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| eTable 1. Associations between genetically predicted concentrations of circulating proteins and overall breast cancer risk: by BCAC sub-study | | | | | | | | | | |
|  |  |  | GWAS | |  | iCOGS | |  | OncoArray | |
| **Protein** | Protein-associated SNPs |  | OR (95% CI) | p |  | OR (95% CI) | p |  | OR (95% CI) | p |
| SELE (soluble) | rs2519093 |  | 0.97 (0.94-1.01) | 0.13 |  | 0.95 (0.93-0.97) | 2.02×10-6 |  | 0.97 (0.95-0.99) | 0.003 |
| IL3RA | rs2519093 |  | 0.96 (0.91-1.01) | 0.13 |  | 0.93 (0.91-0.96) | 2.02×10-6 |  | 0.96 (0.94-0.99) | 0.003 |
| MET | rs635634 |  | 0.91 (0.81-1.02) | 0.12 |  | 0.85 (0.80-0.91) | 1.83×10-6 |  | 0.92 (0.87-0.97) | 0.004 |
| ENG | rs635634 |  | 0.86 (0.72-1.04) | 0.12 |  | 0.78 (0.70-0.86) | 1.83×10-6 |  | 0.87 (0.80-0.96) | 0.004 |
| IGF1R (soluble) | rs635634 |  | 0.85 (0.70-1.04) | 0.12 |  | 0.76 (0.68-0.85) | 1.83×10-6 |  | 0.86 (0.78-0.96) | 0.004 |
| IR | rs507666 |  | 0.94 (0.88-1.02) | 0.12 |  | 0.90 (0.87-0.94) | 2.24×10-6 |  | 0.94 (0.91-0.98) | 0.003 |
| LIFR (soluble) | rs635634 |  | 0.89 (0.77-1.03) | 0.12 |  | 0.82 (0.75-0.89) | 1.83×10-6 |  | 0.90 (0.84-0.97) | 0.004 |
| FAM20B | rs587729126 |  | 1.16 (0.97-1.38) | 0.1 |  | 1.24 (1.13-1.36) | 6.50×10-6 |  | 1.13 (1.04-1.23) | 0.003 |
| ICAM2 (soluble) | rs587729126 |  | 0.85 (0.70-1.03) | 0.1 |  | 0.79 (0.71-0.87) | 6.50×10-6 |  | 0.87 (0.80-0.95) | 0.003 |
| ISLR2 | rs115478735,rs2959011,rs4055121 |  | 0.94 (0.87-1.02) | 0.12 |  | 0.91 (0.87-0.95) | 3.34×10-5 |  | 0.94 (0.90-0.97) | 0.001 |
| C1GALT1C1 | rs2519093,rs7787942 |  | 1.06 (0.99-1.12) | 0.09 |  | 1.08 (1.04-1.12) | 3.79×10-5 |  | 1.05 (1.02-1.08) | 0.002 |
| VCAM1 | rs3184504 |  | 0.78 (0.65-0.94) | 0.01 |  | 0.84 (0.76-0.93) | 0.001 |  | 0.87 (0.79-0.95) | 0.003 |
| ALPI | rs550057,rs679574 |  | 1.01 (0.90-1.13) | 0.92 |  | 0.86 (0.81-0.92) | 8.10×10-6 |  | 0.91 (0.86-0.97) | 0.002 |
| FAM177A1 | rs550057,rs679574 |  | 1.01 (0.90-1.13) | 0.93 |  | 0.87 (0.82-0.92) | 1.08×10-5 |  | 0.92 (0.86-0.97) | 0.003 |
| CHST15 | rs550057 |  | 1.02 (0.90-1.15) | 0.78 |  | 0.87 (0.81-0.93) | 2.01×10-5 |  | 0.91 (0.85-0.96) | 0.002 |
| SELP | rs2519093,rs6136,rs74227709 |  | 0.95 (0.90-1.00) | 0.07 |  | 0.95 (0.92-0.98) | 3.30×10-4 |  | 0.97 (0.94-1.00) | 0.053 |
| TMPRSS11D | rs3197999 |  | 1.04 (0.96-1.12) | 0.35 |  | 1.06 (1.02-1.10) | 0.005 |  | 1.06 (1.02-1.10) | 0.002 |
| DOCK9 | rs3197999 |  | 1.07 (0.93-1.23) | 0.35 |  | 1.11 (1.03-1.19) | 0.005 |  | 1.11 (1.04-1.19) | 0.002 |
| TNS2 | rs3197999 |  | 1.05 (0.95-1.17) | 0.35 |  | 1.08 (1.02-1.14) | 0.005 |  | 1.08 (1.03-1.14) | 0.002 |
| CRYBB2 | rs3197999 |  | 1.10 (0.90-1.36) | 0.35 |  | 1.17 (1.05-1.30) | 0.005 |  | 1.17 (1.06-1.29) | 0.002 |
| HTN1 | rs151288400 |  | 1.09 (0.96-1.24) | 0.19 |  | 1.13 (1.06-1.21) | 4.32×10-4 |  | 1.06 (1.00-1.13) | 0.044 |
| CPNE1 | rs12481228,rs62143206 |  | 0.93 (0.88-0.98) | 0 |  | 0.98 (0.95-1.00) | 0.092 |  | 0.96 (0.94-0.99) | 0.004 |
| RELT | rs3741148,rs7952686 |  | 0.99 (0.91-1.08) | 0.83 |  | 1.09 (1.04-1.14) | 8.12×10-4 |  | 1.07 (1.02-1.12) | 0.004 |
| STOM | rs6770670 |  | 1.04 (0.96-1.14) | 0.32 |  | 1.06 (1.02-1.11) | 0.008 |  | 1.06 (1.02-1.10) | 0.005 |
| ADH1B | rs13085791 |  | 1.05 (0.95-1.16) | 0.33 |  | 1.07 (1.02-1.12) | 0.008 |  | 1.07 (1.02-1.12) | 0.005 |
| CTSF | rs11347749,rs1791679 |  | 1.07 (0.97-1.19) | 0.2 |  | 1.10 (1.03-1.16) | 0.002 |  | 1.06 (1.01-1.12) | 0.023 |
| TPST2 | rs115478735,rs2283824,rs34436714 |  | 1.06 (0.97-1.16) | 0.22 |  | 1.06 (1.01-1.12) | 0.026 |  | 1.07 (1.02-1.12) | 0.004 |
| VEGFR3/FLT4 | rs10935473,rs2519093,rs34221241 |  | 0.99 (0.95-1.03) | 0.65 |  | 0.97 (0.94-0.99) | 0.007 |  | 0.97 (0.95-0.99) | 0.005 |
| FASLG (soluble) | rs371314787 |  | 0.98 (0.80-1.20) | 0.85 |  | 0.87 (0.79-0.96) | 0.006 |  | 0.88 (0.81-0.96) | 0.005 |
| KIN | rs149092047,rs62143198,rs7412 |  | 0.96 (0.88-1.06) | 0.47 |  | 0.93 (0.88-0.97) | 0.002 |  | 0.95 (0.91-0.99) | 0.026 |
| QSO×2 | rs10858248,rs149092047 |  | 1.00 (0.95-1.04) | 0.82 |  | 1.04 (1.01-1.06) | 0.002 |  | 1.03 (1.01-1.05) | 0.008 |
| B3GNT2 | rs2519093,rs67047091 |  | 1.01 (0.94-1.09) | 0.74 |  | 1.06 (1.02-1.11) | 0.003 |  | 1.04 (1.01-1.08) | 0.013 |
| VEGFR2/KDR | rs34231037,rs34336071,rs635634 |  | 0.99 (0.93-1.05) | 0.69 |  | 0.95 (0.92-0.98) | 0.003 |  | 0.97 (0.94-0.99) | 0.018 |
| KLRF1 | rs11708955,rs62143194 |  | 1.13 (0.95-1.33) | 0.16 |  | 1.10 (1.01-1.20) | 0.026 |  | 1.10 (1.02-1.18) | 0.013 |
| MAN1A2 | rs35505705,rs8176643 |  | 1.07 (0.92-1.24) | 0.39 |  | 1.10 (1.03-1.18) | 0.006 |  | 1.07 (1.01-1.14) | 0.023 |
| TIE1 (soluble) | rs10935473,rs2275180,rs8176743 |  | 0.94 (0.89-0.99) | 0.01 |  | 0.96 (0.94-0.99) | 0.012 |  | 0.98 (0.95-1.00) | 0.099 |
| CAMK1 | rs4525,rs61751507 |  | 0.97 (0.94-1.01) | 0.11 |  | 0.98 (0.96-1.00) | 0.048 |  | 0.98 (0.96-0.99) | 0.01 |
| GAL | rs2205895 |  | 0.85 (0.70-1.03) | 0.1 |  | 0.87 (0.78-0.97) | 0.01 |  | 0.90 (0.82-1.00) | 0.049 |
| GOLM1 | rs149092047,rs601338 |  | 1.00 (0.94-1.07) | 0.94 |  | 1.05 (1.02-1.09) | 0.004 |  | 1.04 (1.01-1.07) | 0.017 |
| SEC13 | rs1800594 |  | 0.80 (0.65-0.97) | 0.02 |  | 0.91 (0.82-1.02) | 0.106 |  | 0.88 (0.80-0.98) | 0.016 |
| BCAM | rs144579705,rs8176747 |  | 0.79 (0.68-0.92) | 0 |  | 0.91 (0.84-0.99) | 0.033 |  | 0.95 (0.89-1.01) | 0.075 |
| CD36 | rs8176693 |  | 0.84 (0.75-0.94) | 0 |  | 0.91 (0.86-0.97) | 0.004 |  | 0.98 (0.93-1.03) | 0.445 |
| NOTCH1 | rs8176743 |  | 0.75 (0.63-0.90) | 0 |  | 0.87 (0.78-0.96) | 0.005 |  | 0.96 (0.88-1.05) | 0.409 |
| RSPO3 | rs2489623 |  | 0.99 (0.88-1.13) | 0.93 |  | 0.90 (0.84-0.97) | 0.005 |  | 0.92 (0.87-0.99) | 0.019 |
| TLL1 | rs8176747 |  | 0.82 (0.73-0.93) | 0 |  | 0.91 (0.85-0.97) | 0.005 |  | 0.97 (0.92-1.04) | 0.428 |
| CDH5 | rs8176746 |  | 0.92 (0.87-0.97) | 0 |  | 0.96 (0.93-0.99) | 0.005 |  | 0.99 (0.96-1.02) | 0.426 |
| AKR1A1 | rs62143198,rs72688441 |  | 0.95 (0.91-1.00) | 0.06 |  | 0.98 (0.95-1.00) | 0.082 |  | 0.97 (0.95-1.00) | 0.026 |
| THSD1 | rs2519093,rs41292808 |  | 0.93 (0.84-1.03) | 0.16 |  | 0.93 (0.88-0.98) | 0.007 |  | 0.96 (0.92-1.01) | 0.116 |
| PSD | rs1303,rs429358 |  | 1.01 (0.95-1.07) | 0.79 |  | 0.97 (0.93-1.01) | 0.104 |  | 0.95 (0.92-0.98) | 7.83×10-4 |
| SULF2 | rs10424405,rs7614709,rs7971133 |  | 0.92 (0.83-1.02) | 0.1 |  | 0.95 (0.90-1.01) | 0.1 |  | 0.94 (0.90-0.99) | 0.02 |
| SCG3 | rs1378892 |  | 1.08 (0.99-1.18) | 0.1 |  | 1.06 (1.02-1.11) | 0.009 |  | 1.03 (0.99-1.08) | 0.143 |
| PRDM1 | rs13093385,rs2232613 |  | 1.03 (0.97-1.09) | 0.3 |  | 1.04 (1.01-1.07) | 0.016 |  | 1.03 (1.00-1.05) | 0.065 |
| TFPI | rs10800453 |  | 1.13 (0.99-1.30) | 0.08 |  | 1.06 (0.98-1.15) | 0.126 |  | 1.09 (1.01-1.17) | 0.02 |
| SEMA6A | rs3733724,rs56278466,rs8176743 |  | 0.87 (0.78-0.97) | 0.01 |  | 0.92 (0.87-0.98) | 0.008 |  | 0.98 (0.93-1.03) | 0.388 |
| JAG1 | rs550057,rs7041 |  | 1.07 (0.95-1.21) | 0.24 |  | 0.92 (0.86-0.99) | 0.016 |  | 0.91 (0.86-0.97) | 0.003 |
| PTGR1 | rs148410779 |  | 0.95 (0.83-1.08) | 0.44 |  | 0.94 (0.87-1.00) | 2.02×10-6 |  | 0.92 (0.86-0.98) | 0.015 |

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| eTable 2. Associations between genetically predicted concentrations of circulating proteins and breast cancer risk by ER status: analysis using genetic instruments | | | | | | |
|  | Estrogen receptor + | |  | Estrogen receptor - | |  |
| Protein | OR (95% CI) |  |  | OR (95% CI) | P | Phet |
| SELE (soluble) | 0.96 (0.95-0.98) | 5.20×10-6 |  | 0.97 (0.95-0.99) | 0.013 | 0.432 |
| IL3RA | 0.95 (0.93-0.97) | 5.20×10-6 |  | 0.96 (0.93-0.99) | 0.013 | 0.586 |
| MET | 0.90 (0.85-0.94) | 6.00×10-6 |  | 0.91 (0.85-0.98) | 0.017 | 0.804 |
| ENG | 0.84 (0.78-0.90) | 6.00×10-6 |  | 0.87 (0.77-0.97) | 0.017 | 0.613 |
| IGFIR (soluble) | 0.82 (0.76-0.90) | 6.00×10-6 |  | 0.86 (0.75-0.97) | 0.017 | 0.544 |
| IR | 0.93 (0.90-0.96) | 5.20×10-6 |  | 0.94 (0.90-0.99) | 0.014 | 0.716 |
| LIFR (soluble) | 0.87 (0.82-0.92) | 6.00×10-6 |  | 0.89 (0.81-0.98) | 0.017 | 0.689 |
| FAM20B | 1.16 (1.08-1.24) | 2.30×10-5 |  | 1.16 (1.04-1.29) | 0.008 | 1 |
| ICAM2 (soluble) | 0.85 (0.79-0.92) | 2.30×10-5 |  | 0.85 (0.76-0.96) | 0.008 | 1 |
| ISLR2 | 0.93 (0.90-0.96) | 1.30×10-5 |  | 0.94 (0.89-0.98) | 0.009 | 0.718 |
| C1GALT1C1 | 1.06 (1.03-1.09) | 1.30×10-5 |  | 1.07 (1.02-1.11) | 0.002 | 0.718 |
| VCAM1 | 0.85 (0.79-0.92) | 4.80×10-5 |  | 0.84 (0.74-0.94) | 0.003 | 0.87 |
| ALPI | 0.90 (0.86-0.94) | 2.10×10-5 |  | 0.96 (0.89-1.04) | 0.317 | 0.158 |
| FAM177A1 | 0.90 (0.86-0.95) | 2.80×10-5 |  | 0.97 (0.90-1.04) | 0.349 | 0.094 |
| CHST15 | 0.90 (0.86-0.94) | 2.60×10-5 |  | 0.94 (0.87-1.01) | 0.091 | 0.326 |
| SELP | 0.96 (0.94-0.98) | 7.86×10-4 |  | 0.96 (0.92-0.99) | 0.017 | 1 |
| TMPRSS11D | 1.06 (1.03-1.09) | 1.41×10-4 |  | 1.13 (1.08-1.19) | 4.00×10-7 | 0.026 |
| DOCK9 | 1.11 (1.05-1.17) | 1.41×10-4 |  | 1.25 (1.14-1.36) | 4.00×10-7 | 0.024 |
| TNS2 | 1.09 (1.04-1.13) | 1.41×10-4 |  | 1.19 (1.11-1.27) | 4.00×10-7 | 0.03 |
| CRYBB2 | 1.17 (1.08-1.27) | 1.41×10-4 |  | 1.39 (1.22-1.58) | 4.00×10-7 | 0.027 |
| HTN1 | 1.09 (1.04-1.15) | 6.59×10-4 |  | 1.13 (1.04-1.22) | 0.002 | 0.454 |
| CPNE1 | 0.96 (0.94-0.98) | 6.17×10-4 |  | 0.97 (0.94-1.00) | 0.054 | 0.586 |
| RELT | 1.07 (1.03-1.11) | 5.54×10-4 |  | 1.01 (0.95-1.07) | 0.82 | 0.107 |
| STOM | 1.06 (1.03-1.10) | 6.11×10-4 |  | 1.14 (1.08-1.20) | 1.50×10-6 | 0.022 |
| ADH1B | 1.07 (1.03-1.11) | 6.10×10-4 |  | 1.16 (1.09-1.23) | 1.60×10-6 | 0.026 |
| CTSF | 1.08 (1.04-1.13) | 2.41×10-4 |  | 1.08 (1.01-1.16) | 0.017 | 1 |
| TPST2 | 1.06 (1.02-1.10) | 0.001 |  | 1.07 (1.01-1.13) | 0.021 | 0.786 |
| VEGFR3/FLT4 | 0.97 (0.95-0.98) | 8.60×10-5 |  | 0.98 (0.96-1.01) | 0.226 | 0.499 |
| FASLG (soluble) | 0.88 (0.82-0.95) | 0.001 |  | 0.75 (0.67-0.84) | 1.60×10-6 | 0.02 |
| KIN | 0.94 (0.91-0.98) | 9.97×10-4 |  | 0.97 (0.92-1.03) | 0.365 | 0.362 |
| QSOX2 | 1.03 (1.01-1.04) | 0.002 |  | 1.02 (0.99-1.05) | 0.117 | 0.561 |
| B3GNT2 | 1.05 (1.02-1.09) | 5.80×10-4 |  | 1.03 (0.98-1.08) | 0.234 | 0.522 |
| VEGFR2/KDR | 0.96 (0.93-0.98) | 2.76×10-4 |  | 0.99 (0.95-1.02) | 0.462 | 0.172 |
| KLRF1 | 1.10 (1.03-1.17) | 0.003 |  | 1.20 (1.08-1.32) | 3.47×10-4 | 0.151 |
| MAN1A2 | 1.07 (1.02-1.13) | 0.006 |  | 1.04 (0.96-1.13) | 0.293 | 0.563 |
| TIE1 (soluble) | 0.96 (0.94-0.98) | 6.59×10-4 |  | 0.97 (0.94-1.00) | 0.083 | 0.586 |
| CAMK1 | 0.98 (0.97-1.00) | 0.021 |  | 0.98 (0.96-1.00) | 0.081 | 1 |
| GAL | 0.90 (0.82-0.97) | 0.008 |  | 0.97 (0.85-1.10) | 0.626 | 0.34 |
| GOLM1 | 1.04 (1.01-1.07) | 0.002 |  | 1.04 (1.00-1.09) | 0.041 | 1 |
| SEC13 | 0.90 (0.83-0.98) | 0.016 |  | 0.89 (0.78-1.01) | 0.063 | 0.887 |
| BCAM | 0.91 (0.86-0.96) | 0.001 |  | 0.91 (0.84-0.99) | 0.035 | 1 |
| CD36 | 0.93 (0.89-0.98) | 0.004 |  | 0.93 (0.86-0.99) | 0.031 | 1 |
| NOTCH1 | 0.90 (0.83-0.97) | 0.005 |  | 0.88 (0.79-0.99) | 0.037 | 0.748 |
| RSPO3 | 0.92 (0.87-0.97) | 0.002 |  | 0.90 (0.83-0.98) | 0.012 | 0.664 |
| TLL1 | 0.93 (0.88-0.98) | 0.005 |  | 0.92 (0.85-1.00) | 0.039 | 0.828 |
| CDH5 | 0.97 (0.95-0.99) | 0.005 |  | 0.96 (0.93-1.00) | 0.039 | 0.627 |
| AKR1A1 | 0.97 (0.95-0.99) | 0.005 |  | 0.99 (0.96-1.02) | 0.45 | 0.275 |
| THSD1 | 0.95 (0.91-0.98) | 0.005 |  | 0.96 (0.90-1.02) | 0.175 | 0.778 |
| PSD | 0.95 (0.93-0.98) | 5.70×10-4 |  | 0.98 (0.94-1.02) | 0.373 | 0.209 |
| SULF2 | 0.95 (0.91-0.99) | 0.015 |  | 0.96 (0.90-1.03) | 0.243 | 0.796 |
| SCG3 | 1.06 (1.02-1.10) | 9.44×10-4 |  | 1.02 (0.97-1.08) | 0.407 | 0.251 |
| PRDM1 | 1.03 (1.01-1.05) | 0.013 |  | 1.08 (1.05-1.12) | 6.20×10-6 | 0.014 |
| TFPI | 1.06 (1.00-1.13) | 0.05 |  | 1.09 (0.99-1.19) | 0.07 | 0.62 |
| SEMA6A | 0.94 (0.90-0.98) | 0.003 |  | 0.94 (0.88-1.00) | 0.059 | 1 |
| JAG1 | 0.92 (0.87-0.96) | 5.71×10-4 |  | 0.97 (0.90-1.05) | 0.454 | 0.257 |
| PTGR1 | 0.91 (0.86-0.96) | 8.30×10-4 |  | 0.95 (0.87-1.03) | 0.23 | 0.403 |

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| eTable 3. Associations between genetically predicted concentrations of circulating proteins and breast cancer risk using multi-variant instruments constructed by pQTL variants with P < 5×10-8 | | | | |
| Protein | OR (95% CI) | P | Protein-associated SNPs |
| ICAM2 | 0.82 (0.78-0.87) | 1.33×10-13 | 12:111884608:T:C, 9:136138765:GCGCCCACCACTA:G |
| INSR | 0.93 (0.91-0.95) | 8.29×10-10 | rs760459, rs60484807, 9:136149399:G:A |
| SELE | 0.96 (0.95-0.98) | 4.70×10-9 | rs12288924, rs11603123, rs35434910, rs635634, rs116851371 |
| C1GALT1C1 | 1.06 (1.04-1.08) | 8.98×10-9 | rs9267920, rs7787942, rs8176765, 9:136141870:C:T |
| IL3RA | 0.96 (0.94-0.97) | 9.15×10-9 | rs9264642, rs7772305, rs3128759, rs12378537, 9:136141870:C:T |
| ENG | 0.83 (0.78-0.89) | 3.60×10-8 | rs635634 |
| IGF1R | 0.82 (0.76-0.88) | 3.60×10-8 | rs635634 |
| LIFR | 0.87 (0.82-0.91) | 3.60×10-8 | rs635634 |
| TMPRSS11D | 1.06 (1.04-1.08) | 3.68×10-8 | rs78691034, rs7640031, rs71324929, rs63714761, rs3197999, rs36101994 |
| SEMA6A | 0.92 (0.89-0.95) | 8.16×10-8 | rs56278466, rs3733724, rs8176743, 9:136146597:C:T |
| ALPI | 0.90 (0.87-0.94) | 8.61×10-7 | rs679574, 9:136146597:C:T |
| TNS2 | 1.08 (1.04-1.11) | 9.72×10-7 | rs12492271, rs6773261, rs3197999 |
| DOCK9 | 1.10 (1.06-1.15) | 1.10×10-6 | rs11710798, rs3197999 |
| MET | 0.92 (0.89-0.96) | 4.46×10-6 | rs1858830, rs6955032, rs635634 |
| STOM | 1.06 (1.03-1.08) | 7.22×10-6 | rs78691034, rs13084000, rs6770670 |
| FLT4 | 0.96 (0.94-0.98) | 7.33×10-6 | rs115410474, rs73133989, rs6762552, rs34221241, 9:136141870:C:T |
| FAM20B | 1.09 (1.05-1.14) | 3.45×10-5 | rs12064702, rs62143198, 9:136138765:GCGCCCACCACTA:G |
| PRDM1 | 1.03 (1.02-1.05) | 3.94×10-5 | rs2232613, rs144645644, rs2291903, rs78691034, rs78700949, rs11709092, rs143916056 rs11713251, rs374609508, rs63714761, rs13093385, rs138621393 |
| HTN1 | 1.09 (1.05-1.14) | 5.10×10-5 | rs151288400 |
| VCAM1 | 0.91 (0.87-0.95) | 5.13×10-5 | 12:111884608:T:C, rs1257168, rs80286094 |
| CAMK1 | 0.97 (0.96-0.99) | 5.41×10-5 | rs57904876, rs78328556, rs1557570, rs61751507, rs72706368 |
| SEC13 | 0.91 (0.88-0.96) | 5.58×10-5 | rs1800594, rs3766126, rs927826 |
| ISLR2 | 0.95 (0.92-0.97) | 8.89×10-5 | rs4055121, rs2959011, rs10793962 |
| TPST2 | 1.06 (1.03-1.09) | 1.17×10-4 | rs35139041, rs34436714, rs2283824, rs115478735 |
| QSO×2 | 1.03 (1.01-1.04) | 1.26×10-4 | 9:136146597:C:T, rs116851371, rs10858248 |
| FASLG | 0.89 (0.83-0.94) | 1.51×10-4 | 3:49709912:C:CT |
| RSPO3 | 0.93 (0.89-0.96) | 1.73×10-4 | rs80010360, rs2489623 |
| SELP | 0.97 (0.95-0.98) | 1.78×10-4 | rs182855188, rs140217668, rs6136, rs2235303, rs41315846, rs74227709, rs9820851 rs6993770, 9:136141870:C:T |
| CHST15 | 0.93 (0.90-0.97) | 1.84×10-4 | rs7247412, 9:136146597:C:T |
| RELT | 1.06 (1.03-1.09) | 2.01×10-4 | rs3741148, rs7952686, rs71640036 |
| MAN1A2 | 1.06 (1.03-1.09) | 2.65×10-4 | rs7548848 rs7512060 rs41296190 rs114047680 rs10418046 rs8176643 |
| CPNE1 | 0.97 (0.96-0.99) | 2.74×10-4 | rs62143206 rs139295665 rs145186586 rs2248393 rs12481228 20:34436780:TA:T 20:34555466:TA:T, rs11908144 |
| ADH1B | 1.05 (1.02-1.08) | 2.81×10-4 | rs78844723, rs11709092, rs13085791 |
| TIE1 | 0.97 (0.95-0.99) | 3.32×10-4 | rs2275180, rs10935473, rs8176743 |
| GOLM1 | 1.04 (1.02-1.06) | 4.11×10-4 | rs601338, 9:136139907:GAAACTGCC:G |
| B3GNT2 | 1.04 (1.02-1.06) | 4.14×10-4 | rs284647, rs67047091, rs12986356, rs679574, rs11375378, rs4073090 9:136141870:C:T |
| TFPI | 1.07 (1.03-1.11) | 4.16×10-4 | rs9332701, rs10800453, rs6025, rs11596680 |
| BCAM | 0.92 (0.88-0.96) | 4.45×10-4 | rs28399656, rs8176747 |
| PSD | 0.96 (0.94-0.98) | 4.77×10-4 | rs1303, rs157580, rs429358, rs74480769 |
| KIN | 0.95 (0.93-0.98) | 4.97×10-4 | rs73515693, rs7412, rs62143198, rs3917549, 9:136139907:GAAACTGCC:G |
| CD36 | 0.93 (0.90-0.97) | 6.01×10-4 | rs8176693 |
| NOTCH1 | 0.90 (0.84-0.95) | 6.56×10-4 | rs8176743 |
| TLL1 | 0.93 (0.89-0.97) | 7.13×10-4 | rs8176747 |
| PTGR1 | 0.95 (0.92-0.98) | 8.01×10-4 | rs76461890, rs144875739, rs148410779 |
| KDR | 0.97 (0.95-0.99) | 8.06×10-4 | rs34336071, rs34231037, rs2305948, rs116245354, rs1380069, rs184838577, rs635634 |
| THSD1 | 0.95 (0.92-0.98) | 1.39×10-3 | rs76603855, rs41292808, 9:136141870:C:T |
| CDH5 | 0.97 (0.96-0.99) | 1.53×10-3 | rs2289150, rs7859473, rs8176746 rs2519145 |
| JAG1 | 0.93 (0.90-0.97) | 1.56×10-3 | rs7041, 9:136146597:C:T |
| AKR1A1 | 0.98 (0.96-0.99) | 2.62×10-3 | rs116512105, rs113825465, 1:45565962:C:T, rs60515365, rs72688441, rs10416363 rs62143198, rs139295665 |
| KLRF1 | 1.07 (1.02-1.12) | 2.70×10-3 | rs62143194, rs77271561, rs11708955 |
| SULF2 | 0.95 (0.92-0.98) | 2.87×10-3 | 12:57770098:C:T, rs117978438, rs10424405, rs7614709 |
| CTSF | 1.05 (1.01-1.08) | 4.53×10-3 | rs1791679, 12:102212154:CT:C, rs1260326 |
| GAL | 0.94 (0.90-0.99) | 8.74×10-3 | rs72708013, rs2205895, rs1409338 |
| SCG3 | 1.03 (1.00-1.05) | 3.29×10-2 | rs35696230, 15:51822784:TA:T, rs1378892, rs2305710 |
| FAM177A1 | 0.98 (0.96-1.00) | 4.61×10-2 | rs799473, rs140182729, rs8013122, rs679574, 9:136146597:C:T |
| CRYBB2 | 1.05 (1.00-1.10) | 4.98×10-2 | rs4774039, rs3197999, rs4576502 |
| Independent pQTL variants (LD R2<0.1, P<5) were obtained from the study of Sun et al. | | | | | |

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| eTable 4. Compiled pleiotropic effects of pQTL variants used to construct instruments for the 56 identified proteins | | | | | | | | |
| pQTL SNPs | Protein | Chr | BP | A1 | A2 | Trait | Ancestry | PMID |
| rs13085791 | ADH1B | 3 | 49721798 | A | C | High light scatter percentage of red cells | European | 27863252 |
| rs13085791 | ADH1B | 3 | 49721798 | A | C | High light scatter reticulocyte count | European | 27863252 |
| rs13085791 | ADH1B | 3 | 49721798 | A | C | Immature fraction of reticulocytes | European | 27863252 |
| rs13085791 | ADH1B | 3 | 49721798 | A | C | Mean corpuscular volume | European | 27863252 |
