

eTable 9. Pleiotropic genomic loci Identified by FUMA using CPASSOC results

| Locus No. | Index SNP | CHR | POS | P value | START | STOP | nSNPs | nGWASSNPs | nIndSigSNPs | IndSigSNPs | nLeadSNPs | LeadSNPs | nearestGene | Functional | CADD | RDB |
|-----------|------------|-----|----------|----------|----------|----------|-------|-----------|-------------|---|-----------|--|---------------|----------------|--------|-----|
| 1 | rs3813201 | 1 | 1151232 | 4.83E-08 | 1123434 | 1186502 | 17 | 1 | 1 | rs3813201 | 1 | rs3813201 | SDF4 | intergenic | 1.444 | NA |
| 2 | rs616488 | 1 | 10566215 | 7.01E-09 | 10525914 | 10637709 | 63 | 1 | 1 | rs616488 | 1 | rs616488 | PEX14 | intronic | 1.685 | NA |
| 3 | rs1293202 | 1 | 25263997 | 2.19E-10 | 25197685 | 25263997 | 76 | 51 | 4 | rs1293202;rs10903112;rs6697340;rs4649037 | 1 | rs1293202 | RUNX3 | intronic | 0.943 | NA |
| 4 | rs1416685 | 1 | 51243374 | 8.62E-09 | 50839740 | 51480258 | 147 | 20 | 1 | rs1416685 | 1 | rs1416685 | FAF1 | intronic | 0.367 | 6 |
| 5 | rs71658797 | 1 | 77967507 | 6.13E-10 | 77967507 | 78450517 | 3 | 2 | 1 | rs71658797 | 1 | rs71658797 | AK5 | intronic | 10.960 | 5 |
| 6 | rs12084568 | 1 | 80800862 | 5.59E-09 | 80784642 | 80871734 | 251 | 76 | 1 | rs12084568 | 1 | rs12084568 | AL606519.1 | intergenic | 4.463 | 7 |
| 7 | rs12119849 | 1 | 96878072 | 8.53E-10 | 96621739 | 97028456 | 16 | 11 | 1 | rs12119849 | 1 | rs12119849 | UBE2WP1 | intergenic | 2.252 | 6 |
| 8 | rs6679677 | 1 | 1.14E+08 | 4.66E-08 | 1.14E+08 | 1.14E+08 | 2 | 1 | 1 | rs6679677 | 1 | rs6679677 | RSBN1 | downstream | 1.651 | 5 |
| 9 | rs12123821 | 1 | 1.52E+08 | 9.90E-15 | 1.52E+08 | 1.53E+08 | 11 | 10 | 2 | rs12123821;rs72702813 | 1 | rs12123821 | FLG-ASI;RP11- | ncRNA_intronic | 1.720 | 5 |
| 10 | rs1723016 | 1 | 1.67E+08 | 6.73E-15 | 1.67E+08 | 1.67E+08 | 40 | 36 | 4 | rs1723016;rs61810480;rs1723022;rs1080031 | 1 | rs1723016 | CD247 | intronic | 1.325 | 4 |
| 11 | rs7555082 | 1 | 1.99E+08 | 1.53E-14 | 1.99E+08 | 1.99E+08 | 78 | 24 | 3 | rs7555082;rs140015735;rs12563029 | 1 | rs7555082 | PTPRC | intergenic | 2.585 | 7 |
| 12 | rs10920569 | 1 | 2.03E+08 | 2.51E-13 | 2.03E+08 | 2.03E+08 | 52 | 43 | 1 | rs10920569 | 1 | rs10920569 | ADORA1 | intronic | 7.467 | 5 |
| 13 | rs10210006 | 2 | 8466486 | 1.31E-14 | 8438693 | 8496062 | 53 | 43 | 4 | rs10210006;rs750111;rs346835;rs3111414 | 1 | rs10210006 | LINC00299 | ncRNA_intronic | 2.754 | 5 |
| 14 | rs751310 | 2 | 15889419 | 6.88E-10 | 15889419 | 15890920 | 2 | 2 | 1 | rs751310 | 1 | rs751310 | AC008271.1 | intergenic | 0.404 | NA |
| 15 | rs6545977 | 2 | 63301164 | 6.80E-11 | 62903461 | 63913711 | 610 | 363 | 5 | rs6545977;rs149044563;rs12713491;rs6736411;rs4671448 | 1 | rs6545977 | RP11-511111.2 | intergenic | 3.630 | 7 |
| 16 | rs11679762 | 2 | 72038219 | 4.02E-09 | 72035671 | 72093666 | 42 | 29 | 1 | rs11679762 | 1 | rs11679762 | DYSF | intergenic | 0.057 | 6 |
| 17 | rs11691721 | 2 | 1.03E+08 | 5.59E-23 | 1.02E+08 | 1.03E+08 | 473 | 332 | 29 | rs7601576;rs74538397;rs12468203;rs11883987;rs3917265;rs3771200;rs17026782;rs3821205;rs17818291;rs4851541;rs951192;rs2302620;rs2287047;rs13020778;rs2302612;rs144641193;rs11691721;rs72627435;rs11465732;rs11465563;rs4851601;rs72825929;rs11692304;rs72825956;rs12994345;rs9308859;rs114301196;rs74263644;rs7588111 | 10 | rs7601576;rs11883987;rs951192;rs2302612;rs11691721;rs11465732;rs4851601;rs72825956;rs12994345;rs9308859;rs114301196;rs74263644 | AC007248.6 | intergenic | 1.832 | 7 |
| 18 | rs72837826 | 2 | 1.12E+08 | 6.42E-25 | 1.12E+08 | 1.12E+08 | 58 | 40 | 3 | rs72837826;rs11123421;rs68155163 | 1 | rs72837826 | BCL2L11 | intergenic | 1.585 | 6 |
| 19 | rs7596680 | 2 | 1.46E+08 | 2.26E-18 | 1.45E+08 | 1.46E+08 | 295 | 129 | 6 | rs28372104;rs1406225;rs6756883;rs10928228;rs7596680;rs16824949 | 2 | rs28372104;rs7596680 | RPL6P5 | intergenic | 0.305 | 7 |
| 20 | rs61597598 | 2 | 1.57E+08 | 9.20E-14 | 1.57E+08 | 1.57E+08 | 130 | 22 | 2 | rs61597598;rs17251686 | 2 | rs61597598;rs17251686 | AC073551.1 | intergenic | 0.002 | 6 |
