

Suppl Table I. Hardy-Weinberg equilibrium

Chr	SNP	Sample	Minor Allele	Major Allele	Genotype counts	Observed heterozygosity	Expected heterozygosity	P-value
12	rs1544410	All	A	G	182/427/353	0.4439	0.4842	0.0095
12	rs1544410	Cases	A	G	40/99/75	0.4626	0.4866	0.4835
12	rs1544410	Controls	A	G	142/328/278	0.4385	0.4835	0.0125
12	rs11568820	All	T	C	60/355/539	0.3721	0.3739	0.8628
12	rs11568820	Cases	T	C	17/80/117	0.3738	0.3908	0.4896
12	rs11568820	Controls	T	C	43/275/422	0.3716	0.3688	0.9206
12	rs2228570	All	A	G	153/399/402	0.4182	0.4659	0.0017
12	rs2228570	Cases	A	G	26/103/85	0.4813	0.4620	0.6569
12	rs2228570	Controls	A	G	127/296/317	0.4000	0.4670	0.0001
12	rs7975232	All	C	A	219/467/272	0.4875	0.4985	0.5168
12	rs7975232	Cases	C	A	49/99/66	0.4626	0.4968	0.3358
12	rs7975232	Controls	C	A	170/368/206	0.4946	0.4988	0.8256
12	rs731236	All	G	A	157/458/355	0.4722	0.4792	0.6396
12	rs731236	Cases	G	A	38/97/79	0.4533	0.4816	0.3959
12	rs731236	Controls	G	A	119/361/276	0.4775	0.4784	1

Chr – chromosome