

Supplementary Table 6. Information of the GWAS data included in this research

Parameters	GWAS ID	Year	Trait	Population	Sample size	Number of SNPs	PMID
ALT	ebi-a-GCST90018943	2021	ALT levels	European	344136	19046671	34594039
	ebi-a-GCST90018723	2021	ALT levels	East Asian	150545	12502574	34594039
AST	ebi-a-GCST90018944	2021	AST levels	European	342990	19046591	34594039
	ebi-a-GCST90018724	2021	AST levels	East Asian	150068	12502666	34594039
Tbil	ebi-a-GCST90018973	2021	Total bilirubin levels	European	342829	19046135	34594039
	ebi-a-GCST90018753	2021	Total bilirubin levels	East Asian	124341	12500054	34594039

GWAS, genome-wide association studies; SNPs, single nucleotide polymorphisms; Tbil, total bilirubin; AST, aspartate aminotransferase; ALT, alanine aminotransferase.