|  |  |  |
| --- | --- | --- |
| Marker | IQ-TREE | Jmodeltest |
| ADNP | JC | JC |
| AKAP9 | HKY | HKY |
| ANR | K80+I | K80+I |
| BACH1 | K3P+G4 | K80 |
| BDNF | K80+I | K80 |
| BHLHB2 | K80+I | K80 |
| BMP2 | K80+I | K80+I |
| CAND1 | K80+I | K80+I |
| CARD4 | K80+I | K80+I |
| CILP | JC+I | K80 |
| CXCR4 | K80+I | K80+I |
| DLL1 | K80+I | K80 |
| ECEL | TN+I | HKY+I |
| ENC6 | K80+I | K80 |
| FSHR | K80+I | K80+I |
| FSTL5 | HKY | HKY |
| GALR1 | HKY+I | HKY+I |
| GHSR | K80 | K80 |
| GPR37 | K80+I | K80 |
| HLCS | HKY+I | HKY+I |
| INHIBA | K80 | K80 |
| LRRN1 | HKY+I | HKY+I |
| LZTSS1 | HKY+I | HKY+I |
| MKL1 | K80+I | K80+I |
| MLL3 | HKY | HKY |
| MSH6 | K80 | K80 |
| NGFB | K80+I | K80+I |
| NKTR | HKY+G4 | HKY |
| NTF3 | K80 | K80 |
| PNN | HKY+G4 | HKY+G |
| PRLR | K80 | K80 |
| PTGER4 | TN+I | HKY+I |
| PTPN | K80+I | K80+I |
| R35 | HKY+I | HKY |
| RAG1 | K80+I | K80+I |
| SINAIP | JC+I | JC |
| SLC30A1 | K80+I | K80+I |
| SLC8A1 | K80+I | K80+I |
| SLC8A3 | K80+I | K80 |
| TRAF6 | K80+I | K80 |
| VCPIP1 | HKY | HKY |
| ZEB2 | K80+I | K80 |
| ZFP36L1 | HKY | HKY |
| chr12\_1169 | JC | JC |
| chr12\_1475 | K3Pu | HKY |
| chr12\_2213 | HKY+I | HKY |
| chr12\_2426 | F81 | F81 |
| chr12\_3124 | K80 | K80 |
| chr12\_3154 | F81 | F81 |
| chr12\_3865 | JC | JC |
| chr12\_5665 | K80 | K80 |
| chr12\_5671 | F81 | F81 |
| chr12\_5730 | F81 | F81 |
| chr12\_5739 | F81 | F81 |
| chr12\_5828 | F81 | F81 |
| chr12\_5837 | HKY | HKY |
| chr12\_5840 | F81 | HKY |
| chr12\_5851 | F81 | F81 |
| chr12\_5878 | HKY+I | HKY |
| chr12\_5895 | HKY+I | F81 |
| chr12\_5903 | HKY | HKY |
| chr12\_5908 | F81 | F81 |
| chr12\_5912 | TPM3u+I | F81+I+G |
| chr12\_5949 | K80+I | K80 |
| chr12\_5969 | F81+I | F81+G |
| chr13\_1225 | F81 | F81 |
| chr13\_4268 | F81 | F81 |
| chr13\_5059 | F81+I | F81 |
| chr13\_5324 | F81 | F81 |
| chr13\_710 | HKY+I | HKY |
| chr13\_720 | F81 | F81 |
| chr13\_726 | F81 | F81 |
| chr18\_1422 | F81+I | F81 |
| chr18\_4493 | F81 | F81 |
| chr1\_10949 | K80 | K80 |
| chr1\_13047 | JC+I | JC |
| chr1\_13198 | JC+I | JC |
| chr1\_13698 | JC | JC |
| chr1\_1378 | F81+R2 | F81 |
| chr1\_1418 | F81 | F81 |
| chr1\_14389 | F81 | F81 |
| chr1\_14672 | HKY+I | HKY+I |
| chr1\_15412 | F81 | F81 |
| chr1\_15480 | F81 | F81 |
| chr1\_15632 | HKY+I | K80 |
| chr1\_16199 | HKY | HKY |
