**Supplementary Table 4**: variants showing suggestive level of association (p<5e-06) with TRD vs. response (**A**), symptom improvement in TRD and responders (**B**) and TRD vs. response and non-response (**C**) in the meta-analysis of the three analysed samples. Heterogeneity across studies was measured using Cochran’s Q statistic and I² statistic. Chr=chromosome; BP=position in base pairs (GRCh37); Geno=Imputed (imp) or genotyped (geno) variant; A1=minor allele; MAF=minor allele frequency; dist=distance from the nearest gene; CADD=CADD score, a measure that correlates with allelic diversity, annotations of functionality, pathogenicity, disease severity, experimentally measured regulatory effects and complex trait associations (Kircher et al.. 2014); RDB= RegulomeDB score which is a categorical score (from 1a to 7), 1a is the highest score for SNPs with the most biological evidence to be a regulatory element; Common Chr State=the most common 15-core chromatin state across 127 tissue/cell types; Min ChrState=the minimum 15-core chromatin state across 127 tissue/cell type.

**A**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| rsID | Chr | BP | A1 | P fixed | P random | OR fixed | OR random | Q | I2 | MAF | Nearest Gene | dist | func | CADD | RDB | Min Chr State | Common Chr State |
| rs886266 | 19 | 58121782 | G | 3.50E-06 | 7.10E-05 | 1.44 | 1.44 | 0.30 | 17.66 | 0.22 | ZNF530 | 0 | intronic | 1.20 | 6 | 5 | 5 |
| rs10918445 | 1 | 166347827 | A | 3.85E-06 | 8.99E-06 | 0.66 | 0.66 | 0.35 | 4.35 | 0.16 | RP11-479J7.1 | 9137 | intergenic | 2.28 | 5 | 5 | 15 |
| rs12460048 | 19 | 58041703 | C | 4.65E-06 | 3.87E-05 | 0.72 | 0.73 | 0.32 | 13.32 | 0.48 | ZNF549 | 0 | intronic | 1.96 | 1f | 4 | 5 |
| rs1859070 | 19 | 58041415 | C | 4.81E-06 | 3.77E-05 | 0.72 | 0.73 | 0.32 | 12.98 | 0.48 | ZNF549 | 0 | intronic | 4.69 | 6 | 4 | 5 |
| rs56305552 | 1 | 204067482 | G | 4.91E-06 | 0.0011 | 0.72 | 0.69 | 0.12 | 52.33 | 0.49 | SOX13 | 0 | intronic | 0.46 | 6 | 5 | 5 |
| rs75528495 | 3 | 134591292 | T | 4.98E-06 | 4.98E-06 | 0.27 | 0.27 | 0.65 | 0.00 | 0.01 | EPHB1 | 0 | intronic | 21.00 | 7 | 5 | 15 |

