

Supplementary

Table S1. 34 GWAS Catalog studies were used for PRS construction

GWAS catalog accession ID	Pubmed ID	Discovery Sample Ancestry	Replication Sample Ancestry
GCST000491	19779542	1231 East Asian	1510 East Asian
GCST000878	21095009	980 East Asian	3087 East Asian
GCST001044	21505071	437 East Asian	12962 East Asian
GCST001088	21640322	1088 East Asian	8445 East Asian
GCST001561	22685421	2155 South East Asian, 2789 East Asian	
GCST001712	23049088	1251 European	
GCST001881	23406873	1625 East Asian	5811 East Asian
GCST002117	23933737	5030 East Asian	4800 East Asian
GCST002615	25233373	15619 European	3919 NR, 4581 European
GCST003997	27182965	191843 European	
GCST009962	31816047	50372 European	
GCST010994	32428537	3218 East Asian	5969 East Asian, 4858 South East Asian, East Asian
GCST012379	34241624	527 African American or Afro-Caribbean	
GCST012400	33830181	22025 European	2469 European, 739 Asian unspecified
GCST012402	33830181	32613 European	
GCST012403	33830181	24580 European	
GCST90044218	34737426	36623 European	
GCST90044219	34737426	36623 European	
GCST90044220	34737426	36623 European	
GCST90044326	34737426	455654 European	
GCST90078393	34662886	94332 European	
GCST90078394	34662886	94332 European	
GCST90079388	34662886	51135 European	
GCST90079389	34662886	51135 European	
GCST90079390	34662886	51135 European	
GCST90079916	34662886	387930 European	
GCST90082379	34662886	94332 European	
GCST90082380	34662886	94332 European	
GCST90083374	34662886	51135 European	
GCST90083375	34662886	51135 European	
GCST90083376	34662886	51135 European	
GCST90083902	34662886	387930 European	
GCST90095188	35116054	801 East Asian	55745 East Asian
GCST90134549	35841873	64268 European	