S1 Table: Genotyped SNPs and Hardy-Weinberg equilibrium test

SNP	Position	HWE test P value
rs4810424	Promoter 2	0.1655
rs1884613	Promoter 2	0.6920
rs1884614	Promoter 2	**no rare homozygote****
rs6031543	Promoter 2	0.9245
rs2144908	Intron 1A-1D	0.2945
rs6031550	Intron 1A	0.6862
rs6031551	Intron 1A	0.5303
rs6031552	Intron 1A	1.0000
rs6130716	Intron 1A	0.0720
rs6031558	Intron 1A	0.1798
rs6130608	Promoter 1	0.5189
rs2425637	Promoter 1	0.4675
rs2425639	Promoter 1	0.9232
rs3212172	Promoter 1	1.0000
rs1800963	Promoter 1	0.1923
rs2071197	Promoter 1	0.8835
rs736824	Intron 1	0.6889
rs745975	Intron 1	0.7714
rs3212183	Intron 2	0.1299
rs1885088	Intron 3	0.2085
rs1800961	Exon 4	1.0000
rs3212195	Intron 4	0.8727
rs3212198	Intron 4	**0.0126***
rs3818247	Intron 9	**0.0032***

HWE, Hardy-Weinberg equilibrium. *SNPs with a significant HWE test were excluded for further analyses. **SNP with no rare homozygote was excluded for association analyses.