| chr1\_18915 | K80+I | K80 |
| chr1\_19202 | F81 | F81 |
| chr1\_19246 | F81 | HKY |
| chr1\_19292 | F81 | F81 |
| chr1\_19426 | K80 | K80 |
| chr1\_19885 | K80+I | K80 |
| chr1\_21570 | F81 | F81 |
| chr1\_22432 | K80 | JC |
| chr1\_23573 | JC+I | JC+G |
| chr1\_24625 | F81 | F81 |
| chr1\_24640 | K80+I | K80 |
| chr1\_24644 | F81 | F81 |
| chr1\_24817 | F81 | F81 |
| chr1\_25630 | HKY | HKY |
| chr1\_25670 | F81 | F81 |
| chr1\_25675 | F81 | F81 |
| chr1\_25680 | F81 | F81 |
| chr1\_25692 | TN | HKY |
| chr1\_25699 | F81 | F81 |
| chr1\_25705 | HKY+I | HKY |
| chr1\_26035 | F81+I | F81 |
| chr1\_27509 | HKY+I | HKY+I |
| chr1\_27552 | TN | HKY |
| chr1\_2930 | K80 | K80 |
| chr1\_29790 | F81 | F81 |
| chr1\_29835 | F81 | F81 |
| chr1\_29841 | F81 | F81 |
| chr1\_29894 | HKY+I | HKY |
| chr1\_29912 | JC | JC |
| chr1\_30195 | F81+I | F81 |
| chr1\_30635 | F81 | F81 |
| chr1\_31673 | F81 | F81 |
| chr1\_31677 | F81+I | F81 |
| chr1\_31709 | HKY | HKY |
| chr1\_31743 | HKY | HKY |
| chr1\_31749 | F81 | F81 |
| chr1\_31783 | HKY+I | HKY |
| chr1\_32194 | K80 | K80 |
| chr1\_32208 | F81 | F81 |
| chr1\_32232 | HKY+I | F81 |
| chr1\_32234 | F81 | F81 |
| chr1\_32266 | HKY+I | HKY+I |
| chr1\_32286 | HKY+I | F81 |
| chr1\_32322 | F81 | F81 |
| chr1\_32333 | HKY+I | HKY |
| chr1\_32337 | F81+I | F81 |
| chr1\_32356 | F81+I | F81 |
| chr1\_32365 | F81 | F81 |
| chr1\_32370 | F81 | F81 |
| chr1\_32378 | TPM2u+I | F81 |
| chr1\_32429 | HKY+I | F81 |
| chr1\_32443 | F81 | HKY |
| chr1\_32461 | HKY+I | HKY+I |
| chr1\_33834 | K80+I | K80 |
| chr1\_34776 | HKY+I | HKY+I |
| chr1\_3857 | HKY | HKY |
| chr1\_4680 | HKY+I | HKY |
| chr1\_5277 | JC | JC |
| chr1\_5279 | F81 | F81 |
| chr1\_5288 | F81 | F81 |
| chr1\_5301 | F81+I | F81 |
| chr1\_5319 | JC | JC |
| chr1\_5334 | HKY | HKY |
| chr1\_5365 | F81+I | F81 |
| chr1\_5379 | F81 | F81 |
| chr1\_5409 | F81 | F81 |
| chr1\_5426 | F81 | F81 |
| chr1\_5466 | HKY | HKY |
| chr1\_5470 | F81 | F81 |
| chr1\_5474 | F81+I | F81 |
| chr1\_5479 | F81 | F81 |
| chr1\_5492 | F81 | F81 |
| chr1\_8658 | HKY+I | HKY |
| chr1\_8991 | HKY+I | HKY |
| chr20\_1391 | HKY | HKY |
| chr20\_253 | HKY | HKY |
| chr20\_3629 | K80+I | K80+I |
| chr26\_2189 | HKY+I | HKY |
| chr26\_2766 | F81 | F81 |
| chr26\_2850 | F81 | F81 |
| chr2\_11187 | TPM3+I | F81 |
| chr2\_11494 | HKY+I | HKY |
