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| **Online Supplemental Table 1. All Risk Ratios (RR) and 95% Confidence Intervals (CI) with P-values for Paternally-derived Effects for all SNPs Identified from Hybrid Analyses compared to Maternally-derived Effects for Common Variants in Genes Involved in Folate, Homocysteine and Transsulfuration Pathways and Risk of Conotruncal Heart Defects, The National Birth Defects Prevention Study, USA, October 1997 – August 2008 Births (n=616 case families)** | | | | | | | |
| **Chromosome** | **Gene Symbol** | **dbSNP ID** | **Genotype** | **Pathway** | **Maternally-derived effect** | **Paternally-derived Relative Risk (95% CI)** | **P-value for paternal vs. maternal effect** |
| 1 | GSTM4 | rs542338 | A/G | Transsulfuration | referent | 1.26 (0.89, 1.77) | 0.190139033 |
| 1 | GSTM4 | rs668413 | A/C | Transsulfuration | referent | 1.20 (0.85, 1.69) | 0.297528283 |
| 1 | GSTM4 | rs560018 | G/A | Transsulfuration | referent | 0.86 (0.58, 1.26) | 0.43211953 |
| 1 | GSTM4 | rs535537 | A/G | Transsulfuration | referent | 0.89 (0.52, 1.55) | 0.687102521 |
| 1 | GSTM4 | rs670439 | A/G | Transsulfuration | referent | 0.77 (0.44, 1.33) | 0.352560443 |
| 1 | GSTM2 | rs638820 | G/A | Transsulfuration | referent | 1.42 (1.02, 1.96) | 0.040529965 |
| 1 | GSTM2 | rs12024479 | G/C | Transsulfuration | referent | 1.28 (0.91, 1.80) | 0.167550951 |
| 1 | GSTM5 | rs12065563 | T/A | Transsulfuration | referent | 1.65 (0.70, 3.85) | 0.243149647 |
| 1 | GSTM5 | rs1758109 | G/A | Transsulfuration | referent | 0.81 (0.33, 1.97) | 0.637292994 |
| 1 | GSTM5 | rs12730212 | A/T | Transsulfuration | referent | 1.37 (0.55, 3.40) | 0.496634852 |
| 1 | GSTM5 | rs11807 | G/A | Transsulfuration | referent | 0.68 (0.44, 1.06) | 0.086631442 |
| 1 | GSTM5 | rs11101992 | C/A | Transsulfuration | referent | 0.67 (0.46, 0.96) | 0.02780496 |
| 1 | GSTM3 | rs4970776 | A/T | Transsulfuration | referent | 0.87 (0.63, 1.22) | 0.421560799 |
| 1 | GSTM3 | rs1927328 | G/A | Transsulfuration | referent | 0.68 (0.47, 0.98) | 0.035485914 |
| 1 | GSTM3 | rs7483 | A/G | Transsulfuration | referent | 0.71 (0.48, 1.03) | 0.067508679 |
| 1 | GSTM3 | rs10735234 | G/A | Transsulfuration | referent | 1.28 (0.93, 1.78) | 0.132273266 |
| 1 | AHCYL1 | rs333079 | G/A | Homocysteine | referent | 1.13 (0.79, 1.63) | 0.498475783 |
| 1 | AHCYL1 | rs9429768 | G/A | Homocysteine | referent | 0.95 (0.63, 1.42) | 0.795309321 |
| 1 | AHCYL1 | rs10857808 | A/G | Homocysteine | referent | 0.28 (0.11, 0.69) | 0.004538175 |
| 1 | AHCYL1 | rs17025313 | C/A | Homocysteine | referent | 1.20 (0.77, 1.88) | 0.41122372 |
| 1 | AHCYL1 | rs720917 | G/A | Homocysteine | referent | 1.08 (0.71, 1.63) | 0.731718026 |
| 1 | MTHFR | rs10864540 | A/G | Folate | referent | 0.98 (0.68, 1.41) | 0.903628869 |
| 1 | MTHFR | rs1476413 | A/G | Folate | referent | 0.58 (0.38, 0.88) | 0.008109644 |
| 1 | MTHFR | rs1801131 | C/A | Folate | referent | 0.73 (0.50, 1.08) | 0.108668439 |
| 1 | MTHFR | rs6541003 | G/A | Folate | referent | 0.81 (0.57, 1.15) | 0.237266806 |
| 1 | MTHFR | rs1801133 | A/G | Folate | referent | 0.78 (0.55, 1.12) | 0.171685966 |
| 1 | MTHFR | rs4846052 | A/G | Folate | referent | 0.77 (0.56, 1.08) | 0.124271723 |
| 1 | MTHFR | rs17367504 | G/A | Folate | referent | 1.35 (0.81, 2.24) | 0.25286231 |
| 1 | MTHFR | rs17037425 | A/G | Folate | referent | 1.55 (0.90, 2.65) | 0.111863162 |
| 1 | MTHFR | rs6687229 | A/G | Folate | referent | 1.11 (0.58, 2.11) | 0.757692344 |
| 1 | MTR | rs12354209 | G/A | Homocysteine | referent | 1.07 (0.75, 1.52) | 0.720828779 |
| 1 | MTR | rs10733117 | G/A | Homocysteine | referent | 1.07 (0.76, 1.50) | 0.707269093 |
| 1 | MTR | rs16834402 | T/A | Homocysteine | referent | 0.79 (0.33, 1.88) | 0.586945369 |
| 1 | MTR | rs12567062 | A/G | Homocysteine | referent | 0.79 (0.56, 1.10) | 0.155200298 |
| 1 | MTR | rs10925241 | G/A | Homocysteine | referent | 0.97 (0.70, 1.36) | 0.875267439 |
| 1 | MTR | rs946403 | G/A | Homocysteine | referent | 0.98 (0.71, 1.35) | 0.921544341 |
| 1 | MTR | rs4659476 | T/A | Homocysteine | referent | 1.05 (0.74, 1.49) | 0.793356757 |
| 1 | MTR | rs4659726 | C/G | Homocysteine | referent | 1.01 (0.72, 1.44) | 0.938773536 |
| 1 | MTR | rs4659727 | G/A | Homocysteine | referent | 1.12 (0.73, 1.73) | 0.607644003 |
| 1 | MTR | rs3754255 | A/G | Homocysteine | referent | 1.06 (0.77, 1.45) | 0.725482572 |
| 1 | MTR | rs7541539 | A/C | Homocysteine | referent | 0.37 (0.18, 0.74) | 0.00366427 |
| 1 | MTR | rs10925250 | G/A | Homocysteine | referent | 1.10 (0.71, 1.70) | 0.678552354 |
| 1 | MTR | rs10925254 | A/G | Homocysteine | referent | 1.15 (0.82, 1.61) | 0.428104588 |
| 1 | MTR | rs3768142 | C/A | Homocysteine | referent | 1.12 (0.80, 1.57) | 0.503162413 |
| 1 | MTR | rs10754584 | C/A | Homocysteine | referent | 0.95 (0.66, 1.36) | 0.76916897 |
| 1 | MTR | rs1805087 | G/A | Homocysteine | referent | 1.05 (0.67, 1.64) | 0.822264764 |
| 1 | MTR | rs2275565 | A/C | Homocysteine | referent | 0.88 (0.59, 1.32) | 0.543047878 |
| 1 | MTR | rs6657167 | G/A | Homocysteine | referent | 0.86 (0.62, 1.20) | 0.377588032 |
| 1 | MTR | rs10158222 | A/G | Homocysteine | referent | 1.00 (0.67, 1.50) | 0.993819675 |
| 1 | MTR | rs3768150 | T/A | Homocysteine | referent | 1.06 (0.75, 1.49) | 0.756266789 |
| 1 | MTR | rs16834521 | G/A | Homocysteine | referent | 0.95 (0.68, 1.32) | 0.745303364 |
| 1 | MTR | rs10802569 | G/C | Homocysteine | referent | 1.21 (0.86, 1.70) | 0.272742831 |
| 1 | MTR | rs4659745 | A/G | Homocysteine | referent | 1.08 (0.77, 1.52) | 0.646141094 |
| 1 | MTR | rs3820571 | C/A | Homocysteine | referent | 1.13 (0.80, 1.61) | 0.480080694 |
| 1 | MTR | rs1050996 | C/G | Homocysteine | referent | 0.98 (0.69, 1.39) | 0.916168249 |
| 1 | MTR | rs10925263 | G/A | Homocysteine | referent | 0.64 (0.28, 1.43) | 0.273409638 |
| 1 | CTH | rs4650047 | A/G | Homocysteine | referent | 0.75 (0.42, 1.31) | 0.307821472 |
| 1 | CTH | rs6424386 | T/A | Homocysteine | referent | 0.96 (0.53, 1.74) | 0.902717428 |
| 1 | CTH | rs482843 | A/G | Homocysteine | referent | 0.74 (0.52, 1.05) | 0.082182634 |
| 1 | CTH | rs648743 | G/A | Homocysteine | referent | 0.77 (0.54, 1.08) | 0.12136628 |
| 1 | CTH | rs482291 | C/G | Homocysteine | referent | 1.09 (0.68, 1.75) | 0.718473516 |
| 1 | CTH | rs681475 | A/G | Homocysteine | referent | 0.74 (0.52, 1.07) | 0.106361998 |
| 1 | CTH | rs1145920 | A/G | Homocysteine | referent | 0.81 (0.54, 1.23) | 0.326135972 |
| 1 | CTH | rs12723350 | G/A | Homocysteine | referent | 1.80 (0.81, 4.03) | 0.14666678 |
| 1 | CTH | rs535112 | T/A | Homocysteine | referent | 1.09 (0.75, 1.58) | 0.666958911 |
| 1 | CTH | rs17131305 | A/G | Homocysteine | referent | 0.87 (0.44, 1.71) | 0.6798986 |
| 1 | CTH | rs473334 | G/A | Homocysteine | referent | 1.36 (0.90, 2.05) | 0.148943285 |
| 1 | CTH | rs6413472 | A/G | Homocysteine | referent | 0.57 (0.26, 1.26) | 0.167192266 |
| 1 | CTH | rs515064 | G/A | Homocysteine | referent | 1.20 (0.83, 1.72) | 0.338991919 |
| 1 | CTH | rs1021737 | A/C | Homocysteine | referent | 0.96 (0.66, 1.39) | 0.826083695 |
| 1 | CTH | rs4650050 | C/G | Homocysteine | referent | 0.74 (0.39, 1.41) | 0.365004798 |
| 1 | CTH | rs12561944 | G/A | Homocysteine | referent | 0.72 (0.37, 1.43) | 0.352599446 |
| 1 | CTH | rs555671 | A/G | Homocysteine | referent | 1.14 (0.56, 2.31) | 0.70772493 |
| 1 | CTH | rs3856027 | A/G | Homocysteine | referent | 0.96 (0.64, 1.46) | 0.864456185 |
| 1 | CTH | rs17131312 | G/A | Homocysteine | referent | 0.71 (0.37, 1.35) | 0.292486629 |
| 1 | GCLM | rs2235970 | G/A | Transsulfuration | referent | 0.90 (0.63, 1.29) | 0.57039622 |
| 1 | GCLM | rs10489605 | A/G | Transsulfuration | referent | 1.63 (0.79, 3.39) | 0.186506539 |
| 1 | GCLM | rs7517826 | A/C | Transsulfuration | referent | 0.87 (0.63, 1.21) | 0.399403978 |
| 1 | GCLM | rs3827715 | G/A | Transsulfuration | referent | 0.64 (0.44, 0.92) | 0.015140713 |
| 1 | GCLM | rs2301022 | A/G | Transsulfuration | referent | 1.05 (0.75, 1.46) | 0.796892135 |
| 10 | GSTO1 | rs7896809 | A/G | Transsulfuration | referent | 0.99 (0.67, 1.46) | 0.941637401 |
| 10 | GSTO1 | rs11191972 | A/G | Transsulfuration | referent | 0.91 (0.61, 1.35) | 0.637096212 |
| 10 | GSTO1 | rs11191973 | A/G | Transsulfuration | referent | 0.97 (0.65, 1.45) | 0.875367896 |
| 10 | GSTO1 | rs966645 | A/G | Transsulfuration | referent | 1.16 (0.83, 1.62) | 0.378699301 |
| 10 | GSTO1 | rs2164624 | A/G | Transsulfuration | referent | 1.35 (0.92, 1.98) | 0.132640959 |
| 10 | GSTO1 | rs1147611 | A/C | Transsulfuration | referent | 1.18 (0.84, 1.66) | 0.337869132 |
| 10 | GSTO1 | rs17826034 | G/A | Transsulfuration | referent | 1.15 (0.76, 1.73) | 0.515672347 |
| 10 | MGMT | rs6482738 | G/A | Transsulfuration | referent | 0.90 (0.49, 1.63) | 0.722848246 |
| 10 | MGMT | rs11016798 | G/A | Transsulfuration | referent | 0.77 (0.55, 1.08) | 0.118532896 |
| 10 | MGMT | rs7070624 | G/A | Transsulfuration | referent | 1.02 (0.72, 1.44) | 0.925856593 |
| 10 | MGMT | rs9299871 | A/G | Transsulfuration | referent | 0.66 (0.30, 1.44) | 0.295000265 |
| 10 | MGMT | rs1762430 | G/A | Transsulfuration | referent | 0.50 (0.31, 0.82) | 0.005944665 |
| 10 | MGMT | rs2152151 | C/G | Transsulfuration | referent | 0.53 (0.30, 0.95) | 0.033248063 |
| 10 | MGMT | rs6482740 | G/A | Transsulfuration | referent | 0.63 (0.35, 1.15) | 0.130689093 |
| 10 | MGMT | rs7924127 | A/G | Transsulfuration | referent | 0.57 (0.31, 1.05) | 0.068731398 |
| 10 | MGMT | rs871027 | A/G | Transsulfuration | referent | 0.62 (0.34, 1.13) | 0.118881137 |
| 10 | MGMT | rs1762419 | A/G | Transsulfuration | referent | 0.85 (0.57, 1.26) | 0.41500384 |
| 10 | MGMT | rs945231 | G/A | Transsulfuration | referent | 1.00 (0.72, 1.39) | 0.993819675 |
| 10 | MGMT | rs10741190 | G/A | Transsulfuration | referent | 0.83 (0.56, 1.22) | 0.337364718 |
| 10 | MGMT | rs12251275 | A/G | Transsulfuration | referent | 1.01 (0.68, 1.50) | 0.955885706 |
| 10 | MGMT | rs11016815 | C/G | Transsulfuration | referent | 0.58 (0.32, 1.07) | 0.07895609 |
| 10 | MGMT | rs11016816 | A/G | Transsulfuration | referent | 0.99 (0.68, 1.45) | 0.958712983 |
| 10 | MGMT | rs12764733 | C/G | Transsulfuration | referent | 0.70 (0.38, 1.32) | 0.27486611 |
| 10 | MGMT | rs10741191 | C/G | Transsulfuration | referent | 0.84 (0.59, 1.18) | 0.304381266 |
| 10 | MGMT | rs10764883 | G/A | Transsulfuration | referent | 1.10 (0.8, 1.53) | 0.5601642 |
| 10 | MGMT | rs1537691 | G/C | Transsulfuration | referent | 0.83 (0.57, 1.20) | 0.31785313 |
| 10 | MGMT | rs7087541 | C/A | Transsulfuration | referent | 1.07 (0.78, 1.49) | 0.667178725 |
| 10 | MGMT | rs7923733 | G/A | Transsulfuration | referent | 0.61 (0.35, 1.07) | 0.084517287 |
| 10 | MGMT | rs4751094 | C/G | Transsulfuration | referent | 0.88 (0.50, 1.57) | 0.675740801 |
