## ADAM33

| SNPs | minor allele | OR genotyping | OR imputation HM2 (HM3) | CI_L 95% genotyping | CI_L 95% imputation HM2 (HM3) | CI_U 95% genotyping | CI_U 95% imputation HM2 (HM3) | p-value genotyping | p-value imputation HM2 (HM3) | R2 |
|---|---|---|---|---|---|---|---|---|---|---|
| rs6084432 | A | 1.177 | 1.177 (1.177) | 0.905 | 0.965 (0.9648) | 1.436 | 1.436 (1.436) | 0.108 | 0.108 (0.1082) | 1 |
| rs12624874 | A | | 1.093 (1.026) | | 0.871 (0.8133) | | 1.372 (1.295) | | 0.241 (0.6217) | |
| rs633330 | T | | 2.12 | | 0.65 | | 6.92 | | 0.42 | |
| rs630909 | A | | 1.11 | | 0.91 | | 1.35 | | 0.33 | |
| rs512625 | A | 1.037 | 1.046 (1.037) | 0.886 | 0.891 (0.8856) | 1.215 | 1.229 (1.215) | 0.649 | 0.584 (0.6492) | 0.95 |
| rs2787093 | C | | 0.98 | | 0.78 | | 1.23 | | 0.86 | |
| **rs3746631** | C | **1.040** | **1.034 (1.011)** | **0.669** | **0.619 (0.5807)** | **1.616** | **1.730 (1.761)** | **0.862** | **0.898 (0.9683)** | **0.31** |
| rs2787094 | C | 1.122 | | 0.937 | | 1.342 | | 0.211 | | |
| rs67044 | G | | 0.9 | | 0.74 | | 1.1 | | 0.31 | |
| **rs3918400** | A | **0.975** | **1.03** | **0.645** | **0.62** | **1.473** | **1.73** | **0.904** | **0.9** | **0.30** |
| rs543749 | T | 1.200 | | 0.964 | | 1.493 | | 0.103 | | |
| rs628977 | - | - | | - | | - | | - | | |
| rs678881 | C | | 0.91 | | 0.76 | | 1.09 | | 0.29 | |
| **rs2280089** | A | **1.161** | **1.160 (1.18)** | **0.928** | **0.934 (0.9475)** | **1.452** | **1.441 (1.469)** | **0.191** | **0.180 (0.1395)** | **0.86** |
| **rs2280090** | A | **1.105** | | **0.894** | | **1.366** | | **0.357** | | |
| **rs2280091** | A | | **1.093 (1.126)** | | **0.886 (0.9067)** | | **1.350 (1.399)** | | **0.407 (0.2823)** | |
| rs574174 | T | 1.149 | | 0.957 | | 1.379 | | 0.138 | | |
| rs44707 | G | 0.895 | | 0.763 | | 1.050 | | 0.173 | | |
| rs598418 | A | | 0.924 (0.99) | | 0.787 (0.8469) | | 1.084 (1.158) | | 0.330 (0.9007) | |
| rs2853209 | A | 1.042 | | 0.887 | | 1.224 | | 0.619 | | |
| **rs528557 ** | G | **1.504** | | **1.247** | | **1.813** | | **0.000019** | | |
| **rs3918396** | T | **1.291** | | **0.996** | | **1.672** | | **0.054** | | |
| rs612709 | A | 1.177 | | 0.948 | | 1.461 | | 0.139 | | |
| **rs3918395** | A | **1.123** | **1.059 (1.118)** | **0.894** | **0.856 (0.8969)** | **1.411** | **1.310 (1.394)** | **0.320** | **0.600 (0.3211)** | **0.67** |
| **rs2280092** | - | **-** | | **-** | | **-** | | **-** | | |
| **rs511898** | T | **1.127** | **(1.103)** | **0.961** | **(0.9399)** | **1.323** | **(1.294)** | **0.142** | **(0.23)** | |
| rs2787095 | C | | 1.07 | | 0.91 | | 1.26 | | 0.4 | |
| rs621394 | A | | 1.22 | | 0.65 | | 6.92 | | 0.21 | |
| rs2853210 | T | | 0.939 (0.9078) | | 0.773 (0.7463) | | 1.140 (1.104) | | 0.523 (0.3336) | |
| rs4987246 | G | | 1.68 | | 0.74 | | 3.83 | | 0.22 | |
| rs487377 | A | 1.054 | 1.071 (1.054) | 0.879 | 0.894 (0.8794) | 1.264 | 1.284 (1.264) | 0.569 | 0.465 (0.5679) | 0.98 |
| rs570269 | C | | 0.99 | | 0.81 | | 1.22 | | 0.94 | |
| rs7354032 | T | | 0.774 (1.029) | | 0.637 (0.8771) | | 1.184 (1.208) | | 0.238 (0.7237) | |
| rs554743 | G | 1.038 | 1.03 | 0.881 | 0.88 | 1.222 | 1.21 | 0.658 | 0.71 | 0.98 |
| rs2853215 | A | 1.085 | 1.085 (1.082) | 0.917 | 0.917 (0.9141) | 1.284 | 1.284 (1.28) | 0.340 | 0.339 (0.3607) | 1 |
| rs8124504 | T | | 1.01 | | 0.84 | | 1.6 | | 0.96 | |
| rs532448 | T | | 1 | | 0.8 | | 1.26 | | 0.97 | |
| rs8124665 | G | | 1.3 | | 0.68 | | 2.5 | | 0.43 | |

## CCL5

| SNPs | minor allele | OR genotyping | OR imputation HM2 (HM3) | CI_L 95% genotyping | CI_L 95% imputation HM2 (HM3) | CI_U 95% genotyping | CI_U 95% imputation HM2 (HM3) | p-value genotyping | p-value imputation HM2 (HM3) | R2 |
|---|---|---|---|---|---|---|---|---|---|---|
| rs16969327 | G | | 0.649 (0.8788) | | 0.380 (0.6258) | | 1.106 (1.234) | | 0.112 (0.4554) | |
| **rs2280783** | C | **1.217** | **0.75** | **0.775** | **0.2** | **1.912** | **2.8** | **0.393** | **0.67** | **0.12** |
| rs1800825 | G | | 1.12 | | 0.34 | | 3.7 | | 0.85 | |
| **rs2107538** | T | **1.190** | **1.088 (1.095)** | **0.978** | **0.889 (0.9086)** | **1.448** | **1.331 (1.32)** | **0.082** | **0.412 (0.3395)** | **0.78** |
| rs4239253 | C | | 1.22 | | 0.53 | | 2.8 | | 0.64 | |
| rs4796123 | C | | 1.204 (1.175) | | 0.970 (0.954) | | 1.495 (1.448) | | 0.093 (0.1291) | |

## CD14

| SNPs | minor allele | OR genotyping | OR imputation HM2 (HM3) | CI_L 95% genotyping | CI_L 95% imputation HM2 (HM3) | CI_U 95% genotyping | CI_U 95% imputation HM2 (HM3) | p-value genotyping | p-value imputation HM2 (HM3) | R2 |
|---|---|---|---|---|---|---|---|---|---|---|
| rs778588 | C | | 0.970 (0.9388) | | 0.826 (0.7982) | | 1.139 (1.104) | | 0.711 (0.446) | |
| rs11574651 | A | | 0.47 | | 0.12 | | 1.87 | | 0.28 | |
| **rs4914** | G | | **0.92** | | **0.75** | | **1.16** | | **0.43** | |
| rs2569190 | A | 1.011 | 0.99 | 0.865 | 0.85 | 1.182 | 1.16 | 0.890 | 0.92 | 0.83 |
| rs5744468 | T | | 2.96 (0.6662) | | 0.566 (0.2104) | | 8.527 (2.109) | | 0.29 (0.4896) | |
| rs5744442 | - | | 0.4 | | 0.09 | | 1.9 | | 0.4 | |
| rs5744441 | A | | 1.031 (1.06) | | 0.864 (0.8885) | | 1.231 (1.264) | | 0.734 (0.5183) | |

## DPP10

| SNPs | minor allele | OR genotyping | OR imputation HM2 (HM3) | CI_L 95% genotyping | CI_L 95% imputation HM2 (HM3) | CI_U 95% genotyping | CI_U 95% imputation HM2 (HM3) | p-value genotyping | p-value imputation HM2 (HM3) | R2 |
|---|---|---|---|---|---|---|---|---|---|---|
| **rs1036022 (rs13392783 / r²=0.88)** | C | **0.939** | **0.94** | **0.808** | **0.81** | **1.092** | **1.1** | **0.416** | **0.45** | **1.1** |
| rs10208402 | C | | 0.944 (0.9554) | | 0.814 (0.8242) | | 1.095 (1.107) | | 0.445 (0.5443) | |
| rs1367178 | G | | 1.005 (0.9918) | | 0.654 (0.669) | | 1.542 (1.414) | | 0.984 (0.9675) | |
| rs17048357 | T | | 1.1 | | 0.77 | | 1.57 | | 0.59 | |
| rs17048359 | C | | 0.976 (1.008) | | 0.813 (0.8303) | | 1.157 (1.189) | | 0.778 (0.9244) | |
| rs10192393 | A | 1.053 | 1.057 (1.053) | 0.906 | 0.909 (0.9059) | 1.224 | 1.229 (1.224) | 0.500 | 0.475 (0.5003) | 1 |
| rs12473953 | C | | 1.006 (0.9894) | | 0.857 (0.8428) | | 1.180 (1.161) | | 0.948 (0.8963) | |
| rs1430091 | A | | 1.04 | | 0.86 | | 1.28 | | 0.67 | |
| rs4649333 | C | | 0.937 (0.8835) | | 0.776 (0.7329) | | 1.131 (1.065) | | 0.499 (0.1937) | |
| rs1430090 | G | 1.049 | 1.040 (1.032) | 0.891 | 0.884 (0.8776) | 1.236 | 1.224 (1.214) | 0.565 | 0.638 (0.7014) | 1 |
| rs6737251 | T | 0.975 | 0.975 (0.9753) | 0.833 | 0.833 (0.833) | 1.142 | 1.142 (1.142) | 0.756 | 0.756 (0.7557) | 1 |
| rs17048372 | T | | 1.02 | | 0.84 | | 1.23 | | 0.88 | |
| rs6709636 | A | | 1.41 | | 0.4 | | 5.01 | | 0.6 | |
| rs1685217 | T | 1.006 | 1.006 (1.006) | 0.833 | 0.833 (0.8327) | 1.216 | 1.216 (1.216) | 0.947 | 0.947 (0.9469) | 1 |
| rs1430089 | G | | 1.006 (0.9758) | | 0.802 (0.7611) | | 1.261 (1.218) | | 0.962 (0.8284) | |
| rs17764091 | G | | 1.006 (0.9758) | | 0.802 (0.7611) | | 1.261 (1.218) | | 0.962 (0.8284) | |
| rs17764121 * | T | | 5.21 | | 1.15 | | 23.61 | | 0.03 | |
| rs17048408 | G | | 0.73 | | 0.37 | | 1.46 | | 0.38 | |
| **rs7559909 (rs13011555 / r²=0.9)** | A | **0.946** | **0.944 (0.9443)** | **0.811** | **0.809 (0.8092)** | **1.104** | **1.102 (1.102)** | **0.483** | **0.467 (0.4667)** | **1** |
| rs1430086 | A | | 0.65 | | 0.4 | | 1.06 | | 0.08 | |
| rs17048451 | C | | 0.94 | | 0.82 | | 1.54 | | 0.26 | |
| rs10496465 | G | 0.929 | 0.935 (0.9307) | 0.755 | 0.757 (0.7565) | 1.143 | 1.145 (1.145) | 0.486 | 0.497 (0.4968) | 1 |
| rs4849338 | C | | 1 | | 0.83 | | 1.54 | | 0.96 | |
| rs13397905 | C | | 0.56 | | 0.13 | | 2.35 | | 0.43 | |
| rs1820924 | T | | 1.032 (0.9804) | | 0.849 (0.8099) | | 1.255 (1.187) | | 0.749 (0.8393) | |