| 21 | rs2135481 | 2 | 2.29E+08 | 3.84E-08 | 2.29E+08 | 2.29E+08 | 24 | 2 | 1 | rs2135481 | 1 | rs2135481 | CCL20 | intergenic | 2.271 | 6 |
| 22 | rs60946542 | 2 | 2.43E+08 | 7.90E-13 | 2.43E+08 | 2.43E+08 | 33 | 7 | 4 | rs60946542;rs62193068;rs35320439;rs73014070 | 3 | rs60946542;rs35320439;rs73014070 | D2HGDH | intronic | 0.009 | 7 |
| 23 | rs62242109 | 3 | 20636866 | 3.35E-10 | 20578543 | 20750951 | 88 | 22 | 3 | rs62242109;rs62234991;rs62242105 | 1 | rs62242109 | RNU6-815P | intergenic | 5.358 | 6 |
| 24 | rs9828592 | 3 | 33044339 | 2.68E-19 | 33015289 | 33084861 | 56 | 23 | 5 | rs9828592;rs6805766;rs4491851;rs6764245;rs9824218 | 1 | rs9828592 | GLB1 | intronic | 2.840 | 5 |
| 25 | rs1996664 | 3 | 49878395 | 1.31E-09 | 49109919 | 49890967 | 280 | 77 | 2 | rs1996664;rs7617480 | 1 | rs1996664 | TRAIP | intronic | 3.870 | 1f |
| 26 | rs9878602 | 3 | 71535338 | 3.37E-09 | 71498561 | 71611630 | 83 | 7 | 1 | rs9878602 | 1 | rs9878602 | FOXP1 | intronic | 13.700 | 5 |
| 27 | rs1374895 | 3 | 77615539 | 1.91E-09 | 77573433 | 77655818 | 103 | 76 | 1 | rs1374895 | 1 | rs1374895 | ROBO2 | intronic | 4.660 | NA |
| 28 | rs13062095 | 3 | 1.01E+08 | 1.83E-09 | 1.01E+08 | 1.01E+08 | 86 | 24 | 1 | rs13062095 | 1 | rs13062095 | TRMT10C | intergenic | 12.990 | 5 |
| 29 | rs62294337 | 3 | 1.69E+08 | 2.10E-10 | 1.69E+08 | 1.69E+08 | 85 | 30 | 3 | rs879394;rs61467551;rs62294337 | 2 | rs879394;rs62294337 | MECOM | intronic | 3.486 | 7 |
| 30 | rs7626218 | 3 | 1.77E+08 | 1.51E-09 | 1.77E+08 | 1.77E+08 | 13 | 1 | 1 | rs7626218 | 1 | rs7626218 | TBL1XR1 | intronic | 1.708 | 5 |
| 31 | rs9290877 | 3 | 1.88E+08 | 4.67E-15 | 1.88E+08 | 1.88E+08 | 241 | 98 | 7 | rs491087;rs79879183;rs2378416;rs9290877;rs6767553;rs56328339;rs11916786 | 4 | rs491087;rs79879183;rs2378416;rs9290877 | LPP | intronic | 7.173 | 6 |
| 32 | rs11185551 | 3 | 1.96E+08 | 1.54E-09 | 1.96E+08 | 1.96E+08 | 4 | 3 | 1 | rs11185551 | 1 | rs11185551 | NRROS:PIGX | intronic | 0.765 | 5 |
| 33 | rs34811474 | 4 | 25408838 | 2.00E-09 | 25342606 | 25408838 | 5 | 1 | 1 | rs34811474 | 1 | rs34811474 | ANAPC4 | exonic | 23.700 | 6 |
| 34 | rs4833095 | 4 | 38799710 | 3.72E-17 | 38731632 | 38906951 | 256 | 151 | 6 | rs4833095;rs55938245;rs4072590;rs11724689;rs10008492;rs28532329 | 1 | rs4833095 | TLR1 | exonic | 0.319 | 5 |

| | | | | | | | | | | | | | | | | |
|----|-------------|---|----------|----------|----------|----------|------|-----|----|---|----|---|---------------|------------|--------|----|
| 35 | rs35631117 | 4 | 67804304 | 4.12E-10 | 67801134 | 67906728 | 136 | 21 | 1 | rs35631117 | 1 | rs35631117 | RNU6-699P | intergenic | 8.507 | 7 |
| 36 | rs1246642 | 4 | 89864446 | 5.52E-11 | 89745856 | 90059434 | 136 | 46 | 4 | rs1246642;rs4416442;rs7691363;rs73842249 | 1 | rs1246642 | FAM13A | intronic | 0.137 | 7 |
| 37 | rs13135092 | 4 | 1.03E+08 | 3.70E-10 | 1.03E+08 | 1.03E+08 | 6 | 3 | 1 | rs13135092 | 1 | rs13135092 | SLC39A8 | intronic | 10.310 | 6 |
| 38 | rs34712979 | 4 | 1.07E+08 | 7.24E-20 | 1.07E+08 | 1.07E+08 | 285 | 28 | 5 | rs12374256;rs112819759;rs7664805;rs114723682;rs34712979 | 3 | rs12374256;rs112819759;rs34712979 | NPNT | intronic | 22.800 | 5 |
| 39 | rs56035021 | 4 | 1.23E+08 | 1.30E-18 | 1.23E+08 | 1.24E+08 | 560 | 401 | 7 | rs56035021;rs1127348;rs62324212;rs6534338;rs10011954;rs45613035;rs4438773 | 3 | rs56035021;rs45613035;rs4438773 | KIAA1109 | intergenic | 0.046 | 7 |
| 40 | rs809955 | 4 | 1.41E+08 | 6.60E-09 | 1.41E+08 | 1.41E+08 | 77 | 29 | 1 | rs809955 | 1 | rs809955 | MAML3 | intronic | 0.201 | NA |
| 41 | rs11940733 | 4 | 1.45E+08 | 1.46E-23 | 1.45E+08 | 1.46E+08 | 277 | 143 | 7 | rs11940733;rs11724319;rs2353397;rs4383570;rs56268708;rs1032295;rs62346060 | 1 | rs11940733 | KRT18P51 | intergenic | 20.600 | 7 |
| 42 | rs37004 | 5 | 1356684 | 9.57E-23 | 1276769 | 1364439 | 64 | 32 | 15 | rs7705526;rs2853677;rs33961405;rs10069690;rs7734992;rs2735946;rs2735944;rs2736109;rs2735948;rs410805;rs112401627;rs37004;rs6889886;rs56345976;rs4635969 | 4 | rs7705526;rs2735946;rs410805;rs37004 | RP11-325I22.2 | intergenic | 2.023 | NA |