| 10 | MGMT | rs11813530 | A/G | Transsulfuration | referent | 0.56 (0.23, 1.37) | 0.221630896 |
| 10 | MGMT | rs10829600 | C/G | Transsulfuration | referent | 0.89 (0.63, 1.24) | 0.475797594 |
| 10 | MGMT | rs10829601 | G/A | Transsulfuration | referent | 0.86 (0.58, 1.26) | 0.426893514 |
| 10 | MGMT | rs7910339 | G/A | Transsulfuration | referent | 0.85 (0.48, 1.52) | 0.593248264 |
| 10 | MGMT | rs4751095 | G/A | Transsulfuration | referent | 1.61 (0.71, 3.68) | 0.252706307 |
| 10 | MGMT | rs12776412 | A/G | Transsulfuration | referent | 0.61 (0.40, 0.93) | 0.021528182 |
| 10 | MGMT | rs12247004 | C/A | Transsulfuration | referent | 0.59 (0.39, 0.90) | 0.014368782 |
| 10 | MGMT | rs10764888 | G/A | Transsulfuration | referent | 0.85 (0.60, 1.2) | 0.352393355 |
| 10 | MGMT | rs11016831 | A/G | Transsulfuration | referent | 0.90 (0.63, 1.27) | 0.551790113 |
| 10 | MGMT | rs11813056 | G/A | Transsulfuration | referent | 0.77 (0.48, 1.26) | 0.303699206 |
| 10 | MGMT | rs1537688 | A/G | Transsulfuration | referent | 0.84 (0.37, 1.92) | 0.677142771 |
| 10 | MGMT | rs7084865 | G/C | Transsulfuration | referent | 0.63 (0.33, 1.17) | 0.14106161 |
| 10 | MGMT | rs10829605 | G/A | Transsulfuration | referent | 1.02 (0.70, 1.49) | 0.919240609 |
| 10 | MGMT | rs4751100 | G/A | Transsulfuration | referent | 0.90 (0.62, 1.30) | 0.580132804 |
| 10 | MGMT | rs579952 | T/A | Transsulfuration | referent | 0.98 (0.71, 1.36) | 0.899656565 |
| 10 | MGMT | rs483959 | A/G | Transsulfuration | referent | 0.53 (0.36, 0.77) | 0.000504803 |
| 10 | MGMT | rs511770 | A/G | Transsulfuration | referent | 0.56 (0.38, 0.83) | 0.002179082 |
| 10 | MGMT | rs4751102 | C/G | Transsulfuration | referent | 0.65 (0.35, 1.21) | 0.173172862 |
| 10 | MGMT | rs509017 | C/A | Transsulfuration | referent | 0.85 (0.61, 1.19) | 0.339965878 |
| 10 | MGMT | rs10466114 | A/G | Transsulfuration | referent | 1.15 (0.78, 1.69) | 0.497063685 |
| 10 | MGMT | rs491929 | A/G | Transsulfuration | referent | 0.92 (0.67, 1.28) | 0.634026488 |
| 10 | MGMT | rs12247555 | A/G | Transsulfuration | referent | 1.10 (0.80, 1.53) | 0.559287138 |
| 10 | MGMT | rs574831 | G/A | Transsulfuration | referent | 0.76 (0.54, 1.06) | 0.09580887 |
| 10 | MGMT | rs12768004 | A/G | Transsulfuration | referent | 0.65 (0.35, 1.22) | 0.179642392 |
| 10 | MGMT | rs7924302 | G/C | Transsulfuration | referent | 0.90 (0.61, 1.34) | 0.615572252 |
| 10 | MGMT | rs557311 | G/A | Transsulfuration | referent | 0.85 (0.61, 1.18) | 0.321188674 |
| 10 | MGMT | rs506915 | G/A | Transsulfuration | referent | 0.84 (0.60, 1.16) | 0.277841049 |
| 10 | MGMT | rs3852507 | C/A | Transsulfuration | referent | 0.82 (0.59, 1.14) | 0.231862384 |
| 10 | MGMT | rs480643 | G/A | Transsulfuration | referent | 0.79 (0.56, 1.11) | 0.176158258 |
| 10 | MGMT | rs4751104 | A/G | Transsulfuration | referent | 0.70 (0.49, 0.99) | 0.041938115 |
| 10 | MGMT | rs513736 | A/G | Transsulfuration | referent | 0.73 (0.53, 1.01) | 0.054504513 |
| 10 | MGMT | rs506274 | A/T | Transsulfuration | referent | 0.73 (0.53, 1.01) | 0.0563514 |
| 10 | MGMT | rs12250002 | G/C | Transsulfuration | referent | 0.76 (0.52, 1.12) | 0.159348274 |
| 10 | MGMT | rs555545 | A/G | Transsulfuration | referent | 0.70 (0.51, 0.97) | 0.028612799 |
| 10 | MGMT | rs496338 | A/T | Transsulfuration | referent | 0.79 (0.46, 1.35) | 0.381905239 |
| 10 | MGMT | rs502076 | A/C | Transsulfuration | referent | 0.78 (0.56, 1.08) | 0.127293859 |
| 10 | MGMT | rs7893831 | A/C | Transsulfuration | referent | 0.62 (0.33, 1.17) | 0.138601266 |
| 10 | MGMT | rs514963 | G/A | Transsulfuration | referent | 0.59 (0.41, 0.84) | 0.0021484 |
| 10 | MGMT | rs7091540 | A/G | Transsulfuration | referent | 0.60 (0.43, 0.85) | 0.003210756 |
| 10 | MGMT | rs544217 | A/G | Transsulfuration | referent | 0.58 (0.41, 0.82) | 0.001496289 |
| 10 | MGMT | rs489966 | C/G | Transsulfuration | referent | 0.61 (0.43, 0.87) | 0.004246933 |
| 10 | MGMT | rs565974 | A/G | Transsulfuration | referent | 0.73 (0.53, 1.01) | 0.05309012 |
| 10 | MGMT | rs4751106 | A/C | Transsulfuration | referent | 0.55 (0.39, 0.79) | 0.000692563 |
| 10 | MGMT | rs477692 | G/A | Transsulfuration | referent | 0.78 (0.57, 1.08) | 0.131588815 |
| 10 | MGMT | rs558764 | C/A | Transsulfuration | referent | 0.71 (0.51, 1.00) | 0.043439397 |
| 10 | MGMT | rs12415589 | C/G | Transsulfuration | referent | 0.66 (0.46, 0.94) | 0.018181666 |
| 10 | MGMT | rs7083430 | A/G | Transsulfuration | referent | 0.67 (0.35, 1.27) | 0.212757913 |
| 10 | MGMT | rs546333 | G/A | Transsulfuration | referent | 0.71 (0.50, 1.02) | 0.06327933 |
| 10 | MGMT | rs4750759 | G/A | Transsulfuration | referent | 0.83 (0.60, 1.15) | 0.254710661 |
| 10 | MGMT | rs4750760 | G/A | Transsulfuration | referent | 0.85 (0.60, 1.23) | 0.391035374 |
| 10 | MGMT | rs7923750 | C/G | Transsulfuration | referent | 0.80 (0.55, 1.15) | 0.217223439 |
| 10 | MGMT | rs7905095 | A/G | Transsulfuration | referent | 0.73 (0.52, 1.03) | 0.066505084 |
| 10 | MGMT | rs7916547 | C/A | Transsulfuration | referent | 0.89 (0.62, 1.26) | 0.496467217 |
| 10 | MGMT | rs7916804 | A/T | Transsulfuration | referent | 1.09 (0.74, 1.62) | 0.663817016 |
| 10 | MGMT | rs7080570 | A/G | Transsulfuration | referent | 0.75 (0.53, 1.07) | 0.111592674 |
| 10 | MGMT | rs6482743 | G/A | Transsulfuration | referent | 0.84 (0.60, 1.18) | 0.31196933 |
| 10 | MGMT | rs7087783 | G/A | Transsulfuration | referent | 1.01 (0.46, 2.22) | 0.977435425 |
| 10 | MGMT | rs7069414 | A/G | Transsulfuration | referent | 0.99 (0.43, 2.28) | 1 |
| 10 | MGMT | rs9299872 | A/G | Transsulfuration | referent | 0.87 (0.62, 1.24) | 0.446618219 |
| 10 | MGMT | rs11016857 | A/G | Transsulfuration | referent | 1.00 (0.72, 1.40) | 1 |
| 10 | MGMT | rs9971190 | A/G | Transsulfuration | referent | 0.96 (0.69, 1.35) | 0.821263378 |
| 10 | MGMT | rs7901881 | G/A | Transsulfuration | referent | 1.00 (0.72, 1.39) | 0.988716584 |
| 10 | MGMT | rs7098295 | C/G | Transsulfuration | referent | 0.88 (0.62, 1.23) | 0.448042167 |
| 10 | MGMT | rs12412853 | G/C | Transsulfuration | referent | 0.88 (0.63, 1.22) | 0.44585017 |
| 10 | MGMT | rs1537257 | A/G | Transsulfuration | referent | 0.89 (0.64, 1.24) | 0.473731022 |
| 10 | MGMT | rs11813363 | G/A | Transsulfuration | referent | 0.74 (0.47, 1.18) | 0.209861716 |
| 10 | MGMT | rs7068306 | G/C | Transsulfuration | referent | 0.82 (0.58, 1.17) | 0.27454027 |
| 10 | MGMT | rs10829615 | A/G | Transsulfuration | referent | 0.82 (0.52, 1.31) | 0.405247526 |
| 10 | MGMT | rs10764896 | A/G | Transsulfuration | referent | 0.91 (0.65, 1.26) | 0.558240414 |
| 10 | MGMT | rs11016866 | A/G | Transsulfuration | referent | 0.89 (0.52, 1.53) | 0.67654601 |
| 10 | MGMT | rs7910123 | C/A | Transsulfuration | referent | 1.07 (0.76, 1.51) | 0.705218437 |
| 10 | MGMT | rs12219068 | G/A | Transsulfuration | referent | 0.96 (0.66, 1.38) | 0.809331749 |
| 10 | MGMT | rs7095819 | A/G | Transsulfuration | referent | 1.04 (0.73, 1.49) | 0.815410166 |
| 10 | MGMT | rs10829616 | A/G | Transsulfuration | referent | 1.08 (0.77, 1.51) | 0.656909092 |
| 10 | MGMT | rs2039374 | G/A | Transsulfuration | referent | 0.94 (0.65, 1.36) | 0.742064958 |
| 10 | MGMT | rs11016875 | A/G | Transsulfuration | referent | 0.86 (0.41, 1.8) | 0.67689688 |
| 10 | MGMT | rs12220782 | G/A | Transsulfuration | referent | 0.99 (0.68, 1.44) | 0.949950118 |
| 10 | MGMT | rs10829618 | G/C | Transsulfuration | referent | 0.64 (0.42, 0.96) | 0.030683206 |
| 10 | MGMT | rs10829619 | C/G | Transsulfuration | referent | 1.08 (0.77, 1.51) | 0.654527195 |
| 10 | MGMT | rs6482747 | G/A | Transsulfuration | referent | 0.73 (0.53, 1.02) | 0.058390511 |
| 10 | MGMT | rs6482748 | C/G | Transsulfuration | referent | 0.77 (0.52, 1.14) | 0.187842315 |
| 10 | MGMT | rs4750763 | C/A | Transsulfuration | referent | 0.72 (0.52, 1) | 0.043772909 |
| 10 | MGMT | rs4750764 | A/G | Transsulfuration | referent | 1.07 (0.77, 1.49) | 0.696365962 |
| 10 | MGMT | rs4751110 | G/A | Transsulfuration | referent | 0.61 (0.43, 0.85) | 0.002820707 |
| 10 | MGMT | rs10734088 | G/A | Transsulfuration | referent | 0.69 (0.49, 0.96) | 0.023414342 |
| 10 | MGMT | rs7069143 | A/G | Transsulfuration | referent | 1.23 (0.88, 1.73) | 0.228479821 |
| 10 | MGMT | rs7069462 | A/G | Transsulfuration | referent | 0.27 (0.11, 0.66) | 0.003028995 |
| 10 | MGMT | rs1978759 | A/G | Transsulfuration | referent | 0.76 (0.5, 1.15) | 0.193682719 |
| 10 | MGMT | rs11016884 | G/A | Transsulfuration | referent | 1.38 (0.97, 1.97) | 0.078824204 |
| 10 | MGMT | rs1434744 | G/C | Transsulfuration | referent | 1.06 (0.77, 1.46) | 0.713506242 |
| 10 | MGMT | rs2053139 | G/A | Transsulfuration | referent | 1.1 (0.77, 1.57) | 0.603479388 |
| 10 | MGMT | rs10764900 | A/G | Transsulfuration | referent | 1.08 (0.75, 1.56) | 0.673964171 |
| 10 | MGMT | rs4751114 | C/G | Transsulfuration | referent | 1.15 (0.81, 1.64) | 0.432582437 |
| 10 | MGMT | rs4751115 | A/G | Transsulfuration | referent | 0.94 (0.68, 1.31) | 0.717521364 |
| 10 | MGMT | rs10741198 | G/A | Transsulfuration | referent | 1.06 (0.74, 1.51) | 0.757322758 |
| 10 | MGMT | rs7099068 | A/G | Transsulfuration | referent | 1.27 (0.91, 1.78) | 0.158814289 |
| 10 | MGMT | rs4750768 | G/A | Transsulfuration | referent | 1.37 (0.97, 1.93) | 0.078830018 |
| 10 | MGMT | rs11016887 | A/G | Transsulfuration | referent | 0.53 (0.34, 0.81) | 0.002544522 |
| 10 | MGMT | rs10764901 | A/G | Transsulfuration | referent | 1.1 (0.79, 1.54) | 0.575345486 |
| 10 | MGMT | rs12573548 | A/G | Transsulfuration | referent | 0.77 (0.51, 1.16) | 0.208924978 |
| 10 | MGMT | rs748190 | G/A | Transsulfuration | referent | 1.1 (0.79, 1.52) | 0.572329695 |
| 10 | MGMT | rs748189 | A/G | Transsulfuration | referent | 1.37 (0.98, 1.9) | 0.06646069 |
| 10 | MGMT | rs10829622 | G/A | Transsulfuration | referent | 1.1 (0.75, 1.6) | 0.635196178 |
| 10 | MGMT | rs7916932 | A/G | Transsulfuration | referent | 1.04 (0.73, 1.49) | 0.820028561 |
| 10 | MGMT | rs2183878 | G/A | Transsulfuration | referent | 0.77 (0.51, 1.15) | 0.198795683 |
| 10 | MGMT | rs2094291 | G/A | Transsulfuration | referent | 1.33 (0.95, 1.87) | 0.104524164 |
| 10 | MGMT | rs6482752 | G/C | Transsulfuration | referent | 0.9 (0.6, 1.37) | 0.635542035 |
| 10 | MGMT | rs11592158 | A/G | Transsulfuration | referent | 1.38 (0.88, 2.17) | 0.156459098 |
| 10 | MGMT | rs10741199 | A/C | Transsulfuration | referent | 1.14 (0.82, 1.58) | 0.452300672 |
| 10 | MGMT | rs11016908 | G/A | Transsulfuration | referent | 0.74 (0.49, 1.11) | 0.138974266 |
| 10 | MGMT | rs4751118 | A/G | Transsulfuration | referent | 1 (0.72, 1.39) | 0.98326466 |
| 10 | MGMT | rs11511217 | A/G | Transsulfuration | referent | 0.78 (0.52, 1.17) | 0.226624876 |