| rs6750402 | C | 1.006 | 1.012 (1.008) | 0.847 | 0.852 (0.8486) | 1.195 | 1.202 (1.197) | 0.946 | 0.892 (0.9285) | 1 |
| rs10187644 | T | | 1.022 (0.9084) | | 0.792 (0.7813) | | 1.070 (1.056) | | 0.278 (0.2117) | |
| rs1346762 | G | 1.110 | 1.112 (1.112) | 0.947 | 0.950 (0.9496) | 1.303 | 1.303 (1.303) | 0.197 | 0.188 (0.1877) | 1 |
| rs1346763 | C | | 1.096 (1.056) | | 0.949 (0.909) | | 1.278 (1.231) | | 0.241 (0.4862) | |
| rs1430101 | G | 1.043 | 1.028 (1.03) | 0.866 | 0.853 (0.8559) | 1.256 | 1.239 (1.24) | 0.661 | 0.772 (0.7535) | 0.97 |
| rs17048470 | A | | 0.84 | | 0.4 | | 1.23 | | 0.2 | |
| rs2420165 | T | | 0.993 (0.8931) | | 0.743 (0.6958) | | 1.325 (1.146) | | 0.960 (0.3744) | |
| rs11674031 | G | | 0.857 (0.8823) | | 0.709 (0.7259) | | 1.036 (1.072) | | 0.110 (0.2064) | |
| rs1430103 | G | | 0.944 (1.034) | | 0.859 (0.8594) | | 1.264 (1.245) | | 0.675 (0.7215) | |
| rs6746254 | T | | 1.089 (1.073) | | 0.897 (0.8616) | | 1.374 (1.335) | | 0.471 (0.5304) | |
| rs10048644 | A | | 0.97 | | 0.75 | | 1.27 | | 0.84 | |
| rs11123246 | C | | 0.944 (0.8862) | | 0.740 (0.7287) | | 1.201 (1.078) | | 0.638 (0.2263) | |
| rs1430108 | C | 1.006 | 1.009 (1.003) | 0.865 | 0.867 (0.8621) | 1.170 | 1.173 (1.166) | 0.940 | 0.912 (0.9733) | 1 |
| rs6542214 | C | 0.983 | 0.985 (0.9856) | 0.844 | 0.845 (0.8459) | 1.146 | 1.148 (1.148) | 0.628 | 0.642 (0.8521) | 0.97 |
| rs12967334 | C | | 0.865 (0.9043) | | 0.522 (0.6871) | | 1.147 (1.19) | | 0.314 (0.4731) | |
| rs1835328 | T | | 0.99 | | 0.83 | | 1.18 | | 0.93 | |
| rs7590021 | C | | 0.972 (1.033) | | 0.790 (0.8503) | | 1.196 (1.255) | | 0.786 (0.7436) | |
| rs6741327 | A | | 1.08 | | 0.88 | | 1.31 | | 0.47 | |
| rs10514812 | A | 1.219 | 1.214 (1.221) | 0.947 | 0.942 (0.9488) | 1.569 | 1.564 (1.572) | 0.124 | 0.134 (0.1271) | 1 |
| rs10496466 | A | 1.007 | 1.002 (1.005) | 0.829 | 0.822 (0.8359) | 1.224 | 1.221 (1.233) | 0.941 | 0.985 (0.979) | 0.97 |
| rs6729737 | G | 1.031 | 1.035 (1.031) | 0.880 | 0.883 (0.8901) | 1.209 | 1.213 (1.208) | 0.795 | 0.772 (0.7034) | 1 |
| rs996135 | A | 1.090 | 1.094 (1.093) | 0.917 | 0.950 (1.361) | 1.295 | 1.299 (1.299) | 0.328 | 0.307 (0.391) | 1 |
| rs12999482 | A | | 0.855 (0.8485) | | 0.667 (0.6613) | | 1.098 (1.089) | | 0.220 (0.1965) | |
| rs1965088 | G | 1.002 | 1.000 (1.005) | 0.827 | 0.825 (0.8291) | 1.213 | 1.211 (1.218) | 0.987 | 0.998 (0.9617) | 1 |
| rs17715313 | A | | 0.98 | | 0.84 | | 1.15 | | 0.93 | |
| rs7582739 | C | 1.217 | 1.167 (1.169) | 0.939 | 0.904 (0.905) | 1.576 | 1.506 (1.509) | 0.138 | 0.235 (0.232) | 1.49 |
| rs1347502 | C | | 0.974 (0.9522) | | 0.808 (0.7985) | | 1.174 (1.136) | | 0.781 (0.5858) | |
| rs17928640 | A | | 1.043 (1.063) | | 0.815 (0.7757) | | 1.360 (1.262) | | 0.694 (0.9818) | |
| rs785033 | C | | 1.02 | | 0.87 | | 1.2 | | 0.81 | |
| rs785041 | G | | 1.227 (1.093) | | 0.885 (0.8045) | | 1.702 (1.484) | | 0.220 (0.5708) | |
| rs17715765 | G | | 0.98 | | 0.84 | | 1.53 | | 0.94 | |
| rs13029707 | T | | 0.94 | | 0.4 | | 2.17 | | 0.88 | |
| rs17715867 | C | | 1.048 (1.057) | | 0.732 (0.7603) | | 1.502 (1.468) | | 0.797 (0.7406) | |
| rs6542217 | A | 0.982 | 0.985 (0.9781) | 0.832 | 0.835 (0.8299) | 1.159 | 1.163 (1.154) | 0.829 | 0.861 (0.7931) | 1 |
| rs17715987 | T | | 1 | | 0.66 | | 1.51 | | 0.98 | |
| rs12711800 | C | 0.989 | 0.982 (0.9906) | 0.822 | 0.816 (0.8233) | 1.190 | 1.183 (1.192) | 0.906 | 0.890 (0.9203) | 0.99 |
| rs12996109 | T | 0.947 | 0.95 | 0.761 | 0.76 | 1.179 | 1.18 | 0.629 | 0.63 | 1 |
| rs6542218 | T | | 1.069 (0.9652) | | 0.760 (0.6735) | | 1.503 (1.383) | | 0.702 (0.8471) | |
| rs13030268 | A | | 1.23 | | 0.76 | | 2 | | 0.41 | |
| rs7575903 | T | | 0.933 (0.9401) | | 0.737 (0.7357) | | 1.181 (1.201) | | 0.564 (0.6215) | |
| rs13425741 | A | | 1.01 | | 0.83 | | 1.23 | | 0.91 | |
| rs10496470 | A | 0.964 | 0.977 (0.9768) | 0.747 | 0.758 (0.7575) | 1.244 | 1.259 (1.259) | 0.777 | 0.856 (0.8562) | 1 |
| rs930897 | C | 0.984 | 0.989 (0.9748) | 0.818 | 0.822 (0.814) | 1.183 | 1.191 (1.173) | 0.862 | 0.910 (0.7865) | 0.98 |
| rs17783638 | C | | 0.980 (0.918) | | 0.714 (0.6568) | | 1.345 (1.283) | | 0.900 (0.6167) | |
| rs11699555 | G | | 0.79 | | 0.41 | | 1.52 | | 0.48 | |
| rs3022574 | A | 0.923 | 0.923 (0.9227) | 0.691 | 0.691 (0.6909) | 1.232 | 1.232 (1.232) | 0.586 | 0.586 (0.5859) | 1 |
| rs1013261 | G | | 0.99 | | 0.77 | | 1.27 | | 0.94 | |
| rs1561070 | A | 1.029 | 0.960 (0.9602) | 0.797 | 0.750 (0.727) | 1.327 | 1.228 (1.242) | 0.829 | 0.744 (0.7085) | 1 |
| rs17783822 | C | | 0.98 | | 0.72 | | 1.34 | | 0.89 | |
| rs10175018 | G | 1.040 | 1.067 (0.9466) | 0.776 | 0.730 (0.7804) | 1.140 | 1.151 (1.148) | 0.533 | 0.526 (0.5777) | 0.97 |
| rs718062 | T | 1.070 | 1.079 (1.079) | 0.912 | 0.921 (0.9205) | 1.256 | 1.266 (1.266) | 0.407 | 0.347 (0.347) | 1 |
| rs17043340 | G | | 0.99 | | 0.67 | | 1.44 | | 0.94 | |
| rs7589409 | C | 1.070 | 1.070 (1.074) | 0.921 | 0.921 (0.9237) | 1.244 | 1.244 (1.249) | 0.376 | 0.376 (0.3532) | 1 |
| rs13430153 | C | 1.024 | 1.024 (1.024) | 0.803 | 0.803 (0.8028) | 1.307 | 1.307 (1.307) | 0.847 | 0.847 (0.8466) | 1 |
| rs17043361 | A | 0.931 | 0.931 (0.9305) | 0.675 | 0.675 (0.6747) | 1.283 | 1.283 (1.283) | 0.660 | 0.660 (0.6604) | 1 |
| rs930314 | C | 1.235 | 1.295 (1.278) | 0.821 | 0.860 (0.864) | 1.858 | 1.933 (1.918) | 0.311 | 0.206 (0.236) | 1 |
| rs10190696 | G | 1.115 | 1.115 (1.12) | 0.959 | 0.959 (0.9568) | 1.298 | 1.297 (1.293) | 0.158 | 0.158 (0.1699) | 1 |
| rs469486 | T | | 1.29 | | 0.82 | | 2.03 | | 0.28 | |
| rs7594265 | G | | 1.12 | | 0.96 | | 1.3 | | 0.16 | |
| rs1435878 | T | 1.085 | 1.081 (1.084) | 0.928 | 0.925 (0.9258) | 1.267 | 1.263 (1.267) | 0.307 | 0.327 (0.3079) | 1 |
| rs7794852 | C | | 0.849 (0.8523) | | 0.640 (0.7459) | | 1.195 (1.374) | | 0.400 (0.9369) | |
| rs13030450 | G | 0.815 | 0.815 (0.8145) | 0.580 | 0.580 (0.581) | 1.144 | 1.144 (1.144) | 0.236 | 0.236 (0.2361) | 1 |
| rs17728568 | G | 1.002 | 0.984 (1.001) | 0.689 | 0.676 (0.6901) | 1.457 | 1.433 (1.451) | 0.993 | 0.934 (0.9976) | 0.99 |
| rs7606549 | A | 1.131 | 1.131 (1.131) | 0.973 | 0.973 (0.9725) | 1.315 | 1.315 (1.315) | 0.109 | 0.110 (0.1102) | 1 |
| rs17043456 | G | | 1.165 (1.153) | | 0.897 (0.8869) | | 1.514 (1.495) | | 0.252 (0.2837) | |
| rs1435879 | G | 0.923 | 0.941 (0.9409) | 0.734 | 0.749 (0.7489) | 1.162 | 1.182 (1.182) | 0.495 | 0.601 (0.6011) | 1 |
| rs7574829 | G | 1.125 | 1.125 (1.125) | 0.852 | 0.851 (0.8507) | 1.487 | 1.487 (1.487) | 0.407 | 0.409 (0.4092) | 1 |
| rs17711851 | C | 0.985 | 0.984 (1.01) | 0.832 | 0.831 (0.844) | 1.167 | 1.164 (1.193) | 0.864 | 0.847 (0.9099) | 1 |
| rs7607329 | A | 1.111 | 1.19 | 0.952 | 0.94 | 1.3 | | 0.180 | 0.26 | 1 |
| rs2082875 | A | | 1.27 | | 1.05 | 1.297 | 1.27 | | 0.27 | |
| rs17729194 | A | | 0.73 | | 0.33 | | 1.62 | | 0.44 | |
| rs10213528 | G | | 1.066 (1.113) | | 0.742 (0.8052) | | 1.532 (1.495) | | 0.674 (0.4752) | |
| rs4849350 | A | | 0.95 | | 0.74 | | 1.21 | | 0.67 | |
| rs1435868 | T | 1.036 | 1.039 (1.03) | 0.895 | 0.899 (0.8905) | 1.199 | 1.202 (1.192) | 0.638 | 0.601 (0.6901) | 0.97 |
| rs10187047 | G | | 1.2 | | 0.82 | | 1.78 | | 0.35 | |
| rs11890570 | C | | 1.105 (1.198) | | 0.628 (0.7335) | | 1.947 (1.953) | | 0.728 (0.4702) | |
| rs319853 | G | 0.941 | 0.943 (0.9434) | 0.812 | 0.814 (0.8143) | 1.090 | 1.093 (1.093) | 0.415 | 0.438 (0.4378) | 1 |
| rs319854 | C | 0.941 | 0.943 (0.9432) | 0.812 | 0.814 (0.8142) | 1.090 | 1.093 (1.093) | 0.414 | 0.436 (0.4366) | 1 |
| rs17786162 | G | | 1.070 (1.065) | | 0.737 (0.7715) | | 1.554 (1.47) | | 0.730 (0.7032) | |
| rs319858 | C | | 1.045 (1.046) | | 0.902 (0.9033) | | 1.210 (1.211) | | 0.557 (0.5491) | |
| rs360977 | G | 0.937 | 0.937 (0.9359) | 0.807 | 0.810 (0.8108) | 1.082 | 1.085 (1.084) | 0.363 | 0.384 (0.376) | 0.99 |
