

### **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: GWAS and GWAS meta-analysis summary statistics for the lead variants.

File Name: Supplementary Data 2

Description: Variant prioritization using PAINTOR.

File Name: Supplementary Data 3

Description: Summary of coding variants identified in the ICP GWAS meta-analysis

File Name: Supplementary Data 4

Description: Full data of the overlap between genome-wide significant ICP lead variants from the final combined meta-analysis and other traits and diseases reported in the GWAS Catalog

File Name: Supplementary Data 5

Description: Coordinates of human adult liver accessible chromatin regions (GRCh38/hg38)