| 10 | MGMT | rs7075748 | G/A | Transsulfuration | referent | 0.81 (0.56, 1.16) | 0.244266707 |
| 10 | MGMT | rs7071825 | G/A | Transsulfuration | referent | 1.06 (0.77, 1.47) | 0.716572989 |
| 10 | MGMT | rs3793906 | A/C | Transsulfuration | referent | 1.18 (0.84, 1.65) | 0.349140104 |
| 10 | MGMT | rs3829195 | A/G | Transsulfuration | referent | 1.12 (0.79, 1.57) | 0.531281414 |
| 10 | MGMT | rs7897706 | A/G | Transsulfuration | referent | 0.66 (0.42, 1.01) | 0.054514969 |
| 10 | MGMT | rs10829627 | A/G | Transsulfuration | referent | 1.25 (0.78, 2) | 0.358067401 |
| 10 | MGMT | rs10829630 | G/A | Transsulfuration | referent | 1.31 (0.94, 1.82) | 0.110209124 |
| 10 | MGMT | rs1547177 | A/C | Transsulfuration | referent | 0.69 (0.37, 1.29) | 0.248506564 |
| 10 | TRDMT1 | rs6602178 | C/A | Homocysteine | referent | 0.88 (0.64, 1.22) | 0.450107954 |
| 10 | TRDMT1 | rs7096079 | C/A | Homocysteine | referent | 0.93 (0.67, 1.29) | 0.665963584 |
| 10 | TRDMT1 | rs7096692 | A/G | Homocysteine | referent | 1.09 (0.75, 1.57) | 0.65734889 |
| 10 | TRDMT1 | rs7074891 | G/A | Homocysteine | referent | 0.39 (0.17, 0.89) | 0.023954828 |
| 10 | TRDMT1 | rs10795452 | A/C | Homocysteine | referent | 0.94 (0.67, 1.32) | 0.709416967 |
| 10 | TRDMT1 | rs3780962 | G/A | Homocysteine | referent | 0.87 (0.63, 1.21) | 0.416722388 |
| 10 | TRDMT1 | rs2295811 | A/G | Homocysteine | referent | 0.61 (0.42, 0.9) | 0.010945896 |
| 10 | TRDMT1 | rs2295810 | G/C | Homocysteine | referent | 0.39 (0.17, 0.9) | 0.026945495 |
| 10 | TRDMT1 | rs11254408 | A/C | Homocysteine | referent | 0.84 (0.54, 1.31) | 0.442744125 |
| 10 | TRDMT1 | rs11254413 | A/G | Homocysteine | referent | 1.03 (0.76, 1.39) | 0.868005336 |
| 10 | TRDMT1 | rs10904893 | G/A | Homocysteine | referent | 0.73 (0.52, 1.02) | 0.056362909 |
| 10 | TRDMT1 | rs11254419 | A/C | Homocysteine | referent | 0.93 (0.68, 1.26) | 0.626935073 |
| 10 | TRDMT1 | rs17464824 | C/A | Homocysteine | referent | 0.86 (0.62, 1.19) | 0.356184834 |
| 10 | TRDMT1 | rs10795454 | C/A | Homocysteine | referent | 1.02 (0.72, 1.43) | 0.924001945 |
| 10 | TRDMT1 | rs2273735 | G/A | Homocysteine | referent | 1.15 (0.83, 1.59) | 0.415460622 |
| 10 | TRDMT1 | rs2273734 | A/G | Homocysteine | referent | 0.96 (0.7, 1.31) | 0.791220336 |
| 10 | TRDMT1 | rs2181043 | G/A | Homocysteine | referent | 1.1 (0.77, 1.59) | 0.600355537 |
| 10 | TRDMT1 | rs2038576 | G/A | Homocysteine | referent | 0.84 (0.54, 1.31) | 0.438837595 |
| 10 | TRDMT1 | rs2356829 | G/A | Homocysteine | referent | 0.81 (0.58, 1.12) | 0.19739013 |
| 10 | TRDMT1 | rs11254435 | A/T | Homocysteine | referent | 1.01 (0.74, 1.38) | 0.925261426 |
| 10 | TRDMT1 | rs11254442 | A/G | Homocysteine | referent | 0.87 (0.56, 1.35) | 0.539902768 |
| 10 | TRDMT1 | rs7921162 | G/A | Homocysteine | referent | 1.07 (0.74, 1.54) | 0.718017665 |
| 10 | TRDMT1 | rs10490958 | A/G | Homocysteine | referent | 1.22 (0.84, 1.78) | 0.306189788 |
| 10 | TRDMT1 | rs7895248 | G/A | Homocysteine | referent | 0.82 (0.53, 1.28) | 0.384275279 |
| 10 | TRDMT1 | rs10795459 | A/G | Homocysteine | referent | 0.87 (0.63, 1.2) | 0.37913031 |
| 10 | TRDMT1 | rs10795460 | G/A | Homocysteine | referent | 0.86 (0.62, 1.19) | 0.352621736 |
| 10 | TRDMT1 | rs3758418 | C/G | Homocysteine | referent | 1.16 (0.81, 1.65) | 0.421970776 |
| 10 | TRDMT1 | rs2224532 | C/G | Homocysteine | referent | 0.76 (0.5, 1.14) | 0.178337981 |
| 10 | TRDMT1 | rs3758415 | A/C | Homocysteine | referent | 0.66 (0.45, 0.96) | 0.028916461 |
| 10 | TRDMT1 | rs4748363 | A/C | Homocysteine | referent | 0.69 (0.47, 1.02) | 0.062952501 |
| 10 | TRDMT1 | rs12266606 | A/C | Homocysteine | referent | 1 (0.64, 1.57) | 0.990559523 |
| 10 | TRDMT1 | rs2884038 | G/A | Homocysteine | referent | 1.13 (0.79, 1.62) | 0.507953796 |
| 10 | MAT1A | rs10887705 | G/A | Homocysteine | referent | 1.39 (1.02, 1.89) | 0.038552006 |
| 10 | MAT1A | rs998765 | T/A | Homocysteine | referent | 1.33 (0.98, 1.8) | 0.070228137 |
| 10 | MAT1A | rs1556893 | C/A | Homocysteine | referent | 1.23 (0.82, 1.85) | 0.31219663 |
| 10 | MAT1A | rs1556894 | G/A | Homocysteine | referent | 1.41 (1.03, 1.92) | 0.032535806 |
| 10 | MAT1A | rs10887706 | G/A | Homocysteine | referent | 1.15 (0.71, 1.85) | 0.569320958 |
| 10 | MAT1A | rs10788544 | A/G | Homocysteine | referent | 1.42 (0.99, 2.04) | 0.055285967 |
| 10 | MAT1A | rs1556897 | G/A | Homocysteine | referent | 1.41 (1.04, 1.91) | 0.03107454 |
| 10 | MAT1A | rs1010245 | G/A | Homocysteine | referent | 1.38 (1.02, 1.88) | 0.041683731 |
| 10 | MAT1A | rs1010246 | A/G | Homocysteine | referent | 1.44 (1, 2.07) | 0.052506394 |
| 10 | MAT1A | rs11202403 | A/G | Homocysteine | referent | 1.51 (0.95, 2.4) | 0.081294991 |
| 10 | MAT1A | rs9420349 | A/G | Homocysteine | referent | 1.05 (0.74, 1.5) | 0.78365877 |
| 10 | MAT1A | rs1832683 | A/G | Homocysteine | referent | 1.29 (0.82, 2.04) | 0.273317681 |
| 10 | MAT1A | rs7087728 | A/G | Homocysteine | referent | 1.28 (0.82, 1.99) | 0.285508686 |
| 10 | MAT1A | rs4933327 | A/G | Homocysteine | referent | 1.35 (0.89, 2.05) | 0.159314577 |
| 10 | MAT1A | rs2994388 | G/A | Homocysteine | referent | 0.94 (0.67, 1.3) | 0.688733359 |
| 10 | MAT1A | rs4934027 | A/G | Homocysteine | referent | 1.35 (0.88, 2.05) | 0.166313771 |
| 10 | MAT1A | rs2236568 | C/A | Homocysteine | referent | 0.95 (0.68, 1.32) | 0.759375854 |
| 10 | MAT1A | rs7081756 | C/A | Homocysteine | referent | 1.21 (0.87, 1.68) | 0.264805268 |
| 10 | MAT1A | rs10887721 | C/G | Homocysteine | referent | 0.95 (0.61, 1.49) | 0.830212158 |
| 10 | MAT1A | rs2342812 | A/G | Homocysteine | referent | 1.03 (0.75, 1.42) | 0.847424333 |
| 10 | MAT1A | rs1819684 | A/C | Homocysteine | referent | 1.19 (0.62, 2.29) | 0.601686337 |
| 10 | MAT1A | rs2880456 | A/C | Homocysteine | referent | 1.19 (0.61, 2.29) | 0.610959553 |
| 10 | MAT1A | rs9421467 | G/C | Homocysteine | referent | 1.08 (0.47, 2.52) | 0.852985464 |
| 11 | CAT | rs409598 | G/A | Transsulfuration | referent | 0.74 (0.38, 1.46) | 0.388886767 |
| 11 | CAT | rs2073057 | C/G | Transsulfuration | referent | 0.75 (0.39, 1.47) | 0.407077447 |
| 11 | CAT | rs7114869 | A/C | Transsulfuration | referent | 1.71 (0.75, 3.92) | 0.202465467 |
| 11 | CAT | rs7118388 | G/A | Transsulfuration | referent | 1.24 (0.9, 1.7) | 0.187771065 |
| 11 | CAT | rs7944397 | G/A | Transsulfuration | referent | 1.31 (0.8, 2.15) | 0.273541644 |
| 11 | CAT | rs12808450 | A/G | Transsulfuration | referent | 1.13 (0.78, 1.64) | 0.519784948 |
| 11 | CAT | rs10836233 | A/G | Transsulfuration | referent | 1 (0.58, 1.75) | 0.989907739 |
| 11 | CAT | rs564250 | A/G | Transsulfuration | referent | 1.12 (0.76, 1.66) | 0.561566019 |
| 11 | CAT | rs769214 | G/A | Transsulfuration | referent | 0.96 (0.69, 1.34) | 0.80744679 |
| 11 | CAT | rs11032700 | C/A | Transsulfuration | referent | 0.88 (0.63, 1.23) | 0.441569651 |
| 11 | CAT | rs2179625 | C/A | Transsulfuration | referent | 0.81 (0.55, 1.2) | 0.291309391 |
| 11 | CAT | rs484214 | G/A | Transsulfuration | referent | 0.86 (0.61, 1.21) | 0.368208961 |
| 11 | CAT | rs482322 | G/A | Transsulfuration | referent | 0.88 (0.63, 1.24) | 0.460796192 |
| 11 | CAT | rs480575 | G/A | Transsulfuration | referent | 0.83 (0.59, 1.18) | 0.298715453 |
| 11 | CAT | rs11032702 | A/G | Transsulfuration | referent | 1.05 (0.49, 2.26) | 0.889908767 |
| 11 | CAT | rs2284368 | G/A | Transsulfuration | referent | 0.91 (0.62, 1.34) | 0.627387635 |
| 11 | CAT | rs2300181 | A/G | Transsulfuration | referent | 1 (0.69, 1.45) | 0.992863599 |
| 11 | CAT | rs7933285 | A/G | Transsulfuration | referent | 1.01 (0.69, 1.48) | 0.962589614 |
| 11 | CAT | rs2073059 | C/G | Transsulfuration | referent | 0.77 (0.43, 1.39) | 0.387567545 |
| 11 | CAT | rs12273124 | G/A | Transsulfuration | referent | 1.15 (0.53, 2.49) | 0.724013059 |
| 11 | CAT | rs10836244 | A/C | Transsulfuration | referent | 0.93 (0.63, 1.37) | 0.71104039 |
| 11 | CAT | rs566979 | C/A | Transsulfuration | referent | 1.09 (0.79, 1.51) | 0.589171491 |
| 11 | CAT | rs7947841 | A/G | Transsulfuration | referent | 0.94 (0.52, 1.72) | 0.84811803 |
| 11 | CAT | rs12803540 | G/A | Transsulfuration | referent | 0.89 (0.49, 1.62) | 0.699512019 |
| 11 | CAT | rs7104301 | G/A | Transsulfuration | referent | 1.06 (0.72, 1.56) | 0.769742708 |
| 11 | CAT | rs1323690 | A/G | Transsulfuration | referent | 0.96 (0.69, 1.32) | 0.782486853 |
| 11 | GSTP1 | rs625978 | A/G | Transsulfuration | referent | 1.05 (0.76, 1.46) | 0.776674998 |
| 11 | GSTP1 | rs7927381 | A/G | Transsulfuration | referent | 0.46 (0.28, 0.73) | 0.00083489 |
| 11 | GSTP1 | rs7941395 | G/A | Transsulfuration | referent | 0.9 (0.64, 1.25) | 0.51891965 |
| 11 | GSTP1 | rs1695 | G/A | Transsulfuration | referent | 0.69 (0.49, 0.98) | 0.034470371 |
| 11 | GSTP1 | rs947895 | A/C | Transsulfuration | referent | 0.92 (0.64, 1.32) | 0.639573802 |
| 11 | GSTP1 | rs2169650 | A/G | Transsulfuration | referent | 1.22 (0.49, 3.02) | 0.66931878 |
| 11 | FOLR1 | rs3016432 | G/A | Folate | referent | 1.06 (0.76, 1.47) | 0.736821497 |
| 11 | FOLR1 | rs11235462 | A/T | Folate | referent | 0.79 (0.5, 1.26) | 0.322342041 |
| 11 | FOLR1 | rs11235465 | G/A | Folate | referent | 1.05 (0.55, 2.02) | 0.884235433 |
| 11 | FOLR1 | rs10501409 | C/A | Folate | referent | 0.84 (0.48, 1.47) | 0.529849596 |
| 11 | FOLR2 | rs7934420 | G/A | Folate | referent | 1.18 (0.58, 2.43) | 0.642089357 |
| 11 | FOLR2 | rs11235468 | C/A | Folate | referent | 0.96 (0.58, 1.58) | 0.858820076 |
| 11 | FOLR2 | rs514933 | G/A | Folate | referent | 0.99 (0.71, 1.39) | 0.967111695 |
| 11 | FOLR2 | rs2276047 | G/A | Folate | referent | 1.01 (0.69, 1.49) | 0.954608128 |
| 12 | MGST1 | rs6488840 | C/A | Transsulfuration | referent | 1.06 (0.69, 1.62) | 0.803891223 |
| 12 | MGST1 | rs11056890 | C/A | Transsulfuration | referent | 1.07 (0.72, 1.61) | 0.732201309 |
| 12 | MGST1 | rs7970208 | A/G | Transsulfuration | referent | 0.87 (0.64, 1.19) | 0.374863207 |
| 12 | MGST1 | rs4149187 | G/C | Transsulfuration | referent | 0.62 (0.36, 1.08) | 0.091171846 |
| 12 | MGST1 | rs2239675 | G/A | Transsulfuration | referent | 0.55 (0.35, 0.85) | 0.007008926 |
| 12 | MGST1 | rs2239676 | G/C | Transsulfuration | referent | 0.59 (0.35, 1) | 0.048357441 |
| 12 | MGST1 | rs2975138 | A/G | Transsulfuration | referent | 0.93 (0.63, 1.35) | 0.690745041 |
| 12 | MGST1 | rs2975139 | G/C | Transsulfuration | referent | 0.92 (0.63, 1.35) | 0.68372753 |
| 12 | MGST1 | rs7294985 | A/G | Transsulfuration | referent | 0.92 (0.63, 1.35) | 0.669080136 |
| 12 | MGST1 | rs2075237 | C/A | Transsulfuration | referent | 0.78 (0.49, 1.23) | 0.281158813 |
| 12 | MGST1 | rs4149197 | G/C | Transsulfuration | referent | 0.63 (0.44, 0.9) | 0.008610516 |
| 12 | MGST1 | rs2287152 | T/A | Transsulfuration | referent | 0.81 (0.53, 1.24) | 0.321528203 |