| rs10496474 | A | 1.080 | 1.092 (1.092) | 0.810 | 0.818 (0.8184) | 1.440 | 1.457 (1.457) | 0.590 | 0.549 (0.5492) | 0.99 |
| rs17043547 | A | | 1.179 (1.192) | | 0.668 (0.8084) | | 2.296 (2.209) | | 0.628 (0.5762) | |
| rs319851 | G | 1.008 | 1.007 (1.007) | 0.869 | 0.868 (0.8684) | 1.169 | 1.168 (1.168) | 0.917 | 0.924 (0.9242) | 1 |
| rs12713205 | T | | 1.22 | | 0.89 | | 1.21 | | 0.26 | |
| rs7582954 | A | 1.048 | 1.045 (1.039) | 0.905 | 0.902 (0.897) | 1.214 | 1.211 (1.203) | 0.531 | 0.557 (0.6111) | 1 |
| rs6726425 | T | 1.049 | 1.045 (1.042) | 0.905 | 0.902 (0.8996) | 1.215 | 1.211 (1.209) | 0.529 | 0.561 (0.5789) | 1 |
| rs15966 | C | 1.020 | 1.026 (1.029) | 0.879 | 0.881 (0.884) | 1.187 | 1.195 (1.199) | 0.802 | 0.740 (0.7095) | 1 |
| rs12473375 | A | | 1.08 | | 0.79 | | 1.47 | | 0.64 | |
| rs10496475 | A | 1.410 | 1.397 (1.395) | 0.923 | 0.913 (0.9125) | 1.411 | 1.396 (1.396) | 0.222 | 0.264 (0.2644) | 0.99 |
| rs2420449 | A | 1.071 | 0.967 (0.97) | 0.831 | 0.802 (0.802) | 1.135 | 1.160 (1.169) | 0.700 | 0.672 (0.6996) | 1 |
| rs908931 | T | | 0.974 (0.982) | | 0.813 (0.813) | | 1.180 (1.139) | | 0.723 (0.8494) | |
| rs519673 | A | 1.056 | 1.062 (1.059) | 0.909 | 0.914 (0.9107) | 1.233 | 1.233 (1.229) | 0.475 | 0.432 (0.4533) | 0.99 |
| rs319674 | T | | 1.038 (1.033) | | 0.872 (0.8708) | | 1.234 (1.226) | | 0.678 (0.7078) | |
| rs1474170 | T | 0.932 | 0.928 (0.9272) | 0.767 | 0.764 (0.7634) | 1.133 | 1.127 (1.126) | 0.481 | 0.447 (0.4461) | 0.97 |
| rs13385730 | A | | 1.88 | | 0.47 | | 7.55 | | 0.37 | |
| rs6732028 | C | | 0.972 (0.9694) | | 0.815 (0.807) | | 1.159 (1.165) | | 0.761 (0.7025) | |
| rs13421246 | G | | 0.93 | | 0.79 | | 1.12 | | 0.72 | |
| rs7597658 | G | | 1.03 | | 0.81 | | 1.12 | | 0.54 | |
| rs2394411 | T | 1.065 | 1.071 (1.069) | 0.875 | 0.89 | 1.295 | 1.29 | 0.846 | 0.968 (0.9718) | 0.96 |
| rs7558870 | G | | 0.997 (0.9756) | | 0.820 (0.8339) | | 1.211 (1.141) | | 0.846 (0.9603) | |
| rs10496476 | T | 1.064 | 1.067 (1.067) | 0.893 | 0.896 (0.8958) | 1.268 | 1.271 (1.271) | 0.496 | 0.467 (0.4673) | 1 |
| rs6755195 | T | 0.841 | 0.840 (0.839) | 0.691 | 0.691 (0.6899) | 1.066 | 1.060 (1.06) | 0.146 | 0.145 (0.1411) | 1 |
| rs13401032 | A | | 1.32 | | 0.77 | | 2.17 | | 0.27 | |
| rs17788273 | G | | 0.96 | | 0.78 | | 1.06 | | 0.23 | |
| rs11516967 | A | | 0.923 (0.9206) | | 0.791 (0.7877) | | 1.077 (1.074) | | 0.330 (0.2914) | 1 |
| rs7604124 | C | | 1.020 (0.9982) | | 0.762 (0.783) | | 1.366 (1.273) | | 0.824 (0.9834) | |
| rs789124 | G | | 0.973 (0.9583) | | 0.946 (0.9632) | | 1.347 (1.149) | | 0.187 (0.1392) | |
| rs11517135 | C | 0.971 | 0.973 (0.9727) | 0.827 | 0.829 (0.833) | 1.147 | 1.149 (1.149) | 0.731 | 0.714 (0.7147) | 1 |
| rs17732131 | A | | 0.91 | | 0.78 | | 1.09 | | 0.41 | |
| rs1684641 | A | 0.906 | 0.911 (0.9081) | 0.776 | 0.780 (0.7835) | 1.056 | 1.060 (1.06) | 0.150 | 0.150 (0.7362) | 1 |
| rs13005523 | A | | 0.961 (0.9681) | | 0.776 (0.78) | | 1.191 (1.201) | | 0.720 (0.7897) | |
| rs17043702 | C | | 1.15 | | 0.69 | | 1.95 | | 0.58 | |
| rs12471890 | G | | 0.92 | | 0.77 | | 1.11 | | 0.39 | |
| rs7607352 | T | | 0.970 (1.042) | | 0.757 (0.8207) | | 1.245 (1.322) | | 0.819 (0.7549) | |
| rs6984429 | G | | 1.031 (1.043) | | 0.867 (0.8754) | | 1.227 (1.243) | | 0.743 (0.6561) | |
| rs1789319 | T | | 0.93 | | 0.77 | | 1.13 | | 0.44 | |
| rs1789123 | A | | 1.04 | | 0.87 | | 1.25 | | 0.65 | |
| rs17452256 | C | 1.153 | 1.13 | 0.966 | 0.95 | 1.375 | 1.38 | 0.115 | 0.161 (0.1605) | 1 |
| rs13032069 | C | | 1.038 (1.065) | | 0.801 (0.8407) | | 1.345 (1.348) | | 0.780 (0.6556) | |
| rs17452256 | G | | 1.21 | | 0.68 | | 1.82 | | 0.35 | |
| rs769780 | T | | 0.92 | | 0.77 | | 1.05 | | 0.18 | |
| rs7369383 | T | 0.933 | 0.933 (0.9342) | 0.762 | 0.76 | 1.142 | 1.142 (1.143) | 0.501 | 0.5 | 0.98 |
| rs17451477 | C | | 1.149 (1.219) | | 0.947 (1.033) | | 1.395 (1.439) | | 0.227 (0.09901) | |
| rs11123261 | G | | 0.94 | | 0.79 | | 1.11 | | 0.45 | |
| rs11514974 | T | | 0.99 | | 0.56 | | 1.19 | | 0.56 | |
| rs16864811 | A | 1.143 | 1.14 | 0.963 | 0.95 | 1.357 | 1.36 | 0.127 | 0.12 | 1 |
| rs1401757 | A | | 1.05 | | 0.89 | | 1.23 | | 0.57 | |
| rs880316 | C | 0.873 | 0.873 (0.873) | 0.745 | 0.745 (0.7453) | 1.023 | 1.023 (1.023) | 0.092 | 0.092 (0.0923) | 1 |
| rs980317 | T | 0.868 | 0.866 (0.8669) | 0.745 | 0.745 (0.7437) | 1.011 | 1.009 (1.009) | 0.071 | 0.069 (0.0697) | 1 |
| rs6755245 | T | | 0.957 (0.8947) | | 0.749 (0.6967) | | 1.223 (1.149) | | 0.730 (0.3784) | |
| rs17043846 | C | 0.937 | 0.943 (0.943) | 0.791 | 0.794 (0.7942) | 1.110 | 1.118 (1.118) | 0.454 | 0.496 (0.4961) | 1 |
| rs2089674 | A | | 0.86 | | 0.7 | | 1.22 | | 0.54 | |
| rs17050799 | A | 1.012 | 1.097 (0.9813) | 0.777 | 0.758 (0.7376) | 1.417 | 1.349 (1.305) | 0.926 | 0.527 (0.9048) | 0.98 |
| rs2090079 | A | 1.075 | 1.168 (1.056) | 0.837 | 0.825 (0.8172) | 1.452 | 1.452 (1.363) | 0.828 | 0.387 (0.7417) | 0.98 |
| rs1396932 | G | 1.055 | 1.050 (1.051) | 0.804 | 0.804 (0.801) | 1.360 | 1.359 (1.36) | 0.735 | 0.690 (0.7076) | 0.99 |
| rs1396933 | A | | 0.96 | | 0.81 | | 1.18 | | 0.69 | |
| rs949357 | T | 0.899 | 0.972 (0.9434) | 0.749 | 0.781 (0.7562) | 1.179 | 1.209 (1.177) | 0.248 | 0.796 (0.6061) | 1 |
| rs7603116 | G | | 0.972 (0.9618) | | 0.803 (0.7936) | | 1.176 (1.165) | | 0.769 (0.6829) | |
| rs13389646 | A | 0.945 | 0.945 (0.9468) | 0.775 | 0.776 (0.7769) | 1.149 | 1.150 (1.15) | 0.571 | 0.573 (0.5845) | 1 |
| rs17355279 | G | | 0.95 | | 0.81 | | 1.12 | | 0.54 | |
| rs17452458 | G | | 1.12 | | 0.83 | | 1.31 | | 0.322 (0.2496) | |
| rs2089677 | A | | 1.08 | | 0.71 | | 1.05 | | 0.35 | |
| rs1900007 | T | 0.970 | 0.973 (0.9718) | 0.814 | 0.818 (0.8151) | 1.156 | 1.160 (1.159) | 0.733 | 0.760 (0.75) | 0.98 |
| rs6758443 | A | | 0.960 (0.9433) | | 0.662 (0.6335) | | 1.391 (1.404) | | 0.824 (0.7434) | |
| rs13411309 | T | | 0.947 (1.013) | | 0.720 (0.7911) | | 1.244 (1.296) | | 0.695 (0.9166) | |
| rs1396921 | T | | 1.07 | | 0.89 | | 1.35 | | 0.11 | |
| rs6720401 | T | 0.944 | 0.944 (0.8556) | 0.764 | 0.760 (0.6539) | 1.167 | 1.303 (1.097) | 0.647 | 0.647 (0.2281) | |
| rs12896378 | A | | 0.7 | | 0.5 | | 0.893 (0.8772) | | 0.283 (0.4565) | |
| rs12618420 | G | | 1.19 | | 0.86 | | 1.64 | | 0.34 | |
| rs12998470 | G | 0.702 | 0.715 (0.7112) | 0.511 | 0.518 (0.5183) | 0.965 | 0.976 (0.9759) | 0.029 | 0.035 (0.3433) | 1 |
| rs12328529 | A | 1.033 | 1.037 (1.038) | 0.795 | 0.889 (0.889) | 1.205 | 1.201 (1.327) | 0.684 | 0.703 (0.7372) | 0.9 |
| rs4239025 | G | | 1.34 | | 0.79 | | 2.1 | | 0.54 | |
| rs13415710 | G | | 1.05 | | 0.9 | | 1.23 | | 0.48 | |
| rs12936930 | A | | 0.92 | | 0.78 | | 1.07 | | 0.58 | |
| rs6709267 | A | 1.038 | 1.052 (1.051) | 0.887 | 0.900 (0.9) | 1.206 | 1.206 (1.206) | 0.632 | 0.520 (0.6548) | 1 |
| rs17452616 | G | | 0.987 (0.9888) | | 0.845 (0.8486) | | 1.144 (1.144) | | 0.854 (0.8688) | |
| rs17592007 | A | 0.908 | 0.910 (0.9087) | 0.768 | 0.772 (0.7773) | 1.085 | 1.085 (1.085) | 0.343 | 0.343 (0.3435) | 1 |
| rs17936919 | A | | 0.99 | | 0.72 | | 1.36 | | 0.94 | |
| rs6086474 | G | | 0.943 (1.073) | | 0.814 (0.8902) | | 1.093 (1.293) | | 0.423 (0.4625) | |
| rs4848377 | A | 1.134 | 1.11 | 0.966 | 0.966 (0.8772) | 1.331 | 1.331 (1.362) | 0.125 | 0.125 (0.112) | 0.99 |
| rs2420574 | C | | 1.12 | | 0.95 | | 1.32 | | 0.18 | |
| rs11123277 | T | | 1.1 | | 0.9 | | 1.23 | | 0.31 | |
| rs12994269 | G | | 1.099 (1.198) | | 0.860 (0.9635) | | 1.383 (1.489) | | 0.424 (0.1041) | |
| rs10167935 | A | 0.940 | 1.059 (1.059) | 0.753 | 0.911 (0.9105) | 1.175 | 1.232 (1.232) | 0.588 | 0.456 (0.4561) | |

