

Title: Supplementary Data 1:

Description: CpGs with $h^2 > 0.1$.

Title: Supplementary Data 2:

Description: CpGs with household effects > 0.1 .

Title: Supplementary Data 3:

Description: Mendelian randomization results of causal CpGs for CVD and CVD risk factors.

Title: Supplementary Data 4:

Description: Pathway analysis of cis-meQTLs for 92 CVD related CpGs by FUMA.

Title: Supplementary Data 5:

Description: Putatively causal gene expression traits for CVD and CVD risk factors using FHS blood eQTLs.

Title: Supplementary Data 6:

Description: trans-meQTL hotspots.

Title: Supplementary Data 7:

Description: Linking GWAS p values with peak cis-meQTLs for each CVD causal CpG.