**Supplementary Material**

**Genetically Elevated LDL Associates with Lower Risk of Intracerebral Hemorrhage**

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**Supplementary Table 1: SNPs used in the polygenic risk score of total cholesterol.**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chr** | **Pos** | **rsid** | **EA** | **NEA** | **EAF** | **Beta** | **se** | **P** | **SNP Present  in Study\*** |
| 1 | 10556447 | rs648324 | T | G | 0.6982 | 0.0148 | 0.0026 | 8.88E-09 | ++++ |
| 1 | 16515805 | rs6656611 | T | C | 0.459 | -0.0122 | 0.0022 | 1.43E-08 | ++++ |
| 1 | 23766233 | rs1077514 | T | C | 0.8707 | 0.0301 | 0.0052 | 6.4E-09 | ++++ |
| 1 | 25760920 | rs11802413 | T | C | 0.5369 | 0.0287 | 0.0035 | 1.576E-14 | ++++ |
| 1 | 28298951 | rs6699701 | T | C | 0.3123 | -0.0148 | 0.0023 | 2.14E-10 | ++++ |
| 1 | 55486064 | rs2479394 | G | A | 0.285 | 0.0359 | 0.0039 | 1.997E-18 | ++++ |
| 1 | 55496039 | rs11206510 | T | C | 0.8456 | 0.069 | 0.0048 | 1.128E-41 | ++++ |
| 1 | 55504650 | rs2479409 | G | A | 0.3325 | 0.054 | 0.004 | 2.025E-39 | ++++ |
| 1 | 55509872 | rs4927193 | T | C | 0.8694 | 0.0283 | 0.0054 | 4.119E-08 | ++++ |
| 1 | 55516004 | rs11206514 | A | C | 0.6108 | 0.0355 | 0.0039 | 2.329E-18 | ++++ |
| 1 | 55517344 | rs572512 | T | C | 0.3456 | 0.0361 | 0.0045 | 3.279E-17 | ++++ |
| 1 | 55518467 | rs2495477 | A | G | 0.625 | 0.052 |  | 3.3E-21 | ++++ |
| 1 | 55518752 | rs7552841 | T | C | 0.3654 | 0.032 | 0.0041 | 3.582E-14 | ++++ |
| 1 | 55523984 | rs584626 | T | C | 0.8153 | 0.0437 | 0.0047 | 3.881E-20 | ++++ |
| 1 | 55662680 | rs4926670 | C | T | 0.8865 | 0.0636 | 0.0058 | 1.616E-26 | +++- |
| 1 | 55719166 | rs7551981 | T | G | 0.595 | 0.0358 | 0.0037 | 7.497E-22 | ++++ |
| 1 | 55730327 | rs6662286 | C | T | 0.90633 | 0.0691 | 0.007 | 1.564E-21 | ++++ |
| 1 | 55743519 | rs1874776 | C | T | 0.7823 | 0.0339 | 0.0042 | 1.985E-14 | ++++ |
| 1 | 55808143 | rs207145 | T | C | 0.8905 | 0.042 | 0.0055 | 1.574E-13 | ++++ |
| 1 | 62833553 | rs6587970 | G | A | 0.438 | 0.0286 | 0.0046 | 1.235E-09 | ++++ |
| 1 | 62995263 | rs12039115 | C | T | 0.8905 | 0.0563 | 0.0055 | 4.341E-24 | ++++ |
| 1 | 63028198 | rs12749263 | C | T | 0.2573 | 0.0357 | 0.0041 | 1.338E-16 | ++++ |
| 1 | 63107526 | rs995000 | T | C | 0.3454 | -0.0618 | 0.0028 | 6.32E-112 | ++++ |
| 1 | 63193972 | rs2149116 | A | G | 0.3179 | 0.0407 | 0.0052 | 5.844E-14 | ++++ |
| 1 | 63257994 | rs10493329 | A | G | 0.8628 | 0.0452 | 0.0048 | 1.005E-18 | ++++ |
| 1 | 63358816 | rs7512480 | T | C | 0.4802 | 0.0339 | 0.0036 | 2.639E-19 | ++++ |
| 1 | 92993807 | rs6603981 | T | C | 0.8061 | 0.0351 | 0.0043 | 7.846E-15 | ++++ |
| 1 | 109705022 | rs676385 | G | A | 0.719 | 0.0254 | 0.0042 | 1.442E-09 | ++++ |
| 1 | 109727284 | rs648673 | G | C | 0.8852 | 0.0411 | 0.0055 | 1.308E-13 | ++++ |
| 1 | 109778577 | rs658092 | C | T | 0.781 | 0.0282 | 0.0044 | 7.44E-10 | ++++ |
| 1 | 109782003 | rs611945 | A | G | 0.7375 | 0.0229 | 0.0039 | 1.284E-08 | ++++ |
| 1 | 109783261 | rs11102964 | T | C | 0.8325 | 0.0405 | 0.0047 | 6.633E-18 | ++++ |
| 1 | 109789795 | rs585362 | T | C | 0.8813 | 0.0703 | 0.0053 | 1.155E-38 | ++++ |
| 1 | 109807099 | rs6689614 | A | G | 0.4551 | 0.0507 | 0.0036 | 2.76E-41 | ++++ |
| 1 | 109810981 | rs17035630 | A | G | 0.128 | 0.0402 | 0.0058 | 2.155E-12 | ++++ |
| 1 | 109813719 | rs17035665 | C | T | 0.8153 | 0.0594 | 0.0057 | 3.434E-26 | ++++ |
| 1 | 109817192 | rs7528419 | A | G | 0.7715 | 0.1364 | 0.0031 | 1E-300 | ++++ |
| 1 | 109827253 | rs672569 | G | A | 0.843 | 0.1248 | 0.0079 | 1.189E-51 | ++++ |
| 1 | 109832283 | rs655246 | G | A | 0.4947 | 0.0439 | 0.0036 | 8.839E-33 | ++++ |
| 1 | 109838918 | rs629001 | T | C | 0.93272 | 0.0847 | 0.0076 | 1.04E-26 | ++++ |
| 1 | 109839896 | rs7515901 | C | T | 0.8179 | 0.0407 | 0.005 | 5.841E-14 | ++++ |
| 1 | 109845100 | rs1278286 | T | G | 0.1438 | 0.0301 | 0.0059 | 2.34E-08 | +--- |
| 1 | 110014170 | rs12136063 | A | G | 0.6702 | 0.0248 | 0.0039 | 2.194E-09 | ++++ |
| 1 | 110109039 | rs518076 | A | G | 0.93008 | 0.0387 | 0.006 | 5.058E-10 | ++++ |
| 1 | 110169190 | rs865774 | C | T | 0.8391 | 0.0328 | 0.0053 | 1.89E-09 | ++++ |
| 1 | 110198727 | rs1010167 | G | C | 0.4156 | 0.0208 | 0.0038 | 1.094E-08 | ++++ |
| 1 | 113190807 | rs17030613 | A | C | 0.8033 | 0.0128 | 0.0023 | 0.000000021 | ++++ |
| 1 | 120257576 | rs477992 | A | G | 0.3181 | -0.014 | 0.0025 | 1.85E-08 | ++++ |
| 1 | 220970028 | rs2642438 | G | A | 0.7454 | 0.037 | 0.004 | 1.283E-18 | ++++ |
| 1 | 220974202 | rs2807837 | A | G | 0.90765 | 0.0324 | 0.0066 | 4.088E-08 | ++++ |
| 1 | 220977650 | rs2642420 | C | A | 0.847 | 0.0412 | 0.0067 | 2.087E-09 | ++++ |
| 1 | 220998913 | rs7544735 | A | G | 0.3034 | 0.0273 | 0.0039 | 4.444E-12 | ++++ |
| 1 | 234848763 | rs10910490 | A | G | 0.1609 | 0.0398 | 0.0049 | 2.958E-15 | ++++ |
| 1 | 234853059 | rs556107 | T | C | 0.5912 | 0.0369 | 0.003 | 1.427E-35 | ++++ |
| 1 | 236718620 | rs1126627 | T | C | 0.3758 | 0.0118 | 0.0019 | 9.42E-10 | +--+ |
| 2 | 17930195 | rs6761104 | A | G | 0.2063 | -0.0194 | 0.0034 | 1.04E-08 | ++++ |
| 2 | 20371613 | rs1107851 | T | C | 0.5501 | 0.0243 | 0.0035 | 2.903E-10 | ++++ |
| 2 | 20985414 | rs11679386 | C | T | 0.128 | 0.0393 | 0.0059 | 2.226E-11 | +--- |
| 2 | 21092106 | rs10178381 | A | T | 0.8879 | 0.0557 | 0.0064 | 8.24E-18 | ++++ |
| 2 | 21099871 | rs6729410 | A | G | 0.6451 | 0.036 | 0.0038 | 5.032E-20 | ++++ |
| 2 | 21112689 | rs12710745 | A | G | 0.6042 | 0.0405 | 0.0037 | 5.593E-28 | ++++ |
| 2 | 21121130 | rs4971538 | G | T | 0.1082 | 0.0523 | 0.0058 | 3.487E-17 | ++++ |
| 2 | 21133883 | rs10198175 | A | G | 0.08443 | 0.0635 | 0.0061 | 2.812E-24 | ++++ |
| 2 | 21186121 | rs2337381 | A | C | 0.2256 | 0.0541 | 0.0039 | 1.535E-39 | ++++ |
| 2 | 21196346 | rs10207315 | T | G | 0.223 | 0.0453 | 0.0041 | 4.335E-25 | ++++ |
| 2 | 21205502 | rs4564803 | G | T | 0.7414 | 0.0502 | 0.0041 | 1.742E-33 | ++++ |
| 2 | 21217490 | rs13392272 | T | C | 0.4129 | 0.0732 | 0.0035 | 5.669E-89 | ++++ |
| 2 | 21219001 | rs6725189 | G | T | 0.7652 | 0.0548 | 0.0043 | 3.701E-35 | ++++ |
| 2 | 21228827 | rs1801701 | T | C | 0.07916 | 0.0497 | 0.0062 | 8.298E-15 | ++++ |
| 2 | 21249716 | rs12691202 | C | T | 0.94855 | 0.1031 | 0.0109 | 1.426E-22 | +--- |
| 2 | 21251040 | rs570877 | G | T | 0.8879 | 0.0864 | 0.0063 | 2.086E-39 | ++++ |
| 2 | 21263900 | rs1367117 | A | G | 0.2876 | 0.0995 | 0.0038 | 2.48E-139 | ++++ |
| 2 | 21270751 | rs17398765 | G | A | 0.0686 | 0.0734 | 0.0073 | 9.899E-24 | +--- |
| 2 | 21286057 | rs515135 | C | T | 0.7823 | 0.1238 | 0.0046 | 6.38E-151 | ++++ |
| 2 | 21389659 | rs4635554 | G | T | 0.3061 | 0.0691 | 0.004 | 5.065E-63 | ++++ |
| 2 | 21451687 | rs35239705 | G | A | 0.7704 | 0.0473 | 0.0061 | 6.753E-14 | ++++ |
| 2 | 21474487 | rs312046 | T | C | 0.2968 | 0.0406 | 0.0038 | 5.832E-24 | ++++ |
| 2 | 21502727 | rs13396400 | G | A | 0.4446 | 0.0294 | 0.0036 | 3.12E-15 | ++++ |
| 2 | 21527036 | rs6739502 | A | G | 0.4947 | 0.0315 | 0.0035 | 5.471E-20 | ++++ |
| 2 | 21769639 | rs2194562 | A | G | 0.09367 | 0.0419 | 0.0059 | 5.581E-11 | +++- |
| 2 | 27730940 | rs1260326 | T | C | 0.3798 | 0.0748 | 0.0028 | 2.92E-160 | ++++ |
| 2 | 27731212 | rs3817588 | T | C | 0.7889 | 0.0438 | 0.0044 | 2.906E-20 | +++- |
| 2 | 27895073 | rs2178198 | T | C | 0.1306 | 0.0393 | 0.0053 | 3.373E-13 | ++++ |
| 2 | 27932587 | rs6727388 | G | A | 0.2243 | 0.035 | 0.0044 | 4.274E-14 | ++++ |
| 2 | 27951658 | rs867282 | C | T | 0.7784 | 0.0321 | 0.0043 | 8.647E-13 | ++++ |
| 2 | 28443050 | rs7349418 | C | T | 0.4472 | 0.0201 | 0.0036 | 4.424E-08 | ++++ |
| 2 | 44022970 | rs1025447 | C | T | 0.1583 | 0.0344 | 0.0046 | 3.492E-12 | ++++ |
| 2 | 44043135 | rs10208987 | T | G | 0.91029 | 0.0439 | 0.0065 | 6.529E-11 | ++++ |
| 2 | 44057102 | rs4148177 | G | A | 0.5673 | 0.0364 | 0.0049 | 1.009E-12 | ++++ |
| 2 | 44073881 | rs6544713 | T | C | 0.2942 | 0.0773 | 0.004 | 1.685E-81 | ++++ |
| 2 | 44074000 | rs4953023 | G | A | 0.91557 | 0.1249 | 0.0072 | 1.318E-63 | ++++ |
| 2 | 44075217 | rs17424122 | A | T | 0.06596 | 0.0653 | 0.0087 | 5.176E-14 | +--- |
| 2 | 44099582 | rs4148218 | G | A | 0.8087 | 0.0385 | 0.0045 | 8.218E-18 | ++++ |
| 2 | 46166321 | rs12712955 | A | G | 0.5321 | 0.0135 | 0.0024 | 2.05E-08 | ++++ |
| 2 | 63149557 | rs2710642 | G | A | 0.349 | -0.027 | NA | 0.000000022 | ++++ |
| 2 | 65652156 | rs7572922 | T | C | 0.3733 | -0.0171 | 0.0028 | 6.177E-10 | ++++ |
| 2 | 70524142 | rs14234 | A | G | 0.5472 | -0.0131 | 0.0019 | 1.89E-11 | ++++ |
| 2 | 111600519 | rs13395354 | T | C | 0.1842 | 0.0159 | 0.0027 | 2.1E-09 | ++++ |
| 2 | 118797742 | rs72838078 | G | T | 0.92 | 0.054 | NA | 1.8E-10 | +--- |
| 2 | 121306440 | rs17050272 | A | G | 0.389 | -0.0181 | 0.0028 | 1.26E-10 | ++++ |
| 2 | 135762344 | rs16831243 | T | C | 0.1807 | 0.0378 | 0.0053 | 1.842E-12 | ++++ |
| 2 | 136608646 | rs4988235 | G | A | 0.4763 | 0.0308 | 0.004 | 3.975E-14 | ++++ |
| 2 | 158437683 | rs4377290 | T | C | 0.5033 | 0.0174 | 0.0026 | 2.3E-11 | ++++ |
| 2 | 163110536 | rs2111485 | A | G | 0.4643 | 0.0134 | 0.0022 | 6.06E-10 | ++++ |
| 2 | 169830798 | rs10177080 | A | G | 0.5435 | -0.0189 | 0.0027 | 2.594E-12 | ++++ |
| 2 | 203328933 | rs2350809 | T | C | 0.879 | -0.039 | NA | 0.00000004 | +--- |
| 2 | 203519264 | rs72926986 | T | G | 0.278 | -0.0326 | 0.003 | 2.347E-27 | ++++ |
| 2 | 203532304 | rs11694172 | G | A | 0.2164 | 0.0277 | 0.0041 | 1.951E-09 | ++++ |
| 2 | 203708307 | rs934287 | G | A | 0.8179 | 0.0278 | 0.0046 | 0.000000005 | ++++ |
| 2 | 234668570 | rs887829 | C | T | 0.7032 | 0.0228 | 0.0037 | 1.938E-09 | ++++ |
| 2 | 234679384 | rs11563251 | T | C | 0.1253 | 0.0368 | 0.0059 | 1.266E-09 | ++++ |
| 3 | 12268604 | rs7641325 | A | G | 0.4591 | -0.0225 | 0.0026 | 1.118E-17 | ++++ |
| 3 | 12314512 | rs2960420 | G | C | 0.3707 | 0.024 | 0.0039 | 1.085E-08 | ++++ |
| 3 | 12323413 | rs2920500 | A | G | 0.5501 | 0.0243 | 0.0036 | 9.402E-11 | ++++ |
| 3 | 12461615 | rs709156 | G | A | 0.6953 | 0.0294 | 0.0038 | 7.067E-13 | ++++ |
| 3 | 12489342 | rs17819328 | G | T | 0.4261 | 0.0277 | 0.0037 | 4.449E-13 | ++++ |
| 3 | 12502955 | rs709167 | G | T | 0.4446 | 0.0227 | 0.0037 | 7.972E-10 | ++++ |
| 3 | 12674199 | rs11709504 | T | C | 0.7982 | 0.0322 | 0.0045 | 1.398E-12 | ++++ |
| 3 | 32533010 | rs7640978 | T | C | 0.1604 | -0.033 | 0.004 | 2.431E-16 | ++++ |
| 3 | 58301460 | rs9985315 | A | G | 0.9179 | 0.0272 | 0.0047 | 9.165E-09 | ++++ |
| 3 | 64706499 | rs9870322 | T | C | 0.5997 | 0.0141 | 0.0026 | 3.82E-08 | ++++ |
| 3 | 119529113 | rs3732356 | T | G | 0.8483 | -0.0291 | 0.0046 | 2.31E-10 | ++++ |
| 3 | 122176238 | chr3:122176238:D | TG | T | 0.688 | -0.028 | NA | 0.000000014 | ---- |
| 3 | 122258056 | rs9825383 | A | G | 0.6077 | 0.0152 | 0.0028 | 4.156E-08 | ++++ |
| 3 | 142625778 | rs1470121 | A | G | 0.32 | -0.0168 | 0.0026 | 1.35E-10 | ++++ |
| 3 | 160223172 | rs721023 | A | G | 0.5473 | -0.0198 | 0.0026 | 7.44E-14 | ++++ |
| 4 | 3434885 | rs6818397 | T | G | 0.4129 | 0.0254 | 0.0039 | 9.51E-11 | ++++ |
| 4 | 3452345 | rs59950280 | A | G | 0.3883 | 0.0198 | 0.0029 | 4.102E-12 | ++++ |
| 4 | 3473139 | rs6831256 | G | A | 0.409 | 0.023 | 0.0037 | 3.361E-10 | ++++ |
| 4 | 40428010 | rs278981 | T | C | 0.2521 | -0.0127 | 0.0021 | 1.31E-09 | ++++ |
| 4 | 69338311 | rs969114 | A | G | 0.5722 | 0.029 | 0.0027 | 1.341E-26 | ++++ |
| 4 | 88160140 | rs10029254 | T | C | 0.2088 | 0.0264 | 0.0035 | 2.059E-14 | ++++ |
| 4 | 100260545 | rs62307295 | A | C | 0.0958 | 0.0277 | 0.0046 | 2.467E-09 | +--- |
| 4 | 103198082 | rs13135092 | A | G | 0.919 | 0.052 | NA | 7.5E-10 | +--- |
| 5 | 52193237 | rs870992 | A | G | 0.9149 | -0.0251 | 0.004 | 2.34E-10 | ++++ |
| 5 | 72014569 | rs3010276 | A | G | 0.1966 | -0.0148 | 0.0026 | 1.58E-08 | ++++ |
| 5 | 74274675 | rs4382144 | A | G | 0.5871 | 0.0285 | 0.0035 | 2.365E-15 | ++++ |
| 5 | 74405097 | rs4361493 | G | A | 0.4077 | 0.042 | 0.0037 | 1.767E-29 | ++++ |
| 5 | 74413713 | rs2035191 | C | T | 0.186 | 0.0556 | 0.0045 | 1.745E-32 | ++++ |
| 5 | 74620377 | rs3857388 | C | T | 0.128 | 0.0368 | 0.0057 | 3.279E-09 | ++++ |
| 5 | 74646878 | rs11742194 | T | C | 0.1029 | 0.056 | 0.0058 | 3.255E-21 | ++++ |
| 5 | 74656539 | rs12916 | T | C | 0.6225 | -0.0556 | 0.0027 | 6.54E-94 | ++++ |
| 5 | 74745228 | rs10070207 | T | G | 0.2296 | 0.0464 | 0.0043 | 3.147E-24 | ++++ |
| 5 | 74928883 | rs253392 | G | T | 0.2625 | 0.0436 | 0.004 | 2.894E-25 | ++++ |
| 5 | 74929312 | rs16872670 | A | G | 0.05673 | 0.0525 | 0.0081 | 8.147E-10 | ++++ |
| 5 | 74971374 | rs10515214 | G | A | 0.1821 | 0.0456 | 0.0048 | 2.803E-20 | ++++ |
| 5 | 75020023 | rs17564079 | G | T | 0.09499 | 0.0438 | 0.0067 | 5.162E-10 | -+++ |
| 5 | 75034387 | rs7715806 | T | C | 0.3879 | 0.0355 | 0.0037 | 1.825E-20 | ++++ |
| 5 | 75202811 | rs1525764 | A | T | 0.2876 | 0.0237 | 0.004 | 2.871E-08 | ++++ |
| 5 | 122855416 | rs4530754 | A | G | 0.5818 | 0.0228 | 0.0035 | 1.678E-09 | ++++ |
| 5 | 131408842 | rs1469149 | A | C | 0.586 | 0.0148 | 0.0027 | 2.392E-08 | ++++ |
| 5 | 131804045 | rs2522061 | G | T | 0.792 | 0.031 | NA | 0.000000041 | ++++ |
| 5 | 156273481 | rs4704810 | A | G | 0.3826 | 0.0219 | 0.0036 | 2.888E-09 | ++++ |
| 5 | 156376703 | rs6873053 | G | A | 0.91557 | 0.0396 | 0.0063 | 8.789E-10 | ++++ |
| 5 | 156392248 | rs12517431 | T | C | 0.6045 | 0.0365 | 0.0027 | 7.629E-42 | ++++ |
| 5 | 156430705 | rs1546288 | A | G | 0.3879 | 0.0341 | 0.0036 | 2.985E-20 | ++++ |
| 5 | 156465256 | rs6878732 | T | A | 0.8206 | 0.0378 | 0.0044 | 5.071E-17 | ++++ |
| 5 | 156484626 | rs4704839 | T | A | 0.8483 | 0.0378 | 0.0052 | 1.544E-12 | ++++ |
| 5 | 156485186 | rs67960962 | C | T | 0.5317 | 0.0353 | 0.0051 | 4.222E-11 | ++++ |
| 6 | 16124560 | rs6459450 | T | C | 0.672 | 0.04 | NA | 5.5E-16 | ++++ |
| 6 | 16162508 | rs7742144 | T | C | 0.7441 | 0.0238 | 0.004 | 2.578E-08 | ++++ |
| 6 | 26093141 | rs1800562 | G | A | 0.939 | 0.088 | NA | 9.3E-20 | ++++ |
| 6 | 27122444 | rs71559014 | A | G | 0.9285 | 0.0331 | 0.0056 | 3.643E-09 | +--- |
| 6 | 34546560 | rs2814982 | C | T | 0.8931 | 0.0441 | 0.0057 | 3.678E-15 | ++++ |
| 6 | 35057331 | rs3822921 | G | A | 0.8588 | 0.0316 | 0.0054 | 1.984E-09 | +--- |
| 6 | 37038432 | rs913499 | A | G | 0.4618 | 0.0146 | 0.0021 | 8.86E-12 | ++++ |
| 6 | 39250837 | rs2758886 | A | G | 0.285 | 0.0232 | 0.0039 | 3.008E-08 | ++++ |
| 6 | 53497222 | rs1326543 | A | G | 0.756 | -0.0144 | 0.0025 | 4.58E-09 | ++++ |
| 6 | 116354591 | rs11153594 | C | T | 0.6082 | 0.029 | 0.0036 | 1.266E-14 | ++++ |
| 6 | 135411228 | rs9376090 | T | C | 0.745 | 0.043 | NA | 1.9E-16 | ++++ |
| 6 | 160402705 | rs6917747 | A | G | 0.1398 | 0.0324 | 0.0052 | 5.993E-09 | ++++ |
| 6 | 160491741 | rs3798180 | A | G | 0.6227 | 0.0254 | 0.0036 | 8.803E-12 | ++++ |
| 6 | 160543148 | rs12208357 | C | T | 0.925 | -0.063 | NA | 4.9E-13 | +--- |
| 6 | 160567928 | rs3798167 | G | T | 0.7902 | 0.0328 | 0.0045 | 3.75E-11 | ++++ |
| 6 | 160572866 | rs622342 | C | A | 0.3549 | 0.0345 | 0.0038 | 4.579E-18 | ++++ |
| 6 | 160575366 | rs11753995 | A | G | 0.1464 | 0.0489 | 0.0048 | 1.839E-23 | +--- |
| 6 | 160644012 | rs3127575 | T | C | 0.1082 | 0.0372 | 0.0057 | 1.044E-10 | ++++ |
| 6 | 160737140 | rs378479 | G | C | 0.4789 | 0.0257 | 0.0035 | 1.82E-11 | ++++ |
| 6 | 160863532 | rs2048327 | C | T | 0.3509 | 0.0227 | 0.0036 | 9.481E-09 | ++++ |
| 6 | 160954505 | rs3124785 | A | G | 0.3087 | 0.0374 | 0.0057 | 1.333E-10 | ++++ |