| rs13085791 | ADH1B | 3 | 49721798 | A | C | Reticulocyte count | European | 27863252 |
| rs13085791 | ADH1B | 3 | 49721798 | A | C | Reticulocyte fraction of red cells | European | 27863252 |
| rs13085791 | ADH1B | 3 | 49721798 | A | C | Age first birth | European | 27798627 |
| rs13085791 | ADH1B | 3 | 49721798 | A | C | Crohns disease | European | 26192919 |
| rs13085791 | ADH1B | 3 | 49721798 | A | C | Inflammatory bowel disease | European | 26192919 |
| rs13085791 | ADH1B | 3 | 49721798 | A | C | Ulcerative colitis | European | 26192919 |
| rs13085791 | ADH1B | 3 | 49721798 | A | C | Primary sclerosing cholangitis | European | 27992413 |
| rs13085791 | ADH1B | 3 | 49721798 | A | C | Age at menarche | European | 25231870 |
| rs13085791 | ADH1B | 3 | 49721798 | A | C | Years of educational attainment in females | European | 27225129 |
| rs13085791 | ADH1B | 3 | 49721798 | A | C | Years of educational attainment in males | European | 27225129 |
| rs13085791 | ADH1B | 3 | 49721798 | A | C | Years of educational attainment | European | 27225129 |
| rs62143198 | AKR1A1 | 19 | 54320939 | A | G | Granulocyte percentage of myeloid white cells | European | 27863252 |
| rs62143198 | AKR1A1 | 19 | 54320939 | A | G | Monocyte count | European | 27863252 |
| rs62143198 | AKR1A1 | 19 | 54320939 | A | G | Monocyte percentage of white cells | European | 27863252 |
| rs550057 | ALPI | 9 | 136146597 | C | T | Granulocyte count | European | 27863252 |
| rs550057 | ALPI | 9 | 136146597 | C | T | Hematocrit | European | 27863252 |
| rs550057 | ALPI | 9 | 136146597 | C | T | Hemoglobin concentration | European | 27863252 |
| rs550057 | ALPI | 9 | 136146597 | C | T | Mean corpuscular volume | European | 27863252 |
| rs550057 | ALPI | 9 | 136146597 | C | T | Monocyte count | European | 27863252 |
| rs550057 | ALPI | 9 | 136146597 | C | T | Myeloid white cell count | European | 27863252 |
| rs550057 | ALPI | 9 | 136146597 | C | T | Neutrophil count | European | 27863252 |
| rs550057 | ALPI | 9 | 136146597 | C | T | Red blood cell count | European | 27863252 |
| rs550057 | ALPI | 9 | 136146597 | C | T | Red cell distribution width | European | 27863252 |
| rs550057 | ALPI | 9 | 136146597 | C | T | Sum basophil neutrophil counts | European | 27863252 |
| rs550057 | ALPI | 9 | 136146597 | C | T | Sum neutrophil eosinophil counts | European | 27863252 |
| rs550057 | ALPI | 9 | 136146597 | C | T | White blood cell count | European | 27863252 |
| rs550057 | ALPI | 9 | 136146597 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs550057 | ALPI | 9 | 136146597 | C | T | Myocardial infarction | Mixed | 26343387 |
| rs550057 | ALPI | 9 | 136146597 | C | T | Venous thrombosis | European | 22675575 |
| rs550057 | ALPI | 9 | 136146597 | C | T | LDL cholesterol | European | 25961943 |
| rs550057 | ALPI | 9 | 136146597 | C | T | High grade serous ovarian cancer | European | 28346442 |
| rs550057 | ALPI | 9 | 136146597 | C | T | Serous invasive ovarian cancer | European | 28346442 |
| rs550057 | ALPI | 9 | 136146597 | C | T | Alkaline phosphatase | European | 28887542 |
| rs550057 | ALPI | 9 | 136146597 | C | T | Ferritin | European | 28887542 |
| rs550057 | ALPI | 9 | 136146597 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs679574 | ALPI | 19 | 49206108 | C | G | Mean platelet volume | European | 27863252 |
| rs679574 | ALPI | 19 | 49206108 | C | G | Total cholesterol | European | 24097068 |
| rs679574 | ALPI | 19 | 49206108 | C | G | Total cholesterol | Mixed | 20686565 |
| rs679574 | ALPI | 19 | 49206108 | C | G | Total cholesterol | Mixed | 20686565 |
| rs679574 | ALPI | 19 | 49206108 | C | G | Crohns disease | European | 26192919 |
| rs679574 | ALPI | 19 | 49206108 | C | G | Alkaline phosphatase | European | 28887542 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Granulocyte count | European | 27863252 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Hematocrit | European | 27863252 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Hemoglobin concentration | European | 27863252 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Lymphocyte percentage of white cells | European | 27863252 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Monocyte count | European | 27863252 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Myeloid white cell count | European | 27863252 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Neutrophil count | European | 27863252 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Platelet distribution width | European | 27863252 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Red blood cell count | European | 27863252 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Red cell distribution width | European | 27863252 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Sum basophil neutrophil counts | European | 27863252 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Sum eosinophil basophil counts | European | 27863252 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Sum neutrophil eosinophil counts | European | 27863252 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | White blood cell count | European | 27863252 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Myocardial infarction | Mixed | 26343387 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Low density lipoprotein | European | 24097068 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Total cholesterol | European | 24097068 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Venous thromboembolism | Mixed | 22672568 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Venous thrombosis | European | 22675575 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Allergy | European | 27182965 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Venous thromboembolism | Mixed | 22672568 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Venous thromboembolism | European | 28373160 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 28714975 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | High grade serous ovarian cancer | European | 28346442 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Invasive ovarian cancer | European | 28346442 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Serous invasive ovarian cancer | European | 28346442 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Alkaline phosphatase | European | 28887542 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Ferritin | European | 28887542 |
| rs2519093 | B3GNT2 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Granulocyte percentage of myeloid white cells | European | 27863252 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Hematocrit | European | 27863252 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Hemoglobin concentration | European | 27863252 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Mean corpuscular hemoglobin | European | 27863252 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Mean corpuscular hemoglobin concentration | European | 27863252 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Mean corpuscular volume | European | 27863252 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Monocyte percentage of white cells | European | 27863252 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Neutrophil percentage of white cells | European | 27863252 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Platelet count | European | 27863252 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Plateletcrit | European | 27863252 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Red blood cell count | European | 27863252 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Red cell distribution width | European | 27863252 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Reticulocyte count | European | 27863252 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Activated partial thromboplastin time | European | 22703881 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Factor XIII antigen | European | 23381943 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Hemoglobin Hb | Mixed | 23222517 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Plasma carcinoembryonic antigen CEA levels | East Asian | 23300138 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Red blood cell count RBC | Mixed | 23222517 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | von Willebrand factor vWF | European | 23381943 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Platelet count | European | 27863252 |
| rs8176747 | BCAM | 9 | 136131315 | G | C | Reticulocyte count | European | 27863252 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Granulocyte count | European | 27863252 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Hematocrit | European | 27863252 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Hemoglobin concentration | European | 27863252 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Lymphocyte percentage of white cells | European | 27863252 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Monocyte count | European | 27863252 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Myeloid white cell count | European | 27863252 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Neutrophil count | European | 27863252 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Platelet distribution width | European | 27863252 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Red blood cell count | European | 27863252 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Red cell distribution width | European | 27863252 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Sum basophil neutrophil counts | European | 27863252 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Sum eosinophil basophil counts | European | 27863252 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Sum neutrophil eosinophil counts | European | 27863252 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | White blood cell count | European | 27863252 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Myocardial infarction | Mixed | 26343387 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Low density lipoprotein | European | 24097068 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Total cholesterol | European | 24097068 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Venous thromboembolism | Mixed | 22672568 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Venous thrombosis | European | 22675575 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Allergy | European | 27182965 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Venous thromboembolism | Mixed | 22672568 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Venous thromboembolism | European | 28373160 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 28714975 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | High grade serous ovarian cancer | European | 28346442 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Invasive ovarian cancer | European | 28346442 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Serous invasive ovarian cancer | European | 28346442 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Alkaline phosphatase | European | 28887542 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Ferritin | European | 28887542 |
| rs2519093 | C1GALT1C1 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs4525 | CAMK1D | 1 | 169511734 | T | C | Blood protein levels | European | 28240269 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Granulocyte percentage of myeloid white cells | European | 27863252 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Hematocrit | European | 27863252 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Hemoglobin concentration | European | 27863252 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Mean corpuscular hemoglobin | European | 27863252 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Mean corpuscular hemoglobin concentration | European | 27863252 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Mean corpuscular volume | European | 27863252 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Monocyte percentage of white cells | European | 27863252 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Neutrophil percentage of white cells | European | 27863252 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Platelet count | European | 27863252 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Plateletcrit | European | 27863252 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Red blood cell count | European | 27863252 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Red cell distribution width | European | 27863252 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Reticulocyte count | European | 27863252 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Low density lipoprotein | European | 24097068 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Activated partial thromboplastin time | European | 22703881 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Factor XIII antigen | European | 23381943 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Hemoglobin Hb | Mixed | 23222517 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Malaria | African | 23717212 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Metabolic syndrome domains Multivariate analysis | Mixed | 22022282 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Plasma carcinoembryonic antigen CEA levels | East Asian | 23300138 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Red blood cell count RBC | Mixed | 23222517 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | von Willebrand factor vWF | European | 23381943 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Endothelial growth factor levels | European | 25552591 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | High serum lipase activity | European | 25028398 |
| rs8176693 | CD36 | 9 | 136137657 | T | C | Serum lipase activity | European | 25028398 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Granulocyte percentage of myeloid white cells | European | 27863252 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Hematocrit | European | 27863252 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Hemoglobin concentration | European | 27863252 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Mean corpuscular hemoglobin | European | 27863252 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Mean corpuscular hemoglobin concentration | European | 27863252 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Mean corpuscular volume | European | 27863252 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Monocyte percentage of white cells | European | 27863252 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Platelet count | European | 27863252 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Plateletcrit | European | 27863252 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Red blood cell count | European | 27863252 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Red cell distribution width | European | 27863252 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Reticulocyte count | European | 27863252 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Low density lipoprotein | European | 24097068 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Activated partial thromboplastin time | European | 22703881 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Angiotensin converting enzyme ACE activity | East Asian | 20066004 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Factor XIII antigen | European | 23381943 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Hemoglobin Hb | Mixed | 23222517 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Mean corpuscular hemoglobin concentration | East Asian | 20139978 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Plasma carcinoembryonic antigen CEA levels | East Asian | 23300138 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Red blood cell count RBC | Mixed | 23222517 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | TNF alpha TNF a | European | 18464913 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | von Willebrand factor vWF | European | 23381943 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Mean corpuscular hemoglobin concentration | East Asian | 20139978 |
| rs8176746 | CDH5 | 9 | 136131322 | T | G | Mean corpuscular volume | Mixed | 28017375 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | Granulocyte count | European | 27863252 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | Hematocrit | European | 27863252 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | Hemoglobin concentration | European | 27863252 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | Mean corpuscular volume | European | 27863252 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | Monocyte count | European | 27863252 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | Myeloid white cell count | European | 27863252 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | Neutrophil count | European | 27863252 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | Red blood cell count | European | 27863252 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | Red cell distribution width | European | 27863252 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | Sum basophil neutrophil counts | European | 27863252 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | Sum neutrophil eosinophil counts | European | 27863252 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | White blood cell count | European | 27863252 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | Myocardial infarction | Mixed | 26343387 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | Venous thrombosis | European | 22675575 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | LDL cholesterol | European | 25961943 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | High grade serous ovarian cancer | European | 28346442 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | Serous invasive ovarian cancer | European | 28346442 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | Alkaline phosphatase | European | 28887542 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | Ferritin | European | 28887542 |