**B**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| rsID | CHR | BP | A1 | P | P random | BETA | BETA random | Q | I2 | MAF | nearestGene | dist | func | CADD | RDB | Min  ChrState | Common  ChrState |
| rs12160925 | 22 | 26536010 | C | 9.14E-08 | 4.55E-03 | -0.52 | -0.52 | 0.04 | 69.82 | 0.03 | CTA-796E4.3 | 21789 | intergenic | 1.94 | 6 | 5 | 14 |
| rs12160621 | 22 | 26536088 | A | 9.14E-08 | 4.55E-03 | -0.52 | -0.52 | 0.04 | 69.82 | 0.03 | CTA-796E4.3 | 21711 | intergenic | 2.93 | 7 | 5 | 14 |
| rs8099805 | 18 | 13356750 | C | 1.95E-07 | 1.50E-02 | -0.64 | -0.62 | 0.02 | 73.18 | 0.01 | LDLRAD4 | 0 | intronic | 1.36 | 5 | 5 | 15 |
| rs8086741 | 18 | 13357229 | C | 1.95E-07 | 1.50E-02 | -0.64 | -0.62 | 0.02 | 73.18 | 0.01 | LDLRAD4 | 0 | intronic | 1.09 | 6 | 5 | 15 |
| rs6004948 | 22 | 26553464 | T | 2.56E-07 | 2.37E-03 | -0.48 | -0.49 | 0.07 | 63.20 | 0.03 | CTA-796E4.3 | 4335 | intergenic | 0.55 | 7 | 5 | 14 |
| rs10860592 | 12 | 78948534 | T | 4.87E-07 | 1.39E-03 | -0.18 | -0.17 | 0.13 | 51.66 | 0.19 | RP11-171L9.1 | 14078 | intergenic | 0.78 | 7 | 9 | 15 |
| rs2126687 | 3 | 178359416 | T | 5.25E-07 | 1.88E-03 | -0.15 | -0.14 | 0.13 | 51.88 | 0.38 | KCNMB2: RP11-385J1.2 | 0 | ncRNA  intronic | 3.01 | NA | 7 | 15 |
| rs6443554 | 3 | 178360298 | C | 5.25E-07 | 1.88E-03 | -0.15 | -0.14 | 0.13 | 51.88 | 0.38 | KCNMB2: RP11-385J1.2 | 0 | ncRNA  intronic | 2.25 | 7 | 5 | 15 |
| rs11110452 | 12 | 78972302 | G | 5.60E-07 | 5.60E-07 | -0.17 | -0.17 | 0.57 | 0.00 | 0.25 | RP11-171L9.1 | 37846 | intergenic | 3.68 | 6 | 14 | 15 |
| rs1382045 | 3 | 178355624 | C | 6.35E-07 | 1.11E-03 | -0.15 | -0.14 | 0.15 | 47.17 | 0.38 | KCNMB2: RP11-385J1.2 | 0 | ncRNA  intronic | 1.72 | NA | 5 | 15 |
| rs1382044 | 3 | 178355720 | T | 6.35E-07 | 1.11E-03 | -0.15 | -0.14 | 0.15 | 47.17 | 0.38 | KCNMB2: RP11-385J1.2 | 0 | ncRNA  intronic | 4.86 | NA | 5 | 15 |
| rs2902434 | 3 | 178356096 | A | 7.67E-07 | 1.35E-03 | -0.15 | -0.14 | 0.15 | 48.05 | 0.38 | KCNMB2: RP11-385J1.2 | 0 | ncRNA  intronic | 1.13 | 7 | 5 | 15 |
| rs1382043 | 3 | 178356420 | A | 7.67E-07 | 1.35E-03 | -0.15 | -0.14 | 0.15 | 48.05 | 0.38 | KCNMB2: RP11-385J1.2 | 0 | ncRNA  intronic | 2.29 | NA | 5 | 15 |
| rs11110435 | 12 | 78966086 | A | 7.82E-07 | 7.82E-07 | -0.16 | -0.16 | 0.60 | 0.00 | 0.25 | RP11-171L9.1 | 31630 | intergenic | 1.99 | 5 | 7 | 15 |
