

S18 Table: Instrumental variables of fasting insulin. SNP is the rsID of genetic variants; A1 is the effect allele; A2 is the other allele; beta is the effect size of A1 on the exposure; se is the standard error of beta; pval is the p value of beta; F is the F statistics.

SNP	A1	A2	beta	se	pval	F
rs11127048	G	A	0.034	0.005	6.87E-11	42.55
rs1167834	A	G	0.032	0.005	1.84E-10	40.63
rs2169387	A	G	-0.050	0.008	4.99E-11	43.18
rs28567725	T	C	0.035	0.005	5.71E-12	47.43
rs7985878	C	T	-0.027	0.005	4.88E-08	29.76