

Supplementary Table SI. Details of the GWASs in the Mendelian randomization

Trait	GWAS ID	Sample size (case/control)	Number of SNPs
testosterone measurement	GCST90012114	425,097	16,578,495
sex hormone-binding globulin measurement	GCST90012111	370,125	16,582,965
estradiol measurement	GCST90020091	147,690	7,871,717
Estrogen receptor	prot-a-991	3,301	10,534,735
Estrogen sulfotransferase	prot-a-2892	3,301	10,534,735
Breast cancer anti-estrogen resistance protein 3	prot-a-234	3,301	10,534,735
Oral cavity cancer	ieu-b-94	4,151 (1,223 cases/2,928 controls)	7,510,833