| rs11110503 | 12 | 78979124 | C | 7.94E-07 | 7.94E-07 | -0.16 | -0.16 | 0.60 | 0.00 | 0.25 | RP11-171L9.1 | 44668 | intergenic | 6.23 | 4 | 9 | 15 |
| rs141641934 | 11 | 11473498 | C | 8.21E-07 | 8.21E-07 | -0.52 | -0.52 | 0.78 | 0.00 | 0.014 | GALNT18 | 0 | intronic | 5.88 | 2b | NA | NA |
| rs13064922 | 3 | 178340684 | G | 8.25E-07 | 7.19E-04 | -0.15 | -0.14 | 0.17 | 42.93 | 0.38 | KCNMB2: RP11-385J1.2 | 0 | ncRNA  intronic | 6.83 | 5 | 5 | 15 |
| rs9874283 | 3 | 178355106 | C | 8.25E-07 | 1.31E-03 | -0.15 | -0.14 | 0.15 | 47.62 | 0.38 | KCNMB2: RP11-385J1.2 | 0 | ncRNA  intronic | 2.69 | 7 | 5 | 15 |
| rs1477768 | 3 | 178344589 | A | 8.43E-07 | 7.29E-04 | -0.15 | -0.14 | 0.17 | 42.95 | 0.38 | KCNMB2: RP11-385J1.2 | 0 | ncRNA  intronic | 4.06 | 7 | 5 | 15 |
| rs1477786 | 3 | 178352389 | A | 9.28E-07 | 7.74E-04 | -0.15 | -0.14 | 0.17 | 43.08 | 0.38 | KCNMB2: RP11-385J1.2 | 0 | ncRNA  intronic | 1.68 | NA | 5 | 15 |
| rs144693124 | 20 | 388918 | C | 9.58E-07 | 9.58E-07 | 0.33 | 0.33 | 0.89 | 0.00 | 0.06 | RBCK1 | 0 | UTR5 | 10.91 | 2a | 1 | 1 |
| rs10506787 | 12 | 78959427 | G | 9.98E-07 | 9.98E-07 | -0.16 | -0.16 | 0.46 | 0.00 | 0.25 | RP11-171L9.1 | 24971 | intergenic | 1.39 | 7 | 5 | 15 |
| rs12371969 | 12 | 78934816 | A | 1.10E-06 | 1.10E-06 | -0.16 | -0.16 | 0.41 | 0.00 | 0.25 | RP11-171L9.1 | 360 | upstream | 1.80 | 6 | 14 | 15 |
| rs2054399 | 3 | 178341582 | G | 1.10E-06 | 8.61E-04 | -0.15 | -0.14 | 0.17 | 43.33 | 0.38 | KCNMB2: RP11-385J1.2 | 0 | ncRNA  intronic | 3.68 | 4 | 5 | 15 |
| rs13077058 | 3 | 178342740 | G | 1.10E-06 | 8.61E-04 | -0.15 | -0.14 | 0.17 | 43.33 | 0.38 | KCNMB2: RP11-385J1.2 | 0 | ncRNA  intronic | 0.29 | 5 | 5 | 15 |
| rs2035177 | 3 | 178347402 | T | 1.10E-06 | 8.61E-04 | -0.15 | -0.14 | 0.17 | 43.33 | 0.38 | KCNMB2: RP11-385J1.2 | 0 | ncRNA  intronic | 3.83 | NA | 9 | 15 |
| rs55656413 | 12 | 78955250 | G | 1.18E-06 | 1.18E-06 | -0.16 | -0.16 | 0.45 | 0.00 | 0.25 | RP11-171L9.1 | 20794 | intergenic | 3.92 | 6 | 5 | 15 |
| rs17175418 | 12 | 78955350 | A | 1.18E-06 | 1.18E-06 | -0.16 | -0.16 | 0.45 | 0.00 | 0.25 | RP11-171L9.1 | 20894 | intergenic | NA | 7 | 5 | 15 |
