SNPs used as instrumental variables for sex-combined insomnia

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SNP | Chr | Pos | EA | NEA | Beta | SE | MAF | P value |
| rs528964 | 1 | 4414033 | T | C | −0.006 | 0.001 | 0.223 | 6.48E−09 |
| rs61765001 | 1 | 4714995 | A | G | 0.006 | 0.001 | 0.344 | 1.06E−08 |
| rs148116709 | 1 | 7821917 | CT | C | −0.007 | 0.001 | 0.186 | 4.33E−09 |
| rs10927840 | 1 | 16045250 | A | G | 0.006 | 0.001 | 0.254 | 8.16E−10 |
| rs112358407 | 1 | 17958038 | T | C | −0.016 | 0.003 | 0.024 | 4.99E−08 |
| rs55634335 | 1 | 32180167 | A | T | −0.009 | 0.001 | 0.134 | 2.36E−11 |
| rs11577667 | 1 | 33914333 | T | G | −0.006 | 0.001 | 0.328 | 2.10E−08 |
| rs72659623 | 1 | 36002505 | A | G | −0.012 | 0.002 | 0.055 | 3.86E−08 |
| rs218985 | 1 | 37169665 | T | C | 0.007 | 0.001 | 0.316 | 1.19E−12 |
| rs1564119 | 1 | 38657884 | A | G | −0.006 | 0.001 | 0.421 | 3.53E−10 |
| rs579448 | 1 | 41104664 | A | G | 0.006 | 0.001 | 0.477 | 3.56E−12 |
| rs4134058 | 1 | 47670911 | T | C | 0.005 | 0.001 | 0.445 | 2.09E−08 |
| rs12137221 | 1 | 50182298 | T | C | 0.006 | 0.001 | 0.215 | 4.98E−08 |
| rs543144 | 1 | 57562656 | T | G | 0.007 | 0.001 | 0.282 | 1.52E−10 |
| rs10889039 | 1 | 57828545 | T | C | −0.006 | 0.001 | 0.471 | 1.74E−10 |
| rs12129092 | 1 | 57897756 | T | C | 0.005 | 0.001 | 0.325 | 2.54E−08 |
| rs61788417 | 1 | 59330491 | T | C | −0.009 | 0.001 | 0.114 | 1.70E−09 |
| rs2476194 | 1 | 62594593 | T | C | 0.005 | 0.001 | 0.444 | 4.45E−08 |
| rs6661750 | 1 | 66546884 | A | G | −0.007 | 0.001 | 0.476 | 8.65E−14 |
| rs3008892 | 1 | 67373558 | A | T | −0.006 | 0.001 | 0.199 | 3.51E−08 |
| rs2568960 | 1 | 72812249 | A | G | −0.012 | 0.001 | 0.371 | 2.05E−35 |
| rs61767404 | 1 | 72840446 | A | G | 0.012 | 0.002 | 0.053 | 1.82E−08 |
| rs72684636 | 1 | 72878664 | C | G | −0.016 | 0.003 | 0.032 | 6.42E−10 |
| rs12724444 | 1 | 72904288 | A | G | 0.015 | 0.002 | 0.101 | 7.66E−24 |
| rs7551627 | 1 | 72960531 | A | G | 0.008 | 0.001 | 0.212 | 7.56E−14 |
| rs112913804 | 1 | 73298749 | A | G | −0.011 | 0.002 | 0.063 | 8.10E−09 |
| rs34547523 | 1 | 73536981 | T | G | 0.014 | 0.002 | 0.038 | 1.97E−08 |
| rs61765555 | 1 | 73957815 | T | C | −0.011 | 0.001 | 0.239 | 1.92E−22 |
| rs4650265 | 1 | 74916064 | C | G | −0.011 | 0.002 | 0.069 | 5.73E−09 |
| rs34517439 | 1 | 78450517 | A | C | 0.011 | 0.001 | 0.11 | 1.93E−13 |
| rs72673689 | 1 | 80794351 | T | C | 0.006 | 0.001 | 0.281 | 5.11E−10 |
| rs503460 | 1 | 88798269 | A | C | −0.008 | 0.001 | 0.29 | 3.18E−14 |
| rs138805281 | 1 | 89322983 | A | T | 0.022 | 0.004 | 0.015 | 6.88E−09 |
| rs12093332 | 1 | 90795625 | T | C | −0.006 | 0.001 | 0.238 | 3.23E−09 |
| rs78398400 | 1 | 96216680 | A | G | 0.011 | 0.002 | 0.061 | 3.48E−09 |
| rs10783021 | 1 | 96298320 | A | T | 0.007 | 0.001 | 0.251 | 5.82E−10 |
| rs12138194 | 1 | 96601088 | A | G | −0.011 | 0.002 | 0.07 | 6.67E−09 |
| rs321571 | 1 | 96657951 | A | T | −0.007 | 0.001 | 0.186 | 1.38E−08 |
| rs77272293 | 1 | 96865753 | T | G | 0.014 | 0.002 | 0.041 | 9.78E−10 |
| rs11165657 | 1 | 96974466 | A | C | 0.008 | 0.001 | 0.216 | 8.62E−13 |
| rs12039093 | 1 | 97856036 | A | T | 0.009 | 0.001 | 0.148 | 4.89E−11 |
| rs4573547 | 1 | 107140440 | A | T | −0.01 | 0.002 | 0.1 | 1.60E−10 |
| rs9325358 | 1 | 107187906 | A | G | 0.009 | 0.001 | 0.409 | 1.44E−21 |
| rs1768790 | 1 | 117926372 | A | T | 0.008 | 0.001 | 0.236 | 3.19E−13 |
| rs834233 | 1 | 150354276 | A | G | −0.006 | 0.001 | 0.372 | 1.79E−09 |
| rs11588258 | 1 | 151780728 | A | T | 0.008 | 0.001 | 0.129 | 7.04E−09 |
| rs12023901 | 1 | 154207635 | T | G | −0.009 | 0.002 | 0.09 | 3.11E−08 |
| rs7551881 | 1 | 166955312 | T | G | −0.006 | 0.001 | 0.351 | 1.07E−10 |
| rs56247945 | 1 | 173910964 | A | G | 0.006 | 0.001 | 0.219 | 2.15E−08 |
| rs509476 | 1 | 182573227 | T | C | −0.017 | 0.003 | 0.028 | 1.66E−09 |
| rs58092671 | 1 | 189955241 | A | AT | 0.007 | 0.001 | 0.169 | 4.24E−09 |
| rs2418884 | 1 | 190038811 | T | G | −0.011 | 0.001 | 0.339 | 3.63E−29 |
| rs12402747 | 1 | 190900848 | T | G | −0.008 | 0.001 | 0.436 | 1.66E−19 |
| rs137997261 | 1 | 191416735 | T | G | 0.007 | 0.001 | 0.272 | 1.98E−11 |
| rs56296024 | 1 | 191495510 | A | G | −0.009 | 0.002 | 0.098 | 5.82E−09 |
| rs2785750 | 1 | 191678435 | A | G | 0.006 | 0.001 | 0.414 | 1.99E−09 |
| rs10922299 | 1 | 197812165 | T | C | −0.006 | 0.001 | 0.279 | 2.08E−08 |
| rs6671069 | 1 | 197913101 | T | C | 0.005 | 0.001 | 0.413 | 9.55E−09 |
| rs58783316 | 1 | 198271575 | A | G | −0.022 | 0.003 | 0.018 | 3.96E−10 |
| rs5779928 | 1 | 198405439 | T | TTA | −0.008 | 0.001 | 0.175 | 1.14E−11 |
| rs2016475 | 1 | 201790239 | A | G | 0.007 | 0.001 | 0.276 | 3.00E−12 |
| rs58649262 | 1 | 210129627 | CCAAA | C | −0.005 | 0.001 | 0.416 | 4.00E−08 |
| rs55946391 | 1 | 226240905 | A | G | −0.007 | 0.001 | 0.168 | 1.50E−09 |
| rs4653743 | 1 | 226653478 | T | G | −0.006 | 0.001 | 0.255 | 4.19E−08 |
| rs11807834 | 1 | 230272624 | A | G | 0.007 | 0.001 | 0.26 | 2.22E−10 |
| rs609526 | 1 | 230308906 | A | T | 0.005 | 0.001 | 0.414 | 4.27E−08 |
| rs10927078 | 1 | 243983830 | T | C | −0.008 | 0.001 | 0.169 | 5.06E−12 |
| rs823248 | 2 | 2850634 | T | G | −0.006 | 0.001 | 0.47 | 5.37E−10 |
| rs10185535 | 2 | 21515546 | A | C | −0.006 | 0.001 | 0.308 | 6.40E−09 |
| rs11676365 | 2 | 22491168 | T | C | −0.006 | 0.001 | 0.491 | 1.02E−10 |
| rs12617557 | 2 | 22818009 | T | C | 0.007 | 0.001 | 0.324 | 3.39E−11 |
| rs10204586 | 2 | 35406207 | A | C | 0.006 | 0.001 | 0.479 | 1.09E−09 |
| rs11903069 | 2 | 38558787 | T | C | −0.006 | 0.001 | 0.322 | 1.89E−08 |
| rs963405 | 2 | 42355689 | A | C | 0.005 | 0.001 | 0.446 | 1.94E−08 |
| rs2374423 | 2 | 42820422 | A | G | −0.008 | 0.001 | 0.296 | 1.96E−15 |
| rs6720846 | 2 | 44123073 | A | T | 0.006 | 0.001 | 0.395 | 5.17E−12 |
| rs2881935 | 2 | 48119273 | T | C | 0.006 | 0.001 | 0.255 | 1.37E−08 |
| rs74431276 | 2 | 50100570 | A | G | 0.01 | 0.001 | 0.112 | 4.73E−11 |
| rs72807818 | 2 | 51819019 | A | G | −0.012 | 0.001 | 0.129 | 6.10E−19 |
| rs4971786 | 2 | 52265718 | T | C | −0.007 | 0.001 | 0.167 | 4.45E−08 |
| rs13404175 | 2 | 53721273 | T | G | 0.007 | 0.001 | 0.392 | 4.55E−12 |
| rs12468708 | 2 | 58887039 | A | C | 0.007 | 0.001 | 0.418 | 1.01E−14 |
| rs359247 | 2 | 60477052 | A | T | −0.008 | 0.001 | 0.362 | 3.28E−18 |
| rs13015703 | 2 | 64281797 | T | C | −0.008 | 0.001 | 0.248 | 1.56E−13 |
| rs6718082 | 2 | 64334456 | A | G | 0.006 | 0.001 | 0.219 | 1.08E−08 |
| rs1519104 | 2 | 66680892 | A | G | −0.006 | 0.001 | 0.318 | 1.95E−08 |
| rs62144053 | 2 | 66745864 | A | G | 0.025 | 0.002 | 0.09 | 2.56E−53 |
| rs11126082 | 2 | 66789341 | C | G | −0.009 | 0.001 | 0.44 | 3.36E−20 |
| rs12614369 | 2 | 66792109 | A | G | 0.007 | 0.001 | 0.182 | 4.99E−10 |
| rs60751869 | 2 | 66816983 | T | G | 0.012 | 0.001 | 0.153 | 5.72E−20 |
| rs72826719 | 2 | 66976854 | A | G | 0.022 | 0.002 | 0.045 | 3.85E−23 |
| rs12468615 | 2 | 67087721 | A | G | −0.006 | 0.001 | 0.319 | 1.01E−09 |
| rs2861752 | 2 | 68077335 | A | C | 0.007 | 0.001 | 0.455 | 4.30E−15 |
| rs62149809 | 2 | 73853830 | A | G | 0.023 | 0.004 | 0.013 | 1.91E−08 |
| rs4538233 | 2 | 75442117 | T | C | −0.006 | 0.001 | 0.311 | 2.47E−08 |
| rs6761838 | 2 | 77730997 | A | T | −0.007 | 0.001 | 0.349 | 8.17E−12 |
| rs6724539 | 2 | 98343258 | A | G | 0.006 | 0.001 | 0.483 | 2.81E−12 |
| rs6735012 | 2 | 100516134 | T | C | −0.005 | 0.001 | 0.47 | 1.62E−08 |