| 6 | 160998148 | rs3798221 | G | T | 0.777 | 0.0317 | 0.0043 | 8.326E-13 | ++++ |
| 6 | 161005389 | rs191555775 | A | T | 0.901 | 0.053 | NA | 1.2E-11 | +--- |
| 6 | 161010118 | rs10455872 | A | G | 0.9351 | -0.0762 | 0.0057 | 4.082E-41 | +--- |
| 6 | 161018174 | rs7770628 | C | T | 0.4485 | 0.0245 | 0.0036 | 8.596E-11 | ++++ |
| 6 | 161108536 | rs6935921 | T | C | 0.7361 | 0.0254 | 0.0041 | 1.833E-09 | ++++ |
| 7 | 1067906 | rs2362529 | T | C | 0.7754 | 0.0284 | 0.0032 | 8.086E-19 | ++++ |
| 7 | 1083777 | rs1997243 | G | A | 0.1306 | 0.0332 | 0.005 | 2.719E-10 | +++- |
| 7 | 21485397 | rs2390536 | A | G | 0.3681 | 0.0221 | 0.0037 | 7.744E-09 | ++++ |
| 7 | 21534152 | rs7811417 | C | T | 0.6675 | 0.0217 | 0.0037 | 2.103E-08 | ++++ |
| 7 | 21584243 | rs2285949 | A | G | 0.4828 | 0.0256 | 0.0036 | 1.185E-11 | -+++ |
| 7 | 21611399 | rs66476925 | C | G | 0.1868 | 0.0316 | 0.0036 | 8.695E-19 | ++++ |
| 7 | 21684768 | rs940434 | C | T | 0.2929 | 0.021 | 0.0038 | 4.007E-08 | ++++ |
| 7 | 25992323 | chr7:25992323:I | A | AAGGCC | 0.841 | -0.039 | NA | 3.5E-09 | ---- |
| 7 | 44582331 | rs2073547 | G | A | 0.1939 | 0.0456 | 0.0047 | 3.83E-21 | ++++ |
| 7 | 44600695 | rs217386 | G | A | 0.5923 | 0.0338 | 0.0036 | 1.764E-18 | ++++ |
| 7 | 44602589 | rs7791240 | C | T | 0.09103 | 0.0419 | 0.0062 | 8.389E-11 | +--- |
| 7 | 73026151 | rs13234378 | A | T | 0.8858 | 0.0235 | 0.0043 | 4.486E-08 | ++++ |
| 7 | 87076587 | rs1014283 | A | C | 0.275 | -0.0148 | 0.0026 | 1.62E-08 | ++++ |
| 7 | 92408370 | rs445 | T | C | 0.1345 | 0.0159 | 0.0028 | 9.52E-09 | ++++ |
| 8 | 9171735 | rs713286 | T | C | 0.92216 | 0.0507 | 0.0069 | 1.419E-12 | ++++ |
| 8 | 9181395 | rs2169387 | A | G | 0.1311 | -0.053 | 0.0041 | 7.2E-39 | ++++ |
| 8 | 9185081 | rs2126260 | C | T | 0.7942 | 0.0329 | 0.0042 | 5.027E-14 | ++++ |
| 8 | 9194172 | rs732839 | A | G | 0.2388 | 0.0269 | 0.0043 | 1.239E-09 | ++++ |
| 8 | 9200042 | rs1461728 | A | G | 0.3377 | 0.0223 | 0.0037 | 3.203E-09 | ++++ |
| 8 | 9206069 | rs10102352 | G | A | 0.6161 | 0.0399 | 0.005 | 7.281E-14 | ++++ |
| 8 | 18255709 | rs1961456 | G | A | 0.2916 | 0.0305 | 0.0039 | 3.458E-16 | ++++ |
| 8 | 21937667 | rs6557781 | T | C | 0.1836 | -0.0196 | 0.0029 | 8.87E-12 | ++++ |
| 8 | 55421614 | rs10102164 | A | G | 0.1741 | 0.0301 | 0.0043 | 4.596E-11 | ++++ |
| 8 | 59392324 | rs9297994 | A | G | 0.6903 | -0.0363 | 0.003 | 1.294E-33 | ++++ |
| 8 | 74881674 | rs7013120 | A | G | 0.2637 | -0.0139 | 0.0024 | 3.73E-09 | ++++ |
| 8 | 116663898 | rs2737252 | G | A | 0.7441 | 0.0331 | 0.0039 | 1.634E-16 | ++++ |
| 8 | 126449406 | rs17405319 | T | C | 0.1636 | 0.0429 | 0.0049 | 1.805E-16 | ++++ |
| 8 | 126465305 | rs17730649 | A | C | 0.4024 | 0.0433 | 0.0036 | 7.729E-30 | ++++ |
| 8 | 126500350 | rs8180991 | G | C | 0.2309 | 0.0483 | 0.0043 | 3.316E-27 | ++++ |
| 8 | 126506694 | rs112875651 | G | A | 0.62 | 0.08 | NA | 1.9E-57 | ++++ |
| 8 | 126507389 | rs2954038 | A | C | 0.7181 | -0.0776 | 0.003 | 6.5E-148 | ++++ |
| 8 | 126514676 | rs7012891 | C | T | 0.2296 | 0.0254 | 0.0041 | 5.424E-09 | ++++ |
| 8 | 145022657 | rs7832643 | T | G | 0.405 | 0.0289 | 0.0037 | 3.121E-13 | ++++ |
| 9 | 2640759 | rs3780181 | A | G | 0.8776 | 0.0358 | 0.0046 | 1.182E-14 | ++++ |
| 9 | 15305378 | rs581080 | C | G | 0.8206 | 0.0377 | 0.0047 | 1.022E-13 | ++++ |
| 9 | 19212560 | rs13300056 | T | C | 0.0825 | 0.0392 | 0.0064 | 9.997E-10 | ++++ |
| 9 | 22088094 | rs10738607 | A | G | 0.5451 | 0.0129 | 0.0021 | 1.62E-09 | ++++ |
| 9 | 107562804 | rs2230808 | C | T | 0.7889 | 0.031 | 0.0042 | 1.476E-13 | ++++ |
| 9 | 107588777 | rs4149311 | T | C | 0.1069 | 0.0456 | 0.0055 | 1.173E-15 | ++++ |
| 9 | 107629104 | rs4743764 | T | C | 0.6082 | 0.0416 | 0.006 | 9.552E-14 | ++++ |
| 9 | 107647019 | rs11789603 | T | C | 0.08971 | 0.0427 | 0.0062 | 1.439E-11 | ++++ |
| 9 | 107651174 | rs2275543 | T | C | 0.90633 | 0.0641 | 0.0058 | 7.967E-26 | ++++ |
| 9 | 107664301 | rs1883025 | C | T | 0.7573 | 0.0671 | 0.0042 | 5.749E-53 | ++++ |
| 9 | 107668064 | rs3905001 | C | G | 0.2744 | 0.0311 | 0.0052 | 2.213E-08 | ++++ |
| 9 | 107668886 | rs2777794 | A | T | 0.4578 | 0.0284 | 0.0039 | 9.737E-13 | ++++ |
| 9 | 117144795 | rs2763193 | T | C | 0.5751 | 0.0156 | 0.0028 | 3.488E-08 | ++++ |
| 9 | 136132873 | rs8176720 | T | C | 0.6636 | 0.0257 | 0.0037 | 5.568E-12 | ++++ |
| 9 | 136149722 | rs630014 | G | A | 0.5343 | 0.0295 | 0.0036 | 6.38E-16 | ++++ |
| 9 | 136149830 | rs532436 | A | G | 0.181 | 0.068 | 0.0034 | 1.499E-87 | ++++ |
| 9 | 136155444 | rs633862 | T | C | 0.5739 | 0.0244 | 0.0036 | 1.2E-11 | ++++ |
| 9 | 136328657 | rs3124765 | T | C | 0.1517 | 0.0353 | 0.0061 | 1.384E-08 | -+++ |
| 10 | 17268839 | rs3758413 | T | C | 0.6103 | -0.0222 | 0.0027 | 2.259E-16 | ++++ |
| 10 | 45988597 | rs10900221 | A | G | 0.2731 | 0.0255 | 0.0041 | 7.963E-09 | ++++ |
| 10 | 94839642 | rs2068888 | A | G | 0.4266 | -0.0222 | 0.0027 | 6.551E-17 | ++++ |
| 10 | 113933886 | rs2255141 | A | G | 0.298 | 0.046 | NA | 1.1E-19 | ++++ |
| 10 | 114048792 | rs2148489 | T | C | 0.7757 | 0.028 | 0.0042 | 2.366E-10 | ++++ |
| 11 | 18656271 | rs10832962 | T | C | 0.719 | 0.0315 | 0.0039 | 1.539E-14 | ++++ |
| 11 | 48018355 | rs4752805 | G | A | 0.2467 | 0.0251 | 0.0041 | 1.617E-09 | ++++ |
| 11 | 61548874 | rs174532 | A | G | 0.2929 | 0.0331 | 0.0041 | 9.511E-16 | ++++ |
| 11 | 61597972 | rs1535 | A | G | 0.6372 | 0.0497 | 0.0037 | 8.624E-39 | ++++ |
| 11 | 61601908 | rs2845573 | A | G | 0.8971 | 0.051 | 0.0059 | 1.132E-17 | ++++ |
| 11 | 61624414 | rs174602 | T | C | 0.7929 | 0.0334 | 0.0056 | 2.346E-09 | ++++ |
| 11 | 61636126 | rs11230815 | C | G | 0.8694 | 0.0361 | 0.0061 | 1.854E-08 | ++++ |
| 11 | 61641542 | rs174450 | T | G | 0.529 | 0.0327 | 0.0036 | 2.923E-18 | ++++ |
| 11 | 75474195 | rs72997616 | A | C | 0.1232 | -0.0243 | 0.0044 | 4.112E-08 | ++++ |
| 11 | 77973980 | rs2511158 | T | C | 0.1622 | -0.0255 | 0.0033 | 1.41E-14 | ++++ |
| 11 | 116525730 | rs480823 | C | T | 0.1042 | 0.0536 | 0.0062 | 9.807E-19 | +++- |
| 11 | 116526322 | rs486394 | C | A | 0.2942 | 0.0307 | 0.004 | 2.704E-14 | ++++ |
| 11 | 116529442 | rs11820504 | C | T | 0.2032 | 0.0266 | 0.0045 | 1.699E-09 | ++++ |
| 11 | 116584987 | rs4938303 | C | T | 0.2757 | 0.0414 | 0.0039 | 5.576E-25 | ++++ |
| 11 | 116624703 | rs180326 | G | T | 0.3628 | 0.0443 | 0.0039 | 2.703E-29 | ++++ |
| 11 | 116660686 | rs2266788 | G | A | 0.09103 | 0.1138 | 0.0071 | 3.97E-54 | ++++ |
| 11 | 116662407 | rs3135506 | C | G | 0.071 | 0.1053 | 0.0051 | 2.14E-93 | ++++ |
| 11 | 116669828 | rs11216137 | G | A | 0.92216 | 0.0742 | 0.0077 | 5.165E-22 | ++++ |
| 11 | 116691634 | rs5110 | A | C | 0.06464 | 0.0857 | 0.0138 | 1.094E-09 | +--- |
| 11 | 116722041 | rs10047462 | G | T | 0.1306 | 0.0657 | 0.0061 | 9.247E-29 | ++++ |
| 11 | 116724232 | rs888246 | T | C | 0.08179 | 0.0617 | 0.0061 | 1.035E-23 | ++++ |
| 11 | 116741572 | rs533556 | A | C | 0.3694 | 0.0433 | 0.0037 | 2.869E-29 | ++++ |
| 11 | 116826643 | rs12270837 | A | C | 0.94195 | 0.056 | 0.0074 | 2.298E-13 | ++++ |
| 11 | 118480285 | rs12225399 | C | G | 0.3783 | 0.0176 | 0.0027 | 1.414E-10 | ++++ |
| 11 | 122534504 | rs7117842 | C | T | 0.3892 | 0.0294 | 0.0036 | 2.479E-15 | ++++ |
| 11 | 122563338 | rs11602361 | G | A | 0.6385 | 0.0243 | 0.0036 | 3.15E-11 | ++++ |
| 11 | 126228000 | rs59379014 | C | T | 0.926 | -0.072 | NA | 1.7E-13 | ++++ |
| 11 | 126243952 | rs11220462 | G | A | 0.88 | -0.06 | NA | 1.2E-15 | ++++ |
| 12 | 9082581 | rs4883201 | A | G | 0.8865 | 0.035 | 0.0056 | 1.742E-09 | +++- |
| 12 | 25408464 | rs12320328 | A | G | 0.9004 | 0.0216 | 0.0039 | 0.000000035 | ++++ |
| 12 | 109939641 | rs2241212 | A | T | 0.5581 | 0.0152 | 0.0027 | 1.521E-08 | ++++ |
| 12 | 112007756 | rs653178 | T | C | 0.5505 | 0.0273 | 0.0028 | 2.082E-22 | ++++ |
| 12 | 112194976 | rs737280 | C | T | 0.2586 | 0.0214 | 0.004 | 4.954E-08 | ++++ |
| 12 | 121416650 | rs1169288 | A | C | 0.6937 | -0.0344 | 0.003 | 1.563E-30 | ++++ |
| 12 | 123867994 | rs28516750 | A | G | 0.8985 | -0.0303 | 0.0043 | 2.37E-12 | ++++ |
| 12 | 125261593 | rs838880 | T | C | 0.6042 | -0.0174 | 0.0028 | 3.158E-10 | ++++ |
| 13 | 41609047 | rs17532301 | A | G | 0.0674 | -0.0304 | 0.0043 | 2.72E-12 | ++++ |
| 13 | 50198158 | rs4942859 | A | G | 0.5421 | -0.0133 | 0.0024 | 2.86E-08 | ++++ |
| 13 | 111025118 | rs4773173 | A | G | 0.657 | 0.0161 | 0.0022 | 4.93E-13 | ++++ |
| 14 | 24872209 | rs6573778 | T | C | 0.471 | 0.0263 | 0.0039 | 2.958E-11 | ++++ |
| 14 | 64235556 | rs7157785 | T | G | 0.2401 | 0.0206 | 0.0032 | 1.656E-10 | ++++ |
| 15 | 58549619 | rs7178779 | G | T | 0.4855 | 0.0234 | 0.0043 | 3.757E-08 | ++++ |
| 15 | 58579956 | rs2899624 | A | G | 0.8456 | 0.0382 | 0.0051 | 2.686E-12 | ++++ |
| 15 | 58646332 | rs4622454 | T | C | 0.3641 | 0.0234 | 0.0036 | 2.109E-10 | ++++ |
| 15 | 58679668 | rs7350789 | A | G | 0.3451 | 0.0522 | 0.0028 | 3.564E-78 | ++++ |
| 15 | 58683227 | rs12185071 | T | C | 0.1412 | 0.0439 | 0.0052 | 1.158E-14 | ++++ |
| 15 | 58684478 | rs17821274 | T | C | 0.3456 | 0.0276 | 0.0037 | 2.408E-13 | ++++ |
| 15 | 58710627 | rs11071380 | C | A | 0.5778 | 0.0419 | 0.0039 | 1.06E-24 | ++++ |
| 15 | 58712973 | rs11858279 | C | T | 0.2639 | 0.0431 | 0.0044 | 1.782E-21 | ++++ |
| 15 | 58721614 | rs11071381 | G | A | 0.5106 | 0.0286 | 0.0056 | 4.867E-08 | ++++ |
| 15 | 58723479 | rs1077834 | C | T | 0.2111 | 0.0652 | 0.0043 | 3.283E-47 | ++++ |
| 15 | 63793873 | rs11636917 | T | C | 0.6695 | -0.0206 | 0.003 | 3.308E-12 | ++++ |
| 16 | 56985555 | rs12448528 | G | A | 0.7731 | 0.0461 | 0.005 | 8.336E-18 | ++++ |
| 16 | 56991363 | rs183130 | T | C | 0.3073 | 0.0549 | 0.0028 | 1.012E-84 | ++++ |
| 16 | 57003146 | rs11076174 | T | C | 0.918 | 0.048 | NA | 0.000000027 | ++++ |
| 16 | 57006590 | rs7499892 | C | T | 0.821 | 0.067 | NA | 1.2E-27 | ++++ |
| 16 | 57015091 | rs5880 | G | C | 0.94063 | 0.0622 | 0.0092 | 3.655E-12 | +--- |
| 16 | 57017474 | rs289741 | G | A | 0.3219 | 0.0296 | 0.004 | 3.267E-11 | ++++ |
| 16 | 67879400 | rs3809630 | A | G | 0.1306 | 0.0314 | 0.0053 | 1.544E-08 | ++++ |
| 16 | 71583859 | rs2434885 | C | T | 0.801 | 0.043 | NA | 1.2E-13 | ++++ |
| 16 | 71869520 | rs8044335 | C | A | 0.4446 | 0.0288 | 0.0035 | 1.749E-14 | ++++ |
| 16 | 71983664 | rs1549292 | G | T | 0.1425 | 0.0314 | 0.0052 | 1.415E-08 | ++++ |
| 16 | 72009676 | rs12931964 | G | T | 0.1649 | 0.0356 | 0.0049 | 2.236E-11 | +--- |
| 16 | 72019948 | rs4788589 | A | T | 0.7889 | 0.0296 | 0.0043 | 1.592E-10 | ++++ |
| 16 | 72042682 | rs3213422 | A | C | 0.5026 | 0.0277 | 0.0037 | 7.455E-13 | ++++ |
| 16 | 72108093 | rs2000999 | A | G | 0.1847 | 0.0617 | 0.0044 | 6.804E-41 | ++++ |
| 16 | 72114002 | rs217181 | C | T | 0.7876 | 0.0572 | 0.0047 | 8.074E-31 | ++++ |
| 16 | 72144174 | rs9302635 | T | C | 0.8232 | 0.0366 | 0.0047 | 1.422E-14 | ++++ |
| 16 | 72243624 | rs8060878 | G | A | 0.4367 | 0.0287 | 0.0035 | 1.77E-13 | ++++ |
| 16 | 72312727 | rs12921986 | G | A | 0.06332 | 0.0468 | 0.007 | 2.416E-10 | ++++ |
| 16 | 72800567 | rs8044476 | G | A | 0.1293 | 0.0317 | 0.0051 | 5.316E-09 | ++++ |
| 17 | 7080316 | rs55714927 | C | T | 0.821 | 0.034 | NA | 0.000000021 | ++++ |
| 17 | 7091650 | rs314253 | T | C | 0.6649 | 0.0233 | 0.0037 | 2.808E-10 | ++++ |
| 17 | 8219478 | rs2270445 | A | G | 0.4596 | -0.0153 | 0.0027 | 2.469E-08 | ++++ |
| 17 | 18125877 | rs62072497 | A | G | 0.1882 | 0.0208 | 0.0034 | 1.172E-09 | ++++ |
| 17 | 28574177 | rs7214248 | A | G | 0.3149 | -0.0153 | 0.0025 | 7.23E-10 | ++++ |
| 17 | 37807698 | rs9972882 | C | A | 0.7401 | 0.0243 | 0.004 | 4.158E-08 | ++++ |
| 17 | 45312813 | rs4968255 | T | C | 0.285 | 0.0275 | 0.0048 | 2.061E-08 | ++++ |
| 17 | 45391804 | rs7225700 | C | T | 0.6728 | 0.0258 | 0.0037 | 1.075E-10 | ++++ |
| 17 | 45425115 | rs7206971 | G | A | 0.515 | -0.043 | NA | 1.7E-20 | ++++ |
| 17 | 67150176 | rs2886232 | T | C | 0.1201 | 0.0358 | 0.0062 | 3.874E-08 | ++++ |
| 17 | 76392144 | rs17561950 | A | G | 0.4593 | 0.0196 | 0.0027 | 4.581E-13 | ++++ |
| 18 | 47007234 | rs2156499 | G | A | 0.7111 | 0.0262 | 0.0039 | 1.018E-10 | ++++ |
| 18 | 47130342 | rs17712928 | A | G | 0.3325 | 0.0217 | 0.0037 | 1.37E-08 | ++++ |
| 18 | 47138066 | rs7241596 | T | C | 0.3417 | 0.0274 | 0.0037 | 1.315E-13 | ++++ |
| 18 | 47147746 | rs1105654 | A | G | 0.628 | 0.0381 | 0.0037 | 4.295E-23 | +++- |
| 18 | 47148299 | rs7229377 | T | C | 0.2216 | 0.0362 | 0.0046 | 4.68E-15 | ++++ |
| 18 | 47149371 | rs7235005 | A | G | 0.4987 | 0.0244 | 0.0036 | 1.515E-11 | ++++ |
| 18 | 47166101 | rs11659960 | C | G | 0.2493 | 0.0267 | 0.0041 | 6.355E-11 | ++++ |
| 18 | 47176911 | rs4939887 | G | A | 0.3958 | 0.0267 | 0.0036 | 4.219E-14 | ++++ |
| 18 | 47181668 | rs2156552 | T | A | 0.8219 | 0.057 | 0.0047 | 1.247E-31 | ++++ |
| 18 | 47187977 | rs1943979 | A | G | 0.6372 | 0.0298 | 0.0036 | 6.285E-16 | ++++ |
| 18 | 47258695 | rs4939890 | G | A | 0.91293 | 0.0428 | 0.0061 | 4.068E-12 | ++++ |
| 18 | 47398254 | rs9951669 | G | A | 0.2177 | 0.027 | 0.0043 | 1.09E-09 | ++++ |
| 18 | 47457559 | rs1787328 | C | T | 0.4617 | 0.0268 | 0.0038 | 3.702E-12 | ++++ |
| 19 | 10686123 | rs10403668 | G | A | 0.8377 | 0.0392 | 0.005 | 2.407E-13 | ++++ |
| 19 | 10742170 | rs2288904 | G | A | 0.7665 | 0.0409 | 0.0045 | 3.972E-17 | ++++ |
| 19 | 10802792 | rs13465 | G | A | 0.9314 | 0.084 | 0.0082 | 2.47E-23 | ++++ |
| 19 | 10904689 | rs1610095 | G | C | 0.558 | 0.051 | NA | 2.5E-22 | ++++ |
| 19 | 10950125 | rs11881156 | C | T | 0.8377 | 0.0689 | 0.0048 | 8.708E-44 | ++++ |
| 19 | 11023434 | rs1529711 | T | C | 0.1609 | 0.0315 | 0.0049 | 1.596E-10 | ++++ |
| 19 | 11114352 | rs12983316 | G | A | 0.1689 | 0.0402 | 0.005 | 4.014E-15 | +--- |
| 19 | 11146499 | rs3786721 | T | C | 0.4617 | 0.0366 | 0.0037 | 3.123E-21 | ++++ |
| 19 | 11161537 | rs3786722 | C | A | 0.7573 | 0.0613 | 0.0042 | 2.252E-45 | ++++ |
| 19 | 11190764 | rs36005514 | A | G | 0.0752 | 0.0538 | 0.0091 | 1.298E-08 | +--- |
| 19 | 11196886 | rs8106503 | T | C | 0.8354 | 0.1334 | 0.0037 | 1.64E-281 | ++++ |
| 19 | 11206530 | rs8110695 | T | A | 0.8206 | 0.0891 | 0.0048 | 2.311E-76 | -+++ |
| 19 | 11227602 | rs688 | T | C | 0.4472 | 0.0416 | 0.0036 | 1.648E-28 | ++++ |
| 19 | 11242307 | rs2738464 | C | G | 0.8747 | 0.0364 | 0.0059 | 2.418E-08 | ++++ |
| 19 | 11243445 | rs5742911 | A | G | 0.7322 | 0.0468 | 0.0055 | 3.521E-16 | ++++ |
| 19 | 11266584 | rs892114 | A | G | 0.2269 | 0.0294 | 0.0045 | 6.524E-10 | ++++ |
| 19 | 11275139 | rs7188 | C | A | 0.3259 | 0.0426 | 0.0042 | 6.499E-23 | ++++ |
| 19 | 11284302 | rs379309 | C | T | 0.5026 | 0.0266 | 0.0038 | 4.463E-11 | ++++ |
| 19 | 11392431 | rs376642 | C | T | 0.715 | 0.0246 | 0.0039 | 2.675E-11 | ++++ |
| 19 | 11425200 | rs17699238 | G | T | 0.2005 | 0.0246 | 0.0046 | 3.347E-08 | ++++ |
| 19 | 18577873 | rs4808802 | C | G | 0.215 | 0.0251 | 0.0044 | 3.266E-08 | ++++ |
| 19 | 19103986 | rs3810444 | T | A | 0.94459 | 0.0648 | 0.0081 | 9.406E-15 | +--- |
| 19 | 19288960 | rs3819578 | C | T | 0.8747 | 0.0544 | 0.0076 | 1.744E-12 | ++++ |
| 19 | 19407718 | rs10401969 | T | C | 0.92876 | 0.1369 | 0.007 | 4.126E-77 | ++++ |
| 19 | 19525792 | rs2965185 | T | C | 0.7256 | 0.042 | 0.0039 | 2.465E-23 | ++++ |
| 19 | 19738554 | rs873870 | G | A | 0.4802 | 0.0216 | 0.0038 | 1.666E-08 | ++++ |
| 19 | 19841752 | rs12608822 | C | T | 0.94855 | 0.0901 | 0.009 | 9.137E-23 | +--- |
| 19 | 44880360 | rs1594895 | T | C | 0.8179 | 0.0259 | 0.0045 | 3.183E-08 | ++++ |
