

SNP	Chr	N	A1	β	P	Rank	Genes (within 10kb)	Genes (within 100kb)
rs9557	1	48	G	-4.491	3.73E-06	4	<i>MANIA2</i>	<i>FAM46C</i>
rs36235	3	58	A	-3.698	3.97E-06	5	<i>PRICKLE2</i>	<i>PSMD6</i>
rs7650033	3	58	A	-4.654	2.79E-06	2		<i>SUCLG2</i>
rs1173228	5	63	A	-3.468	9.35E-06	11		
rs1392411	5	63	G	-3.987	1.04E-05	12		
rs164819	5	63	A	-3.43	1.30E-05	17		<i>TBCA</i>
rs2569340	5	63	A	-3.676	1.17E-05	13	<i>PHF15</i>	<i>SAR1B</i>
rs4580847	6	55	A	-4.749	2.26E-06	1		<i>LRFN2</i>
rs11786531	8	61	G	-4.29	9.30E-06	10		<i>IMPAD1</i>
rs9297382	8	59	G	-3.395	8.17E-06	8	<i>OXR1</i>	
rs6985930	8	60	G	-4.439	2.87E-06	3	<i>OXR1</i>	
rs2123385	8	59	A	-3.535	1.31E-05	18		
rs1452757	8	63	G	-3.647	1.17E-05	14.5		
rs10086147	8	63	A	-3.647	1.17E-05	14.5		
rs7067934	10	63	A	-5.298	5.60E-06	6	<i>SH2D4B</i>	<i>TSPAN14</i>
rs613587	11	63	G	-4.361	8.90E-06	9	<i>FLII</i>	<i>KCNJ1</i>
rs4150282	13	62	A	3.598	1.33E-05	20	<i>ERCC5</i>	<i>C13orf27,LOC121952,BIVM,KDELC1</i>
rs904864	15	63	G	-4.063	6.55E-06	7		<i>NOX5,TMEM84,GLCE</i>
rs1345856	16	48	A	-4.063	1.31E-05	19		
rs6075602	20	63	G	-3.775	1.20E-05	16	<i>RIN2</i>	<i>NAT5,CRNKL1,C20orf26</i>

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