| rs2945451 | 2 | 104469412 | A | T | 0.006 | 0.001 | 0.247 | 1.51E−09 |
| rs4402784 | 2 | 104694369 | T | C | −0.012 | 0.002 | 0.084 | 3.19E−13 |
| rs62158170 | 2 | 114082175 | A | G | 0.014 | 0.001 | 0.222 | 1.62E−34 |
| rs55685007 | 2 | 114143295 | T | C | −0.007 | 0.001 | 0.163 | 4.96E−08 |
| rs2432721 | 2 | 118578114 | T | G | 0.005 | 0.001 | 0.401 | 2.96E−08 |
| rs4848524 | 2 | 119546155 | T | G | −0.005 | 0.001 | 0.467 | 3.38E−08 |
| rs12618343 | 2 | 125222217 | A | G | 0.007 | 0.001 | 0.235 | 2.05E−10 |
| rs773875123 | 2 | 126511108 | CTT | C | 0.007 | 0.001 | 0.207 | 6.02E−09 |
| rs13415724 | 2 | 138077603 | T | C | −0.007 | 0.001 | 0.242 | 1.13E−11 |
| rs532858227 | 2 | 138317634 | C | G | 0.043 | 0.008 | 0.004 | 2.49E−08 |
| rs78154941 | 2 | 139191527 | A | C | 0.012 | 0.002 | 0.067 | 2.07E−10 |
| rs1437334 | 2 | 142484987 | A | T | 0.006 | 0.001 | 0.434 | 1.91E−09 |
| rs13001483 | 2 | 144028568 | A | C | 0.008 | 0.001 | 0.18 | 4.78E−12 |
| rs5026760 | 2 | 144137353 | A | G | 0.008 | 0.001 | 0.159 | 2.31E−09 |
| rs7607770 | 2 | 146465318 | T | G | −0.005 | 0.001 | 0.429 | 7.96E−09 |
| rs62167788 | 2 | 147482079 | T | C | −0.007 | 0.001 | 0.383 | 5.38E−12 |
| 2:148658595:A\_G | 2 | 148658595 | A | G | −0.007 | 0.001 | 0.203 | 7.98E−10 |
| rs77276698 | 2 | 159250229 | A | G | −0.009 | 0.001 | 0.247 | 5.34E−16 |
| rs5835743 | 2 | 160241998 | CTT | C | 0.006 | 0.001 | 0.248 | 3.81E−08 |
| rs6739918 | 2 | 160347754 | C | G | 0.005 | 0.001 | 0.483 | 5.23E−09 |
| rs1549577 | 2 | 160665278 | T | C | 0.008 | 0.001 | 0.253 | 1.14E−13 |
| rs1267070 | 2 | 161988483 | T | C | 0.008 | 0.001 | 0.178 | 1.84E−11 |
| rs1267042 | 2 | 162095003 | T | C | 0.006 | 0.001 | 0.307 | 6.35E−09 |
| rs11683458 | 2 | 168547025 | A | G | 0.006 | 0.001 | 0.256 | 1.96E−09 |
| rs10930502 | 2 | 172890588 | A | G | −0.007 | 0.001 | 0.304 | 6.64E−12 |
| rs836603 | 2 | 173528547 | T | C | 0.006 | 0.001 | 0.254 | 3.58E−08 |
| rs2884836 | 2 | 176533433 | T | C | −0.006 | 0.001 | 0.338 | 4.96E−11 |
| rs2123641 | 2 | 178213326 | A | G | −0.008 | 0.001 | 0.142 | 1.13E−09 |
| rs10497655 | 2 | 185462041 | T | C | 0.006 | 0.001 | 0.313 | 4.12E−10 |
| rs1064213 | 2 | 198950240 | A | G | −0.008 | 0.001 | 0.492 | 2.83E−16 |
| rs60431238 | 2 | 200873539 | CAT | C | −0.007 | 0.001 | 0.3 | 1.12E−13 |
| rs12468065 | 2 | 201027168 | T | C | 0.012 | 0.002 | 0.05 | 1.23E−08 |
| rs145664840 | 2 | 203726502 | A | G | −0.009 | 0.001 | 0.123 | 2.81E−11 |
| rs10187826 | 2 | 208076936 | A | G | −0.008 | 0.001 | 0.32 | 4.15E−15 |
| rs62184481 | 2 | 212657792 | T | C | 0.006 | 0.001 | 0.27 | 8.62E−09 |
| rs34967082 | 2 | 215382654 | A | G | 0.006 | 0.001 | 0.419 | 9.42E−11 |
| rs12466043 | 2 | 215508896 | T | G | 0.007 | 0.001 | 0.145 | 4.06E−08 |
| rs7597911 | 2 | 222729727 | T | C | 0.006 | 0.001 | 0.462 | 5.41E−10 |
| rs62178707 | 2 | 222885111 | T | C | 0.007 | 0.001 | 0.474 | 6.27E−13 |
| rs7566151 | 2 | 239231738 | A | T | −0.006 | 0.001 | 0.368 | 9.39E−10 |
| rs11897824 | 2 | 239311445 | A | G | −0.013 | 0.002 | 0.08 | 7.21E−15 |
| rs4455151 | 2 | 241744372 | T | G | 0.006 | 0.001 | 0.307 | 3.06E−09 |
| rs2729303 | 3 | 1991298 | A | G | −0.006 | 0.001 | 0.205 | 1.79E−08 |
| rs76901635 | 3 | 5791364 | A | G | 0.008 | 0.001 | 0.136 | 1.01E−08 |
| rs78838624 | 3 | 7187203 | A | C | 0.007 | 0.001 | 0.181 | 1.87E−08 |
| rs6774026 | 3 | 8082945 | T | C | −0.005 | 0.001 | 0.298 | 4.67E−08 |
| rs4383496 | 3 | 10599028 | T | C | −0.009 | 0.001 | 0.477 | 6.46E−21 |
| rs9653970 | 3 | 11412754 | A | G | −0.007 | 0.001 | 0.21 | 4.77E−11 |
| rs9838564 | 3 | 18720044 | A | C | −0.008 | 0.001 | 0.275 | 1.80E−14 |
| rs11714203 | 3 | 20142666 | T | C | 0.009 | 0.002 | 0.094 | 6.69E−09 |
| rs4858241 | 3 | 20669071 | T | G | 0.006 | 0.001 | 0.366 | 5.86E−10 |
| rs1603985 | 3 | 25148868 | C | G | −0.006 | 0.001 | 0.481 | 2.02E−10 |
| rs2122231 | 3 | 34562070 | A | T | −0.005 | 0.001 | 0.39 | 1.62E−08 |
| rs3953390 | 3 | 43055847 | A | C | −0.006 | 0.001 | 0.425 | 3.06E−10 |
| rs9875582 | 3 | 43250297 | A | C | −0.009 | 0.001 | 0.218 | 5.39E−17 |
| rs74505206 | 3 | 43479003 | A | C | −0.012 | 0.002 | 0.054 | 7.50E−09 |
| rs75619216 | 3 | 43954461 | T | C | −0.012 | 0.002 | 0.051 | 1.40E−08 |
| rs6441813 | 3 | 44041323 | T | C | −0.006 | 0.001 | 0.473 | 1.82E−12 |
| rs3172494 | 3 | 48731487 | T | G | −0.009 | 0.001 | 0.116 | 1.68E−09 |
| rs35713889 | 3 | 49162583 | T | C | 0.014 | 0.002 | 0.042 | 4.04E−10 |
| rs10865954 | 3 | 49211989 | T | C | 0.008 | 0.001 | 0.339 | 2.32E−17 |
| rs4273407 | 3 | 49277998 | A | G | −0.014 | 0.002 | 0.069 | 2.40E−15 |
| rs73077157 | 3 | 49749705 | A | C | 0.008 | 0.001 | 0.131 | 6.99E−10 |
| rs3755831 | 3 | 50228767 | T | G | −0.008 | 0.001 | 0.447 | 1.04E−19 |
| rs5030977 | 3 | 50416501 | T | C | −0.011 | 0.002 | 0.095 | 1.75E−12 |
| rs144954862 | 3 | 50570552 | T | C | −0.019 | 0.003 | 0.019 | 1.58E−08 |
| rs1385025 | 3 | 50686062 | A | G | −0.008 | 0.001 | 0.135 | 2.03E−09 |
| rs16943 | 3 | 51874679 | T | C | 0.006 | 0.001 | 0.312 | 4.87E−10 |
| rs62252339 | 3 | 65185470 | A | G | 0.007 | 0.001 | 0.19 | 3.00E−08 |
| rs6762926 | 3 | 69014365 | A | G | 0.008 | 0.001 | 0.125 | 1.25E−09 |
| rs67588220 | 3 | 70526203 | T | C | −0.014 | 0.002 | 0.092 | 4.33E−18 |
| rs115433278 | 3 | 70940474 | A | G | −0.012 | 0.002 | 0.05 | 4.92E−09 |
| rs1864896 | 3 | 71469845 | A | G | 0.006 | 0.001 | 0.44 | 8.68E−12 |
| rs73090632 | 3 | 71784321 | A | G | −0.008 | 0.001 | 0.109 | 4.34E−08 |
| rs113757655 | 3 | 76291908 | T | C | 0.006 | 0.001 | 0.4 | 1.05E−09 |
| rs11425226 | 3 | 85789703 | CT | C | 0.006 | 0.001 | 0.22 | 8.57E−09 |
| rs13093657 | 3 | 86255794 | T | C | 0.006 | 0.001 | 0.265 | 1.26E−09 |
| rs147012818 | 3 | 88001998 | G | GT | −0.007 | 0.001 | 0.211 | 2.04E−09 |
| rs78531597 | 3 | 104078503 | A | C | −0.008 | 0.001 | 0.108 | 3.27E−08 |
| rs2016469 | 3 | 108023965 | A | G | 0.006 | 0.001 | 0.372 | 1.20E−11 |
| rs5852001 | 3 | 115957699 | CT | C | 0.007 | 0.001 | 0.176 | 3.52E−08 |
| rs7619638 | 3 | 116002163 | A | G | −0.012 | 0.002 | 0.08 | 2.56E−13 |
| rs6438398 | 3 | 117312993 | T | C | −0.006 | 0.001 | 0.341 | 3.03E−09 |
| rs62268504 | 3 | 117401007 | A | T | −0.006 | 0.001 | 0.367 | 3.42E−09 |
| rs78260802 | 3 | 117422563 | T | C | −0.011 | 0.002 | 0.054 | 3.65E−08 |
| rs150890825 | 3 | 117604826 | CATGT | C | 0.01 | 0.001 | 0.271 | 3.76E−20 |
| rs9815484 | 3 | 117637295 | A | G | −0.012 | 0.001 | 0.173 | 1.78E−23 |
| rs75869405 | 3 | 130748245 | A | G | 0.01 | 0.002 | 0.095 | 4.22E−10 |
| rs67294685 | 3 | 134707570 | T | C | −0.006 | 0.001 | 0.349 | 9.71E−09 |
| rs4681358 | 3 | 147094030 | T | C | 0.006 | 0.001 | 0.482 | 3.45E−12 |
| rs1231521 | 3 | 150922638 | A | T | −0.005 | 0.001 | 0.325 | 2.28E−08 |
| rs55827025 | 3 | 151159728 | A | G | −0.007 | 0.001 | 0.157 | 1.38E−08 |
| rs9872362 | 3 | 152716443 | T | C | 0.005 | 0.001 | 0.411 | 1.73E−08 |
| rs13095140 | 3 | 155350786 | T | C | 0.01 | 0.001 | 0.221 | 2.03E−19 |
| rs9817452 | 3 | 156795414 | T | G | −0.005 | 0.001 | 0.401 | 2.84E−08 |
| rs2306531 | 3 | 156817662 | T | C | 0.006 | 0.001 | 0.322 | 1.44E−10 |
| rs34995891 | 3 | 158266932 | G | GC | 0.005 | 0.001 | 0.476 | 4.48E−09 |
| rs111550352 | 3 | 170072235 | T | TAAAC | −0.008 | 0.001 | 0.142 | 4.27E−09 |
| rs10936661 | 3 | 170572112 | T | C | 0.007 | 0.001 | 0.145 | 1.98E−08 |