| 43 | rs16903574 | 5 | 14610309 | 6.13E-14 | 14572453 | 14701003 | 5 | 1 | 1 | rs16903574 | 1 | rs16903574 | FAM105A | exonic | 22.600 | 5 |
| 44 | rs10075764 | 5 | 35841449 | 1.75E-13 | 35803577 | 35985395 | 58 | 35 | 2 | rs10075764;rs696734 | 1 | rs10075764 | IL7R | intergenic | 4.118 | 7 |
| 45 | rs2330552 | 5 | 44415578 | 3.19E-08 | 44406517 | 44565635 | 44 | 2 | 1 | rs2330552 | 1 | rs2330552 | FGF10-AS1 | intergenic | 1.164 | 6 |
| 46 | rs16872768 | 5 | 74982207 | 1.10E-09 | 74952861 | 75038901 | 101 | 16 | 2 | rs16872768;rs258494 | 1 | rs16872768 | POC5 | intronic | 3.730 | 5 |
| 47 | rs72784258 | 5 | 1.1E+08 | 1.75E-22 | 1.1E+08 | 1.11E+08 | 848 | 370 | 35 | rs7728912;rs72774831;rs72788433;rs4389724;rs75810954;rs62375554;rs10061842;rs17623337;rs10055177;rs458818;rs1037684;rs252709;rs10478038;rs28362033;rs12515905;rs2289278;rs150431495;rs17132862;rs10058509;rs138815026;rs17132983;rs149205188;rs72784258;rs10515419;rs654354;rs1457115;rs2546990;rs58743367;rs764917;rs17132825;rs10052548;rs10054191;rs75503445;rs76825937;rs2115026 | 10 | rs7728912;rs75810954;rs62375554;rs10061842;rs2289278;rs149205188;rs72784258;rs17132825;rs75503445;rs2115026 | WDR36 | intergenic | 0.947 | 7 |
| 48 | rs3813308 | 5 | 1.19E+08 | 4.10E-11 | 1.19E+08 | 1.19E+08 | 40 | 22 | 2 | rs3813308;rs1509142 | 1 | rs3813308 | TNFAIP8 | UTR5 | 10.670 | 2a |
| 49 | rs743564 | 5 | 1.31E+08 | 5.45E-23 | 1.3E+08 | 1.32E+08 | 1242 | 621 | 46 | rs7701967;rs1910030;rs971891;rs10077003;rs7731020;rs4836522;rs743564;rs152049;rs157577;rs4705852;rs157573;rs2667736;rs156109;rs272863;rs274555;rs2073644;rs11242110;rs72795177;rs2548992;rs13164856;rs2243302;rs11746729;rs34914000;rs247001;rs3916443;rs10071051;rs77450473;rs145721969;rs2405522;rs17622517;rs2548994;rs12187537;rs75765453;rs56877785;rs2069757;rs2243297;rs116018601;rs17772583;rs11242120;rs1295683;rs1859138;rs3798129;rs809125;rs803140;rs809123;rs2277066 | 9 | rs7701967;rs743564;rs10071051;rs17622517;rs72583;rs1295683;rs809125 | CSF2 | intronic | 3.144 | 5 |
| 50 | rs4976269 | 5 | 1.34E+08 | 1.71E-08 | 1.34E+08 | 1.34E+08 | 22 | 14 | 1 | rs4976269 | 1 | rs4976269 | C5orf66 | intronic | 4.737 | 4 |
| 51 | rs249681 | 5 | 1.42E+08 | 1.40E-17 | 1.41E+08 | 1.42E+08 | 194 | 137 | 8 | rs164081;rs249681;rs3764;rs13153792;rs12654522;rs13187922;rs891986;rs62381978 | 2 | rs164081;rs249681 | NDFIP1 | intergenic | 1.339 | 6 |
| 52 | rs7730971 | 5 | 1.48E+08 | 6.73E-10 | 1.48E+08 | 1.48E+08 | 38 | 15 | 2 | rs7730971;rs11742110 | 1 | rs7730971 | FBXO38 | intronic | 11.640 | 7 |
| 53 | rs145315307 | 5 | 1.69E+08 | 8.14E-10 | 1.69E+08 | 1.69E+08 | 1 | 1 | 1 | rs145315307 | 1 | rs145315307 | RNU6-477P | intergenic | 2.639 | 7 |
| 54 | rs67111717 | 5 | 1.77E+08 | 8.08E-09 | 1.77E+08 | 1.77E+08 | 84 | 17 | 4 | rs67111717;rs3812036;rs12187932;rs623972 | 1 | rs67111717 | RGS14 | intronic | 4.998 | 2b |
| 55 | rs1998323 | 6 | 7546404 | 1.83E-08 | 7546404 | 7553121 | 5 | 1 | 1 | rs1998323 | 1 | rs1998323 | DSP | intronic | 2.897 | 3a |
| 56 | rs3817836 | 6 | 16596594 | 2.43E-08 | 16588294 | 16601081 | 22 | 6 | 1 | rs3817836 | 1 | rs3817836 | ATXN1 | intronic | 2.405 | 7 |
| 57 | rs9350191 | 6 | 19842661 | 2.40E-09 | 19837774 | 19844117 | 6 | 2 | 1 | rs9350191 | 1 | rs9350191 | ID4 | intergenic | 12.570 | 3a |
| 58 | rs34661125 | 6 | 28281894 | 3.76E-11 | 25450026 | 29558364 | 1127 | 236 | 8 | rs13191445;rs3999544;rs2893843;rs806794;rs56114371;rs34661125;rs150254595;rs114383434 | 5 | rs13191445;rs3999544;rs56114371;rs34661125;rs114383434 | RP5-874C20.6 | intergenic | 2.072 | 7 |

| | | | | | | | | | | | | | | | | |
|----|-------------|---|----------|----------|----------|----------|-----|-----|----|---|----|---|-------------------|--------------|--------|----|
| 59 | rs6916141 | 6 | 43107744 | 2.40E-08 | 43107744 | 43244714 | 47 | 6 | 2 | rs6916141;rs2756184 | 2 | rs6916141;rs2756184 | PTK7 | intronic | 1.112 | 6 |
| 60 | rs13213141 | 6 | 64295122 | 2.90E-08 | 64139255 | 64491200 | 58 | 1 | 1 | rs13213141 | 1 | rs13213141 | PTP4A1 | intergenic | 2.179 | 5 |