| DPP10 | SNPs | minor allele | OR genotyping | OR imputation HM2 (HM3) | CI_L 95% genotyping | CI_L 95% imputation HM2 (HM3) | CI_U 95% genotyping | CI_U 95% imputation HM2 (HM3) | p-value genotyping | p-value imputation HM2 (HM3) | R2 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | rs13035561 | T | | 1.079 (1.046) | | 0.925 (0.9015) | | 1.258 (1.215) | | 0.333 (0.5508) | |
| | rs7587705 | A | | 1.07 | | 0.91 | | 1.26 | | 0.41 | |
| | rs10201854 | T | | 0.93 | | 0.68 | | 1.28 | | 0.29 | |
| | rs12995783 | | | 1.26 | | 0.91 | | 1.73 | | 0.16 | |
| | rs4277531 | T | 1.059 / 1.059 (1.069) | | 0.910 / 0.911 (0.9105) | | 1.232 / 1.232 (1.232) | | 0.459 / 0.456 (0.4561) | | 1 |
| | rs10496487 | T | 1.111 / 1.111 (1.111) | | 0.943 / 0.943 (0.9431) | | 1.309 / 1.309 (1.309) | | 0.208 / 0.208 (0.2076) | | 1 |
| | rs10496486 | G | | 0.84 | | 0.66 | | 1.05 | | 0.13 | |
| | rs6459743 | C | 1.052 / 1.049 (1.046) | | 0.906 / 0.904 (0.9015) | | 1.222 / 1.218 (1.215) | | 0.507 / 0.527 (0.5508) | | 1 |
| | rs7579207 | A | 1.078 / 1.074 (1.074) | | 0.914 / 0.911 (0.9107) | | 1.271 / 1.266 (1.266) | | 0.372 / 0.397 (0.3968) | | 1 |
| | rs10496485 | T | | 0.94 | | 0.78 | | 1.14 | | 0.54 | |
| | rs7424115 | C | 0.974 / 0.97 | | 0.728 / 0.73 | | 1.302 / 1.3 | | 0.858 / 0.86 | | 1 |
| | rs9677654 | C | | 0.791 (0.8382) | | 0.410 (0.4394) | | 1.523 (1.599) | | 0.482 (0.5923) | |
| | rs983829 | T | 0.956 / 0.94 | | 0.729 / 0.72 | | 1.255 / 1.23 | | 0.747 / 0.65 | | 0.99 |
| | rs958457 | G | 1.036 / 1.042 (0.9381) | | 0.874 / 0.878 (0.7147) | | 1.229 / 1.235 (1.231) | | 0.684 / 0.639 (0.645) | | 1 |
| | rs13416481 | G | | 0.895 (0.8833) | | 0.715 (0.7054) | | 1.121 (1.106) | | 0.335 (0.2794) | |
| | rs2280193 | A | | 0.793 (0.7599) | | 0.557 (0.5361) | | 1.130 (1.077) | | 0.199 (0.123) | |
| | rs12469615 | G | | 1.03 | | 0.81 | | 1.31 | | 0.8 | |
| | rs17687793 | C | | 1.097 (1.127) | | 0.741 (0.7702) | | 1.624 (1.648) | | 0.644 (0.5387) | |
| | rs17044138 | C | | 0.8 | | 0.57 | | 1.13 | | 0.21 | |
| | rs17687884 | C | | 0.96 | | 0.59 | | 1.57 | | 0.88 | |
| | rs2420884 | A | | 1.01 | | 0.76 | | 1.35 | | 0.93 | |
| | rs4131302 | C | 1.027 / 1.020 (1.024) | | 0.877 / 0.872 (0.8746) | | 1.202 / 1.194 (1.198) | | 0.742 / 0.802 (0.772) | | 1 |
| | rs10445863 | C | 1.037 / 1.032 (1.036) | | 0.890 / 0.887 (0.8892) | | 1.207 / 1.202 (1.206) | | 0.645 / 0.682 (0.6525) | | 0.98 |
| | rs10195710 | A | 1.085 / 1.088 (1.085) | | 0.932 / 0.935 (0.932) | | 1.262 / 1.266 (1.262) | | 0.294 / 0.276 (0.2941) | | 1 |
| | rs2176250 | G | 1.040 / 1.045 (1.067) | | 0.861 / 0.865 (0.8818) | | 1.257 / 1.263 (1.29) | | 0.682 / 0.649 (0.5065) | | 1 |
| | rs11693764 | T | | 1.028 (1.019) | | 0.883 (0.8752) | | 1.197 (1.186) | | 0.719 (0.8088) | |
| | rs11675397 | G | | 1.07 | | 0.91 | | 1.25 | | 0.45 | |
| | rs7558702 | A | 1.119 / 1.108 (1.108) | | 0.924 / 0.916 (0.9165) | | 1.356 / 1.340 (1.34) | | 0.250 / 0.292 (0.2923) | | 1 |
| | rs13005061 | G | | 1.08 | | 0.82 | | 1.41 | | 0.58 | |
| | rs7566462 | C | | 0.93 | | 0.78 | | 1.11 | | 0.44 | |
| | rs2067699 | G | | 0.94 | | 0.71 | | 1.26 | | 0.69 | |
| | rs17044170 | G | | 0.903 (0.9275) | | 0.736 (0.7534) | | 1.108 (1.142) | | 0.328 (0.478) | |
| | rs11123287 | A | | 0.96 | | 0.83 | | 1.12 | | 0.6 | |
| | rs7593121 | T | 1.031 / 1.032 (1.032) | | 0.880 / 0.882 (0.8815) | | 1.208 / 1.209 (1.209) | | 0.703 / 0.692 (0.6921) | | 0.99 |
| | rs1896538 | G | | 0.87 | | 0.72 | | 1.07 | | 0.18 | |
| | rs950534 | A | | 1 | | 0.85 | | 1.17 | | 0.98 | |
| | rs9308710 | T | 1.017 / 0.932 (0.9315) | | 0.741 / 0.683 (0.6834) | | 1.396 / 1.270 (1.27) | | 0.917 / 0.653 (0.6532) | | 0.99 |
| | rs11123288 | A | | 0.941 (0.949) | | 0.790 (0.7967) | | 1.121 (1.13) | | 0.497 (0.5572) | |
| | rs10496483 | G | 1.155 / 1.156 (1.136) | | 0.894 / 0.895 (0.8904) | | 1.492 / 1.490 (1.465) | | 0.269 / 0.268 (0.3277) | | 1 |
| | rs17355679 | T | | 1.03 | | 0.88 | | 1.21 | | 0.72 | |
| | rs4610066 | G | | 1.03 | | 0.8 | | 1.31 | | 0.83 | |
| | rs4849387 | G | 1.143 / 1.146 (1.137) | | 0.885 / 0.888 (0.8809) | | 1.478 / 1.479 (1.467) | | 0.306 / 0.295 (0.3244) | | 0.99 |
| | rs10204084 | A | | 0.86 | | 0.32 | | 2.16 | | 0.7 | |
| | rs6542253 | A | | 0.83 | | 0.61 | | 1.15 | | 0.89 | |
| | rs11123289 | G | | 1.02 (0.9699) | | 0.751 (0.7288) | | 1.389 (1.291) | | 0.987 (0.8338) | |
| | rs6542254 | G | 0.931 / 0.928 (0.9277) | | 0.756 / 0.754 (0.7535) | | 1.147 / 1.142 (1.142) | | 0.502 / 0.480 (0.4797) | | 1 |
| | rs10206444 | C | | 1.012 (1.097) | | 0.708 (0.7554) | | 1.446 (1.594) | | 0.947 (0.6261) | |
| | rs13001269 | G | 1.061 / 1.061 (1.061) | | 0.808 / 0.808 (0.8081) | | 1.392 / 1.392 (1.392) | | 0.671 / 0.671 (0.6709) | | 1 |
| | rs4849389 | A | 1.061 / 1.03 | | 0.819 / 0.81 | | 1.348 / 1.31 | | 0.697 / 0.84 | | 1 |
| | rs13009552 | G | | 1.03 | | 0.82 | | 1.29 | | 0.82 | |
| | rs10496482 | G | | 0.956 (0.9637) | | 0.823 (0.8287) | | 1.111 (1.121) | | 0.558 (0.6311) | |
| | rs12991665 | A | 0.959 / 0.979 (0.9789) | | 0.633 / 0.647 (0.6473) | | 1.452 / 1.479 (1.479) | | 0.842 / 0.918 (0.9181) | | 0.99 |
| | rs6759005 | C | | 0.99 | | 0.75 | | 1.31 | | 0.95 | |
| | rs7577833 | G | 0.973 / 0.976 (0.9787) | | 0.837 / 0.839 (0.8422) | | 1.130 / 1.134 (1.137) | | 0.716 / 0.747 (0.7788) | | 1 |
| | rs13386690 | G | | 0.970 (0.9773) | | 0.822 (0.8274) | | 1.145 (1.154) | | 0.738 (0.809) | |
| | rs13003618 | G | | 1.1 | | 0.77 | | 1.58 | | 0.59 | |
| | rs4849390 | T | 1.003 / 1.001 (0.9917) | | 0.834 / 0.832 (0.8249) | | 1.206 / 1.203 (1.192) | | 0.973 / 0.993 (0.9296) | | 1 |
| | rs12619497 | A | 1.001 / 0.979 (0.9785) | | 0.664 / 0.647 (0.6473) | | 1.510 / 1.479 (1.479) | | 0.995 / 0.918 (0.9181) | | 0.99 |
| | rs11690705 | A | 1.080 / 1 | | 0.890 / 0.83 | | 1.310 / 1.2 | | 0.437 / 0.09 | | 0.98 |
| | rs6741354 | C | | 0.31 | | 0.03 | | 3 | | 0.31 | |
| | rs9646900 | C | | 1.18 | | 0.68 | | 2.04 | | 0.56 | |
| | rs6542256 | C | 0.986 / 0.977 (0.9774) | | 0.764 / 0.758 (0.7583) | | 1.271 / 1.260 (1.26) | | 0.911 / 0.860 (0.8598) | | 1 |
| | rs908599 | C | | 0.87 | | 0.68 | | 1.12 | | 0.33 | |
| | rs1356383 | T | | 0.93 | | 0.64 | | 1.36 | | 0.7 | |
| | rs1009 | T | 1.009 / 0.997 (0.9927) | | 0.853 / 0.843 (0.8397) | | 1.193 / 1.178 (1.174) | | 0.921 / 0.967 (0.9318) | | 0.99 |
| | rs10176449 | T | | 1.01 | | 0.86 | | 1.19 | | 0.86 | |
| | rs17044234 | A | | 0.94 | | 0.56 | | 1.58 | | 0.8 | |
| | rs2420819 | T | 0.992 / 0.990 (0.9902) | | 0.843 / 0.841 (0.8413) | | 1.168 / 1.165 (1.165) | | 0.925 / 0.906 (0.9058) | | 1 |
| | rs17823623 * | C | | 1.05 | | 0.82 | | 1.35 | | 0.69 | |
| | rs17044254 | T | | 0.94 | | 0.62 | | 1.42 | | 0.76 | |
| | rs2421100 | C | 0.960 / 0.960 (0.9585) | | 0.814 / 0.814 (0.8143) | | 1.131 / 1.131 (1.131) | | 0.622 / 0.622 (0.6216) | | 1 |
| | rs870925 | A | 0.937 / 0.937 (0.9369) | | 0.806 / 0.806 (0.8067) | | 1.089 / 1.089 (1.089) | | 0.397 / 0.397 (0.3972) | | 1 |
| | rs9308712 | A | 1.016 / 1.016 (1.045) | | 0.833 / 0.833 (0.8328) | | 1.240 / 1.240 (1.24) | | 0.875 / 0.875 (0.8752) | | 1 |
| | rs13022199 | A | | 1.007 (0.9992) | | 0.797 (0.7908) | | 1.271 (1.262) | | 0.967 (0.9944) | |
| | rs2421101 | C | 0.964 / 0.962 (0.9615) | | 0.829 / 0.827 (0.8268) | | 1.122 / 1.118 (1.118) | | 0.638 / 0.610 (0.6097) | | 1 |
| | rs17044296 | A | | 1.18 | | 0.71 | | 1.97 | | 0.52 | |
| | rs1155664 | C | 0.877 / 0.873 (0.8727) | | 0.715 / 0.711 (0.7112) | | 1.076 / 1.071 (1.071) | | 0.210 / 0.192 (0.1919) | | 1 |
| | rs17453235 | C | | 1.130 (1.068) | | 0.909 (0.8464) | | 1.404 (1.322) | | 0.272 (0.6214) | |
| | rs11683441 | T | 0.957 / 0.943 (0.9925) | | 0.857 / 0.849 (0.8488) | | 1.172 / 1.161 (1.161) | | 0.979 / 0.925 (0.9249) | | 1 |
| | rs7561977 | A | | 0.93 | | 0.69 | | 1.27 | | 0.65 | |
| | rs843399 | T | 0.950 / 0.950 (0.95) | | 0.803 / 0.803 (0.8025) | | 1.125 / 1.125 (1.125) | | 0.551 / 0.551 (0.5511) | | 1 |