| rs694786 | 3 | 173112907 | T | C | −0.008 | 0.001 | 0.453 | 6.30E−17 |
| rs60018000 | 3 | 174842833 | C | G | −0.005 | 0.001 | 0.479 | 1.72E−08 |
| rs4260410 | 3 | 178469932 | T | C | 0.006 | 0.001 | 0.32 | 1.86E−09 |
| rs2216427 | 3 | 180785697 | C | G | 0.007 | 0.001 | 0.358 | 4.27E−14 |
| rs7638072 | 3 | 184789142 | T | C | 0.006 | 0.001 | 0.442 | 1.65E−09 |
| rs6786798 | 3 | 184936583 | A | G | −0.006 | 0.001 | 0.336 | 6.38E−10 |
| rs745850919 | 3 | 192218226 | T | TC | 0.011 | 0.002 | 0.068 | 3.87E−09 |
| rs12647020 | 4 | 1507198 | A | G | −0.005 | 0.001 | 0.382 | 8.29E−09 |
| rs6857447 | 4 | 7282332 | A | G | 0.006 | 0.001 | 0.256 | 2.27E−08 |
| rs2658509 | 4 | 16726786 | A | C | 0.006 | 0.001 | 0.481 | 2.11E−10 |
| rs113591949 | 4 | 17851945 | A | G | −0.01 | 0.001 | 0.125 | 1.01E−13 |
| rs7684006 | 4 | 18140181 | A | G | 0.006 | 0.001 | 0.412 | 1.91E−10 |
| rs16871968 | 4 | 21851695 | T | C | 0.006 | 0.001 | 0.382 | 5.99E−11 |
| rs34791171 | 4 | 21997107 | T | TA | −0.007 | 0.001 | 0.239 | 5.77E−12 |
| rs2667298 | 4 | 25359280 | A | G | −0.008 | 0.001 | 0.131 | 3.84E−09 |
| rs983049 | 4 | 29279926 | A | G | 0.005 | 0.001 | 0.359 | 3.58E−08 |
| rs190495 | 4 | 29425012 | A | G | 0.005 | 0.001 | 0.431 | 4.93E−09 |
| rs10026643 | 4 | 34567053 | A | T | 0.008 | 0.001 | 0.194 | 1.07E−10 |
| rs2581458 | 4 | 41976207 | T | G | 0.007 | 0.001 | 0.193 | 8.50E−09 |
| rs10517119 | 4 | 44859711 | A | G | 0.005 | 0.001 | 0.324 | 2.47E−08 |
| rs4860090 | 4 | 62103999 | A | G | −0.005 | 0.001 | 0.4 | 3.37E−08 |
| rs6812227 | 4 | 79582594 | A | G | −0.007 | 0.001 | 0.26 | 2.48E−11 |
| rs1132460 | 4 | 80782552 | A | G | −0.006 | 0.001 | 0.367 | 2.12E−09 |
| rs2011962 | 4 | 82220324 | A | C | −0.007 | 0.001 | 0.268 | 1.18E−11 |
| rs79517939 | 4 | 90513701 | A | G | −0.011 | 0.002 | 0.078 | 2.10E−10 |
| rs356179 | 4 | 90628439 | C | G | −0.009 | 0.001 | 0.336 | 1.89E−19 |
| rs35914621 | 4 | 91109663 | CA | C | 0.006 | 0.001 | 0.42 | 1.35E−11 |
| rs11730384 | 4 | 99477344 | A | G | 0.006 | 0.001 | 0.34 | 1.39E−09 |
| rs11940529 | 4 | 99900872 | T | C | 0.006 | 0.001 | 0.388 | 5.99E−10 |
| rs62307308 | 4 | 101608082 | A | C | −0.007 | 0.001 | 0.357 | 1.08E−11 |
| rs13107325 | 4 | 103188709 | T | C | 0.017 | 0.002 | 0.081 | 6.80E−24 |
| rs2903385 | 4 | 106094427 | A | G | 0.008 | 0.001 | 0.493 | 5.45E−20 |
| rs13108200 | 4 | 112822393 | A | T | −0.007 | 0.001 | 0.33 | 1.57E−12 |
| rs6533604 | 4 | 113250269 | T | C | 0.006 | 0.001 | 0.237 | 1.98E−08 |
| rs45510091 | 4 | 123186393 | A | G | 0.013 | 0.002 | 0.051 | 2.42E−10 |
| rs7657954 | 4 | 130778064 | A | G | 0.006 | 0.001 | 0.286 | 1.87E−10 |
| rs3733421 | 4 | 149002841 | T | C | 0.005 | 0.001 | 0.422 | 4.94E−08 |
| rs1820514 | 4 | 159842155 | T | G | −0.005 | 0.001 | 0.426 | 4.27E−08 |
| rs11729015 | 4 | 164569660 | A | C | −0.006 | 0.001 | 0.488 | 2.15E−12 |
| rs11724690 | 4 | 186764747 | T | G | −0.006 | 0.001 | 0.295 | 2.88E−09 |
| rs147728881 | 5 | 3249230 | CT | C | −0.007 | 0.001 | 0.204 | 5.64E−09 |
| rs4454035 | 5 | 7245102 | A | G | 0.006 | 0.001 | 0.419 | 4.31E−10 |
| rs74730018 | 5 | 7413864 | C | G | −0.009 | 0.002 | 0.088 | 1.37E−08 |
| rs111931394 | 5 | 7423717 | A | G | 0.006 | 0.001 | 0.288 | 5.84E−10 |
| rs6872919 | 5 | 25086440 | A | C | 0.006 | 0.001 | 0.43 | 8.52E−10 |
| rs34971686 | 5 | 30644030 | T | C | −0.009 | 0.001 | 0.107 | 3.69E−10 |
| rs1921087 | 5 | 30839607 | A | C | −0.006 | 0.001 | 0.451 | 6.74E−10 |
| rs1032712 | 5 | 31062973 | A | T | −0.006 | 0.001 | 0.339 | 1.53E−08 |
| rs13172940 | 5 | 31206601 | A | T | −0.006 | 0.001 | 0.274 | 2.28E−08 |
| rs77176363 | 5 | 50455839 | A | G | −0.009 | 0.001 | 0.189 | 1.07E−15 |
| rs6449590 | 5 | 61520665 | T | G | 0.007 | 0.001 | 0.477 | 2.82E−14 |
| rs112088258 | 5 | 61538183 | CT | C | 0.009 | 0.002 | 0.098 | 4.84E−09 |
| rs669245 | 5 | 62820508 | T | C | 0.005 | 0.001 | 0.407 | 8.39E−09 |
| rs6864168 | 5 | 63962299 | T | C | −0.005 | 0.001 | 0.456 | 6.38E−09 |
| rs62363245 | 5 | 71510892 | T | C | −0.006 | 0.001 | 0.335 | 1.11E−09 |
| rs11949379 | 5 | 71998112 | A | G | 0.006 | 0.001 | 0.202 | 3.36E−08 |
| rs7708900 | 5 | 85374831 | T | G | 0.006 | 0.001 | 0.448 | 3.14E−10 |
| rs34164261 | 5 | 87603874 | G | GA | −0.009 | 0.001 | 0.245 | 1.91E−18 |
| rs26582 | 5 | 87950290 | A | G | 0.006 | 0.001 | 0.29 | 1.22E−08 |
| rs77315727 | 5 | 88010323 | G | GT | 0.005 | 0.001 | 0.445 | 5.58E−09 |
| rs4492142 | 5 | 90926353 | T | G | −0.005 | 0.001 | 0.495 | 2.64E−08 |
| rs34315689 | 5 | 91611580 | A | C | 0.007 | 0.001 | 0.229 | 2.63E−10 |
| rs141283443 | 5 | 91755329 | T | C | −0.02 | 0.004 | 0.017 | 1.60E−08 |
| rs11135493 | 5 | 92171425 | T | C | −0.009 | 0.001 | 0.143 | 1.81E−11 |
| rs10066873 | 5 | 93283219 | A | T | 0.009 | 0.001 | 0.221 | 3.02E−15 |
| rs1913499 | 5 | 101983210 | A | G | 0.006 | 0.001 | 0.296 | 1.19E−08 |
| rs2569013 | 5 | 102641571 | A | G | 0.008 | 0.001 | 0.355 | 2.91E−15 |
| rs2431108 | 5 | 103947968 | T | C | −0.011 | 0.001 | 0.333 | 4.61E−29 |
| rs71588376 | 5 | 104219048 | A | T | −0.01 | 0.002 | 0.078 | 2.23E−09 |
| rs34586 | 5 | 106639865 | A | T | 0.005 | 0.001 | 0.372 | 3.57E−08 |
| rs152555 | 5 | 106849674 | A | G | −0.008 | 0.001 | 0.138 | 7.30E−10 |
| rs6879279 | 5 | 106878792 | C | G | 0.008 | 0.001 | 0.151 | 3.68E−10 |
| rs37445 | 5 | 106899684 | A | G | −0.007 | 0.001 | 0.394 | 3.00E−12 |
| rs71575448 | 5 | 106918329 | A | G | 0.011 | 0.001 | 0.129 | 5.75E−16 |
| rs13170988 | 5 | 107112774 | T | C | 0.005 | 0.001 | 0.35 | 1.60E−08 |
| rs9328022 | 5 | 107177639 | A | T | −0.009 | 0.001 | 0.152 | 1.92E−13 |
| rs872621 | 5 | 111099116 | A | C | 0.005 | 0.001 | 0.468 | 3.91E−09 |
| rs62372418 | 5 | 111479750 | T | C | 0.006 | 0.001 | 0.281 | 2.85E−08 |
| rs11954162 | 5 | 120138772 | A | C | −0.008 | 0.001 | 0.29 | 7.60E−16 |
| rs7733986 | 5 | 122010080 | C | G | 0.007 | 0.001 | 0.169 | 4.42E−08 |
| rs35681248 | 5 | 135636996 | T | C | −0.013 | 0.001 | 0.114 | 8.91E−20 |
| rs346630 | 5 | 135747999 | A | T | −0.006 | 0.001 | 0.391 | 2.01E−09 |
| rs10043722 | 5 | 138236941 | A | G | −0.007 | 0.001 | 0.411 | 8.64E−14 |
| rs251369 | 5 | 140242479 | A | T | −0.005 | 0.001 | 0.34 | 4.76E−08 |
| rs6888135 | 5 | 141254063 | A | C | 0.005 | 0.001 | 0.498 | 6.58E−09 |
| rs4912844 | 5 | 141691371 | A | C | −0.007 | 0.001 | 0.231 | 8.24E−11 |
| rs463245 | 5 | 143898188 | T | C | −0.006 | 0.001 | 0.395 | 5.89E−11 |
| rs35056272 | 5 | 144073325 | A | C | 0.007 | 0.001 | 0.175 | 8.07E−09 |
| rs6580564 | 5 | 148092126 | T | G | −0.005 | 0.001 | 0.382 | 1.64E−08 |
| rs10045427 | 5 | 148869387 | A | C | −0.006 | 0.001 | 0.276 | 4.11E−09 |
| rs10035289 | 5 | 153095918 | A | G | 0.008 | 0.001 | 0.464 | 6.05E−19 |
| rs78862758 | 5 | 153227746 | T | C | 0.01 | 0.002 | 0.105 | 8.09E−11 |
| rs2964773 | 5 | 160910212 | A | G | 0.006 | 0.001 | 0.26 | 3.46E−08 |
| rs11956866 | 5 | 161018271 | T | G | 0.006 | 0.001 | 0.431 | 1.25E−10 |
| rs62383290 | 5 | 165420956 | A | G | −0.009 | 0.002 | 0.088 | 4.05E−08 |
| rs9313374 | 5 | 166810007 | A | T | −0.006 | 0.001 | 0.466 | 1.23E−09 |
| rs879483 | 5 | 175280111 | A | G | −0.005 | 0.001 | 0.495 | 7.98E−09 |
| rs6878050 | 5 | 176481144 | A | G | 0.007 | 0.001 | 0.176 | 8.49E−10 |
| rs4290977 | 5 | 179515597 | A | G | −0.006 | 0.001 | 0.329 | 2.60E−09 |
| rs675209 | 6 | 7102084 | T | C | 0.006 | 0.001 | 0.268 | 3.49E−08 |