| 19 | 44952066 | rs926054 | T | G | 0.91425 | 0.0334 | 0.0057 | 2.407E-08 | ++++ |
| 19 | 45017064 | rs17800819 | C | T | 0.876 | 0.033 | 0.0053 | 1.172E-09 | +--- |
| 19 | 45140165 | rs10460181 | A | G | 0.8127 | 0.0349 | 0.0045 | 7.26E-14 | ++++ |
| 19 | 45164732 | rs2272021 | T | G | 0.93799 | 0.0634 | 0.0116 | 2.506E-08 | ++++ |
| 19 | 45165912 | rs714948 | A | C | 0.1266 | 0.0364 | 0.006 | 2.498E-10 | +--- |
| 19 | 45237812 | rs2965101 | T | C | 0.653 | 0.0499 | 0.0038 | 7.462E-38 | ++++ |
| 19 | 45247627 | rs4803750 | A | G | 0.94459 | 0.1485 | 0.0075 | 7.897E-84 | ++++ |
| 19 | 45254168 | rs8103315 | A | C | 0.1359 | 0.0422 | 0.0055 | 5.942E-15 | +++- |
| 19 | 45313715 | rs2927477 | T | C | 0.8826 | 0.0729 | 0.0134 | 8.167E-10 | ++++ |
| 19 | 45328476 | rs11668536 | C | T | 0.7731 | 0.0388 | 0.0044 | 4.656E-17 | ++++ |
| 19 | 45329214 | rs10402271 | G | T | 0.3404 | 0.0702 | 0.0037 | 8.895E-74 | ++++ |
| 19 | 45333834 | rs4803760 | C | T | 0.8047 | 0.0837 | 0.0048 | 1.992E-65 | ++++ |
| 19 | 45344458 | rs2972564 | G | A | 0.1741 | 0.0474 | 0.0065 | 2.573E-13 | ++++ |
| 19 | 45372354 | rs8104483 | G | T | 0.2942 | 0.041 | 0.004 | 4.104E-22 | ++++ |
| 19 | 45373565 | rs395908 | G | A | 0.8602 | 0.1169 | 0.0073 | 7.473E-55 | ++++ |
| 19 | 45382034 | rs6859 | A | G | 0.442 | 0.0636 | 0.0037 | 5.019E-57 | ++++ |
| 19 | 45395266 | rs157580 | A | G | 0.6201 | 0.0969 | 0.0043 | 3.16E-104 | ++++ |
| 19 | 45413576 | rs75627662 | C | T | 0.8166 | 0.0351 | 0.0061 | 1.875E-08 | ++++ |
| 19 | 45415640 | rs445925 | G | A | 0.91293 | 0.2212 | 0.0077 | 2.21E-166 | ++++ |
| 19 | 45422160 | rs12721051 | C | G | 0.8427 | -0.1061 | 0.0037 | 1.12E-179 | ++++ |
| 19 | 45427353 | rs4803770 | G | C | 0.3734 | 0.0431 | 0.0042 | 1.17E-22 | ++++ |
| 19 | 45432557 | rs7259004 | G | C | 0.90106 | 0.1247 | 0.0088 | 3.197E-44 | ++++ |
| 19 | 45477381 | rs16979595 | A | G | 0.1873 | 0.0296 | 0.005 | 5.418E-09 | ++++ |
| 19 | 45650386 | rs1048699 | T | C | 0.1029 | 0.0315 | 0.0056 | 3.742E-08 | ++++ |
| 19 | 45653227 | rs8108762 | G | A | 0.6847 | 0.0262 | 0.004 | 1.291E-10 | ++++ |
| 19 | 46202172 | rs2287019 | C | T | 0.81 | 0.0292 | 0.0046 | 4.018E-10 | ++++ |
| 19 | 46406463 | rs17651629 | C | T | 0.91293 | 0.0324 | 0.0059 | 3.854E-08 | ++++ |
| 19 | 49213504 | rs2452170 | G | A | 0.497 | -0.042 | NA | 2E-19 | ++++ |
| 19 | 54797848 | rs103294 | T | C | 0.186 | 0.0314 | 0.0045 | 2.27E-11 | ++++ |
| 20 | 17844684 | rs2618566 | G | T | 0.35 | 0.031 | NA | 2.3E-10 | ++++ |
| 20 | 31392777 | rs6058893 | T | C | 0.4719 | 0.0118 | 0.0022 | 4.83E-08 | ++++ |
| 20 | 34131396 | rs12481365 | T | C | 0.1592 | -0.032 | 0.0036 | 2.174E-19 | ++++ |
| 20 | 34285442 | rs6060565 | C | T | 0.8074 | 0.0302 | 0.0046 | 1.936E-10 | ++++ |
| 20 | 39091487 | rs2902940 | A | G | 0.7586 | 0.0241 | 0.0039 | 8.836E-10 | ++++ |
| 20 | 39180436 | rs6016381 | T | C | 0.6398 | 0.0328 | 0.0036 | 5.062E-18 | ++++ |
| 20 | 39275603 | rs6129653 | T | C | 0.3351 | 0.0283 | 0.004 | 5.749E-12 | -+++ |
| 20 | 39293397 | rs742748 | T | C | 0.5963 | 0.022 | 0.0037 | 4.826E-09 | ++++ |
| 20 | 39830122 | rs2235367 | G | A | 0.4565 | 0.0357 | 0.0035 | 7.219E-25 | ++++ |
| 20 | 39870578 | rs6129778 | A | C | 0.1781 | 0.0344 | 0.0043 | 5.145E-16 | -+++ |
| 20 | 40078085 | rs4142393 | T | C | 0.543 | 0.0172 | 0.003 | 8.981E-09 | ++++ |
| 21 | 40574305 | rs2183573 | A | G | 0.4103 | -0.0182 | 0.002 | 5.13E-19 | ++++ |
| 22 | 21916272 | rs5754102 | A | C | 0.1892 | -0.027 | 0.0038 | 1.239E-12 | ++++ |
| 22 | 35711098 | rs138777 | A | G | 0.3483 | 0.0214 | 0.0037 | 4.74E-08 | ++++ |
| 22 | 44324727 | rs738409 | C | G | 0.7355 | 0.0341 | 0.0062 | 3.602E-08 | ++++ |
| 22 | 46627603 | rs4253772 | T | C | 0.1187 | 0.0322 | 0.0058 | 9.852E-09 | +++- |
| 23 | 109716407 | rs5942937 | T | G | 0.597 | 0.043 | NA | 1.4E-26 | ---- |
| \* Indicates whether the SNP was present in each genetic study included in this analysis. (+) and (-) indicate the SNP is present or absent, respectively. The order of the studies is UK Biobank, GOCHA, ISGC ICH and GERFHS. | | | | | | | | | |

**Supplementary Table 2: SNPs used in the polygenic risk score of LDL cholesterol.**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chr** | **Pos** | **rsid** | **EA** | **NEA** | **EAF** | **Beta** | **se** | **P** | **SNP Present  in Study\*** |
| 1 | 16509671 | rs7538216 | T | C | 0.0718 | -0.0132 | 0.0024 | 4.82E-08 | ++++ |
| 1 | 25768937 | rs10903129 | G | A | 0.5369 | 0.0328 | 0.0037 | 3.03E-17 | ++++ |
| 1 | 27138393 | rs12748152 | T | C | 0.07124 | 0.0499 | 0.0066 | 3.21E-12 | +--- |
| 1 | 27397604 | rs12410656 | T | C | 0.07388 | 0.0516 | 0.0083 | 3.57E-08 | +--- |
| 1 | 55486064 | rs2479394 | G | A | 0.285 | 0.0386 | 0.0041 | 1.58E-19 | ++++ |
| 1 | 55496039 | rs11206510 | T | C | 0.8456 | 0.0831 | 0.005 | 2.38E-53 | ++++ |
| 1 | 55496556 | rs2495495 | T | C | 0.1346 | 0.0342 | 0.0059 | 3.52E-08 | ++++ |
| 1 | 55504650 | rs2479409 | G | A | 0.3325 | 0.0642 | 0.0041 | 2.52E-50 | ++++ |
| 1 | 55509872 | rs4927193 | T | C | 0.8694 | 0.0352 | 0.0056 | 4.27E-11 | ++++ |
| 1 | 55516004 | rs11206514 | A | C | 0.6108 | 0.0507 | 0.0041 | 9.95E-33 | ++++ |
| 1 | 55517344 | rs572512 | T | C | 0.3456 | 0.0478 | 0.0047 | 5.31E-26 | ++++ |
| 1 | 55518166 | rs625619 | A | G | 0.5435 | 0.0425 | 0.0053 | 7.25E-14 | ++++ |
| 1 | 55518752 | rs7552841 | T | C | 0.3654 | 0.0368 | 0.0044 | 5.4E-15 | ++++ |
| 1 | 55524116 | rs585131 | T | C | 0.8153 | 0.0637 | 0.005 | 2.7E-35 | ++++ |
| 1 | 55608005 | rs1165226 | T | C | 0.591 | 0.0418 | 0.0054 | 3.61E-15 | ++++ |
| 1 | 55713628 | rs4927207 | G | A | 0.8285 | 0.0692 | 0.0049 | 2.36E-39 | ++++ |
| 1 | 55724704 | rs2647281 | G | A | 0.05541 | 0.0589 | 0.0095 | 2.27E-09 | ++++ |
| 1 | 55730327 | rs6662286 | C | T | 0.90633 | 0.0989 | 0.0073 | 6.3E-36 | ++++ |
| 1 | 55743519 | rs1874776 | C | T | 0.7823 | 0.044 | 0.0044 | 2.76E-21 | ++++ |
| 1 | 55808143 | rs207145 | T | C | 0.8905 | 0.0495 | 0.0057 | 6.19E-18 | ++++ |
| 1 | 56240278 | rs12066643 | C | T | 0.8813 | 0.0389 | 0.0064 | 1.06E-08 | ++++ |
| 1 | 62995263 | rs12039115 | C | T | 0.8905 | 0.0345 | 0.0057 | 1.26E-09 | ++++ |
| 1 | 63094207 | rs11485618 | A | G | 0.6913 | 0.05 | 0.0039 | 3.73E-33 | ++++ |
| 1 | 63211706 | rs12129277 | T | C | 0.92348 | 0.0562 | 0.0094 | 4.83E-08 | +--- |
| 1 | 63358816 | rs7512480 | T | C | 0.4802 | 0.0221 | 0.0037 | 2.62E-08 | ++++ |
| 1 | 92993547 | rs4970712 | C | A | 0.8061 | 0.0339 | 0.0044 | 2.46E-13 | ++++ |
| 1 | 107617707 | rs1730859 | A | G | 0.0668 | -0.0187 | 0.0025 | 4.12E-14 | ++++ |
| 1 | 109705022 | rs676385 | G | A | 0.719 | 0.0354 | 0.0043 | 1.17E-15 | ++++ |
| 1 | 109715950 | rs4970824 | G | A | 0.92876 | 0.0807 | 0.0097 | 4.59E-15 | +--- |
| 1 | 109727284 | rs648673 | G | C | 0.8852 | 0.0503 | 0.0057 | 1.16E-18 | ++++ |
| 1 | 109781909 | rs603643 | G | A | 0.7375 | 0.0246 | 0.004 | 3.79E-09 | ++++ |
| 1 | 109782190 | rs611060 | C | T | 0.5923 | 0.0534 | 0.0037 | 4.27E-42 | ++++ |
| 1 | 109783261 | rs11102964 | T | C | 0.8325 | 0.0572 | 0.0049 | 7.96E-30 | ++++ |
| 1 | 109810981 | rs17035630 | A | G | 0.128 | 0.0505 | 0.0061 | 1.44E-16 | ++++ |
| 1 | 109813719 | rs17035665 | C | T | 0.8153 | 0.0772 | 0.0059 | 1.02E-38 | ++++ |
| 1 | 109815252 | rs611917 | A | G | 0.6818 | 0.1122 | 0.0028 | 1E-300 | ++++ |
| 1 | 109822404 | rs10410 | A | G | 0.1108 | 0.041 | 0.0061 | 6.2E-11 | ++++ |
| 1 | 109826136 | rs657420 | T | C | 0.5185 | 0.0634 | 0.0039 | 6.96E-60 | ++++ |
| 1 | 109827253 | rs672569 | G | A | 0.843 | 0.1431 | 0.0082 | 2.08E-64 | ++++ |
| 1 | 109838264 | rs12127701 | A | G | 0.93404 | 0.1049 | 0.0082 | 4.54E-36 | ++++ |
| 1 | 109839896 | rs7515901 | C | T | 0.8179 | 0.0489 | 0.0052 | 4.28E-18 | ++++ |
| 1 | 109845100 | rs1278286 | T | G | 0.1438 | 0.0441 | 0.0061 | 8.82E-14 | +--- |
| 1 | 110030945 | rs1144593 | A | G | 0.6689 | 0.0325 | 0.0041 | 7.23E-14 | ++++ |
| 1 | 110061625 | rs534135 | T | C | 0.5343 | 0.0214 | 0.0036 | 3.43E-08 | ++++ |
| 1 | 110109039 | rs518076 | A | G | 0.93008 | 0.0467 | 0.0063 | 5.6E-14 | ++++ |
| 1 | 110169190 | rs865774 | C | T | 0.8391 | 0.0354 | 0.0055 | 2.76E-10 | ++++ |
| 1 | 110198727 | rs1010167 | G | C | 0.4156 | 0.025 | 0.0039 | 6.22E-11 | ++++ |
| 1 | 150958836 | rs267733 | A | G | 0.8628 | 0.0331 | 0.0053 | 5.29E-09 | ++++ |
| 1 | 220970028 | rs2642438 | A | G | 0.293 | -0.047 | NA | 1.4E-19 | ++++ |
| 1 | 220975337 | rs1874124 | C | T | 0.852 | 0.041 | NA | 2.6E-09 | ++++ |
| 1 | 220998913 | rs7544735 | A | G | 0.3034 | 0.0265 | 0.0041 | 3.36E-11 | ++++ |
| 1 | 221055463 | rs2247213 | G | A | 0.6609 | 0.0219 | 0.0038 | 1.41E-08 | ++++ |
| 1 | 234848763 | rs10910490 | A | G | 0.1609 | 0.0382 | 0.0051 | 3.37E-13 | ++++ |
| 1 | 234857676 | rs484084 | T | C | 0.4183 | -0.033 | 0.0028 | 1.94E-31 | ++++ |
| 2 | 20985414 | rs11679386 | C | T | 0.128 | 0.0452 | 0.0061 | 4.75E-14 | +--- |
| 2 | 21092106 | rs10178381 | A | T | 0.8879 | 0.0521 | 0.0066 | 4.11E-15 | ++++ |
| 2 | 21099871 | rs6729410 | A | G | 0.6451 | 0.0389 | 0.004 | 8.8E-22 | ++++ |
| 2 | 21112689 | rs12710745 | A | G | 0.6042 | 0.0429 | 0.0038 | 2E-28 | ++++ |
| 2 | 21119850 | rs3903032 | T | A | 0.1055 | 0.0607 | 0.0061 | 1.98E-20 | +--- |
| 2 | 21133883 | rs10198175 | A | G | 0.08443 | 0.0768 | 0.0063 | 1.45E-32 | ++++ |
| 2 | 21188488 | rs4665788 | T | C | 0.2256 | 0.0667 | 0.0042 | 1.12E-52 | ++++ |
| 2 | 21190209 | rs6547409 | C | T | 0.94063 | 0.1226 | 0.0087 | 8.19E-45 | +--- |
| 2 | 21196346 | rs10207315 | T | G | 0.223 | 0.0492 | 0.0043 | 2.65E-28 | ++++ |
| 2 | 21206183 | rs6754295 | T | G | 0.7414 | 0.0628 | 0.0042 | 1.64E-47 | ++++ |
| 2 | 21217490 | rs13392272 | T | C | 0.4129 | 0.0875 | 0.0037 | 1.46E-118 | ++++ |
| 2 | 21219001 | rs6725189 | G | T | 0.7652 | 0.0604 | 0.0045 | 5.63E-40 | ++++ |
| 2 | 21228827 | rs1801701 | T | C | 0.07916 | 0.0638 | 0.0064 | 2.3E-21 | ++++ |
| 2 | 21245367 | rs3791981 | A | G | 0.8799 | 0.0939 | 0.0067 | 2.03E-41 | ++++ |
| 2 | 21249716 | rs12691202 | C | T | 0.94855 | 0.0966 | 0.0114 | 8.22E-19 | +--- |
| 2 | 21263900 | rs1367117 | A | G | 0.2876 | 0.1186 | 0.004 | 9.48E-183 | ++++ |
| 2 | 21270751 | rs17398765 | G | A | 0.0686 | 0.0916 | 0.0076 | 3.54E-32 | +--- |
| 2 | 21299867 | rs577584 | A | T | 0.6896 | 0.1008 | 0.0031 | 1.15E-229 | ++++ |
| 2 | 21389659 | rs4635554 | G | T | 0.3061 | 0.0783 | 0.0041 | 1.24E-75 | ++++ |
| 2 | 21453211 | rs10198972 | G | A | 0.93404 | 0.1004 | 0.0095 | 5.33E-25 | ++++ |
| 2 | 21474487 | rs312046 | T | C | 0.2968 | 0.0444 | 0.0039 | 2.78E-26 | ++++ |
| 2 | 21476634 | rs7571647 | G | A | 0.8681 | 0.1009 | 0.0073 | 7.96E-38 | ++++ |
| 2 | 21502727 | rs13396400 | G | A | 0.4446 | 0.0342 | 0.0037 | 1.01E-18 | ++++ |
| 2 | 21527036 | rs6739502 | A | G | 0.4947 | 0.037 | 0.0036 | 5.27E-25 | ++++ |
| 2 | 21769639 | rs2194562 | A | G | 0.09367 | 0.0457 | 0.0061 | 2.44E-11 | +++- |
| 2 | 27741237 | rs780094 | T | C | 0.3711 | 0.0261 | 0.0028 | 2.54E-21 | ++++ |
| 2 | 44022970 | rs1025447 | C | T | 0.1583 | 0.0418 | 0.0048 | 3.78E-16 | ++++ |
| 2 | 44037488 | rs3792008 | A | G | 0.814 | 0.0309 | 0.0047 | 1.78E-10 | ++++ |
| 2 | 44043135 | rs10208987 | T | G | 0.91029 | 0.0486 | 0.0068 | 2.36E-12 | ++++ |
| 2 | 44057102 | rs4148177 | G | A | 0.5673 | 0.0365 | 0.0051 | 1.15E-11 | ++++ |
| 2 | 44074000 | rs4953023 | G | A | 0.91557 | 0.1313 | 0.0074 | 1.73E-66 | ++++ |
| 2 | 44074431 | rs4245791 | T | C | 0.7072 | -0.0604 | 0.0029 | 5.94E-94 | ++++ |
| 2 | 44075217 | rs17424122 | A | T | 0.06596 | 0.0645 | 0.0091 | 5.4E-12 | +--- |
| 2 | 44099582 | rs4148218 | G | A | 0.8087 | 0.0441 | 0.0047 | 6.76E-21 | ++++ |
| 2 | 46166321 | rs12712955 | A | G | 0.0577 | 0.014 | 0.0025 | 1.69E-08 | ++++ |
| 2 | 62871225 | rs11125936 | T | C | 0.8984 | 0.0366 | 0.006 | 4.07E-08 | ++++ |
| 2 | 62955387 | rs360801 | A | G | 0.6635 | 0.0186 | 0.003 | 7.02E-10 | ++++ |
| 2 | 70524142 | rs14234 | A | G | 0.1492 | -0.0112 | 0.002 | 2.07E-08 | ++++ |
| 2 | 109232388 | rs826682 | A | C | 0.0647 | -0.0175 | 0.0029 | 1.26E-09 | ++++ |
| 2 | 118849850 | rs12464355 | A | G | 0.9087 | 0.0384 | 0.005 | 1.84E-14 | +--- |
| 2 | 121306440 | rs17050272 | A | G | 0.3889 | -0.0216 | 0.0028 | 1.98E-14 | ++++ |
| 2 | 135762344 | rs16831243 | T | C | 0.1807 | 0.0378 | 0.0055 | 9.06E-12 | ++++ |
| 2 | 136608646 | rs4988235 | G | A | 0.4763 | 0.0278 | 0.0042 | 3.22E-11 | ++++ |
| 2 | 165513091 | rs10195252 | T | C | 0.5818 | 0.0238 | 0.0039 | 3.81E-08 | ++++ |
| 2 | 169829772 | rs2389606 | T | C | 0.5793 | -0.0149 | 0.0026 | 1.62E-08 | ++++ |
| 2 | 203489457 | rs182472492 | A | G | 0.7247 | 0.0276 | 0.0031 | 5.71E-19 | ++++ |
| 2 | 216304384 | rs1250229 | C | T | 0.7889 | 0.0243 | 0.0042 | 3.13E-08 | ++++ |
| 2 | 234612539 | rs7567229 | A | C | 0.3668 | -0.0189 | 0.0029 | 4.26E-11 | ++++ |
| 2 | 234679384 | rs11563251 | T | C | 0.1253 | 0.0345 | 0.0062 | 0.000000045 | ++++ |
| 3 | 12296469 | rs9875338 | G | A | 0.6121 | 0.027 | 0.0037 | 2.21E-11 | ++++ |
| 3 | 12470239 | rs1797912 | A | C | 0.63 | 0.03 | NA | 1.2E-09 | ++++ |
| 3 | 12489342 | rs17819328 | G | T | 0.4261 | 0.0236 | 0.0038 | 6.17E-09 | ++++ |
| 3 | 12674199 | rs11709504 | T | C | 0.7982 | 0.0251 | 0.0047 | 0.000000046 | ++++ |
| 3 | 32541553 | rs17029617 | A | G | 0.1606 | -0.0331 | 0.0041 | 3.9E-16 | ++++ |
| 3 | 52029991 | rs62259757 | A | G | 0.0681 | 0.0388 | 0.0066 | 3.81E-09 | +--- |
| 3 | 58386274 | rs4560319 | T | C | 0.0817 | -0.0266 | 0.0048 | 3.74E-08 | ++++ |
| 3 | 122176238 | chr3:122176238:D | TG | T | 0.688 | -0.03 | NA | 4.6E-09 | ---- |
| 3 | 132163200 | rs17404153 | G | T | 0.8562 | 0.0336 | 0.0054 | 1.83E-09 | +--+ |
| 4 | 3434885 | rs6818397 | T | G | 0.4129 | 0.0224 | 0.004 | 1.68E-08 | ++++ |
| 4 | 69341487 | rs976058 | T | C | 0.5856 | 0.022 | 0.0027 | 2.02E-16 | ++++ |
| 5 | 74274675 | rs4382144 | A | G | 0.5871 | 0.0289 | 0.0037 | 3.25E-15 | ++++ |
| 5 | 74405097 | rs4361493 | G | A | 0.4077 | 0.0469 | 0.0038 | 1.11E-33 | ++++ |
| 5 | 74413713 | rs2035191 | C | T | 0.186 | 0.0611 | 0.0047 | 5.7E-35 | ++++ |
| 5 | 74620377 | rs3857388 | C | T | 0.128 | 0.0421 | 0.0059 | 2.2E-11 | ++++ |
| 5 | 74641560 | rs10515198 | A | G | 0.1029 | 0.0599 | 0.0061 | 5.99E-22 | ++++ |
| 5 | 74656539 | rs12916 | C | T | 0.4314 | 0.0733 | 0.0038 | 7.79E-78 | ++++ |
| 5 | 74745228 | rs10070207 | T | G | 0.2296 | 0.0493 | 0.0045 | 1.1E-24 | ++++ |
| 5 | 74928883 | rs253392 | G | T | 0.2625 | 0.0456 | 0.0041 | 8.28E-26 | ++++ |
| 5 | 74929312 | rs16872670 | A | G | 0.05673 | 0.0553 | 0.0084 | 1.8E-09 | ++++ |
| 5 | 74971374 | rs10515214 | G | A | 0.1821 | 0.0416 | 0.005 | 3.62E-16 | ++++ |
| 5 | 75034387 | rs7715806 | T | C | 0.3879 | 0.0359 | 0.0039 | 2.1E-19 | ++++ |
| 5 | 75132546 | rs7727150 | G | T | 0.4789 | 0.024 | 0.0038 | 4.97E-09 | ++++ |
| 5 | 122855416 | rs4530754 | A | G | 0.5818 | 0.0275 | 0.0036 | 3.58E-12 | ++++ |
| 5 | 131797547 | rs6894249 | A | G | 0.5782 | -0.0154 | 0.0027 | 6.3E-09 | ++++ |
| 5 | 131804045 | rs2522061 | G | T | 0.792 | 0.037 | NA | 2.5E-10 | ++++ |
| 5 | 141913503 | rs249756 | A | G | 0.2164 | 0.0158 | 0.0029 | 4.11E-08 | ++++ |
| 5 | 156273481 | rs4704810 | A | G | 0.3826 | 0.0217 | 0.0038 | 8.28E-09 | ++++ |
| 5 | 156390297 | rs6882076 | C | T | 0.6662 | 0.0456 | 0.0038 | 3.31E-31 | ++++ |
| 5 | 156430705 | rs1546288 | A | G | 0.3879 | 0.0298 | 0.0037 | 1.04E-14 | ++++ |
| 5 | 156468654 | rs7715467 | G | C | 0.8377 | 0.0355 | 0.005 | 2.39E-11 | ++++ |