| rs550057 | CHST15 | 9 | 136146597 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs62143206 | CPNE1 | 19 | 54326212 | G | T | Granulocyte percentage of myeloid white cells | European | 27863252 |
| rs62143206 | CPNE1 | 19 | 54326212 | G | T | Monocyte count | European | 27863252 |
| rs62143206 | CPNE1 | 19 | 54326212 | G | T | Monocyte percentage of white cells | European | 27863252 |
| rs62143206 | CPNE1 | 19 | 54326212 | G | T | Granulocyte percentage of myeloid white cells | European | 27863252 |
| rs62143206 | CPNE1 | 19 | 54326212 | G | T | Monocyte percentage of white cells | European | 27863252 |
| rs12481228 | CPNE1 | 20 | 34218673 | C | G | Height | European | 28146470 |
| rs12481228 | CPNE1 | 20 | 34218673 | C | G | Height | Mixed | 28146470 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | High light scatter percentage of red cells | European | 27863252 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | High light scatter reticulocyte count | European | 27863252 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Immature fraction of reticulocytes | European | 27863252 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Reticulocyte count | European | 27863252 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Reticulocyte fraction of red cells | European | 27863252 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Crohns disease | European | 18587394 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Crohns disease | European | 19915574 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Crohns disease | European | 21102463 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Crohns disease | European | 21150878 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Crohns disease | European | 21297633 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Inflammatory bowel disease | European | 23128233 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Irritable bowel disorder | European | 19915574 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 21151127 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 23603763 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Selective immunoglobulin A deficiency IgAD | European | 20694011 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Ulcerative colitis | European | 20228799 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Ulcerative colitis | European | 21297633 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Crohns disease | European | 23128233 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Crohns disease | European | 26192919 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Inflammatory bowel disease | European | 26192919 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Ulcerative colitis | European | 23128233 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Ulcerative colitis | European | 26192919 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 27992413 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Crohns disease | European | 18587394 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Crohns disease | European | 21102463 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Crohns disease | European | 26192919 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Crohns disease | Mixed | 28067908 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Inflammatory bowel disease | European | 23128233 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Inflammatory bowel disease | Mixed | 28067908 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 21151127 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 27992413 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Ulcerative colitis | European | 20228799 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Ulcerative colitis | European | 26192919 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Ulcerative colitis | Mixed | 28067908 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Age at menarche | European | 25231870 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Years of educational attainment in females | European | 27225129 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Years of educational attainment in males | European | 27225129 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Years of educational attainment | European | 27225129 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Cholangitis sclerosing | European | 21151127 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Colitis ulcerative | European | 20228799 |
| rs3197999 | CRYBB2 | 3 | 49721532 | G | A | Crohn disease | European | 18587394 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | High light scatter percentage of red cells | European | 27863252 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | High light scatter reticulocyte count | European | 27863252 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Immature fraction of reticulocytes | European | 27863252 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Reticulocyte count | European | 27863252 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Reticulocyte fraction of red cells | European | 27863252 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Crohns disease | European | 18587394 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Crohns disease | European | 19915574 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Crohns disease | European | 21102463 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Crohns disease | European | 21150878 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Crohns disease | European | 21297633 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Inflammatory bowel disease | European | 23128233 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Irritable bowel disorder | European | 19915574 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 21151127 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 23603763 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Selective immunoglobulin A deficiency IgAD | European | 20694011 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Ulcerative colitis | European | 20228799 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Ulcerative colitis | European | 21297633 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Crohns disease | European | 23128233 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Crohns disease | European | 26192919 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Inflammatory bowel disease | European | 26192919 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Ulcerative colitis | European | 23128233 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Ulcerative colitis | European | 26192919 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 27992413 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Crohns disease | European | 18587394 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Crohns disease | European | 21102463 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Crohns disease | European | 26192919 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Crohns disease | Mixed | 28067908 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Inflammatory bowel disease | European | 23128233 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Inflammatory bowel disease | Mixed | 28067908 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 21151127 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 27992413 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Ulcerative colitis | European | 20228799 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Ulcerative colitis | European | 26192919 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Ulcerative colitis | Mixed | 28067908 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Age at menarche | European | 25231870 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Years of educational attainment in females | European | 27225129 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Years of educational attainment in males | European | 27225129 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Years of educational attainment | European | 27225129 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Cholangitis sclerosing | European | 21151127 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Colitis ulcerative | European | 20228799 |
| rs3197999 | DOCK9 | 3 | 49721532 | G | A | Crohn disease | European | 18587394 |
| rs635634 | ENG | 9 | 136155000 | T | C | Granulocyte count | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Hematocrit | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Hemoglobin concentration | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Lymphocyte percentage of white cells | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Monocyte count | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Myeloid white cell count | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Neutrophil count | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Platelet distribution width | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Red blood cell count | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Red cell distribution width | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Sum basophil neutrophil counts | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Sum eosinophil basophil counts | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Sum neutrophil eosinophil counts | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | White blood cell count | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Coronary artery disease | Mixed | 26343387 |
| rs635634 | ENG | 9 | 136155000 | T | C | Myocardial infarction | Mixed | 26343387 |
| rs635634 | ENG | 9 | 136155000 | T | C | Low density lipoprotein | European | 24097068 |
| rs635634 | ENG | 9 | 136155000 | T | C | Low density lipoprotein | Mixed | 20686565 |
| rs635634 | ENG | 9 | 136155000 | T | C | Total cholesterol | European | 24097068 |
| rs635634 | ENG | 9 | 136155000 | T | C | Total cholesterol | Mixed | 20686565 |
| rs635634 | ENG | 9 | 136155000 | T | C | Circulating galectin 3 levels | European | 23056639 |
| rs635634 | ENG | 9 | 136155000 | T | C | Venous thrombosis | European | 22675575 |
| rs635634 | ENG | 9 | 136155000 | T | C | Cholesterol total | Mixed | 20686565 |
| rs635634 | ENG | 9 | 136155000 | T | C | Cholesterol total | European | 24097068 |
| rs635634 | ENG | 9 | 136155000 | T | C | GIP levels in response to oral glucose tolerance test 120 minutes | European | 29093273 |
| rs635634 | ENG | 9 | 136155000 | T | C | Granulocyte count | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Ischemic stroke | European | 27997041 |
| rs635634 | ENG | 9 | 136155000 | T | C | LDL cholesterol | Mixed | 20686565 |
| rs635634 | ENG | 9 | 136155000 | T | C | LDL cholesterol | European | 24097068 |
| rs635634 | ENG | 9 | 136155000 | T | C | Myeloid white cell count | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Neutrophil count | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Sum basophil neutrophil counts | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Sum neutrophil eosinophil counts | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Tonsillectomy | European | 27182965 |
| rs635634 | ENG | 9 | 136155000 | T | C | Tonsillectomy | European | 28928442 |
| rs635634 | ENG | 9 | 136155000 | T | C | Type 2 diabetes | European | 28566273 |
| rs635634 | ENG | 9 | 136155000 | T | C | White blood cell count | European | 27863252 |
| rs635634 | ENG | 9 | 136155000 | T | C | Coronary artery disease | Mixed | 28714975 |
| rs635634 | ENG | 9 | 136155000 | T | C | High grade serous ovarian cancer | European | 28346442 |
| rs635634 | ENG | 9 | 136155000 | T | C | Invasive ovarian cancer | European | 28346442 |
| rs635634 | ENG | 9 | 136155000 | T | C | Serous invasive ovarian cancer | European | 28346442 |
| rs635634 | ENG | 9 | 136155000 | T | C | Alkaline phosphatase | European | 28887542 |
| rs635634 | ENG | 9 | 136155000 | T | C | Ferritin | European | 28887542 |
| rs635634 | ENG | 9 | 136155000 | T | C | Coronary artery disease | Mixed | 29212778 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | Granulocyte count | European | 27863252 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | Hematocrit | European | 27863252 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | Hemoglobin concentration | European | 27863252 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | Mean corpuscular volume | European | 27863252 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | Monocyte count | European | 27863252 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | Myeloid white cell count | European | 27863252 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | Neutrophil count | European | 27863252 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | Red blood cell count | European | 27863252 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | Red cell distribution width | European | 27863252 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | Sum basophil neutrophil counts | European | 27863252 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | Sum neutrophil eosinophil counts | European | 27863252 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | White blood cell count | European | 27863252 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | Myocardial infarction | Mixed | 26343387 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | Venous thrombosis | European | 22675575 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | LDL cholesterol | European | 25961943 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | High grade serous ovarian cancer | European | 28346442 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | Serous invasive ovarian cancer | European | 28346442 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | Alkaline phosphatase | European | 28887542 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | Ferritin | European | 28887542 |
| rs550057 | FAM177A1 | 9 | 136146597 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs679574 | FAM177A1 | 19 | 49206108 | C | G | Mean platelet volume | European | 27863252 |
| rs679574 | FAM177A1 | 19 | 49206108 | C | G | Total cholesterol | European | 24097068 |
| rs679574 | FAM177A1 | 19 | 49206108 | C | G | Total cholesterol | Mixed | 20686565 |
| rs679574 | FAM177A1 | 19 | 49206108 | C | G | Total cholesterol | Mixed | 20686565 |
| rs679574 | FAM177A1 | 19 | 49206108 | C | G | Crohns disease | European | 26192919 |
| rs679574 | FAM177A1 | 19 | 49206108 | C | G | Alkaline phosphatase | European | 28887542 |
| rs371314787 | FASLG (soluble) | 3 | 49709912 | - | T | High light scatter percentage of red cells | European | 27863252 |
| rs371314787 | FASLG (soluble) | 3 | 49709912 | - | T | High light scatter reticulocyte count | European | 27863252 |
| rs371314787 | FASLG (soluble) | 3 | 49709912 | - | T | Immature fraction of reticulocytes | European | 27863252 |
| rs371314787 | FASLG (soluble) | 3 | 49709912 | - | T | Mean corpuscular volume | European | 27863252 |
| rs371314787 | FASLG (soluble) | 3 | 49709912 | - | T | Reticulocyte count | European | 27863252 |
| rs371314787 | FASLG (soluble) | 3 | 49709912 | - | T | Reticulocyte fraction of red cells | European | 27863252 |
| rs601338 | GOLM1 | 19 | 49206674 | A | G | Mean platelet volume | European | 27863252 |
| rs601338 | GOLM1 | 19 | 49206674 | A | G | Total cholesterol | European | 24097068 |
| rs601338 | GOLM1 | 19 | 49206674 | A | G | Total cholesterol | Mixed | 20686565 |
| rs601338 | GOLM1 | 19 | 49206674 | A | G | Alkaline phosphatase ALP in plasma | Mixed | 22001757 |
| rs601338 | GOLM1 | 19 | 49206674 | A | G | Gamma glutamyl transferase | Mixed | 22001757 |
| rs601338 | GOLM1 | 19 | 49206674 | A | G | Total cholesterol | Mixed | 20686565 |
| rs601338 | GOLM1 | 19 | 49206674 | A | G | Vitamin B12 female | European | 18776911 |
| rs601338 | GOLM1 | 19 | 49206674 | A | G | Crohns disease | European | 23128233 |
| rs601338 | GOLM1 | 19 | 49206674 | A | G | Crohns disease | European | 26192919 |
| rs601338 | GOLM1 | 19 | 49206674 | A | G | Blood metabolite levels | European | 24816252 |
| rs601338 | GOLM1 | 19 | 49206674 | A | G | Blood metabolite ratios | European | 24816252 |