| rs377472105 | 6 | 7315496 | A | C | −0.007 | 0.001 | 0.185 | 5.48E−09 |
| rs35056688 | 6 | 12955104 | T | C | 0.006 | 0.001 | 0.238 | 1.90E−08 |
| rs3864311 | 6 | 13192759 | T | G | 0.005 | 0.001 | 0.323 | 4.04E−08 |
| rs427597 | 6 | 14915678 | A | G | −0.007 | 0.001 | 0.257 | 1.70E−10 |
| rs1397844 | 6 | 24006893 | T | C | −0.007 | 0.001 | 0.193 | 3.25E−10 |
| rs198847 | 6 | 26106619 | A | C | −0.005 | 0.001 | 0.381 | 1.92E−08 |
| rs2066295 | 6 | 26168903 | A | G | −0.008 | 0.001 | 0.243 | 2.42E−14 |
| rs550539952 | 6 | 27199327 | CAAAAAAAAAAAA | C | 0.008 | 0.001 | 0.165 | 7.50E−12 |
| rs113627971 | 6 | 28775382 | A | G | −0.017 | 0.003 | 0.024 | 8.54E−09 |
| rs7761547 | 6 | 28936616 | T | C | −0.006 | 0.001 | 0.415 | 1.16E−09 |
| rs62405961 | 6 | 29126495 | A | T | 0.023 | 0.004 | 0.013 | 1.47E−08 |
| rs1419636 | 6 | 29355702 | A | G | −0.006 | 0.001 | 0.318 | 1.80E−08 |
| rs28359963 | 6 | 29574476 | T | C | −0.007 | 0.001 | 0.175 | 4.24E−09 |
| rs72848606 | 6 | 29832174 | A | C | 0.007 | 0.001 | 0.23 | 2.20E−10 |
| rs261945 | 6 | 30272417 | C | G | −0.007 | 0.001 | 0.372 | 4.09E−13 |
| rs55777621 | 6 | 30584133 | A | G | 0.019 | 0.002 | 0.036 | 1.99E−14 |
| rs2523578 | 6 | 31328542 | A | G | 0.007 | 0.001 | 0.251 | 2.72E−10 |
| rs9271763 | 6 | 32594061 | A | G | −0.005 | 0.001 | 0.471 | 3.83E−08 |
| rs6942045 | 6 | 33351696 | T | C | −0.007 | 0.001 | 0.281 | 1.28E−11 |
| rs114993678 | 6 | 33388894 | C | G | −0.012 | 0.002 | 0.07 | 7.02E−12 |
| rs10947428 | 6 | 33647058 | T | C | −0.012 | 0.001 | 0.209 | 1.73E−24 |
| rs9462029 | 6 | 34815203 | A | G | −0.009 | 0.001 | 0.17 | 7.48E−14 |
| rs111973424 | 6 | 34835942 | C | G | 0.016 | 0.003 | 0.026 | 4.30E−08 |
| rs10807147 | 6 | 35119287 | A | G | −0.005 | 0.001 | 0.335 | 2.82E−08 |
| rs6916856 | 6 | 37660117 | A | G | −0.008 | 0.001 | 0.343 | 9.11E−16 |
| rs9632491 | 6 | 37690961 | A | G | −0.006 | 0.001 | 0.301 | 5.92E−10 |
| rs259720 | 6 | 37791578 | T | G | 0.005 | 0.001 | 0.422 | 5.32E−09 |
| rs68030046 | 6 | 38225170 | A | G | −0.01 | 0.002 | 0.068 | 1.06E−08 |
| rs112157504 | 6 | 38428133 | A | G | 0.01 | 0.002 | 0.099 | 1.79E−10 |
| rs9394502 | 6 | 38452503 | T | C | −0.009 | 0.001 | 0.345 | 3.53E−20 |
| rs9367074 | 6 | 40695508 | A | G | 0.006 | 0.001 | 0.313 | 1.08E−09 |
| rs62396748 | 6 | 41782007 | A | G | 0.007 | 0.001 | 0.447 | 3.24E−14 |
| rs833061 | 6 | 43737486 | T | C | 0.006 | 0.001 | 0.494 | 1.15E−11 |
| rs16895508 | 6 | 65288917 | T | G | −0.009 | 0.001 | 0.138 | 3.42E−11 |
| rs2256337 | 6 | 69345483 | T | G | −0.006 | 0.001 | 0.36 | 7.07E−09 |
| rs13191563 | 6 | 69713057 | A | G | −0.006 | 0.001 | 0.228 | 4.05E−09 |
| rs615526 | 6 | 71575487 | A | G | 0.006 | 0.001 | 0.327 | 5.28E−09 |
| rs1204329 | 6 | 72427738 | A | G | −0.005 | 0.001 | 0.329 | 2.94E−08 |
| rs9342993 | 6 | 73693481 | A | G | 0.008 | 0.001 | 0.145 | 9.18E−11 |
| rs16885957 | 6 | 83903633 | T | TG | −0.006 | 0.001 | 0.229 | 1.77E−08 |
| rs62414180 | 6 | 93912664 | A | G | 0.008 | 0.001 | 0.156 | 2.01E−09 |
| rs9452444 | 6 | 94510338 | T | C | −0.006 | 0.001 | 0.452 | 2.74E−11 |
| rs9375945 | 6 | 99596629 | A | T | −0.007 | 0.001 | 0.426 | 8.51E−15 |
| rs240110 | 6 | 101059629 | T | C | 0.007 | 0.001 | 0.452 | 1.31E−14 |
| rs314281 | 6 | 105400605 | T | C | −0.008 | 0.001 | 0.452 | 1.41E−16 |
| rs6149792 | 6 | 124259133 | T | TGAATCTGATGCACACAGCTTCATGAGAAAACAAGC | −0.005 | 0.001 | 0.374 | 1.13E−08 |
| rs62429521 | 6 | 140324582 | A | C | 0.008 | 0.001 | 0.146 | 4.72E−09 |
| rs1789695 | 6 | 147979815 | A | C | −0.008 | 0.001 | 0.314 | 1.08E−14 |
| rs13210756 | 6 | 163009030 | A | T | −0.009 | 0.001 | 0.122 | 1.81E−11 |
| rs62444044 | 6 | 165535779 | T | C | 0.007 | 0.001 | 0.171 | 3.72E−08 |
| rs55790766 | 7 | 2021248 | T | C | −0.008 | 0.001 | 0.204 | 1.02E−11 |
| rs73033403 | 7 | 2877941 | A | G | 0.008 | 0.001 | 0.129 | 3.11E−09 |
| rs11762962 | 7 | 3324971 | A | G | 0.007 | 0.001 | 0.335 | 8.88E−12 |
| rs12540241 | 7 | 3824141 | A | T | −0.008 | 0.001 | 0.197 | 4.29E−12 |
| rs75218827 | 7 | 3996159 | T | C | 0.023 | 0.003 | 0.026 | 2.73E−15 |
| rs62438179 | 7 | 4150203 | C | G | 0.01 | 0.001 | 0.118 | 2.06E−11 |
| rs138713861 | 7 | 6660196 | T | TCCTTCCTTC | −0.005 | 0.001 | 0.496 | 1.77E−08 |
| rs5010183 | 7 | 7286198 | T | C | 0.006 | 0.001 | 0.368 | 4.14E−09 |
| rs4721061 | 7 | 12267559 | C | G | 0.007 | 0.001 | 0.407 | 1.52E−12 |
| rs12333379 | 7 | 14419196 | T | G | 0.006 | 0.001 | 0.366 | 8.26E−09 |
| rs2158414 | 7 | 21491021 | T | C | 0.006 | 0.001 | 0.34 | 7.20E−11 |
| rs7805564 | 7 | 24050616 | T | C | 0.012 | 0.002 | 0.049 | 7.75E−09 |
| rs5883355 | 7 | 32494477 | G | GA | −0.006 | 0.001 | 0.328 | 3.00E−09 |
| rs62442231 | 7 | 39200463 | A | C | 0.007 | 0.001 | 0.135 | 3.16E−08 |
| rs10234070 | 7 | 44537696 | T | C | 0.008 | 0.001 | 0.114 | 5.12E−09 |
| rs73696927 | 7 | 48736078 | C | G | −0.008 | 0.001 | 0.15 | 4.93E−09 |
| rs11765062 | 7 | 54417515 | T | C | 0.005 | 0.001 | 0.454 | 8.37E−09 |
| rs60510343 | 7 | 68397577 | A | T | 0.005 | 0.001 | 0.436 | 1.52E−08 |
| rs7803932 | 7 | 70203673 | A | G | −0.008 | 0.001 | 0.161 | 1.08E−09 |
| rs11984380 | 7 | 70481029 | A | G | 0.006 | 0.001 | 0.464 | 7.19E−12 |
| rs35659126 | 7 | 72988069 | T | C | −0.007 | 0.001 | 0.189 | 4.25E−10 |
| rs1468774 | 7 | 78154564 | C | G | −0.005 | 0.001 | 0.424 | 3.78E−09 |
| rs2371213 | 7 | 82397302 | A | G | 0.005 | 0.001 | 0.403 | 1.09E−08 |
| rs10269321 | 7 | 82714659 | T | C | −0.007 | 0.001 | 0.306 | 5.84E−11 |
| rs11980428 | 7 | 88358953 | A | G | 0.009 | 0.001 | 0.124 | 1.06E−11 |
| rs6965799 | 7 | 94123235 | T | G | 0.006 | 0.001 | 0.471 | 8.23E−10 |
| rs79199510 | 7 | 94392491 | T | C | 0.009 | 0.002 | 0.094 | 1.02E−08 |
| rs66526712 | 7 | 102086396 | T | C | 0.006 | 0.001 | 0.288 | 2.64E−08 |
| rs6949391 | 7 | 102446863 | T | C | −0.006 | 0.001 | 0.342 | 3.83E−09 |
| rs112583482 | 7 | 104588161 | T | C | 0.006 | 0.001 | 0.301 | 2.02E−09 |
| rs76924513 | 7 | 107205887 | T | C | 0.008 | 0.001 | 0.172 | 1.72E−10 |
| rs10254670 | 7 | 108272886 | C | G | 0.01 | 0.001 | 0.115 | 7.80E−13 |
| rs12705499 | 7 | 108398871 | T | C | −0.008 | 0.001 | 0.145 | 5.53E−09 |
| rs1513922 | 7 | 108624433 | A | G | 0.01 | 0.001 | 0.227 | 1.71E−19 |
| rs1608751 | 7 | 108778283 | T | C | −0.006 | 0.001 | 0.36 | 9.93E−10 |
| rs4570089 | 7 | 109164891 | A | T | 0.008 | 0.001 | 0.469 | 2.19E−17 |
| rs2528691 | 7 | 111228448 | A | G | 0.006 | 0.001 | 0.494 | 2.26E−09 |
| rs4730611 | 7 | 113607915 | A | G | 0.007 | 0.001 | 0.36 | 4.52E−13 |
| rs8180817 | 7 | 114047542 | C | G | −0.009 | 0.001 | 0.447 | 1.39E−23 |
| rs76915923 | 7 | 114387517 | T | TGC | −0.006 | 0.001 | 0.357 | 1.15E−09 |
| rs73201936 | 7 | 115034944 | T | C | −0.012 | 0.002 | 0.07 | 9.16E−11 |
| rs1358393 | 7 | 115086427 | T | G | −0.01 | 0.001 | 0.491 | 1.03E−28 |
| rs35590186 | 7 | 116447486 | A | C | −0.007 | 0.001 | 0.216 | 1.50E−09 |
| rs1156954 | 7 | 117594838 | A | G | 0.006 | 0.001 | 0.327 | 1.69E−10 |
| rs62472321 | 7 | 120105510 | A | G | 0.017 | 0.002 | 0.037 | 1.29E−11 |
| rs7778413 | 7 | 127357716 | T | C | −0.008 | 0.001 | 0.17 | 1.21E−10 |
| rs56182580 | 7 | 132691858 | T | C | −0.009 | 0.001 | 0.271 | 9.49E−20 |
| rs2544211 | 7 | 133973230 | A | G | −0.006 | 0.001 | 0.469 | 1.48E−09 |
| rs1731951 | 7 | 137075847 | A | T | −0.006 | 0.001 | 0.448 | 1.44E−10 |
| rs13269117 | 8 | 4786136 | A | G | −0.006 | 0.001 | 0.403 | 1.08E−10 |