| 5 | 156475398 | rs7706174 | T | G | 0.8232 | 0.0316 | 0.0047 | 8.08E-11 | ++++ |
| 6 | 16124560 | rs6459450 | T | C | 0.672 | 0.044 | NA | 4.1E-18 | ++++ |
| 6 | 16195308 | rs2327951 | T | C | 0.7296 | 0.027 | 0.0041 | 3.48E-10 | ++++ |
| 6 | 26093141 | rs1800562 | G | A | 0.939 | 0.099 | NA | 1.6E-23 | ++++ |
| 6 | 27122444 | rs71559014 | A | G | 0.9285 | 0.0399 | 0.0056 | 1.25E-12 | +--- |
| 6 | 34592090 | rs6907508 | A | G | 0.888 | 0.0244 | 0.0044 | 3.49E-08 | ++++ |
| 6 | 116352750 | rs6909746 | C | T | 0.6082 | 0.0263 | 0.0037 | 7.86E-11 | ++++ |
| 6 | 135419042 | rs35786788 | G | A | 0.742 | 0.041 | NA | 1.6E-14 | ++++ |
| 6 | 160402705 | rs6917747 | A | G | 0.1398 | 0.0362 | 0.0054 | 8.07E-10 | ++++ |
| 6 | 160491741 | rs3798180 | A | G | 0.6227 | 0.0271 | 0.0038 | 2.77E-12 | ++++ |
| 6 | 160543148 | rs12208357 | C | T | 0.925 | -0.064 | NA | 7.6E-13 | +--- |
| 6 | 160543562 | rs461473 | G | A | 0.90765 | 0.0427 | 0.0064 | 4.96E-10 | ++++ |
| 6 | 160560933 | rs9457843 | C | T | 0.8931 | 0.0328 | 0.0057 | 2.62E-08 | ++++ |
| 6 | 160575985 | rs2297374 | C | T | 0.611 | 0.039 | NA | 4.8E-16 | ++++ |
| 6 | 160578860 | rs1564348 | C | T | 0.1451 | 0.0481 | 0.005 | 2.76E-21 | ++++ |
| 6 | 160735281 | rs3125056 | C | T | 0.124 | 0.0346 | 0.0055 | 2.57E-09 | +++- |
| 6 | 160737140 | rs378479 | G | C | 0.4789 | 0.0221 | 0.0036 | 1.68E-08 | ++++ |
| 6 | 160953035 | rs3127596 | G | A | 0.3087 | 0.0221 | 0.004 | 0.000000022 | ++++ |
| 6 | 160998148 | rs3798221 | G | T | 0.777 | 0.0368 | 0.0045 | 1.06E-15 | ++++ |
| 6 | 161005389 | rs191555775 | A | T | 0.901 | 0.049 | NA | 1.1E-09 | +--- |
| 6 | 161010118 | rs10455872 | A | G | 0.9351 | -0.0881 | 0.0057 | 2.81E-54 | +--- |
| 6 | 161018174 | rs7770628 | C | T | 0.4485 | 0.0258 | 0.0037 | 3.17E-11 | ++++ |
| 6 | 161108536 | rs6935921 | T | C | 0.7361 | 0.0298 | 0.0042 | 3.42E-11 | ++++ |
| 7 | 1082918 | rs10275712 | A | G | 0.198 | -0.0275 | 0.0033 | 1.91E-16 | ++++ |
| 7 | 21496496 | rs6461566 | C | T | 0.3799 | 0.0231 | 0.0038 | 1.06E-08 | ++++ |
| 7 | 21611970 | rs73066485 | T | G | 0.8132 | -0.0295 | 0.0036 | 1.57E-16 | ++++ |
| 7 | 25991826 | rs4722551 | T | C | 0.8459 | -0.0324 | 0.0038 | 8.65E-18 | ++++ |
| 7 | 25997536 | rs4719841 | A | G | 0.6174 | 0.0243 | 0.0038 | 5.78E-10 | ++++ |
| 7 | 44581986 | rs17725246 | T | C | 0.7926 | -0.0326 | 0.0033 | 1.88E-22 | ++++ |
| 7 | 44600695 | rs217386 | G | A | 0.5923 | 0.0363 | 0.0038 | 1.2E-19 | ++++ |
| 7 | 44602589 | rs7791240 | C | T | 0.09103 | 0.0425 | 0.0065 | 1.84E-10 | +--- |
| 7 | 87076587 | rs1014283 | A | C | 0.1422 | -0.0164 | 0.0027 | 7.43E-10 | ++++ |
| 8 | 9171735 | rs713286 | T | C | 0.92216 | 0.0473 | 0.0072 | 4.5E-10 | ++++ |
| 8 | 9175958 | rs330093 | C | G | 0.7784 | 0.0321 | 0.0045 | 4.64E-12 | ++++ |
| 8 | 9181395 | rs2169387 | A | G | 0.1311 | -0.0422 | 0.0041 | 2.79E-25 | ++++ |
| 8 | 9206069 | rs10102352 | G | A | 0.6161 | 0.0321 | 0.0053 | 1.06E-08 | ++++ |
| 8 | 10508801 | rs7821092 | C | G | 0.5705 | -0.0208 | 0.0031 | 2.15E-11 | ++++ |
| 8 | 21937667 | rs6557781 | T | C | 0.0573 | -0.0186 | 0.0029 | 1.58E-10 | ++++ |
| 8 | 55421614 | rs10102164 | A | G | 0.1741 | 0.0316 | 0.0045 | 3.74E-11 | ++++ |
| 8 | 59392324 | rs9297994 | A | G | 0.6903 | -0.0282 | 0.003 | 7.7E-21 | ++++ |
| 8 | 116663898 | rs2737252 | G | A | 0.7441 | 0.0314 | 0.0041 | 7.04E-14 | ++++ |
| 8 | 126449406 | rs17405319 | T | C | 0.1636 | 0.0403 | 0.0052 | 2.92E-14 | ++++ |
| 8 | 126470817 | rs4518686 | G | A | 0.4024 | 0.0407 | 0.0039 | 1.39E-23 | ++++ |
| 8 | 126474356 | rs2980884 | G | A | 0.3681 | 0.0299 | 0.004 | 5.69E-13 | ++++ |
| 8 | 126478450 | rs2001846 | T | C | 0.4479 | 0.0539 | 0.0028 | 2.73E-82 | ++++ |
| 8 | 126500350 | rs8180991 | G | C | 0.2309 | 0.045 | 0.0044 | 1.8E-22 | ++++ |
| 8 | 145022657 | rs7832643 | T | G | 0.405 | 0.0339 | 0.0038 | 2.67E-17 | ++++ |
| 9 | 2640759 | rs3780181 | A | G | 0.8776 | 0.0315 | 0.0046 | 1.23E-11 | ++++ |
| 9 | 19217421 | rs13288021 | T | C | 0.0819 | 0.0408 | 0.0064 | 2.43E-10 | ++++ |
| 9 | 107595602 | rs7873387 | A | C | 0.8136 | -0.0211 | 0.0038 | 3.79E-08 | ++++ |
| 9 | 107664301 | rs1883025 | C | T | 0.7573 | 0.0296 | 0.0044 | 6.14E-11 | ++++ |
| 9 | 136064766 | rs11795315 | A | G | 0.3232 | 0.0286 | 0.004 | 1.44E-11 | ++++ |
| 9 | 136084941 | rs4489379 | T | C | 0.5726 | 0.0312 | 0.0039 | 4.32E-15 | ++++ |
| 9 | 136094150 | rs4246169 | A | C | 0.8377 | 0.0319 | 0.0051 | 2.94E-09 | ++++ |
| 9 | 136132754 | rs8176722 | C | A | 0.8892 | 0.0473 | 0.006 | 1.85E-14 | ++++ |
| 9 | 136132873 | rs8176720 | T | C | 0.6636 | 0.0332 | 0.0038 | 1.59E-17 | ++++ |
| 9 | 136141870 | rs2519093 | T | C | 0.1808 | 0.0737 | 0.0034 | 8.27E-102 | +--- |
| 9 | 136149722 | rs630014 | G | A | 0.5343 | 0.0311 | 0.0037 | 2.1E-16 | ++++ |
| 9 | 136155359 | rs7030248 | G | A | 0.6135 | 0.0298 | 0.0039 | 5.95E-12 | ++++ |
| 9 | 136191010 | rs11244084 | T | C | 0.08047 | 0.0696 | 0.0104 | 7.86E-11 | +--- |
| 9 | 136194595 | rs17150482 | T | C | 0.7282 | 0.0276 | 0.0041 | 6.03E-10 | ++++ |
| 9 | 136323754 | rs4962153 | A | G | 0.153 | 0.0469 | 0.0062 | 2.32E-13 | ++++ |
| 10 | 17268839 | rs3758413 | T | C | 0.6103 | -0.0176 | 0.0027 | 7.94E-11 | ++++ |
| 10 | 94839724 | rs4418728 | T | G | 0.4271 | -0.016 | 0.0027 | 1.81E-09 | ++++ |
| 10 | 113933886 | rs2255141 | A | G | 0.298 | 0.047 | NA | 8.1E-20 | ++++ |
| 10 | 124693587 | rs7904973 | T | G | 0.5573 | 0.0203 | 0.0026 | 1.08E-14 | ++++ |
| 11 | 18656271 | rs10832962 | T | C | 0.719 | 0.032 | 0.004 | 6.62E-14 | ++++ |
| 11 | 46301255 | rs73461870 | A | G | 0.8911 | -0.0249 | 0.0045 | 3.46E-08 | ++++ |
| 11 | 61548874 | rs174532 | A | G | 0.2929 | 0.0353 | 0.0042 | 3.13E-16 | ++++ |
| 11 | 61594920 | chr11:61594920:D | CT | C | 0.662 | 0.074 | NA | 8.6E-50 | ---- |
| 11 | 61601908 | rs2845573 | A | G | 0.8971 | 0.0536 | 0.0061 | 1.24E-17 | ++++ |
| 11 | 61636126 | rs11230815 | C | G | 0.8694 | 0.0407 | 0.0064 | 4.24E-09 | ++++ |
| 11 | 61641542 | rs174450 | T | G | 0.529 | 0.0312 | 0.0037 | 4.06E-16 | ++++ |
| 11 | 116525867 | rs481843 | T | C | 0.1042 | 0.0445 | 0.0065 | 1E-10 | ++++ |
| 11 | 116590787 | rs6589563 | A | G | 0.08179 | 0.0562 | 0.0067 | 5.34E-17 | ++++ |
| 11 | 116670182 | rs11600380 | T | C | 0.92348 | 0.0558 | 0.0081 | 1.25E-11 | ++++ |
| 11 | 116670676 | rs6589567 | A | C | 0.1372 | 0.0493 | 0.0064 | 3.12E-14 | ++++ |
| 11 | 117075566 | rs508487 | T | C | 0.08179 | 0.0561 | 0.0085 | 1.77E-10 | +--- |
| 11 | 118540104 | rs506234 | C | G | 0.5641 | -0.0173 | 0.0027 | 8.28E-11 | ++++ |
| 11 | 122504717 | rs11218721 | A | C | 0.3808 | 0.0175 | 0.0028 | 5.76E-10 | ++++ |
| 11 | 126152647 | rs10893493 | G | A | 0.1187 | 0.0345 | 0.0057 | 3.17E-09 | ++++ |
| 11 | 126217870 | rs582037 | T | C | 0.3377 | 0.025 | 0.0042 | 1.5E-09 | ++++ |
| 11 | 126228659 | rs4937122 | G | T | 0.08839 | 0.0688 | 0.0074 | 1.81E-20 | ++++ |
| 11 | 126241979 | rs10893499 | A | G | 0.1438 | 0.0521 | 0.0053 | 3.86E-21 | ++++ |
| 12 | 51055708 | rs1521516 | T | C | 0.0584 | -0.0164 | 0.0024 | 3.22E-12 | ++++ |
| 12 | 112007756 | rs653178 | T | C | 0.5505 | 0.0258 | 0.0028 | 3.71E-20 | ++++ |
| 12 | 112718510 | rs10850024 | A | C | 0.2599 | 0.025 | 0.0041 | 3.2E-10 | ++++ |
| 12 | 121416650 | rs1169288 | A | C | 0.6937 | -0.0327 | 0.003 | 1.08E-27 | ++++ |
| 12 | 121436376 | rs1169303 | C | A | 0.5013 | 0.0202 | 0.0036 | 2.47E-08 | ++++ |
| 12 | 121487632 | rs2708101 | T | C | 0.5092 | 0.0205 | 0.0037 | 4.45E-09 | ++++ |
| 13 | 32896846 | rs206070 | A | G | 0.1781 | 0.0263 | 0.0048 | 4.63E-08 | +--- |
| 13 | 32953388 | rs4942486 | T | C | 0.4617 | 0.0243 | 0.0037 | 2.26E-11 | ++++ |
| 13 | 33040430 | rs703212 | A | G | 0.1797 | -0.0282 | 0.0037 | 2.43E-14 | ++++ |
| 13 | 114547372 | rs6602911 | T | C | 0.4294 | 0.0154 | 0.0028 | 2.65E-08 | ++++ |
| 14 | 24883887 | rs8017377 | A | G | 0.4591 | 0.0303 | 0.0038 | 2.52E-15 | ++++ |
| 14 | 70847124 | rs8022288 | T | C | 0.8636 | 0.0259 | 0.0039 | 2.97E-11 | ++++ |
| 15 | 58214210 | rs2218260 | T | C | 0.5904 | -0.0187 | 0.0032 | 3.66E-09 | ++++ |
| 15 | 75289722 | rs3812945 | T | C | 0.0965 | -0.0138 | 0.0023 | 8.08E-10 | ++++ |
| 16 | 11631568 | rs34318965 | T | C | 0.7126 | 0.0169 | 0.0029 | 8.13E-09 | ++++ |
| 16 | 56985555 | rs12448528 | A | G | 0.2269 | 0.037 | 0.0052 | 1.06E-12 | ++++ |
| 16 | 56989590 | rs247616 | C | T | 0.7071 | 0.0547 | 0.0041 | 2.57E-37 | ++++ |
| 16 | 56993025 | rs12920974 | T | G | 0.3153 | 0.0324 | 0.0056 | 2.96E-08 | ++++ |
| 16 | 56997233 | rs1864163 | A | G | 0.2678 | 0.0437 | 0.0045 | 7.97E-21 | ++++ |
| 16 | 68054788 | rs112595563 | A | G | 0.7352 | 0.0197 | 0.0033 | 3.63E-09 | ++++ |
| 16 | 71583859 | rs2434885 | C | T | 0.801 | 0.044 | NA | 1.8E-13 | ++++ |
| 16 | 71869520 | rs8044335 | C | A | 0.4446 | 0.0306 | 0.0037 | 5.59E-15 | ++++ |
| 16 | 71983664 | rs1549292 | G | T | 0.1425 | 0.0385 | 0.0054 | 6.42E-11 | ++++ |
| 16 | 72007232 | rs7197967 | G | A | 0.8628 | 0.0366 | 0.0055 | 4.58E-10 | ++++ |
| 16 | 72009676 | rs12931964 | G | T | 0.1649 | 0.0331 | 0.0051 | 1.18E-09 | +--- |
| 16 | 72042682 | rs3213422 | A | C | 0.5026 | 0.0268 | 0.0038 | 4.46E-11 | ++++ |
| 16 | 72108093 | rs2000999 | A | G | 0.1847 | 0.065 | 0.0046 | 4.22E-41 | ++++ |
| 16 | 72114002 | rs217181 | C | T | 0.7876 | 0.0546 | 0.0049 | 1.13E-25 | ++++ |
| 16 | 72144174 | rs9302635 | T | C | 0.8232 | 0.0398 | 0.0049 | 2.03E-15 | ++++ |
| 16 | 72225187 | rs16970670 | T | A | 0.05409 | 0.0586 | 0.0095 | 1.73E-08 | +--- |
| 16 | 72243624 | rs8060878 | G | A | 0.4367 | 0.0276 | 0.0037 | 8.6E-12 | ++++ |
| 16 | 72312727 | rs12921986 | G | A | 0.06332 | 0.0461 | 0.0072 | 1.62E-09 | ++++ |
| 16 | 72800567 | rs8044476 | G | A | 0.1293 | 0.0309 | 0.0053 | 3.53E-08 | ++++ |
| 16 | 83979317 | rs67890964 | T | C | 0.635 | 0.028 | NA | 0.000000015 | ++++ |
| 16 | 88551153 | rs12597024 | T | C | 0.638 | 0.0156 | 0.0028 | 2.42E-08 | ++++ |
| 17 | 7080069 | rs12945299 | A | G | 0.817 | 0.04 | NA | 1E-10 | ++++ |
| 17 | 7088923 | rs11650232 | G | A | 0.4604 | 0.0221 | 0.0039 | 3.19E-08 | ++++ |
| 17 | 8216468 | rs871841 | T | C | 0.4615 | -0.0148 | 0.0026 | 2.23E-08 | ++++ |
| 17 | 18125877 | rs62072497 | A | G | 0.1881 | 0.0202 | 0.0034 | 3.27E-09 | ++++ |
| 17 | 26694861 | rs704 | A | G | 0.5011 | 0.0192 | 0.0026 | 1.48E-13 | ++++ |
| 17 | 45391804 | rs7225700 | C | T | 0.6728 | 0.0297 | 0.0038 | 3.56E-13 | ++++ |
| 17 | 45425115 | rs7206971 | G | A | 0.515 | -0.047 | NA | 4.4E-23 | ++++ |
| 17 | 67150176 | rs2886232 | T | C | 0.1201 | 0.0451 | 0.0064 | 3.88E-11 | ++++ |
| 17 | 73790093 | rs1047743 | C | G | 0.6027 | 0.0162 | 0.0029 | 1.72E-08 | ++++ |
| 17 | 76392144 | rs17561950 | A | G | 0.4592 | 0.0181 | 0.0027 | 2.04E-11 | ++++ |
| 19 | 10680241 | rs17677316 | A | G | 0.2507 | 0.0246 | 0.0042 | 2.08E-09 | ++++ |
| 19 | 10686123 | rs10403668 | G | A | 0.8377 | 0.0439 | 0.0052 | 3.1E-15 | ++++ |
| 19 | 10728030 | rs8106664 | T | G | 0.7704 | 0.053 | 0.0046 | 1.5E-27 | ++++ |
| 19 | 10802792 | rs13465 | G | A | 0.9314 | 0.103 | 0.0085 | 3.97E-30 | ++++ |
| 19 | 10830281 | rs12974306 | T | G | 0.4235 | 0.0221 | 0.0037 | 3.38E-08 | ++++ |
| 19 | 10904689 | rs1610095 | G | C | 0.558 | 0.056 | NA | 1.8E-25 | ++++ |
| 19 | 10950125 | rs11881156 | C | T | 0.8377 | 0.0811 | 0.0049 | 1.7E-55 | ++++ |
| 19 | 11023434 | rs1529711 | T | C | 0.1609 | 0.0323 | 0.0051 | 2.52E-10 | ++++ |
| 19 | 11114352 | rs12983316 | G | A | 0.1689 | 0.0514 | 0.0052 | 7.44E-22 | +--- |
| 19 | 11146499 | rs3786721 | T | C | 0.4617 | 0.0468 | 0.0038 | 2.89E-31 | ++++ |
| 19 | 11161537 | rs3786722 | C | A | 0.7573 | 0.0754 | 0.0043 | 5.52E-63 | ++++ |
| 19 | 11187324 | rs143020224 | C | G | 0.8693 | 0.1619 | 0.0039 | 1E-300 | ++++ |
| 19 | 11190764 | rs36005514 | A | G | 0.0752 | 0.0626 | 0.0096 | 7.06E-10 | +--- |
| 19 | 11206530 | rs8110695 | T | A | 0.8206 | 0.1084 | 0.005 | 6.49E-99 | -+++ |
| 19 | 11227602 | rs688 | T | C | 0.4472 | 0.054 | 0.0037 | 1.01E-43 | ++++ |
| 19 | 11233941 | rs5927 | G | A | 0.7296 | 0.0345 | 0.0045 | 2.77E-13 | ++++ |
| 19 | 11242307 | rs2738464 | C | G | 0.8747 | 0.0422 | 0.0061 | 2.73E-10 | ++++ |
| 19 | 11243445 | rs5742911 | A | G | 0.7322 | 0.0606 | 0.0057 | 4.83E-24 | ++++ |
| 19 | 11266584 | rs892114 | A | G | 0.2269 | 0.0353 | 0.0047 | 7.63E-13 | ++++ |
| 19 | 11275139 | rs7188 | C | A | 0.3259 | 0.0521 | 0.0043 | 9.39E-31 | ++++ |
| 19 | 11284302 | rs379309 | C | T | 0.5026 | 0.0313 | 0.0039 | 1.39E-13 | ++++ |
| 19 | 11392431 | rs376642 | C | T | 0.715 | 0.0233 | 0.004 | 4.67E-10 | ++++ |
| 19 | 19103986 | rs3810444 | T | A | 0.94459 | 0.0624 | 0.0084 | 2.6E-12 | +--- |
| 19 | 19407718 | rs10401969 | T | C | 0.92876 | 0.1184 | 0.0072 | 2.65E-54 | ++++ |
| 19 | 19525792 | rs2965185 | T | C | 0.7256 | 0.0372 | 0.004 | 5.8E-18 | ++++ |
| 19 | 19841752 | rs12608822 | C | T | 0.94855 | 0.0747 | 0.0094 | 1.3E-14 | +--- |
| 19 | 44675801 | rs17657025 | T | C | 0.93404 | 0.035 | 0.0066 | 0.000000044 | +--- |
| 19 | 44880360 | rs1594895 | T | C | 0.8179 | 0.0333 | 0.0046 | 4.42E-12 | ++++ |
| 19 | 44952066 | rs926054 | T | G | 0.91425 | 0.0485 | 0.0059 | 3.36E-15 | ++++ |
| 19 | 44955113 | rs204541 | C | A | 0.7084 | 0.0259 | 0.004 | 1.59E-10 | -+++ |
| 19 | 45013959 | rs17800760 | G | A | 0.8681 | 0.0513 | 0.0053 | 8.87E-22 | ++++ |
| 19 | 45140165 | rs10460181 | A | G | 0.8127 | 0.0536 | 0.0046 | 2.25E-28 | ++++ |
| 19 | 45164732 | rs2272021 | T | G | 0.93799 | 0.0937 | 0.0118 | 1.47E-16 | ++++ |
| 19 | 45165912 | rs714948 | A | C | 0.1266 | 0.0479 | 0.0063 | 2.54E-14 | +--- |
| 19 | 45202027 | rs12150984 | A | G | 0.2718 | 0.0308 | 0.0047 | 1.28E-12 | ++++ |
| 19 | 45237812 | rs2965101 | T | C | 0.653 | 0.0668 | 0.004 | 1.07E-60 | ++++ |
| 19 | 45245015 | rs2965174 | G | A | 0.5686 | 0.0253 | 0.004 | 5.21E-11 | ++++ |
| 19 | 45254168 | rs8103315 | A | C | 0.1359 | 0.0558 | 0.0057 | 1.62E-22 | +++- |
| 19 | 45298069 | rs10419669 | A | G | 0.06596 | 0.0471 | 0.0078 | 2.36E-09 | ++++ |
| 19 | 45313715 | rs2927477 | T | C | 0.8826 | 0.1285 | 0.0139 | 2.58E-23 | ++++ |
| 19 | 45328476 | rs11668536 | C | T | 0.7731 | 0.0513 | 0.0045 | 4.3E-26 | ++++ |
| 19 | 45329214 | rs10402271 | G | T | 0.3404 | 0.0927 | 0.0038 | 2.6E-118 | ++++ |
| 19 | 45333834 | rs4803760 | C | T | 0.8047 | 0.1189 | 0.0049 | 2.47E-123 | ++++ |
| 19 | 45344458 | rs2972564 | G | A | 0.1741 | 0.066 | 0.0068 | 2.77E-22 | ++++ |
| 19 | 45372354 | rs8104483 | G | T | 0.2942 | 0.0517 | 0.0042 | 7.75E-33 | ++++ |
| 19 | 45373565 | rs395908 | G | A | 0.846 | 0.136 | NA | 2.7E-97 | ++++ |
| 19 | 45382034 | rs6859 | A | G | 0.442 | 0.0835 | 0.0039 | 4.65E-88 | ++++ |
| 19 | 45395266 | rs157580 | A | G | 0.6201 | 0.1078 | 0.0045 | 9.24E-119 | ++++ |
| 19 | 45395619 | rs2075650 | G | A | 0.1266 | 0.1767 | 0.0055 | 1.72E-214 | ++++ |
| 19 | 45416741 | rs438811 | C | T | 0.762 | 0.082 | NA | 5.9E-45 | ++++ |
| 19 | 45427353 | rs4803770 | G | C | 0.3734 | 0.0545 | 0.0044 | 3.9E-34 | ++++ |
| 19 | 45432557 | rs7259004 | G | C | 0.90106 | 0.2094 | 0.0092 | 1.37E-110 | ++++ |
| 19 | 45439163 | rs35136575 | C | G | 0.7718 | 0.0409 | 0.0058 | 2.56E-11 | ++++ |
| 19 | 45447178 | rs5158 | C | T | 0.8694 | 0.0658 | 0.01 | 2.74E-10 | ++++ |
| 19 | 45650386 | rs1048699 | T | C | 0.1029 | 0.0324 | 0.0058 | 1.81E-08 | ++++ |
| 19 | 45653227 | rs8108762 | G | A | 0.6847 | 0.0394 | 0.0041 | 1.45E-20 | ++++ |
| 19 | 46202172 | rs2287019 | C | T | 0.81 | 0.0283 | 0.0048 | 8.36E-09 | ++++ |