| rs7613009 | 3 | 178349078 | T | 1.20E-06 | 9.16E-04 | -0.15 | -0.14 | 0.17 | 43.49 | 0.38 | KCNMB2: RP11-385J1.2 | 0 | ncRNA  intronic | 5.68 | 6 | 5 | 15 |
| rs7619083 | 3 | 178351020 | T | 1.20E-06 | 9.16E-04 | -0.15 | -0.14 | 0.17 | 43.49 | 0.38 | KCNMB2: RP11-385J1.2 | 0 | ncRNA  intronic | 1.56 | 7 | 5 | 15 |
| rs11110343 | 12 | 78938735 | A | 1.34E-06 | 1.34E-06 | -0.16 | -0.16 | 0.43 | 0.00 | 0.25 | RP11-171L9.1 | 4279 | intergenic | 2.71 | 7 | 14 | 15 |
| rs73140530 | 12 | 78944468 | C | 1.44E-06 | 1.44E-06 | -0.16 | -0.16 | 0.44 | 0.00 | 0.25 | RP11-171L9.1 | 10012 | intergenic | 8.51 | 6 | 14 | 15 |
| rs149233695 | 2 | 44839083 | T | 1.75E-06 | 8.44E-04 | -0.43 | -0.42 | 0.21 | 35.20 | 0.02 | CAMKMT | 0 | intronic | 8.01 | 7 | 5 | 15 |
| rs55991223 | 3 | 155090616 | T | 2.20E-06 | 3.39E-04 | -0.20 | -0.19 | 0.24 | 30.33 | 0.13 | PLCH1 | 2752 | intergenic | 0.95 | 5 | 5 | 15 |
| rs7243011 | 18 | 1610953 | T | 2.29E-06 | 2.29E-06 | -0.24 | -0.24 | 0.89 | 0.00 | 0.10 | RP11-476K15.1 | 0 | ncRNA  intronic | 0.31 | 6 | 5 | 15 |
| rs73585947 | 6 | 125711976 | T | 2.56E-06 | 2.56E-06 | 0.25 | 0.25 | 0.66 | 0.00 | 0.08 | RP11-735G4.1 | 16505 | intergenic | 1.14 | 7 | 5 | 15 |
| rs10860616 | 12 | 78968575 | G | 2.62E-06 | 2.62E-06 | -0.15 | -0.15 | 0.47 | 0.00 | 0.29 | RP11-171L9.1 | 34119 | intergenic | 1.24 | 7 | 7 | 15 |
| rs76135203 | 6 | 125707324 | G | 2.65E-06 | 2.65E-06 | 0.25 | 0.25 | 0.65 | 0.00 | 0.08 | RP11-735G4.1 | 11853 | intergenic | 0.08 | 6 | 5 | 15 |
| rs6902753 | 6 | 125707916 | T | 2.65E-06 | 2.65E-06 | 0.25 | 0.25 | 0.65 | 0.00 | 0.08 | RP11-735G4.1 | 12445 | intergenic | 2.70 | 7 | 5 | 15 |
| rs6902926 | 6 | 125707975 | T | 2.65E-06 | 2.65E-06 | 0.25 | 0.25 | 0.65 | 0.00 | 0.08 | RP11-735G4.1 | 12504 | intergenic | 2.62 | 7 | 5 | 15 |
| rs112944669 | 6 | 125708177 | G | 2.65E-06 | 2.65E-06 | 0.25 | 0.25 | 0.65 | 0.00 | 0.08 | RP11-735G4.1 | 12706 | intergenic | 9.32 | 7 | 5 | 15 |
| rs11834414 | 12 | 78994416 | G | 2.69E-06 | 2.69E-06 | -0.16 | -0.16 | 0.88 | 0.00 | 0.21 | RP11-171L9.1 | 59960 | intergenic | 4.00 | 5 | 14 | 15 |
| rs73585949 | 6 | 125712386 | G | 2.75E-06 | 2.75E-06 | 0.25 | 0.25 | 0.67 | 0.00 | 0.08 | RP11-735G4.1 | 16915 | intergenic | 4.13 | 5 | 5 | 15 |