| chr2\_11510 | HKY | HKY |
| chr2\_11732 | HKY | HKY |
| chr2\_11743 | TNe+I | HKY |
| chr2\_11785 | K80+I | K80 |
| chr2\_11789 | F81 | F81 |
| chr2\_11804 | HKY | HKY |
| chr2\_12928 | JC+I | JC |
| chr2\_12992 | F81 | F81 |
| chr2\_12994 | HKY | HKY |
| chr2\_13030 | HKY | HKY |
| chr2\_13032 | F81 | F81 |
| chr2\_13034 | HKY+I | HKY |
| chr2\_13064 | F81 | F81 |
| chr2\_13460 | JC+I | JC+I+G |
| chr2\_13502 | HKY+I | HKY+I |
| chr2\_1647 | F81 | F81 |
| chr2\_17005 | F81 | F81 |
| chr2\_17019 | F81 | F81 |
| chr2\_17532 | HKY+I | HKY |
| chr2\_18468 | TPM3u+I | HKY |
| chr2\_18477 | JC+I | JC |
| chr2\_18557 | HKY | F81 |
| chr2\_18578 | F81 | F81 |
| chr2\_18589 | JC | JC |
| chr2\_18608 | F81 | F81 |
| chr2\_18614 | HKY+R2 | HKY+I |
| chr2\_18619 | K80+I | JC |
| chr2\_18662 | F81 | F81 |
| chr2\_18677 | JC | JC |
| chr2\_18686 | JC | JC |
| chr2\_18714 | JC | JC |
| chr2\_18743 | F81 | F81 |
| chr2\_1916 | JC | JC |
| chr2\_20477 | F81+I | F81 |
| chr2\_21229 | F81 | F81 |
| chr2\_21265 | F81 | F81 |
| chr2\_21284 | F81 | F81 |
| chr2\_21308 | JC | JC |
| chr2\_21320 | F81+I | F81 |
| chr2\_21344 | F81 | F81 |
| chr2\_21358 | HKY+I | HKY+I |
| chr2\_21401 | F81 | F81 |
| chr2\_21445 | K80 | K80 |
| chr2\_2239 | K3P+I | JC |
| chr2\_23113 | TN | HKY |
| chr2\_23160 | HKY | HKY |
| chr2\_23221 | F81+I | HKY |
| chr2\_23596 | F81 | F81 |
| chr2\_23621 | HKY+I | HKY+I |
| chr2\_23635 | JC | JC |
| chr2\_23648 | TNe+I | K80+I |
| chr2\_23668 | F81 | F81 |
| chr2\_24173 | F81+I | F81 |
| chr2\_24655 | HKY+I | HKY |
| chr2\_24672 | K3Pu+I | HKY+I |
| chr2\_24684 | F81 | F81 |
| chr2\_24697 | HKY+I | F81 |
| chr2\_24704 | F81+I | F81 |
| chr2\_24800 | HKY | HKY |
| chr2\_24815 | JC | JC |
| chr2\_24827 | HKY | HKY |
| chr2\_24841 | F81+I | F81 |
| chr2\_24859 | K80+I | K80+I |
| chr2\_24876 | F81 | F81 |
| chr2\_24879 | HKY | HKY |
| chr2\_24910 | JC | JC |
| chr2\_25833 | F81+I | F81+G |
| chr2\_25851 | JC+I | JC+G |
| chr2\_27241 | F81+I | F81 |
| chr2\_27258 | F81 | F81 |
| chr2\_27261 | F81 | F81 |
| chr2\_27280 | F81 | F81 |
| chr2\_27294 | F81 | F81 |
| chr2\_27313 | F81 | F81 |
| chr2\_27968 | F81 | F81 |
| chr2\_29406 | F81+I | F81 |
| chr2\_4395 | F81 | F81 |
| chr2\_5491 | K80 | K80 |
| chr2\_5499 | JC | JC |
| chr2\_5526 | JC | JC |
| chr2\_5991 | F81 | F81 |
| chr2\_6341 | JC | JC |