| rs601338 | GOLM1 | 19 | 49206674 | A | G | Alkaline phosphatase | European | 28887542 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Granulocyte count | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Hematocrit | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Hemoglobin concentration | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Lymphocyte percentage of white cells | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Monocyte count | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Myeloid white cell count | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Neutrophil count | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Platelet distribution width | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Red blood cell count | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Red cell distribution width | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Sum basophil neutrophil counts | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Sum eosinophil basophil counts | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Sum neutrophil eosinophil counts | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | White blood cell count | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Coronary artery disease | Mixed | 26343387 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Myocardial infarction | Mixed | 26343387 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Low density lipoprotein | European | 24097068 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Low density lipoprotein | Mixed | 20686565 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Total cholesterol | European | 24097068 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Total cholesterol | Mixed | 20686565 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Circulating galectin 3 levels | European | 23056639 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Venous thrombosis | European | 22675575 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Cholesterol total | Mixed | 20686565 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Cholesterol total | European | 24097068 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | GIP levels in response to oral glucose tolerance test 120 minutes | European | 29093273 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Granulocyte count | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Ischemic stroke | European | 27997041 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | LDL cholesterol | Mixed | 20686565 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | LDL cholesterol | European | 24097068 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Myeloid white cell count | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Neutrophil count | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Sum basophil neutrophil counts | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Sum neutrophil eosinophil counts | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Tonsillectomy | European | 27182965 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Tonsillectomy | European | 28928442 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Type 2 diabetes | European | 28566273 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | White blood cell count | European | 27863252 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Coronary artery disease | Mixed | 28714975 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | High grade serous ovarian cancer | European | 28346442 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Invasive ovarian cancer | European | 28346442 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Serous invasive ovarian cancer | European | 28346442 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Alkaline phosphatase | European | 28887542 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Ferritin | European | 28887542 |
| rs635634 | IGFIR (soluble) | 9 | 136155000 | T | C | Coronary artery disease | Mixed | 29212778 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Granulocyte count | European | 27863252 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Hematocrit | European | 27863252 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Hemoglobin concentration | European | 27863252 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Lymphocyte percentage of white cells | European | 27863252 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Monocyte count | European | 27863252 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Myeloid white cell count | European | 27863252 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Neutrophil count | European | 27863252 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Platelet distribution width | European | 27863252 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Red blood cell count | European | 27863252 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Red cell distribution width | European | 27863252 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Sum basophil neutrophil counts | European | 27863252 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Sum eosinophil basophil counts | European | 27863252 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Sum neutrophil eosinophil counts | European | 27863252 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | White blood cell count | European | 27863252 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Myocardial infarction | Mixed | 26343387 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Low density lipoprotein | European | 24097068 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Total cholesterol | European | 24097068 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Venous thromboembolism | Mixed | 22672568 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Venous thrombosis | European | 22675575 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Allergy | European | 27182965 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Venous thromboembolism | Mixed | 22672568 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Venous thromboembolism | European | 28373160 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 28714975 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | High grade serous ovarian cancer | European | 28346442 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Invasive ovarian cancer | European | 28346442 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Serous invasive ovarian cancer | European | 28346442 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Alkaline phosphatase | European | 28887542 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Ferritin | European | 28887542 |
| rs2519093 | IL3RA | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs507666 | IR | 9 | 136149399 | A | G | Granulocyte count | European | 27863252 |
| rs507666 | IR | 9 | 136149399 | A | G | Hematocrit | European | 27863252 |
| rs507666 | IR | 9 | 136149399 | A | G | Hemoglobin concentration | European | 27863252 |
| rs507666 | IR | 9 | 136149399 | A | G | Lymphocyte percentage of white cells | European | 27863252 |
| rs507666 | IR | 9 | 136149399 | A | G | Monocyte count | European | 27863252 |
| rs507666 | IR | 9 | 136149399 | A | G | Myeloid white cell count | European | 27863252 |
| rs507666 | IR | 9 | 136149399 | A | G | Neutrophil count | European | 27863252 |
| rs507666 | IR | 9 | 136149399 | A | G | Platelet distribution width | European | 27863252 |
| rs507666 | IR | 9 | 136149399 | A | G | Red blood cell count | European | 27863252 |
| rs507666 | IR | 9 | 136149399 | A | G | Red cell distribution width | European | 27863252 |
| rs507666 | IR | 9 | 136149399 | A | G | Sum basophil neutrophil counts | European | 27863252 |
| rs507666 | IR | 9 | 136149399 | A | G | Sum eosinophil basophil counts | European | 27863252 |
| rs507666 | IR | 9 | 136149399 | A | G | Sum neutrophil eosinophil counts | European | 27863252 |
| rs507666 | IR | 9 | 136149399 | A | G | White blood cell count | European | 27863252 |
| rs507666 | IR | 9 | 136149399 | A | G | Coronary artery disease | Mixed | 26343387 |
| rs507666 | IR | 9 | 136149399 | A | G | Myocardial infarction | Mixed | 26343387 |
| rs507666 | IR | 9 | 136149399 | A | G | Low density lipoprotein | European | 24097068 |
| rs507666 | IR | 9 | 136149399 | A | G | Total cholesterol | European | 24097068 |
| rs507666 | IR | 9 | 136149399 | A | G | LDL cholesterol large lipoprotein fraction concentration | European | 19936222 |
| rs507666 | IR | 9 | 136149399 | A | G | LDL cholesterol lipoprotein fraction concentration | European | 19936222 |
| rs507666 | IR | 9 | 136149399 | A | G | LDL cholesterol lipoprotein fraction concentration in fasting sample | European | 19936222 |
| rs507666 | IR | 9 | 136149399 | A | G | Plasma carcinoembryonic antigen CEA levels | East Asian | 23300138 |
| rs507666 | IR | 9 | 136149399 | A | G | Plasma soluble intercellular adhesion molecule 1 ICAM 1 females | European | 18604267 |
| rs507666 | IR | 9 | 136149399 | A | G | Soluble intercellular adhesion molecule 1 ICAM 1 | European | 21533024 |
| rs507666 | IR | 9 | 136149399 | A | G | VLDL cholesterol mean size lipoprotein fraction concentration | European | 19936222 |
| rs507666 | IR | 9 | 136149399 | A | G | VLDL cholesterol small lipoprotein fraction concentration | European | 19936222 |
| rs507666 | IR | 9 | 136149399 | A | G | VLDL cholesterol small lipoprotein fraction concentration in fasting sample | European | 19936222 |
| rs507666 | IR | 9 | 136149399 | A | G | Venous thrombosis | European | 22675575 |
| rs507666 | IR | 9 | 136149399 | A | G | Blood protein levels | European | 28240269 |
| rs507666 | IR | 9 | 136149399 | A | G | Cholesterol total | European | 25961943 |
| rs507666 | IR | 9 | 136149399 | A | G | Coronary artery disease | Mixed | 28714975 |
| rs507666 | IR | 9 | 136149399 | A | G | Coronary artery disease | Mixed | 29212778 |
| rs507666 | IR | 9 | 136149399 | A | G | Lipid traits | East Asian | 24386095 |
| rs507666 | IR | 9 | 136149399 | A | G | Lipid traits | East Asian | 24386095 |
| rs507666 | IR | 9 | 136149399 | A | G | Soluble ICAM 1 | European | 18604267 |
| rs507666 | IR | 9 | 136149399 | A | G | Soluble ICAM 1 | European | 21533024 |
| rs507666 | IR | 9 | 136149399 | A | G | Coronary artery disease | Mixed | 28714975 |
| rs507666 | IR | 9 | 136149399 | A | G | High grade serous ovarian cancer | European | 28346442 |
| rs507666 | IR | 9 | 136149399 | A | G | Invasive ovarian cancer | European | 28346442 |
| rs507666 | IR | 9 | 136149399 | A | G | Serous invasive ovarian cancer | European | 28346442 |
| rs507666 | IR | 9 | 136149399 | A | G | Alkaline phosphatase | European | 28887542 |
| rs507666 | IR | 9 | 136149399 | A | G | Ferritin | European | 28887542 |
| rs507666 | IR | 9 | 136149399 | A | G | Intercellular adhesion molecule 1 | European | 18604267 |
| rs507666 | IR | 9 | 136149399 | A | G | Intercellular adhesion molecule 1 | European | 21533024 |
| rs507666 | IR | 9 | 136149399 | A | G | Coronary artery disease | Mixed | 29212778 |
| rs115478735 | ISLR2 | 9 | 136149711 | A | T | Granulocyte count | European | 27863252 |
| rs115478735 | ISLR2 | 9 | 136149711 | A | T | Hematocrit | European | 27863252 |
| rs115478735 | ISLR2 | 9 | 136149711 | A | T | Hemoglobin concentration | European | 27863252 |
| rs115478735 | ISLR2 | 9 | 136149711 | A | T | Lymphocyte percentage of white cells | European | 27863252 |
| rs115478735 | ISLR2 | 9 | 136149711 | A | T | Monocyte count | European | 27863252 |
| rs115478735 | ISLR2 | 9 | 136149711 | A | T | Myeloid white cell count | European | 27863252 |
| rs115478735 | ISLR2 | 9 | 136149711 | A | T | Neutrophil count | European | 27863252 |
| rs115478735 | ISLR2 | 9 | 136149711 | A | T | Platelet distribution width | European | 27863252 |
| rs115478735 | ISLR2 | 9 | 136149711 | A | T | Red blood cell count | European | 27863252 |
| rs115478735 | ISLR2 | 9 | 136149711 | A | T | Red cell distribution width | European | 27863252 |
| rs115478735 | ISLR2 | 9 | 136149711 | A | T | Sum basophil neutrophil counts | European | 27863252 |
| rs115478735 | ISLR2 | 9 | 136149711 | A | T | Sum eosinophil basophil counts | European | 27863252 |
| rs115478735 | ISLR2 | 9 | 136149711 | A | T | Sum neutrophil eosinophil counts | European | 27863252 |
| rs115478735 | ISLR2 | 9 | 136149711 | A | T | White blood cell count | European | 27863252 |
| rs115478735 | ISLR2 | 9 | 136149711 | A | T | High grade serous ovarian cancer | European | 28346442 |
| rs115478735 | ISLR2 | 9 | 136149711 | A | T | Invasive ovarian cancer | European | 28346442 |
| rs115478735 | ISLR2 | 9 | 136149711 | A | T | Serous invasive ovarian cancer | European | 28346442 |
| rs7041 | JAG1 | 4 | 72618334 | C | A | 25 hydroxy vitamin D concentrations | European | 20541252 |
| rs7041 | JAG1 | 4 | 72618334 | C | A | Circulating 25OHD vitamin D levels | European | 20418485 |
| rs7041 | JAG1 | 4 | 72618334 | C | A | Serum vitamin D binding protein levels | European | 24740207 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | Granulocyte count | European | 27863252 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | Hematocrit | European | 27863252 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | Hemoglobin concentration | European | 27863252 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | Mean corpuscular volume | European | 27863252 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | Monocyte count | European | 27863252 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | Myeloid white cell count | European | 27863252 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | Neutrophil count | European | 27863252 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | Red blood cell count | European | 27863252 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | Red cell distribution width | European | 27863252 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | Sum basophil neutrophil counts | European | 27863252 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | Sum neutrophil eosinophil counts | European | 27863252 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | White blood cell count | European | 27863252 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | Myocardial infarction | Mixed | 26343387 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | Venous thrombosis | European | 22675575 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | LDL cholesterol | European | 25961943 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | High grade serous ovarian cancer | European | 28346442 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | Serous invasive ovarian cancer | European | 28346442 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | Alkaline phosphatase | European | 28887542 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | Ferritin | European | 28887542 |
| rs550057 | JAG1 | 9 | 136146597 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs7412 | KIN | 19 | 45412079 | C | T | High light scatter percentage of red cells | European | 27863252 |
| rs7412 | KIN | 19 | 45412079 | C | T | High light scatter reticulocyte count | European | 27863252 |
| rs7412 | KIN | 19 | 45412079 | C | T | Immature fraction of reticulocytes | European | 27863252 |
| rs7412 | KIN | 19 | 45412079 | C | T | Red cell distribution width | European | 27863252 |
| rs7412 | KIN | 19 | 45412079 | C | T | Reticulocyte count | European | 27863252 |
| rs7412 | KIN | 19 | 45412079 | C | T | Reticulocyte fraction of red cells | European | 27863252 |
| rs7412 | KIN | 19 | 45412079 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs7412 | KIN | 19 | 45412079 | C | T | High density lipoprotein | European | 24097068 |
| rs7412 | KIN | 19 | 45412079 | C | T | Total cholesterol | European | 24097068 |
| rs7412 | KIN | 19 | 45412079 | C | T | Triglycerides | European | 24097068 |
| rs7412 | KIN | 19 | 45412079 | C | T | APOB apolipoprotein B | European | 23100282 |
| rs7412 | KIN | 19 | 45412079 | C | T | APOB apolipoprotein B response after 40mg daily simvastatin treatment | European | 23100282 |
| rs7412 | KIN | 19 | 45412079 | C | T | LDL cholesterol | European | 20838585 |
| rs7412 | KIN | 19 | 45412079 | C | T | LDL cholesterol | European | 23063622 |
| rs7412 | KIN | 19 | 45412079 | C | T | LDL cholesterol | African | 23067351 |
| rs7412 | KIN | 19 | 45412079 | C | T | LDL cholesterol | European | 23100282 |
| rs7412 | KIN | 19 | 45412079 | C | T | LDL cholesterol among a group where cancer diabetes hyper/hypothyroidism and LDL altering medications were not present | African | 23067351 |
| rs7412 | KIN | 19 | 45412079 | C | T | LDL cholesterol change with statins | Mixed | 20031582 |
| rs7412 | KIN | 19 | 45412079 | C | T | LDL cholesterol response after 40mg daily simvastatin treatment | European | 23100282 |
| rs7412 | KIN | 19 | 45412079 | C | T | LDL cholesterol response to statins baseline LDL cholesterol | European | 22331829 |
| rs7412 | KIN | 19 | 45412079 | C | T | LDL cholesterol response to statins fractional change in LDL cholesterol | European | 22331829 |
| rs7412 | KIN | 19 | 45412079 | C | T | LDL cholesterol response to statins residuals of the measure of fractional change in LDL cholesterol | European | 22331829 |
| rs7412 | KIN | 19 | 45412079 | C | T | Late onset Alzheimers disease | Unspecified | 20885792 |
| rs7412 | KIN | 19 | 45412079 | C | T | Late onset Alzheimers disease | European | 21390209 |
| rs7412 | KIN | 19 | 45412079 | C | T | Lipoprotein associated phospholipase A2 activity Lp2 | European | 23118302 |
| rs7412 | KIN | 19 | 45412079 | C | T | Total cholesterol | European | 23063622 |
| rs7412 | KIN | 19 | 45412079 | C | T | Alzheimers disease | European | 24162737 |
| rs7412 | KIN | 19 | 45412079 | C | T | Cholesterol total | European | 25961943 |
| rs7412 | KIN | 19 | 45412079 | C | T | Cholesterol total | European | 28270201 |
| rs7412 | KIN | 19 | 45412079 | C | T | Coronary artery disease | Mixed | 28714975 |
| rs7412 | KIN | 19 | 45412079 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs7412 | KIN | 19 | 45412079 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs7412 | KIN | 19 | 45412079 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs7412 | KIN | 19 | 45412079 | C | T | HDL cholesterol | European | 28270201 |
| rs7412 | KIN | 19 | 45412079 | C | T | High light scatter reticulocyte count | European | 27863252 |
| rs7412 | KIN | 19 | 45412079 | C | T | High light scatter reticulocyte percentage of red cells | European | 27863252 |
| rs7412 | KIN | 19 | 45412079 | C | T | Ideal cardiovascular health clinical and behavioral | European | 27179730 |
