

**Supplementary Table 4: Hardy-Weinberg Equilibrium Expectation Test in Control Samples**

Population	rs2004640	rs2280714
	P <sup>a</sup>	P
Argentina	0.59	0.76
Spain	0.95	0.20
Sweden	0.54	0.63
USA	0.73	0.68

<sup>a</sup> P value for deviation from genotype frequencies predicted under Hardy-Weinberg Equilibrium expectations