| chr2\_6444 | JC | JC |
| chr2\_6685 | F81 | F81 |
| chr2\_6737 | F81 | F81 |
| chr2\_6787 | F81 | F81 |
| chr2\_7409 | F81 | F81 |
| chr2\_7420 | HKY+I | HKY |
| chr2\_7927 | F81 | F81 |
| chr2\_7945 | F81+I | F81 |
| chr2\_7954 | F81 | F81 |
| chr2\_8583 | HKY+I | HKY+I |
| chr2\_8589 | F81 | F81 |
| chr2\_8590 | F81 | F81 |
| chr2\_8600 | F81+I | F81 |
| chr2\_8609 | F81 | F81 |
| chr2\_8620 | HKY | HKY |
| chr2\_8629 | HKY+I | HKY+I |
| chr2\_8651 | JC+I | JC |
| chr2\_8655 | HKY | HKY |
| chr2\_8677 | HKY+I | HKY |
| chr2\_8688 | JC | JC |
| chr2\_8698 | HKY+I | HKY |
| chr2\_8747 | F81+I | F81 |
| chr2\_8754 | F81 | F81 |
| chr3\_11795 | F81+I | F81 |
| chr3\_11879 | K80+I | K80 |
| chr3\_1282 | F81+I | F81 |
| chr3\_1300 | F81 | F81 |
| chr3\_13359 | HKY | HKY |
| chr3\_13404 | HKY | F81 |
| chr3\_16820 | F81+I | F81 |
| chr3\_16833 | HKY+I | HKY+I |
| chr3\_17448 | HKY+I | HKY |
| chr3\_17607 | JC+I | JC |
| chr3\_17623 | F81 | F81 |
| chr3\_17699 | HKY+I | HKY |
| chr3\_17721 | JC | JC |
| chr3\_17747 | K80+I | JC |
| chr3\_17769 | JC | JC |
| chr3\_17781 | F81 | F81 |
| chr3\_17860 | JC | JC |
| chr3\_17890 | F81 | F81 |
| chr3\_17991 | HKY | HKY |
| chr3\_18203 | F81 | F81 |
| chr3\_18256 | F81 | F81 |
| chr3\_18306 | JC+I | JC |
| chr3\_19568 | F81 | F81 |
| chr3\_19997 | F81 | F81 |
| chr3\_20013 | TN+I | HKY |
| chr3\_21510 | F81+I | HKY |
| chr3\_21949 | K80+I | K80+I |
| chr3\_22024 | K80+I | JC |
| chr3\_23724 | F81 | F81 |
| chr3\_24903 | JC+I | JC |
| chr3\_24963 | K80 | K80 |
| chr3\_25095 | F81+I | F81+G |
| chr3\_2698 | HKY+I | HKY |
| chr3\_2723 | F81 | F81 |
| chr3\_2735 | F81+I | F81 |
| chr3\_2742 | F81 | F81 |
| chr3\_2999 | F81 | F81 |
| chr3\_300 | HKY | HKY |
| chr3\_3073 | JC+I | JC+I+G |
| chr3\_3180 | JC | JC |
| chr3\_3247 | F81+I | F81 |
| chr3\_362 | F81 | F81 |
| chr3\_3805 | JC | JC |
| chr3\_3876 | TPM2u+I | HKY |
| chr3\_457 | TNe+I | K80 |
| chr3\_509 | F81 | F81 |
| chr3\_5445 | HKY | F81 |
| chr3\_5455 | JC | JC |
| chr3\_5476 | F81 | F81 |
| chr3\_5520 | F81 | F81 |
| chr3\_5536 | F81 | F81 |
| chr3\_5552 | HKY+I | HKY |
| chr3\_5573 | TN | F81 |
| chr3\_5605 | HKY+I | HKY |
| chr3\_5687 | HKY | HKY |
| chr3\_5691 | HKY | HKY |
| chr3\_576 | F81 | F81 |
| chr3\_5766 | HKY+I | F81 |
| chr3\_5767 | JC | JC |
| chr3\_5781 | JC | JC |