| rs73585950 | 6 | 125712455 | G | 2.75E-06 | 2.75E-06 | 0.25 | 0.25 | 0.67 | 0.00 | 0.08 | RP11-735G4.1 | 16984 | intergenic | 3.39 | 5 | 5 | 15 |
| rs6569422 | 6 | 125699831 | A | 2.94E-06 | 2.94E-06 | 0.25 | 0.25 | 0.69 | 0.00 | 0.08 | RP11-735G4.1 | 4360 | intergenic | 12.04 | 5 | 5 | 15 |
| rs7775321 | 6 | 125701709 | T | 2.94E-06 | 2.94E-06 | 0.25 | 0.25 | 0.69 | 0.00 | 0.08 | RP11-735G4.1 | 6238 | intergenic | 2.22 | 5 | 5 | 15 |
| rs79043534 | 6 | 125707145 | T | 2.98E-06 | 2.98E-06 | 0.25 | 0.25 | 0.64 | 0.00 | 0.08 | RP11-735G4.1 | 11674 | intergenic | 0.79 | 6 | 5 | 15 |
| rs112093877 | 14 | 34484082 | C | 3.00E-06 | 3.00E-06 | 0.44 | 0.44 | 0.61 | 0.00 | 0.04 | EGLN3 | 0 | intronic | 0.50 | 5 | 2 | 15 |
| rs10872660 | 6 | 150637359 | T | 3.06E-06 | 3.58E-04 | -0.17 | -0.18 | 0.17 | 43.99 | 0.20 | RNU4-7P | 10399 | intergenic | 0.84 | 6 | 5 | 15 |
| rs80182957 | 10 | 85366604 | A | 3.14E-06 | 1.42E-02 | -0.57 | -0.61 | 0.02 | 75.27 | 0.03 | RP11-344L13.2 | 65557 | intergenic | 1.98 | 6 | 5 | 15 |
| rs17254690 | 12 | 78989780 | A | 3.15E-06 | 3.15E-06 | -0.16 | -0.16 | 0.87 | 0.00 | 0.21 | RP11-171L9.1 | 55324 | intergenic | 6.61 | 7 | 14 | 15 |
| rs17254816 | 12 | 78992140 | T | 3.15E-06 | 3.15E-06 | -0.16 | -0.16 | 0.87 | 0.00 | 0.21 | RP11-171L9.1 | 57684 | intergenic | 2.29 | 7 | 14 | 15 |
| rs73585946 | 6 | 125706889 | G | 3.22E-06 | 3.22E-06 | 0.25 | 0.25 | 0.63 | 0.00 | 0.08 | RP11-735G4.1 | 11418 | intergenic | 13.35 | 6 | 5 | 15 |
| rs117330006 | 7 | 90296015 | T | 3.25E-06 | 2.10E-05 | -0.50 | -0.51 | 0.31 | 15.42 | 0.03 | CDK14 | 0 | intronic | 12.22 | 7 | 5 | 15 |
| rs1357096 | 12 | 78958896 | A | 3.45E-06 | 4.74E-05 | -0.15 | -0.15 | 0.30 | 17.98 | 0.25 | RP11-171L9.1 | 24440 | intergenic | NA | NA | 5 | 15 |
| rs58919908 | 6 | 125695869 | T | 3.51E-06 | 3.51E-06 | 0.25 | 0.25 | 0.68 | 0.00 | 0.08 | RP11-735G4.1 | 398 | upstream | 1.00 | 7 | 5 | 15 |
| rs59050393 | 6 | 125696051 | C | 3.51E-06 | 3.51E-06 | 0.25 | 0.25 | 0.68 | 0.00 | 0.08 | RP11-735G4.1 | 580 | upstream | 1.03 | 7 | 5 | 15 |
| rs6910343 | 6 | 125696624 | G | 3.51E-06 | 3.51E-06 | 0.25 | 0.25 | 0.68 | 0.00 | 0.08 | RP11-735G4.1 | 1153 | intergenic | 3.15 | 6 | 5 | 15 |
| rs56226457 | 6 | 125702373 | A | 3.51E-06 | 3.51E-06 | 0.25 | 0.25 | 0.68 | 0.00 | 0.08 | RP11-735G4.1 | 6902 | intergenic | 1.81 | 7 | 5 | 15 |