| 61 | rs12212737 | 6 | 90838675 | 1.45E-22 | 90808352 | 91026990 | 201 | 103 | 11 | rs12212737;rs2474618;rs2501714;rs62408223;rs11755527;rs6908626;rs9782224;rs10806429;rs207253;rs207265;rs72928026 | 2 | rs12212737;rs72928026 | BACH2 | intronic | 3.109 | 7 |
| 62 | rs77791277 | 6 | 1.07E+08 | 2.54E-09 | 1.07E+08 | 1.07E+08 | 47 | 24 | 1 | rs77791277 | 1 | rs77791277 | ATG5 | intronic | 0.158 | 6 |
| 63 | rs55743914 | 6 | 1.28E+08 | 4.92E-09 | 1.28E+08 | 1.28E+08 | 16 | 5 | 1 | rs55743914 | 1 | rs55743914 | PTPRK | intronic | 9.244 | 4 |
| 64 | rs7759971 | 6 | 1.36E+08 | 3.01E-10 | 1.36E+08 | 1.36E+08 | 155 | 41 | 2 | rs7759971;rs6914831 | 1 | rs7759971 | AHI1 | intronic | 0.254 | 1f |
| 65 | rs75424836 | 6 | 1.38E+08 | 4.00E-11 | 1.38E+08 | 1.38E+08 | 43 | 30 | 4 | rs75424836;rs17781283;rs77990078;rs15069 | 1 | rs75424836 | TNFAIP3 | intergenic | 11.600 | 7 |
| 66 | rs12199781 | 6 | 1.55E+08 | 4.46E-08 | 1.55E+08 | 1.55E+08 | 90 | 1 | 1 | rs12199781 | 1 | rs12199781 | TIAM2 | intronic | 0.103 | 7 |
| 67 | rs3824074 | 7 | 966926 | 1.47E-09 | 957722 | 968469 | 9 | 4 | 2 | rs3824074;rs13231160 | 1 | rs3824074 | ADAP1;COX1 | intronic | 0.722 | 4 |
| 68 | rs6461503 | 7 | 20560996 | 1.04E-15 | 20372191 | 20636508 | 363 | 240 | 10 | rs13232403;rs17365306;rs10486391;rs6461503;rs16872573;rs35621564;rs10241550;rs6955157;rs11978564;rs13223048 | 2 | rs13232403;rs6461503 | EEF1A1P27 | intergenic | 0.668 | 7 |
| 69 | rs62449498 | 7 | 22778528 | 6.69E-11 | 22719409 | 22811384 | 109 | 61 | 6 | rs62449498;rs68072554;rs35140375;rs2056577;rs2069840;rs2069845 | 1 | rs62449498 | IL6 | intergenic | 10.420 | 6 |
| 70 | rs864745 | 7 | 28180556 | 1.88E-13 | 28142088 | 28256240 | 25 | 17 | 2 | rs864745;rs849336 | 1 | rs864745 | JAZF1 | intronic | 0.121 | NA |
| 71 | rs6963345 | 7 | 99618606 | 2.54E-12 | 99557217 | 99765662 | 75 | 20 | 3 | rs6963345;rs72615159;rs6465759 | 1 | rs6963345 | ZKSCAN1 | intronic | 3.375 | 5 |
| 72 | rs114947103 | 7 | 1.06E+08 | 4.33E-10 | 1.06E+08 | 1.06E+08 | 24 | 6 | 1 | rs114947103 | 1 | rs114947103 | CDHR3 | intronic | 0.159 | 5 |
| 73 | rs147678978 | 7 | 1.17E+08 | 2.45E-21 | 1.17E+08 | 1.17E+08 | 45 | 30 | 5 | rs147678978;rs112477657;rs111811152;rs113827944;rs73480763 | 2 | rs147678978;rs73480763 | AC006326.3 | intergenic | 5.336 | 2b |
| 74 | rs3757387 | 7 | 1.29E+08 | 2.00E-09 | 1.29E+08 | 1.29E+08 | 58 | 9 | 2 | rs3757387;rs13238352 | 1 | rs3757387 | IRF5 | intergenic | 1.106 | NA |
| 75 | rs6990504 | 8 | 8205816 | 1.10E-08 | 8168474 | 8306241 | 46 | 20 | 2 | rs6990504;rs2921080 | 1 | rs6990504 | SGK223 | intronic | 2.127 | 7 |
| 76 | rs11783247 | 8 | 10788875 | 1.58E-08 | 10606219 | 11450422 | 134 | 5 | 1 | rs11783247 | 1 | rs11783247 | XKR6 | intronic | 2.201 | 7 |
| 77 | rs56223946 | 8 | 27413986 | 2.53E-09 | 27319847 | 27442127 | 23 | 6 | 4 | rs35505579;rs56223946;rs4732724;rs7844965 | 2 | rs35505579;rs56223946 | GULOP | intergenic | 1.227 | 6 |
| 78 | rs13267098 | 8 | 71811886 | 7.23E-12 | 71464551 | 72014069 | 787 | 516 | 4 | rs13267098;rs3110259;rs1159724;rs1324827 | 1 | rs13267098 | XKR9 | intergenic | 3.690 | 5 |
| 79 | rs13272530 | 8 | 74560448 | 1.33E-08 | 74502909 | 74642586 | 21 | 5 | 1 | rs13272530 | 1 | rs13272530 | STAU2 | intronic | 8.499 | 7 |
| 80 | rs2167733 | 8 | 78110734 | 1.20E-08 | 78093837 | 78257162 | 81 | 43 | 1 | rs2167733 | 1 | rs2167733 | AC105242.1 | intergenic | 2.749 | NA |
| 81 | rs4739737 | 8 | 81289625 | 5.83E-23 | 81091521 | 81329123 | 305 | 138 | 7 | rs4739737;rs7000782;rs7814542;rs5292402;rs998731;rs12708110;rs13277346 | 1 | rs4739737 | RP11-775E10.1 | intergenic | 5.651 | 4 |
| 82 | rs72668903 | 8 | 1.09E+08 | 6.31E-10 | 1.09E+08 | 1.1E+08 | 363 | 42 | 3 | rs72668903;rs72682295;rs2121904 | 1 | rs72668903 | EIF3E | intergenic | 1.358 | 7 |
| 83 | rs13277355 | 8 | 1.29E+08 | 1.03E-08 | 1.29E+08 | 1.29E+08 | 5 | 1 | 1 | rs13277355 | 1 | rs13277355 | MYC | intergenic | 3.894 | 5 |
