

Supplemental Table 6. All possible 1st order multiplicative interactions between the 7 SNPs with independent effects on disease risk.

Statistical significance is assessed using a Bonferroni-corrected threshold, $\alpha 0.05/21=2.4 \times 10^{-3}$.

All cohorts: N = 10,755

p-value beta	rs6677604 (A)	rs9275224 (A)	rs2856717 (T)	rs9275596 (C)	rs9357155 (A)	rs1883414 (T)	rs2412971 (A)
rs6677604 (A)		0.80 (NS)	0.08 (NS)	0.13 (NS)	0.62 (NS)	0.89 (NS)	2.5×10^{-4} ***
rs9275224 (A)	0.01		0.26 (NS)	0.27 (NS)	0.52 (NS)	0.40 (NS)	0.27 (NS)
rs2856717 (T)	0.11	0.06		0.36 (NS)	0.90 (NS)	0.01 (NS)	0.02 (NS)
rs9275596 (C)	0.10	0.06	0.05		0.56 (NS)	0.01 (NS)	0.02 (NS)
rs9357155 (A)	0.04	0.04	0.01	-0.04		0.25 (NS)	0.09 (NS)
rs1883414 (T)	-0.01	0.04	0.13	0.14	0.07		0.01 (NS)
rs2412971 (A)	0.21	0.04	0.10	0.11	0.10	0.12	

European Cohorts: N=5,938

p-value beta	rs6677604 (A)	rs9275224 (A)	rs2856717 (T)	rs9275596 (C)	rs9357155 (A)	rs1883414 (T)	rs2412971 (A)
rs6677604 (A)		0.36 (NS)	0.16 (NS)	0.48 (NS)	0.55 (NS)	0.30 (NS)	1.4×10^{-3} ***
rs9275224 (A)	0.06		0.77 (NS)	0.96 (NS)	0.74 (NS)	0.37 (NS)	0.10 (NS)
rs2856717 (T)	0.10	0.02		0.98 (NS)	0.98 (NS)	0.07 (NS)	0.16 (NS)
rs9275596 (C)	0.05	0.00	0.00		0.59 (NS)	0.12 (NS)	0.39 (NS)
rs9357155 (A)	0.06	0.03	0.00	-0.05		0.19 (NS)	0.04 (NS)
rs1883414 (T)	-0.08	0.05	0.11	0.10	0.12		0.06 (NS)
rs2412971 (A)	0.22	0.09	0.08	0.05	0.17	0.11	

Asian Cohorts: N=4,723

p-value beta	rs6677604 (A)	rs9275224 (A)	rs2856717 (T)	rs9275596 (C)	rs9357155 (A)	rs1883414 (T)	rs2412971 (A)
rs6677604 (A)		0.15 (NS)	0.71 (NS)	0.96 (NS)	0.23 (NS)	0.72 (NS)	0.60 (NS)
rs9275224 (A)	-0.20		0.34 (NS)	0.31 (NS)	0.91 (NS)	0.58 (NS)	0.47 (NS)
rs2856717 (T)	-0.06	0.09		0.75 (NS)	0.78 (NS)	0.24 (NS)	0.54 (NS)
rs9275596 (C)	-0.01	0.10	0.04		0.90 (NS)	0.07 (NS)	0.29 (NS)
rs9357155 (A)	-0.23	0.01	-0.03	-0.01		0.96 (NS)	0.61 (NS)
rs1883414 (T)	0.06	-0.04	0.10	0.16	0.01		0.31 (NS)
rs2412971 (A)	0.07	-0.05	0.05	0.09	-0.04	0.08	