| rs7412 | KIN | 19 | 45412079 | C | T | Immature fraction of reticulocytes | European | 27863252 |
| rs7412 | KIN | 19 | 45412079 | C | T | LDL cholesterol | African | 23067351 |
| rs7412 | KIN | 19 | 45412079 | C | T | LDL cholesterol levels | East Asian | 28334899 |
| rs7412 | KIN | 19 | 45412079 | C | T | LDL cholesterol levels | East Asian | 28371326 |
| rs7412 | KIN | 19 | 45412079 | C | T | Lipid metabolism phenotypes | European | 22286219 |
| rs7412 | KIN | 19 | 45412079 | C | T | Lipid traits | Filipino | 24023260 |
| rs7412 | KIN | 19 | 45412079 | C | T | Lipid traits | Filipino | 24023260 |
| rs7412 | KIN | 19 | 45412079 | C | T | Lipoprotein a levels | European | 28512139 |
| rs7412 | KIN | 19 | 45412079 | C | T | Lipoprotein associated phospholipase A2 activity change in response to darapladib treatment in cardiovascular disease | Mixed | 28753643 |
| rs7412 | KIN | 19 | 45412079 | C | T | Lipoprotein phospholipase A2 activity in cardiovascular disease | Mixed | 28753643 |
| rs7412 | KIN | 19 | 45412079 | C | T | Lipoproteina levels adjusted for apolipoproteina isoforms | European | 28512139 |
| rs7412 | KIN | 19 | 45412079 | C | T | Low density lipoprotein cholesterol | Mixed | 28548082 |
| rs7412 | KIN | 19 | 45412079 | C | T | Metabolite levels lipoprotein measures | European | 27005778 |
| rs7412 | KIN | 19 | 45412079 | C | T | Pulse pressure | European | 28135244 |
| rs7412 | KIN | 19 | 45412079 | C | T | Red cell distribution width | European | 27863252 |
| rs7412 | KIN | 19 | 45412079 | C | T | Response to statin therapy LDL C | European | 22331829 |
| rs7412 | KIN | 19 | 45412079 | C | T | Reticulocyte count | European | 27863252 |
| rs7412 | KIN | 19 | 45412079 | C | T | Reticulocyte fraction of red cells | European | 27863252 |
| rs7412 | KIN | 19 | 45412079 | C | T | Total cholesterol levels | Mixed | 28548082 |
| rs7412 | KIN | 19 | 45412079 | C | T | Coronary artery disease | Mixed | 28714975 |
| rs7412 | KIN | 19 | 45412079 | C | T | Low density lipoprotein | European | 28887542 |
| rs7412 | KIN | 19 | 45412079 | C | T | Total cholesterol | European | 28887542 |
| rs7412 | KIN | 19 | 45412079 | C | T | High density lipoprotein | East Asian | 28334899 |
| rs7412 | KIN | 19 | 45412079 | C | T | Low density lipoprotein | East Asian | 28334899 |
| rs7412 | KIN | 19 | 45412079 | C | T | Total cholesterol | East Asian | 28334899 |
| rs7412 | KIN | 19 | 45412079 | C | T | Cholesterol ldl | European | 22331829 |
| rs7412 | KIN | 19 | 45412079 | C | T | Lipid metabolism | European | 22286219 |
| rs7412 | KIN | 19 | 45412079 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs7412 | KIN | 19 | 45412079 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs62143198 | KIN | 19 | 54320939 | A | G | Granulocyte percentage of myeloid white cells | European | 27863252 |
| rs62143198 | KIN | 19 | 54320939 | A | G | Monocyte count | European | 27863252 |
| rs62143198 | KIN | 19 | 54320939 | A | G | Monocyte percentage of white cells | European | 27863252 |
| rs11708955 | KLRF1 | 3 | 49540114 | C | T | High light scatter percentage of red cells | European | 27863252 |
| rs11708955 | KLRF1 | 3 | 49540114 | C | T | High light scatter reticulocyte count | European | 27863252 |
| rs11708955 | KLRF1 | 3 | 49540114 | C | T | Immature fraction of reticulocytes | European | 27863252 |
| rs11708955 | KLRF1 | 3 | 49540114 | C | T | Mean corpuscular volume | European | 27863252 |
| rs11708955 | KLRF1 | 3 | 49540114 | C | T | Reticulocyte count | European | 27863252 |
| rs11708955 | KLRF1 | 3 | 49540114 | C | T | Reticulocyte fraction of red cells | European | 27863252 |
| rs11708955 | KLRF1 | 3 | 49540114 | C | T | Crohns disease | European | 26192919 |
| rs11708955 | KLRF1 | 3 | 49540114 | C | T | Inflammatory bowel disease | European | 26192919 |
| rs11708955 | KLRF1 | 3 | 49540114 | C | T | Ulcerative colitis | European | 26192919 |
| rs11708955 | KLRF1 | 3 | 49540114 | C | T | Primary sclerosing cholangitis | European | 27992413 |
| rs11708955 | KLRF1 | 3 | 49540114 | C | T | Years of educational attainment in females | European | 27225129 |
| rs11708955 | KLRF1 | 3 | 49540114 | C | T | Years of educational attainment in males | European | 27225129 |
| rs11708955 | KLRF1 | 3 | 49540114 | C | T | Years of educational attainment | European | 27225129 |
| rs62143194 | KLRF1 | 19 | 54319624 | C | G | Granulocyte percentage of myeloid white cells | European | 27863252 |
| rs62143194 | KLRF1 | 19 | 54319624 | C | G | Monocyte count | European | 27863252 |
| rs62143194 | KLRF1 | 19 | 54319624 | C | G | Monocyte percentage of white cells | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Granulocyte count | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Hematocrit | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Hemoglobin concentration | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Lymphocyte percentage of white cells | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Monocyte count | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Myeloid white cell count | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Neutrophil count | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Platelet distribution width | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Red blood cell count | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Red cell distribution width | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Sum basophil neutrophil counts | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Sum eosinophil basophil counts | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Sum neutrophil eosinophil counts | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | White blood cell count | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Coronary artery disease | Mixed | 26343387 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Myocardial infarction | Mixed | 26343387 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Low density lipoprotein | European | 24097068 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Low density lipoprotein | Mixed | 20686565 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Total cholesterol | European | 24097068 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Total cholesterol | Mixed | 20686565 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Circulating galectin 3 levels | European | 23056639 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Venous thrombosis | European | 22675575 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Cholesterol total | Mixed | 20686565 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Cholesterol total | European | 24097068 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | GIP levels in response to oral glucose tolerance test 120 minutes | European | 29093273 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Granulocyte count | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Ischemic stroke | European | 27997041 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | LDL cholesterol | Mixed | 20686565 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | LDL cholesterol | European | 24097068 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Myeloid white cell count | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Neutrophil count | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Sum basophil neutrophil counts | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Sum neutrophil eosinophil counts | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Tonsillectomy | European | 27182965 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Tonsillectomy | European | 28928442 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Type 2 diabetes | European | 28566273 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | White blood cell count | European | 27863252 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Coronary artery disease | Mixed | 28714975 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | High grade serous ovarian cancer | European | 28346442 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Invasive ovarian cancer | European | 28346442 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Serous invasive ovarian cancer | European | 28346442 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Alkaline phosphatase | European | 28887542 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Ferritin | European | 28887542 |
| rs635634 | LIFR (soluble) | 9 | 136155000 | T | C | Coronary artery disease | Mixed | 29212778 |
| rs635634 | MET | 9 | 136155000 | T | C | Granulocyte count | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Hematocrit | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Hemoglobin concentration | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Lymphocyte percentage of white cells | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Monocyte count | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Myeloid white cell count | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Neutrophil count | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Platelet distribution width | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Red blood cell count | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Red cell distribution width | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Sum basophil neutrophil counts | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Sum eosinophil basophil counts | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Sum neutrophil eosinophil counts | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | White blood cell count | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Coronary artery disease | Mixed | 26343387 |
| rs635634 | MET | 9 | 136155000 | T | C | Myocardial infarction | Mixed | 26343387 |
| rs635634 | MET | 9 | 136155000 | T | C | Low density lipoprotein | European | 24097068 |
| rs635634 | MET | 9 | 136155000 | T | C | Low density lipoprotein | Mixed | 20686565 |
| rs635634 | MET | 9 | 136155000 | T | C | Total cholesterol | European | 24097068 |
| rs635634 | MET | 9 | 136155000 | T | C | Total cholesterol | Mixed | 20686565 |
| rs635634 | MET | 9 | 136155000 | T | C | Circulating galectin 3 levels | European | 23056639 |
| rs635634 | MET | 9 | 136155000 | T | C | Venous thrombosis | European | 22675575 |
| rs635634 | MET | 9 | 136155000 | T | C | Cholesterol total | Mixed | 20686565 |
| rs635634 | MET | 9 | 136155000 | T | C | Cholesterol total | European | 24097068 |
| rs635634 | MET | 9 | 136155000 | T | C | GIP levels in response to oral glucose tolerance test 120 minutes | European | 29093273 |
| rs635634 | MET | 9 | 136155000 | T | C | Granulocyte count | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Ischemic stroke | European | 27997041 |
| rs635634 | MET | 9 | 136155000 | T | C | LDL cholesterol | Mixed | 20686565 |
| rs635634 | MET | 9 | 136155000 | T | C | LDL cholesterol | European | 24097068 |
| rs635634 | MET | 9 | 136155000 | T | C | Myeloid white cell count | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Neutrophil count | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Sum basophil neutrophil counts | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Sum neutrophil eosinophil counts | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Tonsillectomy | European | 27182965 |
| rs635634 | MET | 9 | 136155000 | T | C | Tonsillectomy | European | 28928442 |
| rs635634 | MET | 9 | 136155000 | T | C | Type 2 diabetes | European | 28566273 |
| rs635634 | MET | 9 | 136155000 | T | C | White blood cell count | European | 27863252 |
| rs635634 | MET | 9 | 136155000 | T | C | Coronary artery disease | Mixed | 28714975 |
| rs635634 | MET | 9 | 136155000 | T | C | High grade serous ovarian cancer | European | 28346442 |
| rs635634 | MET | 9 | 136155000 | T | C | Invasive ovarian cancer | European | 28346442 |
| rs635634 | MET | 9 | 136155000 | T | C | Serous invasive ovarian cancer | European | 28346442 |
| rs635634 | MET | 9 | 136155000 | T | C | Alkaline phosphatase | European | 28887542 |
| rs635634 | MET | 9 | 136155000 | T | C | Ferritin | European | 28887542 |
| rs635634 | MET | 9 | 136155000 | T | C | Coronary artery disease | Mixed | 29212778 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Granulocyte percentage of myeloid white cells | European | 27863252 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Hematocrit | European | 27863252 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Hemoglobin concentration | European | 27863252 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Mean corpuscular hemoglobin | European | 27863252 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Mean corpuscular hemoglobin concentration | European | 27863252 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Mean corpuscular volume | European | 27863252 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Monocyte percentage of white cells | European | 27863252 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Platelet count | European | 27863252 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Plateletcrit | European | 27863252 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Red blood cell count | European | 27863252 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Red cell distribution width | European | 27863252 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Reticulocyte count | European | 27863252 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Low density lipoprotein | European | 24097068 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Activated partial thromboplastin time | European | 22703881 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Factor XIII antigen | European | 23381943 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Hemoglobin Hb | Mixed | 23222517 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Plasma carcinoembryonic antigen CEA levels | East Asian | 23300138 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Red blood cell count RBC | Mixed | 23222517 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | von Willebrand factor vWF | European | 23381943 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | End stage coagulation | European | 23381943 |
| rs8176743 | NOTCH1 | 9 | 136131415 | T | C | Intraocular pressure | Mixed | 25173106 |
| rs13093385 | PRDM1 | 3 | 49710479 | A | T | High light scatter percentage of red cells | European | 27863252 |
| rs13093385 | PRDM1 | 3 | 49710479 | A | T | High light scatter reticulocyte count | European | 27863252 |
| rs13093385 | PRDM1 | 3 | 49710479 | A | T | Immature fraction of reticulocytes | European | 27863252 |
| rs13093385 | PRDM1 | 3 | 49710479 | A | T | Mean corpuscular volume | European | 27863252 |
| rs13093385 | PRDM1 | 3 | 49710479 | A | T | Reticulocyte count | European | 27863252 |
| rs13093385 | PRDM1 | 3 | 49710479 | A | T | Reticulocyte fraction of red cells | European | 27863252 |
| rs13093385 | PRDM1 | 3 | 49710479 | A | T | Crohns disease | European | 26192919 |
| rs13093385 | PRDM1 | 3 | 49710479 | A | T | Inflammatory bowel disease | European | 26192919 |
| rs13093385 | PRDM1 | 3 | 49710479 | A | T | Ulcerative colitis | European | 26192919 |
| rs13093385 | PRDM1 | 3 | 49710479 | A | T | Years of educational attainment in females | European | 27225129 |
| rs13093385 | PRDM1 | 3 | 49710479 | A | T | Years of educational attainment in males | European | 27225129 |
| rs13093385 | PRDM1 | 3 | 49710479 | A | T | Years of educational attainment | European | 27225129 |
| rs1303 | PSD | 14 | 94844843 | G | T | Metabolite levels | European | 22916037 |
| rs429358 | PSD | 19 | 45411941 | C | T | Platelet count | European | 27863252 |
| rs429358 | PSD | 19 | 45411941 | C | T | Plateletcrit | European | 27863252 |
| rs429358 | PSD | 19 | 45411941 | C | T | Red cell distribution width | European | 27863252 |
| rs429358 | PSD | 19 | 45411941 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs429358 | PSD | 19 | 45411941 | C | T | Myocardial infarction | Mixed | 26343387 |
| rs429358 | PSD | 19 | 45411941 | C | T | Type II diabetes | European | 28566273 |
| rs429358 | PSD | 19 | 45411941 | C | T | Age-related macular degeneration | European | 26691988 |
| rs429358 | PSD | 19 | 45411941 | C | T | APOE apolipoprotein E | European | 21418511 |
| rs429358 | PSD | 19 | 45411941 | C | T | APOE apolipoprotein E females | European | 21418511 |
| rs429358 | PSD | 19 | 45411941 | C | T | APOE apolipoprotein E males | European | 21418511 |
| rs429358 | PSD | 19 | 45411941 | C | T | Alzheimers disease | Mixed | 19668339 |
| rs429358 | PSD | 19 | 45411941 | C | T | Alzheimers disease age of onset | European | 22005931 |
| rs429358 | PSD | 19 | 45411941 | C | T | Cognitive ageing | European | 23207651 |
| rs429358 | PSD | 19 | 45411941 | C | T | Cognitive ageing females | European | 23207651 |
| rs429358 | PSD | 19 | 45411941 | C | T | Cortical amyloid beta load | European | 23419831 |
| rs429358 | PSD | 19 | 45411941 | C | T | LDL cholesterol change with statins | Mixed | 20031582 |
| rs429358 | PSD | 19 | 45411941 | C | T | Late onset Alzheimers disease | Unspecified | 20885792 |
| rs429358 | PSD | 19 | 45411941 | C | T | Late onset Alzheimers disease | European | 21390209 |
| rs429358 | PSD | 19 | 45411941 | C | T | Late onset Alzheimers disease | African | 23571587 |
| rs429358 | PSD | 19 | 45411941 | C | T | Advanced age related macular degeneration | Mixed | 26691988 |
| rs429358 | PSD | 19 | 45411941 | C | T | Alzheimers disease biomarkers | European | 23419831 |
| rs429358 | PSD | 19 | 45411941 | C | T | Blood protein levels | European | 28240269 |
| rs429358 | PSD | 19 | 45411941 | C | T | Brain imaging | European | 20100581 |
| rs429358 | PSD | 19 | 45411941 | C | T | Cerebral amyloid deposition PET imaging | European | 26252872 |
