

Supplementary Table 13. Credible set results associated with AUDIT total scores in the GWAS meta-analysis, and functional annotation of the candidate SNPs in the credible region

| SNP | chr | bp | A1 | A2 | MAF | Z | P | inCredible | probNorm | cumSum | lead SNP | GenomicLocus | nearestGene | distance | func | CADD | RDB | minimum_Chromatin_State | |
|-------------|-----|-----------|----|----|------|----------|----------|------------|----------|-----------|-----------|--------------|-------------|------------|------------|-------|-----|-------------------------|--|
| rs1260326 | 2 | 2774100 | t | c | 0.41 | -7.73 | 1.02E-12 | 1 | 0.083 | 0.639 | rs1260326 | 1 | GCKR | 0 | exonic | 0.31 | 5 | 5 | |
| rs780093 | 2 | 27742603 | t | c | 0.41 | -6.91 | 4.72E-12 | 1 | 0.152 | 0.835 | rs1260326 | 1 | GCKR | 0 | intronic | 1.82 | 5 | 1 | |
| rs780094 | 2 | 27741237 | t | c | 0.41 | -6.86 | 6.69E-12 | 1 | 0.108 | 0.943 | rs1260326 | 1 | GCKR | 0 | intronic | 2.07 | 2c | 4 | |
| rs4665972 | 2 | 27598097 | t | c | 0.42 | -6.77 | 1.32E-11 | 1 | 0.056 | 0.999 | rs1260326 | 1 | SNX17 | 0 | intronic | 0.71 | 7 | 4 | |
| rs1127048 | 2 | 27752463 | a | g | 0.76 | 1.34E-11 | 1 | 0.045 | 0.999 | rs1260326 | 1 | GCKR | 5913 | intergenic | | | | | |
| rs4953148 | 2 | 45152522 | a | t | 0.31 | -5.59 | 2.31E-08 | 1 | 0.159 | 0.159 | rs4953148 | 2 | LINC01833 | 0 | RNA_intron | 4.78 | 6 | 5 | |
| rs13383034 | 2 | 45155276 | t | c | 0.31 | -5.40 | 3.02E-08 | 1 | 0.124 | 0.283 | rs4953148 | 2 | LINC01833 | 0 | RNA_intron | 8.12 | 4 | 1 | |
| rs538543 | 2 | 45153287 | c | g | 0.34 | 5.54 | 3.11E-08 | 1 | 0.120 | 0.403 | rs4953148 | 2 | LINC01833 | 0 | RNA_intron | 0.43 | 5 | 5 | |
| rs7568987 | 2 | 45154229 | a | g | 0.31 | -5.53 | 3.29E-08 | 1 | 0.114 | 0.516 | rs4953148 | 2 | LINC01833 | 0 | RNA_intron | 0.02 | 4 | 5 | |
| rs549814 | 2 | 45153508 | t | c | 0.34 | 5.49 | 4.10E-08 | 1 | 0.092 | 0.608 | rs4953148 | 2 | LINC01833 | 0 | RNA_intron | 2.95 | 7 | 5 | |
| rs504675 | 2 | 45154689 | t | c | 0.37 | 5.46 | 4.74E-08 | 1 | 0.084 | 0.692 | rs4953148 | 2 | LINC01833 | 0 | RNA_intron | 15.53 | NA | 5 | |
| rs72794102 | 2 | 45151600 | a | c | 0.33 | 5.43 | 5.56E-08 | 1 | 0.007 | 0.759 | rs4953148 | 2 | LINC01833 | 0 | RNA_intron | 5.88 | 7 | 5 | |
| rs7569203 | 2 | 45154418 | a | c | 0.31 | -5.43 | 5.73E-08 | 1 | 0.066 | 0.825 | rs4953148 | 2 | LINC01833 | 0 | RNA_intron | 0.00 | 2b | 5 | |
| rs504764 | 2 | 45154662 | t | c | 0.34 | 5.37 | 7.99E-08 | 1 | 0.048 | 0.923 | rs4953148 | 2 | LINC01833 | 0 | RNA_intron | 16.24 | NA | 5 | |
| rs13386862 | 2 | 45156324 | a | g | 0.31 | 5.37 | 7.99E-08 | 1 | 0.050 | 0.875 | rs4953148 | 2 | LINC01833 | 0 | RNA_intron | 8.51 | 2b | 1 | |
| rs494904 | 2 | 45141180 | t | c | 0.41 | -5.12 | 3.04E-07 | 1 | 0.015 | 0.938 | rs4953148 | 2 | LINC01833 | 6152 | intergenic | 1.43 | 7 | 5 | |
| rs1629802 | 2 | 45138179 | a | g | 0.38 | 5.12 | 3.12E-07 | 1 | 0.014 | 0.952 | rs4953148 | 2 | LINC01833 | 9153 | intergenic | 2.52 | 6 | 8 | |
| rs567897 | 2 | 45139153 | a | g | 0.42 | -5.09 | 3.60E-07 | 1 | 0.012 | 0.964 | rs4953148 | 2 | LINC01833 | 8179 | intergenic | 11.48 | 7 | 9 | |
| rs4953150 | 2 | 45157336 | t | c | 0.34 | 5.05 | 4.49E-07 | 1 | 0.010 | 0.974 | rs4953148 | 2 | LINC01833 | 0 | rNA_exon | 12.63 | 4 | 1 | |
| rs4953149 | 2 | 45157307 | t | c | 0.34 | -5.02 | 5.07E-07 | 1 | 0.009 | 0.982 | rs4953148 | 2 | LINC01833 | 0 | rNA_exon | 13.31 | 4 | 1 | |
| rs501964 | 2 | 45138941 | t | c | 0.35 | 4.98 | 6.38E-07 | 1 | 0.007 | 0.989 | rs4953148 | 2 | LINC01833 | 8391 | intergenic | 1.09 | NA | 9 | |
| rs540395 | 2 | 45138444 | a | c | 0.42 | -4.93 | 8.11E-07 | 1 | 0.006 | 0.995 | rs4953148 | 2 | LINC01833 | 8888 | intergenic | 2.80 | 5 | 8 | |
| rs1920650 | 3 | 16035568 | t | c | a | -5.64 | 1.72E-08 | 1 | 0.142 | 0.142 | rs1920650 | 3 | RPL6P8 | 32012 | intergenic | 7.53 | 4 | 2 | |
| rs4679003 | 3 | 16032866 | t | c | a | 5.40 | 6.68E-08 | 1 | 0.023 | 0.679 | rs1920650 | 3 | RPL6P8 | 24992 | intergenic | 2.22 | 5 | 5 | |
| rs13065269 | 3 | 160352319 | a | c | a | 5.38 | 7.50E-08 | 1 | 0.034 | 0.213 | rs1920650 | 3 | ARL14 | 42628 | intergenic | 3.25 | 7 | 7 | |
| rs2141668 | 3 | 160336032 | a | g | a | 5.37 | 7.73E-08 | 1 | 0.033 | 0.246 | rs1920650 | 3 | RPL6P8 | 32456 | intergenic | 12.87 | 5 | 2 | |
| rs2178451 | 3 | 160335836 | a | g | a | 5.37 | 7.82E-08 | 1 | 0.033 | 0.278 | rs1920650 | 3 | RPL6P8 | 32260 | intergenic | 1.23 | 5 | 5 | |
| rs7365871 | 3 | 160357685 | t | c | a | -5.37 | 7.85E-08 | 1 | 0.032 | 0.311 | rs1920650 | 3 | ARL14 | 37262 | intergenic | 1.51 | 6 | 5 | |
| rs3503870 | 3 | 16034317 | t | c | a | 5.37 | 8.08E-08 | 1 | 0.032 | 0.342 | rs1920650 | 3 | RPL6P8 | 30741 | intergenic | 0.22 | 5 | 5 | |
| rs6784067 | 3 | 160394152 | t | c | a | -5.36 | 8.25E-08 | 1 | 0.031 | 0.373 | rs1920650 | 3 | ARL14 | 795 | upstream | 0.25 | 7 | 5 | |
| rs1920638 | 3 | 160345169 | a | g | a | -5.36 | 8.30E-08 | 1 | 0.031 | 0.404 | rs1920650 | 3 | RPL6P8 | 41593 | intergenic | 3.88 | 6 | 14 | |
| rs4679904 | 3 | 160340896 | t | c | a | 5.36 | 8.31E-08 | 1 | 0.031 | 0.435 | rs1920650 | 3 | RPL6P8 | 37320 | intergenic | 1.51 | 7 | 5 | |
| rs1263274 | 3 | 160343281 | a | g | a | 5.35 | 8.71E-08 | 1 | 0.029 | 0.464 | rs1920650 | 3 | RPL6P8 | 39705 | intergenic | 1.89 | 7 | 14 | |
| rs4679906 | 3 | 16031187 | a | c | a | 5.35 | 8.92E-08 | 1 | 0.029 | 0.493 | rs1920650 | 3 | ARL14 | 43760 | intergenic | 3.70 | 7 | 14 | |
| rs4679907 | 3 | 160357401 | t | c | a | 5.35 | 8.97E-08 | 1 | 0.029 | 0.521 | rs1920650 | 3 | ARL14 | 43648 | intergenic | 13.09 | 5 | 14 | |
| rs11711447 | 3 | 160349445 | a | g | a | 5.34 | 9.18E-08 | 1 | 0.028 | 0.549 | rs1920650 | 3 | ARL14 | 45502 | intergenic | 1.54 | 7 | 14 | |
| rs13074231 | 3 | 160355428 | t | c | a | -5.34 | 9.28E-08 | 1 | 0.028 | 0.577 | rs1920650 | 3 | ARL14 | 39519 | intergenic | 4.91 | 6 | 5 | |
| rs11713230 | 3 | 160355942 | t | g | a | 5.34 | 9.54E-08 | 1 | 0.027 | 0.604 | rs1920650 | 3 | ARL14 | 39005 | intergenic | 1.16 | 7 | 5 | |
| rs11712392 | 3 | 160355816 | a | g | a | 5.31 | 1.07E-07 | 1 | 0.024 | 0.628 | rs1920650 | 3 | ARL14 | 39131 | intergenic | 0.75 | 6 | 5 | |
| rs6788867 | 3 | 160351039 | c | g | a | 5.27 | 1.43E-07 | 1 | 0.019 | 0.659 | rs1920650 | 3 | ARL14 | 4805 | intergenic | 4.99 | 7 | 5 | |
| rs1920652 | 3 | 160338342 | a | g | a | 5.26 | 1.45E-07 | 1 | 0.018 | 0.684 | rs1920650 | 3 | RPL6P8 | 34766 | intergenic | 0.97 | 7 | 5 | |
| rs9857106 | 3 | 160328827 | t | c | a | -5.25 | 1.52E-07 | 1 | 0.017 | 0.681 | rs1920650 | 3 | RPL6P8 | 25251 | intergenic | 1.69 | 5 | 7 | |
| rs4320089 | 3 | 160325458 | a | g | a | 5.25 | 1.56E-07 | 1 | 0.017 | 0.698 | rs1920650 | 3 | RPL6P8 | 21882 | intergenic | 1.93 | 7 | 14 | |
| rs6801636 | 3 | 160401080 | t | c | a | -5.24 | 1.61E-07 | 1 | 0.018 | 0.714 | rs1920650 | 3 | ARL14 | 4846 | intergenic | 2.19 | 6 | 5 | |
| rs9816525 | 3 | 160331113 | t | c | a | 5.23 | 1.68E-07 | 1 | 0.016 | 0.730 | rs1920650 | 3 | RPL6P8 | 27537 | intergenic | 1.91 | 7 | 5 | |
| rs9822862 | 3 | 160332747 | t | c | a | 5.23 | 1.74E-07 | 1 | 0.015 | 0.745 | rs1920650 | 3 | RPL6P8 | 29173 | intergenic | 1.51 | 7 | 5 | |
| rs6783757 | 3 | 160400562 | a | c | a | -5.22 | 1.79E-07 | 1 | 0.015 | 0.759 | rs1920650 | 3 | ARL14 | 4328 | intergenic | 0.28 | 6 | 5 | |
| rs1920649 | 3 | 160334018 | a | g | a | 5.22 | 1.80E-07 | 1 | 0.015 | 0.774 | rs1920650 | 3 | RPL6P8 | 30442 | intergenic | 0.41 | 7 | 5 | |
| rs11711457 | 3 | 160349534 | c | a | a | -5.21 | 1.88E-07 | 1 | 0.014 | 0.788 | rs1920650 | 3 | ARL14 | 45413 | intergenic | 0.67 | 7 | 14 | |
| rs6786429 | 3 | 160400655 | c | g | a | 5.16 | 2.50E-07 | 1 | 0.011 | 0.799 | rs1920650 | 3 | ARL14 | 4421 | intergenic | 0.01 | 5 | 5 | |
| rs6783882 | 3 | 160350751 | t | c | a | -5.15 | 2.60E-07 | 1 | 0.011 | 0.815 | rs1920650 | 3 | ARL14 | 4517 | intergenic | 13.45 | 5 | 5 | |
| rs1920656 | 3 | 160367991 | t | c | a | 5.13 | 2.83E-07 | 1 | 0.009 | 0.818 | rs1920650 | 3 | ARL14 | 26956 | intergenic | 2.98 | 6 | 5 | |
| rs11715900 | 3 | 160314436 | t | c | a | -5.11 | 3.24E-07 | 1 | 0.008 | 0.826 | rs1920650 | 3 | RPL6P8 | 10860 | intergenic | 13.08 | 6 | 14 | |
| rs7648393 | 3 | 160353328 | a | g | a | 5.11 | 3.29E-07 | 1 | 0.008 | 0.834 | rs1920650 | 3 | ARL14 | 41619 | intergenic | 5.09 | 5 | 5 | |
| rs1920659 | 3 | 160352945 | a | t | a | -5.10 | 3.32E-07 | 1 | 0.008 | 0.842 | rs1920650 | 3 | ARL14 | 42002 | intergenic | 4.51 | 7 | 7 | |
| rs11711627 | 3 | 160319744 | c | g | a | 5.09 | 3.61E-07 | 1 | 0.007 | 0.850 | rs1920650 | 3 | RPL6P8 | 16168 | intergenic | 0.58 | 5 | 7 | |
| rs98020729 | 3 | 160338939 | t | c | a | 5.05 | 6.15E-07 | 1 | 0.005 | 0.855 | rs1920650 | 3 | RPL6P8 | 5392 | intergenic | 11.1 | 6 | 9 | |
| rs1920663 | 3 | 160304350 | a | g | a | -5.02 | 5.23E-07 | 1 | 0.005 | 0.860 | rs1920650 | 3 | RPL6P8 | 774 | downstream | 4.73 | 6 | 5 | |
| rs114457071 | 3 | 160311740 | a | g | a | 5.01 | 5.45E-07 | 1 | 0.005 | 0.865 | rs1920650 | 3 | RPL6P8 | 8164 | intergenic | 8.84 | 7 | 9 | |
| rs7644186 | 3 | 160304472 | a | c | a | 5.01 | 5.50E-07 | 1 | 0.005 | 0.870 | rs1920650 | 3 | RPL6P8 | 496 | downstream | 6.07 | 7 | 5 | |
| rs7923293 | 3 | 160204076 | t | g | a | 4.98 | 6.43E-07 | 1 | 0.004 | 0.874 | rs1920650 | 3 | KN4A4 | 0 | intronic | 1.43 | 7 | 4 | |
| rs4679892 | 3 | 160354286 | a | g | a | 4.97 | 6.55E-07 | 1 | 0.004 | 0.879 | rs1920650 | 3 | KN4A4 | 0 | intronic | 2.63 | 7 | 4 | |
| rs17826257 | 3 | 160262803 | t | c | a | 4.97 | 6.57E-07 | 1 | 0.004 | 0.883 | rs1920650 | 3 | KN4A4 | 0 | intronic | 9 | | | |

| | | | | | | | | | | | | | | | | | | |
|-------------|----|-----------|---|---|-------|----------|----------|-------|-------|------------|-------------|---------------|--------------------------|------------|------------|-------|------|----|
| rs34949451 | 3 | 160381973 | t | g | a | -4.55 | 5.35E-06 | 1 | 0.001 | 0.987 | rs1920650 | 3 | ARL14 | 12974 | intergenic | 0.70 | 7 | 5 |
| rs36118017 | 3 | 160383552 | t | c | a | -4.55 | 5.35E-06 | 1 | 0.001 | 0.988 | rs1920650 | 3 | ARL14 | 11395 | intergenic | 13.15 | 4 | 1 |
| rs5952700 | 3 | 160282863 | a | g | a | -4.54 | 5.77E-06 | 1 | 0.001 | 0.987 | rs1920650 | 3 | RP11-432B6.3.SMC4 | 0 | intergenic | 0.41 | 6 | 4 |
| rs4679886 | 3 | 160155047 | t | c | a | 4.54 | 5.84E-06 | 1 | 0.001 | 0.989 | rs1920650 | 3 | RP11-432B6.3.TRIM59 | 0 | UTR3 | 3.17 | 6 | 4 |
| rs10923 | 3 | 160152696 | a | g | a | 4.53 | 5.87E-06 | 1 | 0.001 | 0.990 | rs1920650 | 3 | RP11-432B6.3.SMC4:TRIM59 | 0 | UTR3 | 0.91 | 6 | 4 |
| rs11719750 | 3 | 160152770 | t | c | a | -4.53 | 5.99E-06 | 1 | 0.000 | 0.990 | rs1920650 | 3 | RP11-432B6.3.TRIM59 | 0 | UTR3 | 2.10 | 6 | 4 |
| rs4679660 | 3 | 160380104 | t | c | a | -4.53 | 6.12E-06 | 1 | 0.000 | 0.990 | rs1920650 | 3 | ARL14 | 14843 | intergenic | 0.90 | 6 | 5 |
| rs11940694 | 4 | 39414993 | a | g | 0.39 | -9.38 | 6.83E-21 | 1 | 0.862 | 0.662 | rs11940694 | 4 | KLB | 0 | intergenic | 3.10 | 4 | 1 |
| rs28712821 | 4 | 39423780 | a | g | 0.39 | 5.71 | 1.61E-10 | 1 | 0.286 | 0.948 | rs1940694 | 4 | KLB | 0 | intergenic | 0.01 | 7 | 1 |
| rs12639940 | 4 | 39420981 | a | g | 0.38 | 8.96 | 3.21E-19 | 1 | 0.013 | 0.981 | rs11940694 | 4 | KLB | 0 | intergenic | 6.34 | 5 | 5 |
| rs13130794 | 4 | 39422242 | t | c | 0.38 | 8.92 | 4.69E-19 | 1 | 0.009 | 0.970 | rs11940694 | 4 | KLB | 0 | intergenic | 8.38 | 7 | 5 |
| rs13125440 | 4 | 39422324 | a | g | 0.38 | 8.91 | 5.00E-19 | 1 | 0.009 | 0.978 | rs11940694 | 4 | KLB | 0 | intergenic | 3.23 | 5 | 5 |
| rs13146907 | 4 | 39425248 | a | g | 0.37 | 8.90 | 5.60E-19 | 1 | 0.007 | 0.993 | rs11940694 | 4 | KLB | 0 | intergenic | 2.73 | 6 | 5 |
| rs35520052 | 4 | 39428965 | a | g | 0.38 | -9.50 | 5.70E-19 | 1 | 0.008 | 0.986 | rs11940694 | 4 | KLB | 0 | intergenic | 3.52 | 6 | 5 |
| rs2045330 | 4 | 39413861 | a | c | 0.38 | -8.79 | 1.14E-11 | 1 | 0.893 | 0.893 | rs2046330 | 4 | KLB | 0 | intergenic | 0.99 | 1 | 1 |