| | rs2527547 | C | 0.950 / 0.950 (0.95) | | 0.803 / 0.803 (0.8025) | | 1.125 / 1.125 (1.125) | | 0.551 / 0.551 (0.5511) | | 1 |
| | **rs1717054 (rs843385 i r²=1)** | T | **1.066 / 1.066 (1.066)** | | 0.821 / 0.821 (0.8209) | | 1.384 / 1.384 (1.384) | | 0.633 / 0.633 (0.6334) | | 1 |
| | rs2030440 | T | | 0.84 | | 1.14 | | | | 0.79 | |
| | rs1517363 | G | | 0.65 | | 1.19 | | | | 0.58 | |
| | rs843408 | G | | 0.974 (0.9712) | | 0.836 (0.834) | | 1.134 (1.131) | | 0.735 (0.7072) | |
| | rs843447 | T | | 0.47 | | 1.09 | | | | 0.12 | |
| | rs6732466 | T | | 0.98 | | 0.84 | | 1.15 | | 0.79 | |
| | rs1037205 | G | | 0.979 (0.9859) | | 0.835 (0.8407) | | 1.148 (1.156) | | 0.792 (0.9616) | |
| | rs17362720 | A | | 1.094 (1.076) | | 0.848 (0.8275) | | 1.411 (1.4) | | 0.499 (0.583) | |
| | rs13033419 | A | 1.018 / 1.020 (1.019) | | 0.849 / 0.851 (0.8504) | | 1.220 / 1.222 (1.222) | | 0.849 / 0.833 (0.8355) | | 1 |
| | rs11586037 | C | 1.015 / 1.020 (1.02) | | 0.846 / 0.851 (0.8506) | | 1.218 / 1.222 (1.222) | | 0.871 / 0.833 (0.833) | | 1 |
| | rs17362881 | T | | 0.92 | | 0.72 | | 1.18 | | 0.52 | |
| | rs17453808 | T | | 1.05 | | 0.4 | | 2.75 | | 0.92 | |
| | rs13429901 | T | 0.962 / 0.962 (0.9619) | | 0.765 / 0.765 (0.7648) | | 1.210 / 1.210 (1.21) | | 0.740 / 0.740 (0.7396) | | 1 |
| | rs7584395 | A | 0.996 / 0.996 (1.003) | | 0.846 / 0.846 (0.8518) | | 1.172 / 1.172 (1.18) | | 0.960 / 0.960 (0.9758) | | 1 |
| | rs1971190 | C | | 1.029 (1.032) | | 0.860 (0.8636) | | 1.231 (1.234) | | 0.755 (0.7269) | |
| | rs1006342 | G | 0.968 / 0.968 (0.9654) | | 0.770 / 0.770 (0.7648) | | 1.217 / 1.217 (1.209) | | 0.780 / 0.780 (0.7812) | | 1 |
| | rs12471022 | T | | 0.807 (0.7748) | | 0.584 (0.5547) | | 1.116 (1.082) | | 0.269 (0.1714) | |
| | rs17044686 | A | | 0.82 | | 0.55 | | 1.23 | | 0.34 | |
| | **rs1545396 (rs7576583 i r²=1)** | T | **0.972 / 0.986 (0.9864)** | | 0.739 / 0.750 (0.7501) | | 1.280 / 1.297 (1.297) | | 0.841 / 0.922 (0.9217) | | 1 |
| | rs1550985 | T | 1.046 / 1.035 (1.042) | | 0.887 / 0.878 (0.884) | | 1.233 / 1.221 (1.228) | | 0.594 / 0.680 (0.646) | | 0.99 |
| | rs6738130 | C | 1.058 / 1.042 (1.045) | | 0.889 / 0.884 (0.8871) | | 1.259 / 1.229 (1.232) | | 0.524 / 0.622 (0.5968) | | 0.99 |
| | rs921211 | C | 1.019 / 1.019 (1.019) | | 0.876 / 0.876 (0.8752) | | 1.187 / 1.187 (1.187) | | 0.806 / 0.808 (0.8061) | | 1 |
| | rs17044762 | G | 0.826 / 0.835 (0.8354) | | 0.595 / 0.603 (0.6029) | | 1.146 / 1.158 (1.158) | | 0.252 / 0.280 (0.2798) | | 1 |
| | rs1448472 | T | | 1.03 | | 0.87 | | 1.21 | | 0.76 | |
| | rs12997234 * | C | | 0.67 | | 0.47 | | 0.94 | | 0.02 | |
| | rs6542278 | C | | 0.99 | | 0.84 | | 1.15 | | 0.95 | |
| | rs10496499 | C | 0.996 / 0.975 (0.9753) | | 0.794 / 0.783 (0.7827) | | 1.248 / 1.215 (1.215) | | 0.971 / 0.824 (0.8237) | | 1 |
| | rs4516432 | C | 1.037 / 1.037 (1.037) | | 0.865 / 0.865 (0.8654) | | 1.242 / 1.242 (1.242) | | 0.696 / 0.696 (0.6958) | | 1 |
| | rs6542281 | T | | 0.91 | | 0.74 | | 1.13 | | 0.4 | |
| | rs6740354 | G | | 0.973 (0.9734) | | 0.812 (0.816) | | 1.167 (1.167) | | 0.751 (0.6915) | |
| | rs12105131 | G | | 1 | | 0.77 | | 1.29 | | 0.98 | |
| | rs4241136 | G | | 1.01 | | 0.86 | | 1.18 | | 0.91 | |
| | rs4848395 | C | | 0.89 | | 0.73 | | 1.08 | | 0.22 | |
| | rs11676361 | T | | 1.08 | | 0.79 | | 1.48 | | 4.65 | |
| | rs4075701 | A | 0.872 / (0.8961) | | 0.724 / (0.7438) | | 1.050 / (1.08) | | 0.147 / (0.2489) | | |
| | rs4404272 | A | | 1.12 | | 0.34 | | 3.7 | | 0.85 | |
| | rs10864943 | C | 0.934 / 0.935 (0.9353) | | 0.786 / 0.787 (0.7867) | | 1.110 / 1.112 (1.112) | | 0.436 / 0.448 (0.4479) | | 1 |
| | rs7575868 | A | | 0.95 | | 0.76 | | 1.2 | | 0.69 | |
| | rs11123318 | A | | 0.9 | | 0.77 | | 1.07 | | 0.23 | |
| | rs6542289 | A | | 1.03 | | 0.74 | | 1.43 | | 0.86 | |
| | rs1112923 | T | | 0.93 | | 0.75 | | 1.15 | | 0.51 | |
| | rs10173996 | T | 0.899 / 0.879 (0.8788) | | 0.696 / 0.681 (0.6814) | | 1.161 / 1.133 (1.133) | | 0.413 / 0.319 (0.3193) | | 1 |
| | rs10496501 | C | 0.966 / 0.960 (0.9478) | | 0.764 / 0.760 (0.7538) | | 1.221 / 1.223 (1.198) | | 0.771 / 0.785 (0.6542) | | 1 |
| | rs2421283 | C | | 0.97 | | 0.77 | | 1.23 | | 0.82 | |
| | rs13019180 | C | 1.090 / 1.092 (1.092) | | 0.921 / 0.923 (0.9227) | | 1.291 / 1.292 (1.292) | | 0.314 / 0.306 (0.3063) | | 1 |
| | rs12621324 | A | | 0.958 (0.9774) | | 0.826 (0.8425) | | 1.111 (1.134) | | 0.570 (0.7627) | |
| | rs7608947 | A | | 1.007 (1.016) | | 0.865 (0.8727) | | 1.173 (1.183) | | 0.927 (0.8382) | |
| | rs2900282 | T | 1.108 / 1.1 | | 0.949 / 0.94 | | 1.298 / 1.29 | | 0.194 / 0.24 | | 1 |
| | rs2901396 | A | 1.012 / 1.024 (1.027) | | 0.872 / 0.882 (0.847) | | 1.176 / 1.189 (1.192) | | 0.873 / 0.758 (0.7301) | | 1 |
| | rs10496504 | G | 1.122 / 1.130 (1.325) | | 0.948 / 0.954 (0.9458) | | 1.328 / 1.339 (1.325) | | 0.182 / 0.157 (0.1895) | | 0.98 |
| | rs10496505 | A | | 0.92 | | 0.77 | | 1.09 | | 0.31 | |
| | rs2034257 | A | 1.124 / 1.13 | | 0.947 / 0.95 | | 1.333 / 1.34 | | 0.181 / 0.16 | | 1 |
| | rs1374268 | C | | 0.94 | | 0.71 | | 1.21 | | 0.58 | |
| | rs7698838 | A | | 1.09 (1.043) | | 0.935 (0.8983) | | 1.316 (1.211) | | 0.234 (0.5804) | |
| | rs17655300 | T | | 1.089 (1.176) | | 0.768 (0.786) | | 1.544 (1.636) | | 0.731 (0.4301) | |
| | rs7655602 | G | | 1.06 | | 0.94 | | 1.36 | | 0.88 | |
| | rs11682655 | G | | 0.810 (0.859) | | 0.634 (0.6611) | | 1.034 (1.108) | | 0.091 (0.2375) | |
| | rs13033021 | C | | 1.01 (1.09) | | 0.920 (0.9364) | | 1.260 (1.27) | | 0.318 (0.2654) | |
| | rs1446482 | T | 0.988 / 1.01 | | 0.842 / 0.87 | | 1.159 / 1.17 | | 0.881 / 0.94 | | 1 |
| | rs2421343 | A | 0.860 / 0.875 (0.8609) | | 0.671 / 0.683 (0.6747) | | 1.102 / 1.119 (1.101) | | 0.233 / 0.286 (0.2327) | | 1 |
| | rs13034936 * | C | | 1.326 (1.348) | | 1.021 (1.099) | | 1.722 (1.799) | | 0.035 (0.04299) | |
| | rs736335 | C | | 1.08 | | 0.91 | | 1.27 | | 0.39 | |
| | **rs272071** | T | | **1.077 (1.09)** | | **0.909 (0.9192)** | | **1.276 (1.293)** | | **0.394 (0.3214)** | |

| EDN1 | SNPs | minor allele | OR genotyping | OR imputation HM2 (HM3) | CI_L 95% genotyping | CI_L 95% imputation HM2 (HM3) | CI_U 95% genotyping | CI_U 95% imputation HM2 | p-value genotyping | p-value imputation HM2 (HM3) | R2 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **rs9369217** | T | | (0.8512) | | (0.6868) | | (1.055) | | (0.141) | |
| | rs1014505 | C | | 0.9 | | 0.78 | | 1.04 | | 0.17 | |
| | rs13198076 | A | | 1.611 (2.076) | | 0.938 (0.7174) | | 2.767 (6.007) | | 0.084 (0.1876) | |
| | rs9380978 | G | | 0.967 (0.8672) | | 0.785 (0.7009) | | 1.192 (1.073) | | 0.754 (0.1897) | |
| | **rs1800541** | - | | | | | | | | | |
| | **rs5370 (rs1476046 i r²=0.95)** | T | 0.901 / 0.894 (0.8983) | | 0.743 / 0.738 (0.7411) | | 1.092 / 1.084 (1.089) | | 0.288 / 0.254 (0.2744) | | 1 |
| | rs9296343 | C | | 1.326 (0.8983) | | 0.852 (0.7411) | | 2.064 (1.089) | | 0.211 (0.2744) | |
| | rs10478720 | T | | 3.71 | | 4.15 | | | | 0.35 | |
| | **rs5370 (rs1800543 i r²=0.95)** | T | 0.901 / 0.89 | | 0.743 / 0.74 | | 1.092 / 1.08 | | 0.288 / 0.25 | | 1 |
| | **rs5369** | A | | 0.733 (0.7403) | | 0.583 (0.5924) | | 0.921 (0.9252) | | 0.0077 (0.008207) | |
| | **rs2071942** | C | - | - | - | - | - | - | - | - | - |
| | rs1626492 | A | | 0.977 (0.9255) | | 0.835 (0.7795) | | 1.143 (1.099) | | 0.773 (0.3766) | |
| | rs6912834 | G | | 1.029 (0.864) | | 0.834 (0.7684) | | 1.322 (1.377) | | 0.677 (0.8495) | |
| | rs2071943 | A | | 0.826 (0.8983) | | 0.673 (0.7411) | | 1.013 (1.089) | | 0.066 (0.2744) | |
| | **rs1629862 *** | T | | **1.61** | | 1.08 | | **2.39** | | 0.02 | |
| | **rs10303736** | T | 0.901 / 0.894 (0.8983) | | 0.930 / 0.94 | | 1.255 / 1.26 | | 0.310 / 0.24 | | 1 |
