 | 3986 |
| 20 chrUn.67380 | G | 0.3779 | 3816 |
| 20 chrX.1003865 | G | 0.07671 | 4002 |
| 20 chrUn18.224 | A | 0.3127 | 3994 |
| 20 chrD2.11162 | A | 0.1884 | 3992 |
| 20 chrX.1013755 | G | 0.2397 | 4010 |
| 20 SILV.229 | 0 A | 0 | 4010 |
| 20 chrD2.11206 | G | 0.3403 | 3988 |
| 20 chrC2.95298 | T | 0.2723 | 3992 |
| 20 chrD3.11724 | G | 0.03908 | 3992 |
| 20 chrD3.11796 | G | 0.3748 | 3978 |
| 20 chrX.1031925 | G | 0.4507 | 3832 |
| 20 chrUn18.836 | G | 0.2555 | 4000 |
| 20 chrC2.97240 | G | 0.4621 | 3962 |
| 20 chrB2.10728 | G | 0.05964 | 3974 |
| 20 chrUn18.697 | G | 0.03599 | 3946 |
| 20 chrA2.244327 | G | 0.1474 | 4004 |
| 20 chrC2.103821 | G | 0.4765 | 3828 |
| 20 chrB3.973524 | A | 0.1179 | 4004 |
| 20 chrB1.111645 | C | 0.001003 | 3988 |
| 20 chrB4.108288 | G | 0.1246 | 3990 |
| 20 chrA3.996255 | G | 0.05345 | 4004 |
| 20 chrB4.108945 | A | 0.2947 | 3926 |
| 20 chrD3.12550 | G | 0.182 | 4010 |
| 20 chrB4.110417 | C | 0.4484 | 3974 |
| 20 chrB4.11045 | A | 0.3978 | 4010 |
| 20 chrB4.110491 | A | 0.3472 | 4004 |
| 20 chrB4.110522 | A | 0.3861 | 3662 |
| 20 chrUn.30370 | A | 0.002747 | 4004 |
| 20 chrUn.43440 | G | 0.3832 | 4006 |
| 20 chrD3.126885 | G | 0.4885 | 3992 |
| 20 chrX.1129357 | A | 0.4157 | 3974 |
| 20 chrX.1129678 | G | 0.4715 | 4000 |
| 20 chrA3.119105 | A | 0.1495 | 3712 |
| 20 chrUn9.1205 | G | 0.4048 | 3938 |
| 20 chrA2.154142 | G | 0.06213 | 4008 |
| 20 chrUn18.489 | C | 0.2081 | 3984 |

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| 20 chrC1.112688G | A | 0.4489 | 3996 |
| 20 chrA2.155795C | A | 0.2238 | 3982 |
| 20 chrUn.211815A | T | 0.06618 | 3838 |
| 20 chrC2.114185A | G | 0.4871 | 3878 |
| 20 chrB3.108356G | A | 0.1517 | 4008 |
| 20 chrA1.286566A | G | 0.1699 | 3972 |
| 20 Phen_MaiCo_C | G | 0.006012 | 3992 |
| 20 chrC1.118125G | A | 0.2541 | 4002 |
| 20 chrA3.129938G | A | 0.4306 | 4004 |
| 20 chrX.1250108T | A | 0.3458 | 3918 |
| 20 chrB3.112670G | A | 0.08757 | 4008 |
| 20 chrX.1255939T | A | 0.3447 | 3934 |
| 20 chrUn.722788A | T | 0.02395 | 4008 |
| 20 chrA2.164862A | G | 0.2589 | 3998 |
| 20 chrB3.115706G | A | 0.0974 | 3994 |
| 20 chrB3.115706A | G | 0.03923 | 4002 |
| 20 chrA2.165594A | G | 0.1242 | 3914 |
| 20 chrUn.262369A | G | 0.0954 | 4004 |
| 20 chrUn12.1715C | A | 0.1272 | 4002 |
| 20 chrA2.165734A | G | 0.2551 | 4010 |
| 20 chrB3.116254G | A | 0.1442 | 3864 |
| 20 chrX.7247661G | A | 0.2364 | 4006 |
| 20 chrD1.145376A | G | 0.1573 | 3992 |
| 20 chrUn.737804G | A | 0.05724 | 3896 |
| 20 chrUn1.75726A | G | 0.1196 | 4006 |
| 20 chrC2.126037G | A | 0.157 | 3994 |
| 20 chrD1.147879A | G | 0.3867 | 3990 |
| 20 chrB4.125498A | G | 0.3612 | 4006 |
| 20 chrUn.370498A | G | 0.1069 | 3956 |