| rs9991733 | 4 | 39420994 | a | g | 0.38 | -6.28 | 3.48E-10 | 1 | 0.032 | 0.925 | rs2046330 | 4 | KLB | 0 | intergenic | 3.53 | 5 | 5 |
| rs7674434 | 4 | 39419409 | t | g | 0.38 | -6.27 | 3.52E-10 | 1 | 0.031 | 0.956 | rs2046330 | 4 | KLB | 0 | intergenic | 10.76 | 7 | 5 |
| rs10030384 | 4 | 39419229 | a | t | 0.38 | -6.19 | 5.91E-10 | 1 | 0.019 | 0.975 | rs2046330 | 4 | KLB | 0 | intergenic | 0.04 | 6 | 5 |
| rs6836420 | 4 | 39418192 | a | g | 0.37 | 6.07 | 1.24E-09 | 1 | 0.009 | 0.984 | rs2046330 | 4 | KLB | 0 | intergenic | 6.86 | 6 | 5 |
| rs7379281 | 4 | 39292118 | t | c | 0.36 | 6.06 | 1.34E-09 | 1 | 0.009 | 0.992 | rs2046330 | 4 | KLB | 0 | intergenic | 1.29 | 6 | 5 |
| rs146788033 | 4 | 99941138 | a | g | 0.01 | 10.48 | 1.03E-25 | 1 | 1.000 | 1.000 | rs146788033 | 5 | METAP1 | 0 | intergenic | 11.4 | 5.00 | 4 |
| rs1733695 | 4 | 100122916 | a | g | 0.01 | -11.42 | 3.37E-20 | 1 | 1.000 | 1.000 | rs1733695 | 5 | RP11-696N14.1 | 0 | RNA_intron | 3.02 | 2b | 5 |
| rs188514326 | 4 | 101182767 | g | c | 0.01 | -5.49 | 4.08E-08 | 1 | 1.000 | 1.000 | rs188514326 | 5 | RP11-588PB.1 | 46104 | intergenic | 0.60 | 5 | 7 |
| rs3114045 | 4 | 100252560 | t | c | 0.13 | -7.18 | 7.19E-13 | 1 | 0.742 | 0.742 | rs13849551 | 5 | ADH1C | 5089 | intergenic | 0.28 | 7 | 5 |
| rs7692041 | 4 | 100286539 | t | c | 0.08 | -6.78 | 1.19E-11 | 1 | 0.052 | 0.794 | rs13849551 | 5 | ADH1C | 12355 | intergenic | 0.30 | 6 | 5 |
| rs4995743 | 4 | 100282103 | a | g | 0.08 | -6.78 | 1.19E-11 | 1 | 0.052 | 0.794 | rs13849551 | 5 | ADH1C | 7919 | intergenic | 0.61 | 6 | 5 |
| rs11405931 | 4 | 100281304 | a | c | 0.08 | -6.76 | 1.42E-11 | 1 | 0.044 | 0.890 | rs13849551 | 5 | ADH1C | 7210 | intergenic | 9.48 | 6 | 5 |
| rs113659074 | 4 | 100252308 | t | c | 0.08 | -6.63 | 3.32E-11 | 1 | 0.019 | 0.909 | rs13849551 | 5 | ADH1C | 5341 | intergenic | 0.02 | 6 | 5 |
| rs113909752 | 4 | 100281067 | t | c | 0.08 | -6.60 | 4.14E-11 | 1 | 0.016 | 0.925 | rs13849551 | 5 | ADH1C | 6883 | intergenic | 3.73 | 5 | 5 |
| rs1837934 | 4 | 100289984 | a | g | 0.08 | -6.56 | 5.40E-11 | 1 | 0.012 | 0.948 | rs13849551 | 5 | ADH1C | 15800 | intergenic | 6.93 | NA | 14 |
| rs6532815 | 4 | 100287156 | a | g | 0.08 | 6.56 | 5.42E-11 | 1 | 0.012 | 0.937 | rs13849551 | 5 | ADH1C | 0 | intergenic | 0.49 | 6 | 5 |
| rs34761493 | 4 | 100283110 | a | g | 0.08 | -6.56 | 5.85E-11 | 1 | 0.012 | 0.980 | rs13849551 | 5 | ADH1C | 0 | intergenic | 0.51 | NA | 14 |
| rs115179961 | 4 | 100281145 | t | c | 0.08 | -6.54 | 6.30E-11 | 1 | 0.010 | 0.970 | rs13849551 | 5 | ADH1C | 6961 | intergenic | 0.09 | 5 | 5 |
| rs72681920 | 4 | 100290279 | a | g | 0.08 | -6.54 | 6.31E-11 | 1 | 0.010 | 0.991 | rs13849551 | 5 | ADH1C | 16095 | intergenic | 2.49 | 5 | 14 |
| rs147851155 | 4 | 100282262 | a | g | 0.08 | -6.54 | 6.35E-11 | 1 | 0.010 | 0.980 | rs13849551 | 5 | ADH1C | 8078 | intergenic | 7.33 | 7 | 5 |
| rs13135992 | 4 | 103198082 | a | g | 0.09 | 7.59 | 3.20E-14 | 1 | 0.411 | 0.411 | rs13135992 | 6 | SLC39A8 | 0 | intergenic | 10.30 | 6 | 5 |
| rs13107325 | 4 | 103189709 | t | c | 0.08 | -7.53 | 5.25E-14 | 1 | 0.264 | 0.675 | rs13135992 | 6 | SLC39A8 | 0 | exonic | 34.00 | 5 | 4 |
| rs35225200 | 4 | 103146888 | a | g | 0.09 | 7.46 | 8.44E-14 | 1 | 0.158 | 0.833 | rs13135992 | 6 | SLC39A8 | 25310 | intergenic | 1.26 | 7 | 9 |
| rs35518360 | 4 | 103146890 | a | t | 0.09 | 7.46 | 9.01E-14 | 1 | 0.148 | 0.981 | rs13135992 | 6 | SLC39A8 | 25308 | intergenic | 0.15 | 7 | 9 |
| rs3433163 | 4 | 103283117 | a | g | 0.08 | 7.05 | 1.81E-12 | 1 | 0.008 | 0.989 | rs13135992 | 6 | RN7SL728P | 13269 | intergenic | 3.13 | 7 | 5 |
| rs13105581 | 4 | 103228830 | t | c | 0.08 | -7.00 | 2.61E-12 | 1 | 0.005 | 0.994 | rs13135992 | 6 | SLC39A8 | 0 | intergenic | 8.63 | 7 | 4 |
| rs35040843 | 8 | 93309497 | t | c | 5.55 | 2.91E-07 | 1 | 0.344 | 0.344 | rs35040843 | 8 | RP11-700E23.3 | 22642 | intergenic | 0.59 | 6 | 9 | |
| rs13259661 | 8 | 93345300 | a | c | 5.55 | 2.04E-07 | 1 | 0.052 | 0.396 | rs35040843 | 8 | RP11-700E23.3 | 18835 | intergenic | 1.16 | 6 | 9 | |
| rs4259387 | 8 | 93366290 | a | g | 5.19 | 2.10E-07 | 1 | 0.051 | 0.447 | rs35040843 | 8 | RP11-700E23.3 | 1913 | intergenic | 0.12 | 7 | 9 | |
| rs11775918 | 8 | 93299275 | a | g | -5.16 | 2.44E-07 | 1 | 0.044 | 0.491 | rs35040843 | 8 | RP11-700E23.3 | 64864 | intergenic | 1.24 | 7 | 14 | |
| rs7830355 | 8 | 93309479 | t | c | -5.13 | 2.91E-07 | 1 | 0.037 | 0.528 | rs35040843 | 8 | RP11-700E23.3 | 54660 | intergenic | 8.96 | 6 | 7 | |
| rs4565373 | 8 | 93339099 | a | t | -5.12 | 3.06E-07 | 1 | 0.035 | 0.563 | rs35040843 | 8 | RP11-700E23.3 | 33230 | intergenic | 7.32 | 7 | 9 | |
| rs71530232 | 8 | 93356230 | a | c | 5.11 | 3.23E-07 | 1 | 0.034 | 0.571 | rs35040843 | 8 | RP11-700E23.3 | 34832 | intergenic | 0.01 | 7 | 9 | |
| rs35606437 | 8 | 93327532 | a | g | 5.11 | 3.23E-07 | 1 | 0.033 | 0.631 | rs35040843 | 8 | RP11-700E23.3 | 36607 | intergenic | 2.67 | 7 | 9 | |
| rs35808086 | 8 | 93336734 | t | c | 5.11 | 3.26E-07 | 1 | 0.033 | 0.684 | rs35040843 | 8 | RP11-700E23.3 | 27405 | intergenic | 7.57 | 6 | 15 | |
| rs35803447 | 8 | 93323053 | t | c | 5.10 | 3.32E-07 | 1 | 0.033 | 0.696 | rs35040843 | 8 | RP11-700E23.3 | 41086 | intergenic | 3.42 | 6 | 9 | |
| rs13281878 | 8 | 93318607 | t | c | 5.10 | 3.34E-07 | 1 | 0.032 | 0.729 | rs35040843 | 8 | RP11-700E23.3 | 45532 | intergenic | 0.51 | 7 | 9 | |
| rs3431424 | 8 | 93301977 | c | g | 5.10 | 3.39E-07 | 1 | 0.032 | 0.761 | rs35040843 | 8 | RP11-700E23.3 | 62262 | intergenic | 0.38 | 7 | 15 | |
| rs34898771 | 8 | 93303861 | a | g | 5.10 | 3.40E-07 | 1 | 0.032 | 0.793 | rs35040843 | 8 | RP11-700E23.3 | 60278 | intergenic | 12.52 | 7 | 15 | |
| rs6991228 | 8 | 93325492 | t | c | -5.10 | 3.41E-07 | 1 | 0.032 | 0.824 | rs35040843 | 8 | RP11-700E23.3 | 38647 | intergenic | 1.71 | 7 | 9 | |
| rs17748359 | 8 | 93291163 | a | c | -5.08 | 3.81E-07 | 1 | 0.029 | 0.853 | rs35040843 | 8 | RP11-700E23.3 | 72976 | intergenic | 15.27 | 7 | 9 | |
| rs7843008 | 8 | 93317204 | t | c | -5.08 | 3.86E-07 | 1 | 0.028 | 0.881 | rs35040843 | 8 | RP11-700E23.3 | 48935 | intergenic | 1.52 | 5 | 7 | |
| rs143695991 | 8 | 93321871 | a | g | 5.04 | 4.66E-07 | 1 | 0.023 | 0.905 | rs35040843 | 8 | RP11-700E23.3 | 46935 | intergenic | 1.52 | 5 | 7 | |
| rs1373527 | 8 | 93281788 | a | g | 4.93 | 4.81E-07 | 1 | 0.013 | 0.918 | rs35040843 | 8 | RP11-700E23.3 | 76754 | intergenic | 1.74 | 6 | 9 | |
| rs17748165 | 8 | 93268727 | a | g | -4.88 | 1.06E-06 | 1 | 0.011 | 0.929 | rs35040843 | 8 | RP11-700E23.3 | 77412 | intergenic | 1.22 | 6 | 9 | |
| rs76203758 | 8 | 93373516 | a | g | -4.87 | 1.12E-06 | 1 | 0.010 | 0.939 | rs35040843 | 8 | RP11-700E23.3 | 9139 | intergenic | 0.27 | 6 | 9 | |
| rs17748153 | 8 | 93284681 | t | c | 4.81 | 1.49E-06 | 1 | 0.008 | 0.946 | rs35040843 | 8 | RP11-700E23.3 | 79458 | intergenic | 11.67 | 4 | 1 | |
| rs1480889 | 8 | 93355038 | t | c | 4.80 | 1.56E-06 | 1 | 0.007 | 0.954 | rs35040843 | 8 | RP11-700E23.3 | 9101 | intergenic | 0.84 | 7 | 9 | |
| rs9993812 | 8 | 93360143 | t | c | -4.79 | 1.69E-06 | 1 | 0.007 | 0.961 | rs35040843 | 8 | RP11-700E23.3 | 3996 | intergenic | 4.78 | 6 | 5 | |
| rs4297019 | 8 | 93366286 | a | g | -4.78 | 1.77E-06 | 1 | 0.007 | 0.971 | rs35040843 | 8 | RP11-700E23.3 | 1863 | intergenic | 2.87 | 6 | 9 | |
| rs4149791 | 8 | 93367913 | c | g | -4.78 | 1.77E-06 | 1 | 0.007 | 0.974 | rs35040843 | 8 | RP11-700E23.3 | 3536 | intergenic | 1.91 | 6 | 9 | |
| rs13274294 | 8 | 93277429 | t | c | 4.71 | 2.49E-06 | 1 | 0.005 | 0.978 | rs35040843 | 8 | RP11-700E23.3 | 86710 | intergenic | 2.60 | 6 | 9 | |
| rs35348516 | 8 | 93273639 | a | g | 4.71 | 2.51E-06 | 1 | 0.005 | 0.983 | rs35040843 | 8 | RP11-700E23.3 | 90500 | intergenic | 1.78 | 6 | 15 | |
| rs35442472 | 8 | 93384426 | t | c | 4.65 | 3.41E-06 | 1 | 0.003 | 0.986 | rs35040843 | 8 | RP11-700E23.3 | 20049 | intergenic | 12.86 | 4 | 2 | |
| rs12673529 | 8 | 93356426 | a | g | 4.64 | 3.42E-06 | 1 | 0.003 | 0.987 | rs35040843 | 8 | RP11-700E23.3 | 69872 | intergenic | 2.88 | 6 | 9 | |
| rs13263731 | 8 | 93267443 | a | t | -4.61 | 4.12E-06 | 1 | 0.003 | 0.993 | rs35040843 | 8 | RP11-700E23.3 | 96566 | intergenic | 3.40 | 7 | 5 | |
| rs7078436 | 10 | 30378863 | a | g | 0.32 | 5.74 | 9.58E-09 | 1 | 0.132 | 0.132 | rs7078436 | 8 | JCAD | 0 | intergenic | 3.79 | 6 | 5 |
| rs4749528 | 10 | 30376771 | t | c | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|-------------|----|----------|---|---|-------|----------|---|-------|-------|--------------|---|--------|---|----------|------|----|---|
| rs62061809 | 17 | 44178839 | t | c | 5.75 | 9.08E-09 | 1 | 0.001 | 0.191 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.02 | 4 | 1 |
| rs17660847 | 17 | 44189373 | t | c | -5.75 | 9.09E-09 | 1 | 0.001 | 0.192 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.49 | 6 | 5 |
| rs17576695 | 17 | 44123227 | a | t | -5.75 | 9.09E-09 | 1 | 0.001 | 0.193 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.49 | 6 | 4 |
| rs62063671 | 17 | 44124837 | a | g | 5.75 | 9.10E-09 | 1 | 0.001 | 0.194 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.52 | 7 | 4 |
| rs17573607 | 17 | 44083081 | a | g | -5.75 | 9.11E-09 | 1 | 0.001 | 0.195 | rs62062288 | 9 | MAPT | 0 | intronic | 2.48 | 6 | 4 |
| rs17576842 | 17 | 44179992 | a | g | 5.75 | 9.12E-09 | 1 | 0.001 | 0.197 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.99 | 1f | 2 |
| rs1987151 | 17 | 44156181 | a | t | -5.75 | 9.13E-09 | 1 | 0.001 | 0.198 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | |
| rs62063781 | 17 | 44086991 | t | g | -5.75 | 9.15E-09 | 1 | 0.001 | 0.199 | rs62062288 | 9 | MAPT | 0 | intronic | | | |
| rs62061818 | 17 | 44182917 | c | g | 5.75 | 9.17E-09 | 1 | 0.001 | 0.200 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.38 | 6 | 4 |
| rs62061858 | 17 | 44200333 | t | c | 5.75 | 9.18E-09 | 1 | 0.001 | 0.201 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | |
| rs77924366 | 17 | 44182181 | t | c | 5.75 | 9.18E-09 | 1 | 0.001 | 0.202 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.77 | 5 | 4 |
| rs17576870 | 17 | 44180442 | a | g | 5.75 | 9.20E-09 | 1 | 0.001 | 0.203 | rs62062288 | 9 | KANSL1 | 0 | intronic | 6.47 | 1f | 5 |
| rs62063202 | 17 | 44208945 | t | c | -5.75 | 9.20E-09 | 1 | 0.001 | 0.204 | rs62062288 | 9 | KANSL1 | 0 | intronic | 5.84 | 5 | 2 |
| rs62061810 | 17 | 44178884 | a | g | -5.75 | 9.21E-09 | 1 | 0.001 | 0.206 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.76 | 2b | 1 |
| rs17576854 | 17 | 44181933 | a | c | 5.75 | 9.21E-09 | 1 | 0.001 | 0.207 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.22 | 1f | 5 |
| rs17660865 | 17 | 44189408 | t | c | 5.75 | 9.22E-09 | 1 | 0.001 | 0.208 | rs62062288 | 9 | KANSL1 | 0 | intronic | 9.46 | 6 | 5 |
| rs17577877 | 17 | 44208218 | a | g | 5.74 | 9.23E-09 | 1 | 0.001 | 0.209 | rs62062288 | 9 | KANSL1 | 0 | intronic | 5.87 | 1f | 2 |
| rs62061815 | 17 | 44181881 | a | g | 5.74 | 9.23E-09 | 1 | 0.001 | 0.210 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.81 | 5 | 5 |
| rs17660895 | 17 | 44180954 | a | g | 5.74 | 9.24E-09 | 1 | 0.001 | 0.212 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.74 | 1f | 5 |
| rs62061812 | 17 | 44180997 | t | c | -5.74 | 9.24E-09 | 1 | 0.001 | 0.211 | rs62062288 | 9 | KANSL1 | 0 | intronic | 8.73 | 4 | 4 |
| rs77788666 | 17 | 44121917 | t | c | -5.74 | 9.24E-09 | 1 | 0.001 | 0.213 | rs62062288 | 9 | KANSL1 | 0 | intronic | 5.67 | 4 | 4 |
| rs17576989 | 17 | 44183616 | a | c | -5.74 | 9.25E-09 | 1 | 0.001 | 0.215 | rs62062288 | 9 | KANSL1 | 0 | intronic | 5.30 | 1f | 4 |
| rs55946323 | 17 | 44031946 | a | g | 5.74 | 9.26E-09 | 1 | 0.001 | 0.216 | rs62062288 | 9 | MAPT | 0 | intronic | 0.38 | 7 | 5 |
| rs6020809 | 17 | 44172391 | t | c | -5.74 | 9.27E-09 | 1 | 0.001 | 0.217 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.51 | 7 | 4 |
| rs55903047 | 17 | 44178092 | a | g | -5.74 | 9.27E-09 | 1 | 0.001 | 0.218 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.44 | 5 | 5 |
| rs62063165 | 17 | 44202147 | a | g | 5.74 | 9.28E-09 | 1 | 0.001 | 0.219 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.29 | 5 | 5 |