| 12 | MGST1 | rs4149202 | A/C | Transsulfuration | referent | 1.35 (0.73, 2.5) | 0.328824927 |
| 12 | MGST1 | rs4149203 | A/G | Transsulfuration | referent | 0.84 (0.56, 1.25) | 0.381824313 |
| 12 | MGST1 | rs3815566 | A/G | Transsulfuration | referent | 1.14 (0.63, 2.08) | 0.658328811 |
| 12 | MGST1 | rs9332939 | T/A | Transsulfuration | referent | 1.15 (0.84, 1.57) | 0.391990025 |
| 12 | MGST1 | rs4149205 | A/G | Transsulfuration | referent | 0.9 (0.58, 1.4) | 0.62883786 |
| 12 | MGST1 | rs7312090 | A/G | Transsulfuration | referent | 0.93 (0.62, 1.38) | 0.71104039 |
| 12 | MGST1 | rs3852576 | A/G | Transsulfuration | referent | 1.04 (0.77, 1.42) | 0.790175523 |
| 12 | MGST1 | rs3759207 | G/A | Transsulfuration | referent | 1.06 (0.72, 1.55) | 0.777731534 |
| 12 | MGST1 | rs7135371 | C/A | Transsulfuration | referent | 1.25 (0.91, 1.72) | 0.166510749 |
| 12 | MGST1 | rs9332959 | A/C | Transsulfuration | referent | 0.39 (0.18, 0.84) | 0.015059788 |
| 12 | MGST1 | rs1024839 | G/A | Transsulfuration | referent | 1.12 (0.8, 1.57) | 0.503696261 |
| 12 | MGST1 | rs7133802 | G/A | Transsulfuration | referent | 1 (0.72, 1.38) | 0.986180925 |
| 12 | MGST1 | rs7303782 | G/A | Transsulfuration | referent | 1.18 (0.87, 1.6) | 0.286282898 |
| 12 | MGST1 | rs7979684 | C/A | Transsulfuration | referent | 1.08 (0.79, 1.47) | 0.636174719 |
| 12 | MGST1 | rs10846336 | G/A | Transsulfuration | referent | 0.37 (0.18, 0.76) | 0.006299956 |
| 12 | MGST1 | rs10732572 | A/T | Transsulfuration | referent | 1.03 (0.75, 1.4) | 0.872340693 |
| 14 | MTHFD1 | rs2983736 | A/C | Folate | referent | 0.95 (0.68, 1.33) | 0.758136691 |
| 14 | MTHFD1 | rs8006686 | G/A | Folate | referent | 1.13 (0.73, 1.75) | 0.591775513 |
| 14 | MTHFD1 | rs4899135 | G/A | Folate | referent | 0.46 (0.2, 1.05) | 0.061062082 |
| 14 | MTHFD1 | rs8011839 | A/G | Folate | referent | 0.99 (0.65, 1.52) | 0.962420077 |
| 14 | MTHFD1 | rs8003379 | C/A | Folate | referent | 0.89 (0.6, 1.32) | 0.556044127 |
| 14 | MTHFD1 | rs3783728 | G/A | Folate | referent | 1.16 (0.54, 2.48) | 0.699934509 |
| 14 | MTHFD1 | rs8003567 | G/A | Folate | referent | 0.83 (0.45, 1.52) | 0.543189656 |
| 14 | MTHFD1 | rs1256143 | A/G | Folate | referent | 1.05 (0.48, 2.29) | 0.897299394 |
| 14 | MTHFD1 | rs11629135 | A/G | Folate | referent | 0.86 (0.46, 1.6) | 0.625219102 |
| 14 | MTHFD1 | rs3818239 | G/A | Folate | referent | 0.72 (0.42, 1.24) | 0.23478765 |
| 14 | MTHFD1 | rs11849530 | G/A | Folate | referent | 0.99 (0.66, 1.47) | 0.945458843 |
| 14 | MTHFD1 | rs2281603 | G/A | Folate | referent | 0.96 (0.65, 1.43) | 0.846814986 |
| 14 | MTHFD1 | rs745686 | G/A | Folate | referent | 1.13 (0.8, 1.59) | 0.493779515 |
| 14 | MTHFD1 | rs2230491 | A/G | Folate | referent | 1.47 (0.87, 2.49) | 0.148958894 |
| 14 | GPX2 | rs9323457 | C/G | Transsulfuration | referent | 0.95 (0.5, 1.78) | 0.870781969 |
| 14 | GPX2 | rs10133054 | C/G | Transsulfuration | referent | 1.36 (0.91, 2.03) | 0.138432255 |
| 14 | GPX2 | rs2737844 | A/G | Transsulfuration | referent | 0.76 (0.54, 1.07) | 0.114257717 |
| 14 | GPX2 | rs3742599 | A/C | Transsulfuration | referent | 1.04 (0.64, 1.7) | 0.878318411 |
| 14 | GPX2 | rs3759681 | A/G | Transsulfuration | referent | 0.86 (0.59, 1.25) | 0.413672885 |
| 14 | GPX2 | rs7157667 | T/A | Transsulfuration | referent | 1.23 (0.58, 2.6) | 0.593883614 |
| 14 | GSTZ1 | rs2363641 | G/A | Transsulfuration | referent | 1.04 (0.71, 1.53) | 0.824601675 |
| 14 | GSTZ1 | rs2111699 | G/A | Transsulfuration | referent | 0.94 (0.65, 1.36) | 0.729533933 |
| 14 | GSTZ1 | rs3759733 | A/G | Transsulfuration | referent | 0.86 (0.62, 1.19) | 0.365034018 |
| 14 | GSTZ1 | rs2363643 | A/G | Transsulfuration | referent | 0.94 (0.65, 1.37) | 0.740098601 |
| 14 | GSTZ1 | rs4147578 | A/G | Transsulfuration | referent | 0.85 (0.57, 1.26) | 0.408075705 |
| 14 | GSTZ1 | rs8016187 | T/A | Transsulfuration | referent | 0.89 (0.61, 1.32) | 0.571980481 |
| 14 | GSTZ1 | rs8004558 | A/G | Transsulfuration | referent | 0.72 (0.35, 1.49) | 0.379907872 |
| 14 | GSTZ1 | rs2270422 | C/G | Transsulfuration | referent | 0.99 (0.72, 1.36) | 0.957649306 |
| 14 | GSTZ1 | rs3177427 | A/G | Transsulfuration | referent | 0.97 (0.67, 1.4) | 0.880397018 |
| 14 | GSTZ1 | rs1046428 | A/G | Transsulfuration | referent | 1.06 (0.67, 1.68) | 0.793356757 |
| 14 | GSTZ1 | rs2270423 | A/G | Transsulfuration | referent | 0.96 (0.66, 1.4) | 0.837467353 |
| 14 | GSTZ1 | rs11624726 | A/G | Transsulfuration | referent | 0.95 (0.65, 1.38) | 0.778684471 |
| 14 | GSTZ1 | rs6637 | G/A | Transsulfuration | referent | 0.97 (0.7, 1.33) | 0.835875981 |
| 14 | GSTZ1 | rs11850771 | G/A | Transsulfuration | referent | 0.96 (0.61, 1.52) | 0.863400968 |
| 15 | MTHFS | rs7175723 | C/G | Folate | referent | 0.91 (0.62, 1.34) | 0.639177104 |
| 15 | MTHFS | rs685487 | G/A | Folate | referent | 0.9 (0.64, 1.28) | 0.558068235 |
| 15 | MTHFS | rs11854561 | A/G | Folate | referent | 0.88 (0.61, 1.27) | 0.49802617 |
| 15 | MTHFS | rs2733103 | A/G | Folate | referent | 0.87 (0.54, 1.39) | 0.551711497 |
| 15 | MTHFS | rs622506 | C/A | Folate | referent | 0.88 (0.62, 1.26) | 0.493171245 |
| 15 | MTHFS | rs2054287 | G/A | Folate | referent | 1.28 (0.79, 2.08) | 0.315915947 |
| 15 | MTHFS | rs17284990 | G/A | Folate | referent | 1.03 (0.68, 1.56) | 0.903432821 |
| 15 | MTHFS | rs7164897 | T/A | Folate | referent | 0.88 (0.49, 1.61) | 0.679792062 |
| 15 | MTHFS | rs12912711 | A/G | Folate | referent | 1.34 (0.61, 2.93) | 0.461398488 |
| 15 | MTHFS | rs16971449 | G/A | Folate | referent | 1.11 (0.56, 2.2) | 0.767741554 |
| 15 | MTHFS | rs6495446 | A/G | Folate | referent | 0.86 (0.59, 1.24) | 0.418856992 |
| 15 | MTHFS | rs16971460 | G/A | Folate | referent | 0.93 (0.57, 1.5) | 0.756536427 |
| 15 | MTHFS | rs7177659 | C/A | Folate | referent | 1.05 (0.76, 1.46) | 0.753395297 |
| 15 | MTHFS | rs6495449 | A/G | Folate | referent | 0.89 (0.48, 1.64) | 0.714360998 |
| 15 | MTHFS | rs8026997 | G/A | Folate | referent | 1.08 (0.75, 1.55) | 0.686773954 |
| 15 | MTHFS | rs9635381 | G/A | Folate | referent | 0.9 (0.58, 1.4) | 0.650826265 |
| 15 | MTHFS | rs2586154 | A/G | Folate | referent | 1.26 (0.69, 2.29) | 0.444662953 |
| 15 | MTHFS | rs12438477 | A/C | Folate | referent | 0.93 (0.67, 1.28) | 0.637747645 |
| 15 | MTHFS | rs2733107 | T/A | Folate | referent | 1.44 (0.86, 2.42) | 0.16213283 |
| 15 | MTHFS | rs2586183 | A/T | Folate | referent | 1.42 (1.03, 1.96) | 0.035988278 |
| 15 | MTHFS | rs12898642 | G/A | Folate | referent | 1.13 (0.83, 1.55) | 0.439633033 |
| 15 | MTHFS | rs2586182 | C/A | Folate | referent | 1.43 (0.8, 2.55) | 0.219704543 |
| 15 | MTHFS | rs4238512 | A/C | Folate | referent | 1.08 (0.78, 1.48) | 0.647143883 |
| 15 | MTHFS | rs2733088 | A/G | Folate | referent | 1.52 (1.09, 2.11) | 0.015117178 |
| 15 | MTHFS | rs2586181 | A/G | Folate | referent | 1.48 (0.83, 2.62) | 0.185969788 |
| 15 | MTHFS | rs2562749 | A/C | Folate | referent | 1.27 (0.7, 2.31) | 0.430816983 |
| 15 | MTHFS | rs4328397 | G/A | Folate | referent | 1.07 (0.65, 1.74) | 0.797492931 |
| 15 | MTHFS | rs4573897 | A/G | Folate | referent | 1.01 (0.73, 1.4) | 0.942845596 |
| 15 | MTHFS | rs2586179 | A/C | Folate | referent | 1.32 (0.95, 1.82) | 0.100654648 |
| 15 | MTHFS | rs12440609 | A/G | Folate | referent | 1.07 (0.71, 1.61) | 0.747834164 |
| 15 | MTHFS | rs8039272 | G/A | Folate | referent | 0.89 (0.61, 1.29) | 0.528673815 |
| 15 | MTHFS | rs8030396 | A/G | Folate | referent | 1.06 (0.72, 1.54) | 0.773378636 |
| 17 | SHMT1 | rs4924845 | G/A | Folate | referent | 0.94 (0.66, 1.34) | 0.742801041 |
| 17 | SHMT1 | rs921865 | A/G | Folate | referent | 0.98 (0.69, 1.39) | 0.896505586 |
| 17 | SHMT1 | rs921986 | A/G | Folate | referent | 0.96 (0.68, 1.36) | 0.827973284 |
| 17 | SHMT1 | rs12939757 | G/A | Folate | referent | 0.97 (0.66, 1.41) | 0.855462043 |
| 17 | SHMT1 | rs1979276 | A/G | Folate | referent | 0.86 (0.6, 1.23) | 0.402615738 |
| 17 | SHMT1 | rs1979277 | A/G | Folate | referent | 0.96 (0.66, 1.38) | 0.823795723 |
| 17 | SHMT1 | rs2273029 | A/G | Folate | referent | 1.25 (0.78, 1.99) | 0.350186835 |
| 17 | SHMT1 | rs2273028 | A/G | Folate | referent | 1.02 (0.72, 1.45) | 0.9122653 |
| 17 | SHMT1 | rs11868708 | G/A | Folate | referent | 0.99 (0.64, 1.54) | 0.977435425 |
| 17 | SHMT1 | rs4924849 | A/G | Folate | referent | 0.99 (0.68, 1.44) | 0.967111695 |
| 17 | SHMT1 | rs7207306 | A/G | Folate | referent | 0.92 (0.64, 1.34) | 0.672130592 |
| 17 | SHMT1 | rs9909104 | G/A | Folate | referent | 0.78 (0.52, 1.15) | 0.206263537 |
| 17 | SHMT1 | rs9910090 | C/A | Folate | referent | 1.13 (0.75, 1.71) | 0.551879985 |
| 17 | SHMT1 | rs2273027 | A/G | Folate | referent | 0.81 (0.57, 1.15) | 0.229961419 |
| 17 | SHMT1 | rs2461838 | A/G | Folate | referent | 1.02 (0.69, 1.5) | 0.920344325 |
| 17 | SHMT1 | rs2461837 | A/G | Folate | referent | 0.97 (0.66, 1.43) | 0.894756842 |
| 17 | SHMT1 | rs9901160 | A/G | Folate | referent | 0.9 (0.55, 1.46) | 0.660860501 |
| 17 | SHMT1 | rs8065874 | A/G | Folate | referent | 0.81 (0.55, 1.18) | 0.263586859 |
| 17 | NOS2A | rs4796017 | G/A | Transsulfuration | referent | 1.2 (0.86, 1.68) | 0.286405832 |
| 17 | NOS2A | rs4795051 | C/G | Transsulfuration | referent | 1.36 (0.98, 1.89) | 0.071022036 |
| 17 | NOS2A | rs7406657 | C/G | Transsulfuration | referent | 1.03 (0.7, 1.51) | 0.88675785 |
| 17 | NOS2A | rs11653716 | G/C | Transsulfuration | referent | 2.18 (0.95, 5.02) | 0.060682222 |
| 17 | NOS2A | rs2297516 | C/A | Transsulfuration | referent | 1.19 (0.86, 1.65) | 0.295608708 |
| 17 | NOS2A | rs2297518 | A/G | Transsulfuration | referent | 0.82 (0.53, 1.27) | 0.378527091 |
| 17 | NOS2A | rs9797244 | G/A | Transsulfuration | referent | 0.81 (0.52, 1.24) | 0.330760005 |
| 17 | NOS2A | rs4796052 | A/G | Transsulfuration | referent | 0.88 (0.57, 1.34) | 0.548928623 |
| 17 | NOS2A | rs11080344 | G/A | Transsulfuration | referent | 1.13 (0.84, 1.54) | 0.420635152 |
| 17 | NOS2A | rs4795067 | G/A | Transsulfuration | referent | 0.81 (0.57, 1.15) | 0.224031292 |
| 17 | NOS2A | rs944725 | A/G | Transsulfuration | referent | 1.03 (0.74, 1.43) | 0.860597823 |
| 17 | NOS2A | rs3794763 | A/G | Transsulfuration | referent | 0.77 (0.51, 1.15) | 0.203203372 |
| 17 | NOS2A | rs3794764 | A/G | Transsulfuration | referent | 0.85 (0.56, 1.29) | 0.449322636 |
| 17 | NOS2A | rs2072324 | A/C | Transsulfuration | referent | 0.89 (0.57, 1.37) | 0.58841905 |
| 17 | NOS2A | rs10459953 | C/G | Transsulfuration | referent | 1.41 (0.99, 2) | 0.058363806 |
| 17 | NOS2A | rs2779248 | G/A | Transsulfuration | referent | 0.96 (0.68, 1.36) | 0.813821091 |
| 17 | NOS2A | rs11080358 | A/G | Transsulfuration | referent | 1.49 (0.87, 2.56) | 0.141637316 |
| 17 | NOS2A | rs12150211 | A/G | Transsulfuration | referent | 0.82 (0.56, 1.19) | 0.294921021 |