| | **rs5370** | C | 0.901 / 0.894 (0.8983) | | 0.743 / 0.738 (0.7411) | | 1.092 / 1.084 (1.089) | | 0.288 / 0.254 (0.2744) | | 1 |
| | rs9296344 | C | | 1.100 (0.9691) | | 0.812 (0.7207) | | 1.491 (1.338) | | 0.580 (0.8334) | |
| | rs4714383 | T | | 0.972 (0.9588) | | 0.838 (0.8153) | | 1.128 (1.128) | | 0.725 (0.696) | |
| | rs4714384 | C | | 1.038 (0.9784) | | 0.887 (0.8378) | | 1.215 (1.143) | | 0.643 (0.7832) | |
| | rs2859338 | A | 1.145 / 1.035 (1.04) | | 0.984 / 0.992 (0.9832) | | 1.332 / 1.341 (1.34) | | 0.080 / 0.063 (0.06333) | | 1 |
| | rs7356986 | C | 1.029 / 1.029 (1.029) | | 0.811 / 0.814 (0.8127) | | 1.306 / 1.304 (1.304) | | 0.817 / 0.814 (0.8135) | | 1 |
| | rs11752276 * | C | | 0.79 | | 0.64 | | 0.98 | | 0.04 | |

| GPR154 | SNPs | minor allele | OR genotyping | OR imputation HM2 (HM3) | CI_L 95% genotyping | CI_L 95% imputation HM2 (HM3) | CI_U 95% genotyping | CI_U 95% imputation HM2 | p-value genotyping | p-value imputation HM2 (HM3) | R2 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **rs2609234** | A | 0.926 / 0.94 | | 0.749 / 0.77 | | 1.145 / 1.14 | | 0.480 / 0.52 | | 0.90 |
| | **rs1006392** | A | 1.068 / 1.07 | | 0.910 / 0.87 | | 1.382 / 1.3 | | 0.422 / 0.85 | | 0.87 |
| | **rs1006393 (rs714588 i r²=0.86)** | T | 1.018 / 1.004 (1.018) | | 0.875 / 0.863 (0.8753) | | 1.184 / 1.168 (1.184) | | 0.816 / 0.959 (0.8164) | | 0.99 |
| | rs1158586 | A | | 1.062 (1.058) | | 0.906 (0.9021) | | 1.246 (1.242) | | 0.458 (0.4861) | |
| | rs1023556 | T | | 0.976 (0.9762) | | 0.814 (0.814) | | 1.171 (1.171) | | 0.795 (0.7952) | |
| | rs2530544 | T | | 0.990 (0.9673) | | 0.821 (0.7975) | | 1.194 (1.173) | | 0.917 (0.7354) | |
| | rs2530545 | C | | 0.971 (0.9645) | | 0.795 (0.7949) | | 1.186 (1.171) | | 0.772 (0.8088) | |
| | **rs1379928** | C | 0.973 / 0.975 (0.9745) | | 0.813 / 0.815 (0.8146) | | 1.164 / 1.166 (1.166) | | 0.762 / 0.778 (0.7778) | | 1 |
| | **rs963218** | A | | 0.92 | | 0.79 | | 1.08 | | 0.31 | |
| | **rs2609215** | G | 0.975 / 0.965 (0.9654) | | 0.742 / 0.734 (0.7342) | | 1.281 / 1.269 (1.269) | | 0.854 / 0.801 (0.8012) | | 0.99 |
| | rs2125404 | G | | 0.925 (0.9503) | | 0.698 (0.7147) | | 1.226 (1.263) | | 0.585 (0.6966) | |
| | rs1963499 | G | | 0.906 (0.8779) | | 0.668 (0.6724) | | 1.251 (1.146) | | 0.548 (0.3388) | |
| | rs1419793 | C | | 0.815 (0.5414) | | 0.395 (0.2119) | | 1.644 (1.384) | | 0.581 (0.2) | |
| | rs2530547 | G | | 1.03 | | 0.82 | | 1.3 | | 0.79 | |
| | rs887020 | A | | 0.97 | | 0.83 | | 1.13 | | 0.69 | |
| | rs2530548 | C | | 1.056 (1.049) | | 0.899 (0.8968) | | 1.240 (1.229) | | 0.505 (0.5513) | |
| | rs2530552 | C | | 1.034 (0.9845) | | 0.879 (0.8375) | | 1.217 (1.157) | | 0.686 (0.8498) | |
| | rs411323 | T | | 0.973 (0.9446) | | 0.823 (0.7969) | | 1.149 (1.117) | | 0.743 (0.5751) | |
| | rs12673132 | C | | 1.028 (1.092) | | 0.859 (0.907) | | 1.693 (1.786) | | 0.713 (0.2511) | |
| | rs2530566 | C | | 0.945 (0.9518) | | 0.812 (0.8186) | | 1.101 (1.107) | | 0.467 (0.5205) | |
| | rs2022142 | C | | 1.08 | | 0.93 | | 1.25 | | 0.31 | |
| | rs2609222 | G | | 0.938 (0.9419) | | 0.798 (0.7887) | | 1.136 (1.125) | | 0.637 (0.5863) | |
| | rs2530569 | A | | 0.95 | | 0.73 | | 1.27 | | 0.8 | |
| | rs1762564 | G | | 0.969 (0.9926) | | 0.824 (0.8344) | | 1.195 (1.181) | | 0.786 (0.9333) | |
| | rs1379923 | G | | 1.057 (1.07) | | 0.870 (0.8836) | | 1.283 (1.296) | | 0.578 (0.4886) | |
| | rs13513840 | C | | 1.09 (1.033) | | 0.930 (0.8857) | | 1.280 (1.204) | | 0.318 (0.6968) | |
| | rs6957774 | G | | 1.11 | | 0.88 | | 1.39 | | 0.39 | |
| | **rs323917** | G | 0.961 / 0.95 | | 0.698 / 0.67 | | 1.323 / 1.35 | | 0.807 / 0.76 | | 0.74 |
| | rs765073 | G | | 1.32 | | 0.94 | | 1.85 | | 0.11 | |
| | rs323918 | A | | 1.144 (1.134) | | 0.985 (0.976) | | 1.329 (1.318) | | 0.079 (0.1002) | |
| | rs2129479 | C | | 1.21 | | 0.85 | | 1.72 | | 0.26 | |
| | rs10250338 | C | | 1.21 | | 0.85 | | 1.72 | | 0.26 | |
| | rs10197589 | G | | 1.21 | | 0.85 | | 1.72 | | 0.26 | |
| | rs2022143 | C | | 1.11 | | 0.68 | | 1.39 | | 0.39 | |
| | rs6960356 | C | | 0.89 | | 0.77 | | 1.04 | | 0.15 | |
| | **rs11773493 (rs740347 i r²=1)** | A | 1.103 / 1.103 (1.113) | | 0.886 / 0.886 (0.9022) | | 1.372 / 1.372 (1.374) | | 0.381 / 0.381 (0.3168) | | 1 |
| | rs324393 | A | | 1.17 | | 0.96 | | 1.41 | | 0.11 | |
| | rs324392 | T | | 0.95 | | 0.85 | | 1.14 | | 0.88 | |
| | rs13236864 | C | | 0.968 (0.9734) | | 0.817 (0.8378) | | 1.146 (1.131) | | 0.710 (0.7252) | |
| | **rs324396** | T | 0.915 / 0.934 (0.9274) | | 0.776 / 0.793 (0.7872) | | 1.080 / 1.100 (1.093) | | 0.295 / 0.413 (0.3672) | | 1.00 |
| | rs10243634 | T | | 0.960 (0.9518) | | 0.813 (0.817) | | 1.134 (1.109) | | 0.566 (0.5519) | |
| | rs10486657 | T | | 1.08 | | 0.86 | | 1.26 | | 0.65 | |
| | rs324976 | G | | 1.07 | | 0.86 | | 1.18 | | 0.71 | |
| | rs324986 | G | | 0.968 (0.9734) | | 0.823 (0.8378) | | 1.135 (1.131) | | 0.670 (0.7252) | |
| | rs1585255 | G | | 0.94 | | 0.77 | | 1.14 | | 0.53 | |
| | rs325459 | G | | 0.94 | | 0.77 | | 5.92 | | 0.8 | |
| | rs4580944 | T | | 1.02 | | 0.88 | | 1.18 | | 0.8 | |
| | rs325460 | T | | 1.02 | | 0.88 | | 1.18 | | 0.75 | |
| | rs4584648 | C | | 0.964 (0.9813) | | 0.819 (0.8345) | | 1.136 (1.154) | | 0.656 (0.819) | |
| | rs725902 | C | | 0.88 | | 0.76 | | 1.02 | | 0.09 | |
| | rs17789642 | G | | 0.991 (1.008) | | 0.772 (0.7843) | | 1.274 (1.296) | | 0.946 (0.9486) | |
| | rs1419868 | T | | 0.956 (0.9488) | | 0.821 (0.8146) | | 1.113 (1.105) | | 0.567 (0.4995) | |
| | rs17110012 | G | | 0.964 (0.9665) | | 0.821 (0.823) | | 1.132 (1.135) | | 0.653 (0.6816) | |
| | rs12701388 | G | | 2.82 | | 0.57 | | 1.94 | | 0.21 | |
| | rs17200135 | G | | 0.963 (0.9344) | | 0.647 (0.6473) | | 1.764 (1.846) | | 0.797 (0.8451) | |
| | rs17170013 | G | | 0.92 | | 0.81 | | 1.17 | | 0.43 | |
| | rs17789834 | G | | 0.982 (0.9897) | | 0.772 (0.7843) | | 1.253 (1.296) | | 0.884 (0.9486) | |
| | rs1860369 | A | | 1.14 | | 0.94 | | 1.37 | | 0.17 | |
| | rs4947841 | G | | 0.943 (0.9384) | | 0.807 (0.7933) | | 1.103 (1.11) | | 0.465 (0.4247) | |
| | rs17170017 | G | | 0.905 (0.9342) | | 0.770 (0.7943) | | 1.064 (1.092) | | 0.226 (0.3922) | |
| | rs9640043 | G | | 0.92 | | 0.75 | | 1.14 | | 0.46 | |
| | rs17790181 | G | | 0.991 (0.9833) | | 0.772 (0.766) | | 1.274 (1.262) | | 0.946 (0.8937) | |
| | rs10250709 | A | 0.938 / 0.936 (0.9334) | | 0.802 / 0.801 (0.7984) | | 1.097 / 1.095 (1.091) | | 0.423 / 0.408 (0.3817) | | 1 |
| | rs2392285 | A | | 0.96 | | 0.82 | | 1.12 | | 0.61 | |
| | rs10238993 | A | 0.944 / 0.938 (0.9577) | | 0.802 / 0.788 (0.7927) | | 1.11 / 1.115 (1.157) | | 0.519 / 0.478 (0.6254) | | 0.99 |
| | rs2040854 | A | | 1.11 | | 0.92 | | 1.33 | | 0.27 | |
| | rs13303590 | T | 0.944 / 0.938 (0.9577) | | 0.794 / 0.788 (0.7927) | | 1.123 / 1.115 (1.157) | | 0.519 / 0.478 (0.6254) | | 0.99 |
| | rs10257456 | A | | 0.98 | | 0.84 | | 1.14 | | 0.76 | |
| | rs10271686 | G | 0.944 / 0.943 (0.943) | | 0.806 / 0.805 (0.8051) | | 1.106 / 1.105 (1.105) | | 0.467 / 0.467 (0.4671) | | 1 |
| | rs11271459 | G | 0.981 / 0.981 (0.854) | | 0.667 / 0.667 (0.6732) | | 1.243 / 1.243 (1.108) | | 0.766 / 0.766 (0.2439) | | 1 |
| | rs1989342 | A | 1.047 / 1.047 (1.043) | | 0.891 / 0.894 (0.8902) | | 1.223 / 1.227 (1.222) | | 0.597 / 0.570 (0.6021) | | 1 |
| | **rs323922** | C | | 0.935 | | | | | | 0.150 | |
| | **rs323977** | T | | 1.203 | | 0.965 | | 1.317 | | | |
| | **rs324384** | A | | 1.128 | | | | | | | |
| | rs11649270 | G | 0.935 / 0.935 (0.9325) | | 0.741 / 0.741 (0.7409) | | 1.098 / 1.098 (1.084) | | 0.385 / 0.385 (0.3642) | | 1 |
| | rs3280906 | G | 0.972 / 0.972 (0.9719) | | 0.835 / 0.835 (0.8354) | | 1.130 / 1.130 (1.13) | | 0.691 / 0.691 (0.6908) | | 1 |