| rs17053096 | 6 | 125694555 | G | 3.60E-06 | 3.60E-06 | 0.25 | 0.25 | 0.65 | 0.00 | 0.08 | RP11-735G4.1 | 0 | ncRNA  exonic | 1.61 | 7 | 5 | 15 |
| rs60028154 | 6 | 125694646 | G | 3.60E-06 | 3.60E-06 | 0.25 | 0.25 | 0.65 | 0.00 | 0.08 | RP11-735G4.1 | 0 | ncRNA  intronic | 1.50 | 6 | 5 | 15 |
| rs1796128 | 12 | 78960512 | T | 3.72E-06 | 1.63E-05 | -0.15 | -0.15 | 0.33 | 9.90 | 0.25 | RP11-171L9.1 | 26056 | intergenic | 1.30 | NA | 7 | 15 |
| rs1717332 | 12 | 78960659 | G | 3.72E-06 | 1.63E-05 | -0.15 | -0.15 | 0.33 | 9.90 | 0.25 | RP11-171L9.1 | 26203 | intergenic | 1.65 | 5 | 7 | 15 |
| rs76858354 | 1 | 119867022 | C | 4.05E-06 | 4.05E-06 | -0.57 | -0.57 | 0.82 | 0.00 | 0.02 | RP11-418J17.3 | 0 | ncRNA  intronic | 0.94 | 4 | 2 | 15 |
| rs6933853 | 6 | 125704168 | A | 4.07E-06 | 4.07E-06 | 0.25 | 0.25 | 0.66 | 0.00 | 0.08 | RP11-735G4.1 | 8697 | intergenic | 3.28 | 6 | 5 | 15 |
| rs8091192 | 18 | 1616045 | G | 4.13E-06 | 4.13E-06 | -0.23 | -0.23 | 0.85 | 0.00 | 0.09 | RP11-476K15.1 | 0 | ncRNA  intronic | 3.84 | 6 | 5 | 15 |
| rs2881026 | 18 | 1616425 | G | 4.13E-06 | 4.13E-06 | -0.23 | -0.23 | 0.85 | 0.00 | 0.09 | RP11-476K15.1 | 0 | ncRNA  intronic | 4.90 | 6 | 5 | 15 |
| rs77472828 | 13 | 51729797 | C | 4.23E-06 | 4.23E-06 | -0.20 | -0.20 | 0.93 | 0.00 | 0.13 | LINC00371 | 0 | ncRNA  intronic | 1.08 | 6 | 5 | 15 |
| rs11034800 | 11 | 38519196 | G | 4.25E-06 | 4.25E-06 | -0.25 | -0.25 | 0.47 | 0.00 | 0.08 | RP11-63D14.1 | 1348 | intergenic | 8.31 | 7 | 9 | 15 |
| rs11034801 | 11 | 38519452 | T | 4.25E-06 | 4.25E-06 | -0.25 | -0.25 | 0.47 | 0.00 | 0.08 | RP11-63D14.1 | 1092 | intergenic | 2.06 | 7 | 15 | 15 |
| rs6569423 | 6 | 125703842 | T | 4.41E-06 | 4.41E-06 | 0.24 | 0.24 | 0.66 | 0.00 | 0.08 | RP11-735G4.1 | 8371 | intergenic | 11.98 | 6 | 5 | 15 |
| rs2239037 | 12 | 2363716 | A | 4.42E-06 | 4.42E-06 | -0.13 | -0.13 | 0.86 | 0.00 | 0.41 | CACNA1C | 0 | intronic | 1.45 | 5 | 5 | 5 |
| rs12271898 | 11 | 38515814 | T | 4.56E-06 | 4.56E-06 | -0.25 | -0.25 | 0.48 | 0.00 | 0.08 | RP11-63D14.1 | 4730 | intergenic | 15.30 | 7 | 9 | 15 |
| rs148880478 | 5 | 74564351 | T | 4.67E-06 | 1.26E-02 | 0.36 | 0.43 | 0.02 | 75.15 | 0.04 | ANKRD31 | 31647 | intergenic | 0.21 | 7 | 5 | 15 |