| 84 | rs60842789 | 9 | 6387076 | 2.70E-23 | 5530017 | 6648728 | 550 | 149 | 32 | rs10815241;rs7047575;rs10217579;rs2066415;rs2066413;rs2093656;rs10815286;rs12379291;rs143293684;rs79535452;rs148642300;rs191605295;rs4742151;rs380580;rs9407324;rs10975357;rs62556405;rs62556407;rs434521;rs55645596;rs77632918;rs7048482;rs112574168;rs10975660;rs60842789;rs10739105;rs928393;rs16924144;rs993951;rs2228098;rs1929933;rs2890723 | 12 | rs10815241;rs7047575;rs143293684;rs191605295;rs4742151;rs434521;rs77632918;rs7048482;rs60842789;rs2228098;rs1929933;rs2890723 | UHRF2 | intergenic | 0.462 | 7 |
| 85 | rs10976923 | 9 | 8291665 | 9.41E-09 | 8278669 | 8361957 | 69 | 7 | 1 | rs10976923 | 1 | rs10976923 | PTPRD | intergenic | 4.047 | 5 |
| 86 | rs3808868 | 9 | 34654142 | 4.84E-08 | 34581819 | 34698396 | 51 | 1 | 1 | rs3808868 | 1 | rs3808868 | GALT;IL11RA | intronic | 5.099 | NA |
| 87 | rs7853472 | 9 | 1.27E+08 | 3.06E-10 | 1.27E+08 | 1.27E+08 | 129 | 41 | 3 | rs7853472;rs13298654;rs2026192 | 1 | rs7853472 | NEK6 | intronic | 1.142 | 5 |
| 88 | rs10118570 | 9 | 1.28E+08 | 4.49E-12 | 1.28E+08 | 1.29E+08 | 383 | 112 | 3 | rs10118570;rs2111365;rs13297140 | 1 | rs10118570 | MAPKAP1 | intergenic | 2.030 | 7 |
| 89 | rs3025343 | 9 | 1.36E+08 | 4.78E-09 | 1.36E+08 | 1.36E+08 | 16 | 12 | 1 | rs3025343 | 1 | rs3025343 | LL09NC01-254D11.1 | ncRNA_exonic | 3.854 | 5 |

| | | | | | | | | | | | | | | | | |
|-----|------------|----|----------|----------|----------|----------|-----|-----|----|---|---|---|----------------|------------|-------|----|
| 90 | rs1444783 | 10 | 9057956 | 1.80E-26 | 8095340 | 9585398 | 872 | 403 | 52 | rs3781094;rs12785018;rs4749764;rs10795637;rs34839516;rs7894791;rs2025758;rs1577218;rs10795672;rs72780903;rs17414748;rs11255975;rs12261421;rs11255983;rs10905491;rs72782675;rs290904;rs827640;rs11255992;rs2120793;rs827637;rs10795685;rs11256003;rs11256002;rs11256006;rs17406680;rs78084308;rs827631;rs118077070;rs77000868;rs17485264;rs79926952;rs1444783;rs1031161;rs1342773;rs1149914;rs2397336;rs1705333;rs61840207;rs3118110;rs76775848;rs10490944;rs1243402;rs74127604;rs72782686;rs17145188;rs117746614;rs1143870;rs35205105;rs10508398;rs4749860;rs11256208 | 19 | rs3781094;rs12785018;rs34839516;rs2025758;rs72780903;rs11255975;rs827640;rs2120793;rs11256003;rs11256006;rs118077070;rs77000868;rs17485264;rs79926952;rs1444783;rs1031161;rs4783;rs61840207;rs76775848;rs10490944;rs1143870;rs35205105;rs398;rs4749860;rs11256208 | RP11-428L9.2 | intergenic | 1.566 | NA |
| 91 | rs4691 | 10 | 75561916 | 4.13E-08 | 75431981 | 75695724 | 99 | 1 | 1 | rs4691 | rs4691 | RP11-574K11.31:NDST2 | UTR3 | 0.459 | NA | |
| 92 | rs7918084 | 10 | 94429467 | 6.14E-09 | 94248310 | 94495241 | 73 | 15 | 1 | rs7918084 | rs7918084 | EIF2S2P3 | ncRNA_exonic | 4.484 | 5 | |
| 93 | rs2148200 | 10 | 1.05E+08 | 1.78E-09 | 1.05E+08 | 1.05E+08 | 332 | 162 | 2 | rs2148200;rs3736922 | rs2148200 | NT5C2 | intronic | 0.247 | NA | |
| 94 | rs72846303 | 11 | 1133795 | 1.11E-21 | 1079746 | 1780061 | 479 | 229 | 34 | rs41359951;rs113948005;rs7934606;rs7396585;rs12365253;rs34666042;rs35671223;rs7127117;rs72846303;rs11603634;rs139052365;rs12280230;rs11602802;rs2672794;rs7120886;rs56293203;rs2857472;rs3793965;rs908225;rs66496921;rs4963074;rs10832369;rs7944761;rs4963065;rs72849408;rs11023856;rs7394747;rs4881748;rs61867617;rs55771420;rs72849433;rs11602061;rs74760554;rs117666717 | 11 | rs41359951;rs7934606;rs72846303;rs2672794;rs56293203;rs2857472;rs4963065;rs72849408;rs11023856;rs7394747;rs4881748;rs61867617;rs55771420;rs72849433;rs11602061;rs74760554;rs117666717 | MUC5AC | intergenic | 0.325 | 5 |
| 95 | rs2049045 | 11 | 27694241 | 1.05E-08 | 27581265 | 27742447 | 49 | 15 | 1 | rs2049045 | rs2049045 | BDNF-AS:BDNF | ncRNA_intronic | 5.212 | 5 | |
| 96 | rs174537 | 11 | 61552680 | 1.33E-13 | 61542006 | 61659296 | 130 | 59 | 6 | rs174537;rs174573;rs174604;rs174622;rs174460;rs7943728 | rs174537 | MYRF:TMEM258 | intronic | 0.323 | 5 | |
| 97 | rs2276133 | 11 | 65562257 | 2.54E-10 | 65547333 | 65562257 | 6 | 3 | 2 | rs2276133;rs479844 | rs2276133 | OVOL1 | intronic | 1.133 | NA | |