| rs429358 | PSD | 19 | 45411941 | C | T | Cerebral amyloid deposition positivity PET imaging | European | 26252872 |
| rs429358 | PSD | 19 | 45411941 | C | T | Cerebrospinal AB1 42 levels in Alzheimers disease dementia | European | 25027320 |
| rs429358 | PSD | 19 | 45411941 | C | T | Cognitive decline age related | African | 28078323 |
| rs429358 | PSD | 19 | 45411941 | C | T | Dementia with Lewy bodies | European | 29263008 |
| rs429358 | PSD | 19 | 45411941 | C | T | HDL cholesterol | European | 25961943 |
| rs429358 | PSD | 19 | 45411941 | C | T | Lewy body disease | Unspecified | 25188341 |
| rs429358 | PSD | 19 | 45411941 | C | T | Lewy body disease | Unspecified | 25188341 |
| rs429358 | PSD | 19 | 45411941 | C | T | Lewy body disease | Unspecified | 25188341 |
| rs429358 | PSD | 19 | 45411941 | C | T | Lifespan | Mixed | 27029810 |
| rs429358 | PSD | 19 | 45411941 | C | T | Parental lifespan | Mixed | 29030599 |
| rs429358 | PSD | 19 | 45411941 | C | T | Platelet count | European | 27863252 |
| rs429358 | PSD | 19 | 45411941 | C | T | Red cell distribution width | European | 27863252 |
| rs429358 | PSD | 19 | 45411941 | C | T | Coronary artery disease | Mixed | 28714975 |
| rs429358 | PSD | 19 | 45411941 | C | T | C-reactive protein | European | 28887542 |
| rs429358 | PSD | 19 | 45411941 | C | T | Low density lipoprotein | European | 28887542 |
| rs429358 | PSD | 19 | 45411941 | C | T | Total cholesterol | European | 28887542 |
| rs429358 | PSD | 19 | 45411941 | C | T | Posterior cortical atrophy | Mixed | 26993346 |
| rs429358 | PSD | 19 | 45411941 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs429358 | PSD | 19 | 45411941 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Hematocrit | European | 27863252 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Hemoglobin concentration | European | 27863252 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Red blood cell count | European | 27863252 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist circumference | European | 25673412 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist circumference adjusted for BMI | Mixed | 25673412 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio in physically active females | Mixed | 28448500 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio in physically active individuals | European | 28448500 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio in physically active individuals | Mixed | 28448500 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio in females | European | 23754948 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio in females | Mixed | 25673412 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio in males | Mixed | 25673412 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio in female non-smokers | Mixed | 28443625 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio in non-smokers | European | 28443625 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio in non-smokers | Mixed | 28443625 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio adjusted for physical activity in females | Mixed | 28448500 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio adjusted for physical activity | European | 28448500 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio adjusted for physical activity | Mixed | 28448500 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist circumference adjusted for smoking in females | Mixed | 28443625 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio adjusted for smoking | European | 28443625 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio adjusted for smoking | Mixed | 28443625 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio | European | 20935629 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio | European | 23754948 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio | European | 25673412 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio | Mixed | 25673412 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio adjusted for BMI in females greater than 50 years of age | European | 26426971 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio adjusted for BMI in females less than or equal to 50 years of age | European | 26426971 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio adjusted for BMI in males greater than 50 years of age | European | 26426971 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio adjusted for BMI | Mixed | 25673412 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist circumference in physically active individuals | European | 28448500 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist circumference in physically active individuals | Mixed | 28448500 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist circumference in female non-smokers | Mixed | 28443625 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist circumference in non-smokers | European | 28443625 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist circumference in non-smokers | Mixed | 28443625 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist circumference adjusted for physical activity | European | 28448500 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist circumference adjusted for smoking in females | Mixed | 28443625 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist circumference adjusted for smoking | European | 28443625 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist circumference adjusted for smoking | Mixed | 28443625 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | High density lipoprotein | European | 24097068 |
| rs2489623 | RSPO3 | 6 | 127455821 | A | C | Waist hip ratio | European | 20935629 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Granulocyte count | European | 27863252 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Hematocrit | European | 27863252 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Hemoglobin concentration | European | 27863252 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Lymphocyte percentage of white cells | European | 27863252 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Monocyte count | European | 27863252 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Myeloid white cell count | European | 27863252 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Neutrophil count | European | 27863252 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Platelet distribution width | European | 27863252 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Red blood cell count | European | 27863252 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Red cell distribution width | European | 27863252 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Sum basophil neutrophil counts | European | 27863252 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Sum eosinophil basophil counts | European | 27863252 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Sum neutrophil eosinophil counts | European | 27863252 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | White blood cell count | European | 27863252 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Myocardial infarction | Mixed | 26343387 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Low density lipoprotein | European | 24097068 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Total cholesterol | European | 24097068 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Venous thromboembolism | Mixed | 22672568 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Venous thrombosis | European | 22675575 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Allergy | European | 27182965 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Venous thromboembolism | Mixed | 22672568 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Venous thromboembolism | European | 28373160 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 28714975 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | High grade serous ovarian cancer | European | 28346442 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Invasive ovarian cancer | European | 28346442 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Serous invasive ovarian cancer | European | 28346442 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Alkaline phosphatase | European | 28887542 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Ferritin | European | 28887542 |
| rs2519093 | SELE (soluble) | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs6136 | SELP | 1 | 169563951 | T | G | Soluble P selectin | European | 20167578 |
| rs6136 | SELP | 1 | 169563951 | T | G | Blood protein levels | European | 28240269 |
| rs6136 | SELP | 1 | 169563951 | T | G | Soluble levels of adhesion molecules | European | 20167578 |
| rs6136 | SELP | 1 | 169563951 | T | G | P selectin | European | 20167578 |
| rs74227709 | SELP | 1 | 247722588 | A | G | High light scatter percentage of red cells | European | 27863252 |
| rs74227709 | SELP | 1 | 247722588 | A | G | High light scatter reticulocyte count | European | 27863252 |
| rs74227709 | SELP | 1 | 247722588 | A | G | Mean platelet volume | European | 27863252 |
| rs74227709 | SELP | 1 | 247722588 | A | G | Platelet count | European | 27863252 |
| rs74227709 | SELP | 1 | 247722588 | A | G | Platelet distribution width | European | 27863252 |
| rs74227709 | SELP | 1 | 247722588 | A | G | Plateletcrit | European | 27863252 |
| rs74227709 | SELP | 1 | 247722588 | A | G | Reticulocyte count | European | 27863252 |
| rs74227709 | SELP | 1 | 247722588 | A | G | Reticulocyte fraction of red cells | European | 27863252 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Granulocyte count | European | 27863252 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Hematocrit | European | 27863252 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Hemoglobin concentration | European | 27863252 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Lymphocyte percentage of white cells | European | 27863252 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Monocyte count | European | 27863252 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Myeloid white cell count | European | 27863252 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Neutrophil count | European | 27863252 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Platelet distribution width | European | 27863252 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Red blood cell count | European | 27863252 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Red cell distribution width | European | 27863252 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Sum basophil neutrophil counts | European | 27863252 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Sum eosinophil basophil counts | European | 27863252 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Sum neutrophil eosinophil counts | European | 27863252 |
| rs2519093 | SELP | 9 | 136141870 | C | T | White blood cell count | European | 27863252 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Myocardial infarction | Mixed | 26343387 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Low density lipoprotein | European | 24097068 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Total cholesterol | European | 24097068 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Venous thromboembolism | Mixed | 22672568 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Venous thrombosis | European | 22675575 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Allergy | European | 27182965 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Venous thromboembolism | Mixed | 22672568 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Venous thromboembolism | European | 28373160 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 28714975 |
| rs2519093 | SELP | 9 | 136141870 | C | T | High grade serous ovarian cancer | European | 28346442 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Invasive ovarian cancer | European | 28346442 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Serous invasive ovarian cancer | European | 28346442 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Alkaline phosphatase | European | 28887542 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Ferritin | European | 28887542 |
| rs2519093 | SELP | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Granulocyte percentage of myeloid white cells | European | 27863252 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Hematocrit | European | 27863252 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Hemoglobin concentration | European | 27863252 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Mean corpuscular hemoglobin | European | 27863252 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Mean corpuscular hemoglobin concentration | European | 27863252 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Mean corpuscular volume | European | 27863252 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Monocyte percentage of white cells | European | 27863252 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Platelet count | European | 27863252 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Plateletcrit | European | 27863252 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Red blood cell count | European | 27863252 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Red cell distribution width | European | 27863252 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Reticulocyte count | European | 27863252 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Low density lipoprotein | European | 24097068 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Activated partial thromboplastin time | European | 22703881 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Factor XIII antigen | European | 23381943 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Hemoglobin Hb | Mixed | 23222517 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Plasma carcinoembryonic antigen CEA levels | East Asian | 23300138 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Red blood cell count RBC | Mixed | 23222517 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | von Willebrand factor vWF | European | 23381943 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | End stage coagulation | European | 23381943 |
| rs8176743 | SEMA6A | 9 | 136131415 | T | C | Intraocular pressure | Mixed | 25173106 |
| rs6770670 | STOM | 3 | 49686682 | C | T | High light scatter percentage of red cells | European | 27863252 |
| rs6770670 | STOM | 3 | 49686682 | C | T | High light scatter reticulocyte count | European | 27863252 |
| rs6770670 | STOM | 3 | 49686682 | C | T | Immature fraction of reticulocytes | European | 27863252 |
| rs6770670 | STOM | 3 | 49686682 | C | T | Mean corpuscular volume | European | 27863252 |
| rs6770670 | STOM | 3 | 49686682 | C | T | Reticulocyte count | European | 27863252 |
| rs6770670 | STOM | 3 | 49686682 | C | T | Reticulocyte fraction of red cells | European | 27863252 |
| rs6770670 | STOM | 3 | 49686682 | C | T | Age first birth | European | 27798627 |
| rs6770670 | STOM | 3 | 49686682 | C | T | Crohns disease | European | 26192919 |
| rs6770670 | STOM | 3 | 49686682 | C | T | Inflammatory bowel disease | European | 26192919 |
| rs6770670 | STOM | 3 | 49686682 | C | T | Ulcerative colitis | European | 26192919 |
| rs6770670 | STOM | 3 | 49686682 | C | T | Primary sclerosing cholangitis | European | 27992413 |
| rs6770670 | STOM | 3 | 49686682 | C | T | Age at menarche | European | 25231870 |
| rs6770670 | STOM | 3 | 49686682 | C | T | Years of educational attainment in females | European | 27225129 |
| rs6770670 | STOM | 3 | 49686682 | C | T | Years of educational attainment in males | European | 27225129 |
| rs6770670 | STOM | 3 | 49686682 | C | T | Years of educational attainment | European | 27225129 |
| rs7971133 | SULF2 | 12 | 57770098 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs10424405 | SULF2 | 19 | 54321933 | A | G | Granulocyte percentage of myeloid white cells | European | 27863252 |
| rs10424405 | SULF2 | 19 | 54321933 | A | G | Monocyte count | European | 27863252 |
| rs10424405 | SULF2 | 19 | 54321933 | A | G | Monocyte percentage of white cells | European | 27863252 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Granulocyte count | European | 27863252 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Hematocrit | European | 27863252 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Hemoglobin concentration | European | 27863252 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Lymphocyte percentage of white cells | European | 27863252 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Monocyte count | European | 27863252 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Myeloid white cell count | European | 27863252 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Neutrophil count | European | 27863252 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Platelet distribution width | European | 27863252 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Red blood cell count | European | 27863252 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Red cell distribution width | European | 27863252 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Sum basophil neutrophil counts | European | 27863252 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Sum eosinophil basophil counts | European | 27863252 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Sum neutrophil eosinophil counts | European | 27863252 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | White blood cell count | European | 27863252 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Myocardial infarction | Mixed | 26343387 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Low density lipoprotein | European | 24097068 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Total cholesterol | European | 24097068 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Venous thromboembolism | Mixed | 22672568 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Venous thrombosis | European | 22675575 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Allergy | European | 27182965 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Venous thromboembolism | Mixed | 22672568 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Venous thromboembolism | European | 28373160 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 28714975 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | High grade serous ovarian cancer | European | 28346442 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Invasive ovarian cancer | European | 28346442 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Serous invasive ovarian cancer | European | 28346442 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Alkaline phosphatase | European | 28887542 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Ferritin | European | 28887542 |
