

Electronic supplementary material

ESM Table 4 Tests of the independent effect of each SNP in *KCNQ1*

SNP ^a	<i>p</i> value ^{b,c}	<i>p</i> value ^{c,d}	<i>p</i> value ^{c,e}
rs2237897			
rs2237897	2.0×10 ⁻⁶	—	—
rs2237892	1.1×10 ⁻⁴	0.067	0.0011
rs2237895	7.8×10 ⁻⁵	0.976	0.0049

^aThe reference genotype and those associated with type 2 diabetes at each SNP were determined on the basis of the best-fitting model after testing associations of a series of genetic models with type 2 diabetes

^bWithout rs2237897 in the logistic analysis using the additive model

^c*p* values of rs2237897 calculated using the Wald test, adjusted for age, sex, log_e BMI, rs2237892 or rs2237895

^dWith rs2237897 in the logistic analysis using the additive model

^e*p* value of conditioner rs2237897 in the logistic analysis