| 19 | 46207810 | rs732841 | A | C | 0.94987 | 0.0573 | 0.0089 | 1.96E-10 | ++++ |
| 19 | 49206108 | rs679574 | C | G | 0.5201 | -0.0247 | 0.0026 | 2.47E-21 | ++++ |
| 19 | 58651296 | rs34503352 | G | A | 0.836 | 0.039 | NA | 7.4E-10 | ++++ |
| 20 | 12962718 | rs364585 | G | A | 0.6332 | 0.0249 | 0.0038 | 4.28E-10 | ++++ |
| 20 | 17844684 | rs2618566 | T | G | 0.6491 | -0.03 | 0.0031 | 9.37E-22 | ++++ |
| 20 | 17847735 | rs2745865 | T | C | 0.1504 | 0.0399 | 0.0069 | 3.19E-08 | ++++ |
| 20 | 34166100 | rs6088882 | C | G | 0.2007 | -0.025 | 0.0033 | 8.4E-14 | ++++ |
| 20 | 39091487 | rs2902940 | A | G | 0.7586 | 0.0274 | 0.0041 | 1.74E-11 | ++++ |
| 20 | 39180436 | rs6016381 | T | C | 0.6398 | 0.0363 | 0.0038 | 6.85E-20 | ++++ |
| 20 | 39237558 | rs2865507 | A | G | 0.4248 | 0.0211 | 0.004 | 0.000000032 | ++++ |
| 20 | 39275603 | rs6129653 | T | C | 0.3351 | 0.0296 | 0.0042 | 2.55E-11 | -+++ |
| 20 | 39291784 | rs16989232 | G | A | 0.6438 | 0.0247 | 0.0039 | 1.35E-09 | ++++ |
| 20 | 39724338 | rs6065311 | C | T | 0.4604 | 0.0417 | 0.0036 | 1.66E-30 | ++++ |
| 20 | 39870578 | rs6129778 | A | C | 0.1781 | 0.0375 | 0.0045 | 3.15E-17 | -+++ |
| 20 | 39996771 | rs6124342 | A | T | 0.09499 | 0.0318 | 0.0054 | 6.23E-09 | ++++ |
| 20 | 40078085 | rs4142393 | T | C | 0.4512 | 0.0214 | 0.0036 | 1.35E-09 | ++++ |
| 22 | 37462936 | rs855791 | A | G | 0.0902 | 0.0123 | 0.0019 | 1.19E-10 | ++++ |
| 22 | 46629479 | rs4253776 | G | A | 0.124 | 0.0311 | 0.0059 | 3.35E-08 | ++++ |
| 23 | 109716407 | rs5942937 | T | G | 0.597 | 0.039 | NA | 7.6E-21 | ---- |
| \* Indicates whether the SNP was present in each genetic study included in this analysis. (+) and (-) indicate the SNP is present or absent, respectively. The order of the studies is UK Biobank, GOCHA, ISGC ICH and GERFHS. | | | | | | | | | |

**Supplementary Table 3: SNPs used in the polygenic risk score of HDL cholesterol.**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chr** | **Pos** | **rsid** | **EA** | **NEA** | **EAF** | **Beta** | **se** | **P** | **SNP Present  in Study\*** |
| 1 | 26900708 | rs2229714 | G | A | 0.8641 | 0.0294 | 0.0048 | 6.09E-09 | ++++ |
| 1 | 27236212 | rs17162330 | T | C | 0.8668 | 0.038 | 0.0049 | 1.44E-13 | ++++ |
| 1 | 40035928 | rs3768321 | T | G | 0.1737 | -0.0505 | 0.004 | 1.42E-36 | +--- |
| 1 | 93862020 | rs10874777 | T | C | 0.4369 | 0.0244 | 0.0028 | 7.03E-18 | ++++ |
| 1 | 107549245 | rs2878349 | A | G | 0.3106 | -0.0135 | 0.0024 | 1.36E-08 | ++++ |
| 1 | 109822166 | rs599839 | G | A | 0.228 | 0.036 | NA | 1.2E-15 | ++++ |
| 1 | 110470764 | rs333947 | G | A | 0.8536 | 0.0296 | 0.0047 | 3.17E-09 | ++++ |
| 1 | 110499669 | rs390923 | A | G | 0.5831 | 0.0203 | 0.0035 | 1.05E-08 | ++++ |
| 1 | 149909495 | rs10494363 | A | G | 0.0686 | 0.0297 | 0.0048 | 4.4E-10 | +++- |
| 1 | 150940625 | rs267738 | T | G | 0.8083 | -0.0248 | 0.0036 | 6.22E-12 | +++- |
| 1 | 156700651 | rs12145743 | G | T | 0.3311 | 0.0203 | 0.0036 | 0.000000018 | ++++ |
| 1 | 178533832 | rs4077194 | T | G | 0.4801 | -0.0186 | 0.0027 | 8.85E-12 | ++++ |
| 1 | 182150978 | rs1689797 | C | A | 0.6979 | 0.0358 | 0.0036 | 2.85E-21 | ++++ |
| 1 | 184049978 | rs10911505 | T | C | 0.673 | 0.0134 | 0.0023 | 1.12E-08 | ++++ |
| 1 | 205719532 | rs823114 | A | G | 0.4983 | 0.0151 | 0.0022 | 5.06E-12 | ++++ |
| 1 | 214992980 | rs4655268 | C | G | 0.4562 | 0.0166 | 0.0028 | 1.95E-09 | ++++ |
| 1 | 219664030 | rs2066152 | A | G | 0.4025 | 0.0205 | 0.0028 | 9.04E-14 | ++++ |
| 1 | 220970028 | rs2642438 | G | A | 0.7454 | 0.0303 | 0.0039 | 7.78E-14 | ++++ |
| 1 | 230287128 | rs1998064 | G | T | 0.2467 | 0.0322 | 0.0039 | 3.41E-13 | ++++ |
| 1 | 230295691 | rs4846914 | A | G | 0.5456 | 0.0409 | 0.0028 | 4.2E-48 | ++++ |
| 1 | 230324119 | rs627702 | G | A | 0.8245 | 0.0501 | 0.0047 | 5.05E-24 | ++++ |
| 1 | 230398102 | rs632557 | G | A | 0.94459 | 0.0512 | 0.0083 | 1.78E-08 | ++++ |
| 2 | 239597 | rs6710091 | C | G | 0.686 | -0.0165 | 0.003 | 4.63E-08 | ++++ |
| 2 | 3634753 | rs4850047 | T | C | 0.1359 | 0.0193 | 0.0031 | 5.11E-10 | ++++ |
| 2 | 21112689 | rs12710745 | A | G | 0.6042 | 0.0217 | 0.0035 | 2.91E-08 | ++++ |
| 2 | 21125742 | rs4468779 | T | C | 0.7427 | 0.0239 | 0.004 | 3.9E-09 | ++++ |
| 2 | 21141815 | rs4533439 | T | C | 0.5765 | 0.0261 | 0.0034 | 2.6E-13 | ++++ |
| 2 | 21213062 | rs6722374 | G | T | 0.5712 | 0.03 | 0.0034 | 1.29E-16 | -+++ |
| 2 | 21221399 | rs952275 | T | G | 0.5712 | 0.0321 | 0.0034 | 7.49E-21 | ++++ |
| 2 | 21231524 | rs676210 | A | G | 0.2052 | 0.0546 | 0.0033 | 4.81E-63 | ++++ |
| 2 | 58950363 | rs17615494 | T | G | 0.2881 | -0.0167 | 0.0026 | 1.47E-10 | ++++ |
| 2 | 65282708 | rs6728523 | C | G | 0.2803 | 0.0239 | 0.003 | 2.37E-15 | ++++ |
| 2 | 66665146 | rs2280334 | T | C | 0.3791 | -0.0115 | 0.0019 | 1.62E-09 | ++++ |
| 2 | 85560562 | rs10198423 | G | C | 0.356 | -0.024 | NA | 4.2E-09 | ---- |
| 2 | 111664756 | rs6720034 | A | G | 0.6594 | 0.0146 | 0.0024 | 1.94E-09 | ++++ |
| 2 | 146371961 | rs13396091 | A | G | 0.4308 | -0.0129 | 0.0021 | 9.55E-10 | ++++ |
| 2 | 165508389 | rs10184004 | C | T | 0.594 | -0.03 | NA | 1.7E-15 | ++++ |
| 2 | 165540800 | rs12328675 | T | C | 0.872 | -0.046 | NA | 1.6E-16 | ++++ |
| 2 | 165644545 | rs355909 | C | T | 0.4736 | 0.0198 | 0.0034 | 2.27E-08 | ++++ |
| 2 | 203477868 | rs72926946 | A | C | 0.2784 | -0.0228 | 0.003 | 6.1E-14 | ++++ |
| 2 | 211540507 | rs1047891 | C | A | 0.6979 | 0.0269 | 0.0039 | 8.73E-10 | ++++ |
| 2 | 219699999 | rs78058190 | G | A | 0.948 | 0.06 | NA | 1.9E-12 | +--- |
| 2 | 227094758 | rs2203452 | A | G | 0.3482 | 0.0417 | 0.0028 | 8.82E-52 | ++++ |
| 2 | 227113202 | rs2396303 | C | T | 0.777 | 0.0241 | 0.0043 | 4.33E-08 | ++++ |
| 3 | 11400249 | rs2606736 | C | T | 0.3945 | 0.0246 | 0.0043 | 0.000000048 | ++++ |
| 3 | 12379351 | rs35240997 | A | G | 0.7924 | -0.0256 | 0.0035 | 1.25E-13 | ++++ |
| 3 | 24293001 | rs2044753 | T | C | 0.8682 | 0.0208 | 0.0036 | 9.3E-09 | ++++ |
| 3 | 36979042 | rs6777217 | A | G | 0.4746 | -0.0129 | 0.0019 | 3.31E-12 | ++++ |
| 3 | 47097985 | rs62246406 | A | G | 0.1629 | -0.0237 | 0.0038 | 4.53E-10 | ++++ |
| 3 | 48767877 | rs6808104 | A | G | 0.534 | 0.0158 | 0.0027 | 7.3E-09 | +--- |
| 3 | 50024038 | rs111439884 | A | C | 0.5043 | 0.0221 | 0.0027 | 2.77E-16 | ++++ |
| 3 | 52372366 | rs11706108 | T | C | 0.7059 | -0.026 | 0.0034 | 2.11E-14 | ++++ |
| 3 | 52529899 | rs9863753 | A | T | 0.06 | 0.064 | NA | 5.7E-14 | ++++ |
| 3 | 119560606 | rs6805251 | T | C | 0.3813 | 0.02 | 0.0035 | 1.33E-08 | ++++ |
| 3 | 131751775 | rs13076253 | A | C | 0.8522 | 0.0283 | 0.0048 | 4.96E-09 | ++++ |
| 3 | 135932359 | rs687339 | C | T | 0.2335 | 0.0316 | 0.0042 | 7.11E-13 | ++++ |
| 3 | 152171870 | rs3773910 | C | G | 0.7604 | -0.0161 | 0.0025 | 1.2E-10 | ++++ |
| 3 | 156795414 | rs9817452 | T | G | 0.3746 | 0.0283 | 0.0029 | 6.78E-22 | ++++ |
| 3 | 185803532 | rs112545201 | C | T | 0.867 | 0.043 | NA | 9.6E-15 | ++++ |
| 3 | 185931174 | rs2268840 | T | C | 0.7876 | -0.0215 | 0.0034 | 1.66E-10 | ++++ |
| 4 | 858332 | rs11248051 | T | C | 0.0929 | -0.0183 | 0.0032 | 1.76E-08 | ++++ |
| 4 | 26062990 | rs10019888 | A | G | 0.8364 | 0.027 | 0.0046 | 0.000000049 | ++++ |
| 4 | 69349018 | rs1117816 | A | C | 0.78 | -0.0212 | 0.0033 | 2.07E-10 | ++++ |
| 4 | 88018991 | rs2035403 | A | G | 0.601 | 0.024 | NA | 2E-10 | ++++ |
| 4 | 89740128 | rs13133548 | A | G | 0.4745 | -0.0216 | 0.0026 | 1.6E-16 | ++++ |
| 4 | 100014805 | rs2602836 | A | G | 0.4274 | 0.0192 | 0.0034 | 4.96E-08 | ++++ |
| 4 | 100517324 | rs12509976 | T | C | 0.0995 | 0.0394 | 0.0055 | 8.49E-13 | ++++ |
| 4 | 103188709 | rs13107325 | T | C | 0.0765 | -0.0798 | 0.0053 | 1.54E-50 | +++- |
| 4 | 154224048 | rs17369400 | A | G | 0.9053 | 0.0208 | 0.0036 | 7.16E-09 | +--- |
| 4 | 157720124 | rs4691380 | T | C | 0.4071 | 0.0159 | 0.0028 | 1.15E-08 | ++++ |
| 5 | 53274467 | rs28499105 | A | G | 0.708 | -0.0171 | 0.0029 | 4.53E-09 | ++++ |
| 5 | 53298025 | rs6450176 | G | A | 0.7216 | 0.0254 | 0.0039 | 6.88E-10 | ++++ |
| 5 | 55806751 | rs459193 | A | G | 0.2967 | 0.029 | 0.0029 | 2.01E-23 | ++++ |
| 5 | 55861601 | rs9687833 | G | A | 0.796 | 0.029 | NA | 4.3E-10 | ++++ |
| 5 | 72926514 | rs6881956 | A | G | 0.2605 | -0.0163 | 0.0028 | 3.23E-09 | ++++ |
| 5 | 75003678 | rs2307111 | T | C | 0.5474 | -0.023 | 0.0028 | 3E-16 | ++++ |
| 5 | 118729286 | rs1045241 | T | C | 0.2937 | 0.0136 | 0.0024 | 9.47E-09 | ++++ |
| 5 | 158022041 | rs2434612 | A | G | 0.7005 | 0.0216 | 0.0025 | 1.55E-18 | ++++ |
| 5 | 170459675 | rs7730898 | A | G | 0.7431 | -0.0184 | 0.0024 | 1.63E-14 | ++++ |
| 6 | 34546560 | rs2814982 | C | T | 0.8931 | 0.0371 | 0.0055 | 1.22E-11 | ++++ |
| 6 | 34668635 | rs9368830 | T | C | 0.574 | 0.0277 | 0.0029 | 4.07E-21 | ++++ |
| 6 | 35057331 | rs3822921 | G | A | 0.8588 | 0.0309 | 0.0053 | 2.35E-09 | +--- |
| 6 | 41934514 | rs4130023 | T | C | 0.2084 | -0.0149 | 0.0026 | 1.69E-08 | ++++ |
| 6 | 42928461 | rs10948059 | C | T | 0.523 | -0.023 | NA | 1.2E-09 | ++++ |
| 6 | 43757896 | rs998584 | A | C | 0.4455 | -0.0368 | 0.0028 | 5.16E-40 | ++++ |
| 6 | 52736056 | rs12529923 | C | T | 0.611 | 0.021 | NA | 0.000000027 | ++++ |
| 6 | 127437100 | rs9491694 | T | A | 0.7533 | 0.0212 | 0.0038 | 5.44E-10 | ++++ |
| 6 | 127476717 | rs2489629 | T | C | 0.5744 | -0.0175 | 0.0027 | 6.23E-11 | ++++ |
| 6 | 127524398 | rs72961007 | C | A | 0.939 | 0.051 | NA | 6.9E-11 | +--- |
| 6 | 137076010 | rs6925103 | T | C | 0.5094 | -0.0121 | 0.0019 | 4.34E-10 | ++++ |
| 6 | 139835418 | rs199607859 | T | G | 0.548 | 0.0203 | 0.0027 | 7.04E-14 | ++++ |
| 6 | 160929904 | rs9457931 | A | G | 0.9314 | 0.0552 | 0.0073 | 7.3E-13 | +--- |
| 6 | 161092438 | rs11751347 | T | C | 0.0857 | -0.0636 | 0.0054 | 2.36E-32 | +--- |
| 7 | 6461310 | rs79949326 | T | C | 0.2327 | 0.024 | 0.0033 | 3.19E-13 | ++++ |
| 7 | 6474073 | rs836534 | T | C | 0.438 | 0.0214 | 0.0034 | 8.25E-10 | ++++ |
| 7 | 12269417 | rs3173615 | C | G | 0.5291 | 0.0117 | 0.0019 | 1.81E-09 | ++++ |
| 7 | 17911752 | rs1917368 | T | G | 0.465 | -0.028 | 0.0027 | 1.72E-24 | ++++ |
| 7 | 26370190 | rs4722593 | A | G | 0.3238 | 0.0209 | 0.0032 | 3.88E-11 | ++++ |
| 7 | 50305863 | rs4917014 | G | T | 0.3404 | 0.0222 | 0.0036 | 1.03E-08 | ++++ |
| 7 | 73037366 | rs55747707 | A | G | 0.1796 | 0.0314 | 0.0035 | 5.85E-19 | ++++ |
| 7 | 130432481 | rs6971365 | T | C | 0.7147 | 0.0262 | 0.003 | 2.29E-18 | ++++ |
| 7 | 150307167 | rs13225097 | A | G | 0.7678 | 0.0227 | 0.0039 | 4.33E-08 | ++++ |
| 7 | 150529449 | rs17173637 | T | C | 0.9156 | 0.0294 | 0.0048 | 8.65E-10 | ++++ |
| 8 | 6599005 | rs2936512 | T | C | 0.3019 | -0.0144 | 0.0023 | 9.05E-10 | ++++ |
| 8 | 9171735 | rs713286 | T | C | 0.92216 | 0.0496 | 0.0066 | 8.01E-14 | ++++ |
| 8 | 9178921 | rs12543276 | A | G | 0.7836 | 0.038 | 0.0042 | 6.56E-20 | ++++ |
| 8 | 9183596 | rs4841132 | A | G | 0.1054 | -0.0954 | 0.0044 | 1.2E-105 | ++++ |
| 8 | 9203101 | rs930991 | C | A | 0.2612 | 0.0253 | 0.0039 | 3.75E-10 | ++++ |
| 8 | 9206069 | rs10102352 | G | A | 0.6161 | 0.0411 | 0.0049 | 1.52E-14 | ++++ |
| 8 | 10641965 | rs7014168 | G | A | 0.7586 | 0.0267 | 0.0041 | 9.2E-10 | ++++ |
| 8 | 19576448 | rs10085966 | T | C | 0.4591 | 0.0232 | 0.0039 | 9.8E-09 | ++++ |
| 8 | 19650333 | rs11204072 | C | T | 0.153 | 0.0341 | 0.0044 | 1.28E-13 | ++++ |
| 8 | 19709575 | rs4599828 | T | C | 0.467 | 0.0232 | 0.0035 | 4.73E-11 | ++++ |
| 8 | 19715236 | rs6586872 | A | G | 0.2559 | 0.0387 | 0.0039 | 4.76E-21 | ++++ |
| 8 | 19727047 | rs1441778 | C | T | 0.1451 | 0.0497 | 0.008 | 1.31E-09 | ++++ |
| 8 | 19738260 | rs6586876 | A | G | 0.6135 | 0.0245 | 0.0035 | 1E-12 | ++++ |
| 8 | 19748603 | rs7844579 | T | C | 0.4736 | 0.022 | 0.0034 | 1.03E-08 | ++++ |
| 8 | 19749390 | rs3898938 | T | C | 0.4393 | 0.0254 | 0.0034 | 7.81E-13 | ++++ |
| 8 | 19755977 | rs12543154 | T | G | 0.1702 | 0.0677 | 0.0045 | 2.74E-47 | ++++ |
| 8 | 19799641 | rs1534649 | T | G | 0.4485 | 0.0245 | 0.0035 | 2.11E-12 | ++++ |
| 8 | 19815098 | rs283 | C | T | 0.7652 | 0.0351 | 0.0046 | 4.61E-14 | ++++ |
| 8 | 19817997 | rs312 | C | G | 0.1201 | 0.0471 | 0.0052 | 8.32E-19 | ++++ |
| 8 | 19824492 | rs13702 | C | T | 0.3127 | 0.1058 | 0.0038 | 1.28E-160 | ++++ |
| 8 | 19850099 | rs79407615 | T | G | 0.9025 | -0.1799 | 0.0049 | 3E-293 | ++++ |
| 8 | 19859120 | rs4490856 | C | T | 0.5792 | 0.0604 | 0.0034 | 5.97E-64 | ++++ |
| 8 | 19870693 | rs7005359 | G | A | 0.2058 | 0.0715 | 0.0052 | 1.22E-40 | ++++ |
| 8 | 19874153 | rs4922119 | T | C | 0.4499 | 0.0703 | 0.0035 | 7.45E-84 | ++++ |
| 8 | 19878154 | rs1534650 | C | T | 0.7243 | 0.0455 | 0.0038 | 8.13E-31 | ++++ |
| 8 | 19890654 | rs4557718 | T | C | 0.8734 | 0.0522 | 0.0061 | 5.74E-18 | +--- |
| 8 | 19936687 | rs28597716 | G | A | 0.2137 | 0.0688 | 0.006 | 4.5E-26 | ++++ |
| 8 | 19942181 | rs13263508 | T | G | 0.5699 | 0.0519 | 0.0035 | 9.53E-46 | ++++ |
| 8 | 19949300 | rs7003526 | T | C | 0.4156 | 0.0226 | 0.0037 | 6.66E-10 | ++++ |
| 8 | 19968929 | rs16842 | T | C | 0.7467 | 0.03 | 0.0038 | 3.82E-14 | ++++ |
| 8 | 71260460 | rs10504474 | A | G | 0.1043 | -0.028 | 0.0037 | 2.14E-14 | ++++ |
| 8 | 116603103 | rs2721954 | T | C | 0.609 | 0.0305 | 0.0029 | 1.43E-26 | ++++ |
| 8 | 121860589 | rs13248499 | G | A | 0.338 | 0.024 | NA | 3.7E-09 | ++++ |
| 8 | 126506694 | rs112875651 | G | A | 0.62 | -0.036 | NA | 7.5E-19 | ++++ |
| 8 | 126507389 | rs2954038 | A | C | 0.7182 | 0.041 | 0.003 | 1.14E-41 | ++++ |
| 8 | 126514676 | rs7012891 | T | C | 0.7704 | 0.0232 | 0.004 | 2.13E-08 | ++++ |
| 8 | 144303418 | rs10087900 | G | A | 0.5607 | 0.0231 | 0.0036 | 2.17E-09 | ++++ |
| 9 | 15288045 | rs10810369 | G | A | 0.8061 | 0.0411 | 0.0046 | 6.05E-18 | ++++ |
| 9 | 15304782 | rs686030 | A | C | 0.8696 | 0.0431 | 0.004 | 1.34E-27 | ++++ |
| 9 | 17295541 | rs10963012 | C | G | 0.6314 | -0.0362 | 0.0065 | 3.15E-08 | ++++ |
| 9 | 107562804 | rs2230808 | C | T | 0.7889 | 0.0385 | 0.004 | 1.59E-20 | ++++ |
| 9 | 107589744 | rs4149307 | T | C | 0.3233 | 0.0685 | 0.0033 | 2.95E-93 | ++++ |
| 9 | 107626389 | rs4149281 | T | C | 0.1201 | 0.0369 | 0.0052 | 4.55E-12 | ++++ |
| 9 | 107629104 | rs4743764 | T | C | 0.6082 | 0.0427 | 0.0057 | 1.6E-16 | ++++ |
| 9 | 107647019 | rs11789603 | C | T | 0.893 | -0.065 | NA | 7.3E-27 | ++++ |
| 9 | 107651212 | rs2275544 | T | C | 0.8654 | 0.0825 | 0.0049 | 1.17E-58 | ++++ |
| 9 | 107664301 | rs1883025 | C | T | 0.7573 | 0.0698 | 0.0041 | 1.5E-65 | ++++ |
| 9 | 107665751 | rs2482424 | T | C | 0.1372 | 0.0311 | 0.0054 | 9.93E-09 | +++- |
| 9 | 107668064 | rs3905001 | C | G | 0.2744 | 0.0336 | 0.0051 | 4.37E-12 | ++++ |
| 9 | 107668886 | rs2777794 | A | T | 0.4578 | 0.0273 | 0.0037 | 6.45E-13 | ++++ |
| 9 | 107684230 | rs2472509 | G | T | 0.3615 | 0.0227 | 0.0037 | 1.21E-09 | ++++ |
| 10 | 8576206 | rs4749779 | A | G | 0.7382 | -0.0158 | 0.0027 | 4.19E-09 | ++++ |
| 10 | 46013277 | rs970548 | C | A | 0.277 | 0.0258 | 0.0039 | 1.71E-10 | ++++ |
| 10 | 65230164 | rs10761771 | C | T | 0.467 | 0.0198 | 0.0034 | 4.12E-09 | ++++ |
| 10 | 94839642 | rs2068888 | G | A | 0.536 | -0.026 | NA | 4.6E-11 | ++++ |
| 10 | 101912194 | rs1408579 | T | C | 0.4351 | 0.0185 | 0.0028 | 6.89E-11 | ++++ |
| 10 | 113921825 | rs2792735 | A | G | 0.7206 | -0.0306 | 0.0033 | 5.79E-21 | ++++ |
| 10 | 114048792 | rs2148489 | T | C | 0.7757 | 0.0283 | 0.0041 | 1.41E-10 | ++++ |
| 10 | 115786233 | rs72823013 | A | G | 0.1124 | 0.0266 | 0.0045 | 3.74E-09 | +--- |