| 20 chrB3.122037C | A | 0.2504 | 3978 |
| 20 chrX.1364931G | A | 0.3264 | 3974 |
| 20 chrB3.123009G | A | 0.4648 | 4010 |
| 20 chrD3.113914A | G | 0.07211 | 4008 |
| 20 chrC2.624875G | A | 0.3658 | 4008 |
| 20 chrB3.126440C | G | 0.4305 | 3998 |
| 20 chrB3.128362G | A | 0.0634 | 4006 |
| 20 chrUn.332609G | A | 0.3744 | 3998 |
| 20 chrC2.602746A | C | 0.1654 | 3972 |
| 20 chrC2.597653A | G | 0.07331 | 3874 |
| 20 chrB3.129517A | G | 0.1001 | 3998 |
| 20 chrB3.130610A | G | 0.008077 | 3962 |

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| 20 chrA1.151341G | A | 0.2563 | 3984 |
| 20 chrE1.512325A | G | 0.1592 | 3996 |
| 20 chrUn.506398G | A | 0.1383 | 3992 |
| 20 chrUn.730711C | A | 0.2034 | 3830 |
| 20 chrB3.119756A | G | 0.2856 | 3992 |
| 20 chrB1.147199G | A | 0.02269 | 4010 |
| 20 chrA2.183476A | C | 0.2109 | 3940 |
| 20 chrC1.136021A | G | 0.2026 | 3978 |
| 20 chrC1.136550T | A | 0.1762 | 3944 |
| 20 RASA.206 | 0 A | 0 | 4006 |
| 20 chrC1.137937A | G | 0.497 | 4004 |
| 20 chrC1.138345A | G | 0.2799 | 4002 |
| 20 chrC1.139686A | C | 0.3781 | 3994 |
| 20 chrC1.140192C | A | 0.1381 | 4004 |
| 20 chrC1.140943A | G | 0.1729 | 4008 |
| 20 chrX.1564915G | A | 0.4736 | 3942 |
| 20 chrA2.190078G | A | 0.07293 | 4004 |
| 20 chrA1.160478A | G | 0.1234 | 4002 |
| 20 chrB3.141244A | G | 0.06363 | 3992 |
| 20 chrB4.126183A | C | 0.1373 | 3890 |
| 20 chrB2.144710G | A | 0.3255 | 4000 |
| 20 chrA1.159198A | C | 0.1452 | 4000 |
| 20 chrB2.145643A | G | 0.4279 | 3992 |
| 20 chrB1.156893G | A | 0.1086 | 3922 |
| 20 chrB1.157085A | G | 0.4364 | 3996 |
| 20 chrB3.143910G | A | 0.1624 | 3996 |
| 20 chrUn.132354A | T | 0.1751 | 3976 |
| 20 chrUn.311071T | A | 0.1863 | 3982 |
| 20 chrC1.147258G | A | 0.1213 | 3966 |
| 20 chrUn.586461C | A | 0.2214 | 3762 |
| 20 chrB3.147540A | G | 0.333 | 3964 |
| 20 chrB3.147578G | A | 0.3831 | 3986 |
| 20 chrB3.147586G | A | 0.2486 | 3978 |
| 20 chrC1.149731A | G | 0.3057 | 3896 |
| 20 chrA3.144013A | G | 0.1988 | 3812 |
| 20 chrB3.148939G | A | 0.4677 | 4000 |
| 20 chrC1.151604A | C | 0.07592 | 4004 |
| 20 chrB3.150493G | A | 0.2082 | 3938 |
| 20 chrA2.200985G | A | 0.112 | 3972 |
| 20 chrA3.148225A | G | 0.1571 | 3870 |
| 20 chrB2.155623G | A | 0.3638 | 3972 |

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| 20 chrB4.153645G | A | 0.2492 | 3992 |
| 20 chrB2.157408C | A | 0.3175 | 3902 |
| 20 chrB1.168460G | A | 0.05134 | 3954 |
| 20 chrC2.173294A | G | 0.2339 | 3950 |
| 20 chrB2.159632A | C | 0.02892 | 3908 |
| 20 chrB2.161176A | T | 0.1767 | 3848 |
| 20 chrA3.155535G | A | 0.3546 | 3940 |
| 20 chrB2.164027A | G | 0.2706 | 4006 |
| 20 chrA1.184847G | A | 0.413 | 4002 |
| 20 chrUn.564231A | G | 0.2903 | 4000 |