| 17 | NOS2A | rs2531860 | A/G | Transsulfuration | referent | 1.02 (0.66, 1.59) | 0.91963303 |
| 17 | NOS2A | rs12709500 | G/A | Transsulfuration | referent | 0.77 (0.52, 1.12) | 0.16195034 |
| 17 | NOS2A | rs2531862 | A/G | Transsulfuration | referent | 0.96 (0.69, 1.33) | 0.793415629 |
| 17 | NOS2A | rs2531863 | A/G | Transsulfuration | referent | 0.85 (0.6, 1.19) | 0.329785487 |
| 18 | TYMS | rs9966612 | A/G | Folate | referent | 0.95 (0.65, 1.39) | 0.803860069 |
| 18 | TYMS | rs11664283 | A/G | Folate | referent | 0.77 (0.53, 1.13) | 0.175267734 |
| 18 | TYMS | rs502396 | G/A | Folate | referent | 0.71 (0.51, 0.99) | 0.042308998 |
| 18 | TYMS | rs1004474 | G/A | Folate | referent | 0.79 (0.58, 1.09) | 0.150629932 |
| 18 | TYMS | rs2847153 | A/G | Folate | referent | 0.98 (0.64, 1.5) | 0.935939705 |
| 18 | TYMS | rs1001761 | A/G | Folate | referent | 0.81 (0.59, 1.12) | 0.202021466 |
| 18 | TYMS | rs2853532 | A/G | Folate | referent | 1 (0.72, 1.4) | 0.992021287 |
| 18 | TYMS | rs9948583 | A/G | Folate | referent | 1.03 (0.73, 1.46) | 0.850843297 |
| 18 | TYMS | rs2276115 | T/A | Folate | referent | 1.18 (0.83, 1.68) | 0.355175465 |
| 18 | TYMS | rs495139 | G/C | Folate | referent | 0.98 (0.7, 1.38) | 0.915045164 |
| 18 | TYMS | rs2847326 | A/T | Folate | referent | 0.95 (0.67, 1.35) | 0.762329209 |
| 18 | TYMS | rs2612101 | A/G | Folate | referent | 0.82 (0.58, 1.17) | 0.269659159 |
| 18 | TYMS | rs2298583 | A/G | Folate | referent | 1.23 (0.87, 1.76) | 0.246031258 |
| 18 | TYMS | rs2298582 | C/A | Folate | referent | 1.51 (0.78, 2.9) | 0.21687948 |
| 18 | TYMS | rs2847324 | G/A | Folate | referent | 1.02 (0.71, 1.45) | 0.931540405 |
| 18 | TYMS | rs11873007 | A/G | Folate | referent | 1.16 (0.81, 1.67) | 0.407945592 |
| 18 | TYMS | rs7239738 | C/A | Folate | referent | 1.03 (0.68, 1.56) | 0.895537058 |
| 18 | TYMS | rs2847607 | A/G | Folate | referent | 0.88 (0.61, 1.27) | 0.491967634 |
| 19 | DNMT1 | rs8101626 | G/A | Homocysteine | referent | 1.5 (1.08, 2.08) | 0.018458528 |
| 19 | DNMT1 | rs2290684 | A/G | Homocysteine | referent | 1.25 (0.92, 1.71) | 0.157942037 |
| 19 | DNMT1 | rs11880388 | A/G | Homocysteine | referent | 0.85 (0.61, 1.18) | 0.327504538 |
| 19 | DNMT1 | rs2241531 | G/C | Homocysteine | referent | 0.4 (0.22, 0.75) | 0.003925412 |
| 19 | DNMT1 | rs11672909 | C/A | Homocysteine | referent | 0.43 (0.22, 0.84) | 0.012730362 |
| 19 | DNMT1 | rs8111085 | G/A | Homocysteine | referent | 0.44 (0.22, 0.86) | 0.014911113 |
| 19 | DNMT1 | rs7253062 | A/G | Homocysteine | referent | 1.58 (1.13, 2.2) | 0.008375366 |
| 19 | GPX4 | rs1609846 | C/A | Transsulfuration | referent | 1.18 (0.79, 1.75) | 0.416150718 |
| 19 | GPX4 | rs757228 | G/A | Transsulfuration | referent | 0.67 (0.47, 0.96) | 0.023980254 |
| 19 | GPX4 | rs2302109 | G/A | Transsulfuration | referent | 0.71 (0.5, 0.99) | 0.037181474 |
| 2 | DNMT3A | rs10084238 | G/A | Homocysteine | referent | 0.94 (0.67, 1.32) | 0.73465529 |
| 2 | DNMT3A | rs2304429 | G/A | Homocysteine | referent | 0.95 (0.68, 1.33) | 0.751158644 |
| 2 | DNMT3A | rs2289195 | A/G | Homocysteine | referent | 0.95 (0.67, 1.33) | 0.748920957 |
| 2 | DNMT3A | rs1465825 | G/A | Homocysteine | referent | 1.09 (0.74, 1.62) | 0.655950554 |
| 2 | DNMT3A | rs10460566 | G/A | Homocysteine | referent | 1.04 (0.7, 1.55) | 0.858687684 |
| 2 | DNMT3A | rs11887120 | A/G | Homocysteine | referent | 1.05 (0.76, 1.47) | 0.75419451 |
| 2 | DNMT3A | rs12991495 | G/A | Homocysteine | referent | 0.94 (0.63, 1.4) | 0.76935135 |
| 2 | DNMT3A | rs6546045 | G/A | Homocysteine | referent | 0.9 (0.63, 1.29) | 0.564085252 |
| 2 | DNMT3A | rs7578575 | T/A | Homocysteine | referent | 1.06 (0.72, 1.55) | 0.783826759 |
| 2 | DNMT3A | rs7590760 | G/C | Homocysteine | referent | 0.9 (0.67, 1.22) | 0.505966346 |
| 2 | DNMT3A | rs7586294 | A/G | Homocysteine | referent | 0.92 (0.68, 1.24) | 0.575784102 |
| 2 | DNMT3A | rs6749992 | A/C | Homocysteine | referent | 0.94 (0.67, 1.31) | 0.705414872 |
| 2 | DNMT3A | rs13428812 | G/A | Homocysteine | referent | 1.18 (0.82, 1.7) | 0.368203046 |
| 2 | DNMT3A | rs11892646 | A/G | Homocysteine | referent | 0.89 (0.51, 1.55) | 0.684286947 |
| 2 | DNMT3A | rs12999687 | C/A | Homocysteine | referent | 1.16 (0.83, 1.63) | 0.395063578 |
| 2 | DNMT3A | rs13401241 | A/C | Homocysteine | referent | 0.94 (0.68, 1.3) | 0.707506815 |
| 2 | DNMT3A | rs7587636 | G/A | Homocysteine | referent | 0.66 (0.47, 0.93) | 0.01389984 |
| 2 | DNMT3A | rs6711622 | A/G | Homocysteine | referent | 1.28 (0.9, 1.82) | 0.170431925 |
| 2 | DNMT3A | rs6722613 | G/A | Homocysteine | referent | 0.8 (0.58, 1.1) | 0.171049631 |
| 2 | DNMT3A | rs7575625 | G/A | Homocysteine | referent | 1.09 (0.78, 1.52) | 0.607276476 |
| 2 | DNMT3A | rs12987326 | G/A | Homocysteine | referent | 0.89 (0.64, 1.23) | 0.468928397 |
| 2 | DNMT3A | rs12995245 | G/A | Homocysteine | referent | 0.99 (0.71, 1.37) | 0.933321988 |
| 2 | DNMT3A | rs10196635 | T/A | Homocysteine | referent | 1.47 (0.81, 2.67) | 0.201730714 |
| 2 | DNMT3A | rs7560488 | G/A | Homocysteine | referent | 1.2 (0.85, 1.7) | 0.300268799 |
| 2 | MTHFD2 | rs828858 | A/T | Folate | referent | 0.76 (0.54, 1.06) | 0.104263906 |
| 2 | MTHFD2 | rs7340453 | G/A | Folate | referent | 0.73 (0.52, 1.03) | 0.067785786 |
| 2 | MTHFD2 | rs1667627 | G/A | Folate | referent | 0.85 (0.6, 1.2) | 0.353045611 |
| 2 | MTHFD2 | rs10199560 | G/A | Folate | referent | 0.74 (0.33, 1.64) | 0.458342211 |
| 2 | MTHFD2 | rs702462 | A/T | Folate | referent | 0.69 (0.48, 0.99) | 0.037129976 |
| 2 | MTHFD2 | rs7587117 | G/A | Folate | referent | 0.92 (0.64, 1.31) | 0.634340918 |
| 2 | MTHFD2 | rs6745054 | G/A | Folate | referent | 0.47 (0.31, 0.72) | 0.000305032 |
| 2 | MAT2A | rs17026396 | G/A | Homocysteine | referent | 1.17 (0.84, 1.62) | 0.362249397 |
| 2 | MAT2A | rs6705971 | C/A | Homocysteine | referent | 1.17 (0.84, 1.63) | 0.361989305 |
| 2 | MAT2A | rs10179195 | G/A | Homocysteine | referent | 1.3 (0.94, 1.79) | 0.116008398 |
| 2 | MAT2A | rs3755015 | A/G | Homocysteine | referent | 1.26 (0.92, 1.73) | 0.158326242 |
| 2 | MAT2A | rs2028900 | A/G | Homocysteine | referent | 1.08 (0.78, 1.49) | 0.633070424 |
| 2 | MAT2A | rs1078004 | C/G | Homocysteine | referent | 1.17 (0.85, 1.61) | 0.325139499 |
| 2 | MAT2A | rs13406935 | A/T | Homocysteine | referent | 1.6 (0.9, 2.83) | 0.107741516 |
| 2 | MAT2A | rs2028898 | A/G | Homocysteine | referent | 1.19 (0.81, 1.77) | 0.378361136 |
| 2 | MAT2A | rs762684 | A/G | Homocysteine | referent | 1.2 (0.8, 1.8) | 0.37578666 |
| 20 | DNMT3B | rs6058869 | A/G | Homocysteine | referent | 1.02 (0.73, 1.43) | 0.887704785 |
| 20 | DNMT3B | rs2424905 | A/G | Homocysteine | referent | 0.7 (0.49, 1) | 0.047160869 |
| 20 | DNMT3B | rs2424906 | A/G | Homocysteine | referent | 0.78 (0.54, 1.12) | 0.172571719 |
| 20 | DNMT3B | rs4911257 | G/A | Homocysteine | referent | 1.24 (0.89, 1.72) | 0.201263773 |
| 20 | DNMT3B | rs1883729 | A/G | Homocysteine | referent | 0.89 (0.64, 1.24) | 0.499029375 |
| 20 | DNMT3B | rs4911107 | A/G | Homocysteine | referent | 1.18 (0.85, 1.64) | 0.320893815 |
| 20 | DNMT3B | rs4911108 | G/A | Homocysteine | referent | 1.12 (0.8, 1.56) | 0.518217206 |
| 20 | DNMT3B | rs6119285 | A/G | Homocysteine | referent | 0.41 (0.2, 0.85) | 0.016441608 |
| 20 | DNMT3B | rs2424915 | A/G | Homocysteine | referent | 1.15 (0.83, 1.59) | 0.416771846 |
| 20 | DNMT3B | rs7360212 | C/A | Homocysteine | referent | 0.22 (0.09, 0.53) | 0.000523427 |
| 20 | DNMT3B | rs2889703 | A/C | Homocysteine | referent | 1.14 (0.82, 1.6) | 0.439885894 |
| 20 | DNMT3B | rs910084 | A/G | Homocysteine | referent | 1.03 (0.74, 1.44) | 0.861135771 |
| 20 | DNMT3B | rs1040555 | A/T | Homocysteine | referent | 1.06 (0.76, 1.48) | 0.740121367 |
| 20 | DNMT3B | rs6057647 | A/T | Homocysteine | referent | 0.83 (0.58, 1.2) | 0.319019999 |
| 20 | DNMT3B | rs6088008 | G/A | Homocysteine | referent | 1.06 (0.75, 1.49) | 0.746284133 |
| 20 | DNMT3B | rs910085 | C/A | Homocysteine | referent | 1.13 (0.81, 1.58) | 0.484061158 |
| 20 | DNMT3B | rs998382 | G/A | Homocysteine | referent | 1.16 (0.82, 1.63) | 0.405600326 |
| 20 | DNMT3B | rs992472 | A/C | Homocysteine | referent | 1.13 (0.81, 1.57) | 0.471892939 |
| 20 | DNMT3B | rs1997797 | G/C | Homocysteine | referent | 0.86 (0.6, 1.24) | 0.421503306 |
| 20 | DNMT3B | rs6058893 | A/G | Homocysteine | referent | 0.99 (0.71, 1.38) | 0.93898103 |
| 20 | DNMT3B | rs6058896 | A/G | Homocysteine | referent | 1.02 (0.47, 2.2) | 0.957499533 |
| 20 | DNMT3B | rs6058897 | A/C | Homocysteine | referent | 0.64 (0.43, 0.94) | 0.018090542 |
| 20 | GSS | rs4911450 | G/A | Transsulfuration | referent | 0.64 (0.44, 0.92) | 0.014264909 |
| 20 | GSS | rs6088650 | A/G | Transsulfuration | referent | 0.72 (0.51, 1.02) | 0.061171288 |
| 20 | GSS | rs725521 | A/G | Transsulfuration | referent | 0.8 (0.57, 1.12) | 0.185894333 |
| 20 | GSS | rs2236270 | A/C | Transsulfuration | referent | 1.44 (1.02, 2.03) | 0.041049749 |
| 20 | GSS | rs7265992 | A/G | Transsulfuration | referent | 0.79 (0.5, 1.26) | 0.326376932 |
| 20 | GSS | rs2273684 | C/A | Transsulfuration | referent | 1.16 (0.83, 1.6) | 0.393382818 |
| 20 | GSS | rs6060124 | A/C | Transsulfuration | referent | 0.95 (0.66, 1.36) | 0.768700731 |
| 20 | GSS | rs6060127 | C/G | Transsulfuration | referent | 0.9 (0.63, 1.3) | 0.581982861 |
| 20 | GSS | rs3761144 | C/G | Transsulfuration | referent | 0.78 (0.55, 1.11) | 0.168827933 |
| 20 | GSS | rs17310467 | G/A | Transsulfuration | referent | 0.7 (0.36, 1.39) | 0.313698431 |
| 20 | GSS | rs6088662 | C/A | Transsulfuration | referent | 1.73 (1.11, 2.72) | 0.017416993 |
| 20 | GSS | rs4911165 | C/A | Transsulfuration | referent | 0.72 (0.51, 1.03) | 0.065522974 |
| 21 | SOD1 | rs202445 | G/A | Transsulfuration | referent | 1.1 (0.68, 1.78) | 0.684431511 |
| 21 | SOD1 | rs2070424 | G/A | Transsulfuration | referent | 0.39 (0.19, 0.76) | 0.004811874 |
| 21 | SOD1 | rs1041740 | A/G | Transsulfuration | referent | 0.97 (0.67, 1.41) | 0.891230032 |
| 21 | SOD1 | rs2833475 | G/A | Transsulfuration | referent | 0.38 (0.2, 0.74) | 0.003400546 |
| 21 | SOD1 | rs2833476 | G/A | Transsulfuration | referent | 0.37 (0.19, 0.72) | 0.002534194 |
| 21 | SOD1 | rs16988427 | G/A | Transsulfuration | referent | 0.32 (0.16, 0.63) | 0.000729241 |
| 21 | CBS | rs1672126 | A/G | Transsulfuration | referent | 1.22 (0.83, 1.79) | 0.314395488 |
| 21 | CBS | rs11911976 | G/A | Transsulfuration | referent | 1.49 (1.1, 2.02) | 0.011311828 |
| 21 | CBS | rs1788490 | G/A | Transsulfuration | referent | 1.23 (0.84, 1.81) | 0.283227006 |
| 21 | CBS | rs11909493 | A/G | Transsulfuration | referent | 1.24 (0.79, 1.95) | 0.350170275 |
| 21 | CBS | rs8133239 | G/A | Transsulfuration | referent | 0.33 (0.14, 0.76) | 0.008965733 |