| 10 | 122859177 | rs7079858 | G | T | 0.911 | 0.037 | NA | 0.000000017 | ++++ |
| 11 | 2958538 | rs7935422 | T | C | 0.599 | 0.022 | NA | 0.000000019 | ++++ |
| 11 | 13355770 | rs6486121 | T | C | 0.6199 | -0.015 | 0.0023 | 9.83E-11 | ++++ |
| 11 | 27675712 | rs1519480 | T | C | 0.5935 | 0.014 | 0.0023 | 6.03E-10 | ++++ |
| 11 | 45740020 | rs74458891 | T | C | 0.07256 | 0.0526 | 0.0085 | 6.49E-09 | +--- |
| 11 | 46309968 | rs6485672 | G | A | 0.5026 | 0.0246 | 0.0035 | 3.42E-10 | ++++ |
| 11 | 46744368 | rs3136447 | C | T | 0.2269 | 0.0543 | 0.0068 | 5.08E-16 | ++++ |
| 11 | 47188592 | rs3740690 | T | C | 0.5739 | 0.0243 | 0.0034 | 5.67E-12 | ++++ |
| 11 | 47266471 | rs75393320 | C | G | 0.1212 | 0.0647 | 0.0046 | 7.92E-45 | +--- |
| 11 | 47318157 | rs749067 | T | C | 0.6082 | 0.0212 | 0.0035 | 7.39E-09 | ++++ |
| 11 | 47370607 | rs2697920 | T | C | 0.3602 | 0.0387 | 0.0037 | 1E-22 | ++++ |
| 11 | 47396654 | rs4752829 | A | G | 0.2929 | 0.0404 | 0.0038 | 6.76E-25 | ++++ |
| 11 | 47752775 | rs17788930 | A | G | 0.6425 | 0.0359 | 0.0036 | 1.53E-22 | ++++ |
| 11 | 47873883 | rs6485788 | G | A | 0.2098 | 0.0407 | 0.0042 | 1.19E-19 | ++++ |
| 11 | 48120936 | rs4752894 | G | A | 0.3984 | 0.0206 | 0.0035 | 1.89E-09 | ++++ |
| 11 | 48167738 | rs7947811 | C | T | 0.1689 | 0.0339 | 0.0044 | 2.34E-14 | ++++ |
| 11 | 49339071 | rs11040329 | C | T | 0.1425 | 0.038 | 0.0054 | 5.46E-12 | ++++ |
| 11 | 51514678 | rs139917442 | C | T | 0.896 | -0.052 | NA | 6.5E-17 | +--- |
| 11 | 55196302 | rs11229606 | G | T | 0.128 | 0.0335 | 0.0051 | 3.12E-10 | ++++ |
| 11 | 61548559 | rs509360 | A | G | 0.31 | 0.03 | 0.0054 | 1.84E-09 | ++++ |
| 11 | 61557803 | rs102275 | T | C | 0.628 | 0.0391 | 0.0035 | 6.4E-28 | ++++ |
| 11 | 61604782 | rs2524299 | A | T | 0.8456 | 0.0411 | 0.0048 | 3.89E-17 | ++++ |
| 11 | 61624414 | rs174602 | T | C | 0.7929 | 0.0367 | 0.0055 | 5.72E-11 | ++++ |
| 11 | 61647387 | rs174634 | C | G | 0.7309 | 0.024 | 0.004 | 1.08E-08 | ++++ |
| 11 | 65405600 | rs2306363 | T | G | 0.1834 | 0.0227 | 0.0036 | 4.56E-10 | ++++ |
| 11 | 75455021 | rs499974 | C | A | 0.8245 | 0.0263 | 0.0044 | 1.12E-08 | ++++ |
| 11 | 110012143 | rs689183 | T | G | 0.7461 | -0.0182 | 0.0031 | 3.96E-09 | ++++ |
| 11 | 116505440 | rs10892001 | G | A | 0.5712 | 0.0211 | 0.0036 | 1.37E-08 | ++++ |
| 11 | 116519739 | rs499790 | C | T | 0.8865 | 0.0576 | 0.0055 | 1.9E-21 | +--+ |
| 11 | 116526322 | rs486394 | A | C | 0.7058 | 0.0266 | 0.0038 | 2.1E-10 | ++++ |
| 11 | 116529442 | rs11820504 | T | C | 0.7968 | 0.035 | 0.0044 | 3.22E-16 | ++++ |
| 11 | 116532066 | rs1145187 | G | T | 0.215 | 0.0306 | 0.0041 | 9.94E-13 | ++++ |
| 11 | 116557248 | rs17092642 | T | C | 0.7836 | 0.0378 | 0.004 | 1.15E-20 | ++++ |
| 11 | 116590787 | rs6589563 | G | A | 0.91821 | 0.0795 | 0.0062 | 6.92E-37 | ++++ |
| 11 | 116598988 | rs180360 | G | A | 0.2599 | 0.0471 | 0.0039 | 5.74E-32 | ++++ |
| 11 | 116610294 | rs61905084 | C | T | 0.1649 | 0.0425 | 0.0061 | 1.14E-10 | ++++ |
| 11 | 116633947 | rs10488698 | A | G | 0.05409 | 0.061 | 0.0071 | 1.41E-15 | +++- |
| 11 | 116648917 | rs964184 | G | C | 0.14 | -0.095 | NA | 1.5E-68 | ++++ |
| 11 | 116670676 | rs6589567 | C | A | 0.8628 | 0.0392 | 0.0058 | 2.18E-09 | ++++ |
| 11 | 116673768 | rs1729409 | A | G | 0.4815 | 0.0274 | 0.0055 | 2.82E-08 | ++++ |
| 11 | 116728630 | rs12225230 | G | C | 0.823 | -0.055 | NA | 7.8E-29 | ++++ |
| 11 | 116734545 | rs11216164 | G | A | 0.6398 | 0.0223 | 0.0038 | 1.16E-09 | ++++ |
| 11 | 117075566 | rs508487 | C | T | 0.945 | 0.067 | NA | 1.5E-13 | +--- |
| 11 | 117267884 | rs573455 | A | G | 0.4697 | 0.0221 | 0.0034 | 2.52E-10 | ++++ |
| 11 | 122520291 | rs1945391 | A | T | 0.5525 | -0.0228 | 0.0028 | 1.6E-16 | ++++ |
| 11 | 126218541 | rs17135399 | A | G | 0.93404 | 0.0483 | 0.0077 | 4.26E-09 | ++++ |
| 12 | 7725583 | ss1388044873 | A | G | 0.8269 | -0.026 | 0.0047 | 3.49E-08 | ---- |
| 12 | 20470199 | rs11045171 | A | G | 0.8048 | -0.0318 | 0.0036 | 2.27E-18 | ++++ |
| 12 | 20473758 | rs7134375 | C | A | 0.566 | -0.027 | NA | 1.6E-12 | ++++ |
| 12 | 26474867 | rs10842708 | A | G | 0.6564 | 0.0183 | 0.0024 | 1.28E-14 | ++++ |
| 12 | 33459554 | rs4551851 | A | G | 0.571 | -0.0148 | 0.0025 | 2.58E-09 | ++++ |
| 12 | 57843711 | rs2229357 | G | A | 0.774 | -0.036 | NA | 2.2E-15 | ++++ |
| 12 | 57848639 | rs3809114 | A | G | 0.5061 | 0.0177 | 0.0027 | 6.94E-11 | ++++ |
| 12 | 101873956 | rs2373459 | T | C | 0.6796 | 0.0154 | 0.0023 | 9.3E-12 | ++++ |
| 12 | 109796637 | rs12227736 | A | G | 0.3826 | 0.0301 | 0.0049 | 2.35E-08 | ++++ |
| 12 | 110015893 | rs7954144 | A | G | 0.4301 | -0.0273 | 0.0027 | 7.61E-24 | ++++ |
| 12 | 111904371 | rs4766578 | A | T | 0.5425 | 0.0219 | 0.0028 | 1.14E-14 | ++++ |
| 12 | 117160976 | rs10507274 | T | C | 0.9391 | -0.0229 | 0.0041 | 1.84E-08 | +--- |
| 12 | 122781897 | rs11057405 | G | A | 0.90369 | 0.0412 | 0.0062 | 1.23E-09 | +++- |
| 12 | 123171218 | rs2454722 | G | A | 0.1451 | 0.0351 | 0.0044 | 3.31E-14 | ++++ |
| 12 | 123344021 | rs2271051 | A | G | 0.06069 | 0.049 | 0.0066 | 1.6E-11 | ++++ |
| 12 | 123796238 | rs4759375 | T | C | 0.0919 | 0.0487 | 0.0048 | 1.67E-24 | ++++ |
| 12 | 123895906 | rs28577594 | G | C | 0.291 | 0.03 | NA | 4.9E-12 | ++++ |
| 12 | 124475156 | rs7307277 | A | G | 0.655 | -0.037 | NA | 7.5E-21 | ++++ |
| 12 | 124505444 | rs863750 | C | T | 0.403 | 0.034 | NA | 2.8E-19 | ++++ |
| 12 | 125259888 | rs838876 | A | G | 0.3259 | 0.0493 | 0.0039 | 7.33E-33 | ++++ |
| 12 | 125261839 | rs838883 | T | C | 0.09499 | 0.0485 | 0.0073 | 5.1E-11 | ++++ |
| 12 | 125283766 | rs10773105 | C | T | 0.4828 | 0.0363 | 0.0035 | 3.2E-24 | ++++ |
| 12 | 125320155 | rs7954519 | T | G | 0.7942 | 0.039 | 0.0049 | 1.99E-13 | ++++ |
| 12 | 125332955 | rs10773111 | T | C | 0.4129 | 0.0246 | 0.0035 | 3.33E-11 | ++++ |
| 12 | 125338529 | rs10773112 | T | C | 0.6429 | 0.039 | 0.0028 | 7.59E-43 | ++++ |
| 12 | 125351116 | rs4379922 | C | T | 0.3496 | 0.0247 | 0.0036 | 9.56E-12 | ++++ |
| 12 | 125380232 | rs7298751 | G | A | 0.1187 | 0.0434 | 0.0052 | 2.46E-16 | ++++ |
| 12 | 125439806 | rs7959530 | C | T | 0.4248 | 0.0281 | 0.0048 | 4.05E-08 | ++++ |
| 14 | 65119839 | rs7148864 | A | G | 0.796 | -0.03 | NA | 6.8E-10 | ++++ |
| 14 | 74250126 | rs13379043 | T | C | 0.6293 | -0.0168 | 0.0029 | 1.17E-08 | ++++ |
| 14 | 105258892 | rs2494748 | T | C | 0.5435 | -0.0303 | 0.0029 | 3.31E-26 | ++++ |
| 15 | 58450274 | rs10444840 | G | A | 0.5528 | 0.0195 | 0.0035 | 2.05E-08 | ++++ |
| 15 | 58525552 | rs2414553 | G | T | 0.1319 | 0.035 | 0.005 | 6.85E-11 | ++++ |
| 15 | 58542197 | rs4774292 | C | T | 0.5765 | 0.0226 | 0.0037 | 1.52E-08 | ++++ |
| 15 | 58558746 | rs7179726 | C | T | 0.4842 | 0.022 | 0.0034 | 1.41E-09 | ++++ |
| 15 | 58579956 | rs2899624 | A | G | 0.8456 | 0.0714 | 0.0049 | 1.39E-40 | ++++ |
| 15 | 58580525 | rs12910051 | G | A | 0.1346 | 0.0508 | 0.0053 | 4E-20 | ++++ |
| 15 | 58611859 | rs1373655 | G | T | 0.6913 | 0.0359 | 0.0039 | 3.65E-18 | ++++ |
| 15 | 58651632 | rs16940126 | C | T | 0.8997 | 0.0529 | 0.006 | 2.23E-18 | ++++ |
| 15 | 58666679 | rs185481 | C | T | 0.529 | 0.0366 | 0.0035 | 1.4E-23 | ++++ |
| 15 | 58671178 | rs10152355 | C | A | 0.5567 | 0.0629 | 0.0049 | 5.74E-33 | ++++ |
| 15 | 58678512 | rs10468017 | T | C | 0.2757 | 0.1179 | 0.0038 | 1.21E-188 | ++++ |
| 15 | 58678869 | rs117901517 | T | C | 0.93668 | 0.0592 | 0.0083 | 4.3E-11 | +--- |
| 15 | 58682690 | rs34718390 | A | G | 0.05145 | 0.1008 | 0.0103 | 1.8E-19 | ++++ |
| 15 | 58686754 | rs7164909 | C | T | 0.91953 | 0.0715 | 0.0066 | 5.06E-24 | ++++ |
| 15 | 58687524 | rs16940181 | C | A | 0.157 | 0.0817 | 0.0049 | 1.29E-52 | ++++ |
| 15 | 58693860 | rs487766 | C | T | 0.186 | 0.0855 | 0.004 | 1.87E-93 | ++++ |
| 15 | 58710627 | rs11071380 | C | A | 0.5778 | 0.0759 | 0.0038 | 4.09E-86 | ++++ |
| 15 | 58717428 | rs16940262 | C | T | 0.4881 | 0.0259 | 0.0041 | 1.49E-08 | ++++ |
| 15 | 58723479 | rs1077834 | C | T | 0.2111 | 0.1253 | 0.0041 | 7.77E-180 | ++++ |
| 15 | 58730889 | rs12914035 | A | G | 0.8325 | 0.0492 | 0.0049 | 3.86E-22 | +++- |
| 15 | 58742731 | rs11858164 | T | G | 0.4749 | 0.0594 | 0.0053 | 8.04E-28 | ++++ |
| 15 | 58751877 | rs936960 | T | G | 0.09631 | 0.0414 | 0.0064 | 1.42E-10 | ++++ |
| 15 | 58884972 | rs11637365 | T | A | 0.94327 | 0.0501 | 0.0079 | 3.44E-09 | ++++ |
| 15 | 61948435 | rs2245477 | A | C | 0.4047 | -0.0136 | 0.0024 | 1.16E-08 | ++++ |
| 15 | 63396867 | rs2652834 | G | A | 0.7652 | 0.0285 | 0.0043 | 3.59E-11 | ++++ |
| 16 | 15172118 | rs11644601 | T | C | 0.703 | -0.023 | NA | 0.00000001 | ++++ |
| 16 | 53818460 | rs3751812 | T | G | 0.3619 | -0.0253 | 0.0029 | 1.88E-18 | ++++ |
| 16 | 56363528 | rs3790106 | C | G | 0.81 | 0.0374 | 0.0052 | 3.27E-11 | ++++ |
| 16 | 56387000 | rs4784659 | T | C | 0.1847 | 0.0274 | 0.0049 | 1.02E-08 | ++++ |
| 16 | 56626769 | rs9938618 | G | A | 0.06596 | 0.0576 | 0.0083 | 1.44E-11 | ++++ |
| 16 | 56690858 | rs8044791 | C | T | 0.1306 | 0.0339 | 0.0053 | 2.14E-09 | ++++ |
| 16 | 56735782 | rs12928598 | A | G | 0.2388 | 0.0379 | 0.0043 | 2.48E-17 | ++++ |
| 16 | 56778067 | rs7193072 | A | G | 0.2375 | 0.0498 | 0.0038 | 1.4E-34 | ++++ |
| 16 | 56852311 | rs1561138 | C | A | 0.8034 | 0.0376 | 0.0042 | 5.18E-17 | ++++ |
| 16 | 56866196 | rs2241770 | T | C | 0.8971 | 0.0989 | 0.0057 | 6.78E-60 | ++++ |
| 16 | 56926195 | rs13306677 | A | G | 0.09894 | 0.09 | 0.0057 | 1.35E-50 | ++++ |
| 16 | 56940513 | rs3794650 | T | C | 0.8338 | 0.0687 | 0.005 | 9.84E-41 | +--+ |
| 16 | 56942709 | rs7204044 | A | G | 0.2137 | 0.0388 | 0.004 | 6.46E-20 | ++++ |
| 16 | 56942921 | rs1138429 | A | T | 0.90237 | 0.1156 | 0.0065 | 9.52E-66 | +--- |
| 16 | 56968039 | rs7204290 | G | A | 0.6979 | 0.0302 | 0.0038 | 1.48E-14 | ++++ |
| 16 | 56984590 | rs9938160 | C | T | 0.252 | 0.0599 | 0.0053 | 3.17E-25 | ++++ |
| 16 | 56984763 | rs247615 | A | G | 0.781 | 0.0764 | 0.0044 | 2.94E-62 | ++++ |
| 16 | 56985156 | rs193695 | G | A | 0.6398 | 0.1415 | 0.0051 | 2.32E-145 | ++++ |
| 16 | 56992017 | rs6499863 | G | A | 0.8417 | 0.0862 | 0.005 | 9.75E-63 | ++++ |
| 16 | 56993025 | rs12920974 | G | T | 0.6847 | 0.1341 | 0.0052 | 3.04E-124 | ++++ |
| 16 | 56994894 | rs4783961 | A | G | 0.4855 | 0.0997 | 0.0036 | 5.73E-162 | ++++ |
| 16 | 56995038 | rs4783962 | C | T | 0.7678 | 0.075 | 0.0041 | 4.6E-74 | ++++ |
| 16 | 56999328 | rs11508026 | T | C | 0.4142 | 0.1948 | 0.0051 | 0 | ++++ |
| 16 | 57000938 | rs118146573 | G | A | 0.883 | 0.224 | NA | 0 | ++++ |
| 16 | 57003146 | rs11076174 | T | C | 0.8958 | 0.1797 | 0.0075 | 2.28E-127 | ++++ |
| 16 | 57007353 | rs5883 | C | T | 0.946 | -0.109 | NA | 3.2E-35 | ++++ |
| 16 | 57009941 | rs289719 | T | C | 0.3285 | 0.1129 | 0.0039 | 5.37E-173 | ++++ |
| 16 | 57015091 | rs5880 | G | C | 0.94063 | 0.3071 | 0.009 | 1.37E-233 | +--- |
| 16 | 57019392 | rs12720917 | C | T | 0.1412 | 0.0976 | 0.0055 | 5.89E-68 | +++- |
| 16 | 57019532 | rs289745 | A | C | 0.6029 | 0.0276 | 0.0041 | 2.28E-20 | ++++ |
| 16 | 57021433 | rs12934552 | A | G | 0.8734 | 0.0541 | 0.0054 | 8.71E-24 | ++++ |
| 16 | 57025063 | rs289748 | A | G | 0.5158 | 0.0387 | 0.005 | 6.63E-17 | ++++ |
| 16 | 57032461 | rs7198642 | G | T | 0.1675 | 0.0352 | 0.0043 | 3.06E-14 | ++++ |
| 16 | 57033696 | rs1875236 | A | G | 0.09763 | 0.059 | 0.0065 | 1.45E-18 | ++++ |
| 16 | 57034645 | rs1991515 | T | C | 0.4565 | 0.0225 | 0.0037 | 5.62E-10 | ++++ |
| 16 | 57036440 | rs7499911 | G | A | 0.06464 | 0.06 | 0.0111 | 1.26E-08 | +--- |
| 16 | 57050348 | rs17370142 | T | G | 0.1161 | 0.0342 | 0.0059 | 1.19E-11 | ++++ |
| 16 | 57052901 | rs12446867 | G | T | 0.7427 | 0.0344 | 0.0042 | 1.83E-16 | ++++ |
| 16 | 57061189 | rs291040 | T | C | 0.6623 | 0.0305 | 0.0037 | 8.21E-17 | ++++ |
| 16 | 57065121 | rs16965220 | A | C | 0.2982 | 0.0219 | 0.0037 | 7.91E-09 | ++++ |
| 16 | 57074451 | rs289726 | T | C | 0.3522 | 0.0364 | 0.0037 | 1.27E-22 | ++++ |
| 16 | 57080528 | rs289723 | C | A | 0.748 | 0.022 | 0.0038 | 4.08E-09 | ++++ |
| 16 | 57116036 | rs150348 | A | C | 0.372 | 0.0232 | 0.0035 | 7.41E-10 | ++++ |
| 16 | 57141666 | rs4783972 | C | A | 0.4129 | 0.022 | 0.0036 | 1.43E-09 | ++++ |
| 16 | 67207933 | rs2233455 | T | C | 0.06464 | 0.0567 | 0.0066 | 2.27E-14 | ++++ |
| 16 | 67655133 | rs7191281 | C | T | 0.1253 | 0.0497 | 0.0052 | 2.56E-20 | ++++ |
| 16 | 67863451 | rs3743733 | C | T | 0.4868 | 0.027 | 0.0036 | 8.65E-13 | ++++ |
| 16 | 67942320 | rs56070533 | A | G | 0.1512 | 0.0779 | 0.0038 | 8.82E-95 | ++++ |
| 16 | 68409435 | rs2863973 | C | A | 0.1821 | 0.0471 | 0.0044 | 1.1E-22 | ++++ |
| 16 | 81534790 | rs2925979 | T | C | 0.2955 | -0.0309 | 0.0029 | 6.14E-27 | ++++ |
| 17 | 486821 | rs12938449 | A | C | 0.1814 | -0.018 | 0.0032 | 1.16E-08 | ++++ |
| 17 | 37722515 | rs7503195 | A | G | 0.4142 | 0.0219 | 0.0037 | 1.64E-08 | ++++ |
| 17 | 37746359 | rs11078917 | A | C | 0.3803 | -0.0336 | 0.0029 | 3.41E-30 | ++++ |
| 17 | 37921742 | rs907091 | C | T | 0.5211 | 0.0248 | 0.0034 | 1.61E-13 | ++++ |
| 17 | 37949924 | rs17676191 | A | G | 0.91161 | 0.037 | 0.0062 | 8.89E-09 | +++- |
| 17 | 45766771 | rs56325564 | A | G | 0.4569 | 0.0148 | 0.0027 | 4.45E-08 | ++++ |
| 17 | 65892507 | rs61676547 | C | G | 0.3144 | -0.0208 | 0.0031 | 3.01E-11 | ++++ |
| 17 | 66882466 | rs4148005 | T | G | 0.7005 | 0.0283 | 0.0036 | 5.74E-14 | ++++ |
| 17 | 76400329 | rs12601079 | A | G | 0.6042 | 0.0334 | 0.0027 | 7.61E-35 | ++++ |
| 18 | 21161134 | rs1788783 | T | C | 0.504 | 0.0158 | 0.0021 | 7.99E-14 | ++++ |
| 18 | 47033207 | rs12963212 | C | T | 0.5594 | 0.0218 | 0.0035 | 8.56E-10 | ++++ |
| 18 | 47086998 | rs4245232 | C | A | 0.7718 | 0.0369 | 0.0061 | 6.84E-09 | ++++ |
| 18 | 47093864 | rs2000813 | T | C | 0.2902 | 0.0401 | 0.0039 | 1.08E-23 | ++++ |
| 18 | 47097398 | rs8093249 | A | G | 0.8404 | 0.0384 | 0.0051 | 1.8E-13 | ++++ |
| 18 | 47126172 | rs9955201 | A | G | 0.06069 | 0.0638 | 0.0081 | 2.4E-14 | ++++ |
| 18 | 47138066 | rs7241596 | T | C | 0.3417 | 0.0261 | 0.0035 | 1.12E-13 | ++++ |
| 18 | 47147746 | rs1105654 | A | G | 0.628 | 0.0481 | 0.0036 | 1.84E-38 | +++- |
| 18 | 47148299 | rs7229377 | T | C | 0.2216 | 0.045 | 0.0044 | 2.67E-21 | ++++ |
| 18 | 47148886 | rs73959582 | C | T | 0.1372 | 0.0674 | 0.0075 | 5.63E-17 | ++++ |
| 18 | 47149371 | rs7235005 | A | G | 0.4987 | 0.0316 | 0.0035 | 1.11E-18 | ++++ |
| 18 | 47154779 | rs56339947 | C | T | 0.09235 | 0.0543 | 0.009 | 4.11E-08 | +--- |
| 18 | 47161733 | rs4939881 | C | T | 0.5818 | 0.0417 | 0.005 | 3.59E-16 | ++++ |
| 18 | 47162207 | rs7228412 | G | A | 0.2045 | 0.0298 | 0.0043 | 5.97E-11 | ++++ |
| 18 | 47164375 | rs12965544 | G | A | 0.252 | 0.0263 | 0.0039 | 4.56E-11 | ++++ |
| 18 | 47167214 | rs4939883 | C | T | 0.8193 | 0.0799 | 0.0045 | 1.8E-66 | ++++ |
| 18 | 47182838 | rs1943969 | A | G | 0.3364 | 0.0272 | 0.0037 | 2.52E-13 | ++++ |
| 18 | 47192294 | rs882617 | C | A | 0.91689 | 0.0358 | 0.0061 | 3.27E-08 | ++++ |
| 18 | 47243912 | rs6507945 | C | A | 0.5646 | 0.0441 | 0.0034 | 1.33E-34 | ++++ |
| 18 | 47249297 | rs8088428 | A | G | 0.8668 | 0.0376 | 0.0052 | 4.56E-13 | ++++ |
| 18 | 47258695 | rs4939890 | G | A | 0.91293 | 0.0549 | 0.0059 | 5.09E-19 | ++++ |
| 18 | 47261744 | rs3892138 | C | A | 0.3008 | 0.0396 | 0.004 | 3.16E-21 | ++++ |
| 18 | 47275339 | rs8087313 | C | T | 0.07916 | 0.0462 | 0.0068 | 3.4E-11 | ++++ |
| 18 | 47278345 | rs2040293 | A | G | 0.2559 | 0.0438 | 0.0039 | 7.87E-28 | ++++ |
| 18 | 47394395 | rs578211 | C | A | 0.7467 | 0.022 | 0.0038 | 1.48E-08 | ++++ |
