**Table S2: Association of *LIPG* combined haplotype variants with HDL-C in GLGC GWAS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Variant** | **Position on Chr.18**a | **Effect of Minor Allele on HDL-C (P value)**b | **Number of Subjects** c |
| rs4939583 | 45321944 (upstream) | ↓ (4.53×10-7) | 98392 |
| rs6507929 | 45330061 (upstream) | ↓ (4.15×10-8) | 98409 |
| rs4939875 | 45347788 (upstream) | ↓ (1.60×10-8) | 98408 |
| rs9959847 (-1495 T>C) | 45340930 (promoter) | ↓ (7.71×10-9) | 98409 |
| rs4245232 (-1429 C>A) | 45340996 (promoter) | ↓ (8.64×10-10) | 98409 |
| rs3829632 (-1309 A>G) | 45341116 (promoter) | ↓ (5.31×10-5) | 36612 |
| rs2000812 | 45347788 (intron 2) | ↓ (2.52×10-9) | 98409 |
| rs3819166 | 45356100 (intron 5) | ↓ (3.77×10-9) | 98409 |

aChromosomal position from HapMap Project data (<http://hapmap.ncbi.nlm.nih.gov/cgi-perl/gbrowse/hapmap28_B36/>).

bAssociation with HDL-C in Global Lipids Genetics Consortium GWAS (13).

cFrom GLGC GWAS.