

Description of Additional Supplementary Files

File Name: Supplementary Data 1 – 17

This file contains the following Supplementary Data sheets:

Supplementary Data 1

Description: Basic characteristics of the studied UKB sample.

Supplementary Data 2

Description: Main association results in the meta-analysis of both sex groups.

Supplementary Data 3

Description: The associations of 1059 lead variants in 7,452 South Asian participants.

Supplementary Data 4

Description: The association of previously reported SNPs in the present study.

Supplementary Data 5

Description: Associations significant at the GWS level but not at the suggestive level in both sexes.

Supplementary Data 6

Description: Age-dependent effect at the 1059 lead SNPs.

Supplementary Data 7

Description: Association results of CRVs.

Supplementary Data 8

Description: Significant eQTL associations in the GTEx project data.

Supplementary Data 9

Description: Significant pQTL associations.

Supplementary Data 10

Description: Significant SMR results.

Supplementary Data 11

Description: Significant DEPICT results at FDR<5%.

Supplementary Data 12

Description: Genes prioritized by all the 6 sources.

Supplementary Data 13

Description: Comparison of imputed vs. sequenced association results on the 52 mis-sense variants.

Supplementary Data 14

Description: Deleterious prediction of the 52 mis-sense variants by 4 bioinformatical tools.

Supplementary Data 15

Description: Significant genes at the gene-based GWS level.

Supplementary Data 16

Description: Significant gene sets at the gene set based GWS level.

Supplementary Data 17

Description: Mendelian randomization analysis results by the SMR method.