| 18 | 47457559 | rs1787328 | C | T | 0.4617 | 0.0411 | 0.0037 | 2.3E-26 | ++++ |
| 18 | 47482530 | rs13381727 | T | C | 0.1201 | 0.0337 | 0.0059 | 2.09E-09 | ++++ |
| 18 | 57829135 | rs6567160 | T | C | 0.7691 | 0.0257 | 0.0041 | 2.92E-09 | ++++ |
| 18 | 57942799 | rs9956279 | C | T | 0.7269 | 0.0214 | 0.0038 | 4.91E-08 | ++++ |
| 19 | 3414088 | rs12975319 | A | G | 0.3003 | -0.0143 | 0.0024 | 1.23E-09 | ++++ |
| 19 | 7242261 | rs56149994 | T | C | 0.2862 | -0.0229 | 0.0031 | 1.18E-13 | ++++ |
| 19 | 8431581 | rs2278236 | A | G | 0.5435 | 0.0331 | 0.0035 | 3.19E-18 | ++++ |
| 19 | 8467235 | rs2913968 | T | C | 0.7243 | 0.0278 | 0.0039 | 1.82E-12 | ++++ |
| 19 | 8503025 | rs3815783 | A | G | 0.3509 | 0.0321 | 0.0046 | 1.57E-10 | ++++ |
| 19 | 8610894 | rs3111576 | T | C | 0.1372 | 0.0448 | 0.0054 | 1.2E-14 | ++++ |
| 19 | 11350488 | rs2278426 | T | C | 0.1249 | -0.0756 | 0.0049 | 9.66E-53 | ++++ |
| 19 | 33896432 | rs4805881 | A | C | 0.341 | -0.028 | NA | 1.3E-10 | ++++ |
| 19 | 45242173 | rs1531517 | A | G | 0.05145 | 0.044 | 0.0074 | 2.43E-08 | ++++ |
| 19 | 45329214 | rs10402271 | T | G | 0.6596 | 0.0205 | 0.0035 | 6.15E-09 | ++++ |
| 19 | 45333834 | rs4803760 | T | C | 0.1953 | 0.026 | 0.0046 | 4.84E-08 | ++++ |
| 19 | 45395266 | rs157580 | G | A | 0.3799 | 0.0297 | 0.0042 | 9.88E-12 | ++++ |
| 19 | 45411941 | rs429358 | T | C | 0.8416 | 0.093 | 0.0037 | 1.26E-142 | ++++ |
| 19 | 45412079 | rs7412 | C | T | 0.916 | -0.079 | NA | 4.6E-29 | ++++ |
| 19 | 45439163 | rs35136575 | G | C | 0.2282 | 0.0361 | 0.0055 | 1.22E-09 | ++++ |
| 19 | 45448465 | rs5167 | T | G | 0.643 | -0.035 | NA | 5.1E-19 | ++++ |
| 19 | 50161091 | rs61743199 | A | G | 0.933 | 0.0343 | 0.0057 | 1.96E-09 | +--- |
| 19 | 52304069 | rs74256604 | A | G | 0.1298 | -0.0284 | 0.0043 | 3.12E-11 | ++++ |
| 19 | 52324216 | rs17695224 | G | A | 0.7612 | 0.029 | 0.0039 | 2.42E-13 | ++++ |
| 19 | 54785593 | rs380573 | G | A | 0.7876 | 0.0331 | 0.0044 | 1.1E-12 | ++++ |
| 19 | 54799083 | rs380267 | A | G | 0.805 | -0.0622 | 0.0035 | 4.24E-71 | ++++ |
| 19 | 54810370 | rs4806741 | G | A | 0.2348 | 0.0299 | 0.0045 | 1.72E-10 | ++++ |
| 19 | 54827040 | rs1645784 | C | A | 0.08443 | 0.0639 | 0.0105 | 6.22E-11 | ++++ |
| 19 | 54837165 | rs12979085 | A | G | 0.2889 | 0.0415 | 0.0039 | 6.03E-23 | ++++ |
| 20 | 30184866 | rs6120815 | T | C | 0.7246 | -0.015 | 0.0027 | 1.85E-08 | ++++ |
| 20 | 33719183 | rs3746428 | A | G | 0.1592 | -0.024 | 0.0038 | 2.84E-10 | ++++ |
| 20 | 43038249 | rs6031587 | C | T | 0.9314 | 0.0488 | 0.0074 | 1.92E-09 | ++++ |
| 20 | 44538427 | rs378114 | T | C | 0.2388 | 0.0294 | 0.0039 | 1.29E-13 | ++++ |
| 20 | 44585420 | rs4465830 | A | G | 0.7982 | 0.0597 | 0.0044 | 5.18E-40 | ++++ |
| 20 | 44585793 | rs13040315 | G | A | 0.4367 | 0.0194 | 0.0034 | 2.85E-08 | ++++ |
| 20 | 44632367 | rs6065912 | G | A | 0.8417 | 0.0384 | 0.005 | 1.28E-14 | ++++ |
| 20 | 44714510 | rs6065921 | A | G | 0.8127 | 0.0266 | 0.0042 | 7.62E-10 | ++++ |
| 20 | 46290250 | rs2281279 | T | C | 0.7201 | -0.0183 | 0.0026 | 1.24E-12 | ++++ |
| 20 | 51263786 | rs856404 | A | G | 0.6427 | -0.0131 | 0.0022 | 3.39E-09 | ++++ |
| 21 | 36343552 | rs2834707 | T | C | 0.3612 | -0.0151 | 0.0025 | 7.5E-10 | ++++ |
| 21 | 46271452 | rs235314 | T | C | 0.4952 | -0.0174 | 0.0028 | 3.59E-10 | ++++ |
| 22 | 21976934 | rs7444 | T | C | 0.7049 | 0.034 | 0.0031 | 1.01E-28 | ++++ |
| 22 | 29400515 | rs8142788 | A | G | 0.1559 | -0.023 | 0.004 | 1.16E-08 | +--+ |
| 22 | 38594668 | rs2899297 | A | G | 0.5479 | -0.0225 | 0.0027 | 9.89E-17 | ++++ |
| 22 | 44340904 | rs2294915 | T | C | 0.246 | -0.0177 | 0.0032 | 2.81E-08 | ++++ |
| 23 | 14860103 | rs138331350 | G | A | 0.942 | -0.048 | NA | 2.6E-11 | ---- |
| \* Indicates whether the SNP was present in each genetic study included in this analysis. (+) and (-) indicate the SNP is present or absent, respectively. The order of the studies is UK Biobank, GOCHA, ISGC ICH and GERFHS. | | | | | | | | | |

**Supplementary Table 4: SNPs used in the polygenic risk score of triglycerides.**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chr** | **Pos** | **rsid** | **EA** | **NEA** | **EAF** | **Beta** | **se** | **P** | **SNP Present  in Study\*** |
| 1 | 11838451 | rs55738118 | T | C | 0.1089 | -0.0208 | 0.0037 | 0.000000016 | ++++ |
| 1 | 27138393 | rs12748152 | T | C | 0.07124 | 0.0372 | 0.0059 | 1.1E-09 | +--- |
| 1 | 40003410 | rs72663520 | T | C | 0.2135 | 0.0225 | 0.0036 | 3.092E-10 | ++++ |
| 1 | 50889255 | rs1278530 | A | G | 0.5078 | -0.016 | 0.0023 | 8E-12 | ++++ |
| 1 | 62836976 | rs6587971 | C | T | 0.442 | 0.0191 | 0.0038 | 6.577E-09 | ++++ |
| 1 | 62853146 | rs369679376 | A | G | 0.1517 | 0.0303 | 0.0047 | 3.221E-10 | ---- |
| 1 | 62861261 | rs12123703 | A | G | 0.94327 | 0.0643 | 0.0095 | 3.54E-09 | +--- |
| 1 | 62953373 | rs10493326 | A | G | 0.2467 | 0.0311 | 0.0039 | 2.004E-15 | ++++ |
| 1 | 62995263 | rs12039115 | C | T | 0.8905 | 0.0471 | 0.0051 | 6.535E-21 | ++++ |
| 1 | 63133930 | rs4587594 | G | A | 0.69 | 0.0694 | 0.0035 | 3.503E-82 | ++++ |
| 1 | 63193972 | rs2149116 | A | G | 0.3179 | 0.031 | 0.005 | 1.029E-09 | ++++ |
| 1 | 63231401 | rs11807368 | T | G | 0.4261 | 0.0312 | 0.0035 | 1.791E-18 | ++++ |
| 1 | 63252766 | rs6587988 | C | T | 0.8628 | 0.0432 | 0.0045 | 3.068E-21 | ++++ |
| 1 | 63375116 | rs2780879 | C | T | 0.9248 | 0.0469 | 0.0067 | 6.466E-11 | ++++ |
| 1 | 72839774 | rs2613503 | A | C | 0.8334 | 0.0178 | 0.0028 | 2.4E-10 | ++++ |
| 1 | 172349246 | rs7519429 | A | C | 0.625 | 0.026 | NA | 1.6E-09 | ++++ |
| 1 | 203518382 | rs2821231 | T | C | 0.4417 | 0.0146 | 0.0025 | 3.45E-09 | ++++ |
| 1 | 205130413 | rs3851294 | A | G | 0.0913 | -0.0201 | 0.0034 | 4.25E-09 | ++++ |
| 1 | 219734960 | rs2820441 | A | C | 0.707 | 0.0256 | 0.0031 | 7.633E-17 | ++++ |
| 1 | 230287128 | rs1998064 | T | G | 0.7533 | 0.0211 | 0.0038 | 4.855E-08 | ++++ |
| 1 | 230291868 | rs2352723 | T | C | 0.1873 | 0.0316 | 0.0043 | 2.334E-12 | ++++ |
| 1 | 230297136 | rs2281721 | T | C | 0.5522 | -0.0377 | 0.0028 | 1.476E-40 | ++++ |
| 2 | 21125742 | rs4468779 | C | T | 0.2573 | 0.0268 | 0.0039 | 3.133E-11 | ++++ |
| 2 | 21138066 | rs9306897 | T | C | 0.3034 | 0.0255 | 0.0035 | 1.82E-12 | ++++ |
| 2 | 21141323 | rs6755762 | G | A | 0.4235 | 0.0283 | 0.0033 | 4.703E-17 | ++++ |
| 2 | 21213062 | rs6722374 | T | G | 0.4288 | 0.0323 | 0.0033 | 1.906E-20 | -+++ |
| 2 | 21231524 | rs676210 | G | A | 0.7691 | 0.0733 | 0.0039 | 3.284E-71 | ++++ |
| 2 | 21232804 | rs1041968 | G | A | 0.511 | -0.051 | NA | 1E-35 | ++++ |
| 2 | 21278773 | rs934198 | G | T | 0.677 | -0.026 | NA | 2.9E-09 | ++++ |
| 2 | 21389659 | rs4635554 | G | T | 0.3061 | 0.0228 | 0.0038 | 2.007E-08 | ++++ |
| 2 | 27420690 | rs1659685 | T | C | 0.7243 | 0.0503 | 0.0036 | 8.691E-40 | ++++ |
| 2 | 27642734 | rs11675428 | A | C | 0.8338 | 0.0457 | 0.0043 | 5.244E-25 | +++- |
| 2 | 27706640 | rs2272417 | T | C | 0.595 | 0.0497 | 0.0035 | 1.026E-44 | ++++ |
| 2 | 27730940 | rs1260326 | T | C | 0.379 | 0.1118 | 0.0028 | 1E-300 | ++++ |
| 2 | 27731212 | rs3817588 | T | C | 0.7889 | 0.0674 | 0.0042 | 1.295E-55 | +++- |
| 2 | 27860258 | rs2141371 | A | G | 0.6939 | 0.0605 | 0.0041 | 9.2E-49 | ++++ |
| 2 | 27895073 | rs2178198 | T | C | 0.1306 | 0.0795 | 0.005 | 1.039E-55 | ++++ |
| 2 | 27927968 | rs71441090 | A | G | 0.08311 | 0.0778 | 0.0097 | 7.021E-15 | +--- |
| 2 | 27933642 | rs4616435 | T | C | 0.2243 | 0.0776 | 0.0041 | 4.406E-73 | ++++ |
| 2 | 27995781 | rs3736594 | C | A | 0.7269 | 0.0518 | 0.0037 | 4.972E-42 | ++++ |
| 2 | 28203294 | rs898031 | C | T | 0.6834 | 0.0288 | 0.0035 | 6.377E-15 | ++++ |
| 2 | 28323869 | rs6547829 | T | C | 0.09499 | 0.0551 | 0.0056 | 7.445E-20 | ++++ |
| 2 | 28371475 | rs6707039 | G | A | 0.0686 | 0.0448 | 0.0064 | 1.179E-11 | ++++ |
| 2 | 28421381 | rs11891642 | T | C | 0.2454 | 0.0253 | 0.004 | 3.47E-09 | ++++ |
| 2 | 28421461 | rs4666042 | A | G | 0.7388 | 0.0331 | 0.0039 | 8.583E-17 | ++++ |
| 2 | 28421473 | rs55807911 | C | T | 0.2124 | 0.0363 | 0.0057 | 4.123E-10 | ++++ |
| 2 | 28443050 | rs7349418 | C | T | 0.4472 | 0.0386 | 0.0034 | 1.063E-28 | ++++ |
| 2 | 28523995 | rs12621972 | C | T | 0.2203 | 0.0244 | 0.0041 | 6.737E-09 | ++++ |
| 2 | 28531903 | rs13031756 | G | A | 0.4842 | 0.0198 | 0.0033 | 8.838E-09 | ++++ |
| 2 | 28556890 | rs10865494 | A | C | 0.09235 | 0.0422 | 0.0058 | 3.518E-12 | ++++ |
| 2 | 28652529 | rs4666076 | G | A | 0.6649 | 0.0226 | 0.0035 | 4.631E-09 | ++++ |
| 2 | 28662228 | rs10174692 | A | G | 0.2348 | 0.0248 | 0.0041 | 3.613E-09 | ++++ |
| 2 | 43747854 | rs202032561 | T | C | 0.1315 | -0.0331 | 0.0051 | 1.096E-10 | ++++ |
| 2 | 58933591 | rs1861410 | T | C | 0.5536 | -0.0146 | 0.0023 | 4.16E-10 | ++++ |
| 2 | 65276049 | rs1009360 | T | C | 0.565 | 0.026 | NA | 6.1E-10 | ++++ |
| 2 | 66680892 | rs1519104 | A | G | 0.6821 | -0.016 | 0.0025 | 2.02E-10 | ++++ |
| 2 | 111868691 | rs77004761 | T | A | 0.886 | 0.038 | NA | 8.4E-09 | +--- |
| 2 | 146347459 | rs6430090 | A | G | 0.3706 | 0.0161 | 0.0024 | 2.48E-11 | ++++ |
| 2 | 165508389 | rs10184004 | T | C | 0.453 | -0.0309 | 0.0028 | 2.647E-29 | ++++ |
| 2 | 165551201 | rs7607980 | T | C | 0.873 | 0.049 | NA | 1.3E-15 | ++++ |
| 2 | 219699999 | rs78058190 | G | A | 0.948 | -0.072 | NA | 1.5E-14 | +--- |
| 2 | 227107501 | rs1913657 | T | C | 0.6215 | 0.0433 | 0.0028 | 2.277E-55 | ++++ |
| 2 | 239896861 | rs10199914 | A | G | 0.6285 | -0.0112 | 0.0019 | 3.54E-09 | ++++ |
| 3 | 12173655 | rs34831171 | T | C | 0.7997 | 0.0246 | 0.0038 | 6.929E-11 | ++++ |
| 3 | 12486964 | rs10440120 | C | A | 0.8325 | 0.0306 | 0.0044 | 5.343E-11 | ++++ |
| 3 | 12489342 | rs17819328 | G | T | 0.4261 | 0.0232 | 0.0035 | 2.889E-10 | ++++ |
| 3 | 36979042 | rs6777217 | A | G | 0.4742 | 0.0101 | 0.0018 | 4.76E-08 | ++++ |
| 3 | 135926622 | rs645040 | T | G | 0.7691 | 0.0293 | 0.004 | 1.83E-12 | ++++ |
| 3 | 142657205 | rs2354167 | T | G | 0.4443 | 0.0144 | 0.0024 | 1.96E-09 | ++++ |
| 3 | 155547274 | rs382534 | T | C | 0.2379 | 0.0149 | 0.0025 | 1.85E-09 | ++++ |
| 3 | 156795414 | rs9817452 | T | G | 0.3753 | -0.0292 | 0.0029 | 4.128E-23 | ++++ |
| 3 | 170739663 | rs11720145 | A | G | 0.2337 | 0.0223 | 0.003 | 1.03E-13 | ++++ |
| 4 | 852313 | rs1564282 | T | C | 0.0934 | 0.0224 | 0.0033 | 1.2E-11 | ++++ |
| 4 | 3443931 | rs13108218 | A | G | 0.4233 | 0.0234 | 0.0028 | 1.163E-16 | ++++ |
| 4 | 3473139 | rs6831256 | G | A | 0.409 | 0.0258 | 0.0035 | 1.602E-12 | ++++ |
| 4 | 69367872 | rs2603151 | A | G | 0.3612 | 0.0168 | 0.0028 | 9.938E-10 | ++++ |
| 4 | 87279096 | rs2869433 | T | C | 0.3074 | 0.0192 | 0.0034 | 4.585E-08 | ++++ |
| 4 | 87873164 | rs1992876 | A | G | 0.81 | 0.0269 | 0.0041 | 2.788E-10 | ++++ |
| 4 | 88018991 | rs2035403 | A | G | 0.601 | -0.038 | NA | 5.1E-19 | ++++ |
| 4 | 88057353 | rs1408 | A | G | 0.6123 | 0.0305 | 0.0028 | 8.385E-28 | ++++ |
| 4 | 88082177 | rs4693158 | G | A | 0.8034 | 0.0281 | 0.0041 | 4.729E-10 | ++++ |
| 4 | 88163094 | rs7688657 | C | G | 0.3984 | 0.0272 | 0.0033 | 7.184E-14 | ++++ |
| 4 | 88199484 | rs6531968 | T | G | 0.5369 | 0.0283 | 0.0047 | 4.62E-08 | ++++ |
| 4 | 89741269 | rs3822072 | G | A | 0.528 | -0.025 | NA | 2.1E-09 | ++++ |
| 4 | 100042221 | rs6532795 | T | C | 0.2812 | -0.0168 | 0.003 | 1.164E-08 | ++++ |
| 4 | 104174843 | rs200911786 | A | C | 0.1523 | -0.0251 | 0.0043 | 5.972E-09 | ++++ |
| 5 | 55806751 | rs459193 | A | G | 0.2968 | -0.0324 | 0.0029 | 9.227E-29 | ++++ |
| 5 | 55861786 | rs9686661 | C | T | 0.801 | -0.045 | NA | 4.2E-18 | ++++ |
| 5 | 118729286 | rs1045241 | T | C | 0.2937 | -0.0154 | 0.0024 | 5.75E-11 | ++++ |
| 5 | 132444301 | rs11745702 | T | C | 0.7608 | 0.0193 | 0.0034 | 9.665E-09 | ++++ |
| 5 | 156394441 | rs9715911 | A | G | 0.6039 | 0.035 | 0.0027 | 5.459E-38 | ++++ |
| 5 | 156466179 | rs1501909 | T | G | 0.372 | 0.026 | 0.0036 | 8.875E-11 | ++++ |
| 5 | 158007165 | rs2914228 | T | C | 0.3265 | 0.024 | 0.0027 | 1.86E-19 | ++++ |
| 6 | 20506815 | rs12206516 | A | G | 0.8218 | 0.0154 | 0.0028 | 2.36E-08 | ++++ |
| 6 | 28793904 | rs3118359 | T | G | 0.0838 | -0.0378 | 0.0052 | 2.584E-13 | +--- |
| 6 | 36645696 | rs2395655 | A | G | 0.5474 | 0.0147 | 0.0021 | 6.92E-12 | ++++ |
| 6 | 43757896 | rs998584 | A | C | 0.4455 | 0.0431 | 0.0028 | 2.043E-54 | ++++ |
| 6 | 86662267 | rs12208493 | T | C | 0.707 | -0.0134 | 0.0023 | 4.01E-09 | ++++ |
| 6 | 127184987 | rs13198641 | A | T | 0.6356 | 0.0208 | 0.003 | 4.228E-12 | ++++ |
| 6 | 127436064 | rs1936800 | C | T | 0.487 | -0.024 | NA | 0.000000016 | ++++ |
| 6 | 127454893 | rs72959041 | G | A | 0.942 | -0.058 | NA | 3.5E-10 | +--- |
| 6 | 139837429 | rs573454216 | A | G | 0.5604 | -0.0262 | 0.0028 | 2.048E-21 | +--- |
| 6 | 160543148 | rs12208357 | C | T | 0.925 | -0.046 | NA | 8.9E-09 | +--- |
| 6 | 160848167 | rs2665357 | C | A | 0.5092 | 0.0212 | 0.0033 | 8.327E-10 | ++++ |
| 6 | 160964135 | rs41265930 | T | C | 0.9445 | -0.0488 | 0.0067 | 3.528E-13 | +--- |
| 6 | 164092291 | rs4709741 | A | C | 0.1249 | -0.022 | 0.004 | 2.76E-08 | ++++ |
| 7 | 12269417 | rs3173615 | C | G | 0.5296 | -0.0113 | 0.0019 | 6.51E-09 | ++++ |
| 7 | 15941283 | rs38246 | T | C | 0.2494 | 0.0164 | 0.0027 | 9.8E-10 | ++++ |
| 7 | 17817037 | rs2723509 | A | G | 0.4843 | 0.0163 | 0.0028 | 6.958E-09 | ++++ |
| 7 | 25935747 | rs73081656 | A | C | 0.3342 | -0.0186 | 0.0031 | 1.929E-09 | ++++ |
| 7 | 25939161 | rs2122823 | T | C | 0.2177 | 0.0241 | 0.004 | 8.61E-09 | ++++ |
| 7 | 25991826 | rs4722551 | T | C | 0.8298 | 0.0267 | 0.0044 | 1.583E-09 | ++++ |
| 7 | 25997536 | rs4719841 | G | A | 0.3826 | 0.0232 | 0.0034 | 8.864E-11 | ++++ |
| 7 | 44205906 | rs2971672 | A | C | 0.5854 | -0.0178 | 0.0028 | 2.549E-10 | ++++ |
| 7 | 72804412 | rs799303 | T | G | 0.872 | 0.0302 | 0.0048 | 3.815E-09 | ++++ |
| 7 | 72861849 | rs2237279 | C | T | 0.4776 | 0.0326 | 0.0035 | 2.567E-21 | ++++ |
| 7 | 73019074 | rs799158 | T | C | 0.05145 | 0.102 | 0.013 | 4.11E-14 | ++++ |
| 7 | 73025975 | rs13234131 | A | G | 0.8853 | 0.1275 | 0.0043 | 3.97E-191 | ++++ |
| 7 | 73060006 | rs799160 | T | C | 0.5211 | 0.0398 | 0.0036 | 5.459E-30 | ++++ |
| 7 | 73097654 | rs1128349 | C | T | 0.5528 | 0.0261 | 0.0036 | 8.996E-12 | ++++ |
| 7 | 93083588 | rs2299247 | T | G | 0.513 | 0.024 | NA | 0.00000002 | ++++ |
| 7 | 116358044 | rs38855 | A | G | 0.5264 | 0.0187 | 0.0033 | 2.109E-08 | ++++ |
| 7 | 130433384 | rs4731702 | C | T | 0.518 | 0.03 | NA | 2.4E-13 | ++++ |
| 7 | 130445981 | rs1364422 | T | C | 0.2731 | 0.0221 | 0.0037 | 9.265E-09 | ++++ |
| 7 | 150531275 | rs73165526 | T | C | 0.9169 | -0.0306 | 0.0051 | 2.055E-09 | +--- |
| 8 | 8363683 | rs2980755 | A | G | 0.5437 | 0.0209 | 0.0033 | 1.475E-10 | ++++ |
| 8 | 9183207 | rs17149760 | G | A | 0.7546 | 0.0216 | 0.0038 | 4.186E-08 | ++++ |
| 8 | 9669775 | rs10104807 | A | G | 0.6544 | 0.0212 | 0.0035 | 2.592E-08 | ++++ |
| 8 | 10491684 | rs4455790 | C | G | 0.283 | 0.033 | NA | 4.8E-11 | ++++ |
| 8 | 10643164 | rs9657541 | T | C | 0.1885 | 0.0305 | 0.0034 | 1.076E-19 | ++++ |
| 8 | 10710715 | rs12546026 | C | A | 0.4406 | 0.0213 | 0.0034 | 1.632E-10 | ++++ |
| 8 | 11433909 | rs2898290 | C | T | 0.5422 | 0.0215 | 0.0035 | 5.32E-09 | ++++ |
| 8 | 11616410 | rs1062219 | T | C | 0.4921 | 0.0223 | 0.0034 | 1.686E-09 | ++++ |
| 8 | 11702313 | rs709822 | C | G | 0.7117 | -0.0212 | 0.0029 | 4.603E-13 | ++++ |
| 8 | 18259876 | rs11780610 | T | C | 0.7089 | -0.0362 | 0.0029 | 1.766E-35 | ++++ |