| rs11963130 | 6 | 125692246 | T | 4.75E-06 | 4.75E-06 | 0.25 | 0.25 | 0.62 | 0.00 | 0.08 | RP11-735G4.1 | 0 | ncRNA  intronic | 0.43 | 7 | 5 | 15 |
| rs6036731 | 20 | 24296964 | T | 4.77E-06 | 4.77E-06 | -0.24 | -0.24 | 0.92 | 0.00 | 0.07 | RP4-564O4.1 | 0 | ncRNA  intronic | 1.02 | 5 | 5 | 15 |
| rs77808977 | 6 | 125713086 | T | 4.77E-06 | 4.77E-06 | 0.25 | 0.25 | 0.56 | 0.00 | 0.08 | RP11-735G4.1 | 17615 | intergenic | 6.78 | 7 | 5 | 15 |
| rs6928592 | 6 | 125696456 | C | 4.93E-06 | 4.93E-06 | 0.24 | 0.24 | 0.62 | 0.00 | 0.08 | RP11-735G4.1 | 985 | upstream | 4.18 | 6 | 5 | 15 |
| rs61611660 | 6 | 125697880 | C | 4.93E-06 | 4.93E-06 | 0.24 | 0.24 | 0.62 | 0.00 | 0.08 | RP11-735G4.1 | 2409 | intergenic | 0.22 | 6 | 5 | 15 |
| rs6569421 | 6 | 125698313 | A | 4.93E-06 | 4.93E-06 | 0.24 | 0.24 | 0.62 | 0.00 | 0.08 | RP11-735G4.1 | 2842 | intergenic | 0.14 | 7 | 5 | 15 |

**C**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| rsID | Chr | BP | A1 | P fixed | P random | OR fixed | OR random | Q | I2 | MAF | Nearest Gene | dist | func | CADD | RDB | Min  Chr State | Common Chr State |
| rs736625 | 19 | 41265201 | C | 4.77E-07 | 4.77E-07 | 0.73 | 0.73 | 0.66 | 0.00 | 0.35 | SNRPA | 0 | intronic | 2.79 | 7 | 4 | 4 |
| rs7665833 | 4 | 131381117 | A | 7.52E-07 | 2.51E-02 | 1.57 | 1.50 | 0.03 | 71.36 | 0.14 | PGBD4P4 | 34711 | intergenic | 1.43 | 6 | 9 | 15 |
| rs3875145 | 19 | 41285516 | C | 8.16E-07 | 8.16E-07 | 0.73 | 0.73 | 0.64 | 0.00 | 0.35 | RAB4B: MIA-RAB4B:RAB4B-EGLN2 | 0 | intronic | 3.98 | 7 | 2 | 5 |
| rs10918445 | 1 | 166347827 | A | 9.22E-07 | 9.70E-04 | 0.68 | 0.66 | 0.12 | 53.15 | 0.16 | ENSG00000225325 | 9137 | intergenic | 2.28 | 5 | 5 | 15 |
| rs77478074 | 4 | 131410225 | A | 1.02E-06 | 1.67E-02 | 1.57 | 1.50 | 0.05 | 67.06 | 0.14 | PGBD4P4 | 5603 | intergenic | 0.95 | 7 | 15 | 15 |
| rs11071225 | 15 | 56115868 | G | 1.44E-06 | 9.58E-02 | 1.36 | 1.27 | 0.01 | 77.78 | 0.41 | NEDD4 | 3252 | intergenic | 2.06 | 2b | 2 | 15 |
| rs72926967 | 4 | 131394499 | C | 1.68E-06 | 1.79E-02 | 1.52 | 1.48 | 0.04 | 68.81 | 0.15 | PGBD4P4 | 21329 | intergenic | 0.36 | 7 | 14 | 15 |
| rs11128275 | 3 | 72515960 | G | 1.98E-06 | 1.98E-06 | 1.34 | 1.34 | 0.79 | 0.00 | 0.49 | RYBP | 19891 | intergenic | 4.11 | 6 | 5 | 15 |
