



**Figure S1** Study design overview. SNP, single-nucleotide polymorphism.

**Table S1** The causal association between benign prostate hyperplasia and prostate cancer estimated by each single instrumental variable

SNP	Beta	SE	P	OR	OR_lci95	OR_uci95
rs10503728	0.0138	0.0070	0.049	1.0139	1.0001	1.0280
rs10740998	0.0257	0.0061	<0.001	1.0260	1.0138	1.0384
rs17101982	0.0297	0.0092	0.001	1.0302	1.0117	1.0490
rs6738440	0.0060	0.0067	0.37	1.0060	0.9928	1.0193

OR, odds ratio; lci, lower confidence interval; uci, upper confidence interval; SE, standard error; SNP, single nucleotide polymorphism.