| rs6601426 | 8 | 10128683 | C | G | 0.007 | 0.001 | 0.156 | 1.72E−08 |
| rs4831647 | 8 | 14630054 | A | G | −0.005 | 0.001 | 0.446 | 2.86E−09 |
| rs11204123 | 8 | 20519467 | T | C | −0.006 | 0.001 | 0.253 | 4.26E−08 |
| rs2616192 | 8 | 20668624 | T | G | 0.006 | 0.001 | 0.315 | 5.43E−09 |
| rs751680 | 8 | 22475627 | A | G | −0.006 | 0.001 | 0.36 | 7.44E−09 |
| rs62501777 | 8 | 25930846 | A | G | 0.006 | 0.001 | 0.253 | 1.67E−08 |
| rs10110224 | 8 | 27617978 | T | C | −0.005 | 0.001 | 0.478 | 1.49E−08 |
| rs2344121 | 8 | 30841522 | A | G | 0.007 | 0.001 | 0.465 | 1.65E−15 |
| rs1383890 | 8 | 31721207 | T | C | −0.005 | 0.001 | 0.426 | 4.37E−08 |
| rs79050075 | 8 | 33629400 | CT | C | −0.005 | 0.001 | 0.364 | 2.69E−08 |
| rs62505639 | 8 | 35010162 | T | C | −0.008 | 0.001 | 0.162 | 9.54E−10 |
| rs573937698 | 8 | 35192036 | A | AT | −0.006 | 0.001 | 0.428 | 7.63E−12 |
| rs5891160 | 8 | 41481304 | T | TCAGA | 0.005 | 0.001 | 0.46 | 1.28E−08 |
| rs12677105 | 8 | 56752872 | A | G | 0.006 | 0.001 | 0.323 | 8.59E−09 |
| rs10092649 | 8 | 59802662 | A | C | −0.005 | 0.001 | 0.417 | 2.92E−08 |
| rs77952793 | 8 | 60843497 | T | C | −0.012 | 0.002 | 0.055 | 8.42E−10 |
| rs643730 | 8 | 60913033 | C | G | 0.008 | 0.001 | 0.358 | 9.26E−16 |
| rs77753524 | 8 | 61717158 | A | G | −0.011 | 0.002 | 0.059 | 6.52E−09 |
| rs10957292 | 8 | 64601319 | A | T | −0.014 | 0.002 | 0.053 | 5.21E−11 |
| rs298195 | 8 | 65240584 | T | C | −0.01 | 0.002 | 0.068 | 2.71E−08 |
| rs10104523 | 8 | 73889570 | T | C | −0.007 | 0.001 | 0.468 | 9.06E−13 |
| rs35862289 | 8 | 74794168 | C | G | 0.009 | 0.001 | 0.111 | 9.32E−10 |
| rs1070036 | 8 | 77004626 | A | G | −0.006 | 0.001 | 0.415 | 1.66E−10 |
| rs4735738 | 8 | 77611625 | A | G | −0.008 | 0.001 | 0.156 | 2.09E−10 |
| rs4409363 | 8 | 82788255 | T | C | 0.005 | 0.001 | 0.42 | 3.90E−08 |
| rs34394839 | 8 | 91019051 | A | G | 0.006 | 0.001 | 0.321 | 9.97E−10 |
| rs6999291 | 8 | 91397407 | T | C | 0.006 | 0.001 | 0.36 | 8.79E−10 |
| rs62530187 | 8 | 91617934 | A | G | −0.01 | 0.001 | 0.161 | 2.36E−16 |
| rs2920939 | 8 | 93182601 | A | G | 0.006 | 0.001 | 0.395 | 1.28E−09 |
| rs7844069 | 8 | 93277087 | T | G | 0.006 | 0.001 | 0.414 | 2.88E−11 |
| rs60212314 | 8 | 94359682 | A | G | 0.007 | 0.001 | 0.181 | 5.34E−09 |
| rs56402193 | 8 | 94629969 | A | G | −0.007 | 0.001 | 0.329 | 3.58E−13 |
| rs11412375 | 8 | 97449101 | CT | C | −0.005 | 0.001 | 0.419 | 4.81E−08 |
| rs28552587 | 8 | 103356226 | A | G | 0.006 | 0.001 | 0.435 | 2.20E−11 |
| 8:104648730\_CCCTGGGA\_C | 8 | 104648730 | CCCTGGGA | C | −0.008 | 0.001 | 0.161 | 7.57E−10 |
| rs776935 | 8 | 107747281 | A | G | 0.009 | 0.001 | 0.181 | 1.09E−12 |
| rs1532797 | 8 | 113992579 | T | C | −0.005 | 0.001 | 0.445 | 5.55E−09 |
| rs7822999 | 8 | 114544359 | A | G | 0.013 | 0.002 | 0.041 | 7.94E−09 |
| rs62511348 | 8 | 117428055 | T | G | 0.007 | 0.001 | 0.19 | 1.06E−08 |
| rs6471065 | 8 | 133404011 | T | C | −0.007 | 0.001 | 0.199 | 4.89E−10 |
| rs2242090 | 8 | 144688736 | C | G | −0.007 | 0.001 | 0.465 | 2.30E−13 |
| rs17727688 | 9 | 3132209 | A | G | −0.006 | 0.001 | 0.35 | 2.61E−10 |
| rs7873658 | 9 | 3246232 | T | C | 0.008 | 0.001 | 0.128 | 3.57E−09 |
| rs2791756 | 9 | 4142506 | A | C | 0.005 | 0.001 | 0.434 | 2.74E−08 |
| rs10758594 | 9 | 4295583 | A | G | −0.005 | 0.001 | 0.432 | 6.41E−09 |
| rs7042696 | 9 | 8271465 | T | C | 0.007 | 0.001 | 0.144 | 3.89E−08 |
| rs547235533 | 9 | 8825505 | T | TA | −0.019 | 0.003 | 0.019 | 1.44E−08 |
| rs118166957 | 9 | 8858043 | T | C | 0.012 | 0.001 | 0.155 | 2.46E−20 |
| rs10816027 | 9 | 8982620 | A | C | −0.007 | 0.001 | 0.206 | 7.94E−09 |
| rs1322304 | 9 | 10523383 | A | T | 0.005 | 0.001 | 0.498 | 5.35E−09 |
| rs2130121 | 9 | 11196733 | T | C | −0.006 | 0.001 | 0.428 | 1.04E−09 |
| rs10756553 | 9 | 14458975 | A | G | −0.007 | 0.001 | 0.461 | 6.91E−13 |
| rs7852414 | 9 | 14499635 | T | C | −0.006 | 0.001 | 0.189 | 3.79E−08 |
| rs10756571 | 9 | 14534505 | T | C | 0.006 | 0.001 | 0.298 | 1.34E−08 |
| rs393488 | 9 | 17044971 | A | T | −0.006 | 0.001 | 0.462 | 1.41E−10 |
| rs7032599 | 9 | 19481868 | T | G | 0.005 | 0.001 | 0.344 | 3.86E−08 |
| rs55863203 | 9 | 23827667 | C | G | 0.01 | 0.001 | 0.159 | 2.94E−15 |
| rs3824345 | 9 | 37026000 | A | T | −0.008 | 0.001 | 0.368 | 9.51E−16 |
| rs9777373 | 9 | 77044393 | A | G | −0.006 | 0.001 | 0.279 | 1.57E−09 |
| rs990559 | 9 | 78823996 | T | G | −0.006 | 0.001 | 0.288 | 4.97E−08 |
| rs7867205 | 9 | 81436959 | A | G | −0.005 | 0.001 | 0.427 | 4.64E−09 |
| rs35820496 | 9 | 81746592 | CA | C | 0.008 | 0.001 | 0.44 | 1.80E−16 |
| rs1328435 | 9 | 82740594 | T | G | 0.006 | 0.001 | 0.343 | 1.60E−09 |
| rs7023933 | 9 | 96225478 | A | T | −0.008 | 0.001 | 0.166 | 3.21E−10 |
| rs10992756 | 9 | 96253439 | T | C | 0.009 | 0.001 | 0.345 | 2.53E−21 |
| rs4744276 | 9 | 96482685 | T | G | −0.006 | 0.001 | 0.411 | 1.37E−10 |
| rs7853585 | 9 | 102984219 | A | C | −0.01 | 0.001 | 0.105 | 4.95E−12 |
| rs10817718 | 9 | 117925945 | A | G | −0.007 | 0.001 | 0.301 | 2.40E−11 |
| rs4595203 | 9 | 120520136 | A | G | −0.011 | 0.001 | 0.252 | 8.73E−26 |
| rs4416895 | 9 | 120545487 | T | C | 0.006 | 0.001 | 0.493 | 4.56E−10 |
| rs61176922 | 9 | 120624890 | A | G | 0.006 | 0.001 | 0.338 | 3.12E−09 |
| rs35785241 | 9 | 120682360 | A | T | −0.015 | 0.002 | 0.05 | 2.82E−12 |
| rs10818399 | 9 | 122657003 | C | G | −0.006 | 0.001 | 0.391 | 1.33E−11 |
| rs2792990 | 9 | 125621610 | C | G | 0.013 | 0.001 | 0.142 | 1.73E−23 |
| rs803728 | 9 | 125969655 | A | T | 0.006 | 0.001 | 0.363 | 1.07E−09 |
| rs2502817 | 9 | 130971586 | T | C | −0.006 | 0.001 | 0.356 | 1.75E−09 |
| rs10819613 | 9 | 132966269 | T | C | −0.006 | 0.001 | 0.34 | 2.19E−10 |
| rs10125388 | 9 | 133788595 | A | G | −0.007 | 0.001 | 0.407 | 2.91E−12 |
| rs9411339 | 9 | 134928657 | T | G | −0.006 | 0.001 | 0.322 | 2.14E−09 |
| rs72766657 | 9 | 136953818 | T | C | 0.008 | 0.001 | 0.13 | 1.70E−08 |
| rs1105175 | 9 | 137828243 | A | C | −0.005 | 0.001 | 0.448 | 1.46E−08 |
| rs66860538 | 9 | 137966452 | A | C | −0.005 | 0.001 | 0.318 | 4.53E−08 |
| rs12684650 | 9 | 139110654 | T | C | −0.008 | 0.001 | 0.304 | 4.95E−15 |
| 9:140226457\_G\_A | 9 | 140226457 | A | G | 0.012 | 0.002 | 0.054 | 2.07E−08 |
| 9:140265782\_C\_T | 9 | 140265782 | T | C | 0.017 | 0.001 | 0.122 | 5.49E−33 |
| rs12775090 | 10 | 7450208 | A | G | 0.007 | 0.001 | 0.165 | 3.01E−08 |
| rs61833864 | 10 | 13498095 | T | C | −0.01 | 0.002 | 0.096 | 1.21E−10 |
| rs10906391 | 10 | 13523937 | T | C | 0.006 | 0.001 | 0.325 | 4.67E−11 |
| rs1416901 | 10 | 21820453 | A | G | 0.008 | 0.001 | 0.353 | 3.74E−15 |
| rs9943377 | 10 | 25032080 | A | G | 0.007 | 0.001 | 0.365 | 3.84E−13 |
| rs117404983 | 10 | 30512205 | T | C | −0.015 | 0.003 | 0.031 | 3.33E−08 |
| rs12356643 | 10 | 43750452 | A | G | 0.007 | 0.001 | 0.18 | 3.49E−09 |
| rs11004838 | 10 | 57180229 | T | C | 0.006 | 0.001 | 0.497 | 9.05E−10 |
| rs224139 | 10 | 64473716 | A | T | 0.006 | 0.001 | 0.449 | 5.99E−10 |
| rs7924036 | 10 | 65191645 | T | G | −0.005 | 0.001 | 0.488 | 1.30E−08 |
| rs7072222 | 10 | 68396283 | T | G | −0.005 | 0.001 | 0.416 | 3.41E−08 |
| rs61869916 | 10 | 70603804 | T | C | −0.006 | 0.001 | 0.289 | 2.39E−08 |
| rs111296206 | 10 | 70718159 | A | G | 0.013 | 0.002 | 0.045 | 5.56E−09 |
| rs2395137 | 10 | 76847993 | C | G | 0.006 | 0.001 | 0.418 | 1.20E−11 |
| rs1407736 | 10 | 77620021 | T | C | 0.006 | 0.001 | 0.3 | 3.14E−09 |