| chr3\_5815 | HKY+I | HKY |
| chr3\_5848 | HKY | HKY |
| chr3\_5854 | HKY | HKY |
| chr3\_5857 | HKY | HKY |
| chr3\_5873 | K80+I | K80 |
| chr3\_5877 | JC | JC |
| chr3\_5894 | F81 | F81 |
| chr3\_5918 | JC | F81 |
| chr3\_5934 | HKY+I | F81 |
| chr3\_6118 | K80 | K80 |
| chr3\_6129 | JC | JC |
| chr4\_10540 | K80+I | K80 |
| chr4\_10550 | K80+I | K80 |
| chr4\_10564 | HKY+I | F81 |
| chr4\_11155 | F81 | F81 |
| chr4\_11159 | JC+I | JC |
| chr4\_13410 | HKY+I | HKY |
| chr4\_13431 | K80+I | K80+I |
| chr4\_13654 | F81+I | F81 |
| chr4\_15363 | F81+I | F81 |
| chr4\_15987 | F81 | F81 |
| chr4\_17221 | JC+I | HKY+I |
| chr4\_17640 | HKY | HKY |
| chr4\_6701 | HKY | HKY |
| chr4\_6739 | HKY+I | HKY |
| chr4\_7199 | HKY | HKY |
| chr4\_7243 | K80+I | K80+I |
| chr4\_7258 | F81+I | HKY |
| chr4\_7282 | F81 | HKY |
| chr4\_7513 | JC | JC |
| chr4\_7559 | TNe+I | K80 |
| chr4\_7570 | K80+I | K80 |
| chr4\_9665 | F81 | F81 |
| chr4\_9725 | HKY+I | HKY |
| chr4\_9746 | K80 | K80 |
| chr5\_10115 | F81 | F81 |
| chr5\_10176 | JC | JC |
| chr5\_10180 | K80+I | K80 |
| chr5\_10184 | HKY+I | HKY |
| chr5\_10207 | HKY+I | F81 |
| chr5\_10239 | K80+I | K80+I |
| chr5\_10251 | TPM2u | F81 |
| chr5\_10254 | HKY+I | HKY |
| chr5\_10266 | HKY+I | HKY |
| chr5\_10353 | F81 | F81 |
| chr5\_10416 | HKY+I | HKY |
| chr5\_10787 | JC | JC |
| chr5\_10841 | F81 | F81 |
| chr5\_10846 | F81 | F81 |
| chr5\_10859 | F81 | F81 |
| chr5\_10906 | F81 | F81 |
| chr5\_11139 | F81 | F81 |
| chr5\_11146 | F81 | F81 |
| chr5\_11148 | F81 | F81 |
| chr5\_11165 | HKY | HKY |
| chr5\_11198 | HKY+I | HKY |
| chr5\_11202 | HKY | HKY |
| chr5\_11206 | F81 | F81 |
| chr5\_11214 | JC+I | F81 |
| chr5\_11226 | F81 | F81 |
| chr5\_11240 | F81 | F81 |
| chr5\_11245 | F81 | F81 |
| chr5\_11286 | HKY | F81 |
| chr5\_11302 | F81+I | F81 |
| chr5\_11304 | K80 | K80 |
| chr5\_11321 | F81 | F81 |
| chr5\_11325 | F81 | F81 |
| chr5\_11342 | F81 | F81 |
| chr5\_11359 | HKY+I | F81 |
| chr5\_11571 | F81 | F81 |
| chr5\_11637 | K80 | K80 |
| chr5\_11657 | F81 | F81 |
| chr5\_11783 | HKY | HKY |
| chr5\_11955 | F81 | F81 |
| chr5\_12397 | F81 | F81 |
| chr5\_12400 | JC | JC |
| chr5\_12422 | K80+I | K80 |
| chr5\_12835 | F81 | F81 |
| chr5\_13040 | F81+I | F81 |
| chr5\_13042 | JC | JC |
| chr5\_14403 | HKY+I | F81 |
| chr5\_14621 | HKY+I | HKY |