| rs77044307 | 17 | 44172408 | c | g | 5.74 | 9.31E-09 | 1 | 0.001 | 0.220 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.48 | 6 | 4 |
| rs62063166 | 17 | 44202231 | a | g | 5.74 | 9.31E-09 | 1 | 0.001 | 0.221 | rs62062288 | 9 | KANSL1 | 0 | intronic | 8.55 | 5 | 4 |
| rs62064660 | 17 | 44078832 | a | g | -5.74 | 9.32E-09 | 1 | 0.001 | 0.222 | rs62062288 | 9 | MAPT | 0 | intronic | 0.72 | 6 | 4 |
| rs11124279 | 17 | 44082181 | a | g | 5.74 | 9.32E-09 | 1 | 0.001 | 0.224 | rs62062288 | 9 | MAPT | 0 | intronic | 0.09 | 7 | 5 |
| rs56042957 | 17 | 43992244 | a | g | -5.74 | 9.32E-09 | 1 | 0.001 | 0.225 | rs62062288 | 9 | MAPT | 0 | intronic | 0.70 | 7 | 4 |
| rs55810795 | 17 | 43992283 | a | g | 5.74 | 9.33E-09 | 1 | 0.001 | 0.226 | rs62062288 | 9 | MAPT | 0 | intronic | 0.05 | 7 | 4 |
| rs6503457 | 17 | 44208312 | t | g | -5.74 | 9.33E-09 | 1 | 0.001 | 0.227 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.88 | 1f | 2 |
| rs111952388 | 17 | 44181454 | t | c | -5.74 | 9.35E-09 | 1 | 0.001 | 0.228 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.67 | 6 | 5 |
| rs17661385 | 17 | 44207778 | a | g | 5.74 | 9.37E-09 | 1 | 0.001 | 0.229 | rs62062288 | 9 | KANSL1 | 0 | intronic | 4.08 | 1f | 2 |
| rs77095128 | 17 | 44204304 | t | g | 5.74 | 9.38E-09 | 1 | 0.001 | 0.230 | rs62062288 | 9 | KANSL1 | 0 | intronic | 8.00 | 3a | 4 |
| rs17577052 | 17 | 44189301 | a | c | 5.74 | 9.39E-09 | 1 | 0.001 | 0.231 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.52 | 1b | 5 |
| rs62061822 | 17 | 44186894 | a | g | 5.74 | 9.41E-09 | 1 | 0.001 | 0.232 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.61 | 6 | 2 |
| rs62062805 | 17 | 44030773 | a | g | 5.74 | 9.42E-09 | 1 | 0.001 | 0.233 | rs62062288 | 9 | MAPT | 0 | intronic | 0.96 | 3a | 5 |
| rs62063673 | 17 | 44125484 | t | g | 5.74 | 9.42E-09 | 1 | 0.001 | 0.235 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.53 | 7 | 4 |
| rs62061845 | 17 | 44190156 | t | c | 5.74 | 9.42E-09 | 1 | 0.001 | 0.236 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | |
| rs17660907 | 17 | 44051088 | a | g | -5.74 | 9.43E-09 | 1 | 0.001 | 0.237 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.99 | 1f | 5 |
| rs78209533 | 17 | 43989909 | a | g | 5.74 | 9.43E-09 | 1 | 0.001 | 0.238 | rs62062288 | 9 | MAPT | 0 | intronic | 3.58 | 5 | 4 |
| rs112116311 | 17 | 43989898 | t | g | 5.74 | 9.43E-09 | 1 | 0.001 | 0.239 | rs62062288 | 9 | MAPT | 0 | intronic | 4.65 | 5 | 4 |
| rs62061823 | 17 | 44188645 | t | c | -5.74 | 9.43E-09 | 1 | 0.001 | 0.240 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.17 | 7 | 5 |
| rs62061732 | 17 | 44017941 | t | c | -5.74 | 9.44E-09 | 1 | 0.001 | 0.241 | rs62062288 | 9 | MAPT | 0 | intronic | 0.57 | 4 | 5 |
| rs17577159 | 17 | 44188477 | t | g | 5.74 | 9.45E-09 | 1 | 0.001 | 0.242 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.85 | 1f | 5 |
| rs41382552 | 17 | 44118995 | a | g | 5.74 | 9.45E-09 | 1 | 0.001 | 0.243 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.22 | 4 | 4 |
| rs17577094 | 17 | 44187492 | a | g | 5.74 | 9.47E-09 | 1 | 0.001 | 0.244 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.58 | 1f | 4 |
| rs56406462 | 17 | 44119474 | t | c | 5.74 | 9.48E-09 | 1 | 0.001 | 0.246 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | |
| rs111676341 | 17 | 44183403 | a | g | 5.74 | 9.49E-09 | 1 | 0.001 | 0.247 | rs62062288 | 9 | KANSL1 | 0 | intronic | 4.40 | 5 | 4 |
| rs17564948 | 17 | 44011749 | a | g | 5.74 | 9.49E-09 | 1 | 0.001 | 0.248 | rs62062288 | 9 | MAPT | 0 | intronic | 0.90 | 1f | 1 |
| rs62063799 | 17 | 44205425 | a | g | -5.74 | 9.50E-09 | 1 | 0.001 | 0.249 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.07 | 6 | 3 |
| rs4548919 | 17 | 44192395 | t | g | -5.74 | 9.51E-09 | 1 | 0.001 | 0.250 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.80 | 6 | 5 |
| rs62061813 | 17 | 44181118 | a | g | -5.74 | 9.52E-09 | 1 | 0.001 | 0.251 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.68 | 5 | 5 |
| rs17577954 | 17 | 44209628 | t | c | 5.74 | 9.53E-09 | 1 | 0.001 | 0.252 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.07 | 6 | 4 |
| rs62063300 | 17 | 44048350 | t | c | 5.74 | 9.54E-09 | 1 | 0.001 | 0.254 | rs62062288 | 9 | MAPT | 0 | intronic | 3.43 | 4 | 4 |
| rs17660926 | 17 | 44181159 | t | c | -5.74 | 9.54E-09 | 1 | 0.001 | 0.253 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.31 | 1f | 5 |
| rs111372048 | 17 | 44138577 | a | c | 5.74 | 9.54E-09 | 1 | 0.001 | 0.255 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.83 | 4 | 4 |
| rs75975083 | 17 | 44146357 | t | c | 5.74 | 9.55E-09 | 1 | 0.001 | 0.256 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.08 | 7 | 4 |
| rs62063789 | 17 | 44061898 | t | c | 5.74 | 9.56E-09 | 1 | 0.001 | 0.258 | rs62062288 | 9 | MAPT | 0 | intronic | 1.24 | 4 | 4 |
| rs62063203 | 17 | 44209313 | t | c | 5.74 | 9.57E-09 | 1 | 0.001 | 0.259 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.48 | 5 | 5 |
| rs70717444 | 17 | 44028796 | t | c | 5.74 | 9.57E-09 | 1 | 0.001 | 0.260 | rs62062288 | 9 | MAPT | 0 | intronic | 2.08 | 2b | 5 |
| rs112401617 | 17 | 44209471 | a | t | -5.74 | 9.57E-09 | 1 | 0.001 | 0.261 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.63 | 7 | 4 |
| rs17564871 | 17 | 44011018 | a | g | 5.74 | 9.57E-09 | 1 | 0.001 | 0.262 | rs62062288 | 9 | MAPT | 0 | intronic | 5.63 | 6 | 1 |
| rs62062323 | 17 | 44113224 | a | c | -5.74 | 9.58E-09 | 1 | 0.001 | 0.263 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | |
| rs17659731 | 17 | 44144634 | a | g | -5.74 | 9.59E-09 | 1 | 0.001 | 0.264 | rs62062288 | 9 | KANSL1 | 0 | intronic | 4.15 | 1f | 4 |
| rs111724389 | 17 | 44209364 | a | g | -5.74 | 9.59E-09 | 1 | 0.001 | 0.265 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.29 | 5 | 4 |
| rs62061814 | 17 | 44181508 | t | g | 5.74 | 9.59E-09 | 1 | 0.001 | 0.266 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.68 | 7 | 5 |
| rs17649704 | 17 | 44017901 | c | g | -5.74 | 9.61E-09 | 1 | 0.001 | 0.267 | rs62062288 | 9 | MAPT | 0 | intronic | 1.18 | 1f | 2 |
| rs62062806 | 17 | 44031420 | a | g | -5.74 | 9.62E-09 | 1 | 0.001 | 0.268 | rs62062288 | 9 | MAPT | 0 | intronic | 1.07 | 5 | 5 |
| rs12150570 | 17 | 44126218 | a | g | -5.74 | 9.62E-09 | 1 | 0.001 | 0.269 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.87 | 6 | 4 |
| rs79301522 | 17 | 44207932 | a | g | 5.74 | 9.62E-09 | 1 | 0.001 | 0.270 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.45 | 5 | 2 |
| rs12150230 | 17 | 44015464 | a | g | 5.74 | 9.63E-09 | 1 | 0.001 | 0.272 | rs62062288 | 9 | MAPT | 0 | intronic | 3.35 | 6 | 5 |
| rs55903947 | 17 | 44209957 | a | g | 5.74 | 9.63E-09 | 1 | 0.001 | 0.273 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.61 | 6 | 4 |
| rs17575827 | 17 | 44144345 | a | g | 5.74 | 9.63E-09 | 1 | 0.001 | 0.274 | rs62062288 | 9 | KANSL1 | 0 | intronic | 7.91 | 6 | 3 |
| rs17575850 | 17 | 44144387 | a | c | -5.74 | 9.63E-09 | 1 | 0.001 | 0.275 | rs62062288 | 9 | KANSL1 | 0 | intronic | 5.59 | 6 | 3 |
| rs55978005 | 17 | 44031540 | t | g | -5.74 | 9.64E-09 | 1 | 0.001 | 0.276 | rs62062288</ | | | | | | | |

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|-------------|----|----------|---|---|-------|----------|---|-------|-------|------------|---|--------|---|------------|-------|----|---|
| rs1468240 | 17 | 44196447 | a | t | -5.73 | 9.81E-09 | 1 | 0.001 | 0.333 | rs62062288 | 9 | KANSL1 | 0 | intronic | 4.93 | 5 | 2 |
| rs62063669 | 17 | 44122626 | a | c | -5.73 | 9.81E-09 | 1 | 0.001 | 0.334 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | |
| rs62062771 | 17 | 44020282 | a | g | -5.73 | 9.81E-09 | 1 | 0.001 | 0.336 | rs62062288 | 9 | MAPT | 0 | intronic | 14.13 | 5 | 2 |
| rs62062770 | 17 | 44019680 | t | c | 5.73 | 9.82E-09 | 1 | 0.001 | 0.338 | rs62062288 | 9 | MAPT | 0 | intronic | 2.38 | 2b | |
| rs75229280 | 17 | 44196653 | a | g | -5.73 | 9.82E-09 | 1 | 0.001 | 0.337 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.74 | 2 | 5 |
| rs12150460 | 17 | 44014137 | t | g | -5.73 | 9.82E-09 | 1 | 0.001 | 0.340 | rs62062288 | 9 | MAPT | 0 | intronic | 1.31 | 1d | 2 |
| rs113909426 | 17 | 44196822 | a | g | -5.73 | 9.82E-09 | 1 | 0.001 | 0.339 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.99 | 6 | 5 |
| rs113537106 | 17 | 44019462 | a | g | 5.73 | 9.83E-09 | 1 | 0.001 | 0.341 | rs62062288 | 9 | MAPT | 0 | intronic | 1.41 | 6 | 5 |
| rs62062777 | 17 | 44027366 | t | g | 5.73 | 9.83E-09 | 1 | 0.001 | 0.342 | rs62062288 | 9 | MAPT | 0 | intronic | 2.19 | 5 | 5 |
| rs8070942 | 17 | 44208674 | t | g | -5.73 | 9.84E-09 | 1 | 0.001 | 0.343 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.17 | 6 | 2 |
| rs767057 | 17 | 43998822 | a | g | 5.73 | 9.84E-09 | 1 | 0.001 | 0.344 | rs62062288 | 9 | MAPT | 0 | intronic | 5.45 | 5 | 4 |
| rs62061725 | 17 | 44016157 | c | g | -5.73 | 9.85E-09 | 1 | 0.001 | 0.345 | rs62062288 | 9 | MAPT | 0 | intronic | 0.34 | 7 | 5 |
| rs62063670 | 17 | 44123248 | t | c | 5.73 | 9.85E-09 | 1 | 0.001 | 0.346 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.57 | 3a | 4 |
| rs2062066 | 17 | 43979971 | a | g | -5.73 | 9.85E-09 | 1 | 0.001 | 0.348 | rs62062288 | 9 | MAPT | 0 | intronic | 3.04 | 6 | 5 |
| rs62062768 | 17 | 44019643 | a | g | -5.73 | 9.85E-09 | 1 | 0.001 | 0.347 | rs62062288 | 9 | MAPT | 0 | intronic | 1.05 | 7 | 2 |
| rs62062798 | 17 | 44027383 | a | g | 5.73 | 9.85E-09 | 1 | 0.001 | 0.349 | rs62062288 | 9 | MAPT | 0 | intronic | 2.13 | 4 | 5 |
| rs62056840 | 17 | 43989689 | t | c | 5.73 | 9.86E-09 | 1 | 0.001 | 0.350 | rs62062288 | 9 | MAPT | 0 | intronic | 2.89 | 7 | 4 |
| rs79860128 | 17 | 43990072 | a | g | 5.73 | 9.86E-09 | 1 | 0.001 | 0.351 | rs62062288 | 9 | MAPT | 0 | intronic | 1.00 | 6 | 4 |
| rs112748008 | 17 | 44126950 | t | c | -5.73 | 9.87E-09 | 1 | 0.001 | 0.353 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.97 | 6 | 4 |
| rs60120913 | 17 | 44117755 | c | g | 5.73 | 9.87E-09 | 1 | 0.001 | 0.352 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.03 | 4 | 5 |
| rs62061727 | 17 | 44017124 | t | g | -5.73 | 9.87E-09 | 1 | 0.001 | 0.355 | rs62062288 | 9 | MAPT | 0 | intronic | 6.75 | 5 | 5 |
| rs62063298 | 17 | 44048323 | t | g | -5.73 | 9.87E-09 | 1 | 0.001 | 0.356 | rs62062288 | 9 | MAPT | 0 | intronic | 5.21 | 5 | 4 |
| rs55780786 | 17 | 44209875 | t | c | 5.73 | 9.87E-09 | 1 | 0.001 | 0.357 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.44 | 7 | 4 |
| rs113982577 | 17 | 44010681 | a | g | 5.73 | 9.88E-09 | 1 | 0.001 | 0.358 | rs62062288 | 9 | MAPT | 0 | intronic | 1.74 | 7 | 1 |
| rs111447859 | 17 | 43987184 | t | c | 5.73 | 9.88E-09 | 1 | 0.001 | 0.359 | rs62062288 | 9 | MAPT | 0 | RNA_intron | 1.04 | 7 | 5 |
| rs62064688 | 17 | 44020281 | a | g | -5.73 | 9.89E-09 | 1 | 0.001 | 0.360 | rs62062288 | 9 | MAPT | 0 | intronic | 1.24 | 6 | 4 |
| rs62063271 | 17 | 44036047 | a | g | -5.73 | 9.90E-09 | 1 | 0.001 | 0.361 | rs62062288 | 9 | MAPT | 0 | intronic | 1.28 | 5 | 5 |
| rs7350980 | 17 | 44110271 | a | g | -5.73 | 9.91E-09 | 1 | 0.001 | 0.362 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.12 | 6 | 3 |
| rs28418608 | 17 | 44021218 | t | c | -5.73 | 9.93E-09 | 1 | 0.001 | 0.363 | rs62062288 | 9 | MAPT | 0 | intronic | 4.10 | 5 | 4 |
| rs62061730 | 17 | 44017342 | a | g | 5.73 | 9.93E-09 | 1 | 0.001 | 0.364 | rs62062288 | 9 | MAPT | 0 | intronic | 7.59 | 5 | 5 |
| rs12150104 | 17 | 44015929 | a | g | -5.73 | 9.93E-09 | 1 | 0.001 | 0.365 | rs62062288 | 9 | MAPT | 0 | intronic | 2.75 | 1f | 5 |
| rs62061847 | 17 | 44191682 | a | g | -5.73 | 9.94E-09 | 1 | 0.001 | 0.366 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.29 | 5 | 5 |
| rs4597358 | 17 | 44110670 | c | g | 5.73 | 9.95E-09 | 1 | 0.001 | 0.367 | rs62062288 | 9 | KANSL1 | 0 | intronic | 5.10 | 1f | 3 |
| rs62061853 | 17 | 44196125 | t | c | 5.73 | 9.95E-09 | 1 | 0.001 | 0.368 | rs62062288 | 9 | KANSL1 | 0 | intronic | 6.20 | 5 | 2 |
