Description of Additional Supplementary Files

File Name: Supplementary Data 1
Description: Metabolite reporting standards including quality control metrics.

File Name: Supplementary Data 2
Description: Whole genome sequencing analysis of plasma metabolome (519 locus-metabolite associations).

File Name: Supplementary Data 3
Description: Unknown metabolite annotations using bioinformatic tools (SIRIUS, GNPS, HMDB, In-house library).

File Name: Supplementary Data 4
Description: Associations between Unknown Peaks and Clinical Phenotypes (Jackson Heart Study).
File Name: Supplementary Data 5
Description: Phenotypic associations with sentinel SNP's using Phenoscanner V2.

File Name: Supplementary Data 6
Description: MS/MS fragmentation data for high condifence metabolite predictions. DDA: data dependent acquisition; RT: retention time.

File Name: Supplementary Data 7
Description: Metabolite ID-GNPS Node Map.