| rs11128274 | 3 | 72515927 | G | 2.25E-06 | 2.25E-06 | 1.34 | 1.34 | 0.80 | 0.00 | 0.49 | RYBP | 19858 | intergenic | 6.57 | 7 | 5 | 15 |
| rs11128273 | 3 | 72515920 | G | 2.31E-06 | 2.31E-06 | 1.34 | 1.34 | 0.81 | 0.00 | 0.49 | RYBP | 19851 | intergenic | 5.79 | 7 | 5 | 15 |
| rs77920885 | 4 | 131334596 | T | 2.44E-06 | 4.12E-02 | 1.54 | 1.46 | 0.03 | 72.51 | 0.14 | ENSG00000251326 | 27070 | intergenic | 0.06 | 7 | 9 | 15 |
| rs75453127 | 4 | 131328565 | T | 2.62E-06 | 4.32E-02 | 1.54 | 1.46 | 0.03 | 72.79 | 0.14 | ENSG00000251326 | 21039 | intergenic | 7.56 | 6 | 14 | 15 |
| rs464676 | 5 | 73710097 | A | 3.04E-06 | 1.59E-03 | 1.34 | 1.39 | 0.09 | 59.37 | 0.42 | CTC-419K13.1 | 0 | ncRNA  intronic | 4.68 | 5 | 5 | 15 |
| rs4715277 | 6 | 51945727 | A | 3.13E-06 | 3.13E-06 | 0.74 | 0.74 | 0.64 | 0.00 | 0.35 | PKHD1 | 0 | intronic | 0.04 | 7 | 5 | 15 |
| rs78990592 | 4 | 131348054 | T | 3.34E-06 | 4.33E-02 | 1.53 | 1.45 | 0.03 | 72.38 | 0.14 | ENSG00000251326 | 40528 | intergenic | 2.28 | 5 | 15 | 15 |
| rs295690 | 5 | 73701707 | A | 3.63E-06 | 2.83E-03 | 1.34 | 1.39 | 0.06 | 63.97 | 0.42 | CTC-419K13.1 | 0 | ncRNA  intronic | 0.27 | 7 | 5 | 15 |
| rs34265768 | 4 | 131432146 | A | 3.74E-06 | 1.41E-02 | 1.45 | 1.42 | 0.05 | 65.59 | 0.19 | GAPDHP56 | 6647 | intergenic | 0.99 | 6 | 14 | 15 |
| rs78326053 | 4 | 131327942 | C | 3.88E-06 | 5.39E-02 | 1.52 | 1.45 | 0.02 | 74.25 | 0.14 | ENSG00000251326 | 20416 | intergenic | 1.32 | 6 | 14 | 15 |
| rs295691 | 5 | 73702310 | G | 3.88E-06 | 2.88E-03 | 1.34 | 1.39 | 0.06 | 63.90 | 0.42 | CTC-419K13.1 | 0 | ncRNA  intronic | 5.51 | 7 | 5 | 15 |
| rs13146727 | 4 | 131428476 | G | 3.99E-06 | 1.46E-02 | 1.45 | 1.42 | 0.06 | 65.51 | 0.19 | GAPDHP56 | 2977 | intergenic | 4.22 | 7 | 14 | 15 |
| rs13134354 | 4 | 131421337 | A | 4.00E-06 | 2.03E-02 | 1.46 | 1.42 | 0.05 | 66.68 | 0.18 | GAPDHP56 | 3175 | intergenic | 3.27 | 6 | 9 | 15 |
| rs72803246 | 5 | 112438837 | C | 4.02E-06 | 4.02E-06 | 0.74 | 0.74 | 0.53 | 0.00 | 0.31 | MCC | 0 | intronic | 0.33 | 6 | NA | NA |
| rs7232709 | 18 | 44200887 | G | 4.38E-06 | 4.38E-06 | 0.74 | 0.74 | 0.45 | 0.00 | 0.29 | LOXHD1 | 0 | intronic | 5.37 | 5 | 5 | 15 |