| rs17660132 | 17 | 44165803 | t | c | 5.73 | 9.95E-09 | 1 | 0.001 | 0.369 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.50 | 1f | 5 |
| rs15777313 | 17 | 44014384 | a | g | 5.73 | 9.96E-09 | 1 | 0.001 | 0.370 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.22 | 1f | 4 |
| rs12150576 | 17 | 44015624 | a | g | -5.73 | 9.97E-09 | 1 | 0.001 | 0.372 | rs62062288 | 9 | MAPT | 0 | intronic | 3.64 | 6 | 5 |
| rs727425 | 17 | 44195495 | a | g | -5.73 | 9.97E-09 | 1 | 0.001 | 0.371 | rs62062288 | 9 | KANSL1 | 0 | intronic | 5.35 | 2 | 2 |
| rs3087534 | 17 | 44198806 | t | c | 5.73 | 9.99E-09 | 1 | 0.001 | 0.373 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.90 | 2a | 2 |
| rs10514901 | 17 | 44194375 | t | g | -5.73 | 9.99E-09 | 1 | 0.001 | 0.374 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.11 | 1f | 5 |
| rs17564020 | 17 | 43991781 | t | g | -5.73 | 9.99E-09 | 1 | 0.001 | 0.375 | rs62062288 | 9 | MAPT | 0 | intronic | 3.04 | 1b | 2 |
| rs4383188 | 17 | 44017603 | a | g | -5.73 | 9.99E-09 | 1 | 0.001 | 0.376 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.73 | 1f | 2 |
| rs7924424 | 17 | 44012915 | t | c | 5.73 | 1.00E-08 | 1 | 0.001 | 0.377 | rs62062288 | 9 | MAPT | 0 | intronic | 0.76 | 4 | 4 |
| rs79923708 | 17 | 44183790 | a | g | -5.73 | 1.00E-08 | 1 | 0.001 | 0.379 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.32 | 7 | 4 |
| rs62063668 | 17 | 44122484 | t | c | -5.73 | 1.00E-08 | 1 | 0.001 | 0.380 | rs62062288 | 9 | KANSL1 | 0 | intronic | 4.11 | 4 | 4 |
| rs17564223 | 17 | 43997250 | t | c | -5.73 | 1.00E-08 | 1 | 0.001 | 0.382 | rs62062288 | 9 | MAPT | 0 | intronic | 3.90 | 1f | 2 |
| rs62061726 | 17 | 44024341 | a | g | -5.73 | 1.00E-08 | 1 | 0.001 | 0.381 | rs62062288 | 9 | MAPT | 0 | intronic | 0.84 | 7 | 5 |
| rs74348226 | 17 | 44165855 | a | g | 5.73 | 1.00E-08 | 1 | 0.001 | 0.383 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.81 | 7 | 5 |
| rs10514888 | 17 | 44119636 | a | g | 5.73 | 1.00E-08 | 1 | 0.001 | 0.384 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.72 | 6 | 4 |
| rs62056848 | 17 | 43992456 | a | g | -5.73 | 1.01E-08 | 1 | 0.001 | 0.387 | rs62062288 | 9 | MAPT | 0 | intronic | 10.15 | 5 | 4 |
| rs62056849 | 17 | 43992463 | c | g | -5.73 | 1.01E-08 | 1 | 0.001 | 0.386 | rs62062288 | 9 | MAPT | 0 | intronic | 9.55 | 2b | 4 |
| rs62062781 | 17 | 44022632 | a | g | -5.73 | 1.01E-08 | 1 | 0.001 | 0.388 | rs62062288 | 9 | MAPT | 0 | intronic | 2.41 | 5 | 5 |
| rs62063262 | 17 | 44030243 | a | g | -5.73 | 1.01E-08 | 1 | 0.001 | 0.385 | rs62062288 | 9 | MAPT | 0 | intronic | 1.05 | 7 | 5 |
| rs41390444 | 17 | 44121469 | t | c | -5.73 | 1.01E-08 | 1 | 0.001 | 0.389 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.69 | 2 | 2 |
| rs79252344 | 17 | 44120608 | a | g | 5.73 | 1.01E-08 | 1 | 0.001 | 0.391 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.22 | 6 | 4 |
| rs17575423 | 17 | 44129253 | t | c | 5.73 | 1.01E-08 | 1 | 0.001 | 0.390 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.95 | 1f | 4 |
| rs62063680 | 17 | 44131559 | a | c | -5.73 | 1.01E-08 | 1 | 0.001 | 0.392 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.29 | 5 | 4 |
| rs55874169 | 17 | 44014384 | a | g | -5.73 | 1.01E-08 | 1 | 0.001 | 0.393 | rs62062288 | 9 | MAPT | 0 | intronic | 0.29 | 4 | 4 |
| rs12150242 | 17 | 44015819 | a | g | 5.73 | 1.01E-08 | 1 | 0.001 | 0.394 | rs62062288 | 9 | MAPT | 0 | intronic | 6.59 | 5 | 4 |
| rs62063854 | 17 | 44074619 | a | g | -5.73 | 1.01E-08 | 1 | 0.001 | 0.395 | rs62062288 | 9 | MAPT | 0 | intronic | 6.31 | 5 | 4 |
| rs17650771 | 17 | 44035367 | a | g | 5.73 | 1.01E-08 | 1 | 0.001 | 0.396 | rs62062288 | 9 | MAPT | 0 | intronic | 2.62 | 1f | 5 |
| rs17573907 | 17 | 44009802 | t | c | -5.73 | 1.01E-08 | 1 | 0.001 | 0.397 | rs62062288 | 9 | MAPT | 0 | intronic | 1.04 | 7 | 4 |
| rs17564619 | 17 | 44002138 | a | g | 5.73 | 1.01E-08 | 1 | 0.001 | 0.400 | rs62062288 | 9 | MAPT | 0 | intronic | 3.19 | 1f | 2 |
| rs62063275 | 17 | 44035289 | t | g | -5.73 | 1.02E-08 | 1 | 0.001 | 0.398 | rs62062288 | 9 | MAPT | 0 | intronic | 1.98 | 7 | 5 |
| rs55893711 | 17 | 44119320 | t | c | -5.73 | 1.01E-08 | 1 | 0.001 | 0.399 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.82 | 7 | 5 |
| rs17571857 | 17 | 44035706 | a | g | 5.73 | 1.01E-08 | 1 | 0.001 | 0.402 | rs62062288 | 9 | MAPT | 0 | intronic | 10.21 | 1f | 5 |
| rs41374248 | 17 | 44120442 | a | g | 5.73 | 1.01E-08 | 1 | 0.001 | 0.401 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.80 | 5 | 4 |
| rs112916880 | 17 | 44039129 | t | c | -5.73 | 1.01E-08 | 1 | 0.001 | 0.403 | rs62062288 | 9 | MAPT | 0 | intronic | 0.49 | 5 | 4 |
| rs17652066 | 17 | 44024145 | c | g | -5.73 | 1.02E-08 | 1 | 0.001 | 0.404 | rs62062288 | 9 | MAPT | 0 | intronic | 1.22 | 5 | 4 |
| rs17650417 | 17 | 44013103 | a | g | -5.73 | 1.02E-08 | 1 | 0.001 | 0.405 | rs62062288 | 9 | MAPT | 0 | intronic | 3.68 | 1f | 1 |
| rs62064684 | 17 | 44081462 | t | c | 5.73 | 1.02E-08 | 1 | 0.001 | 0.406 | rs62062288 | 9 | MAPT | 0 | intronic | 1.12 | 4 | 2 |
| rs12150447 | 17 | 44128125 | a | c | 5.73 | 1.02E-08 | 1 | 0.001 | 0.407 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.23 | 1f | 4 |
| rs62056859 | 17 | 43994435 | a | g | 5.73 | 1.02E-08 | 1 | 0.001 | 0.408 | rs62062288 | 9 | MAPT | 0 | intronic | 4.50 | 5 | 4 |
| rs2316952 | 17 | 4399190 | c | g | -5.73 | 1.02E-08 | 1 | 0.001 | 0.409 | rs62062288 | 9 | KANSL1 | 0 | intronic | 6.07 | 4 | 4 |
| rs733966 | 17 | 44039663 | t | c | -5.73 | 1.02E-08 | 1 | 0.001 | 0.410 | rs62062288 | 9 | MAPT | 0 | intronic | 7.56 | 2 | 2 |
| rs62056851 | 17 | 43992806 | a | g | -5.73 | 1.02E-08 | 1 | 0.001 | 0.411 | rs62062288 | 9 | MAPT | 0 | intronic | 4.03 | 4 | 4 |
| rs79346219 | 17 | 44184375 | a | g | 5.73 | 1.02E-08 | 1 | 0.001 | 0.412 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.81 | 5 | 2 |
| rs55788678 | 17 | 43992233 | t | c | -5.73 | 1.02E-08 | 1 | 0.001 | 0.418 | | | | | | | | |

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|-------------|----|----------|---|---|-------|----------|---|-------|-------|------------|---|-------------------|---|------------|-------|----|---|
| rs62061729 | 17 | 44017283 | a | g | 5.73 | 1.03E-08 | 1 | 0.001 | 0.471 | rs62062288 | 9 | MAPT | 0 | intronic | 0.46 | 5 | 5 |
| rs111853996 | 17 | 44130878 | a | g | 5.73 | 1.03E-08 | 1 | 0.001 | 0.468 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.44 | 6 | 4 |
| rs112674766 | 17 | 44130924 | a | t | 5.73 | 1.03E-08 | 1 | 0.001 | 0.472 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.33 | 6 | 4 |
| rs62063863 | 17 | 44131717 | a | g | -5.73 | 1.03E-08 | 1 | 0.001 | 0.469 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.87 | 7 | 4 |
| rs62060794 | 17 | 44142566 | t | c | -5.73 | 1.03E-08 | 1 | 0.001 | 0.473 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.54 | 5 | 4 |
| rs2316955 | 17 | 44161985 | t | g | 5.73 | 1.03E-08 | 1 | 0.001 | 0.470 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.96 | 6 | 4 |
| rs55685451 | 17 | 44001957 | t | g | 5.73 | 1.03E-08 | 1 | 0.001 | 0.476 | rs62062288 | 9 | MAPT | 0 | intronic | 7.39 | 5 | 2 |
| rs11756481 | 17 | 44002062 | a | c | 5.73 | 1.03E-08 | 1 | 0.001 | 0.480 | rs62062288 | 9 | MAPT | 0 | intronic | 0.07 | 5 | 2 |
| rs76302353 | 17 | 44002969 | a | c | 5.73 | 1.03E-08 | 1 | 0.001 | 0.479 | rs62062288 | 9 | MAPT | 0 | intronic | 0.11 | 4 | 5 |
| rs55788597 | 17 | 44003397 | a | t | -5.73 | 1.03E-08 | 1 | 0.001 | 0.475 | rs62062288 | 9 | MAPT | 0 | intronic | 7.38 | 7 | 5 |
| rs56197117 | 17 | 44003446 | a | g | 5.73 | 1.03E-08 | 1 | 0.001 | 0.477 | rs62062288 | 9 | MAPT | 0 | intronic | 0.12 | 6 | 5 |
| rs56249311 | 17 | 44003599 | t | c | -5.73 | 1.03E-08 | 1 | 0.001 | 0.478 | rs62062288 | 9 | MAPT | 0 | intronic | 1.30 | 6 | 5 |
| rs62059004 | 17 | 44003893 | a | g | 5.73 | 1.03E-08 | 1 | 0.001 | 0.474 | rs62062288 | 9 | MAPT | 0 | intronic | 6.22 | 7 | 5 |
| rs62059003 | 17 | 44002451 | t | c | -5.73 | 1.04E-08 | 1 | 0.001 | 0.468 | rs62062288 | 9 | MAPT | 0 | intronic | 9.85 | 7 | 5 |
| rs17564703 | 17 | 44002452 | a | c | -5.73 | 1.04E-08 | 1 | 0.001 | 0.491 | rs62062288 | 9 | MAPT | 0 | intronic | 0.37 | 5 | 5 |
| rs77875796 | 17 | 44051612 | a | g | 5.73 | 1.04E-08 | 1 | 0.001 | 0.482 | rs62062288 | 9 | MAPT | 0 | UTR5 | 8.58 | 4 | 2 |
| rs79649865 | 17 | 44130587 | t | g | 5.73 | 1.04E-08 | 1 | 0.001 | 0.489 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.94 | 7 | 4 |
| rs62060764 | 17 | 44133633 | a | g | 5.73 | 1.04E-08 | 1 | 0.001 | 0.483 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.37 | 7 | 4 |
| rs62060765 | 17 | 44133648 | a | c | 5.73 | 1.04E-08 | 1 | 0.001 | 0.487 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.23 | 7 | 4 |
| rs17575507 | 17 | 44134095 | a | g | 5.73 | 1.04E-08 | 1 | 0.001 | 0.481 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.67 | 11 | 2 |
| rs876944 | 17 | 44134391 | t | g | -5.73 | 1.04E-08 | 1 | 0.001 | 0.485 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.84 | 1f | 2 |
| rs62060767 | 17 | 44134910 | a | g | -5.73 | 1.04E-08 | 1 | 0.001 | 0.492 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.69 | 4 | 2 |
| rs62060769 | 17 | 44135026 | c | g | -5.73 | 1.04E-08 | 1 | 0.001 | 0.484 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.77 | 5 | 2 |
| rs1107820 | 17 | 44135359 | t | c | 5.73 | 1.04E-08 | 1 | 0.001 | 0.490 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.31 | 7 | 2 |
| rs62060795 | 17 | 44142063 | t | c | -5.73 | 1.04E-08 | 1 | 0.001 | 0.486 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.44 | 5 | 4 |
| rs75046472 | 17 | 43987499 | a | t | 5.73 | 1.04E-08 | 1 | 0.001 | 0.493 | rs62062288 | 9 | MAPT | 0 | intronic | 0.98 | 5 | 2 |
| rs62059964 | 17 | 43999406 | a | g | 5.73 | 1.04E-08 | 1 | 0.001 | 0.495 | rs62062288 | 9 | MAPT | 0 | intronic | 2.31 | 5 | 4 |
| rs17650063 | 17 | 44002555 | a | g | 5.73 | 1.04E-08 | 1 | 0.001 | 0.497 | rs62062288 | 9 | MAPT | 0 | intronic | 1.71 | 1f | 5 |
| rs79115768 | 17 | 44021061 | t | c | -5.73 | 1.04E-08 | 1 | 0.001 | 0.493 | rs62062288 | 9 | MAPT | 0 | intronic | 4.67 | 7 | 2 |
| rs17575773 | 17 | 44142879 | t | c | -5.73 | 1.04E-08 | 1 | 0.001 | 0.494 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.12 | 6 | 4 |
| rs62061852 | 17 | 44195424 | a | c | 5.73 | 1.04E-08 | 1 | 0.001 | 0.496 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.20 | 2b | 2 |
| rs62056812 | 17 | 43987154 | a | g | -5.73 | 1.04E-08 | 1 | 0.001 | 0.504 | rs62062288 | 9 | MAPTRP11-69E1.4.4 | 0 | RNA_intron | 0.71 | 7 | 5 |
| rs767059 | 17 | 43999100 | c | g | -5.73 | 1.04E-08 | 1 | 0.001 | 0.499 | rs62062288 | 9 | MAPT | 0 | intronic | 0.10 | 1f | 4 |
| rs56002706 | 17 | 44000505 | t | c | -5.73 | 1.04E-08 | 1 | 0.001 | 0.502 | rs62062288 | 9 | MAPT | 0 | intronic | 0.69 | 5 | 2 |
| rs17649866 | 17 | 44000914 | t | c | -5.73 | 1.04E-08 | 1 | 0.001 | 0.508 | rs62062288 | 9 | MAPT | 0 | intronic | 0.51 | 1f | 2 |
| rs17564463 | 17 | 44001379 | t | c | -5.73 | 1.04E-08 | 1 | 0.001 | 0.501 | rs62062288 | 9 | MAPT | 0 | intronic | 10.48 | 1f | 2 |
| rs17649918 | 17 | 44001821 | a | g | 5.73 | 1.04E-08 | 1 | 0.001 | 0.506 | rs62062288 | 9 | MAPT | 0 | intronic | 4.39 | 1f | 2 |
| rs17649954 | 17 | 44001661 | a | g | 5.73 | 1.04E-08 | 1 | 0.001 | 0.507 | rs62062288 | 9 | MAPT | 0 | intronic | 0.81 | 1f | 2 |
| rs2316782 | 17 | 44010040 | a | g | 5.73 | 1.04E-08 | 1 | 0.001 | 0.505 | rs62062288 | 9 | MAPT | 0 | intronic | 11.62 | 6 | 5 |
| rs62063851 | 17 | 44074435 | c | g | 5.73 | 1.04E-08 | 1 | 0.001 | 0.503 | rs62062288 | 9 | MAPT | 0 | intronic | 5.34 | 5 | 4 |
| rs113788190 | 17 | 44161302 | a | g | 5.73 | 1.04E-08 | 1 | 0.001 | 0.500 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.41 | 6 | 4 |
| rs112349020 | 17 | 44161361 | a | t | 5.73 | 1.04E-08 | 1 | 0.001 | 0.507 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.31 | 6 | 4 |
| rs8078495 | 17 | 44000610 | t | c | -5.72 | 1.04E-08 | 1 | 0.001 | 0.512 | rs62062288 | 9 | MAPT | 0 | intronic | 0.03 | 1f | 5 |