| 21 | CBS | rs719037 | G/A | Transsulfuration | referent | 0.89 (0.64, 1.23) | 0.463412436 |
| 21 | CBS | rs706209 | A/G | Transsulfuration | referent | 1.06 (0.75, 1.49) | 0.751661693 |
| 21 | CBS | rs2124458 | G/A | Transsulfuration | referent | 0.93 (0.65, 1.33) | 0.701786562 |
| 21 | CBS | rs4920037 | A/G | Transsulfuration | referent | 1.31 (0.85, 2.03) | 0.218575366 |
| 21 | CBS | rs12329764 | A/G | Transsulfuration | referent | 1.18 (0.63, 2.2) | 0.603855483 |
| 21 | CBS | rs234705 | A/G | Transsulfuration | referent | 1.22 (0.85, 1.76) | 0.280451637 |
| 21 | CBS | rs9974224 | A/G | Transsulfuration | referent | 1.13 (0.6, 2.15) | 0.699607976 |
| 21 | CBS | rs2851391 | A/G | Transsulfuration | referent | 1.1 (0.8, 1.51) | 0.550411778 |
| 21 | CBS | rs9982015 | G/A | Transsulfuration | referent | 1.02 (0.54, 1.95) | 0.943068041 |
| 21 | CBS | rs11701048 | A/G | Transsulfuration | referent | 1.13 (0.61, 2.1) | 0.682056555 |
| 21 | CBS | rs2850146 | C/G | Transsulfuration | referent | 1.1 (0.55, 2.23) | 0.786704893 |
| 21 | CBS | rs234783 | G/A | Transsulfuration | referent | 1.05 (0.76, 1.45) | 0.752671284 |
| 21 | CBS | rs234784 | A/G | Transsulfuration | referent | 0.83 (0.59, 1.18) | 0.300873177 |
| 21 | CBS | rs234785 | G/C | Transsulfuration | referent | 0.87 (0.62, 1.22) | 0.412466495 |
| 21 | CBS | rs3972 | A/G | Transsulfuration | referent | 0.76 (0.48, 1.22) | 0.256864101 |
| 21 | DNMT3L | rs2070561 | G/A | Homocysteine | referent | 0.87 (0.6, 1.26) | 0.448034281 |
| 21 | DNMT3L | rs2026880 | C/A | Homocysteine | referent | 0.97 (0.69, 1.36) | 0.844801973 |
| 21 | DNMT3L | rs3737435 | A/G | Homocysteine | referent | 1.23 (0.85, 1.78) | 0.273393643 |
| 21 | DNMT3L | rs2838540 | A/G | Homocysteine | referent | 1.35 (0.9, 2.05) | 0.152418299 |
| 21 | DNMT3L | rs2838541 | A/G | Homocysteine | referent | 0.68 (0.38, 1.22) | 0.195131869 |
| 22 | COMT | rs5746847 | A/G | Homocysteine | referent | 1.25 (0.91, 1.73) | 0.174167692 |
| 22 | COMT | rs2020917 | A/G | Homocysteine | referent | 1.66 (1.12, 2.45) | 0.01197275 |
| 22 | COMT | rs737866 | G/A | Homocysteine | referent | 1.45 (0.98, 2.14) | 0.064541471 |
| 22 | COMT | rs933271 | G/A | Homocysteine | referent | 0.87 (0.6, 1.24) | 0.424697468 |
| 22 | COMT | rs1544325 | A/G | Homocysteine | referent | 1.3 (0.94, 1.8) | 0.118102944 |
| 22 | COMT | rs174675 | A/G | Homocysteine | referent | 0.82 (0.58, 1.18) | 0.290599903 |
| 22 | COMT | rs5993883 | C/A | Homocysteine | referent | 1.03 (0.75, 1.42) | 0.86249023 |
| 22 | COMT | rs4646316 | A/G | Homocysteine | referent | 1.36 (0.89, 2.07) | 0.161873121 |
| 22 | COMT | rs9332377 | A/G | Homocysteine | referent | 1.25 (0.69, 2.27) | 0.450258916 |
| 22 | COMT | rs5993891 | A/G | Homocysteine | referent | 0.77 (0.4, 1.46) | 0.433135926 |
| 22 | COMT | rs2239394 | A/G | Homocysteine | referent | 0.76 (0.4, 1.45) | 0.405804069 |
| 22 | COMT | rs1110479 | A/G | Homocysteine | referent | 0.6 (0.32, 1.12) | 0.10730163 |
| 22 | COMT | rs887200 | G/A | Homocysteine | referent | 0.6 (0.4, 0.92) | 0.016882767 |
| 22 | TCN2 | rs5749131 | A/G | Folate | referent | 1.03 (0.75, 1.41) | 0.851931328 |
| 22 | TCN2 | rs16988828 | G/A | Folate | referent | 0.92 (0.51, 1.65) | 0.765631463 |
| 22 | TCN2 | rs7289549 | C/G | Folate | referent | 0.94 (0.56, 1.59) | 0.8266874 |
| 22 | TCN2 | rs9606756 | G/A | Folate | referent | 1.41 (0.83, 2.39) | 0.197142194 |
| 22 | TCN2 | rs740233 | G/A | Folate | referent | 0.82 (0.57, 1.2) | 0.301556109 |
| 22 | TCN2 | rs740234 | G/A | Folate | referent | 0.69 (0.43, 1.13) | 0.13972365 |
| 22 | TCN2 | rs1801198 | C/G | Folate | referent | 1.11 (0.81, 1.52) | 0.51822723 |
| 22 | TCN2 | rs16988855 | G/A | Folate | referent | 0.35 (0.16, 0.77) | 0.008095071 |
| 22 | TCN2 | rs9621049 | A/G | Folate | referent | 1.27 (0.74, 2.18) | 0.380142817 |
| 22 | TCN2 | rs4820886 | C/A | Folate | referent | 1.34 (0.78, 2.3) | 0.281992938 |
| 22 | TCN2 | rs4820887 | A/G | Folate | referent | 1.06 (0.6, 1.86) | 0.848938424 |
| 22 | TCN2 | rs4820888 | G/A | Folate | referent | 0.79 (0.55, 1.12) | 0.17426567 |
| 22 | TCN2 | rs2301957 | A/G | Folate | referent | 0.73 (0.51, 1.05) | 0.086444978 |
| 22 | TCN2 | rs10418 | A/G | Folate | referent | 1.07 (0.72, 1.6) | 0.739643757 |
| 22 | TCN2 | rs1544468 | G/A | Folate | referent | 0.73 (0.51, 1.03) | 0.069695381 |
| 22 | TCN2 | rs7289553 | G/A | Folate | referent | 0.72 (0.51, 1.02) | 0.061934097 |
| 22 | TCN2 | rs9306264 | A/G | Folate | referent | 0.74 (0.39, 1.4) | 0.347190278 |
| 22 | TCN2 | rs5749148 | A/G | Folate | referent | 0.69 (0.48, 0.98) | 0.035568365 |
| 3 | OGG1 | rs159154 | A/G | Transsulfuration | referent | 0.91 (0.61, 1.35) | 0.632266307 |
| 3 | OGG1 | rs2072668 | G/C | Transsulfuration | referent | 0.47 (0.31, 0.73) | 0.00039451 |
| 4 | SOD3 | rs13435617 | A/T | Transsulfuration | referent | 0.69 (0.41, 1.16) | 0.162337068 |
| 4 | SOD3 | rs17622933 | T/A | Transsulfuration | referent | 0.92 (0.64, 1.32) | 0.657251095 |
| 4 | SOD3 | rs2284659 | A/C | Transsulfuration | referent | 0.88 (0.64, 1.2) | 0.40700238 |
| 4 | SOD3 | rs2695234 | A/G | Transsulfuration | referent | 0.56 (0.33, 0.95) | 0.030217424 |
| 4 | SOD3 | rs17552548 | G/A | Transsulfuration | referent | 1.2 (0.52, 2.77) | 0.670258413 |
| 4 | SOD3 | rs758946 | G/A | Transsulfuration | referent | 0.64 (0.31, 1.34) | 0.239258082 |
| 4 | RFC1 | rs12648082 | G/A | Folate | referent | 0.95 (0.69, 1.32) | 0.767689833 |
| 4 | RFC1 | rs2276888 | A/G | Folate | referent | 0.87 (0.63, 1.2) | 0.379259748 |
| 4 | RFC1 | rs746678 | G/A | Folate | referent | 0.97 (0.7, 1.35) | 0.869051359 |
| 4 | RFC1 | rs11096990 | A/G | Folate | referent | 0.78 (0.54, 1.12) | 0.16877844 |
| 4 | RFC1 | rs4975002 | C/A | Folate | referent | 1.01 (0.74, 1.39) | 0.932848524 |
| 4 | RFC1 | rs17754 | G/C | Folate | referent | 0.96 (0.7, 1.32) | 0.799094508 |
| 4 | RFC1 | rs2306597 | A/G | Folate | referent | 0.65 (0.42, 1.03) | 0.062642619 |
| 4 | RFC1 | rs9993224 | A/G | Folate | referent | 1.03 (0.75, 1.42) | 0.834824073 |
| 4 | RFC1 | rs7693837 | A/G | Folate | referent | 1.05 (0.76, 1.44) | 0.767276527 |
| 4 | RFC1 | rs2066789 | G/A | Folate | referent | 1.15 (0.81, 1.63) | 0.447955428 |
| 4 | RFC1 | rs2381375 | G/A | Folate | referent | 1.28 (0.94, 1.74) | 0.119130139 |
| 4 | RFC1 | rs11096991 | G/A | Folate | referent | 1.12 (0.8, 1.57) | 0.510647526 |
| 4 | RFC1 | rs6815859 | A/G | Folate | referent | 1.25 (0.92, 1.7) | 0.157002723 |
| 4 | RFC1 | rs6531712 | T/A | Folate | referent | 0.8 (0.57, 1.12) | 0.185552719 |
| 4 | RFC1 | rs11727502 | A/C | Folate | referent | 0.79 (0.56, 1.11) | 0.167718341 |
| 4 | RFC1 | rs6835022 | T/A | Folate | referent | 1.18 (0.72, 1.94) | 0.502772172 |
| 4 | RFC1 | rs16995255 | C/G | Folate | referent | 1.12 (0.8, 1.58) | 0.500932639 |
| 4 | RFC1 | rs17584703 | G/A | Folate | referent | 1.34 (0.82, 2.2) | 0.243506288 |
| 4 | RFC1 | rs12644680 | G/A | Folate | referent | 0.82 (0.53, 1.28) | 0.382085855 |
| 4 | RFC1 | rs13123782 | A/C | Folate | referent | 0.94 (0.67, 1.3) | 0.689561937 |
| 4 | RFC1 | rs2062228 | A/G | Folate | referent | 0.23 (0.09, 0.59) | 0.001464114 |
| 4 | PGDS | rs8336 | A/G | Transsulfuration | referent | 1.37 (0.98, 1.9) | 0.066977612 |
| 4 | PGDS | rs11097411 | A/G | Transsulfuration | referent | 0.78 (0.54, 1.11) | 0.154818584 |
| 4 | PGDS | rs2016483 | T/A | Transsulfuration | referent | 1.19 (0.85, 1.66) | 0.313093728 |
| 4 | PGDS | rs11932130 | G/A | Transsulfuration | referent | 0.87 (0.54, 1.4) | 0.559333234 |
| 4 | PGDS | rs10033662 | G/A | Transsulfuration | referent | 0.83 (0.58, 1.18) | 0.286079569 |
| 4 | PGDS | rs11097413 | A/G | Transsulfuration | referent | 1.28 (0.93, 1.78) | 0.136143088 |
| 4 | PGDS | rs2865352 | A/G | Transsulfuration | referent | 1.23 (0.88, 1.71) | 0.226393092 |
| 4 | PGDS | rs10084984 | G/A | Transsulfuration | referent | 0.86 (0.53, 1.39) | 0.534345978 |
| 4 | PGDS | rs10516950 | A/G | Transsulfuration | referent | 1.32 (0.95, 1.84) | 0.100925329 |
| 4 | PGDS | rs2059605 | A/G | Transsulfuration | referent | 0.88 (0.63, 1.25) | 0.475459372 |
| 4 | PGDS | rs2289186 | A/C | Transsulfuration | referent | 0.75 (0.53, 1.07) | 0.109175212 |
| 4 | PGDS | rs724260 | A/G | Transsulfuration | referent | 0.6 (0.41, 0.87) | 0.005192456 |
| 4 | PGDS | rs11727030 | A/G | Transsulfuration | referent | 0.82 (0.58, 1.16) | 0.253276474 |
| 4 | PGDS | rs1991316 | C/A | Transsulfuration | referent | 0.84 (0.59, 1.19) | 0.31979615 |
| 4 | PGDS | rs10856909 | G/C | Transsulfuration | referent | 1.31 (0.94, 1.83) | 0.118912989 |
| 4 | PGDS | rs17376684 | G/A | Transsulfuration | referent | 1.03 (0.62, 1.69) | 0.914970827 |
| 4 | PGDS | rs4282187 | A/G | Transsulfuration | referent | 0.76 (0.54, 1.09) | 0.12921086 |
| 5 | GPX3 | rs707149 | A/G | Transsulfuration | referent | 0.78 (0.56, 1.09) | 0.134576687 |
| 5 | GPX3 | rs2042236 | A/G | Transsulfuration | referent | 1.14 (0.64, 2.04) | 0.658738172 |
| 5 | GPX3 | rs1946236 | T/A | Transsulfuration | referent | 1.08 (0.61, 1.91) | 0.790320295 |
| 5 | GPX3 | rs3828599 | A/G | Transsulfuration | referent | 0.8 (0.55, 1.16) | 0.235292264 |
| 5 | GPX3 | rs3792797 | A/C | Transsulfuration | referent | 1 (0.65, 1.54) | 0.994953769 |
| 5 | GPX3 | rs4958872 | G/A | Transsulfuration | referent | 0.85 (0.59, 1.23) | 0.392552766 |
| 5 | GPX3 | rs3792796 | C/G | Transsulfuration | referent | 0.73 (0.52, 1.02) | 0.060107353 |
| 5 | GPX3 | rs8177427 | A/G | Transsulfuration | referent | 0.87 (0.55, 1.37) | 0.546888998 |
| 5 | GPX3 | rs8177429 | G/C | Transsulfuration | referent | 0.54 (0.31, 0.95) | 0.032192806 |
| 5 | GPX3 | rs8177431 | G/A | Transsulfuration | referent | 0.71 (0.51, 0.99) | 0.040813541 |
| 5 | GPX3 | rs8177433 | A/G | Transsulfuration | referent | 0.62 (0.41, 0.93) | 0.020127293 |
| 5 | GPX3 | rs8177435 | C/A | Transsulfuration | referent | 0.76 (0.55, 1.06) | 0.103448333 |
| 5 | GPX3 | rs8177441 | C/G | Transsulfuration | referent | 0.62 (0.41, 0.94) | 0.022063633 |
| 5 | MAT2B | rs299289 | A/C | Homocysteine | referent | 1.04 (0.74, 1.45) | 0.822854596 |
| 5 | MAT2B | rs10038157 | G/A | Homocysteine | referent | 1.23 (0.74, 2.04) | 0.42590647 |
| 5 | MAT2B | rs10040698 | A/G | Homocysteine | referent | 1.17 (0.7, 1.96) | 0.539245463 |
| 5 | MAT2B | rs1363730 | A/G | Homocysteine | referent | 1.71 (0.99, 2.97) | 0.055025271 |
| 5 | MAT2B | rs6882306 | G/A | Homocysteine | referent | 0.97 (0.63, 1.49) | 0.884343927 |
| 5 | MAT2B | rs6881452 | G/A | Homocysteine | referent | 0.94 (0.61, 1.45) | 0.793592357 |
| 5 | MAT2B | rs1472376 | A/G | Homocysteine | referent | 0.86 (0.57, 1.3) | 0.476875571 |
| 5 | MAT2B | rs4869087 | C/A | Homocysteine | referent | 1.27 (0.9, 1.78) | 0.178549021 |
| 5 | MAT2B | rs17061784 | G/A | Homocysteine | referent | 0.45 (0.2, 1.03) | 0.056302686 |