| rs566903 | 10 | 84584434 | A | C | 0.006 | 0.001 | 0.336 | 7.94E−09 |
| rs188189626 | 10 | 101496510 | A | T | 0.013 | 0.002 | 0.038 | 3.28E−08 |
| rs111374164 | 10 | 103138554 | T | TTACAGGCA | −0.006 | 0.001 | 0.455 | 1.81E−09 |
| rs11191434 | 10 | 104637508 | T | C | 0.011 | 0.002 | 0.079 | 5.27E−10 |
| rs35435808 | 10 | 105180910 | T | C | −0.006 | 0.001 | 0.362 | 6.72E−10 |
| rs56093138 | 10 | 105617908 | A | C | −0.006 | 0.001 | 0.308 | 1.19E−08 |
| rs35723963 | 10 | 105966929 | T | TA | 0.005 | 0.001 | 0.312 | 3.91E−08 |
| rs9787523 | 10 | 106460460 | T | C | 0.008 | 0.001 | 0.423 | 7.25E−16 |
| rs1331156 | 10 | 107920521 | A | G | 0.007 | 0.001 | 0.22 | 3.13E−10 |
| rs1724051 | 10 | 108132193 | T | C | −0.005 | 0.001 | 0.383 | 3.03E−08 |
| rs2184796 | 10 | 108537499 | T | C | 0.005 | 0.001 | 0.386 | 8.64E−09 |
| rs72814942 | 10 | 108942660 | T | C | 0.009 | 0.002 | 0.09 | 3.49E−08 |
| rs17130183 | 10 | 114865194 | T | C | 0.009 | 0.001 | 0.141 | 5.51E−11 |
| rs7474668 | 10 | 114878779 | C | G | 0.009 | 0.001 | 0.132 | 7.99E−11 |
| rs7915425 | 10 | 125016501 | T | C | −0.008 | 0.001 | 0.189 | 2.34E−11 |
| rs2065677 | 10 | 129304444 | A | G | 0.006 | 0.001 | 0.239 | 1.88E−08 |
| rs9971199 | 10 | 131686381 | A | C | 0.006 | 0.001 | 0.288 | 6.48E−09 |
| rs79791053 | 10 | 134589735 | A | G | 0.013 | 0.002 | 0.038 | 4.21E−08 |
| rs2748432 | 10 | 134938590 | A | G | 0.006 | 0.001 | 0.261 | 5.27E−09 |
| rs1552514 | 11 | 6356217 | T | G | −0.007 | 0.001 | 0.186 | 9.52E−10 |
| rs7928823 | 11 | 9475372 | A | G | −0.006 | 0.001 | 0.427 | 3.15E−10 |
| rs75742406 | 11 | 17070365 | A | G | −0.008 | 0.001 | 0.25 | 8.24E−13 |
| rs593839 | 11 | 18061927 | T | G | 0.006 | 0.001 | 0.404 | 6.12E−11 |
| rs12284708 | 11 | 24596273 | C | G | 0.006 | 0.001 | 0.367 | 2.46E−11 |
| rs3026411 | 11 | 31801544 | A | T | 0.006 | 0.001 | 0.366 | 6.16E−10 |
| rs1806152 | 11 | 31851040 | T | C | 0.008 | 0.001 | 0.177 | 6.42E−11 |
| rs10837042 | 11 | 38805646 | A | G | 0.007 | 0.001 | 0.379 | 1.99E−12 |
| rs116539780 | 11 | 38953181 | T | C | −0.008 | 0.001 | 0.134 | 1.97E−09 |
| rs72899452 | 11 | 45415577 | T | C | 0.012 | 0.002 | 0.064 | 3.63E−11 |
| rs10838511 | 11 | 45780039 | T | C | 0.011 | 0.002 | 0.07 | 5.41E−09 |
| rs12283653 | 11 | 46231998 | A | G | −0.006 | 0.001 | 0.394 | 3.47E−09 |
| rs150870784 | 11 | 47377415 | A | ACT | −0.008 | 0.001 | 0.327 | 3.54E−16 |
| rs7934304 | 11 | 57061445 | C | G | −0.006 | 0.001 | 0.327 | 5.07E−09 |
| rs12790660 | 11 | 57667222 | T | C | −0.008 | 0.001 | 0.311 | 1.34E−16 |
| rs7940070 | 11 | 62668864 | A | T | 0.008 | 0.001 | 0.297 | 1.53E−15 |
| rs524859 | 11 | 66041079 | A | G | −0.007 | 0.001 | 0.353 | 7.60E−13 |
| rs12272545 | 11 | 66302724 | A | G | 0.01 | 0.001 | 0.236 | 9.94E−20 |
| rs10793032 | 11 | 72249604 | T | C | 0.006 | 0.001 | 0.257 | 4.70E−08 |
| rs79693059 | 11 | 72340686 | C | G | −0.014 | 0.002 | 0.084 | 9.85E−18 |
| rs163694 | 11 | 72388934 | T | C | −0.008 | 0.001 | 0.454 | 4.57E−16 |
| rs505621 | 11 | 83277927 | A | G | 0.006 | 0.001 | 0.369 | 2.54E−11 |
| rs519778 | 11 | 85764693 | T | C | −0.006 | 0.001 | 0.435 | 1.41E−09 |
| rs1939252 | 11 | 88953819 | C | G | −0.007 | 0.001 | 0.473 | 1.15E−14 |
| rs72984318 | 11 | 98951062 | A | T | −0.017 | 0.003 | 0.022 | 3.43E−08 |
| rs10893052 | 11 | 99156092 | A | T | 0.008 | 0.001 | 0.335 | 3.42E−16 |
| rs7110574 | 11 | 107416784 | T | C | −0.006 | 0.001 | 0.362 | 8.72E−10 |
| rs3802847 | 11 | 112912303 | T | C | −0.005 | 0.001 | 0.4 | 6.22E−09 |
| rs1064939 | 11 | 118396331 | A | T | 0.023 | 0.003 | 0.021 | 3.22E−13 |
| rs142192979 | 11 | 121532983 | T | TCAGAGCACAAAGCAGTTTC | −0.005 | 0.001 | 0.464 | 3.81E−08 |
| rs10894504 | 11 | 131985512 | A | G | 0.006 | 0.001 | 0.285 | 2.48E−09 |
| rs329664 | 11 | 133754975 | T | G | −0.006 | 0.001 | 0.44 | 1.74E−10 |
| rs4937860 | 11 | 133814713 | A | G | −0.01 | 0.001 | 0.106 | 2.32E−12 |
| rs58475265 | 11 | 134264142 | T | C | −0.009 | 0.001 | 0.156 | 2.07E−12 |
| rs35745815 | 12 | 199766 | G | GA | −0.005 | 0.001 | 0.407 | 1.11E−08 |
| rs2286729 | 12 | 6873818 | A | G | 0.014 | 0.002 | 0.079 | 8.25E−17 |
| rs547204129 | 12 | 16583547 | A | AT | −0.006 | 0.001 | 0.404 | 3.23E−10 |
| rs10842059 | 12 | 22888753 | A | G | −0.005 | 0.001 | 0.382 | 8.88E−09 |
| rs11047436 | 12 | 24587491 | A | T | 0.005 | 0.001 | 0.343 | 2.26E−08 |
| rs12311881 | 12 | 34036100 | A | G | −0.005 | 0.001 | 0.392 | 3.27E−08 |
| rs10880104 | 12 | 41991750 | A | G | 0.006 | 0.001 | 0.362 | 3.10E−09 |
| rs12814145 | 12 | 42344420 | A | G | −0.006 | 0.001 | 0.395 | 2.51E−09 |
| rs1344829 | 12 | 43495330 | C | G | 0.008 | 0.001 | 0.391 | 1.45E−17 |
| rs12228775 | 12 | 49512760 | T | C | −0.005 | 0.001 | 0.323 | 4.29E−08 |
| rs7308217 | 12 | 54747905 | T | C | 0.009 | 0.002 | 0.104 | 6.56E−09 |
| rs77235310 | 12 | 57343465 | A | G | −0.014 | 0.002 | 0.038 | 4.01E−09 |
| rs703848 | 12 | 57428353 | A | G | 0.008 | 0.001 | 0.301 | 1.44E−14 |
| rs6581124 | 12 | 57545756 | A | G | −0.007 | 0.001 | 0.244 | 1.04E−09 |
| rs78607331 | 12 | 57648644 | T | C | −0.016 | 0.002 | 0.04 | 4.59E−12 |
| rs11172139 | 12 | 57656705 | A | C | −0.007 | 0.001 | 0.494 | 1.89E−13 |
| rs10877022 | 12 | 58223937 | A | G | 0.007 | 0.001 | 0.306 | 8.18E−14 |
| rs10877091 | 12 | 58684175 | T | C | −0.007 | 0.001 | 0.193 | 2.15E−09 |
| rs11173201 | 12 | 60252735 | A | G | 0.007 | 0.001 | 0.251 | 2.74E−10 |
| rs542132735 | 12 | 60955933 | A | AT | 0.006 | 0.001 | 0.201 | 3.60E−08 |
| rs61921611 | 12 | 66367726 | T | C | −0.007 | 0.001 | 0.315 | 1.11E−13 |
| rs10400508 | 12 | 74140119 | A | C | −0.005 | 0.001 | 0.418 | 2.33E−08 |
| rs141478636 | 12 | 74311712 | A | G | 0.01 | 0.002 | 0.071 | 2.72E−08 |
| rs7980124 | 12 | 78771681 | A | G | 0.005 | 0.001 | 0.352 | 2.10E−08 |
| rs12580149 | 12 | 84546006 | A | C | 0.008 | 0.001 | 0.205 | 6.43E−13 |
| rs10862841 | 12 | 84708722 | A | G | 0.007 | 0.001 | 0.276 | 3.27E−11 |
| rs797091 | 12 | 89724927 | T | C | −0.007 | 0.001 | 0.18 | 2.43E−09 |
| rs9943753 | 12 | 109840940 | A | G | −0.007 | 0.001 | 0.363 | 1.24E−13 |
| rs7974266 | 12 | 113007602 | T | C | −0.007 | 0.001 | 0.298 | 6.11E−11 |
| rs9658417 | 12 | 117699505 | T | C | 0.007 | 0.001 | 0.206 | 3.27E−09 |
| rs1846644 | 12 | 117938380 | T | C | 0.008 | 0.001 | 0.401 | 1.51E−16 |
| rs2393330 | 12 | 118403547 | T | C | −0.009 | 0.001 | 0.194 | 2.09E−13 |
| rs585522 | 12 | 123550813 | A | G | −0.011 | 0.001 | 0.225 | 2.35E−23 |
| rs7133378 | 12 | 124409502 | A | G | 0.007 | 0.001 | 0.333 | 4.83E−14 |
| rs9509284 | 13 | 21146232 | A | G | 0.007 | 0.001 | 0.402 | 9.59E−13 |
| rs9543859 | 13 | 31869226 | T | C | −0.009 | 0.001 | 0.119 | 2.75E−10 |
| rs407004 | 13 | 32657434 | C | G | 0.005 | 0.001 | 0.404 | 3.61E−08 |
| rs9315688 | 13 | 40045598 | A | G | −0.006 | 0.001 | 0.412 | 1.42E−11 |
| rs7335883 | 13 | 53610077 | T | G | 0.008 | 0.001 | 0.496 | 1.52E−16 |
| rs4304930 | 13 | 53890318 | A | C | 0.015 | 0.001 | 0.461 | 9.20E−61 |
| rs9527073 | 13 | 53944152 | T | C | 0.013 | 0.002 | 0.092 | 2.91E−17 |
| rs79204944 | 13 | 53969796 | A | G | 0.015 | 0.002 | 0.052 | 2.40E−12 |
| rs117806190 | 13 | 53970021 | A | G | −0.019 | 0.003 | 0.02 | 1.92E−08 |
| rs117630493 | 13 | 54018867 | C | G | −0.015 | 0.003 | 0.032 | 1.40E−08 |
| rs77670624 | 13 | 54048814 | A | T | −0.014 | 0.002 | 0.088 | 2.18E−17 |