| chr5\_14632 | F81 | F81 |
| chr5\_14720 | F81 | F81 |
| chr5\_14766 | JC | JC |
| chr5\_14864 | HKY | HKY |
| chr5\_14870 | K80+I | K80 |
| chr5\_14876 | F81 | F81 |
| chr5\_14914 | K80+I | K80 |
| chr5\_15022 | K80 | K80 |
| chr5\_15078 | HKY+I | HKY |
| chr5\_1597 | K80+I | K80 |
| chr5\_1675 | K80+I | K80 |
| chr5\_1689 | JC | JC |
| chr5\_1701 | JC+I | JC+I |
| chr5\_1746 | HKY+R2 | HKY |
| chr5\_1749 | K80 | K80 |
| chr5\_1757 | K80 | JC |
| chr5\_1800 | F81 | F81 |
| chr5\_1813 | F81 | F81 |
| chr5\_1834 | F81+I | HKY |
| chr5\_1989 | HKY+I | HKY+I |
| chr5\_3191 | F81 | F81 |
| chr5\_3204 | F81 | F81 |
| chr5\_3273 | HKY | HKY |
| chr5\_3353 | F81+I | F81 |
| chr5\_3377 | K80 | K80 |
| chr5\_3407 | TN | HKY |
| chr5\_3418 | F81 | F81 |
| chr5\_4018 | K80+I | JC |
| chr5\_5657 | F81+I | F81 |
| chr5\_8793 | F81+I | F81 |
| chr6\_6814 | F81 | F81 |
| chr6\_8253 | F81 | F81 |
| chr6\_8786 | F81+I | F81 |
| chr6\_8806 | HKY | HKY |
| chr6\_8829 | F81+I | F81 |
| chr6\_9046 | F81 | F81 |
| chr6\_9069 | F81 | F81 |
| chr6\_9474 | K80+I | K80 |
| chr6\_9529 | F81+I | F81 |
| chr6\_9532 | JC+I | JC |
| chr6\_9559 | HKY+I | HKY |
| chr6\_9631 | F81 | F81 |
| chr6\_9640 | F81+I | F81 |
| chr6\_9737 | F81+I | F81 |
| chr6\_9746 | F81+I | F81 |
| chr6\_9762 | F81 | F81 |
| chr6\_9783 | F81 | F81 |
| chr6\_9787 | F81+I | F81 |
| chr6\_9797 | HKY+I | HKY |
| chr6\_9804 | K80+I | K80 |
| chr6\_9806 | JC | JC |
| chr6\_9809 | JC+I | JC |
| chr6\_9838 | HKY+I | HKY |
| chr7\_10269 | F81 | F81 |
| chr7\_10305 | F81+I | F81 |
| chr7\_10322 | F81 | F81 |
| chr7\_10380 | F81 | F81 |
| chr7\_10394 | F81 | F81 |
| chr7\_10440 | F81 | F81 |
| chr7\_10443 | F81+I | F81 |
| chr7\_10480 | F81 | F81 |
| chr7\_10497 | F81+I | F81+G |
| chr7\_10502 | K80+I | K80 |
| chr7\_10532 | F81+I | F81 |
| chr7\_10675 | F81 | F81 |
| chr7\_10681 | JC+I | JC |
| chr7\_10694 | F81 | F81 |
| chr7\_1370 | F81 | F81 |
| chr7\_1380 | F81 | F81 |
| chr7\_6327 | K80 | K80 |
| chr7\_6333 | HKY+I | HKY |
| chr7\_6366 | JC | JC |
| chr7\_9094 | K80+I | JC |
| chr7\_9104 | F81 | F81 |
| chr8\_3308 | F81+I | F81 |
| chr8\_4014 | K80+I | K80 |
| chr8\_4067 | F81+I | F81 |
| chr8\_4091 | HKY | HKY |
| chr8\_4241 | TNe+I | K80 |
| chr8\_4243 | HKY | HKY |
| chr8\_4319 | F81 | F81 |
| chr8\_4333 | K80+I | K80 |
| chr8\_4340 | F81 | F81 |