| 98 | rs2509735 | 11 | 76273148 | 5.94E-23 | 75983514 | 76381814 | 226 | 89 | 16 | rs55684690;rs12221507;rs4945084;rs59382353;rs72934321;rs141420268;rs11236810;rs76282174;rs60748394;rs2509735;rs6592650;rs11236787;rs61894512;rs11236795;rs12283565;rs117051189 | rs55684690;rs60748394;rs2509735;rs11236795;rs12283565;rs117051189 | C11orf30 | intergenic | 1.044 | 6 | |
| 99 | rs11018488 | 11 | 88861590 | 8.86E-10 | 88480235 | 88978545 | 154 | 17 | 2 | rs11018488;rs11018434 | rs11018488 | AP001482.1 | intergenic | 0.150 | 6 | |
| 100 | rs61907683 | 11 | 1.28E+08 | 7.55E-13 | 1.28E+08 | 1.28E+08 | 39 | 25 | 3 | rs61907683;rs73018941;rs7127307 | rs61907683 | RP11-702B10.1 | intergenic | 3.748 | 7 | |
| 101 | rs7953330 | 12 | 998819 | 1.07E-10 | 998819 | 1066834 | 18 | 4 | 2 | rs7953330;rs3748522 | rs7953330 | WNK1 | intronic | 0.112 | 6 | |
| 102 | rs12308157 | 12 | 39421767 | 4.19E-09 | 39421767 | 39440421 | 2 | 1 | 1 | rs12308157 | rs12308157 | RP11-554L12.2 | intergenic | 2.158 | 7 | |
| 103 | rs2544026 | 12 | 48186563 | 4.24E-10 | 48184793 | 48225742 | 37 | 26 | 4 | rs2544026;rs11168249;rs7487637;rs2525041 | rs2544026 | HDAC7 | intronic | 1.818 | 5 | |
| 104 | rs61938963 | 12 | 56446804 | 7.78E-17 | 56358712 | 56482180 | 62 | 46 | 3 | rs61938963;rs7312770;rs2069408 | rs61938963 | RPS26 | intergenic | 3.187 | 7 | |
| 105 | rs167769 | 12 | 57503775 | 1.97E-23 | 57242217 | 57535266 | 240 | 155 | 18 | rs11172055;rs4319546;rs4759042;rs703817;rs4759044;rs7314652;rs11172026;rs11172086;rs61937568;rs35140931;rs17547610;rs61937853;rs844469;rs10506346;rs11172076;rs167769;rs11172111;rs4257011 | rs11172055;rs11172086;rs167769 | STAT6 | UTR5 | 7.855 | 5 | |
| 106 | rs11174501 | 12 | 62871862 | 2.19E-08 | 62658228 | 63055729 | 46 | 2 | 1 | rs11174501 | rs11174501 | MON2 | intronic | 1.588 | 7 | |

| | | | | | | | | | | | | | | | | |
|-----|------------|----|----------|----------|----------|----------|-----|-----|----|--|---|--|---------------------|----------------|--------|----|
| 107 | rs10878269 | 12 | 65791463 | 3.72E-15 | 65761089 | 65891257 | 142 | 116 | 3 | rs10878269;rs6581639;rs73119451 | 1 | rs10878269 | MSRB3 | intronic | 0.699 | 6 |
| 108 | rs10732654 | 12 | 94562420 | 1.14E-09 | 94544545 | 94615120 | 57 | 28 | 4 | rs10732654;rs7961712;rs11107457;rs7953000 | 2 | rs10732654;rs7953000 | PLXNC1:RP11-74K11.2 | ncRNA_intronic | 5.533 | 4 |
| 109 | rs12817892 | 12 | 1.24E+08 | 2.53E-10 | 1.23E+08 | 1.24E+08 | 418 | 254 | 2 | rs12817892;rs73216931 | 1 | rs12817892 | C12orf65 | intronic | 0.982 | 1f |
| 110 | rs11571833 | 13 | 32972626 | 6.65E-15 | 32866927 | 33239130 | 9 | 3 | 1 | rs11571833 | 1 | rs11571833 | BRCA2 | exonic | 36.000 | 6 |
| 111 | rs8002731 | 13 | 40362229 | 1.28E-10 | 40233181 | 40746149 | 139 | 61 | 3 | rs8002731;rs9549003;rs12429765 | 3 | rs8002731;rs9549003;rs12429765 | COG6 | intronic | 5.477 | 3a |
| 112 | rs592333 | 13 | 51340315 | 1.93E-17 | 50753772 | 51356435 | 61 | 38 | 5 | rs806292;rs2066623;rs2740518;rs592333;rs73186318 | 3 | rs806292;rs592333;rs73186318 | DLEU7 | intronic | 13.470 | NA |
| 113 | rs9527725 | 13 | 58459146 | 1.96E-09 | 58252801 | 58717504 | 197 | 67 | 1 | rs9527725 | 1 | rs9527725 | RNA5SP30 | intergenic | 1.450 | 7 |
| 114 | rs981625 | 13 | 74039935 | 9.01E-10 | 74039935 | 74039935 | 1 | 1 | 1 | rs981625 | 1 | rs981625 | LINC00393 | ncRNA_intronic | 20.700 | 4 |
| 115 | rs7139522 | 13 | 99975661 | 5.66E-23 | 99769973 | 1E+08 | 392 | 196 | 19 | rs7139522;rs9513600;rs7335046;rs4772194;rs4319612;rs4771332;rs7987173;rs912128;rs9585056;rs11616509;rs4772201;rs9513616;rs17656442;rs9517738;rs1887703;rs9517683;rs9517713;rs9557170;rs150786584 | 2 | rs7139522;rs9517713 | UBAC2 | intronic | 6.097 | 3a |
| 116 | rs3784099 | 14 | 68749927 | 6.98E-19 | 68727506 | 68815513 | 135 | 107 | 3 | rs3784099;rs7140939;rs4902567 | 1 | rs3784099 | RAD51B | intronic | 14.860 | 3a |
| 117 | rs2887887 | 14 | 79502019 | 2.27E-08 | 79453862 | 79614043 | 201 | 3 | 1 | rs2887887 | 1 | rs2887887 | NRXN3 | intronic | 0.273 | 7 |
| 118 | rs72699866 | 14 | 93114787 | 2.51E-09 | 93010967 | 93118229 | 58 | 31 | 2 | rs10131571;rs72699866 | 2 | rs10131571;rs72699866 | RIN3 | intronic | 1.590 | 5 |