| 5 | MAT2B | rs6874065 | G/A | Homocysteine | referent | 0.8 (0.57, 1.13) | 0.202484918 |
| 5 | MAT2B | rs17061795 | G/A | Homocysteine | referent | 0.68 (0.41, 1.15) | 0.150211672 |
| 5 | MAT2B | rs7722729 | G/A | Homocysteine | referent | 0.74 (0.45, 1.21) | 0.238665341 |
| 5 | MAT2B | rs6869277 | A/G | Homocysteine | referent | 1.54 (0.83, 2.84) | 0.164725627 |
| 5 | MAT2B | rs7733775 | A/G | Homocysteine | referent | 0.72 (0.52, 1) | 0.047447178 |
| 5 | MAT2B | rs7716203 | G/A | Homocysteine | referent | 0.7 (0.5, 0.97) | 0.030191765 |
| 5 | MAT2B | rs7716694 | A/G | Homocysteine | referent | 0.76 (0.54, 1.06) | 0.099806046 |
| 5 | MAT2B | rs729352 | A/G | Homocysteine | referent | 0.79 (0.54, 1.16) | 0.222235079 |
| 5 | MAT2B | rs10035535 | G/A | Homocysteine | referent | 0.76 (0.55, 1.06) | 0.09790397 |
| 5 | MAT2B | rs12655857 | A/C | Homocysteine | referent | 0.84 (0.58, 1.23) | 0.376621723 |
| 5 | MAT2B | rs17535909 | A/G | Homocysteine | referent | 1.22 (0.85, 1.75) | 0.28921328 |
| 5 | BHMT2 | rs542721 | G/C | Homocysteine | referent | 0.87 (0.62, 1.22) | 0.4121883 |
| 5 | BHMT2 | rs642934 | C/A | Homocysteine | referent | 1.19 (0.79, 1.79) | 0.403874527 |
| 5 | BHMT2 | rs670220 | A/C | Homocysteine | referent | 1.38 (0.92, 2.07) | 0.122271532 |
| 5 | BHMT2 | rs682985 | G/A | Homocysteine | referent | 0.83 (0.6, 1.16) | 0.280786335 |
| 5 | BHMT2 | rs1422086 | C/A | Homocysteine | referent | 0.76 (0.55, 1.07) | 0.112185572 |
| 5 | BHMT2 | rs557302 | A/G | Homocysteine | referent | 1.06 (0.78, 1.45) | 0.69642281 |
| 5 | BHMT2 | rs526264 | A/T | Homocysteine | referent | 0.86 (0.62, 1.19) | 0.349530752 |
| 5 | BHMT2 | rs625879 | A/C | Homocysteine | referent | 0.92 (0.67, 1.27) | 0.615558245 |
| 5 | BHMT2 | rs2909856 | G/A | Homocysteine | referent | 1.01 (0.72, 1.42) | 0.949697034 |
| 5 | BHMT2 | rs659044 | A/G | Homocysteine | referent | 0.93 (0.67, 1.29) | 0.671046878 |
| 5 | BHMT2 | rs575425 | A/G | Homocysteine | referent | 1.04 (0.75, 1.45) | 0.811822445 |
| 5 | BHMT | rs490268 | G/A | Homocysteine | referent | 0.96 (0.69, 1.33) | 0.798639824 |
| 5 | BHMT | rs645112 | C/A | Homocysteine | referent | 0.9 (0.65, 1.25) | 0.540507489 |
| 5 | BHMT | rs600473 | C/A | Homocysteine | referent | 1.14 (0.82, 1.59) | 0.44209448 |
| 5 | BHMT | rs16876512 | A/G | Homocysteine | referent | 0.73 (0.38, 1.4) | 0.347999079 |
| 5 | BHMT | rs542852 | A/G | Homocysteine | referent | 1.06 (0.75, 1.48) | 0.749181639 |
| 5 | BHMT | rs492842 | G/A | Homocysteine | referent | 1.03 (0.74, 1.44) | 0.848815067 |
| 5 | BHMT | rs6875201 | G/A | Homocysteine | referent | 0.91 (0.46, 1.79) | 0.781432522 |
| 5 | BHMT | rs7700970 | A/G | Homocysteine | referent | 1.01 (0.71, 1.45) | 0.949823415 |
| 5 | BHMT | rs3797546 | G/A | Homocysteine | referent | 0.69 (0.3, 1.58) | 0.378902405 |
| 5 | BHMT | rs506500 | A/G | Homocysteine | referent | 1.24 (0.86, 1.81) | 0.255220311 |
| 5 | BHMT | rs558133 | C/A | Homocysteine | referent | 1.15 (0.81, 1.65) | 0.435511641 |
| 5 | BHMT | rs1915706 | A/G | Homocysteine | referent | 0.9 (0.65, 1.25) | 0.528601132 |
| 5 | MTRR | rs1046014 | G/A | Homocysteine | referent | 0.78 (0.48, 1.26) | 0.307570425 |
| 5 | MTRR | rs1046012 | G/A | Homocysteine | referent | 0.88 (0.61, 1.26) | 0.47648391 |
| 5 | MTRR | rs16879236 | C/A | Homocysteine | referent | 1.62 (0.66, 3.94) | 0.287775339 |
| 5 | MTRR | rs162024 | C/A | Homocysteine | referent | 0.95 (0.69, 1.32) | 0.774124326 |
| 5 | MTRR | rs162027 | G/A | Homocysteine | referent | 1.23 (0.76, 1.97) | 0.39474357 |
| 5 | MTRR | rs2307116 | A/G | Homocysteine | referent | 0.88 (0.6, 1.27) | 0.482387924 |
| 5 | MTRR | rs162029 | A/G | Homocysteine | referent | 0.59 (0.39, 0.89) | 0.009814166 |
| 5 | MTRR | rs16879258 | A/C | Homocysteine | referent | 1.14 (0.63, 2.07) | 0.669489373 |
| 5 | MTRR | rs16879259 | G/A | Homocysteine | referent | 2.54 (1.02, 6.35) | 0.039893225 |
| 5 | MTRR | rs1801394 | G/A | Homocysteine | referent | 0.48 (0.33, 0.71) | 8.72E-05 |
| 5 | MTRR | rs7730643 | G/A | Homocysteine | referent | 1.09 (0.7, 1.69) | 0.695401499 |
| 5 | MTRR | rs161869 | A/G | Homocysteine | referent | 1.04 (0.75, 1.44) | 0.815111097 |
| 5 | MTRR | rs1532268 | A/G | Homocysteine | referent | 0.96 (0.69, 1.36) | 0.83632899 |
| 5 | MTRR | rs3776465 | G/A | Homocysteine | referent | 0.92 (0.62, 1.36) | 0.664552939 |
| 5 | MTRR | rs7703033 | A/G | Homocysteine | referent | 0.85 (0.58, 1.24) | 0.391235058 |
| 5 | MTRR | rs162033 | A/G | Homocysteine | referent | 0.93 (0.66, 1.29) | 0.646736054 |
| 5 | MTRR | rs16879305 | G/A | Homocysteine | referent | 0.85 (0.53, 1.37) | 0.501206892 |
| 5 | MTRR | rs162037 | A/G | Homocysteine | referent | 1.12 (0.71, 1.77) | 0.634310957 |
| 5 | MTRR | rs3815743 | G/A | Homocysteine | referent | 0.97 (0.61, 1.56) | 0.910272939 |
| 5 | MTRR | rs162039 | A/G | Homocysteine | referent | 0.87 (0.55, 1.38) | 0.564214129 |
| 5 | MTRR | rs2287780 | A/G | Homocysteine | referent | 1.75 (0.66, 4.62) | 0.256317184 |
| 5 | MTRR | rs10380 | A/G | Homocysteine | referent | 0.85 (0.53, 1.37) | 0.497586587 |
| 5 | MTRR | rs9282787 | G/A | Homocysteine | referent | 0.69 (0.42, 1.14) | 0.149463284 |
| 5 | MTRR | rs13183229 | A/G | Homocysteine | referent | 0.98 (0.7, 1.37) | 0.904022188 |
| 5 | MTRR | rs10066017 | C/A | Homocysteine | referent | 0.85 (0.57, 1.25) | 0.39976934 |
| 5 | MTRR | rs7715062 | A/C | Homocysteine | referent | 1.01 (0.72, 1.4) | 0.974521942 |
| 5 | MTRR | rs11951657 | G/A | Homocysteine | referent | 1.02 (0.73, 1.42) | 0.910413757 |
| 5 | DHFR | rs1232027 | A/G | Folate | referent | 1.13 (0.76, 1.67) | 0.545610378 |
| 5 | DHFR | rs1677694 | A/G | Folate | referent | 1.61 (1.07, 2.43) | 0.023663068 |
| 5 | DHFR | rs10072026 | G/A | Folate | referent | 0.76 (0.44, 1.32) | 0.331548535 |
| 5 | DHFR | rs380691 | G/A | Folate | referent | 0.95 (0.68, 1.34) | 0.783127751 |
| 5 | GLRX | rs6894498 | A/G | Transsulfuration | referent | 0.87 (0.51, 1.5) | 0.622262798 |
| 5 | GLRX | rs7700813 | A/G | Transsulfuration | referent | 0.73 (0.42, 1.25) | 0.248527882 |
| 5 | GLRX | rs13173742 | A/G | Transsulfuration | referent | 1.54 (1.11, 2.14) | 0.011948601 |
| 5 | GLRX | rs11953653 | A/G | Transsulfuration | referent | 1.78 (1.29, 2.45) | 0.000597734 |
| 5 | GLRX | rs11135434 | G/A | Transsulfuration | referent | 1.04 (0.74, 1.44) | 0.840001891 |
| 5 | GLRX | rs889224 | A/T | Transsulfuration | referent | 0.74 (0.51, 1.07) | 0.103142998 |
| 5 | GLRX | rs17085130 | A/G | Transsulfuration | referent | 0.63 (0.28, 1.38) | 0.248140956 |
| 5 | GLRX | rs2007 | G/C | Transsulfuration | referent | 0.73 (0.46, 1.14) | 0.16436076 |
| 5 | GLRX | rs6556883 | A/G | Transsulfuration | referent | 0.64 (0.4, 1.02) | 0.058969237 |
| 5 | GLRX | rs4561 | G/A | Transsulfuration | referent | 1.33 (0.94, 1.89) | 0.115922819 |
| 5 | GLRX | rs3822751 | C/G | Transsulfuration | referent | 0.77 (0.52, 1.16) | 0.211416481 |
| 5 | GLRX | rs9314160 | A/G | Transsulfuration | referent | 1.11 (0.8, 1.54) | 0.520349764 |
| 5 | GLRX | rs871775 | A/G | Transsulfuration | referent | 0.73 (0.42, 1.25) | 0.248126771 |
| 5 | GLRX | rs3756705 | A/C | Transsulfuration | referent | 1.01 (0.72, 1.41) | 0.971683854 |
| 5 | GLRX | rs6556884 | A/G | Transsulfuration | referent | 0.87 (0.6, 1.27) | 0.472630218 |
| 5 | GLRX | rs6556885 | A/G | Transsulfuration | referent | 0.91 (0.63, 1.33) | 0.625973992 |
| 5 | GLRX | rs12513728 | A/C | Transsulfuration | referent | 0.83 (0.42, 1.65) | 0.596792992 |
| 5 | GLRX | rs12109442 | T/A | Transsulfuration | referent | 0.27 (0.14, 0.5) | 2.06E-05 |
| 5 | GLRX | rs6876015 | G/A | Transsulfuration | referent | 1.24 (0.87, 1.78) | 0.237337336 |
| 5 | GLRX | rs11747430 | C/G | Transsulfuration | referent | 1.25 (0.87, 1.79) | 0.229512503 |
| 5 | GLRX | rs17085159 | A/G | Transsulfuration | referent | 0.23 (0.12, 0.44) | 2.66E-06 |
| 5 | GLRX | rs7726424 | A/G | Transsulfuration | referent | 0.97 (0.45, 2.09) | 0.96468768 |
| 6 | SOD2 | rs732498 | A/G | Transsulfuration | referent | 0.86 (0.58, 1.29) | 0.465172559 |
| 6 | SOD2 | rs8031 | T/A | Transsulfuration | referent | 1.2 (0.88, 1.63) | 0.250807527 |
| 6 | SOD2 | rs5746151 | A/G | Transsulfuration | referent | 0.51 (0.19, 1.33) | 0.16560113 |
| 6 | SOD2 | rs2758331 | A/C | Transsulfuration | referent | 1.1 (0.81, 1.5) | 0.554260347 |
| 6 | SOD2 | rs5746105 | G/A | Transsulfuration | referent | 0.82 (0.55, 1.23) | 0.32601558 |
| 6 | SOD2 | rs6912979 | G/A | Transsulfuration | referent | 0.86 (0.57, 1.29) | 0.463537212 |
| 6 | GPX6 | rs2859355 | A/G | Transsulfuration | referent | 1.19 (0.86, 1.63) | 0.299881738 |
| 6 | GPX6 | rs2859358 | T/A | Transsulfuration | referent | 1.01 (0.69, 1.47) | 0.963974708 |
| 6 | GPX6 | rs974334 | C/G | Transsulfuration | referent | 0.98 (0.67, 1.44) | 0.924335732 |
| 6 | GPX6 | rs4713167 | G/A | Transsulfuration | referent | 1.32 (0.95, 1.85) | 0.107487391 |
| 6 | GPX6 | rs2078439 | A/G | Transsulfuration | referent | 1.02 (0.62, 1.67) | 0.952555539 |
| 6 | GPX6 | rs406113 | C/A | Transsulfuration | referent | 1.16 (0.84, 1.6) | 0.360474352 |
| 6 | GPX6 | rs1003359 | G/A | Transsulfuration | referent | 1.19 (0.86, 1.66) | 0.302541047 |
| 6 | GPX6 | rs2078035 | A/G | Transsulfuration | referent | 0.91 (0.58, 1.42) | 0.675426397 |
| 6 | GPX5 | rs11757235 | A/G | Transsulfuration | referent | 0.98 (0.53, 1.79) | 0.93992369 |
| 6 | GPX5 | rs445870 | G/A | Transsulfuration | referent | 1.31 (0.94, 1.82) | 0.112000807 |
| 6 | GPX5 | rs2064424 | G/A | Transsulfuration | referent | 1.15 (0.71, 1.87) | 0.565564889 |
| 6 | GPX5 | rs440481 | C/A | Transsulfuration | referent | 0.98 (0.66, 1.46) | 0.925686053 |
| 6 | GPX5 | rs380879 | C/A | Transsulfuration | referent | 0.93 (0.6, 1.45) | 0.747363309 |
| 6 | GPX5 | rs451774 | G/A | Transsulfuration | referent | 1.19 (0.85, 1.66) | 0.310652408 |
| 6 | GPX5 | rs13215054 | A/C | Transsulfuration | referent | 1.1 (0.71, 1.69) | 0.677758521 |
| 6 | GPX5 | rs454182 | C/G | Transsulfuration | referent | 1.07 (0.77, 1.5) | 0.687797556 |
| 6 | GNMT | rs11752813 | C/G | Homocysteine | referent | 0.87 (0.62, 1.23) | 0.436078414 |
| 6 | GNMT | rs2274517 | G/A | Homocysteine | referent | 0.85 (0.61, 1.19) | 0.345661648 |
| 6 | GSTA2 | rs2608615 | A/G | Transsulfuration | referent | 0.7 (0.41, 1.21) | 0.198705964 |
| 6 | GSTA2 | rs6904935 | A/G | Transsulfuration | referent | 0.46 (0.27, 0.81) | 0.006355357 |
| 6 | GSTA2 | rs6577 | C/A | Transsulfuration | referent | 0.61 (0.34, 1.12) | 0.113138854 |
| 6 | GSTA2 | rs2180314 | G/C | Transsulfuration | referent | 0.93 (0.67, 1.29) | 0.673686579 |
| 6 | GSTA2 | rs2749035 | G/A | Transsulfuration | referent | 0.83 (0.57, 1.2) | 0.31374611 |
| 6 | GSTA2 | rs4715318 | A/G | Transsulfuration | referent | 0.78 (0.55, 1.11) | 0.165658365 |
