| **SNP** | **alpha.estimate** | **alpha.p.value** | **gamma.estimate** | **gamma.p.value** | **beta.estimate** | **beta.p.value** | **TheoPower** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| rs1942873\_G (MC4R) | 0.412 | 1.3e-02 | 0.0230 | 4.1e-02 | 3.15 | 2.5e-41 | 72.7 |
| rs55899248\_C (TCF7L2) | 0.291 | 2.7e-02 | 0.0250 | 1.9e-02 | 3.49 | 2.0e-44 | 57.6 |
| rs17301514\_T (ST6GAL1) | -0.602 | 7.6e-03 | 0.0450 | 3.5e-03 | 3.21 | 5.0e-42 | 43.1 |
| rs61871514\_T (KCNQ1) | 0.425 | 4.6e-02 | 0.0455 | 2.1e-02 | 3.17 | 2.8e-42 | 41.5 |
| rs7072870\_T (C10orf35) | -0.389 | 8.6e-03 | 0.0246 | 2.3e-02 | 3.20 | 2.4e-42 | 41.0 |
| rs7432858\_T (ADAMTS9) | -0.951 | 1.0e-04 | 0.0586 | 3.3e-02 | 3.22 | 3.8e-42 | 37.7 |
| rs10830962\_G (MTNR1B) | -0.388 | 1.4e-03 | 0.0507 | 2.5e-08 | 3.24 | 2.3e-42 | 31.5 |
| rs114508985\_C (HLA) | -0.299 | 2.1e-02 | 0.0205 | 3.3e-02 | 3.56 | 1.6e-45 | 28.5 |
| rs17155987\_C (JAZF1) | -0.369 | 1.5e-02 | 0.0267 | 3.8e-02 | 3.57 | 1.8e-45 | 24.2 |
| rs4311394\_T (ARL15) | -0.313 | 9.0e-03 | 0.0359 | 3.9e-04 | 3.19 | 1.2e-42 | 21.8 |
| rs12475693\_C (G6PC2) | -0.392 | 3.5e-02 | 0.0452 | 7.4e-04 | 3.17 | 1.3e-41 | 20.3 |
| rs4712580\_C (CDKAL1) | -0.311 | 2.4e-02 | 0.0316 | 6.8e-03 | 3.20 | 1.0e-42 | 18.8 |
| rs17540154\_C (ABCB11) | -0.322 | 2.4e-02 | 0.0539 | 6.2e-07 | 3.19 | 2.0e-42 | 13.0 |