

Dataset pertaining to the publication “Polymorphisms in B3GAT1, SLC9A9 and MGAT5 are associated with variation within the human plasma N-glycome of 3533 European adults.”. Hum Mol Genet, Dec 15 2011;20(24):5000-11; doi: 10.1093/hmg/ddr414. URL:

<http://hmg.oxfordjournals.org/content/20/24/5000.long>. If you use this dataset, please cite the manuscript in order to fairly acknowledge the contribution of all participating studies and their sponsors.

The files are comma separated and contain genome wide association meta-analysis data for the discovery studies. Summary data are given for the meta-analyses of over 2 million directly genotyped or imputed single variant polymorphisms corresponding to the HAPMAP2 release 22 reference panel. allele2 and effallele is allele for which effect (beta) is reported, allele1 is alternate allele, chromosome and position are position of the SNP on NCBI36/hg18 build. Meta-analysis mean effect size (beta) is the inverse-variance weighted estimate derived from individual discovery study; sebeta is its standard error. p is meta-analysis P-value; n is the total number of samples used in meta-analysis. Meta-analysis estimates are corrected for inflation of test statistics using genomic control at the individual study level.

The archive **PlasmaGlycans_GWAMA_2013.tar.gz** contains forty six files gzipped files corresponding to genome-wide association meta-analysis (GWAMA) of forty six plasma N-glycome traits.

Caroline Hayward, on behalf of all co-authors in the corresponding manuscript.

Variable Name	Definition
effallele	allele for which effect (beta) is reported
allele2	allele for which effect (beta) is reported
allele1	Alternate allele
chromosome	chromosome on which the SNP is found on the NCBI36/hg18 build
position	position of the SNP on NCBI36/hg18 build
Meta-analysis mean effect size (beta)	the inverse-variance weighted estimate derived from individual discovery study
sebeta	Standard error of the pooled effect size
p	Meta-analysis P-value
n	the total number of samples used in meta-analysis