| 6 | GSTA1 | rs9474321 | G/A | Transsulfuration | referent | 0.82 (0.58, 1.16) | 0.25267367 |
| 6 | GSTA1 | rs6917325 | A/G | Transsulfuration | referent | 0.82 (0.58, 1.16) | 0.25743472 |
| 6 | GSTA1 | rs10948723 | G/A | Transsulfuration | referent | 0.74 (0.51, 1.05) | 0.086564951 |
| 6 | GSTA3 | rs641019 | A/T | Transsulfuration | referent | 0.81 (0.58, 1.13) | 0.200144455 |
| 6 | GSTA3 | rs668163 | A/G | Transsulfuration | referent | 0.73 (0.51, 1.03) | 0.067276092 |
| 6 | GSTA3 | rs12207773 | A/G | Transsulfuration | referent | 0.55 (0.32, 0.93) | 0.026249629 |
| 6 | GSTA3 | rs9296695 | A/G | Transsulfuration | referent | 0.53 (0.34, 0.81) | 0.00341267 |
| 6 | GSTA3 | rs4712023 | A/G | Transsulfuration | referent | 0.54 (0.35, 0.83) | 0.004432049 |
| 6 | GSTA3 | rs2281594 | C/G | Transsulfuration | referent | 0.49 (0.3, 0.8) | 0.003820875 |
| 6 | GSTA3 | rs614765 | G/C | Transsulfuration | referent | 0.41 (0.25, 0.67) | 0.00027009 |
| 6 | GSTA3 | rs517029 | A/G | Transsulfuration | referent | 0.78 (0.52, 1.17) | 0.230505408 |
| 6 | GSTA3 | rs9382157 | A/G | Transsulfuration | referent | 0.49 (0.31, 0.78) | 0.002316593 |
| 6 | GSTA3 | rs12202200 | A/G | Transsulfuration | referent | 0.49 (0.31, 0.78) | 0.002145964 |
| 6 | GSTA4 | rs9463851 | G/A | Transsulfuration | referent | 0.89 (0.58, 1.34) | 0.568095224 |
| 6 | GSTA4 | rs396216 | G/A | Transsulfuration | referent | 0.88 (0.59, 1.32) | 0.531826703 |
| 6 | GSTA4 | rs1032419 | G/A | Transsulfuration | referent | 0.91 (0.6, 1.38) | 0.66766974 |
| 6 | GSTA4 | rs1032418 | A/T | Transsulfuration | referent | 0.79 (0.55, 1.12) | 0.176773817 |
| 6 | GSTA4 | rs428957 | A/G | Transsulfuration | referent | 0.88 (0.62, 1.23) | 0.445936277 |
| 6 | GSTA4 | rs612483 | A/G | Transsulfuration | referent | 0.75 (0.52, 1.08) | 0.118350144 |
| 6 | GSTA4 | rs613764 | G/A | Transsulfuration | referent | 0.74 (0.51, 1.06) | 0.096304552 |
| 6 | GSTA4 | rs419129 | A/C | Transsulfuration | referent | 0.83 (0.59, 1.17) | 0.292887663 |
| 6 | GSTA4 | rs405729 | A/G | Transsulfuration | referent | 0.83 (0.59, 1.17) | 0.286800521 |
| 6 | GSTA4 | rs17614871 | A/T | Transsulfuration | referent | 0.64 (0.41, 1) | 0.05050721 |
| 6 | GSTA4 | rs12524274 | A/C | Transsulfuration | referent | 0.6 (0.27, 1.32) | 0.202512709 |
| 6 | GSTA4 | rs316135 | G/A | Transsulfuration | referent | 0.89 (0.63, 1.26) | 0.498513282 |
| 6 | GSTA4 | rs654144 | G/A | Transsulfuration | referent | 0.73 (0.34, 1.55) | 0.412487371 |
| 6 | GSTA4 | rs3756980 | G/A | Transsulfuration | referent | 0.72 (0.46, 1.13) | 0.149567137 |
| 6 | GSTA4 | rs16883343 | A/G | Transsulfuration | referent | 0.87 (0.58, 1.28) | 0.46925065 |
| 6 | GSTA4 | rs182623 | A/T | Transsulfuration | referent | 0.82 (0.56, 1.19) | 0.293700599 |
| 6 | GSTA4 | rs2397135 | A/C | Transsulfuration | referent | 0.81 (0.55, 1.18) | 0.27210986 |
| 6 | GCLC | rs6922238 | C/A | Transsulfuration | referent | 0.99 (0.72, 1.37) | 0.973302659 |
| 6 | GCLC | rs1453181 | C/G | Transsulfuration | referent | 0.78 (0.48, 1.25) | 0.299082651 |
| 6 | GCLC | rs2397146 | A/G | Transsulfuration | referent | 1.58 (1.11, 2.24) | 0.01155644 |
| 6 | GCLC | rs742528 | A/T | Transsulfuration | referent | 1.54 (1.08, 2.2) | 0.017188146 |
| 6 | GCLC | rs6458939 | A/C | Transsulfuration | referent | 1.58 (1.11, 2.26) | 0.012496702 |
| 6 | GCLC | rs7742367 | G/A | Transsulfuration | referent | 0.86 (0.59, 1.26) | 0.445091973 |
| 6 | GCLC | rs10948751 | C/A | Transsulfuration | referent | 0.91 (0.63, 1.31) | 0.613228709 |
| 6 | GCLC | rs4140528 | A/G | Transsulfuration | referent | 1.01 (0.68, 1.5) | 0.952555539 |
| 6 | GCLC | rs16883893 | G/C | Transsulfuration | referent | 0.53 (0.31, 0.9) | 0.018691823 |
| 6 | GCLC | rs2066511 | A/G | Transsulfuration | referent | 0.92 (0.62, 1.36) | 0.661505473 |
| 6 | GCLC | rs12525474 | A/G | Transsulfuration | referent | 1.32 (0.78, 2.23) | 0.294134467 |
| 6 | GCLC | rs13437220 | C/G | Transsulfuration | referent | 0.45 (0.27, 0.74) | 0.001546881 |
| 6 | GCLC | rs13437395 | G/A | Transsulfuration | referent | 0.4 (0.24, 0.67) | 0.000368167 |
| 6 | GCLC | rs2277108 | A/G | Transsulfuration | referent | 0.43 (0.26, 0.71) | 0.000695947 |
| 6 | GCLC | rs661603 | G/A | Transsulfuration | referent | 0.92 (0.67, 1.26) | 0.602060075 |
| 6 | GCLC | rs524553 | A/G | Transsulfuration | referent | 1.08 (0.7, 1.65) | 0.732663571 |
| 6 | GCLC | rs12524494 | G/A | Transsulfuration | referent | 0.41 (0.23, 0.71) | 0.001285146 |
| 6 | GCLC | rs1555903 | G/A | Transsulfuration | referent | 0.58 (0.36, 0.91) | 0.018021273 |
| 6 | GCLC | rs9474576 | G/A | Transsulfuration | referent | 0.53 (0.34, 0.84) | 0.006794297 |
| 6 | GCLC | rs16883912 | A/G | Transsulfuration | referent | 1.7 (0.91, 3.18) | 0.091916752 |
| 6 | GCLC | rs642429 | G/A | Transsulfuration | referent | 1.15 (0.68, 1.95) | 0.592575548 |
| 6 | GCLC | rs542914 | A/C | Transsulfuration | referent | 0.99 (0.71, 1.37) | 0.943515579 |
| 6 | GCLC | rs546726 | G/A | Transsulfuration | referent | 1.26 (0.89, 1.77) | 0.197460266 |
| 6 | GCLC | rs634657 | A/G | Transsulfuration | referent | 1.22 (0.87, 1.71) | 0.252807877 |
| 6 | GCLC | rs648595 | A/C | Transsulfuration | referent | 1.18 (0.84, 1.67) | 0.348503138 |
| 6 | GCLC | rs617066 | A/G | Transsulfuration | referent | 1 (0.66, 1.52) | 0.992021287 |
| 6 | GCLC | rs572494 | G/A | Transsulfuration | referent | 1.25 (0.92, 1.69) | 0.156640757 |
| 6 | GCLC | rs13212365 | A/G | Transsulfuration | referent | 1.39 (1, 1.92) | 0.050214554 |
| 6 | GCLC | rs1555906 | A/G | Transsulfuration | referent | 0.99 (0.7, 1.38) | 0.937037657 |
| 6 | GCLC | rs761142 | C/A | Transsulfuration | referent | 0.95 (0.67, 1.35) | 0.765503487 |
| 6 | GCLC | rs1002269 | G/A | Transsulfuration | referent | 0.5 (0.29, 0.85) | 0.010464864 |
| 6 | GCLC | rs6934367 | A/G | Transsulfuration | referent | 0.55 (0.34, 0.9) | 0.015590689 |
| 6 | GCLC | rs2397147 | G/A | Transsulfuration | referent | 1.11 (0.8, 1.54) | 0.5275027 |
| 6 | GCLC | rs3799698 | A/G | Transsulfuration | referent | 0.46 (0.26, 0.79) | 0.00442804 |
| 6 | GCLC | rs3799699 | A/G | Transsulfuration | referent | 0.46 (0.26, 0.81) | 0.006304927 |
| 6 | GCLC | rs547109 | C/A | Transsulfuration | referent | 0.5 (0.3, 0.83) | 0.006360868 |
| 6 | GCLC | rs606548 | A/G | Transsulfuration | referent | 0.42 (0.25, 0.72) | 0.001138918 |
| 6 | GCLC | rs2284650 | G/A | Transsulfuration | referent | 0.41 (0.23, 0.73) | 0.002164748 |
| 6 | GCLC | rs675908 | G/A | Transsulfuration | referent | 1.01 (0.67, 1.53) | 0.959333334 |
| 7 | KIAA0828 | rs4728160 | C/G | Homocysteine | referent | 0.73 (0.49, 1.1) | 0.131055254 |
| 7 | KIAA0828 | rs3734969 | A/C | Homocysteine | referent | 1.34 (0.93, 1.92) | 0.115246553 |
| 7 | KIAA0828 | rs6467233 | A/G | Homocysteine | referent | 0.91 (0.61, 1.35) | 0.633130082 |
| 7 | KIAA0828 | rs10257620 | C/A | Homocysteine | referent | 0.96 (0.68, 1.36) | 0.826367513 |
| 7 | KIAA0828 | rs11771587 | A/G | Homocysteine | referent | 0.91 (0.62, 1.33) | 0.610477627 |
| 7 | KIAA0828 | rs6974155 | G/C | Homocysteine | referent | 0.8 (0.54, 1.21) | 0.293963451 |
| 7 | KIAA0828 | rs9649531 | A/G | Homocysteine | referent | 1.02 (0.74, 1.4) | 0.920902037 |
| 7 | KIAA0828 | rs4731569 | G/A | Homocysteine | referent | 1.04 (0.76, 1.43) | 0.788877475 |
| 7 | KIAA0828 | rs11760275 | A/C | Homocysteine | referent | 1.26 (0.9, 1.75) | 0.184861681 |
| 7 | KIAA0828 | rs11979476 | C/A | Homocysteine | referent | 0.84 (0.57, 1.26) | 0.405688597 |
| 7 | KIAA0828 | rs7794622 | G/A | Homocysteine | referent | 0.96 (0.67, 1.39) | 0.839537922 |
| 7 | KIAA0828 | rs1559486 | A/G | Homocysteine | referent | 1.03 (0.71, 1.5) | 0.880501927 |
| 7 | KIAA0828 | rs2303303 | A/G | Homocysteine | referent | 1.09 (0.73, 1.62) | 0.684847588 |
| 7 | KIAA0828 | rs10954230 | G/A | Homocysteine | referent | 1.28 (0.92, 1.79) | 0.156055354 |
| 7 | KIAA0828 | rs7787531 | G/A | Homocysteine | referent | 1.2 (0.6, 2.37) | 0.604326301 |
| 7 | KIAA0828 | rs10954231 | A/G | Homocysteine | referent | 0.97 (0.71, 1.31) | 0.825270453 |
| 7 | KIAA0828 | rs17552411 | G/A | Homocysteine | referent | 0.85 (0.57, 1.27) | 0.424697468 |
| 7 | KIAA0828 | rs10224011 | A/G | Homocysteine | referent | 0.87 (0.38, 1.95) | 0.726939854 |
| 7 | KIAA0828 | rs17552570 | G/A | Homocysteine | referent | 0.88 (0.59, 1.32) | 0.526264105 |
| 7 | KIAA0828 | rs6467244 | A/G | Homocysteine | referent | 0.95 (0.52, 1.73) | 0.860374314 |
| 7 | KIAA0828 | rs6958637 | G/A | Homocysteine | referent | 0.9 (0.6, 1.35) | 0.604070618 |
| 7 | KIAA0828 | rs822040 | G/C | Homocysteine | referent | 0.96 (0.66, 1.4) | 0.851595659 |
| 7 | KIAA0828 | rs4728164 | G/A | Homocysteine | referent | 1.15 (0.82, 1.62) | 0.415657619 |
| 7 | KIAA0828 | rs1665105 | A/G | Homocysteine | referent | 0.81 (0.58, 1.15) | 0.230596223 |
| 7 | KIAA0828 | rs6971551 | G/A | Homocysteine | referent | 1.05 (0.69, 1.61) | 0.80881859 |
| 7 | KIAA0828 | rs691807 | G/C | Homocysteine | referent | 1.06 (0.72, 1.57) | 0.763821495 |
| 7 | KIAA0828 | rs587499 | A/C | Homocysteine | referent | 1.03 (0.74, 1.43) | 0.857152568 |
| 7 | NOS3 | rs10265237 | A/G | Transsulfuration | referent | 0.8 (0.55, 1.15) | 0.22420685 |
| 7 | NOS3 | rs2373961 | A/G | Transsulfuration | referent | 1 (0.71, 1.42) | 0.984862113 |
| 7 | NOS3 | rs10247107 | A/G | Transsulfuration | referent | 0.92 (0.64, 1.33) | 0.653480663 |
| 7 | NOS3 | rs10277237 | A/G | Transsulfuration | referent | 0.65 (0.45, 0.94) | 0.019692391 |
| 7 | NOS3 | rs12703107 | A/C | Transsulfuration | referent | 0.77 (0.54, 1.11) | 0.155931996 |
| 7 | NOS3 | rs1808593 | C/A | Transsulfuration | referent | 0.8 (0.52, 1.24) | 0.32174989 |
| 7 | NOS3 | rs2373929 | A/G | Transsulfuration | referent | 0.62 (0.43, 0.89) | 0.007798817 |
| 8 | GSR | rs3594 | A/C | Transsulfuration | referent | 0.86 (0.6, 1.24) | 0.422915266 |
| 8 | GSR | rs2253409 | G/C | Transsulfuration | referent | 1.17 (0.78, 1.76) | 0.435572043 |
| 8 | GSR | rs8190996 | A/G | Transsulfuration | referent | 0.83 (0.6, 1.17) | 0.288035717 |
| 8 | GSR | rs3779647 | G/A | Transsulfuration | referent | 1.01 (0.73, 1.39) | 0.947113112 |
| 8 | GSR | rs2978663 | G/A | Transsulfuration | referent | 1.2 (0.87, 1.65) | 0.270095879 |
| 8 | GSR | rs2978662 | G/A | Transsulfuration | referent | 0.96 (0.65, 1.42) | 0.851805359 |
| 8 | GSR | rs2978296 | G/C | Transsulfuration | referent | 1.19 (0.78, 1.83) | 0.422850276 |
| 8 | GSR | rs2911670 | A/G | Transsulfuration | referent | 0.44 (0.24, 0.81) | 0.008496003 |
| 8 | GSR | rs2978295 | C/G | Transsulfuration | referent | 0.92 (0.62, 1.37) | 0.672009958 |
| 8 | GSR | rs7818511 | A/G | Transsulfuration | referent | 0.31 (0.18, 0.53) | 9.94E-06 |
| 8 | GSR | rs11986256 | G/A | Transsulfuration | referent | 1.02 (0.65, 1.59) | 0.926801746 |