| | rs2023328 | A | 1.091 / 1.091 (1.091) | | 0.936 / 0.936 (0.9363) | | 1.271 / 1.271 (1.271) | | 0.259 / 0.259 (0.2589) | | 1 |
| | rs329240 | T | 0.973 / 0.972 (0.8664) | | 0.744 / 0.743 (0.7399) | | 1.069 / 1.069 (1.069) | | 0.309 / 0.309 (0.3273) | | 1 |
| | rs329252 | C | 0.924 / 0.919 (0.919) | | 0.819 / 0.815 (0.8156) | | 1.038 / 1.033 (1.033) | | 0.183 / 0.145 (0.1451) | | 1 |
| | rs329263 | A | 0.897 / 0.922 (0.922) | | 0.775 / 0.775 (0.7747) | | 1.038 / 1.072 (1.072) | | 0.309 / 0.412 (0.412) | | 1 |
| | rs329580 | C | 0.897 / 0.920 (0.8969) | | 0.775 / 0.775 (0.7747) | | 1.038 / 1.038 (1.038) | | 0.145 / 0.145 (0.1451) | | 1 |

| Gene | SNPs | minor allele | OR genotyping | OR imputation HM2 (HM3) | CI_L 95% genotyping | CI_L 95% imputation HM2 (HM3) | CI_U 95% genotyping | CI_U 95% imputation HM2 (HM3) | p-value genotyping | p-value imputation HM2 (HM3) | R2 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **GSTP1** | | | | | | | | | | | |
| | rs7927381 | T | | 1.273 (1.242) | | 0.981 (0.9596) | | 1.654 (1.608) | | 0.070 (0.09953) | |
| | rs614080** | A | 0.778 | 0.778 (0.7779) | 0.668 | 0.668 (0.6679) | 0.906 | 0.906 (0.906) | 0.0013 | 0.012 (0.0012) | 1 |
| | **rs6591255** | A | 1.159 | (1.192) | 0.990 | / (1.024) | 1.356 | / (1.388) | 0.066 | / (0.02357) | |
| | rs6591256 * | T | 1.190 | 1.18 | 1.022 | / 1.01 | 1.387 | / 1.37 | 0.026 | / 0.03 | 0.99 |
| | **rs1695** | G | 1.125 | 1.165 (1.212) | 1.042 | 0.996 (1.034) | 1.316 | 1.362 (1.421) | 0.141 | 0.056 (0.01765) | 0.94 |
| | rs1799811 | T | 0.985 | 1.04 | 0.758 | / 0.81 | 1.279 | / 1.35 | 0.908 | / 0.76 | 1 |
| | rs1871042 | T | | 1.161 (1.227) | | 0.993 (1.047) | | 1.358 (1.439) | | 0.061 (0.0116) | |
| **IL12B** | | | | | | | | | | | |
| | rs6870828 | C | | 0.94 | | 0.81 | | 1.09 | | 0.4 | |
| | rs1860014 | T | | 0.92 | | 0.76 | | 1.12 | | 0.43 | |
| | rs3181224 | C | 1.013 | 1.01 | 0.797 | 0.8 | 1.289 | 1.29 | 0.914 | 0.91 | 1 |
| | **rs3212227** | G | | 1.09 | | 0.9 | | 1.32 | | 0.4 | |
| | rs3213120 | T | | 1.21 | | 0.77 | | 1.9 | | 0.41 | |
| | rs3213102 * | T | | 3.04 | | 1.11 | | 8.35 | | 0.03 | |
| | rs2853694 | T | | 1.028 (1.028) | | 0.884 (0.8844) | | 1.195 (1.195) | | 0.718 (0.7184) | |
| | rs3213096 | T | | 5.056 (2.12) | | 0.679 (0.6498) | | 47.100 (6.918) | | 0.109 (0.2129) | |
| | rs3213094 | | | 1.08 | | 0.89 | | 1.31 | | 0.43 | |
| | rs2569253 * | T | 1.012 | 0.988 (0.9913) | 0.868 | 0.847 (0.8496) | 1.181 | 1.153 (1.157) | 0.877 | 0.879 (0.9112) | 1 |
| | rs2569254 | T | 0.953 | 0.955 (0.9603) | 0.784 | 0.787 (0.7906) | 1.157 | 1.160 (1.166) | 0.624 | 0.646 (0.6827) | 1 |
| | rs2546891 | A | | 3.78 | | 0.8 | | 17.84 | | 0.09 | |
| | rs3181216 | T | 1.023 | 1.02 | 0.866 | 0.87 | 1.209 | 1.2 | 0.789 | 0.79 | 0.97 |
| | rs3213117 | C | | 1.05 | | 0.69 | | 1.61 | | 0.82 | |
| | rs1003199 | T | | 1.013 (0.9647) | | 0.868 (0.8438) | | 1.181 (1.149) | | 0.872 (0.8449) | |
| | rs1433048 | G | 0.884 | 0.872 (0.8816) | 0.724 | 0.713 (0.7221) | 1.080 | 1.065 (1.076) | 0.227 | 0.180 (0.2159) | 0.98 |
| | rs2546893 | A | | 1.01 | | 0.86 | | 1.17 | | 0.94 | |
| | rs730691 | G | 0.983 | 0.962 (9818) | 0.837 | 0.836 (0.836) | 1.154 | 1.153 (1.153) | 0.831 | 0.821 (0.8228) | 1 |
| | rs2546890 | G | 0.980 | 0.966 (0.9685) | 0.839 | 0.828 (0.8308) | 1.144 | 1.126 (1.129) | 0.795 | 0.655 (0.6831) | 1 |
| | rs10052709 | G | | 0.98 | | 0.79 | | 1.23 | | 0.89 | |
| | rs1422876 | C | | 0.94 | | 0.8 | | 1.09 | | 0.41 | |
| **IL13** | | | | | | | | | | | |
| | rs3091307 | A | | 1.11 | | 0.93 | | 1.33 | | 0.24 | |
| | **rs1881457** | C | 1.076 | (1.12) | 0.898 | (0.9393) | 1.291 | (1.334) | 0.427 | (0.2074) | |
| | **rs1800925** | T | 1.085 | | 0.904 | | 1.303 | | 0.380 | | |
| | rs2959086 * | A | 1.220 | 1.230 (1.23) | 1.016 | 1.024 (1.024) | 1.464 | 1.478 (1.478) | 0.033 | 0.027 (0.02681) | 0.99 |
| | **rs20541 *** | T | 1.227 | 1.225 (1.221) | 1.021 | 1.020 (1.016) | 1.475 | 1.472 (1.468) | 0.029 | 0.030 (0.03319) | 1 |
| | rs1295683 * | | | 1.26 | | 1 | | 1.59 | | 0.05 | |
| | rs2243297 | A | | 1.39 | | 0.92 | | 2.11 | | 0.12 | |
| | rs2243204 | T | 1.129 | 1.129 (1.129) | 0.870 | 0.870 (0.8701) | 1.464 | 1.464 (1.464) | 0.362 | 0.362 (0.3616) | 1 |
| | rs2243298 | A | | 2.15 | | 0.7 | | 6.56 | | 0.18 | |
| **IL4** | | | | | | | | | | | |
| | rs762534 | A | | 1.14 | | 0.86 | | 1.51 | | 0.37 | |
| | rs2243240 | T | | 1.62 | | 0.63 | | 4.13 | | 0.32 | |
| | **rs2243248** | G | 1.225 | 0.998 (0.9442) | 0.997 | 0.772 (0.6999) | 1.505 | 1.291 (1.274) | 0.054 | 0.0 (0.7071) | |
| | **rs2070874** | T | 1.221 | 1.356 (1.23) | 0.997 | 1.098 (1.006) | 1.494 | 1.675 (1.505) | 0.054 | 0.005 (0.04348) | 0.77 |
| | rs2243263 | C | | 0.98 | | 0.76 | | 1.25 | | 0.84 | |
| | rs2243274 * | A | | 1.24 | | 1.01 | | 1.52 | | 0.04 | |
| | rs2406539 | A | | 1.16 | | 0.98 | | 1.37 | | 0.09 | |
| **IL4R** | | | | | | | | | | | |
| | rs8057585 | C | | 1.104 (1.097) | | 0.946 (0.9404) | | 1.288 (1.28) | | 0.209 (0.2388) | |
| | **rs2057768 *** | T | 1.267 | 1.119 (1.106) | 1.061 | 0.944 (0.9335) | 1.512 | 1.326 (1.31) | 0.0089 | 0.195 (0.2443) | 0.89 |
| | rs6498012 | C | | 1.080 (1.071) | | 0.922 (0.9145) | | 1.263 (1.253) | | 0.340 (0.3959) | |
| | rs1110470 | A | | 0.89 | | 0.76 | | 1.03 | | 0.12 | |
| | rs4787948 | G | 1.110 | 1.111 (1.115) | 0.940 | 0.940 (0.9434) | 1.312 | 1.312 (1.317) | 0.218 | 0.217 (0.2022) | 1 |
| | rs2283563 | A | 0.896 | 0.893 (0.8928) | 0.761 | 0.759 (0.7588) | 1.054 | 1.050 (1.052) | 0.185 | 0.172 (0.1719) | 1 |
| | rs3024530 | G | 1.134 | 1.134 (1.134) | 0.975 | 0.975 (0.9748) | 1.319 | 1.319 (1.319) | 0.103 | 0.103 (0.1033) | 1 |
| | rs3024536 | T | 1.091 | 1.091 (1.085) | 0.889 | 0.889 (0.8842) | 1.338 | 1.338 (1.331) | 0.406 | 0.406 (0.4348) | 1 |
| | **rs1805010 *** | G | 1.234 | 1.149 (1.149) | 1.053 | 0.980 (0.9865) | 1.446 | / (1.337) | 0.0093 | / (0.072421) | |
| | rs3024560 | A | | 1.151 (1.157) | | 0.985 (0.9903) | | 1.344 (1.352) | | 0.078 (0.06614) | |
| | rs2301807 | A | | 0.85 | | 0.6 | | 1.2 | | 0.36 | |
| | rs2239349 | A | | 0.933 (0.8096) | | 0.542 (0.5906) | | 1.609 (1.11) | | 0.804 (0.1893) | |
| | rs2239346 * | A | | 0.84 | | 0.72 | | 0.98 | | 0.02 | |
| | rs3116578 | T | | 1.14 | | 0.85 | | 4.25 | | 0.28 | |
| | rs3024585 * | A | 1.180 | 1.179 (1.175) | 1.014 | 1.013 (1.01) | 1.373 | 1.371 (1.366) | 0.032 | 0.033 (0.03679) | 1 |
| | rs3024613 | T | | 0.869 (0.8786) | | 0.747 (0.756) | | 1.010 (1.021) | | 0.067 (0.09138) | |
| | rs3024620 | G | | 0.86 | | 0.6 | | 1.23 | | 0.41 | |
| | rs3024622 * | C | | 1.22 | | 1.04 | | 1.42 | | 0.04 | |
| | rs3024630 | G | 0.932 | 0.946 (0.9454) | 0.724 | 0.736 (0.7348) | 1.199 | 1.215 (1.216) | 0.582 | 0.661 (0.6621) | 0.99 |
| | rs3024691 | A | | 0.56 | | 0.3 | | 1.04 | | 0.13 | |
| | rs3024647 | G | | 0.94 | | 0.76 | | 1.16 | | 0.54 | |
| | rs3024660 | C | 0.910 | 0.943 (0.912) | 0.741 | 0.765 (0.742) | 1.118 | 1.163 (1.121) | 0.371 | 0.584 (0.3811) | 0.96 |
| | rs2234997 | C | | 0.85 | | 0.52 | | 1.39 | | 0.51 | |
| | **rs1805011** | C | 1.114 | 1.103 (1.103) | 0.870 | 0.862 (0.8624) | 1.428 | 1.411 (1.411) | 0.392 | 0.435 (0.4346) | 1 |
| | **rs1805012 (rs2234898 / r²=0.95)** | C | 1.114 | 1.103 (1.104) | 0.870 | 0.862 (0.8628) | 1.428 | 1.411 (1.413) | 0.392 | 0.435 (0.4311) | 1 |
| | **rs1805012** | C | 1.111 | 1.104 (1.104) | 0.865 | 0.863 (0.8628) | 1.427 | 1.413 (1.413) | 0.411 | 0.431 (0.4311) | 1 |
| | rs2234900 | C | | (1.104) | | (0.8628) | | / (1.413) | | / (0.4311) | |
| | rs1805015 | C | 1.035 | 1.030 (1.024) | 0.842 | 0.838 (0.8293) | 1.272 | 1.265 (1.264) | 0.744 | 0.782 (0.828) | 1 |
| | rs1801275 | G | 1.052 | 1.05 | 0.874 | 0.87 | 1.267 | 1.27 | 0.589 | 0.59 | 1 |
| | rs1805016 | C | | 0.848 (0.9305) | | 0.602 (0.6517) | | 1.195 (1.328) | | 0.347 (0.6917) | |