| rs2519093 | THSD1 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Granulocyte percentage of myeloid white cells | European | 27863252 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Hematocrit | European | 27863252 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Hemoglobin concentration | European | 27863252 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Mean corpuscular hemoglobin | European | 27863252 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Mean corpuscular hemoglobin concentration | European | 27863252 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Mean corpuscular volume | European | 27863252 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Monocyte percentage of white cells | European | 27863252 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Platelet count | European | 27863252 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Plateletcrit | European | 27863252 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Red blood cell count | European | 27863252 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Red cell distribution width | European | 27863252 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Reticulocyte count | European | 27863252 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Low density lipoprotein | European | 24097068 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Activated partial thromboplastin time | European | 22703881 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Factor XIII antigen | European | 23381943 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Hemoglobin Hb | Mixed | 23222517 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Plasma carcinoembryonic antigen CEA levels | East Asian | 23300138 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Red blood cell count RBC | Mixed | 23222517 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | von Willebrand factor vWF | European | 23381943 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | End stage coagulation | European | 23381943 |
| rs8176743 | TIE1 (soluble) | 9 | 136131415 | T | C | Intraocular pressure | Mixed | 25173106 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Granulocyte percentage of myeloid white cells | European | 27863252 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Hematocrit | European | 27863252 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Hemoglobin concentration | European | 27863252 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Mean corpuscular hemoglobin | European | 27863252 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Mean corpuscular hemoglobin concentration | European | 27863252 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Mean corpuscular volume | European | 27863252 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Monocyte percentage of white cells | European | 27863252 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Neutrophil percentage of white cells | European | 27863252 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Platelet count | European | 27863252 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Plateletcrit | European | 27863252 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Red blood cell count | European | 27863252 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Red cell distribution width | European | 27863252 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Reticulocyte count | European | 27863252 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Activated partial thromboplastin time | European | 22703881 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Factor XIII antigen | European | 23381943 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Hemoglobin Hb | Mixed | 23222517 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Plasma carcinoembryonic antigen CEA levels | East Asian | 23300138 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Red blood cell count RBC | Mixed | 23222517 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | von Willebrand factor vWF | European | 23381943 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Platelet count | European | 27863252 |
| rs8176747 | TLL1 | 9 | 136131315 | G | C | Reticulocyte count | European | 27863252 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | High light scatter percentage of red cells | European | 27863252 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | High light scatter reticulocyte count | European | 27863252 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Immature fraction of reticulocytes | European | 27863252 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Reticulocyte count | European | 27863252 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Reticulocyte fraction of red cells | European | 27863252 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Crohns disease | European | 18587394 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Crohns disease | European | 19915574 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Crohns disease | European | 21102463 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Crohns disease | European | 21150878 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Crohns disease | European | 21297633 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Inflammatory bowel disease | European | 23128233 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Irritable bowel disorder | European | 19915574 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 21151127 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 23603763 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Selective immunoglobulin A deficiency IgAD | European | 20694011 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Ulcerative colitis | European | 20228799 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Ulcerative colitis | European | 21297633 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Crohns disease | European | 23128233 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Crohns disease | European | 26192919 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Inflammatory bowel disease | European | 26192919 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Ulcerative colitis | European | 23128233 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Ulcerative colitis | European | 26192919 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 27992413 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Crohns disease | European | 18587394 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Crohns disease | European | 21102463 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Crohns disease | European | 26192919 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Crohns disease | Mixed | 28067908 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Inflammatory bowel disease | European | 23128233 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Inflammatory bowel disease | Mixed | 28067908 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 21151127 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 27992413 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Ulcerative colitis | European | 20228799 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Ulcerative colitis | European | 26192919 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Ulcerative colitis | Mixed | 28067908 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Age at menarche | European | 25231870 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Years of educational attainment in females | European | 27225129 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Years of educational attainment in males | European | 27225129 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Years of educational attainment | European | 27225129 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Cholangitis sclerosing | European | 21151127 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Colitis ulcerative | European | 20228799 |
| rs3197999 | TMPRSS11D | 3 | 49721532 | G | A | Crohn disease | European | 18587394 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | High light scatter percentage of red cells | European | 27863252 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | High light scatter reticulocyte count | European | 27863252 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Immature fraction of reticulocytes | European | 27863252 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Reticulocyte count | European | 27863252 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Reticulocyte fraction of red cells | European | 27863252 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Crohns disease | European | 18587394 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Crohns disease | European | 19915574 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Crohns disease | European | 21102463 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Crohns disease | European | 21150878 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Crohns disease | European | 21297633 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Inflammatory bowel disease | European | 23128233 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Irritable bowel disorder | European | 19915574 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 21151127 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 23603763 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Selective immunoglobulin A deficiency IgAD | European | 20694011 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Ulcerative colitis | European | 20228799 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Ulcerative colitis | European | 21297633 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Crohns disease | European | 23128233 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Crohns disease | European | 26192919 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Inflammatory bowel disease | European | 26192919 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Ulcerative colitis | European | 23128233 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Ulcerative colitis | European | 26192919 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 27992413 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Crohns disease | European | 18587394 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Crohns disease | European | 21102463 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Crohns disease | European | 26192919 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Crohns disease | Mixed | 28067908 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Inflammatory bowel disease | European | 23128233 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Inflammatory bowel disease | Mixed | 28067908 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 21151127 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Primary sclerosing cholangitis | European | 27992413 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Ulcerative colitis | European | 20228799 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Ulcerative colitis | European | 26192919 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Ulcerative colitis | Mixed | 28067908 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Age at menarche | European | 25231870 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Years of educational attainment in females | European | 27225129 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Years of educational attainment in males | European | 27225129 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Years of educational attainment | European | 27225129 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Cholangitis sclerosing | European | 21151127 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Colitis ulcerative | European | 20228799 |
| rs3197999 | TNS2 | 3 | 49721532 | G | A | Crohn disease | European | 18587394 |
| rs115478735 | TPST2 | 9 | 136149711 | A | T | Granulocyte count | European | 27863252 |
| rs115478735 | TPST2 | 9 | 136149711 | A | T | Hematocrit | European | 27863252 |
| rs115478735 | TPST2 | 9 | 136149711 | A | T | Hemoglobin concentration | European | 27863252 |
| rs115478735 | TPST2 | 9 | 136149711 | A | T | Lymphocyte percentage of white cells | European | 27863252 |
| rs115478735 | TPST2 | 9 | 136149711 | A | T | Monocyte count | European | 27863252 |
| rs115478735 | TPST2 | 9 | 136149711 | A | T | Myeloid white cell count | European | 27863252 |
| rs115478735 | TPST2 | 9 | 136149711 | A | T | Neutrophil count | European | 27863252 |
| rs115478735 | TPST2 | 9 | 136149711 | A | T | Platelet distribution width | European | 27863252 |
| rs115478735 | TPST2 | 9 | 136149711 | A | T | Red blood cell count | European | 27863252 |
| rs115478735 | TPST2 | 9 | 136149711 | A | T | Red cell distribution width | European | 27863252 |
| rs115478735 | TPST2 | 9 | 136149711 | A | T | Sum basophil neutrophil counts | European | 27863252 |
| rs115478735 | TPST2 | 9 | 136149711 | A | T | Sum eosinophil basophil counts | European | 27863252 |
| rs115478735 | TPST2 | 9 | 136149711 | A | T | Sum neutrophil eosinophil counts | European | 27863252 |
| rs115478735 | TPST2 | 9 | 136149711 | A | T | White blood cell count | European | 27863252 |
| rs115478735 | TPST2 | 9 | 136149711 | A | T | High grade serous ovarian cancer | European | 28346442 |
| rs115478735 | TPST2 | 9 | 136149711 | A | T | Invasive ovarian cancer | European | 28346442 |
| rs115478735 | TPST2 | 9 | 136149711 | A | T | Serous invasive ovarian cancer | European | 28346442 |
| rs34436714 | TPST2 | 19 | 54327313 | A | C | Granulocyte percentage of myeloid white cells | European | 27863252 |
| rs34436714 | TPST2 | 19 | 54327313 | A | C | Monocyte count | European | 27863252 |
| rs34436714 | TPST2 | 19 | 54327313 | A | C | Monocyte percentage of white cells | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Basophil count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Eosinophil count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Eosinophil percentage of granulocytes | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Eosinophil percentage of white cells | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Granulocyte count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Hematocrit | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Hemoglobin concentration | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | High light scatter percentage of red cells | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | High light scatter reticulocyte count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Immature fraction of reticulocytes | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Lymphocyte count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Lymphocyte percentage of white cells | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Monocyte count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Myeloid white cell count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Neutrophil count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Neutrophil percentage of granulocytes | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Neutrophil percentage of white cells | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Platelet count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Plateletcrit | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Red blood cell count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Reticulocyte count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Reticulocyte fraction of red cells | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Sum basophil neutrophil counts | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Sum eosinophil basophil counts | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Sum neutrophil eosinophil counts | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | White blood cell count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Diastolic blood pressure | Mixed | 27618447 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Hypertension | Mixed | 27618447 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Coronary artery disease | Mixed | 23202125 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Myocardial infarction | Mixed | 26343387 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | log eGFR cystatin C | European | 26831199 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Maternal effects on offspring birthweight | European | 29309628 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Body mass index | European | 29273807 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Body mass index | Mixed | 29273807 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | High density lipoprotein | European | 24097068 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Low density lipoprotein | European | 24097068 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Low density lipoprotein | Mixed | 20686565 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Total cholesterol | European | 24097068 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Total cholesterol | Mixed | 20686565 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Blood eosinophil count | Mixed | 19198610 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Celiac disease | European | 20190752 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Celiac disease | European | 21383967 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Celiac disease | Mixed | 22057235 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Coronary artery disease | European | 19820697 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Coronary artery disease | Mixed | 23202125 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Coronary artery disease age 50 | Mixed | 23202125 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Cystatin C in serum | European | 20383146 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Diastolic blood pressure | European | 19430479 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Diastolic blood pressure | African | 21378095 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Diastolic blood pressure | European | 21909110 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Diastolic blood pressure | European | 21909115 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Diastolic blood pressure | Mixed | 23202125 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Eosinophil count | Mixed | 19198610 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Gene expression of CUX2 in prefrontal cortex | European | 21909115 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Gene expression of CUX2 in visual cortex | European | 21909115 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Generalized vitiligo | European | 22561518 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Hematocrit Hct | European | 19862010 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Hematocrit Hct | Mixed | 23222517 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Hemoglobin Hb | European | 19862010 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Hemoglobin Hb | European | 22139419 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Hemoglobin Hb | Mixed | 23222517 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Hypertension | African | 21347282 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Hypothyroidism | European | 22493691 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Juvenile idiopathic arthritis including oligoarticular and rheumatoid factor negative polyarticular JIA | European | 23603761 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | LDL cholesterol | Mixed | 20686565 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | LDL cholesterol | European | 23063622 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | LDL cholesterol | Mixed | 23202125 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Lymphocyte count | Mixed | 19198610 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Mean arterial pressure | European | 21909110 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Myocardial infarction | European | 19820697 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Plasma Beta 2 microglobulin levels | European | 23417110 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Platelet count PLT | Mixed | 19198610 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Platelet count PLT | European | 19820697 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Platelet count PLT | European | 22139419 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Primary biliary cirrhosis | European | 22961000 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Primary sclerosing cholangitis | European | 23603763 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Red blood cell count RBC | European | 22139419 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Red blood cell count RBC | Mixed | 23222517 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Retinal venular caliber | European | 21060863 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Rheumatoid arthritis and celiac disease | European | 21383967 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Selective immunoglobulin A deficiency IgAD | European | 20694011 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Serum urate | European | 23263486 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Soluble intercellular adhesion molecule 1 ICAM 1 | European | 21533024 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Systolic blood pressure | European | 19430479 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Systolic blood pressure | African | 21378095 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Systolic blood pressure | European | 21909110 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Systolic blood pressure | European | 21909115 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Systolic blood pressure | Mixed | 23202125 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Systolic blood pressure and diastolic blood pressure | European | 19862010 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Total cholesterol | Mixed | 20686565 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Total cholesterol | European | 23063622 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Total cholesterol | Mixed | 23202125 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Type 1 diabetes | European | 19430480 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Type 1 diabetes | Mixed | 21829393 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Type 1 diabetes | European | 21980299 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Serum urate | European | 23263486 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Coronary artery disease | European | 28530674 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Coronary artery disease | Mixed | 28530674 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Diastolic blood pressure | European | 21909115 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Systolic blood pressure | European | 21909115 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Primary sclerosing cholangitis | European | 27992413 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Beta 2 microglobulin plasma levels | European | 23417110 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Blood metabolite levels | European | 24816252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Colorectal cancer | Mixed | 26151821 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Colorectal or endometrial cancer | European | 26621817 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Diastolic blood pressure | European | 19430479 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Diastolic blood pressure | European | 21909115 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Diastolic blood pressure | Mixed | 26390057 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Diastolic blood pressure | European | 28739976 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Eosinophil counts | Mixed | 19198610 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Fibrinogen levels | European | 28107422 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Granulocyte count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Hematocrit | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Hemoglobin concentration | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Hemoglobin levels | Mixed | 28017375 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Hypothyroidism | European | 22493691 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Inflammatory bowel disease | European | 26192919 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Lymphocyte counts | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Myeloid white cell count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Neutrophil count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Platelet count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Platelet counts | European | 22139419 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Platelet counts | European | 24026423 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Plateletcrit | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Primary sclerosing cholangitis | European | 27992413 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Red blood cell count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Red blood cell traits | Mixed | 23222517 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Reticulocyte count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Sum basophil neutrophil counts | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Sum neutrophil eosinophil counts | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Systolic blood pressure | European | 19430479 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Systolic blood pressure | European | 28739976 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Tonsillectomy | European | 27182965 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Tonsillectomy | European | 28928442 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Type 1 diabetes | European | 19430480 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Type 1 diabetes autoantibodies | Mixed | 21829393 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | White blood cell count | European | 27863252 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Coronary artery disease | Mixed | 28714975 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Blood pressure | European | 19430479 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Blood pressure | European | 19430479 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Blood pressure | European | 21909115 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Diabetes mellitus type 1 | European | 19430480 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Diabetes mellitus type 1 | Mixed | 21829393 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Eosinophils | Mixed | 19198610 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Hypothyroidism | European | 22493691 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs3184504 | VCAM1 | 12 | 111884608 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs34231037 | VEGFR2/KDR | 4 | 55972946 | A | G | Blood protein levels | European | 28240269 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Granulocyte count | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Hematocrit | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Hemoglobin concentration | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Lymphocyte percentage of white cells | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Monocyte count | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Myeloid white cell count | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Neutrophil count | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Platelet distribution width | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Red blood cell count | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Red cell distribution width | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Sum basophil neutrophil counts | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Sum eosinophil basophil counts | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Sum neutrophil eosinophil counts | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | White blood cell count | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Coronary artery disease | Mixed | 26343387 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Myocardial infarction | Mixed | 26343387 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Low density lipoprotein | European | 24097068 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Low density lipoprotein | Mixed | 20686565 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Total cholesterol | European | 24097068 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Total cholesterol | Mixed | 20686565 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Circulating galectin 3 levels | European | 23056639 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Venous thrombosis | European | 22675575 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Cholesterol total | Mixed | 20686565 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Cholesterol total | European | 24097068 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | GIP levels in response to oral glucose tolerance test 120 minutes | European | 29093273 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Granulocyte count | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Ischemic stroke | European | 27997041 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | LDL cholesterol | Mixed | 20686565 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | LDL cholesterol | European | 24097068 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Myeloid white cell count | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Neutrophil count | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Sum basophil neutrophil counts | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Sum neutrophil eosinophil counts | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Tonsillectomy | European | 27182965 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Tonsillectomy | European | 28928442 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Type 2 diabetes | European | 28566273 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | White blood cell count | European | 27863252 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Coronary artery disease | Mixed | 28714975 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | High grade serous ovarian cancer | European | 28346442 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Invasive ovarian cancer | European | 28346442 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Serous invasive ovarian cancer | European | 28346442 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Alkaline phosphatase | European | 28887542 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Ferritin | European | 28887542 |
| rs635634 | VEGFR2/KDR | 9 | 136155000 | T | C | Coronary artery disease | Mixed | 29212778 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Granulocyte count | European | 27863252 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Hematocrit | European | 27863252 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Hemoglobin concentration | European | 27863252 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Lymphocyte percentage of white cells | European | 27863252 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Monocyte count | European | 27863252 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Myeloid white cell count | European | 27863252 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Neutrophil count | European | 27863252 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Platelet distribution width | European | 27863252 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Red blood cell count | European | 27863252 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Red cell distribution width | European | 27863252 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Sum basophil neutrophil counts | European | 27863252 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Sum eosinophil basophil counts | European | 27863252 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Sum neutrophil eosinophil counts | European | 27863252 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | White blood cell count | European | 27863252 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Myocardial infarction | Mixed | 26343387 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Low density lipoprotein | European | 24097068 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Total cholesterol | European | 24097068 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Venous thromboembolism | Mixed | 22672568 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Venous thrombosis | European | 22675575 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Allergy | European | 27182965 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 26343387 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 29212778 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Venous thromboembolism | Mixed | 22672568 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Venous thromboembolism | European | 28373160 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 28714975 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | High grade serous ovarian cancer | European | 28346442 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Invasive ovarian cancer | European | 28346442 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Serous invasive ovarian cancer | European | 28346442 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Alkaline phosphatase | European | 28887542 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Ferritin | European | 28887542 |
| rs2519093 | VEGFR3/FLT4 | 9 | 136141870 | C | T | Coronary artery disease | Mixed | 29212778 |