| rs2051121 | 13 | 54451650 | T | C | 0.007 | 0.001 | 0.409 | 1.14E−14 |
| rs61956190 | 13 | 54705491 | A | G | −0.009 | 0.001 | 0.13 | 1.39E−11 |
| rs139963101 | 13 | 60445329 | T | G | −0.016 | 0.002 | 0.062 | 4.46E−16 |
| rs3078745 | 13 | 60831029 | G | GTA | 0.006 | 0.001 | 0.459 | 7.97E−11 |
| rs9563886 | 13 | 61720066 | T | C | −0.005 | 0.001 | 0.394 | 1.29E−08 |
| rs9317586 | 13 | 66966427 | A | C | 0.008 | 0.001 | 0.488 | 3.13E−18 |
| rs1925750 | 13 | 67831033 | A | G | −0.006 | 0.001 | 0.284 | 3.55E−09 |
| rs1876400 | 13 | 69364262 | C | G | −0.006 | 0.001 | 0.392 | 5.13E−11 |
| rs2782446 | 13 | 69891861 | A | G | −0.005 | 0.001 | 0.487 | 2.36E−09 |
| rs7338765 | 13 | 78995749 | T | C | −0.006 | 0.001 | 0.206 | 4.42E−08 |
| rs73532287 | 13 | 85234525 | T | G | 0.008 | 0.001 | 0.189 | 1.76E−12 |
| rs11149313 | 13 | 85294881 | A | G | 0.007 | 0.001 | 0.283 | 3.18E−11 |
| rs1411751 | 13 | 92897508 | A | G | 0.009 | 0.001 | 0.208 | 4.00E−15 |
| rs9561317 | 13 | 93990654 | T | C | 0.009 | 0.001 | 0.133 | 7.65E−11 |
| rs1925107 | 13 | 97010667 | T | C | −0.007 | 0.001 | 0.351 | 2.92E−13 |
| rs143612171 | 13 | 97478841 | C | G | −0.027 | 0.005 | 0.01 | 1.31E−08 |
| rs4772087 | 13 | 99115041 | T | C | 0.005 | 0.001 | 0.369 | 2.56E−08 |
| rs61965119 | 13 | 102376202 | A | G | 0.007 | 0.001 | 0.163 | 8.57E−09 |
| rs17416209 | 13 | 104680169 | T | C | 0.008 | 0.001 | 0.158 | 6.92E−10 |
| rs277848 | 13 | 109749254 | A | G | 0.006 | 0.001 | 0.286 | 6.53E−09 |
| rs275950 | 13 | 109795226 | T | G | −0.006 | 0.001 | 0.352 | 7.10E−10 |
| rs1536053 | 13 | 111982291 | T | C | −0.006 | 0.001 | 0.32 | 5.40E−11 |
| rs61979497 | 14 | 21662129 | A | G | 0.005 | 0.001 | 0.318 | 3.72E−08 |
| rs4981170 | 14 | 33412996 | A | G | −0.01 | 0.001 | 0.192 | 1.84E−16 |
| rs4982026 | 14 | 33421439 | A | G | −0.007 | 0.001 | 0.291 | 6.04E−11 |
| rs10148610 | 14 | 33727126 | T | C | −0.006 | 0.001 | 0.376 | 6.78E−11 |
| rs35677476 | 14 | 33784800 | T | G | 0.006 | 0.001 | 0.226 | 1.17E−08 |
| rs12893801 | 14 | 39392835 | A | G | −0.008 | 0.001 | 0.149 | 6.94E−11 |
| rs11623490 | 14 | 39981786 | A | G | 0.006 | 0.001 | 0.274 | 4.52E−08 |
| rs1980523 | 14 | 40016353 | A | C | 0.008 | 0.001 | 0.144 | 2.20E−10 |
| rs1584317 | 14 | 42213816 | C | G | −0.005 | 0.001 | 0.483 | 5.77E−09 |
| rs34772727 | 14 | 60053085 | A | G | 0.012 | 0.002 | 0.06 | 2.79E−09 |
| rs1007841 | 14 | 69158128 | A | C | 0.005 | 0.001 | 0.373 | 3.18E−08 |
| rs201404034 | 14 | 71292750 | A | AG | 0.007 | 0.001 | 0.248 | 8.98E−11 |
| rs10132606 | 14 | 78367301 | A | G | −0.005 | 0.001 | 0.437 | 3.59E−09 |
| rs3783955 | 14 | 78391709 | C | G | 0.006 | 0.001 | 0.303 | 3.08E−09 |
| rs17836224 | 14 | 80075846 | T | C | −0.006 | 0.001 | 0.398 | 1.36E−10 |
| rs12431506 | 14 | 84917726 | T | C | 0.005 | 0.001 | 0.394 | 4.88E−08 |
| rs61981985 | 14 | 87857894 | A | T | −0.005 | 0.001 | 0.466 | 3.98E−09 |
| rs10137365 | 14 | 94184553 | A | G | 0.006 | 0.001 | 0.348 | 2.55E−09 |
| rs736929 | 14 | 97343323 | T | C | −0.006 | 0.001 | 0.415 | 5.78E−10 |
| rs10143433 | 14 | 98622678 | A | G | 0.007 | 0.001 | 0.206 | 2.42E−09 |
| rs2664299 | 14 | 99742187 | T | C | −0.007 | 0.001 | 0.411 | 1.53E−14 |
| rs911324 | 14 | 101083958 | A | C | −0.006 | 0.001 | 0.336 | 1.77E−09 |
| rs8014069 | 14 | 104004311 | A | C | −0.008 | 0.001 | 0.259 | 8.11E−13 |
| rs4906347 | 14 | 104084841 | T | C | 0.008 | 0.001 | 0.315 | 3.78E−16 |
| rs77614227 | 15 | 36181554 | T | G | −0.012 | 0.002 | 0.058 | 4.74E−09 |
| rs12324269 | 15 | 36392159 | T | G | −0.007 | 0.001 | 0.396 | 8.34E−14 |
| rs8036386 | 15 | 37900445 | A | G | 0.007 | 0.001 | 0.388 | 1.01E−12 |
| rs7173565 | 15 | 38850330 | T | C | −0.009 | 0.001 | 0.268 | 1.65E−19 |
| rs12594473 | 15 | 46042597 | A | G | 0.005 | 0.001 | 0.346 | 3.87E−08 |
| rs1849297 | 15 | 47369916 | A | G | 0.007 | 0.001 | 0.291 | 6.29E−13 |
| rs281222 | 15 | 47715996 | A | G | 0.007 | 0.001 | 0.459 | 5.07E−13 |
| rs652958 | 15 | 48069105 | A | G | −0.005 | 0.001 | 0.343 | 2.12E−08 |
| rs7183479 | 15 | 51942207 | C | G | 0.005 | 0.001 | 0.487 | 1.18E−08 |
| rs2456523 | 15 | 53082481 | T | G | −0.006 | 0.001 | 0.253 | 4.75E−08 |
| rs2615252 | 15 | 57473075 | T | C | −0.006 | 0.001 | 0.43 | 1.27E−11 |
| rs11856510 | 15 | 66696332 | T | G | −0.012 | 0.002 | 0.081 | 1.47E−12 |
| rs8025163 | 15 | 67753692 | T | C | −0.008 | 0.001 | 0.116 | 1.32E−08 |
| rs76157524 | 15 | 74030606 | A | C | −0.013 | 0.002 | 0.055 | 6.11E−11 |
| rs7162423 | 15 | 74052756 | T | C | −0.009 | 0.001 | 0.458 | 2.43E−20 |
| rs4886415 | 15 | 74110567 | T | C | 0.006 | 0.001 | 0.208 | 2.45E−08 |
| rs12917449 | 15 | 74331659 | A | C | −0.01 | 0.001 | 0.187 | 1.49E−18 |
| rs35095870 | 15 | 81053435 | G | GA | −0.006 | 0.001 | 0.456 | 5.42E−10 |
| rs16976763 | 15 | 86941904 | A | C | 0.006 | 0.001 | 0.263 | 4.18E−08 |
| rs176644 | 15 | 89913632 | T | G | 0.005 | 0.001 | 0.411 | 2.38E−08 |
| rs4702 | 15 | 91426560 | A | G | −0.011 | 0.001 | 0.454 | 2.90E−31 |
| rs6496749 | 15 | 91552003 | T | C | 0.007 | 0.001 | 0.192 | 7.15E−09 |
| rs11858157 | 15 | 92395398 | A | G | 0.006 | 0.001 | 0.224 | 1.17E−08 |
| rs2575431 | 15 | 96284425 | A | T | 0.006 | 0.001 | 0.289 | 3.94E−09 |
| rs8026716 | 15 | 96954995 | A | G | 0.005 | 0.001 | 0.387 | 4.00E−08 |
| rs8028620 | 15 | 99202875 | T | C | 0.005 | 0.001 | 0.49 | 1.96E−08 |
| rs9936879 | 16 | 703721 | A | C | 0.008 | 0.001 | 0.358 | 7.65E−18 |
| rs11461440 | 16 | 2795467 | A | AG | 0.007 | 0.001 | 0.233 | 3.74E−10 |
| rs11077334 | 16 | 3474638 | A | G | −0.005 | 0.001 | 0.448 | 3.11E−08 |
| rs12928387 | 16 | 6304113 | C | G | 0.008 | 0.001 | 0.276 | 2.72E−14 |
| rs62017761 | 16 | 6552504 | T | G | 0.006 | 0.001 | 0.471 | 6.51E−11 |
| rs6500798 | 16 | 6637181 | A | C | −0.005 | 0.001 | 0.463 | 1.82E−08 |
| rs12924275 | 16 | 9191790 | T | C | 0.007 | 0.001 | 0.271 | 9.35E−13 |
| rs1701111 | 16 | 12298804 | A | G | −0.007 | 0.001 | 0.312 | 5.11E−11 |
| rs111505982 | 16 | 12351358 | A | ATCTC | −0.008 | 0.001 | 0.389 | 7.10E−17 |
| rs111536178 | 16 | 15132211 | A | AAAAGTTG | −0.006 | 0.001 | 0.291 | 3.75E−08 |
| rs8054082 | 16 | 19975418 | T | C | 0.012 | 0.001 | 0.144 | 8.43E−20 |
| rs1925493 | 16 | 20025347 | C | G | −0.008 | 0.001 | 0.263 | 1.18E−14 |
| rs72772751 | 16 | 20068600 | T | C | −0.011 | 0.002 | 0.058 | 4.47E−08 |
| rs148514776 | 16 | 20706876 | G | GTCTA | −0.006 | 0.001 | 0.267 | 1.13E−09 |
| rs3814883 | 16 | 29994922 | T | C | −0.007 | 0.001 | 0.477 | 2.35E−13 |
| rs2356265 | 16 | 49450047 | A | G | 0.007 | 0.001 | 0.235 | 1.87E−09 |
| rs1015438 | 16 | 51177517 | A | G | 0.01 | 0.001 | 0.204 | 3.88E−20 |
| rs59937052 | 16 | 51493798 | T | C | 0.006 | 0.001 | 0.33 | 2.60E−09 |
| rs34214423 | 16 | 52303107 | A | C | 0.007 | 0.001 | 0.195 | 4.37E−09 |
| rs4238749 | 16 | 52639234 | A | C | −0.007 | 0.001 | 0.419 | 9.34E−16 |
| rs12927162 | 16 | 52684916 | A | G | −0.01 | 0.001 | 0.26 | 1.55E−22 |
| rs1548911 | 16 | 54671719 | T | C | 0.007 | 0.001 | 0.175 | 1.66E−08 |
| rs9931543 | 16 | 56128782 | T | C | 0.009 | 0.001 | 0.27 | 2.56E−19 |
| rs66931076 | 16 | 56232629 | T | C | 0.009 | 0.002 | 0.099 | 9.70E−09 |
| rs2398144 | 16 | 56352854 | A | C | 0.009 | 0.001 | 0.403 | 8.62E−20 |
| rs118121724 | 16 | 56508308 | T | C | 0.011 | 0.002 | 0.075 | 2.29E−10 |
| rs34160647 | 16 | 58696969 | CG | C | −0.005 | 0.001 | 0.397 | 1.44E−08 |