| 8 | 19507270 | rs7001715 | G | T | 0.2111 | 0.0263 | 0.0043 | 1.95E-08 | ++++ |
| 8 | 19514934 | rs4628268 | T | C | 0.5224 | 0.0215 | 0.0033 | 1.641E-09 | ++++ |
| 8 | 19576448 | rs10085966 | C | T | 0.5409 | 0.03 | 0.0037 | 1.151E-13 | ++++ |
| 8 | 19605966 | rs12544497 | A | G | 0.8483 | 0.0339 | 0.0044 | 2.147E-12 | ++++ |
| 8 | 19621333 | rs17410086 | T | C | 0.90369 | 0.0326 | 0.0054 | 2.008E-09 | +--- |
| 8 | 19626120 | rs7837390 | C | T | 0.3931 | 0.0263 | 0.0034 | 2.283E-13 | ++++ |
| 8 | 19650333 | rs11204072 | T | C | 0.847 | 0.0379 | 0.0044 | 1.084E-16 | ++++ |
| 8 | 19709575 | rs4599828 | C | T | 0.533 | 0.0241 | 0.0034 | 1.59E-11 | ++++ |
| 8 | 19715236 | rs6586872 | G | A | 0.7441 | 0.0339 | 0.0038 | 4.086E-19 | ++++ |
| 8 | 19727047 | rs1441778 | T | C | 0.8549 | 0.0553 | 0.0078 | 6.77E-13 | ++++ |
| 8 | 19738260 | rs6586876 | G | A | 0.3865 | 0.0248 | 0.0034 | 7.522E-13 | ++++ |
| 8 | 19748603 | rs7844579 | C | T | 0.5264 | 0.0215 | 0.0034 | 2.998E-10 | ++++ |
| 8 | 19749390 | rs3898938 | C | T | 0.5607 | 0.0244 | 0.0034 | 1.219E-12 | ++++ |
| 8 | 19757300 | rs1441771 | C | T | 0.8364 | 0.0669 | 0.0043 | 1.605E-50 | ++++ |
| 8 | 19799641 | rs1534649 | G | T | 0.5515 | 0.028 | 0.0035 | 1.745E-15 | ++++ |
| 8 | 19811901 | rs255 | T | C | 0.8641 | 0.0962 | 0.0047 | 1.27E-91 | ++++ |
| 8 | 19815098 | rs283 | T | C | 0.2348 | 0.037 | 0.0044 | 1.704E-16 | ++++ |
| 8 | 19817997 | rs312 | G | C | 0.8799 | 0.0398 | 0.005 | 4.927E-17 | ++++ |
| 8 | 19824492 | rs13702 | T | C | 0.6873 | 0.1069 | 0.0037 | 6.56E-187 | ++++ |
| 8 | 19830170 | rs1569209 | T | G | 0.9206 | 0.2112 | 0.0053 | 1E-300 | +--+ |
| 8 | 19854773 | rs2410622 | T | C | 0.1438 | 0.0537 | 0.0051 | 1.203E-26 | ++++ |
| 8 | 19858330 | rs10108800 | T | C | 0.2361 | 0.0213 | 0.0038 | 1.138E-08 | ++++ |
| 8 | 19859120 | rs4490856 | T | C | 0.4208 | 0.0605 | 0.0034 | 1.64E-71 | ++++ |
| 8 | 19874153 | rs4922119 | C | T | 0.5501 | 0.0708 | 0.0034 | 1.67E-95 | ++++ |
| 8 | 19890654 | rs4557718 | C | T | 0.1266 | 0.0578 | 0.0059 | 3.264E-24 | +--- |
| 8 | 19891227 | rs28526159 | C | T | 0.317 | 0.058 | NA | 6E-39 | ++++ |
| 8 | 19928013 | rs6999158 | T | A | 0.708 | 0.085 | NA | 2.9E-79 | ++++ |
| 8 | 19942181 | rs13263508 | G | T | 0.4301 | 0.0517 | 0.0034 | 3.383E-48 | ++++ |
| 8 | 19968929 | rs16842 | C | T | 0.2533 | 0.0274 | 0.0037 | 6.325E-13 | ++++ |
| 8 | 22457804 | rs746011 | T | C | 0.3037 | 0.0173 | 0.0027 | 1.79E-10 | ++++ |
| 8 | 59392324 | rs9297994 | A | G | 0.6906 | -0.0227 | 0.003 | 8.074E-14 | ++++ |
| 8 | 72469742 | rs4738141 | A | G | 0.6374 | -0.0149 | 0.0025 | 1.32E-09 | ++++ |
| 8 | 118184783 | rs13266634 | T | C | 0.2822 | -0.0134 | 0.0021 | 9.56E-11 | ++++ |
| 8 | 126444788 | rs2980874 | G | A | 0.6253 | 0.034 | 0.0044 | 1.685E-12 | ++++ |
| 8 | 126449406 | rs17405319 | T | C | 0.1636 | 0.0387 | 0.0047 | 1.884E-16 | ++++ |
| 8 | 126452509 | rs72647352 | C | T | 0.1623 | 0.0445 | 0.0064 | 5.411E-11 | +--- |
| 8 | 126465305 | rs17730649 | A | C | 0.4024 | 0.0436 | 0.0034 | 3.774E-34 | ++++ |
| 8 | 126471577 | rs4871601 | G | A | 0.05541 | 0.059 | 0.0079 | 3.35E-14 | ++++ |
| 8 | 126474356 | rs2980884 | G | A | 0.3681 | 0.0539 | 0.0036 | 3.898E-46 | ++++ |
| 8 | 126490498 | rs58253018 | A | T | 0.3738 | 0.0984 | 0.0034 | 1.98E-182 | ++++ |
| 8 | 126500350 | rs8180991 | G | C | 0.2309 | 0.0317 | 0.004 | 6.818E-14 | ++++ |
| 8 | 126506694 | rs112875651 | G | A | 0.62 | 0.09 | NA | 2.5E-91 | ++++ |
| 8 | 126514676 | rs7012891 | C | T | 0.2296 | 0.0408 | 0.0039 | 9.204E-24 | ++++ |
| 8 | 126541659 | rs1809167 | G | A | 0.1095 | 0.0387 | 0.0055 | 1.077E-11 | ++++ |
| 8 | 126629328 | rs4871624 | G | T | 0.2652 | 0.0254 | 0.0037 | 1.07E-11 | ++++ |
| 9 | 33787871 | rs3843935 | T | C | 0.3916 | 0.0155 | 0.0024 | 5.54E-11 | ++++ |
| 9 | 86617265 | rs1982151 | A | G | 0.2953 | -0.0115 | 0.002 | 1.82E-08 | ++++ |
| 9 | 107664301 | rs1883025 | C | T | 0.738 | 0.028 | NA | 4.5E-09 | ++++ |
| 10 | 5254847 | rs1832007 | A | G | 0.8681 | 0.0327 | 0.0047 | 1.718E-12 | ++++ |
| 10 | 65203808 | rs3999089 | A | G | 0.513 | 0.039 | NA | 2E-20 | ++++ |
| 10 | 70346740 | rs2298117 | T | C | 0.4895 | 0.0111 | 0.0018 | 1.59E-09 | ++++ |
| 10 | 74703849 | rs12257692 | T | C | 0.799 | -0.0283 | 0.0047 | 1.261E-09 | ++++ |
| 10 | 94839642 | rs2068888 | A | G | 0.4268 | -0.0296 | 0.0027 | 2.73E-28 | ++++ |
| 10 | 103928374 | rs17779355 | A | G | 0.0578 | -0.0292 | 0.0046 | 2.97E-10 | +--- |
| 10 | 112097073 | rs963059 | T | C | 0.7967 | -0.0167 | 0.003 | 4.21E-08 | ++++ |
| 10 | 113921354 | rs2250802 | A | G | 0.6807 | 0.023 | 0.0037 | 1.21E-10 | ++++ |
| 10 | 134459388 | rs1133400 | A | G | 0.7981 | -0.0131 | 0.0023 | 2.24E-08 | ++++ |
| 11 | 27675712 | rs1519480 | T | C | 0.5941 | -0.016 | 0.0022 | 6.82E-13 | ++++ |
| 11 | 47286290 | rs7120118 | T | C | 0.6572 | 0.0275 | 0.0028 | 9.893E-23 | ++++ |
| 11 | 61548559 | rs509360 | G | A | 0.69 | 0.0433 | 0.0052 | 4.203E-17 | ++++ |
| 11 | 61552680 | rs174537 | T | G | 0.312 | 0.0617 | 0.0031 | 1.565E-86 | ++++ |
| 11 | 61603358 | rs2727271 | T | A | 0.1464 | 0.0498 | 0.0049 | 2.381E-21 | +--- |
| 11 | 61624414 | rs174602 | C | T | 0.2071 | 0.0289 | 0.0052 | 4.147E-08 | ++++ |
| 11 | 61647288 | rs7942717 | G | A | 0.09763 | 0.0393 | 0.0067 | 1.112E-08 | ++++ |
| 11 | 61656182 | rs174456 | C | A | 0.2665 | 0.0239 | 0.0038 | 1.026E-09 | ++++ |
| 11 | 65483370 | rs75601653 | C | G | 0.6799 | -0.0171 | 0.003 | 2.064E-08 | ++++ |
| 11 | 78099014 | rs10793310 | T | G | 0.8332 | 0.0193 | 0.0029 | 3.29E-11 | ++++ |
| 11 | 113296619 | rs1079596 | T | C | 0.1767 | 0.0141 | 0.0025 | 1.79E-08 | ++++ |
| 11 | 116496360 | rs1240658 | C | T | 0.1478 | 0.0346 | 0.0046 | 3.012E-12 | ++++ |
| 11 | 116514417 | rs10892004 | T | C | 0.1359 | 0.0557 | 0.0082 | 1.069E-11 | ++++ |
| 11 | 116521748 | rs3016352 | A | G | 0.5818 | 0.0343 | 0.005 | 5.767E-10 | ++++ |
| 11 | 116523931 | rs3017778 | T | C | 0.1135 | 0.116 | 0.0056 | 8.572E-87 | +--- |
| 11 | 116526322 | rs486394 | C | A | 0.2942 | 0.0665 | 0.0038 | 2.817E-60 | ++++ |
| 11 | 116529024 | rs7104343 | C | T | 0.8826 | 0.0431 | 0.0054 | 2.152E-15 | ++++ |
| 11 | 116529442 | rs11820504 | C | T | 0.2032 | 0.0604 | 0.0044 | 1.095E-39 | ++++ |
| 11 | 116532856 | rs1145189 | G | A | 0.7863 | 0.0466 | 0.0041 | 1.076E-25 | ++++ |
| 11 | 116535126 | rs2105610 | C | T | 0.1003 | 0.0486 | 0.0073 | 5.814E-09 | ++++ |
| 11 | 116571250 | rs1145195 | G | A | 0.5409 | 0.0469 | 0.0033 | 1.771E-41 | ++++ |
| 11 | 116584987 | rs4938303 | C | T | 0.2757 | 0.1071 | 0.0037 | 3.42E-166 | ++++ |
| 11 | 116586283 | rs7350481 | T | C | 0.0708 | 0.2272 | 0.0055 | 1E-300 | ++++ |
| 11 | 116598988 | rs180360 | A | G | 0.7401 | 0.0573 | 0.0038 | 1.083E-48 | ++++ |
| 11 | 116610294 | rs61905084 | T | C | 0.8351 | 0.0563 | 0.0059 | 2.548E-20 | ++++ |
| 11 | 116624703 | rs180326 | G | T | 0.3628 | 0.0839 | 0.0036 | 6.27E-108 | ++++ |
| 11 | 116635784 | rs2187126 | A | G | 0.94591 | 0.0543 | 0.0069 | 2.903E-15 | +--- |
| 11 | 116637146 | rs12294259 | T | C | 0.05937 | 0.219 | 0.0069 | 1.79E-200 | ++++ |
| 11 | 116677723 | rs1263167 | A | G | 0.8193 | 0.0423 | 0.0049 | 5.593E-17 | ++++ |
| 11 | 116691634 | rs5110 | A | C | 0.06464 | 0.156 | 0.0124 | 2.137E-34 | +--- |
| 11 | 116724232 | rs888246 | T | C | 0.08179 | 0.0707 | 0.0058 | 8.987E-31 | ++++ |
| 11 | 116730638 | rs6589574 | A | G | 0.1214 | 0.1283 | 0.0054 | 3.03E-113 | ++++ |
| 11 | 116734545 | rs11216164 | G | A | 0.6398 | 0.0335 | 0.0036 | 2.124E-17 | ++++ |
| 11 | 116896155 | rs10892063 | A | C | 0.3641 | 0.0608 | 0.0035 | 3.521E-61 | ++++ |
| 11 | 117118712 | rs7928525 | T | A | 0.2005 | 0.0345 | 0.0043 | 5.204E-14 | ++++ |
| 12 | 20474706 | rs79719909 | A | G | 0.797 | 0.042 | NA | 2.1E-16 | ++++ |
| 12 | 21331549 | rs4149056 | T | C | 0.8516 | -0.0335 | 0.0039 | 1.638E-17 | ++++ |
| 12 | 26453283 | rs718314 | A | G | 0.7408 | -0.0177 | 0.0023 | 8.57E-15 | ++++ |
| 12 | 46200396 | rs7316454 | T | G | 0.1789 | 0.019 | 0.0029 | 5.61E-11 | +--+ |
| 12 | 57844049 | rs3741414 | C | T | 0.774 | 0.043 | NA | 5.3E-18 | ++++ |
| 12 | 124475156 | rs7307277 | A | G | 0.655 | 0.038 | NA | 3.7E-18 | ++++ |
| 12 | 124505444 | rs863750 | C | T | 0.403 | -0.03 | NA | 1.6E-12 | ++++ |
| 12 | 125312425 | rs10846744 | C | G | 0.3084 | 0.0252 | 0.0033 | 2.663E-14 | ++++ |
| 13 | 95248566 | rs2298058 | T | C | 0.3135 | 0.0245 | 0.0026 | 2.55E-20 | ++++ |
| 13 | 114547372 | rs6602911 | T | C | 0.4294 | 0.0216 | 0.0028 | 9.993E-15 | ++++ |
| 14 | 65119839 | rs7148864 | A | G | 0.796 | 0.033 | NA | 2.7E-10 | ++++ |
| 14 | 104290813 | rs12893623 | A | G | 0.6853 | -0.0172 | 0.0029 | 2.509E-09 | ++++ |
| 15 | 39464167 | rs7176058 | A | G | 0.7559 | 0.0152 | 0.0027 | 1.21E-08 | ++++ |
| 15 | 41057507 | rs72735627 | T | C | 0.0672 | -0.0362 | 0.0066 | 3.759E-08 | +--- |
| 15 | 43237414 | rs62020698 | C | T | 0.91 | -0.045 | NA | 4.4E-10 | +--- |
| 15 | 44152817 | rs9989313 | T | C | 0.08047 | 0.0382 | 0.0063 | 2.211E-08 | ++++ |
| 15 | 44420900 | rs2555384 | T | G | 0.05673 | 0.0589 | 0.0079 | 5.383E-12 | ++++ |
| 15 | 58678512 | rs10468017 | T | C | 0.2757 | 0.0379 | 0.0039 | 7.559E-21 | ++++ |
| 15 | 58692715 | rs12906722 | T | C | 0.1847 | 0.0258 | 0.004 | 3.079E-11 | ++++ |
| 15 | 58710627 | rs11071380 | C | A | 0.5778 | 0.027 | 0.0037 | 8.583E-12 | ++++ |
| 15 | 58730498 | rs588136 | C | T | 0.2058 | 0.0495 | 0.0041 | 3.365E-30 | ++++ |
| 15 | 63396867 | rs2652834 | A | G | 0.2348 | 0.0247 | 0.0042 | 1.918E-08 | ++++ |
| 15 | 63795628 | rs11638671 | T | C | 0.6684 | -0.0272 | 0.003 | 1.04E-19 | ++++ |
| 15 | 66878900 | rs2245586 | A | G | 0.3175 | 0.0131 | 0.0022 | 4.73E-09 | ++++ |
| 15 | 73007893 | rs730180 | A | G | 0.7356 | 0.015 | 0.0025 | 2.87E-09 | ++++ |
| 15 | 101905533 | rs11247287 | T | C | 0.6649 | -0.0127 | 0.0023 | 2.72E-08 | ++++ |
| 16 | 15172118 | rs11644601 | T | C | 0.703 | 0.037 | NA | 8E-16 | ++++ |
| 16 | 31088347 | rs749671 | G | A | 0.6055 | 0.0211 | 0.0034 | 6.106E-10 | ++++ |
| 16 | 53826028 | rs28567725 | T | C | 0.6227 | -0.0211 | 0.0028 | 2.382E-14 | ++++ |
| 16 | 56985139 | rs9989419 | A | G | 0.405 | 0.0243 | 0.0035 | 1.052E-11 | ++++ |
| 16 | 56993211 | rs12708967 | C | T | 0.1966 | 0.0289 | 0.0046 | 1.697E-10 | ++++ |
| 16 | 56994894 | rs4783961 | G | A | 0.5145 | 0.0205 | 0.0035 | 1.285E-08 | ++++ |
| 16 | 56995236 | rs1800775 | C | A | 0.5198 | 0.0396 | 0.0035 | 1.332E-26 | ++++ |
| 16 | 56999258 | rs7203984 | C | A | 0.223 | 0.0386 | 0.0045 | 4.638E-17 | ++++ |
| 16 | 69862109 | rs2937124 | T | C | 0.3417 | -0.0202 | 0.0031 | 7.378E-11 | ++++ |
| 16 | 81533789 | rs56823429 | C | A | 0.283 | 0.032 | NA | 1.5E-10 | ++++ |
| 16 | 85707367 | rs871290 | C | G | 0.323 | 0.0139 | 0.0025 | 2.39E-08 | ++++ |
| 17 | 7537792 | rs727428 | T | C | 0.4508 | 0.0187 | 0.0028 | 1.237E-11 | ++++ |
| 17 | 17453067 | rs11656215 | T | C | 0.4756 | -0.0201 | 0.0028 | 7.566E-13 | ++++ |
| 17 | 41878166 | rs8077889 | C | A | 0.2441 | 0.0252 | 0.0042 | 9.879E-09 | ++++ |
| 17 | 58024324 | rs1051424 | A | G | 0.8238 | -0.015 | 0.0025 | 1.44E-09 | +--- |
| 17 | 65989961 | rs7502307 | C | G | 0.7958 | -0.0244 | 0.0034 | 1.595E-12 | ++++ |
| 17 | 74268619 | rs193220 | T | C | 0.2956 | -0.0189 | 0.003 | 3.068E-10 | ++++ |
| 17 | 76406170 | rs4969145 | T | C | 0.4022 | 0.023 | 0.0028 | 7.41E-17 | ++++ |
| 18 | 268992 | rs9948087 | A | C | 0.2461 | -0.0151 | 0.0028 | 4.58E-08 | ++++ |
| 18 | 19910184 | rs9963938 | C | G | 0.4413 | 0.0162 | 0.0028 | 7.819E-09 | ++++ |
| 18 | 21161134 | rs1788783 | T | C | 0.504 | -0.012 | 0.0021 | 9.58E-09 | ++++ |
| 18 | 60845884 | rs12454712 | T | C | 0.6503 | 0.0128 | 0.0023 | 2.03E-08 | ++++ |
| 19 | 4965064 | rs10853981 | A | G | 0.3705 | 0.015 | 0.0022 | 1.2E-11 | ++++ |
| 19 | 7205240 | rs10426094 | C | T | 0.7625 | 0.0241 | 0.004 | 8.468E-09 | ++++ |
| 19 | 7220013 | rs62112763 | C | G | 0.6009 | -0.0221 | 0.0029 | 3.274E-14 | ++++ |
| 19 | 8615589 | rs4804311 | A | G | 0.8905 | 0.0392 | 0.006 | 1.485E-09 | +++- |
| 19 | 19103986 | rs3810444 | T | A | 0.94459 | 0.0636 | 0.0076 | 1.571E-16 | +--- |
| 19 | 19267990 | rs7257072 | C | T | 0.5198 | 0.0186 | 0.0033 | 4.861E-08 | ++++ |
| 19 | 19407718 | rs10401969 | T | C | 0.92876 | 0.121 | 0.0065 | 9.702E-70 | ++++ |
| 19 | 19525792 | rs2965185 | T | C | 0.7256 | 0.0379 | 0.0037 | 1.646E-22 | ++++ |
| 19 | 19738554 | rs873870 | G | A | 0.4802 | 0.0217 | 0.0035 | 1.47E-08 | ++++ |
| 19 | 19795560 | rs7247433 | C | A | 0.5989 | 0.0226 | 0.0037 | 3.954E-08 | ++++ |
| 19 | 19819843 | rs17699261 | A | G | 0.94723 | 0.0775 | 0.0086 | 1.447E-16 | +--- |
| 19 | 19920967 | rs4808993 | C | A | 0.8166 | 0.0318 | 0.0053 | 1.395E-09 | ++++ |
| 19 | 33933453 | rs12460070 | A | T | 0.6562 | -0.0184 | 0.0029 | 1.587E-10 | ++++ |
| 19 | 35559787 | rs2018519 | T | C | 0.8433 | -0.0212 | 0.003 | 1.57E-12 | ++++ |
| 19 | 45247627 | rs4803750 | G | A | 0.05541 | 0.0423 | 0.007 | 9.521E-09 | ++++ |
| 19 | 45370838 | rs12610605 | G | A | 0.8549 | 0.0277 | 0.0044 | 4.42E-09 | ++++ |
| 19 | 45373276 | rs11879589 | G | A | 0.90501 | 0.0371 | 0.0058 | 3.839E-11 | ++++ |
| 19 | 45383037 | rs11673139 | A | T | 0.906 | 0.067 | NA | 4.4E-18 | ++++ |
| 19 | 45389174 | rs283813 | A | T | 0.06596 | 0.0826 | 0.0083 | 2.592E-18 | ++++ |
| 19 | 45395619 | rs2075650 | G | A | 0.1266 | 0.0436 | 0.0049 | 2.308E-21 | ++++ |
| 19 | 45404691 | rs405697 | G | A | 0.7269 | 0.0525 | 0.0048 | 8.951E-24 | ++++ |
| 19 | 45412079 | rs7412 | C | T | 0.916 | -0.09 | NA | 5.2E-31 | ++++ |
| 19 | 45414451 | rs439401 | C | T | 0.6201 | 0.0659 | 0.0038 | 1.423E-66 | ++++ |
| 19 | 45416741 | rs438811 | C | T | 0.762 | -0.091 | NA | 1.4E-69 | ++++ |
| 19 | 45432557 | rs7259004 | C | G | 0.09894 | 0.1 | 0.0089 | 8.96E-25 | ++++ |
| 19 | 45457180 | rs3760627 | C | T | 0.4683 | 0.0189 | 0.0034 | 5.293E-09 | ++++ |
| 19 | 49259529 | rs838133 | A | G | 0.4204 | 0.0231 | 0.0032 | 8.156E-13 | ++++ |
| 19 | 50016748 | rs59774409 | C | T | 0.904 | -0.043 | NA | 8.2E-09 | ++++ |
| 20 | 30211597 | rs6088793 | T | C | 0.7225 | 0.0162 | 0.0029 | 3.22E-08 | ++++ |
| 20 | 39118662 | rs6029143 | C | T | 0.94195 | 0.0388 | 0.0071 | 4.933E-08 | ++++ |
| 20 | 44538427 | rs378114 | C | T | 0.7612 | 0.0286 | 0.0038 | 7.499E-13 | ++++ |
| 20 | 44545048 | rs4810479 | C | T | 0.2876 | 0.0474 | 0.0038 | 2.067E-34 | ++++ |
| 20 | 44578674 | rs16990951 | T | A | 0.90106 | 0.0311 | 0.0052 | 3.753E-09 | ++++ |
| 20 | 44598670 | rs8123864 | C | T | 0.3443 | 0.028 | 0.0037 | 1.423E-14 | ++++ |
| 20 | 44623967 | rs1888235 | T | C | 0.1728 | 0.0325 | 0.0047 | 4.463E-12 | ++++ |
| 20 | 44640959 | rs3918256 | G | A | 0.4683 | 0.0218 | 0.0034 | 3.262E-10 | ++++ |
| 20 | 45597546 | rs6066141 | T | C | 0.7586 | 0.0297 | 0.0053 | 2.339E-08 | ++++ |
| 20 | 51012164 | rs1884507 | A | C | 0.8759 | 0.0248 | 0.0038 | 1.17E-10 | ++++ |
| 21 | 40465534 | rs2836878 | A | G | 0.256 | 0.0123 | 0.0021 | 7.96E-09 | ++++ |
| 22 | 38575498 | rs133027 | CT | C | 0.56 | 0.035 | NA | 1.8E-16 | -+++ |
| 23 | 37854327 | rs3859931 | T | C | 0.584 | -0.022 | NA | 9.4E-09 | ---- |
| 23 | 109716407 | rs5942937 | T | G | 0.597 | 0.039 | NA | 1.4E-26 | ---- |
| \* Indicates whether the SNP was present in each genetic study included in this analysis. (+) and (-) indicate the SNP is present or absent, respectively. The order of the studies is UK Biobank, GOCHA, ISGC ICH and GERFHS. | | | | | | | | | |