

ESM Table 6. Logistic regression results of T2D with the selected top SNPs adjusted for the first principle component in stage 1.

SNP	Chr	Nearest gene(s)	Risk/ Non-risk allele	HK1 (99 T2D vs 99 controls)		HK2 (388 T2D vs 659 controls)		SHGWA (197 T2D vs 197 controls)		Combined		
				OR (95% CI)	$P_{adjusted}$	OR (95% CI)	$P_{adjusted}$	OR (95% CI)	$P_{adjusted}$	OR (95% CI)	P_{meta} (uncorrect)	P_{het}
rs10229583	7	<i>PAX4</i>	G/A	1.41 (0.8, 2.48)	0.236	1.55 (1.13, 2.13)	0.0061	1.91 (1.31, 2.78)	7.9×10^{-4}	1.64 (1.31, 2.05)	1.3×10^{-5}	0.5996
rs2737250	8	<i>TRPS1</i>	A/G	1.47 (0.96, 2.26)	0.0775	1.4 (1.1, 1.78)	0.006	1.65 (1.23, 2.21)	8.4×10^{-4}	1.49 (1.26, 1.77)	4.5×10^{-6}	0.6965
rs2721960	8	<i>TRPS1</i>	G/A	1.56 (0.96, 2.54)	0.0711	1.64 (1.25, 2.16)	3.3×10^{-4}	1.65 (1.19, 2.28)	0.0027	1.63 (1.35, 1.98)	6.0×10^{-7}	0.9808
rs3858158	10	<i>COL13A1</i>	T/C	1.65 (1.03, 2.65)	0.0389	1.72 (1.33, 2.21)	3.0×10^{-5}	1.32 (0.97, 1.81)	0.0762	1.56 (1.3, 1.87)	1.8×10^{-6}	0.4195
rs2395272	10	<i>COL13A1</i>	G/A	1.58 (1.01, 2.49)	0.0462	1.68 (1.31, 2.14)	3.1×10^{-5}	1.3 (0.96, 1.75)	0.0864	1.53 (1.28, 1.82)	2.9×10^{-6}	0.4337
rs57703465	10	<i>COL13A1</i>	G/A	1.68 (0.91, 3.08)	0.0955	1.95 (1.41, 2.71)	6.2×10^{-5}	1.44 (0.94, 2.23)	0.0972	1.74 (1.37, 2.2)	5.7×10^{-6}	0.5372
rs11065453	12	<i>P2RX7</i>	C/T	1.43 (0.84, 2.44)	0.1906	1.61 (1.23, 2.11)	5.5×10^{-4}	1.64 (1.17, 2.3)	0.0038	1.59 (1.31, 1.94)	3.1×10^{-6}	0.9082
rs10849851	12	<i>P2RX7</i>	A/G	1.56 (0.93, 2.62)	0.0906	1.64 (1.25, 2.14)	3.1×10^{-4}	1.45 (1.04, 2.02)	0.0266	1.56 (1.28, 1.9)	7.6×10^{-6}	0.8538
rs684201	12	<i>P2RX7</i>	G/A	1.5 (0.89, 2.54)	0.1314	1.52 (1.17, 1.98)	0.002	1.63 (1.17, 2.27)	0.0043	1.55 (1.28, 1.88)	6.5×10^{-6}	0.9396