| rs4255816 | 17 | 44010364 | c | g | 5.72 | 1.04E-08 | 1 | 0.001 | 0.514 | rs62062288 | 9 | MAPT | 0 | intronic | 1.05 | 6 | 5 |
| rs62062774 | 17 | 44021463 | t | c | 5.72 | 1.04E-08 | 1 | 0.001 | 0.515 | rs62062288 | 9 | MAPT | 0 | intronic | 2.93 | 4 | 4 |
| rs62060797 | 17 | 44143344 | a | g | -5.72 | 1.04E-08 | 1 | 0.001 | 0.511 | rs62062288 | 9 | KANSL1 | 0 | intronic | 4.23 | 6 | 4 |
| rs12150344 | 17 | 44143484 | a | g | -5.72 | 1.04E-08 | 1 | 0.001 | 0.510 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.76 | 7 | 4 |
| rs62060858 | 17 | 44164099 | a | g | -5.73 | 1.04E-08 | 1 | 0.001 | 0.513 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.51 | 4 | 4 |
| rs62059965 | 17 | 43999529 | c | g | -5.72 | 1.04E-08 | 1 | 0.001 | 0.519 | rs62062288 | 9 | MAPT | 0 | intronic | 0.28 | 7 | 4 |
| rs1967981 | 17 | 43999785 | c | g | 5.72 | 1.04E-08 | 1 | 0.001 | 0.518 | rs62062288 | 9 | MAPT | 0 | intronic | 1.62 | 7 | 4 |
| rs1476127 | 17 | 43999793 | a | g | -5.72 | 1.04E-08 | 1 | 0.001 | 0.516 | rs62062288 | 9 | MAPT | 0 | intronic | 4.47 | 5 | 4 |
| rs8079501 | 17 | 44000234 | a | t | 5.72 | 1.04E-08 | 1 | 0.001 | 0.521 | rs62062288 | 9 | MAPT | 0 | intronic | 1.96 | 1f | 4 |
| rs62060798 | 17 | 44161451 | t | c | -5.72 | 1.04E-08 | 1 | 0.001 | 0.517 | rs62062288 | 9 | KANSL1 | 0 | intronic | 6.05 | 6 | 3 |
| rs17660294 | 17 | 44167101 | t | c | -5.72 | 1.04E-08 | 1 | 0.001 | 0.520 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.13 | 1f | 4 |
| rs62059968 | 17 | 44001228 | a | g | -5.72 | 1.04E-08 | 1 | 0.001 | 0.523 | rs62062288 | 9 | MAPT | 0 | intronic | 4.08 | 4 | 2 |
| rs62060793 | 17 | 44142427 | a | g | 5.72 | 1.04E-08 | 1 | 0.001 | 0.525 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.17 | 7 | 4 |
| rs62061766 | 17 | 44167484 | a | g | -5.72 | 1.04E-08 | 1 | 0.001 | 0.522 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.88 | 6 | 4 |
| rs62061768 | 17 | 44168759 | a | g | -5.72 | 1.04E-08 | 1 | 0.001 | 0.524 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.81 | 7 | 4 |
| rs17502888 | 17 | 43986992 | c | g | 5.72 | 1.04E-08 | 1 | 0.001 | 0.528 | rs62062288 | 9 | MAPTRP11-69E1.4.4 | 0 | RNA_intron | 4.81 | 7 | 5 |
| rs62063276 | 17 | 44036408 | t | g | 5.72 | 1.04E-08 | 1 | 0.001 | 0.527 | rs62062288 | 9 | MAPT | 0 | intronic | 0.78 | 6 | 5 |
| rs77184207 | 17 | 44142332 | t | g | 5.72 | 1.04E-08 | 1 | 0.001 | 0.529 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0 | | |
| rs79923630 | 17 | 44167860 | t | g | -5.72 | 1.04E-08 | 1 | 0.001 | 0.526 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.71 | 7 | 4 |
| rs62061767 | 17 | 44167729 | a | g | 5.72 | 1.04E-08 | 1 | 0.001 | 0.530 | rs62062288 | 9 | KANSL1 | 0 | intronic | 5.42 | 7 | 4 |
| rs62059007 | 17 | 44050561 | a | g | 5.72 | 1.04E-08 | 1 | 0.001 | 0.536 | rs62062288 | 9 | MAPT | 0 | intronic | 3.80 | 5 | 5 |
| rs1078222 | 17 | 44100769 | c | g | 5.72 | 1.04E-08 | 1 | 0.001 | 0.535 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.46 | 1f | 3 |
| rs62060850 | 17 | 44157982 | a | t | 5.72 | 1.04E-08 | 1 | 0.001 | 0.531 | rs62062288 | 9 | KANSL1 | 0 | intronic | 5.54 | 7 | 4 |
| rs62060853 | 17 | 44160592 | a | g | -5.72 | 1.04E-08 | 1 | 0.001 | 0.533 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.75 | 7 | 2 |
| rs17660071 | 17 | 44160674 | c | g | -5.72 | 1.04E-08 | 1 | 0.001 | 0.534 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.19 | 6 | 4 |
| rs5582232 | 17 | 44164323 | a | g | -5.72 | 1.04E-08 | 1 | 0.001 | 0.532 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.31 | 7 | 4 |
| rs17649641 | 17 | 44009372 | t | c | -5.72 | 1.04E-08 | 1 | 0.001 | 0.538 | rs62062288 | 9 | MAPT | 0 | intronic | 0.78 | 1f | 2 |
| rs62061709 | 17 | 44007493 | t | c | -5.72 | 1.04E-08 | 1 | 0.001 | 0.539 | rs62062288 | 9 | MAPT | 0 | intronic | 0.49 | 7 | 5 |
| rs3912060 | 17 | 44165435 | t | c | -5.72 | 1.04E-08 | 1 | 0.001 | 0.540 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.56 | 4 | 4 |
| rs62063201 | 17 | 44207360 | t | c | -5.72 | 1.04E-08 | 1 | 0.001 | 0.537 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0 | | |
| rs17564780 | 17 | 44005413 | a | g | 5.72 | 1.05E-08 | 1 | 0.001 | 0.543 | rs62062288 | 9 | MAPT | 0 | intronic | 1.12 | 1f | 5 |
| rs62059008 | 17 | 44055008 | a | g | 5.72 | 1.05E-08 | 1 | 0.001 | 0.548 | rs62062288 | 9 | MAPT | 0 | intronic | 0.96 | 7 | 5 |
| rs62061705 | 17 | 44006252 | t | c | -5.72 | 1.05E-08 | 1 | 0.001 | 0.549 | rs62062288 | 9 | MAPT | 0 | intronic | 0.59 | 7 | 5 |
| rs17564829 | 17 | 44006601 | t | c | 5.72 | 1.05E-08 | 1 | 0.001 | 0.541 | rs62062288 | 9 | MAPT | 0 | intronic | 3.95 | 7 | 5 |
| rs17650258 | 17 | 44011073 | a | g | -5.72 | 1.05E-08 | 1 | 0. | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|-------------|----|----------|---|---|-------|----------|---|-------|-------|------------|---|--------------------|---|-----------|-------|----|---|
| rs55780945 | 17 | 44040120 | t | c | -5.72 | 1.06E-08 | 1 | 0.001 | 0.598 | rs62062288 | 9 | MAPT | 0 | intronic | 1.59 | 7 | 4 |
| rs17650818 | 17 | 44036787 | t | c | 5.72 | 1.06E-08 | 1 | 0.001 | 0.599 | rs62062288 | 9 | MAPT | 0 | intronic | 1.26 | 1f | 5 |
| rs11259120 | 17 | 44133534 | t | c | -5.72 | 1.06E-08 | 1 | 0.001 | 0.600 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.54 | 7 | 4 |
| rs17576200 | 17 | 44159988 | a | g | -5.72 | 1.06E-08 | 1 | 0.001 | 0.601 | rs62062288 | 9 | KANSL1 | 0 | intronic | 6.02 | 5 | 3 |
| rs17563986 | 17 | 43991272 | a | g | 5.72 | 1.06E-08 | 1 | 0.001 | 0.602 | rs62062288 | 9 | MAPT | 0 | intronic | 2.36 | 1f | 4 |
| rs62060852 | 17 | 44160050 | a | g | -5.72 | 1.06E-08 | 1 | 0.001 | 0.603 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.36 | 5 | 2 |
| rs75546272 | 17 | 44130668 | a | t | -5.72 | 1.06E-08 | 1 | 0.001 | 0.604 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | |
| rs62062274 | 17 | 44093319 | a | g | -5.72 | 1.06E-08 | 1 | 0.001 | 0.605 | rs62062288 | 9 | MAPT | 0 | intronic | 4.29 | 5 | 1 |
| rs62062780 | 17 | 44022593 | t | c | -5.72 | 1.07E-08 | 1 | 0.001 | 0.606 | rs62062288 | 9 | MAPT | 0 | intronic | 2.23 | 6 | 4 |
| rs17661428 | 17 | 44208144 | c | g | 5.72 | 1.07E-08 | 1 | 0.001 | 0.607 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.18 | 1f | 2 |
| rs62063777 | 17 | 44053171 | a | g | 5.72 | 1.07E-08 | 1 | 0.001 | 0.609 | rs62062288 | 9 | MAPT | 0 | UTR5 | 1.62 | 5 | 4 |
| rs12185243 | 17 | 44115351 | t | c | 5.72 | 1.07E-08 | 1 | 0.001 | 0.608 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.73 | 1f | 4 |
| rs112647192 | 17 | 43994623 | a | g | -5.72 | 1.07E-08 | 1 | 0.001 | 0.614 | rs62062288 | 9 | MAPT | 0 | intronic | 0.04 | 4 | 4 |
| rs17653193 | 17 | 44112441 | a | g | -5.72 | 1.07E-08 | 1 | 0.001 | 0.611 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.55 | 1b | 4 |
| rs17653211 | 17 | 44072635 | t | c | 5.72 | 1.07E-08 | 1 | 0.001 | 0.612 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.83 | 1b | 4 |
| rs4608377 | 17 | 44113359 | t | c | 5.72 | 1.07E-08 | 1 | 0.001 | 0.616 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.83 | 6 | 4 |
| rs12185225 | 17 | 44113491 | t | c | 5.72 | 1.07E-08 | 1 | 0.001 | 0.610 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.74 | 7 | 4 |
| rs12150438 | 17 | 44113963 | t | c | -5.72 | 1.07E-08 | 1 | 0.001 | 0.613 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.99 | 5 | 4 |
| rs62062134 | 17 | 44114432 | a | c | 5.72 | 1.07E-08 | 1 | 0.001 | 0.615 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.20 | 5 | 4 |
| rs112415880 | 17 | 44022868 | a | g | -5.72 | 1.07E-08 | 1 | 0.001 | 0.622 | rs62062288 | 9 | MAPT | 0 | intronic | 1.15 | 6 | 4 |
| rs62062289 | 17 | 44097235 | c | g | -5.72 | 1.07E-08 | 1 | 0.001 | 0.619 | rs62062288 | 9 | MAPT | 0 | intronic | 1.13 | 6 | 4 |
| rs36076725 | 17 | 44110532 | a | g | -5.72 | 1.07E-08 | 1 | 0.001 | 0.617 | rs62062288 | 9 | KANSL1 | 0 | exonic | 10.81 | 3 | 3 |
| rs35833914 | 17 | 44110541 | a | g | -5.72 | 1.07E-08 | 1 | 0.001 | 0.620 | rs62062288 | 9 | KANSL1 | 0 | exonic | 4.24 | 3 | 3 |
| rs62062321 | 17 | 44111109 | a | g | 5.72 | 1.07E-08 | 1 | 0.001 | 0.623 | rs62062288 | 9 | KANSL1 | 0 | intronic | 10.35 | 3a | 4 |
| rs175749013 | 17 | 44074613 | a | g | 5.72 | 1.07E-08 | 1 | 0.001 | 0.618 | rs62062288 | 9 | KANSL1 | 0 | exonic | 2.66 | 6 | 4 |
| rs17574824 | 17 | 44115107 | t | c | -5.72 | 1.07E-08 | 1 | 0.001 | 0.621 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.04 | 1f | 4 |
| rs74829364 | 17 | 44084533 | t | c | 5.72 | 1.07E-08 | 1 | 0.001 | 0.624 | rs62062288 | 9 | MAPT | 0 | intronic | 5.73 | 5 | 5 |
| rs62064669 | 17 | 44084676 | t | c | -5.72 | 1.07E-08 | 1 | 0.001 | 0.625 | rs62062288 | 9 | MAPT | 0 | intronic | 0.94 | 7 | 5 |
| rs2158257 | 17 | 44104343 | a | c | 5.72 | 1.07E-08 | 1 | 0.001 | 0.627 | rs62062288 | 9 | MAPT | 0 | UTR3 | 2.05 | 4 | 4 |
| rs17652961 | 17 | 44108355 | a | g | -5.72 | 1.07E-08 | 1 | 0.001 | 0.626 | rs62062288 | 9 | KANSL1 | 0 | UTR3 | 0.18 | 1f | 3 |
| rs73209880 | 17 | 43985662 | t | c | 5.72 | 1.07E-08 | 1 | 0.001 | 0.628 | rs62062288 | 9 | MAPT,RP11-669E14.4 | 0 | rRNA_exor | 1.31 | 5 | 2 |
| rs62061719 | 17 | 44012989 | t | c | -5.72 | 1.07E-08 | 1 | 0.001 | 0.630 | rs62062288 | 9 | MAPT | 0 | intronic | 3.22 | 5 | 1 |
| rs17650381 | 17 | 44013024 | t | c | 5.72 | 1.07E-08 | 1 | 0.001 | 0.631 | rs62062288 | 9 | MAPT | 0 | intronic | 2.64 | 6 | 1 |
| rs17573245 | 17 | 44072854 | t | c | 5.72 | 1.07E-08 | 1 | 0.001 | 0.629 | rs62062288 | 9 | MAPT | 0 | intronic | 2.72 | 5 | 4 |
| rs12150627 | 17 | 44149537 | c | g | 5.72 | 1.07E-08 | 1 | 0.001 | 0.630 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.94 | 5 | 2 |
| rs17652961 | 17 | 43985697 | t | c | -5.72 | 1.07E-08 | 1 | 0.001 | 0.632 | rs62062288 | 9 | MAPT,RP11-669E14.4 | 0 | rRNA_exor | 1.85 | 5 | 2 |
| rs55913645 | 17 | 44070956 | t | c | -5.72 | 1.07E-08 | 1 | 0.001 | 0.633 | rs62062288 | 9 | MAPT | 0 | intronic | 11.15 | 6 | 4 |
| rs62063303 | 17 | 44049133 | t | c | 5.72 | 1.07E-08 | 1 | 0.001 | 0.639 | rs62062288 | 9 | MAPT | 0 | intronic | 1.34 | 4 | 4 |
| rs17573175 | 17 | 44071089 | c | g | 5.72 | 1.07E-08 | 1 | 0.001 | 0.637 | rs62062288 | 9 | MAPT | 0 | intronic | 4.76 | 1f | 4 |
| rs62063845 | 17 | 44071294 | t | c | 5.72 | 1.07E-08 | 1 | 0.001 | 0.634 | rs62062288 | 9 | MAPT | 0 | exonic | 0.03 | 5 | 4 |
| rs5589680 | 17 | 44072041 | a | t | -5.72 | 1.07E-08 | 1 | 0.001 | 0.636 | rs62062288 | 9 | MAPT | 0 | intronic | 5.43 | 6 | 4 |
| rs62062288 | 17 | 44099859 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.640 | rs62062288 | 9 | MAPT | 0 | intronic | 9.25 | 5 | 1 |
| rs111976319 | 17 | 44095335 | a | c | -5.72 | 1.07E-08 | 1 | 0.001 | 0.638 | rs62062288 | 9 | MAPT | 0 | intronic | 4.38 | 7 | 5 |
| rs62063850 | 17 | 43985247 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.641 | rs62062288 | 9 | MAPT,RP11-669E14.4 | 0 | rRNA_exor | 7.57 | 5 | 2 |
| rs17574040 | 17 | 44073739 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.644 | rs62062288 | 9 | MAPT | 0 | intronic | 19.18 | 5 | 4 |
| rs62063851 | 17 | 44102865 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.642 | rs62062288 | 9 | MAPT | 0 | UTR3 | 4.75 | 1f | 4 |
| rs62063861 | 17 | 44113152 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.640 | rs62062288 | 9 | KANSL1 | 0 | intronic | 8.1 | 5 | 4 |
| rs62060810 | 17 | 44148671 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.643 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.04 | 4 | 4 |
| rs62061734 | 17 | 44018488 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.646 | rs62062288 | 9 | MAPT | 0 | intronic | 2.39 | 4 | 2 |
| rs62062792 | 17 | 44025347 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.654 | rs62062288 | 9 | MAPT | 0 | intronic | 6.38 | 6 | 5 |
| rs62062802 | 17 | 44028045 | t | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.649 | rs62062288 | 9 | MAPT | 0 | intronic | 0.28 | 6 | 5 |