| | rs2074570 | C | | 1.13 | | 0.77 | | 1.67 | | 0.53 | |
| | rs1049631 | G | 1.083 | 1.084 (1.064) | 0.931 | 0.932 (0.9315) | 1.260 | 1.260 (1.26) | 0.301 | 0.298 (0.2983) | 1 |
| | rs3024698 | A | | 0.85 | | 0.46 | | 1.57 | | 0.6 | |
| | rs3024685 | C | | 0.874 (0.8805) | | 0.199 (0.606) | | 1.190 (1.198) | | 0.802 (0.7353) | |
| | rs2225086 | C | | 0.77 | | 0.52 | | 1.16 | | 0.38 | |
| | rs12102586 | T | | 1.04 | | 0.8 | | 1.36 | | 0.79 | |
| | rs4787956 | C | | 1.037 (1.049) | | 0.886 (0.8969) | | 1.214 (1.227) | | 0.650 (0.5495) | |
| **PTGDR** | | | | | | | | | | | |
| | rs803014 | A | | 1.07 | | 0.86 | | 1.33 | | 0.56 | |
| | **rs803012 (rs708487 / r²=1)** | C | 0.939 | 0.941 (0.9412) | 0.784 | 0.786 (0.7863) | 1.124 | 1.127 (1.127) | 0.493 | 0.509 (0.5087) | 1 |
| | rs803011 | T | 0.945 | | 0.786 | | 1.137 | | 0.552 | | |
| | rs8004654 | T | 0.913 | (0.9531) | 0.782 | (0.8204) | 1.066 | (1.107) | 0.250 | (0.5302) | |
| | rs11157907 | C | 0.975 | | 0.788 | | 1.207 | | 0.816 | | |
| | rs11851957 | T | 0.957 | 0.957 (0.9516) | 0.775 | 0.775 (0.7703) | 1.182 | 1.182 (1.176) | 0.684 | 0.684 (0.6457) | 1 |
| | rs17831669 | C | | 1.134 (1.111) | | 0.866 (0.8503) | | 1.484 (1.453) | | 0.361 (0.4392) | |
| | **rs708486** | C | 0.987 | 0.99 | 0.847 | 0.85 | 1.150 | 1.15 | 0.866 | 0.87 | 1 |
| | **rs810633 (rs803010 / r²=0.85)** | T | 1.042 | 1.042 (1.042) | 0.879 | 0.879 (0.8785) | 1.235 | 1.235 (1.235) | 0.639 | 0.639 (0.6391) | 1 |
| | rs12895027 | T | | 1.155 (1.581) | | 0.651 (0.8259) | | 2.049 (2.947) | | 0.623 (0.1669) | |
| | rs1953367 | C | 1.012 | 1.014 (1.005) | 0.848 | 0.849 (0.8428) | 1.207 | 1.210 (1.199) | 0.898 | 0.881 (0.9552) | 0.99 |
| **TNF** | | | | | | | | | | | |
| | rs915654 | A | | 1.12 | | 0.86 | | 1.51 | | 0.18 | |
| | **rs2844482 (rs1800630 / r²=0.89)** | A | 1.145 | 1.170 (1.17) | 0.940 | 0.962 (0.9615) | 1.396 | 1.423 (1.423) | 0.179 | 0.117 (0.1169) | 1 |
| | rs2857713 | G | 1.084 | 1.08 | 0.917 | 0.92 | 1.281 | 1.28 | 0.347 | 0.35 | 1 |
| | rs3093543 | C | | 1.124 | | 0.835 | | 1.515 | | 0.441 | |
| | rs1041981 | A | 1.172 | 1.17 | 0.992 | 0.99 | 1.384 | 1.38 | 0.061 | 0.07 | 1 |
| | **rs1799964** | C | 1.146 | 1.121 (1.126) | 0.955 | 0.939 (0.9432) | 1.375 | 1.338 (1.345) | 0.144 | 0.206 (0.189) | 0.92 |
| | rs1800750 | A | | 1.035 | | 0.649 | | 1.775 | | 0.163 | |
| | **rs1800629 *** | A | 1.333 | 1.317 (1.385) | 1.074 | 1.086 (1.122) | 1.654 | 1.646 (1.709) | 0.001 | 0.0062 (0.0024) | 0.93 |
| | rs361525 | - | | | | | | | | | |
| | **rs1800629 *** | A | 0.977 | 0.977 (0.977) | 0.729 | 0.729 (0.7293) | 1.307 | 1.307 (1.307) | 0.873 | 0.873 (0.873) | 1 |
| | rs3093662 | G | | | | | | | | | |
| | rs3093668 | C | | 0.95 | | 0.67 | | 1.35 | | 0.77 | |
| | rs3093672 | A | | 1.88 | | 0.56 | | 6.28 | | 0.3 | |
| | rs3093671 | A | | 0.583 (0.599) | | 0.385 (0.3937) | | 0.883 (0.914) | | 0.011 (0.017) | |
| | rs769177 * | T | | 1.096 (1.089) | | 0.629 (0.6312) | | 1.811 (1.88) | | 0.747 (0.758) | |
| | rs3093559 | | | | | | | | | | | |
| **VDR** | | | | | | | | | | | |
| | rs12721364 | A | | 0.896 (0.9297) | | 0.723 (0.7472) | | 1.110 (1.157) | | 0.313 (0.5132) | |
| | **rs7968585 (rs7975232 / r²=0.06)** | A | 1.028 | 1.204 (1.034) | 0.883 | 0.889 (0.8889) | 1.196 | 1.203 (1.203) | 0.722 | 0.645 (0.6649) | 1 |
| | rs6580639 | C | | 0.7 | | 0.47 | | 1.04 | | 0.08 | |
| | rs12721385 | C | | 1.21 | | 0.6 | | 2.46 | | 0.59 | |
| | rs11574149 | T | | 1.01 | | 0.46 | | 2.24 | | 0.97 | |
| | rs3858733 | G | | 0.756 (0.6768) | | 0.361 (0.4104) | | 1.584 (1.116) | | 0.459 (0.1261) | |
| | **rs731236** | G | 1.063 | (1.084) | | (0.9292) | 1.247 | (1.266) | 0.458 | (0.3037) | |
| | rs11574113 * | | | 0.78 | | 0.61 | | 1 | | 0.05 | |
| | rs757343 | A | 0.797 | 0.797 (0.7973) | 0.630 | 0.630 (0.6297) | 1.010 | 1.010 (1.01) | 0.061 | 0.060 (0.05998) | 1 |
| | **rs1544410** | A | 1.089 | 1.093 (1.08) | 0.933 | 0.937 (0.9256) | 1.270 | 1.276 (1.26) | 0.281 | 0.253 (0.3356) | 1 |
| | rs7963776 | G | 1.01 | 0.989 (1.004) | 0.850 | 0.847 (0.8612) | 1.160 | 1.156 (1.17) | 0.890 | 0.891 (0.9629) | 1 |
| | **rs2239185** | G | 1.012 | | 0.864 | | 1.185 | | 0.886 | | |
| | rs11574085 * | A | | 1.51 | | 1.06 | | 2.15 | | 0.02 | |
| | rs12721367 | T | | 1.19 | | 0.71 | | 2 | | 0.51 | |
| | rs11168267 | A | | 0.77 | | 0.51 | | 1.16 | | 0.05 | |
| | rs11574077 | C | | 1.137 (1.17) | | 0.855 (0.8491) | | 1.548 (1.614) | | 0.416 (0.3367) | |
| | **rs2239182** | G | 1.158 | 1.158 (1.158) | 0.995 | 0.995 (0.9954) | 1.348 | 1.348 (1.348) | 0.057 | 0.058 (0.05733) | 1 |
| | **rs12107301 ***** | T | 0.755 | 0.767 (0.7512) | 0.639 | 0.649 (0.6352) | 0.893 | 0.908 (0.8883) | 0.0010 | 0.0020 (0.0008) | 0.98 |
| | rs2283342 | G | | 0.825 (0.8518) | | 0.649 (0.691) | | 1.049 (1.049) | | 0.073 (0.1313) | |
| | rs2189204 | G | 0.787 | 0.77 | 0.666 | 0.67 | 0.927 | 0.9 | 0.010 | 0.01 | 0.99 |
| | rs11574066 ** | A | | 1.37 | | 0.667 | | 1.02 | | 3.37 | |
| | rs886441 | A | 1.163 | 1.158 (1.162) | 0.964 | 0.959 (0.963) | 1.402 | 1.398 (1.402) | 0.116 | 0.128 (0.1173) | 1 |
| | **rs2189480 *** | A | 0.845 | 0.841 (0.8319) | 0.723 | 0.720 (0.7114) | 0.988 | 0.983 (0.9727) | 0.035 | 0.029 (0.02104) | 1 |
| | **rs3819545 *** | C | 0.786 | 0.791 (0.7868) | 0.673 | 0.677 (0.6736) | 0.919 | 0.924 (0.919) | 0.003 | 0.0032 (0.0025) | 0.68 |
| | **rs3782905 *** | C | 1.204 | 1.18 | 1.013 | 1 | 1.431 | 1.39 | 0.038 | 0.04 | 1 |
| | **rs2239186** | C | 0.864 | 0.864 (0.8687) | 0.719 | 0.719 (0.7228) | 1.040 | 1.039 (1.044) | 0.122 | 0.121 (0.1333) | 1 |
| | rs11574049 | G | | 0.655 (1.568) | | 0.348 (0.5667) | | 1.230 (4.339) | | 0.188 (0.3063) | |
| | rs2254210 | A | 1.153 | 1.154 (1.154) | 0.985 | 0.986 (0.9862) | 1.350 | 1.351 (1.351) | 0.076 | 0.074 (0.07404) | 1 |
| | rs2238136 | A | 0.862 | 0.867 (0.8667) | 0.731 | 0.735 (0.7348) | 1.017 | 1.022 (1.022) | 0.079 | 0.090 (0.09036) | 1 |
| | **rs2408239 *** | A | 0.867 | 0.866 (0.8669) | 0.731 | 0.733 (0.7368) | 1.028 | 1.024 (1.024) | 0.104 | 0.099 (0.09913) | 0.99 |
| | **rs2238135 *** | C | 1.134 | 1.132 (1.132) | 0.968 | 0.966 (0.9659) | 1.330 | 1.327 (1.327) | 0.121 | 0.126 (0.1256) | 1 |
| | rs4760648 | A | 0.928 | 0.931 (0.9251) | 0.794 | 0.797 (0.7919) | 1.084 | 1.081 (1.084) | 0.346 | 0.368 (0.3299) | 0.99 |
| | rs2853559 | A | | 1.33 | | 1.18 | | | | 0.14 | |
| | rs11168287 | G | | 0.98 | | 0.75 | | 1.02 | | 0.09 | |
| | rs4328262 | G | | 0.898 (0.9291) | | 0.768 (0.7961) | | 1.049 (1.084) | | 0.174 (0.3504) | |
| | rs4334890 | A | 0.968 | 0.972 (0.9639) | 0.824 | 0.830 (0.8246) | 1.151 | 1.155 (1.146) | 0.712 | 0.747 (0.7677) | 1 |
| | rs4237855 | G | | 0.925 (0.9245) | | 0.789 (0.7899) | | 1.083 (1.082) | | 0.333 (0.3286) | |
| | rs11574026 | G | | 0.96 | | 0.73 | | 1.25 | | 0.74 | |
| | rs3890733 | T | 1.118 | 1.117 (1.117) | 0.951 | 0.950 (0.9503) | 1.315 | 1.313 (1.313) | 0.177 | 0.180 (0.1795) | 1 |
| | rs12427078 | G | | 0.39 | | 0.14 | | 1.13 | | 0.08 | |
| | rs7136534 | T | | 0.991 (0.9593) | | 0.832 (0.8053) | | 1.181 (1.143) | | 0.919 (0.6419) | |
| | rs12721409 | T | | 1.25 | | 0.43 | | 3.62 | | 0.68 | |
| | rs12501281 | T | | 1.352 (1.299) | | 0.760 (0.5963) | | 2.386 (2.45) | | 0.298 (0.599) | |
| | rs12721377 | C | | 0.97 | | 0.58 | | 1.62 | | 0.9 | |
| | rs10783219 | T | | 0.88 | | 0.77 | | 1.05 | | 0.19 | |
| | rs11574024 | T | | 0.63 | | 0.39 | | 1.01 | | 0.05 | |
| | rs7299460 | T | | 1.093 (0.9757) | | 0.852 (0.8234) | | 1.194 (1.156) | | 0.920 (0.7764) | |
| | rs4516035 | T | 1.105 | 1.113 (1.113) | 0.947 | 0.954 (0.9538) | 1.290 | 1.299 (1.299) | 0.204 | 0.174 (0.1742) | 1 |
| | rs11568820 | T | | 0.959 (0.9594) | | 0.788 (0.7877) | | 1.168 (1.168) | | 0.680 (0.6799) | |