| rs7203385 | 16 | 60608885 | A | T | 0.006 | 0.001 | 0.463 | 2.93E−12 |
| rs11863753 | 16 | 61602417 | A | G | −0.008 | 0.001 | 0.219 | 9.88E−14 |
| rs4416006 | 16 | 61713393 | T | C | 0.006 | 0.001 | 0.271 | 1.76E−08 |
| rs12598089 | 16 | 65813302 | A | C | −0.005 | 0.001 | 0.463 | 2.75E−08 |
| rs9926159 | 16 | 75116266 | C | G | −0.005 | 0.001 | 0.347 | 3.81E−08 |
| rs35016682 | 16 | 76958668 | A | C | −0.006 | 0.001 | 0.257 | 1.04E−08 |
| rs11645600 | 16 | 77157265 | A | G | 0.009 | 0.002 | 0.102 | 3.38E−09 |
| rs7184998 | 16 | 77214243 | T | C | 0.009 | 0.001 | 0.485 | 1.02E−22 |
| rs79637296 | 16 | 78009018 | T | C | 0.007 | 0.001 | 0.163 | 1.04E−08 |
| rs11150494 | 16 | 82866739 | A | T | 0.005 | 0.001 | 0.379 | 1.38E−08 |
| rs8063871 | 16 | 87863500 | A | C | 0.006 | 0.001 | 0.281 | 2.05E−09 |
| rs8069356 | 17 | 2311986 | T | C | 0.006 | 0.001 | 0.301 | 2.98E−10 |
| rs12938775 | 17 | 2574821 | A | G | −0.005 | 0.001 | 0.498 | 1.18E−08 |
| rs8066969 | 17 | 11197243 | A | G | 0.006 | 0.001 | 0.273 | 9.04E−10 |
| rs2232839 | 17 | 17399635 | T | C | 0.007 | 0.001 | 0.205 | 4.69E−10 |
| rs34490907 | 17 | 26933741 | C | G | 0.009 | 0.001 | 0.111 | 5.70E−10 |
| rs8076005 | 17 | 28547210 | A | G | 0.007 | 0.001 | 0.189 | 3.05E−09 |
| rs3815156 | 17 | 29685150 | A | G | 0.008 | 0.001 | 0.177 | 3.01E−10 |
| rs12947676 | 17 | 35574672 | A | C | −0.007 | 0.001 | 0.18 | 1.02E−08 |
| rs11871043 | 17 | 43172849 | T | C | 0.008 | 0.001 | 0.427 | 7.57E−18 |
| rs2036764 | 17 | 46588331 | T | C | −0.006 | 0.001 | 0.497 | 2.58E−10 |
| rs11658253 | 17 | 46663861 | T | C | −0.012 | 0.002 | 0.049 | 2.52E−08 |
| rs4643373 | 17 | 47123423 | T | C | 0.007 | 0.001 | 0.298 | 3.69E−11 |
| rs2938139 | 17 | 50179416 | A | G | 0.006 | 0.001 | 0.358 | 1.34E−09 |
| rs9889282 | 17 | 50259142 | A | C | −0.008 | 0.001 | 0.388 | 1.33E−18 |
| rs8076183 | 17 | 61024696 | T | C | −0.007 | 0.001 | 0.453 | 5.10E−16 |
| rs6504568 | 17 | 65999648 | T | C | −0.006 | 0.001 | 0.236 | 2.88E−08 |
| rs323406 | 17 | 71680807 | A | G | −0.005 | 0.001 | 0.497 | 4.18E−08 |
| rs56324203 | 17 | 79463324 | A | G | −0.005 | 0.001 | 0.371 | 1.26E−08 |
| rs8074498 | 17 | 79954544 | A | T | 0.007 | 0.001 | 0.424 | 1.16E−13 |
| rs113722141 | 18 | 21718308 | A | T | −0.007 | 0.001 | 0.141 | 1.46E−08 |
| rs4432322 | 18 | 22689878 | T | C | 0.006 | 0.001 | 0.346 | 1.69E−10 |
| rs790316 | 18 | 26408130 | A | C | 0.006 | 0.001 | 0.478 | 2.01E−12 |
| rs4630625 | 18 | 30845846 | A | G | −0.011 | 0.001 | 0.109 | 7.60E−14 |
| rs12605642 | 18 | 31313965 | T | G | 0.008 | 0.001 | 0.491 | 3.19E−16 |
| rs1941348 | 18 | 31572531 | A | C | −0.006 | 0.001 | 0.416 | 8.04E−12 |
| rs147905201 | 18 | 31663051 | G | GCTCT | −0.006 | 0.001 | 0.351 | 1.14E−10 |
| rs62092949 | 18 | 48779673 | T | C | 0.005 | 0.001 | 0.48 | 4.22E−08 |
| rs35541683 | 18 | 49193718 | A | G | 0.009 | 0.002 | 0.092 | 4.69E−08 |
| rs10502966 | 18 | 50748499 | A | G | −0.008 | 0.001 | 0.425 | 1.96E−17 |
| 18:50837499\_TA\_T | 18 | 50837499 | T | TA | −0.007 | 0.001 | 0.359 | 2.61E−12 |
| rs55943003 | 18 | 52754086 | A | G | 0.008 | 0.001 | 0.249 | 1.22E−12 |
| rs8766 | 18 | 52895531 | T | C | −0.009 | 0.001 | 0.39 | 1.53E−23 |
| rs2924329 | 18 | 53135894 | A | G | −0.006 | 0.001 | 0.281 | 4.82E−10 |
| rs4801157 | 18 | 53164693 | T | C | 0.007 | 0.001 | 0.182 | 2.03E−08 |
| rs2271731 | 18 | 56826077 | T | C | −0.006 | 0.001 | 0.286 | 4.52E−09 |
| rs8084405 | 18 | 65940192 | T | C | −0.005 | 0.001 | 0.354 | 2.33E−08 |
| rs610113 | 18 | 77508346 | A | G | 0.007 | 0.001 | 0.194 | 1.77E−08 |
| rs516890 | 18 | 77576767 | T | C | −0.006 | 0.001 | 0.465 | 6.03E−10 |
| rs12983032 | 19 | 5073447 | A | G | −0.007 | 0.001 | 0.337 | 1.59E−11 |
| rs80174529 | 19 | 5132401 | T | C | 0.011 | 0.002 | 0.069 | 3.28E−09 |
| rs12611068 | 19 | 13014314 | T | C | 0.005 | 0.001 | 0.406 | 4.18E−08 |
| rs12973258 | 19 | 19488718 | T | C | −0.007 | 0.001 | 0.18 | 9.29E−09 |
| rs11375063 | 19 | 31202969 | G | GA | −0.006 | 0.001 | 0.186 | 4.51E−08 |
| rs10421599 | 19 | 35767933 | A | G | 0.006 | 0.001 | 0.224 | 3.25E−08 |
| rs73034109 | 19 | 37027160 | A | G | 0.009 | 0.001 | 0.221 | 1.30E−14 |
| rs1226598 | 19 | 37747799 | A | G | −0.005 | 0.001 | 0.428 | 2.58E−08 |
| rs4803217 | 19 | 39734220 | A | C | 0.006 | 0.001 | 0.314 | 2.10E−08 |
| rs429358 | 19 | 45411941 | T | C | 0.009 | 0.001 | 0.142 | 2.13E−12 |
| rs1065853 | 19 | 45413233 | T | G | 0.009 | 0.002 | 0.078 | 3.66E−08 |
| rs57314044 | 19 | 56136059 | T | G | 0.008 | 0.001 | 0.21 | 1.35E−13 |
| rs8110135 | 19 | 58998464 | A | G | 0.006 | 0.001 | 0.276 | 4.29E−10 |
| rs56353032 | 20 | 17369072 | A | T | −0.007 | 0.001 | 0.179 | 1.72E−09 |
| rs6035826 | 20 | 21263790 | A | T | 0.006 | 0.001 | 0.28 | 1.31E−08 |
| rs760997 | 20 | 29957446 | A | G | 0.005 | 0.001 | 0.479 | 4.85E−08 |
| rs2377471 | 20 | 30835489 | T | C | −0.008 | 0.001 | 0.132 | 1.54E−09 |
| rs17123165 | 20 | 30903614 | A | G | 0.011 | 0.002 | 0.066 | 5.97E−09 |
| rs293567 | 20 | 31098565 | T | G | 0.011 | 0.001 | 0.338 | 2.38E−28 |
| rs13038787 | 20 | 37973031 | T | C | −0.007 | 0.001 | 0.143 | 1.53E−08 |
| rs2205773 | 20 | 41830269 | T | C | −0.007 | 0.001 | 0.218 | 4.80E−09 |
| rs6030790 | 20 | 41956451 | A | C | 0.008 | 0.001 | 0.18 | 8.26E−12 |
| rs141889737 | 20 | 41998433 | T | C | 0.006 | 0.001 | 0.329 | 5.51E−10 |
| rs1883832 | 20 | 44746982 | T | C | 0.006 | 0.001 | 0.257 | 8.00E−10 |
| rs910187 | 20 | 45841052 | A | G | −0.008 | 0.001 | 0.369 | 2.19E−16 |
| rs6019663 | 20 | 47774512 | T | C | 0.007 | 0.001 | 0.295 | 3.27E−12 |
| rs13037010 | 20 | 50986299 | A | G | −0.011 | 0.001 | 0.18 | 7.95E−20 |
| rs117028917 | 20 | 51026256 | C | G | −0.021 | 0.003 | 0.018 | 7.45E−10 |
| rs6024441 | 20 | 54390079 | A | G | −0.007 | 0.001 | 0.204 | 1.68E−09 |
| rs2236202 | 20 | 60985164 | T | C | −0.007 | 0.001 | 0.258 | 3.89E−10 |
| rs67047102 | 20 | 62419213 | T | C | −0.01 | 0.002 | 0.066 | 3.84E−08 |
| rs965494 | 21 | 42509823 | T | C | 0.006 | 0.001 | 0.385 | 6.19E−09 |
| rs10368 | 21 | 43305619 | T | C | 0.006 | 0.001 | 0.267 | 3.76E−08 |
| rs2003273 | 21 | 46536586 | T | C | −0.006 | 0.001 | 0.389 | 9.36E−12 |
| rs147970828 | 22 | 22069881 | T | TTTTAA | 0.006 | 0.001 | 0.224 | 3.96E−08 |
| rs136310 | 22 | 31174783 | A | G | −0.005 | 0.001 | 0.388 | 6.97E−09 |
| rs9607581 | 22 | 39241509 | A | G | −0.008 | 0.001 | 0.208 | 1.23E−11 |
| rs145611631 | 22 | 41431905 | G | GA | −0.009 | 0.001 | 0.303 | 1.00E−19 |
| rs530707936 | 22 | 41783987 | CTTT | C | −0.005 | 0.001 | 0.476 | 2.42E−08 |
| rs2004511 | 22 | 42523211 | T | C | 0.007 | 0.001 | 0.221 | 6.58E−10 |
| rs12010000 | 23 | 5985120 | A | G | −0.007 | 0.001 | 0.47 | 3.29E−13 |
| rs62590551 | 23 | 21494390 | A | G | 0.01 | 0.002 | 0.097 | 1.46E−11 |
| rs6629928 | 23 | 24962492 | A | G | 0.006 | 0.001 | 0.239 | 2.49E−08 |
| rs4828253 | 23 | 83565589 | T | C | −0.006 | 0.001 | 0.437 | 4.18E−11 |
| rs5932880 | 23 | 130424387 | T | C | −0.008 | 0.001 | 0.125 | 1.76E−08 |
| rs67582293 | 23 | 130481788 | A | G | 0.007 | 0.001 | 0.133 | 4.27E−08 |
| rs144895060 | 23 | 133314686 | T | C | 0.011 | 0.002 | 0.063 | 5.21E−09 |
| rs2199679 | 23 | 135888142 | C | G | 0.007 | 0.001 | 0.274 | 2.88E−10 |

SNPs, single nucleotide polymorphisms; Chr, chromosome; Pos, position; EA, effect allele; NEA, non effect allele; SE, standard error; MAF, minor allele frequency.