

Supplementary Table 2. Power comparison between meta-analysis of LMM and LM

Chr	SNP	Locus	A	LMM			LM			ANNOVAR
				Effect	SE	P value	Effect	SE	P value	
2	rs78529720	169777297	T/C	1.023	0.107	2.90×10^{-16}	1.012	0.100	1.10×10^{-14}	<i>G6PC2, ABCB11</i> (intergenic)
2	rs895636	45188353	C/T	0.712	0.103	2.00×10^{-8}	0.794	0.105	1.19×10^{-9}	<i>SIX3, SIX2</i> (intergenic)
7	rs2971670	44226101	C/T	1.375	0.128	8.34×10^{-20}	1.108	0.132	9.16×10^{-13}	<i>GCK</i> (intronic)
11	rs12222793	92667047	A/G	0.686	0.099	4.30×10^{-10}	0.643	0.102	3.32×10^{-8}	<i>FAT3, MTNR1B</i> (intergenic)

Chr, chromosome; SNP, single nucleotide polymorphism; A, reference/alternative allele; LMM, linear mixed model; LM, linear model; SE, standard error; ANNOVAR, ANNOtate VARIation.