| 119 | rs28929474 | 14 | 94844947 | 4.89E-14 | 94672731 | 94844947 | 5 | 3 | 2 | rs28929474;rs112458284 | 1 | rs28929474 | SERPINA1 | exonic | 20.200 | NA |
| 120 | rs2614488 | 14 | 99751588 | 3.77E-12 | 99733954 | 99751588 | 14 | 11 | 2 | rs2614488;rs2664299 | 1 | rs2614488 | BCL11B | intergenic | 0.005 | 7 |
| 121 | rs41286560 | 14 | 1.01E+08 | 2.77E-08 | 1.01E+08 | 1.01E+08 | 1 | 1 | 1 | rs41286560 | 1 | rs41286560 | RTL1 | exonic | 14.440 | 5 |
| 122 | rs59424629 | 15 | 40720542 | 9.27E-11 | 40655873 | 40729400 | 47 | 23 | 2 | rs59424629;rs4924464 | 1 | rs59424629 | IVD | intronic | 1.601 | 3a |
| 123 | rs67487456 | 15 | 50006577 | 2.95E-10 | 49285001 | 50007261 | 255 | 68 | 4 | rs11639111;rs77468143;rs9920722;rs67487456 | 2 | rs11639111;rs67487456 | RP11-353B9.1 | intergenic | 0.801 | 7 |
| 124 | rs10519067 | 15 | 61068347 | 1.94E-22 | 61032054 | 61079377 | 48 | 42 | 3 | rs10519067;rs1963497;rs11071553 | 1 | rs10519067 | RORA | intronic | 2.915 | 5 |
| 125 | rs72743459 | 15 | 67439023 | 1.86E-21 | 67307227 | 67661784 | 249 | 162 | 15 | rs35200241;rs12592283;rs11856909;rs72743459;rs28360855;rs117009032;rs11637659;rs56336520;rs10152595;rs7173826;rs12595533;rs11639295;rs35251008;rs1470002;rs893475 | 7 | rs35200241;rs12592283;rs11856909;rs72743459;rs11637659;rs56336520;rs10152595 | SMAD3:RP11-342M21.2 | intronic | 0.125 | 4 |
| 126 | rs71405231 | 15 | 77212403 | 1.49E-08 | 76473955 | 77256130 | 444 | 3 | 2 | rs71405231;rs2056544 | 1 | rs71405231 | RCN2 | intergenic | 0.499 | 5 |
| 127 | rs12594247 | 15 | 78946633 | 5.36E-23 | 78714008 | 79215568 | 880 | 482 | 29 | rs12591557;rs2067808;rs36045869;rs1021070;rs11072802;rs4390557;rs56219480;rs2229961;rs117189732;rs76474922;rs12324203;rs12594247;rs143527274;rs12593207;rs899997;rs3861180;rs62012628;rs12901971;rs4887101;rs12907535;rs10851911;rs12907065;rs77719127;rs6495338;rs7403155;rs28694044;rs4341710;rs28408315;rs2277540 | 6 | rs12591557;rs56219480;rs2229961;rs76474922;rs12594247;rs4887101 | CHRN4 | intronic | 2.901 | 5 |
| 128 | rs4360908 | 15 | 85109718 | 3.77E-08 | 84703470 | 85190780 | 231 | 1 | 1 | rs4360908 | 1 | rs4360908 | UBE2Q2P1 | ncRNA_intronic | 0.852 | 6 |
| 129 | rs34972832 | 16 | 11198938 | 7.50E-23 | 11031741 | 11324571 | 214 | 64 | 11 | rs34972832;rs139337054;rs9923175;rs767019;rs248831;rs1990572;rs10451095;rs9888873;rs3862469;rs62023562;rs152304 | 3 | rs34972832;rs62023562;rs152304 | CLEC16A | intronic | 16.200 | 2a |
| 130 | rs4787951 | 16 | 27343963 | 2.41E-21 | 27217239 | 27429642 | 255 | 118 | 19 | rs11074852;rs2283563;rs9940480;rs7192633;rs7201783;rs71388090;rs4787951;rs3024590;rs1029489;rs8050048;rs3024655;rs2234900;rs77315098;rs140049631;rs4787957;rs3024634;rs1988004;rs179768;rs12596049 | 5 | rs11074852;rs4787951;rs3024655;rs1988004;rs179768 | IL4R | intronic | 3.997 | 5 |
| 131 | rs2199036 | 16 | 31006972 | 5.57E-17 | 30097630 | 31155458 | 344 | 168 | 8 | rs7542;rs12929754;rs56369689;rs2199036;rs34898535;rs60996860;rs80095680;rs124436 | 2 | rs7542;rs2199036 | STX1B | intronic | 0.585 | 7 |
| 132 | rs9940278 | 16 | 53800200 | 2.56E-13 | 53797908 | 53845487 | 116 | 94 | 1 | rs9940278 | 1 | rs9940278 | FTO | intronic | 0.187 | 6 |

| | | | | | | | | | | | | | | | | |
|---|-------------|----|----------|----------|----------|----------|------|-----|----|--|---|---|-----------------------|----------------|--------|----|
| 133 | rs28451004 | 16 | 75518129 | 2.57E-08 | 75303987 | 75518129 | 102 | 1 | 1 | rs28451004 | 1 | rs28451004 | RP11-77K12.4:CHST | ncRNA_intronic | 3.986 | 5 |
| 134 | rs7210932 | 17 | 2272024 | 4.34E-08 | 2253441 | 2272024 | 42 | 1 | 1 | rs7210932 | 1 | rs7210932 | SGSM2 | intronic | 8.803 | 2b |
| 135 | rs9912001 | 17 | 7445372 | 4.83E-08 | 7437958 | 7538785 | 16 | 2 | 1 | rs9912001 | 1 | rs9912001 | Y_RNA | intergenic | 4.617 | 7 |
| 136 | rs178830 | 17 | 16081958 | 9.73E-11 | 15868291 | 16251016 | 458 | 242 | 2 | rs178830;rs8073259 | 1 | rs178830 | NCOR1 | intronic | 0.389 | NA |
