

**Supplementary table 4: Results from Pima family-based association analyses (Online).**

rs#	Alleles (1,2)	Number typed	Test of association adjusting for family structure		Test of within family association		Frequencies of allele 1 within families	
			p*	OR (95% CI) for allele 1	p†	OR (95% CI) for allele 1	affected†	unaffected†
836	C,T	1118	0.98	1.01 (0.71-1.43)	0.25	1.41 (0.78-2.58)	0.67	0.65
790055	A,G							
2481080	C,T	1121	0.91	0.98 (0.70-1.37)	0.42	1.27 (0.71-2.26)	0.67	0.66
2988726	A,G	1118	0.71	1.07 (0.75-1.54)	0.32	1.37 (0.74-2.53)	0.68	0.64
2251597	C,G	1118	1.00	1.00 (0.70-1.42)	0.26	0.71 (0.39-1.29)	0.33	0.35
2481084	C,T	1120	0.52	1.12 (0.80-1.57)	0.10	0.65 (0.38-1.09)	0.35	0.33
7546890	A,G	1116	0.84	0.97 (0.70-1.34)	0.56	1.15 (0.71-1.86)	0.51	0.50
11799478	C,T	1118	0.96	0.99 (0.70-1.41)	0.26	0.71 (0.39-1.29)	0.33	0.35
4339888	C,G	1118	0.93	0.99 (0.69-1.40)	0.26	0.70 (0.38-1.30)	0.33	0.35
3766383	G,T	1118	0.96	0.99 (0.71-1.38)	0.93	0.98 (0.57-1.67)	0.49	0.51
3737787	A,G	1118	0.96	1.01 (0.71-1.43)	0.22	0.68 (0.37-1.26)	0.33	0.35
2516840	C,T	1118	0.61	1.13 (0.71-1.81)	0.14	0.53 (0.23-1.22)	0.84	0.83
2073656	C,G	1120	0.60	0.91 (0.64-1.29)	0.18	1.50 (0.83-2.70)	0.68	0.68
2073653	A,G	1118	0.75	0.95 (0.68-1.32)	0.93	0.97 (0.57-1.66)	0.49	0.52
2516839	A,G	1118	0.87	1.03 (0.72-1.47)	0.22	0.68 (0.37-1.26)	0.34	0.35
2516838	C,G	1118	-		-		0.99	1.00
1556259	C,T	1120	1.00	1.00 (0.73-1.37)	0.97	1.01 (0.61-1.66)	0.50	0.50
2774279	A,G	1121	0.65	1.67 (0.19-14.95)	1.00	1.01 (0.02-35.62)	0.01	<0.01
3813610	C,G	1115	0.73	1.06 (0.75-1.51)	0.31	0.73 (0.40-1.34)	0.34	0.34
7516231	A,T	1118	0.10	0.73 (0.51-1.06)	0.96	1.01 (0.58-1.77)	0.58	0.67

\*These analyses were performed with the method of generalized estimating equations to control for family membership. The odds ratio and 95 % confidence limits were calculated with a logistic model for a difference of 1 in the number of "1" alleles. †These within-family analyses use the method of Abecasis et al [37] to partition the association into between and within family components. Frequencies of allele 1 in affected and unaffected individuals within families are also presented