| rs74373419 | 17 | 44047609 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.650 | rs62062288 | 9 | MAPT | 0 | intronic | 0.51 | 6 | 4 |
| rs55623247 | 17 | 44025541 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.648 | rs62062288 | 9 | MAPT | 0 | intronic | 1.60 | 2b | 4 |
| rs62064670 | 17 | 44065852 | a | t | -5.72 | 1.08E-08 | 1 | 0.001 | 0.653 | rs62062288 | 9 | MAPT | 0 | intronic | 6.09 | 5 | 5 |
| rs62062269 | 17 | 44091092 | c | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.645 | rs62062288 | 9 | MAPT | 0 | intronic | 1.45 | 3a | 2 |
| rs62062270 | 17 | 44091195 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.651 | rs62062288 | 9 | MAPT | 0 | intronic | 0.79 | 2b | 2 |
| rs1052594 | 17 | 44102889 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.652 | rs62062288 | 9 | MAPT | 0 | UTR3 | 7.03 | 1f | 4 |
| rs62060760 | 17 | 44013287 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.647 | rs62062288 | 9 | KANSL1 | 0 | intronic | 11.04 | 6 | 4 |
| rs5631516 | 17 | 44148269 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.655 | rs62062288 | 9 | KANSL1 | 0 | intronic | 10.24 | 6 | 4 |
| rs79492906 | 17 | 43984864 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.658 | rs62062288 | 9 | MAPT | 0 | intronic | 10.20 | 5 | 4 |
| rs62061713 | 17 | 44010405 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.659 | rs62062288 | 9 | MAPT | 0 | intronic | 1.73 | 5 | 1 |
| rs62063297 | 17 | 44047804 | a | t | 5.72 | 1.08E-08 | 1 | 0.001 | 0.660 | rs62062288 | 9 | MAPT | 0 | intronic | 1.65 | 7 | 4 |
| rs62063846 | 17 | 44071674 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.657 | rs62062288 | 9 | MAPT | 0 | intronic | 1.51 | 2b | 4 |
| rs55739025 | 17 | 44085201 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.659 | rs62062288 | 9 | MAPT | 0 | intronic | 6.86 | 7 | 4 |
| rs17652121 | 17 | 44073973 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.662 | rs62062288 | 9 | MAPT | 0 | exonic | 2.53 | 1f | 4 |
| rs78136862 | 17 | 44085743 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.656 | rs62062288 | 9 | MAPT | 0 | intronic | 0.55 | 7 | 5 |
| rs62062275 | 17 | 44093496 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.663 | rs62062288 | 9 | MAPT | 0 | intronic | 0.08 | 5 | 1 |
| rs1052587 | 17 | 44102604 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.660 | rs62062288 | 9 | MAPT | 0 | UTR3 | 6.78 | 1f | 4 |
| rs62061714 | 17 | 44010452 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.672 | rs62062288 | 9 | MAPT | 0 | intronic | 0.27 | 5 | 1 |
| rs62062791 | 17 | 44025271 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.668 | rs62062288 | 9 | MAPT | 0 | intronic | 8.94 | 5 | 5 |
| rs62062276 | 17 | 44093627 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.668 | rs62062288 | 9 | MAPT | 0 | intronic | 2.76 | 6 | 4 |
| rs62062278 | 17 | 44093860 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.671 | rs62062288 | 9 | MAPT | 0 | intronic | 2.03 | 7 | 5 |
| rs62062281 | 17 | 44094112 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.666 | rs62062288 | 9 | MAPT | 0 | intronic | 1.62 | 7 | 5 |
| rs62062282 | 17 | 44094374 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.664 | rs62062288 | 9 | MAPT | 0 | intronic | 3.79 | 5 | 5 |
| rs2316948 | 17 | 44159466 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.673 | rs62062288 | 9 | MAPT | 0 | intronic | 1.00 | 6 | 5 |
| rs62062283 | 17 | 44095055 | a | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.669 | rs62062288 | 9 | MAPT | 0 | intronic | 12.42 | 6 | 5 |
| rs1117253 | 17 | 44149297 | a | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.670 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.22 | 1f | 4 |
| rs62056803 | 17 | 43982159 | a | g | 5.72 | 1.0 | | | | | | | | | | | |

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|-------------|----|----------|---|---|-------|----------|---|-------|-------|------------|---|--------|-----|-----------|-------|----|---|
| rs76357066 | 17 | 44067046 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.723 | rs62062288 | 9 | MAPT | 0 | intronic | 0.39 | 5 | 4 |
| rs79447161 | 17 | 44067508 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.729 | rs62062288 | 9 | MAPT | 0 | intronic | 0.26 | 5 | 4 |
| rs17651754 | 17 | 44067546 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.725 | rs62062288 | 9 | MAPT | 0 | intronic | 4.58 | 11 | 4 |
| rs111625094 | 17 | 44067831 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.722 | rs62062288 | 9 | MAPT | 0 | intronic | 2.84 | 7 | 4 |
| rs75743061 | 17 | 44068112 | c | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.726 | rs62062288 | 9 | MAPT | 0 | intronic | 2.43 | 5 | 4 |
| rs62063795 | 17 | 44068238 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.727 | rs62062288 | 9 | MAPT | 0 | intronic | 0.84 | 4 | 4 |
| rs62063796 | 17 | 44068289 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.717 | rs62062288 | 9 | MAPT | 0 | intronic | 1.40 | 4 | 4 |
| rs62063797 | 17 | 44068294 | c | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.724 | rs62062288 | 9 | MAPT | 0 | intronic | 1.58 | 4 | 4 |
| rs62063798 | 17 | 44068543 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.732 | rs62062288 | 9 | MAPT | 0 | intronic | 1.52 | 3a | 4 |
| rs1052551 | 17 | 44068924 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.731 | rs62062288 | 9 | MAPT | 0 | exonic | 11.46 | 5 | 4 |
| rs62064671 | 17 | 44068100 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.734 | rs62062288 | 9 | MAPT | 0 | intronic | 1.22 | 5 | 5 |
| rs974293 | 17 | 44150233 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.721 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.43 | 2 | 2 |
| rs974291 | 17 | 44150480 | a | t | 5.72 | 1.08E-08 | 1 | 0.001 | 0.719 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.98 | 2b | 2 |
| rs62062292 | 17 | 44098989 | a | t | 5.72 | 1.08E-08 | 1 | 0.001 | 0.738 | rs62062288 | 9 | MAPT | 0 | intronic | 1.13 | 7 | 4 |
| rs77747656 | 17 | 44098927 | c | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.739 | rs62062288 | 9 | MAPT | 0 | intronic | 1.55 | 6 | 4 |
| rs62062297 | 17 | 44101004 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.737 | rs62062288 | 9 | MAPT | 0 | intronic | 1.02 | 6 | 4 |
| rs62063292 | 17 | 44043636 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.746 | rs62062288 | 9 | MAPT | 0 | intronic | 11.59 | 6 | 2 |
| rs62063293 | 17 | 44043819 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.745 | rs62062288 | 9 | MAPT | 0 | intronic | 1.50 | 7 | 2 |
| rs17650973 | 17 | 44044220 | a | t | 5.72 | 1.08E-08 | 1 | 0.001 | 0.742 | rs62062288 | 9 | MAPT | 0 | intronic | 2.09 | 1f | 5 |
| rs75145092 | 17 | 44044923 | a | t | -5.72 | 1.08E-08 | 1 | 0.001 | 0.740 | rs62062288 | 9 | MAPT | 0 | intronic | 2.72 | 5 | 2 |
| rs77513497 | 17 | 44045474 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.743 | rs62062288 | 9 | MAPT | 0 | intronic | 1.85 | 6 | 4 |
| rs75242405 | 17 | 44049329 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.744 | rs62062288 | 9 | MAPT | 0 | intronic | 8.41 | 2b | 2 |
| rs16940799 | 17 | 44102933 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.741 | rs62062288 | 9 | MAPT | 0 | UTR3 | 0.43 | 1f | 4 |
| rs75617973 | 17 | 43983159 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.755 | rs62062288 | 9 | MAPT | 0 | intronic | 2.68 | 5 | 5 |
| rs62063295 | 17 | 44054431 | a | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.753 | rs62062288 | 9 | MAPT | 0 | intronic | 18.79 | 5 | 5 |
| rs17650961 | 17 | 44044508 | a | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.751 | rs62062288 | 9 | MAPT | 0 | intronic | 1.18 | 1f | 5 |
| rs113857334 | 17 | 44044940 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.756 | rs62062288 | 9 | MAPT | 0 | intronic | 1.32 | 5 | 2 |
| rs10445371 | 17 | 44065410 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.747 | rs62062288 | 9 | MAPT | 0 | intronic | 4.26 | 1f | 4 |
| rs919464 | 17 | 44065901 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.757 | rs62062288 | 9 | MAPT | 0 | intronic | 1.14 | 1b | 2 |
| rs113316734 | 17 | 44084157 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.750 | rs62062288 | 9 | MAPT | 0 | intronic | 0.33 | 6 | 4 |
| rs62062296 | 17 | 44100916 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.748 | rs62062288 | 9 | MAPT | 0 | intronic | 0.33 | 6 | 4 |
| rs62063686 | 17 | 44132458 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.754 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.73 | 6 | 5 |
| rs17577447 | 17 | 44194381 | a | t | -5.72 | 1.08E-08 | 1 | 0.001 | 0.753 | rs62062288 | 9 | KANSL1 | 0 | intronic | 10.93 | 1f | 4 |
| rs17577975 | 17 | 44210442 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.749 | rs62062288 | 9 | MAPT | 0 | intronic | 8.30 | 5 | 2 |
| rs62056795 | 17 | 43979041 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.759 | rs62062288 | 9 | MAPT | 0 | intronic | 6.07 | 2a | 5 |
| rs62062786 | 17 | 44027316 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.760 | rs62062288 | 9 | MAPT | 0 | UTR5 | 3.56 | 1f | 3 |
| rs17672261 | 17 | 44052009 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.758 | rs62062288 | 9 | MAPT | 0 | exonic | 9.93 | 1f | 4 |
| rs10445337 | 17 | 44067400 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.759 | rs62062288 | 9 | MAPT | 0 | intronic | 6.33 | 1f | 2 |
| rs17681027 | 17 | 44193097 | a | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.761 | rs62062288 | 9 | KANSL1 | 0 | intronic | 6.33 | 1f | 2 |
| rs112206871 | 17 | 44041817 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.765 | rs62062288 | 9 | MAPT | 0 | intronic | 0.09 | 6 | 4 |
| rs17572248 | 17 | 44048687 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.763 | rs62062288 | 9 | MAPT | 0 | intronic | 11.89 | 1f | 4 |
| rs62062295 | 17 | 44052909 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.767 | rs62062288 | 9 | MAPT | 0 | intronic | 0.72 | 2 | 4 |
| rs55881134 | 17 | 44109248 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.766 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.48 | 5 | 3 |
| rs1476554 | 17 | 44159102 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.764 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.86 | 4 | 4 |
| rs55987700 | 17 | 44181146 | t | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.762 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | |
| rs17649571 | 17 | 43994952 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.769 | rs62062288 | 9 | MAPT | 0 | intronic | 4.08 | 1f | 4 |
| rs1529534 | 17 | 44029340 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.770 | rs62062288 | 9 | MAPT | 0 | intronic | 5.09 | 5 | 4 |
| rs77138434 | 17 | 44159552 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.768 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.58 | 7 | 4 |
| rs111913701 | 17 | 44159631 | t | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.771 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.58 | 7 | 4 |
| rs1467962 | 17 | 43978604 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.773 | rs62062288 | 9 | MAPT | 0 | intronic | 2.20 | 2b | 5 |
| rs1560311 | 17 | 43978625 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.772 | rs62062288 | 9 | MAPT | 0 | intronic | 0.65 | 4 | 5 |
| rs62062294 | 17 | 44100686 | a | t | 5.72 | 1.08E-08 | 1 | 0.001 | 0.774 | rs62062288 | 9 | MAPT | 0 | intronic | 1.42 | 5 | 4 |
| rs974295 | 17 | 44150151 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.779 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.13 | 7 | 4 |
| rs111519055 | 17 | 44159672 | a | t | -5.72 | 1.08E-08 | 1 | 0.001 | 0.777 | rs62062288 | 9 | KANSL1 | 0 | intronic | 5.04 | 5 | 4 |
| rs77925835 | 17 | 44159695 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.776 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.49 | 4 | 4 |
| rs17659953 | 17 | 44159725 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.778 | rs62062288 | 9 | KANSL1 | 0 | intronic | 12.33 | 4 | 4 |
