eTable 1. SNPs used in the polygenic risk score calculation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Chromosome | Position | MarkerName | Effect\_allele | Non\_Effect\_allele | Pvalue |
| 1 | 207750568 | rs679515 | T | C | 1.56E-16 |
| 2 | 127841769 | rs10200967 | T | C | 4.31E-09 |
| 2 | 127889932 | rs6710467 | A | G | 8.96E-12 |
| 2 | 127892810 | rs6733839 | T | C | 4.02E-28 |
| 6 | 32576838 | rs9271123 | T | C | 1.14E-08 |
| 6 | 47432637 | rs9381563 | T | C | 2.93E-08 |
| 7 | 143109139 | rs11767557 | T | C | 1.56E-08 |
| 8 | 27219987 | rs73223431 | T | C | 8.34E-10 |
| 8 | 27468503 | rs867230 | A | C | 3.49E-17 |
| 10 | 11721102 | rs12358692 | T | C | 4.65E-08 |
| 11 | 121435587 | rs11218343 | T | C | 2.63E-08 |
| 11 | 47380340 | rs3740688 | T | G | 9.70E-11 |
| 11 | 47723512 | rs11823949 | A | G | 4.40E-09 |
| 11 | 60021948 | rs1582763 | A | G | 1.19E-16 |
| 11 | 85868640 | rs3851179 | T | C | 5.81E-16 |
| 14 | 92938855 | rs12590654 | A | G | 8.73E-09 |
| 19 | 1047078 | rs4147910 | A | G | 9.27E-09 |
| 19 | 1050874 | rs12151021 | A | G | 2.56E-10 |
| 19 | 45078453 | rs144908353 | A | C | 1.72E-09 |
| 19 | 45078886 | rs846879 | A | G | 2.17E-11 |
| 19 | 45129089 | rs112027066 | T | C | 1.84E-11 |
| 19 | 45143942 | rs7260482 | A | C | 4.66E-12 |
| 19 | 45165912 | rs714948 | A | C | 1.35E-16 |
| 19 | 45196964 | rs151330717 | A | G | 4.04E-08 |
| 19 | 45220896 | rs11881756 | T | C | 6.81E-11 |
| 19 | 45223490 | rs111740474 | A | G | 8.81E-12 |
| 19 | 45236742 | rs11881529 | T | C | 3.30E-08 |
| 19 | 45240126 | rs184293662 | T | C | 1.80E-30 |
| 19 | 45242107 | rs2927438 | A | G | 2.76E-33 |
| 19 | 45251156 | rs2965169 | A | C | 2.75E-37 |
| 19 | 45302951 | rs2967668 | A | G | 5.81E-32 |
| 19 | 45311084 | rs140824606 | A | G | 1.03E-29 |
| 19 | 45322744 | rs1135062 | A | G | 3.46E-16 |
| 19 | 45331686 | rs112262807 | T | C | 1.37E-13 |
| 19 | 45356517 | rs140411770 | A | G | 4.35E-09 |
| 19 | 45358448 | rs4803765 | T | C | 7.13E-32 |
| 19 | 45359586 | rs56317818 | T | C | 7.60E-94 |
| 19 | 45363820 | rs138607350 | T | G | 4.80E-55 |
| 19 | 45383830 | rs148303016 | T | C | 1.09E-14 |
| 19 | 45384116 | rs406315 | A | G | 9.37E-46 |
| 19 | 45384931 | rs79701229 | A | G | 4.49E-50 |
| 19 | 45395266 | rs157580 | A | G | 4.80E-152 |
| 19 | 45395816 | rs73936968 | A | G | 1.38E-08 |
| 19 | 45396973 | rs77301115 | A | G | 2.25E-109 |
| 19 | 45403924 | rs1160984 | T | C | 1.61E-20 |
| 19 | 45412079 | rs7412 | T | C | 6.40E-53 |
| 19 | 45414392 | rs72654472 | T | G | 2.35E-11 |
| 19 | 45417200 | rs72654445 | A | G | 2.27E-11 |
| 19 | 45418486 | rs12691088 | A | G | 2.69E-238 |
| 19 | 45421744 | rs12721056 | T | G | 4.26E-87 |
| 19 | 45431403 | rs73033507 | T | C | 3.65E-08 |
| 19 | 45436753 | rs114533385 | T | C | 5.43E-36 |
| 19 | 45448465 | rs5167 | T | G | 6.14E-18 |
| 19 | 45458212 | rs117316645 | A | G | 8.95E-15 |
| 19 | 45458463 | rs8102895 | A | G | 5.87E-14 |
| 19 | 45470913 | rs10775543 | T | C | 1.97E-08 |
| 19 | 45517497 | rs116518981 | A | G | 9.30E-17 |
| 19 | 45525038 | rs142380271 | A | G | 1.02E-10 |
| 19 | 45530351 | rs34583389 | T | C | 2.21E-14 |
| 19 | 45537043 | rs188643879 | T | C | 1.82E-08 |
| 19 | 45549135 | rs112481437 | A | G | 3.57E-23 |
| 19 | 45631816 | rs17643262 | A | G | 3.33E-24 |
| 19 | 45648220 | rs146723120 | T | C | 1.38E-11 |
| 19 | 45671482 | rs192775394 | T | C | 7.95E-22 |
| 19 | 45679305 | rs140226934 | A | C | 2.07E-09 |
| 19 | 45707917 | rs582747 | T | G | 2.81E-12 |
| 19 | 45715680 | rs11083767 | T | C | 9.34E-11 |
| 19 | 45733201 | rs346773 | T | C | 1.29E-14 |
| 19 | 45734751 | rs62118504 | A | G | 1.06E-11 |
| 19 | 45763311 | rs181476525 | T | C | 8.29E-13 |
| 19 | 45834975 | rs74606069 | T | C | 3.28E-12 |
| 19 | 46013248 | rs74352622 | T | C | 6.49E-09 |