| chr8\_4342 | JC | JC |
| chr8\_4410 | F81 | F81 |
| chr8\_6218 | F81 | F81 |
| chr8\_6224 | JC | JC |
| chr8\_6230 | HKY | HKY |
| chr8\_6277 | K80+I | K80 |
| chr8\_6299 | JC+I | JC |
| chr8\_6872 | F81 | F81 |
| chr8\_7441 | F81 | F81 |
| chr8\_7449 | K80+I | K80 |
| chr8\_7513 | F81 | F81 |
| chr8\_7534 | F81 | F81 |
| chr8\_8877 | HKY+I | HKY |
| chr8\_8942 | F81 | F81 |
| chr8\_9143 | F81 | F81 |
| chr8\_9173 | F81 | F81 |
| chr9\_1152 | F81 | F81 |
| chr9\_1164 | JC | JC |
| chr9\_1169 | F81 | F81 |
| chr9\_1191 | F81 | F81 |
| chr9\_1949 | F81 | F81 |
| chr9\_2499 | HKY | HKY |
| chr9\_3289 | HKY+I | HKY |
| chr9\_3633 | F81 | F81 |
| chr9\_5181 | HKY+I | HKY |
| chr9\_5205 | F81 | F81 |
| chr9\_5220 | F81 | F81 |
| chr9\_5246 | HKY+I | HKY |
| chr9\_6320 | K80+I | K80 |
| chr9\_6322 | F81 | F81 |
| chr9\_6325 | HKY+I | HKY+I |
| chr9\_6414 | JC+I | JC |
| chr9\_7171 | JC+I | JC |
| chr9\_7189 | F81 | F81 |
| chr9\_7434 | HKY | HKY |
| chrun\_random\_11933 | F81+I | HKY |
| chrun\_random\_3551 | F81 | F81 |
| chrun\_random\_7197 | F81 | F81 |
| chrz\_11272 | F81 | F81 |
| chrz\_11397 | F81+I | F81+I |
| chrz\_11457 | F81 | F81 |
| chrz\_11465 | F81 | F81 |
| chrz\_11477 | HKY | HKY |
| chrz\_11491 | JC | JC |
| chrz\_11540 | HKY+I | HKY |
| chrz\_11557 | F81+I | F81 |
| chrz\_11584 | TPM2+I | F81 |
| chrz\_11684 | HKY+I | HKY |
| chrz\_4313 | F81 | F81 |
| chrz\_467 | HKY | HKY |
| chrz\_4740 | F81 | F81 |
| chrz\_4747 | F81+I | F81 |
| chrz\_4759 | HKY+I | F81 |
| chrz\_4763 | JC | JC |
| chrz\_4772 | K80+I | K80+I |
| chrz\_4782 | F81+I | F81 |
| chrz\_4787 | F81 | F81 |
| chrz\_4794 | F81+I | F81 |
| chrz\_4816 | TN+I | F81 |
| chrz\_4832 | F81+I | F81 |
| chrz\_4838 | HKY+I | F81 |
| chrz\_4841 | HKY+I | F81 |
| chrz\_5495 | JC+I | K80+I |
| chrz\_5501 | F81+I | F81 |
| chrz\_6357 | F81 | JC |
| chrz\_6396 | K3P+I | K80+I |
| chrz\_646 | HKY | HKY |
| chrz\_6575 | HKY+I | HKY+I |
| chrz\_6612 | F81 | HKY |
| chrz\_6686 | JC | JC |
| chrz\_6690 | JC+I | JC |
| chrz\_6703 | K80+I | K80+I |
| chrz\_6778 | HKY | HKY |
| chrz\_6799 | JC | JC |
| chrz\_7406 | HKY+I | HKY |
| chrz\_7416 | K80+I | HKY |
| chrz\_7824 | JC+I | F81 |
| chrz\_7889 | JC+I | JC |
| chrz\_7923 | F81+I | F81 |
| chrz\_7943 | TNe+I | K80+I |
| chrz\_7982 | HKY+I | F81 |
| chrz\_7997 | F81 | F81 |
| chrz\_8024 | F81 | F81 |