| 137 | rs56301252 | 17 | 38109155 | 1.70E-24 | 37390863 | 38577416 | 823 | 402 | 27 | rs4795385;rs11078916;rs3794712;rs116846837;rs117504211;rs145835664;rs146459536;rs143669790;rs62068169;rs62066853;rs190577398;rs4795402;rs3764354;rs56301252;rs9898547;rs4795414;rs12451644;rs12601929;rs7217240;rs72832993;rs12450388;rs2269457;rs117827273;rs2071427;rs75905358;rs190471737;rs4247366 | 9 | rs4795385;rs116846837;rs146459536;rs4795402;rs56301252;rs72832993;rs12450388;rs2071427;rs75905358 | LRRC3C | intergenic | 4.302 | 2b |
| 138 | rs150592114 | 17 | 44333331 | 1.08E-14 | 43208121 | 44874453 | 3938 | 334 | 8 | rs1044977;rs708563;rs4247364;rs150592114;rs199500;rs199497;rs17689966;rs9899833 | 3 | rs1044977;rs4247364;rs150592114 | RP11-259G18.3 | intergenic | 3.040 | 6 |
| 139 | rs34822124 | 17 | 46648679 | 6.15E-09 | 45805811 | 46687752 | 191 | 15 | 4 | rs72833417;rs12603115;rs34822124;rs7350950 | 3 | rs72833417;rs12603115;rs34822124 | HOXB3:HOXB-AS3 | ncRNA_intronic | 2.744 | 2b |
| 140 | rs2671654 | 17 | 47468011 | 6.93E-24 | 47260130 | 47481374 | 218 | 153 | 8 | rs2671654;rs4987082;rs55978930;rs669686;rs1010322;rs112792621;rs2411981;rs3507364 | 1 | rs2671654 | RP11-81K2.1 | intronic | 13.920 | 4 |
| 141 | rs180107 | 17 | 67930772 | 7.55E-10 | 67881015 | 67963779 | 99 | 8 | 1 | rs180107 | 1 | rs180107 | AC002539.2 | intergenic | 0.164 | 6 |
| 142 | rs7504262 | 18 | 35160143 | 9.66E-12 | 35127427 | 35204858 | 51 | 35 | 1 | rs7504262 | 1 | rs7504262 | CELF4 | intergenic | 0.188 | 6 |
| 143 | rs11665567 | 18 | 77563334 | 4.72E-08 | 77551586 | 77580712 | 13 | 1 | 1 | rs11665567 | 1 | rs11665567 | RP11- | ncRNA_intronic | 0.143 | 5 |
| 144 | rs67538026 | 19 | 1031438 | 1.54E-08 | 1004740 | 1031658 | 15 | 3 | 2 | rs67538026;rs2240157 | 1 | rs67538026 | CNN2 | intronic | 7.362 | 2b |
| 145 | rs12971302 | 19 | 6595460 | 2.55E-08 | 6580892 | 6597962 | 16 | 2 | 2 | rs12971302;rs11085182 | 1 | rs12971302 | CD70 | intronic | 0.425 | 6 |
| 146 | rs10416530 | 19 | 9129660 | 1.39E-11 | 9125547 | 9141159 | 17 | 12 | 2 | rs10416530;rs34872811 | 1 | rs10416530 | CTD- | upstream | 0.667 | 7 |
| 147 | rs8108822 | 19 | 32183171 | 2.27E-08 | 32167803 | 32215431 | 68 | 15 | 1 | rs8108822 | 1 | rs8108822 | RNA5SP471 | intergenic | 0.007 | 6 |
| 148 | rs11672303 | 19 | 33726375 | 9.36E-21 | 33718053 | 33753320 | 27 | 23 | 5 | rs11672303;rs11671925;rs7251615;rs12150887;rs7248385 | 2 | rs11672303;rs7251615 | SLC7A10 | intergenic | 0.334 | 2b |
| 149 | rs56113850 | 19 | 41353107 | 3.50E-18 | 41336950 | 41370338 | 29 | 10 | 3 | rs56113850;rs11667314;rs8192733 | 1 | rs56113850 | CTC-490E21.12:CY P2A6 | intronic | 1.127 | 5 |
| 150 | rs429358 | 19 | 45411941 | 5.04E-10 | 45392254 | 45424351 | 14 | 1 | 1 | rs429358 | 1 | rs429358 | APOE | exonic | 12.640 | 5 |
| 151 | rs11671524 | 19 | 46327166 | 3.28E-09 | 46219145 | 46374916 | 53 | 12 | 2 | rs11671524;rs1132645 | 1 | rs11671524 | SYMPK | intronic | 8.085 | 4 |
| 152 | rs11697152 | 20 | 21467208 | 7.88E-09 | 21380772 | 21478776 | 36 | 4 | 1 | rs11697152 | 1 | rs11697152 | RP5-984P4.1 | intergenic | 0.159 | 7 |
| 153 | rs1737890 | 20 | 31042595 | 1.71E-08 | 30854756 | 31042595 | 57 | 2 | 1 | rs1737890 | 1 | rs1737890 | C20orf112 | intronic | 0.363 | 5 |
| 154 | rs6011779 | 20 | 61984317 | 1.06E-16 | 61979224 | 62470104 | 240 | 111 | 11 | rs6011779;rs2273506;rs11697662;rs6011776;rs148583745;rs909334;rs1291210;rs1056441;rs2281926;rs2738774;rs6090007 | 4 | rs6011779;rs148583745;rs909334;rs6090007 | CHRNA4 | intronic | 0.694 | 5 |
| 155 | rs2205049 | 21 | 36695909 | 3.90E-14 | 36421331 | 36745167 | 80 | 50 | 3 | rs17227210;rs2205049;rs13048344 | 2 | rs17227210;rs2205049 | RUNX1 | intronic | 4.831 | NA |
| 156 | rs79005 | 22 | 41835544 | 3.61E-14 | 41408754 | 42216326 | 748 | 461 | 3 | rs79005;rs8139770;rs1969666 | 1 | rs79005 | TOB2 | intronic | 2.399 | 7 |
| Locus No., the numerical order of pleiotropic genomic risk locus;PP,posterior probability;RP,Regional probability;CHR, chromosome; BP, base pair; CADD, Combined Annotation-Dependent depletion scores; RDB, RegulomeDB scores. | | | | | | | | | | | | | | | | |