| rs17576165 | 17 | 44159849 | a | t | -5.72 | 1.08E-08 | 1 | 0.001 | 0.775 | rs62062288 | 9 | KANSL1 | 0 | exonic | 7.65 | 5 | 3 |
| rs62056800 | 17 | 43979468 | a | t | -5.72 | 1.08E-08 | 1 | 0.001 | 0.780 | rs62062288 | 9 | MAPT | 0 | intronic | 5.43 | 7 | 5 |
| rs11384264 | 17 | 43979622 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.782 | rs62062288 | 9 | MAPT | 0 | intronic | 7.97 | 5 | 5 |
| rs2099151 | 17 | 43979822 | a | t | 5.72 | 1.08E-08 | 1 | 0.001 | 0.781 | rs62062288 | 9 | MAPT | 0 | intronic | 1.51 | 6 | 5 |
| rs62056804 | 17 | 43982286 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.780 | rs62062288 | 9 | MAPT | 0 | intronic | 2.12 | 5 | 5 |
| rs62056796 | 17 | 43978120 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.785 | rs62062288 | 9 | MAPT | 0 | intronic | 3.72 | 5 | 2 |
| rs1467963 | 17 | 43978934 | t | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.786 | rs62062288 | 9 | MAPT | 0 | intronic | 11.45 | 5 | 5 |
| rs1984937 | 17 | 43982531 | a | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.787 | rs62062288 | 9 | MAPT | 0 | intronic | 0.43 | 2 | 2 |
| rs62056802 | 17 | 43980762 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.783 | rs62062288 | 9 | MAPT | 0 | intronic | 4.76 | 5 | 2 |
| rs62063294 | 17 | 44044157 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.788 | rs62062288 | 9 | MAPT | 0 | intronic | 2.45 | 6 | 5 |
| rs62063853 | 17 | 44074613 | a | g | 5.72 | 1.08E-08 | 1 | 0.001 | 0.784 | rs62062288 | 9 | MAPT | 0 | intronic | 0.51 | 5 | 4 |
| rs17652748 | 17 | 44103816 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.789 | rs62062288 | 9 | MAPT | 0 | UTR3 | 4.54 | 1f | 4 |
| rs17651463 | 17 | 44103861 | a | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.790 | rs62062288 | 9 | MAPT | 0 | intronic | 4.60 | 1f | 4 |
| rs62063793 | 17 | 44050212 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.791 | rs62062288 | 9 | MAPT | 0 | intronic | 8.82 | 4 | 4 |
| rs75534191 | 17 | 44091724 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.793 | rs62062288 | 9 | MAPT | 0 | intronic | 6.76 | 5 | 2 |
| rs17574228 | 17 | 44104509 | t | c | 5.72 | 1.08E-08 | 1 | 0.001 | 0.794 | rs62062288 | 9 | MAPT | 0 | UTR3 | 2.43 | 1f | 4 |
| rs78229689 | 17 | 44106806 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.795 | rs62062288 | 9 | KANSL1 | 475 | Jowntrean | 1.71 | 5 | 4 |
| rs12150561 | 17 | 44159920 | t | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.792 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.33 | 7 | 2 |
| rs11225277 | 17 | 44031958 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.802 | rs62062288 | 9 | MAPT | 0 | intronic | 3.07 | 6 | 5 |
| rs17651134 | 17 | 44050340 | a | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.799 | rs62062288 | 9 | MAPT | 0 | UTR5 | 3.96 | 1f | 4 |
| rs62063306 | 17 | 44050395 | a | c | -5.72 | 1.08E-08 | 1 | 0.001 | 0.809 | rs62062288 | 9 | MAPT | 0 | UTR5 | 3.62 | 5 | 4 |
| rs62063775 | 17 | 44050823 | t | g | -5.72 | 1.08E-08 | 1 | 0.001 | 0.804 | rs62062288 | | | | | | | |

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|-------------|----|----------|---|---|-------|----------|---|-------|-------|------------|---|-------------------|---|------------|-------|----|--|--|---|
| rs62063675 | 17 | 44126575 | t | c | -5.71 | 1.11E-08 | 1 | 0.001 | 0.848 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | | | |
| rs112197756 | 17 | 44154105 | a | g | 5.71 | 1.11E-08 | 1 | 0.001 | 0.852 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.53 | 6 | | | 4 |
| rs73984689 | 17 | 44184404 | a | g | -5.71 | 1.11E-08 | 1 | 0.001 | 0.850 | rs62062288 | 9 | KANSL1 | 0 | intronic | 5.83 | 5 | | | 2 |
| rs62061710 | 17 | 44007727 | t | c | -5.71 | 1.11E-08 | 1 | 0.001 | 0.856 | rs62062288 | 9 | MAPT | 0 | intronic | | | | | |
| rs76154201 | 17 | 44154033 | t | c | 5.71 | 1.11E-08 | 1 | 0.001 | 0.853 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | | | |
| rs75530705 | 17 | 44154048 | t | c | -5.71 | 1.11E-08 | 1 | 0.001 | 0.855 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | | | |
| rs62060845 | 17 | 44154393 | a | g | 5.71 | 1.11E-08 | 1 | 0.001 | 0.853 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.36 | 6 | | | 1 |
| rs62060846 | 17 | 44154441 | a | c | 5.71 | 1.11E-08 | 1 | 0.001 | 0.854 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.49 | 5 | | | 2 |
| rs74431389 | 17 | 44154607 | t | c | 5.71 | 1.11E-08 | 1 | 0.001 | 0.857 | rs62062288 | 9 | KANSL1 | 0 | intronic | 4.42 | 5 | | | 4 |
| rs62056837 | 17 | 43988884 | t | c | 5.71 | 1.11E-08 | 1 | 0.001 | 0.859 | rs62062288 | 9 | MAPT | 0 | intronic | 1.31 | 7 | | | 5 |
| rs62060837 | 17 | 44152760 | t | g | 5.71 | 1.11E-08 | 1 | 0.001 | 0.858 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | | | |
| rs242561 | 17 | 44026548 | t | c | -5.71 | 1.11E-08 | 1 | 0.001 | 0.861 | rs62062288 | 9 | MAPT | 0 | intronic | 14.02 | | | | 1 |
| rs62063304 | 17 | 44049900 | a | g | -5.71 | 1.11E-08 | 1 | 0.001 | 0.860 | rs62062288 | 9 | MAPT | 0 | intronic | 7.36 | 4 | | | 4 |
| rs62234850 | 17 | 44060248 | a | g | -5.71 | 1.11E-08 | 1 | 0.001 | 0.863 | rs62062288 | 9 | MAPT | 0 | intronic | 9.91 | 5 | | | 4 |
| rs62064674 | 17 | 44088772 | a | c | -5.71 | 1.11E-08 | 1 | 0.001 | 0.860 | rs62062288 | 9 | MAPT | 0 | intronic | 1.98 | 6 | | | 4 |
| rs62060847 | 17 | 44154946 | t | c | -5.71 | 1.11E-08 | 1 | 0.001 | 0.865 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.87 | 7 | | | 4 |
| rs56100031 | 17 | 44155157 | t | c | -5.71 | 1.11E-08 | 1 | 0.001 | 0.862 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.77 | 6 | | | 4 |
| rs9944484 | 17 | 43990662 | a | g | -5.71 | 1.11E-08 | 1 | 0.001 | 0.866 | rs62062288 | 9 | MAPT | 0 | intronic | 1.74 | 7 | | | 4 |
| rs62063790 | 17 | 44062915 | t | g | -5.71 | 1.11E-08 | 1 | 0.001 | 0.868 | rs62062288 | 9 | MAPT | 0 | intronic | 6.15 | | | | 4 |
| rs5623513 | 17 | 44176215 | a | g | -5.71 | 1.11E-08 | 1 | 0.001 | 0.867 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | | | |
| rs17571781 | 17 | 44033802 | t | c | 5.71 | 1.11E-08 | 1 | 0.001 | 0.870 | rs62062288 | 9 | MAPT | 0 | intronic | 0.59 | 1d | | | 5 |
| rs77527347 | 17 | 44058017 | t | g | -5.71 | 1.11E-08 | 1 | 0.001 | 0.868 | rs62062288 | 9 | MAPT | 0 | intronic | 0.16 | 5 | | | 5 |
| rs78938131 | 17 | 44157622 | t | c | -5.71 | 1.11E-08 | 1 | 0.001 | 0.869 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.34 | 4 | | | 4 |
| rs62061706 | 17 | 44008896 | t | c | 5.71 | 1.11E-08 | 1 | 0.001 | 0.872 | rs62062288 | 9 | MAPT | 0 | intronic | 0.73 | 4 | | | 5 |
| rs2116954 | 17 | 44159167 | a | g | -5.71 | 1.11E-08 | 1 | 0.001 | 0.871 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | | | |
| rs73723223 | 17 | 44089108 | t | c | 5.71 | 1.11E-08 | 1 | 0.001 | 0.874 | rs62062288 | 9 | MAPT | 0 | intronic | 2.34 | 5 | | | 4 |
| rs62062280 | 17 | 44093993 | t | c | -5.71 | 1.11E-08 | 1 | 0.001 | 0.873 | rs62062288 | 9 | MAPT | 0 | intronic | | | | | |
| rs55907036 | 17 | 44042366 | a | g | -5.71 | 1.12E-08 | 1 | 0.001 | 0.876 | rs62062288 | 9 | MAPT | 0 | intronic | 3.18 | 5 | | | 4 |
| rs12150170 | 17 | 44090646 | a | g | 5.71 | 1.12E-08 | 1 | 0.001 | 0.875 | rs62062288 | 9 | MAPT | 0 | intronic | 2.37 | 1d | | | 2 |
| rs76159289 | 17 | 44098861 | t | g | -5.71 | 1.12E-08 | 1 | 0.001 | 0.877 | rs62062288 | 9 | MAPT | 0 | intronic | | | | | |
| rs62062776 | 17 | 44022043 | t | c | -5.71 | 1.12E-08 | 1 | 0.001 | 0.879 | rs62062288 | 9 | MAPT | 0 | intronic | 2.72 | 5 | | | 4 |
| rs75412750 | 17 | 44172773 | t | c | -5.71 | 1.12E-08 | 1 | 0.001 | 0.878 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.82 | 7 | | | 4 |
| rs56226437 | 17 | 44042361 | t | c | 5.71 | 1.12E-08 | 1 | 0.001 | 0.880 | rs62062288 | 9 | MAPT | 0 | intronic | 1.71 | 5 | | | 4 |
| rs62063786 | 17 | 44061023 | a | g | -5.71 | 1.12E-08 | 1 | 0.001 | 0.881 | rs62062288 | 9 | MAPT | 0 | exonic | 7.65 | 5 | | | 4 |
| rs12150229 | 17 | 44015446 | a | g | -5.71 | 1.13E-08 | 1 | 0.001 | 0.882 | rs62062288 | 9 | MAPT | 0 | intronic | 1.45 | 6 | | | 5 |
| rs1150310 | 17 | 43978534 | a | g | -5.71 | 1.13E-08 | 1 | 0.001 | 0.882 | rs62062288 | 9 | MAPT | 0 | intronic | 69 | 1f | | | 2 |
| rs17652449 | 17 | 44088937 | a | c | -5.71 | 1.13E-08 | 1 | 0.001 | 0.884 | rs62062288 | 9 | MAPT | 0 | intronic | 1.03 | 1f | | | 4 |
| rs17659881 | 17 | 44157597 | a | g | 5.71 | 1.13E-08 | 1 | 0.001 | 0.883 | rs62062288 | 9 | KANSL1 | 0 | intronic | 3.53 | 1d | | | 4 |
| rs79180862 | 17 | 44131798 | t | c | -5.71 | 1.13E-08 | 1 | 0.001 | 0.885 | rs62062288 | 9 | KANSL1 | 0 | intronic | 12.88 | 5 | | | 4 |
| rs754513 | 17 | 44055638 | a | t | -5.71 | 1.13E-08 | 1 | 0.001 | 0.887 | rs62062288 | 9 | MAPT | 0 | UTRS | 7.22 | 3a | | | 4 |
| rs17572627 | 17 | 44058629 | a | t | -5.71 | 1.13E-08 | 1 | 0.001 | 0.886 | rs62062288 | 9 | MAPT | 0 | intronic | 5.97 | 1f | | | 4 |
| rs70703338 | 17 | 44053487 | t | g | -5.71 | 1.13E-08 | 1 | 0.001 | 0.887 | rs62062288 | 9 | MAPT | 0 | intronic | | | | | |
| rs74573628 | 17 | 43982961 | t | c | 5.71 | 1.13E-08 | 1 | 0.001 | 0.889 | rs62062288 | 9 | MAPT | 0 | intronic | 11.37 | 5 | | | 5 |
| rs17571718 | 17 | 44032768 | t | c | 5.71 | 1.13E-08 | 1 | 0.001 | 0.890 | rs62062288 | 9 | MAPT | 0 | intronic | 4.26 | 1f | | | 5 |
| rs3912063 | 17 | 44165049 | a | g | 5.71 | 1.13E-08 | 1 | 0.001 | 0.891 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.38 | 4 | | | 4 |
| rs62056805 | 17 | 43983383 | a | g | -5.71 | 1.14E-08 | 1 | 0.001 | 0.892 | rs62062288 | 9 | MAPT | 0 | intronic | 0.33 | 2b | | | 2 |
| rs12150254 | 17 | 44098455 | t | c | 5.71 | 1.14E-08 | 1 | 0.001 | 0.893 | rs62062288 | 9 | MAPT | 0 | intronic | 0.75 | 2 | | | 2 |
| rs3912062 | 17 | 44165066 | t | c | 5.71 | 1.14E-08 | 1 | 0.001 | 0.894 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.87 | 4 | | | 4 |
| rs77084869 | 17 | 43982903 | a | g | 5.71 | 1.14E-08 | 1 | 0.001 | 0.894 | rs62062288 | 9 | MAPT | 0 | intronic | 2.05 | 6 | | | 5 |
| rs111957446 | 17 | 44179723 | t | c | 5.71 | 1.14E-08 | 1 | 0.001 | 0.895 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | | | |
| rs62062813 | 17 | 44032956 | a | g | -5.71 | 1.14E-08 | 1 | 0.001 | 0.898 | rs62062288 | 9 | MAPT | 0 | intronic | 2.03 | 4 | | | 5 |
| rs76618565 | 17 | 44068481 | a | g | -5.71 | 1.14E-08 | 1 | 0.001 | 0.897 | rs62062288 | 9 | MAPT | 0 | intronic | 1.52 | 4 | | | 4 |
| rs62062283 | 17 | 44012055 | a | g | -5.71 | 1.14E-08 | 1 | 0.001 | 0.896 | rs62062288 | 9 | MAPT | 0 | intronic | 11.66 | 5 | | | 4 |
| rs61180701 | 17 | 43987601 | t | c | 5.71 | 1.14E-08 | 1 | 0.001 | 0.900 | rs62062288 | 9 | MAPTRP11-669E14.4 | 0 | RNA_intron | 0.49 | 6 | | | 5 |
| rs55972730 | 17 | 44155707 | t | c | -5.71 | 1.14E-08 | 1 | 0.001 | 0.899 | rs62062288 | 9 | KANSL1 | 0 | intronic | 2.73 | 7 | | | 2 |
| rs62056810 | 17 | 43984672 | t | c | 5.71 | 1.15E-08 | 1 | 0.001 | 0.901 | rs62062288 | 9 | MAPT | 0 | intronic | 2.18 | 5 | | | 2 |
| rs76682988 | 17 | 44142334 | t | g | -5.71 | 1.15E-08 | 1 | 0.001 | 0.902 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | | | |
| rs62059079 | 17 | 44061330 | t | c | 5.71 | 1.15E-08 | 1 | 0.001 | 0.904 | rs62062288 | 9 | MAPT | 0 | intronic | 0.23 | 6 | | | 5 |
| rs62062779 | 17 | 44025277 | a | g | -5.71 | 1.15E-08 | 1 | 0.001 | 0.903 | rs62062288 | 9 | MAPT | 0 | intronic | 0.83 | 6 | | | 4 |
| rs113201171 | 17 | 44082249 | a | t | 5.71 | 1.16E-08 | 1 | 0.001 | 0.905 | rs62062288 | 9 | MAPT | 0 | intronic | 0.77 | 7 | | | 5 |
| rs12150260 | 17 | 44090538 | t | g | 5.71 | 1.16E-08 | 1 | 0.001 | 0.904 | rs62062288 | 9 | MAPT | 0 | intronic | | | | | |
| rs62062803 | 17 | 44028183 | t | c | 5.71 | 1.16E-08 | 1 | 0.001 | 0.906 | rs62062288 | 9 | MAPT | 0 | intronic | 2.00 | 7 | | | 5 |
| rs754512 | 17 | 44055647 | a | t | 5.70 | 1.17E-08 | 1 | 0.001 | 0.907 | rs62062288 | 9 | MAPT | 0 | exonic | 2.39 | 1d | | | 4 |
