

SNP	Chr	N	A1	β	P	Rank	Genes (within 10kb)	Genes (within 100kb)
rs7592938	2	85	G	-3.74	1.25E-05	14	<i>CTNNA2</i>	
rs4676890	3	98	A	2.48	8.91E-06	7		
rs164819	5	98	A	-2.25	1.01E-05	10		<i>TBCA</i>
rs2569340	5	98	A	-2.81	7.62E-06	6	<i>PHF15</i>	<i>SAR1B</i>
rs2589403	5	85	A	-2.99	1.23E-05	13	<i>PHF15</i>	<i>SAR1B,SEC24A</i>
rs7822400	8	98	A	-2.62	5.34E-06	2	<i>XKR6</i>	
rs6985930	8	94	G	-2.83	1.11E-05	11	<i>OXR1</i>	
rs10109202	8	98	A	-2.54	1.27E-05	18		
rs4876526	8	98	A	-2.54	1.27E-05	18		
rs4876528	8	98	A	-2.54	1.27E-05	18		
rs2123385	8	94	A	-2.54	8.97E-06	8		
rs10106553	8	98	G	-2.54	1.27E-05	18		
rs1452757	8	98	G	-2.78	6.92E-06	4.5		
rs4876314	8	98	A	-2.54	1.27E-05	18		
rs10086147	8	98	A	-2.78	6.92E-06	4.5		
rs902991	10	98	G	2.51	4.36E-06	1	<i>NEURL</i>	<i>SH3PXD2A</i>
rs3781366	10	95	A	2.32	1.18E-05	12	<i>NEURL,SH3PXD2A</i>	
rs12413931	10	98	A	-3.05	6.24E-06	3	<i>SH3PXD2A</i>	<i>NEURL</i>
rs7102442	11	90	A	2.21	1.01E-05	9		
rs4784651	16	98	A	-2.37	1.26E-05	15	<i>GNAO1</i>	<i>DKFZP434H168,AMFR,LOC283856</i>

Only SNPs with MAF <10% and imputation accuracy > 0.9 were tested. Age, sex, BMI (body mass index) and altitude were used as covariates.