| 20 chrA2.177951G | A | 0.3306 | 3820 |
| 20 TCP.397 | 0 G | 0 | 4004 |
| 20 TCP.214 G | A | 0.0002498 | 4004 |
| 20 TCP.199 | 0 A | 0 | 4008 |
| 20 TCP.189 | 0 A | 0 | 4006 |
| 20 TCP.179 | 0 G | 0 | 4006 |
| 20 TCP.163 | 0 A | 0 | 4006 |
| 20 TCP.151 | 0 A | 0 | 4010 |
| 20 chrA2.219954G | A | 0.1702 | 4006 |
| 20 chrUn.254211A | T | 0.06759 | 3684 |
| 20 chrUn36.2780G | A | 0.04854 | 3914 |
| 20 chrUn36.2834A | G | 0.1737 | 3990 |
| 20 chrX.1539705A | G | 0.1975 | 3950 |
| 20 chrX.1542293G | A | 0.0262 | 4008 |
| 20 chrX.1542759 | 0 G | 0 | 4006 |
| 20 chrX.1542759C | A | 0.2465 | 4004 |
| 20 chrC2.164418A | G | 0.04325 | 4000 |
| 20 chrUn.349801A | T | 0.02682 | 3766 |
| 20 chrUn16.6440G | A | 0.4727 | 3952 |
| 20 chrC1.178981A | C | 0.4925 | 3988 |
| 20 chrUn16.1439A | G | 0.499 | 3982 |
| 20 chrC1.183062G | A | 0.08009 | 4008 |
| 20 chrB1.190645A | G | 0.1303 | 3992 |
| 20 chrA2.212441G | A | 0.1022 | 3992 |
| 20 chrUn8.13331A | G | 0.05515 | 3844 |
| 20 chrUn.736471G | A | 0.2068 | 3974 |
| 20 chrA1.205612G | A | 0.453 | 4000 |
| 20 chrC1.185954A | G | 0.2627 | 4004 |
| 20 chrA1.204862C | A | 0.2948 | 3958 |
| 20 chrUn13.1191G | A | 0.0322 | 4006 |
| 20 chrUn.690154A | C | 0.2206 | 3944 |

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| 20 chrA1.212059G | A | 0.4942 | 3994 |
| 20 chrA1.213024A | G | 0.2531 | 3920 |
| 20 chrUn36.5171A | G | 0.03996 | 4004 |
| 20 chrC1.195687G | A | 0.1743 | 3982 |
| 20 chrC1.183272G | A | 0.4107 | 3998 |
| 20 chrC1.202770C | A | 0.3931 | 3956 |
| 20 chrUn.895871T | A | 0.491 | 4000 |
| 20 chrB1.206524G | A | 0.3264 | 4004 |
| 20 chrC1.206275G | A | 0.3447 | 3766 |
| 20 chrE2.158246A | G | 0.2064 | 3760 |
| 20 chrD4.168311G | A | 0.1908 | 3968 |
| 20 chrB1.203384G | A | 0.365 | 4006 |
| 20 chrA1.226591G | A | 0.3452 | 4000 |
| 20 chrA1.228021C | A | 0.2019 | 3918 |
| 20 chrA1.233848G | A | 0.08493 | 3968 |
| 20 chrB1.215859G | A | 0.2214 | 3988 |
| 20 chrB4.849535A | G | 0.151 | 4000 |
| 20 chrB1.197857A | G | 0.3448 | 4000 |
| 20 chrA1.242596A | G | 0.196 | 3974 |
| 20 chrA1.243940A | T | 0.1044 | 3802 |
| 20 chrA1.245596A | G | 0.04713 | 3692 |
| 20 chrA1.245648A | G | 0.2115 | 3924 |
| 20 chrUn.762410A | G | 0.3967 | 3978 |
| 20 chrA1.250511A | G | 0.1052 | 3964 |
| 20 GHR.449 | 0 A | 0 | 4010 |
| 20 GHR.498 A | G | 0.01375 | 3928 |
| 20 chrC1.237008A | G | 0.1029 | 3760 |
| 20 chrA1.260379A | G | 0.08674 | 3770 |
| 20 chrA1.262584G | A | 0.2144 | 3988 |
| 20 chrC1.244754G | A | 0.1069 | 3976 |
| 20 MLPH_CAT_SD | I | 0.4875 | 3992 |
| 20 chrA1.270818G | A | 0.353 | 4000 |
| 20 chrA1.272286G | A | 0.4287 | 3984 |
| 20 chrA1.286534A | G | 0.1247 | 3802 |
| 20 chrD4.167986G | A | 0.06066 | 4006 |