| rs17651083 | 17 | 44058550 | a | g | -5.70 | 1.17E-08 | 1 | 0.001 | 0.908 | rs62062288 | 9 | MAPT | 0 | intronic | 3.58 | 1f | | | 4 |
| rs62063774 | 17 | 44050463 | t | c | 5.70 | 1.17E-08 | 1 | 0.001 | 0.909 | rs62062288 | 9 | MAPT | 0 | UTRS | 1.09 | 5 | | | 4 |
| rs78104015 | 17 | 44052733 | a | g | 5.70 | 1.18E-08 | 1 | 0.001 | 0.910 | rs62062288 | 9 | MAPT | 0 | UTRS | 1.59 | 4 | | | 4 |
| rs62056809 | 17 | 43984669 | a | g | 5.70 | 1.18E-08 | 1 | 0.001 | 0.911 | rs62062288 | 9 | MAPT | 0 | intronic | 3.82 | 5 | | | 2 |
| rs112003140 | 17 | 43980998 | a | g | -5.70 | 1.18E-08 | 1 | 0.001 | 0.912 | rs62062288 | 9 | MAPT | 0 | intronic | | | | | |
| rs112423744 | 17 | 44028274 | a | g | 5.70 | 1.19E-08 | 1 | 0.001 | 0.912 | rs62062288 | 9 | MAPT | 0 | intronic | | | | | |
| rs62280961 | 17 | 44041107 | t | c | -5.70 | 1.19E-08 | 1 | 0.001 | 0.913 | rs62062288 | 9 | MAPT | 0 | intronic | 11.61 | 5 | | | 4 |
| rs17649553 | 17 | 43984648 | t | c | -5.70 | 1.19E-08 | 1 | 0.001 | 0.915 | rs62062288 | 9 | MAPT | 0 | intronic | 0.59 | 4 | | | 4 |
| rs62062133 | 17 | 44114372 | t | c | 5.70 | 1.19E-08 | 1 | 0.001 | 0.914 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | | | |
| rs62061717 | 17 | 44012248 | a | t | -5.70 | 1.19E-08 | 1 | 0.001 | 0.916 | rs62062288 | 9 | MAPT | 0 | intronic | | | | | |
| rs17651549 | 17 | 44061278 | t | c | -5.70 | 1.20E-08 | 1 | 0.001 | 0.917 | rs62062288 | 9 | MAPT | 0 | exonic | 34.00 | 1f | | | 4 |
| rs62062794 | 17 | 44025455 | t | c | 5.70 | 1.20E-08 | 1 | 0.001 | 0.918 | rs62062288 | 9 | MAPT | 0 | intronic | 11.66 | | | | |

| | | | | | | | | | | | | | | | | | |
|-------------|----|-----------|---|---|-------|----------|---|-------|-------|------------|----|--------------------|-----|-------------|-------|----|---|
| rs17650842 | 17 | 44037491 | a | g | 5.67 | 1.42E-08 | 1 | 0.001 | 0.963 | rs62062288 | 9 | MAPT | 0 | intronic | 0.84 | 6 | 5 |
| rs2163129 | 17 | 44056433 | t | c | 5.67 | 1.42E-08 | 1 | 0.001 | 0.964 | rs62062288 | 9 | MAPT | 0 | intronic | 3.16 | 6 | 4 |
| rs2163130 | 17 | 44056434 | a | g | -5.67 | 1.43E-08 | 1 | 0.001 | 0.965 | rs62062288 | 9 | MAPT | 0 | intronic | 0.20 | 6 | 4 |
| rs12190125 | 17 | 43986432 | a | g | -5.67 | 1.43E-08 | 1 | 0.001 | 0.966 | rs62062288 | 9 | MAPT,RP11-669E14.4 | 0 | RNA_intron | 3.19 | 5 | 2 |
| rs2004673 | 17 | 44075099 | t | c | 5.67 | 1.43E-08 | 1 | 0.001 | 0.966 | rs62062288 | 9 | MAPT | 0 | intronic | 0.38 | 4 | 4 |
| rs79772576 | 17 | 44106220 | t | c | 5.67 | 1.43E-08 | 1 | 0.001 | 0.967 | rs62062288 | 9 | MAPT | 519 | Jdownstream | 1.97 | 5 | 4 |
| rs17661015 | 17 | 44192957 | t | c | 5.67 | 1.44E-08 | 1 | 0.001 | 0.968 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.40 | 6 | 2 |
| rs79792699 | 17 | 43994252 | t | c | 5.67 | 1.44E-08 | 1 | 0.001 | 0.969 | rs62062288 | 9 | MAPT | 0 | intronic | 2.18 | 5 | 4 |
| rs16940806 | 17 | 44103826 | a | g | -5.67 | 1.47E-08 | 1 | 0.001 | 0.969 | rs62062288 | 9 | MAPT | 0 | UTR3 | 3.70 | 4 | 4 |
| rs2004674 | 17 | 44075110 | a | t | 5.66 | 1.49E-08 | 1 | 0.001 | 0.970 | rs62062288 | 9 | MAPT | 0 | intronic | 0.16 | 4 | 4 |
| rs79681971 | 17 | 44106219 | t | c | -5.66 | 1.50E-08 | 1 | 0.001 | 0.971 | rs62062288 | 9 | MAPT | 518 | Jdownstream | 2.20 | 5 | 4 |
| rs62063852 | 17 | 44074581 | a | g | 5.66 | 1.52E-08 | 1 | 0.001 | 0.971 | rs62062288 | 9 | MAPT | 0 | intronic | 1.97 | 5 | 4 |
| rs62063263 | 17 | 44033394 | c | g | -5.66 | 1.53E-08 | 1 | 0.001 | 0.972 | rs62062288 | 9 | MAPT | 0 | intronic | 0.06 | 7 | 5 |
| rs5955207 | 17 | 44165594 | a | c | -5.66 | 1.54E-08 | 1 | 0.001 | 0.973 | rs62062288 | 9 | KANSL1 | 0 | intronic | 1.84 | 2b | 1 |
| rs5735563 | 17 | 44165596 | a | c | -5.66 | 1.54E-08 | 1 | 0.001 | 0.973 | rs62062288 | 9 | KANSL1 | 0 | intronic | 0.36 | 7 | 2 |
| rs11389432 | 17 | 44080408 | c | g | -5.66 | 1.54E-08 | 1 | 0.001 | 0.974 | rs62062288 | 9 | MAPT | 0 | intronic | 0.36 | 7 | 2 |
| rs62062324 | 17 | 44114362 | a | t | 5.65 | 1.57E-08 | 1 | 0.001 | 0.975 | rs62062288 | 9 | MAPT | 0 | intronic | | | |
| rs62062325 | 17 | 44114364 | a | c | -5.65 | 1.57E-08 | 1 | 0.001 | 0.975 | rs62062288 | 9 | MAPT | 0 | intronic | | | |
| rs62063264 | 17 | 44033401 | t | c | -5.65 | 1.59E-08 | 1 | 0.001 | 0.976 | rs62062288 | 9 | MAPT | 0 | intronic | 2.02 | 7 | 5 |
| rs113756354 | 17 | 44013483 | a | g | 5.65 | 1.59E-08 | 1 | 0.001 | 0.977 | rs62062288 | 9 | MAPT | 0 | intronic | 1.84 | 2b | 1 |
| rs79857651 | 17 | 44013475 | a | g | -5.65 | 1.59E-08 | 1 | 0.001 | 0.977 | rs62062288 | 9 | MAPT | 0 | intronic | 3.69 | 4 | 1 |
| rs55823844 | 17 | 43978320 | a | g | -5.65 | 1.60E-08 | 1 | 0.001 | 0.978 | rs62062288 | 9 | MAPT | 0 | intronic | 1.58 | 4 | 5 |
| rs62063780 | 17 | 44056238 | a | g | 5.65 | 1.61E-08 | 1 | 0.001 | 0.979 | rs62062288 | 9 | MAPT | 0 | intronic | 2.88 | 7 | 4 |
| rs75944932 | 17 | 44072423 | a | c | 5.65 | 1.62E-08 | 1 | 0.001 | 0.979 | rs62062288 | 9 | MAPT | 0 | intronic | 0.01 | 6 | 4 |
| rs20526842 | 17 | 440361515 | t | g | 5.65 | 1.66E-08 | 1 | 0.001 | 0.980 | rs62062288 | 9 | MAPT | 0 | intronic | | | |
| rs63022057 | 17 | 44034486 | a | c | 5.64 | 1.69E-08 | 1 | 0.001 | 0.981 | rs62062288 | 9 | MAPT | 0 | intronic | | | |
| rs75691066 | 17 | 44045585 | a | c | -5.64 | 1.69E-08 | 1 | 0.001 | 0.981 | rs62062288 | 9 | MAPT | 0 | intronic | | | |
| rs62062286 | 17 | 44096486 | t | c | -5.64 | 1.73E-08 | 1 | 0.001 | 0.982 | rs62062288 | 9 | MAPT | 0 | intronic | 7.02 | 7 | 4 |
| rs62063278 | 17 | 44036914 | t | c | -5.64 | 1.75E-08 | 1 | 0.001 | 0.982 | rs62062288 | 9 | MAPT | 0 | intronic | 4.14 | 5 | 5 |
| rs11203311 | 17 | 44042939 | a | g | -5.64 | 1.75E-08 | 1 | 0.001 | 0.983 | rs62062288 | 9 | MAPT | 0 | intronic | | | |
| rs28439143 | 17 | 43987723 | a | g | -5.63 | 1.77E-08 | 1 | 0.001 | 0.984 | rs62062288 | 9 | MAPT,RP11-669E14.4 | 0 | RNA_intron | 8.21 | 6 | 5 |
| rs62063279 | 17 | 44036936 | a | g | -5.63 | 1.77E-08 | 1 | 0.001 | 0.984 | rs62062288 | 9 | MAPT | 0 | intronic | 3.12 | 6 | 5 |
| rs17652337 | 17 | 44083323 | t | c | -5.62 | 1.88E-08 | 1 | 0.001 | 0.985 | rs62062288 | 9 | MAPT | 0 | intronic | 5.99 | 6 | 4 |
| rs111751251 | 17 | 44042951 | t | c | -5.62 | 1.88E-08 | 1 | 0.001 | 0.985 | rs62062288 | 9 | MAPT | 0 | intronic | | | |
| rs112480703 | 17 | 44189799 | t | c | 5.62 | 1.94E-08 | 1 | 0.001 | 0.986 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | |
| rs62063280 | 17 | 44037289 | c | g | -5.62 | 1.97E-08 | 1 | 0.001 | 0.986 | rs62062288 | 9 | MAPT | 0 | intronic | 11.17 | 7 | 5 |
| rs75330746 | 17 | 44182655 | t | c | -5.61 | 2.03E-08 | 1 | 0.001 | 0.987 | rs62062288 | 9 | MAPT | 0 | intronic | | | |
| rs75183956 | 17 | 44182956 | a | g | 5.61 | 2.03E-08 | 1 | 0.001 | 0.988 | rs62062288 | 9 | KANSL1 | 0 | intronic | | | |
| rs75010486 | 17 | 44103825 | t | c | 5.61 | 2.04E-08 | 1 | 0.001 | 0.988 | rs62062288 | 9 | MAPT | 0 | UTR3 | 1.59 | | 4 |
| rs35163442 | 17 | 44023842 | a | g | -5.61 | 2.05E-08 | 1 | 0.001 | 0.989 | rs62062288 | 9 | MAPT | 0 | intronic | | | |
| rs62063281 | 17 | 43976308 | t | c | 5.61 | 2.08E-08 | 1 | 0.001 | 0.989 | rs62062288 | 9 | MAPT | 0 | intronic | | | |
| rs8712 | 17 | 44101897 | a | c | 5.61 | 2.08E-08 | 1 | 0.001 | 0.990 | rs62062288 | 9 | MAPT | 0 | UTR3 | 12.96 | 5 | 4 |
| rs468 | 17 | 44101563 | t | c | 5.60 | 2.10E-08 | 1 | 0.001 | 0.990 | rs62062288 | 9 | MAPT | 0 | UTR3 | 3.44 | 1f | 4 |
| rs492602 | 19 | 49206417 | a | g | -5.57 | 2.53E-08 | 1 | 0.100 | 0.100 | rs492602 | 10 | FUT2 | 0 | exonic | 0.06 | 6 | 1 |
| rs679574 | 19 | 49206108 | c | g | -5.55 | 2.93E-08 | 1 | 0.086 | 0.186 | rs492602 | 10 | FUT2 | 0 | intronic | 0.96 | 6 | 4 |
| rs516316 | 19 | 49206145 | c | g | 5.54 | 2.99E-08 | 1 | 0.085 | 0.271 | rs492602 | 10 | FUT2 | 0 | intronic | 0.78 | 7 | 4 |
| rs516246 | 19 | 49206172 | t | c | 5.52 | 3.49E-08 | 1 | 0.073 | 0.344 | rs492602 | 10 | FUT2 | 0 | intronic | 3.08 | 4 | 4 |
| rs681343 | 19 | 49206200 | a | g | 5.50 | 3.78E-08 | 1 | 0.068 | 0.412 | rs492602 | 10 | FUT2 | 0 | exonic | 5.16 | 5 | 4 |
| rs601338 | 19 | 49206674 | a | g | 5.46 | 4.87E-08 | 1 | 0.053 | 0.465 | rs492602 | 10 | FUT2 | 0 | exonic | 37.00 | 5 | 4 |
| rs2287921 | 19 | 49228272 | t | c | -5.34 | 9.53E-08 | 1 | 0.028 | 0.493 | rs492602 | 10 | RASIP1 | 0 | intronic | 3.37 | 4 | 4 |
| rs12979891 | 19 | 49227256 | t | c | 5.33 | 9.96E-08 | 1 | 0.026 | 0.519 | rs492602 | 10 | RASIP1 | 0 | intronic | 0.69 | 7 | 4 |
| rs11666792 | 19 | 49227043 | a | g | 5.32 | 1.02E-07 | 1 | 0.026 | 0.545 | rs492602 | 10 | RASIP1 | 0 | intronic | 13.88 | 5 | 4 |
| rs11673906 | 19 | 49227443 | t | c | 5.32 | 1.05E-07 | 1 | 0.025 | 0.570 | rs492602 | 10 | RASIP1 | 0 | intronic | 1.95 | 5 | 4 |
| rs2287922 | 19 | 49232226 | a | g | 5.29 | 1.22E-07 | 1 | 0.022 | 0.592 | rs492602 | 10 | RASIP1 | 0 | exonic | 32.00 | 4 | 4 |
| rs35106244 | 19 | 49203829 | t | c | 5.29 | 1.23E-07 | 1 | 0.022 | 0.613 | rs492602 | 10 | FUT2 | 0 | intronic | | | |
| rs8112983 | 19 | 49229525 | t | c | -5.29 | 1.25E-07 | 1 | 0.021 | 0.635 | rs492602 | 10 | RASIP1 | 0 | intronic | 2.68 | 7 | 4 |
| rs838144 | 19 | 49250239 | t | c | -5.25 | 1.53E-07 | 1 | 0.017 | 0.652 | rs492602 | 10 | IZUMO1 | 72 | upstream | 7.66 | 4 | 4 |
| rs29400014 | 19 | 49250557 | c | g | 5.25 | 1.56E-07 | 1 | 0.017 | 0.669 | rs492602 | 10 | IZUMO1 | 490 | jam_downs | 5.73 | 4 | 4 |
| rs106205 | 19 | 49250197 | t | c | 5.21 | 1.69E-07 | 1 | 0.014 | 0.683 | rs492602 | 10 | IZUMO1 | 30 | upstream | 4.60 | 4 | 4 |
| rs11667321 | 19 | 49250538 | a | g | 5.20 | 1.96E-07 | 1 | 0.014 | 0.697 | rs492602 | 10 | IZUMO1 | 371 | jam_downs | 5.89 | 4 | 4 |
| rs479486 | 19 | 49229323 | a | g | 5.20 | 1.98E-07 | 1 | 0.014 | 0.710 | rs492602 | 10 | RASIP1 | 0 | intronic | 1.77 | 6 | 4 |
| rs11882796 | 19 | 49225766 | a | t | -5.18 | 2.21E-07 | 1 | 0.012 | 0.723 | rs492602 | 10 | RASIP1 | 0 | intronic | 0.10 | 7 | 4 |
| rs383147 | 19 | 49248866 | a | g | 5.16 | 2.49E-07 | 1 | 0.011 | 0.734 | rs492602 | 10 | IZUMO1 | 0 | intronic | 2.93 | 4 | 4 |
| rs513751 | 19 | 49244966 | a | c | -5.13 | 2.93E-07 | 1 | 0.009 | 0.743 | rs492602 | 10 | RASIP1 | 0 | intronic | 4.71 | 5 | 4 |
| rs3859439 | 19 | 49224389 | t | c | -5.12 | 3.13E-07 | 1 | 0.009 | 0.752 | rs492602 | 10 | RASIP1 | 0 | intronic | 3.40 | 2b | 4 |
| rs418464 | 19 | 49239026 | t | c | -5.11 | 3.23E-07 | 1 | 0.008 | 0.760 | rs492602 | 10 | RASIP1 | 0 | intronic | 0.91 | 7 | 4 |
| rs1231281 | 19 | 49239200 | a | g | 5.11 | 3.27E-07 | 1 | 0.008 | 0.768 | rs492602 | 10 | RASIP1 | 0 | intronic | 0.03 | 7 | 4 |
| rs973579 | 19 | 49241976 | a | g | -5.10 | 3.33E-07 | 1 | 0.008 | 0.777 | rs492602 | 10 | RASIP1 | 0 | intronic | 5.19 | 1f | 4 |
| rs632111 | 19 | 49208978 | a | g | -5.10 | 3.34E-07 | 1 | 0.008 | 0.785 | rs492602 | 10 | FUT2 | 0 | UTR3 | 3.79 | 6 | 4 |
| rs603985 | 19 | 49207257 | t | c | -5.09 | 3.57E-07 | 1 | 0.008 | 0.807 | rs492602 | 10 | FUT2 | 0 | UTR3 | 4.02 | 6 | 4 |
| rs2251034 | 19 | 49207792 | a | g | 5.09 | 3.57E-07 | 1 | 0.008 | 0.800 | rs492602 | 10 | FUT2 | 0 | UTR3 | 0.04 | 7 | 4 |
| rs485073 | 19 | 49207255 | a | g | -5.09 | 3.65E-07 | 1 | 0.008 | 0.808 | rs492602 | 10 | FUT2 | 0 | UTR3 | 1.78 | 4 | 4 |
| rs633372 | 19 | 49209226 | a | g | 5.08 | 3.71E-07 | 1 | 0.007 | 0.815 | rs492602 | 10 | FUT2 | 18 | Jdownstream | 0.11 | 7 | 5 |
| rs629504 | 19 | 49223633 | c | g | -5.06 | 4.31E-07 | 1 | 0.006 | 0.822 | rs492602 | 10 | RASIP1 | 210 | jam_downs | 11.56 | 4 | 4 |
| rs281377 | 19 | 49208603 | t | c | -5.05 | 4.43E-07 | 1 | 0.006 | 0.826 | rs492602 | 10 | FUT2 | 0 | exonic | 15.71 | 5 | 4 |
| rs507855 | 19 | 49208501 | a | g | -5.04 | 4.72E-07 | 1 | 0.006 | 0.834 | rs492602 | 10 | FUT2 | 0 | UTR3 | 2.02 | 4 | 4 |
| rs546308 | 19 | 49223570 | a | g | 5.04 | 4.73E-07 | 1 | 0.006 | 0.840 | rs492602 | 10 | RASIP1 | 273 | jam_downs | 5.58 | 2b | 4 |
| rs507711 | 19 | 49208564 | t | c | 5.04 | 4.77E-07 | 1 | 0.006 | 0.846 | rs492602 | 10 | FUT2 | 0 | UTR3 | 4.08 | 5 | 5 |
| rs507766 | 19 | 49208543 | t | c | -5.03 | 4.84E-07 | 1 | 0.006 | 0.857 | rs492602 | 10 | FUT2 | 0 | UTR3 | 1.8 | | |