

Description of Additional Supplementary File

File name: Supplementary Data 1

Description: Source data for main and supplementary figures.

File name: Supplementary Data 2

Description: Pooled CAD-risk loci from genetic association studies.

File name: Supplementary Data 3

Description: Index gene expression in HAEC and HCASMC.

File name: Supplementary Data 4

Description: Genetic and experimental evidence implicating the index genes in CAD.

File name: Supplementary Data 5

Description: Analysis results for the 20 IP-MS datasets that passed QC.

File name: Supplementary Data 6

Description: Summary of the 20 IP-MS datasets that passed QC.

File name: Supplementary Data 7

Description: GO term enrichment analysis of JCAD interactors in EC.

File name: Supplementary Data 8

Description: Summary of interactors and non-interactors in the PPI networks.

File name: Supplementary Data 9

Description: Overlap of interactors between each pair of IP-MS datasets.

File name: Supplementary Data 10

Description: Tissue enrichment of the PPI networks calculated using GTEx tissue-specific genes.

File name: Supplementary Data 11

Description: Enrichment of MSigDB Hallmark and Reactome gene sets in the PPI networks.

File name: Supplementary Data 12

Description: Enrichment of GO MF, CC, and BP terms in the PPI networks.

File name: Supplementary Data 13

Description: Common variant enrichment of the PPI networks calculated using MAGMA and GWAS summary statistics.

File name: Supplementary Data 14

Description: Protein interactions between index genes and genes in CAD GWAS loci.

File name: Supplementary Data 15

Description: Overlap between CAD PPI data from this study and CRISPR screen data from Wunnemann et al.