

SNP	Chr	N	A1	β	P	Rank	Genes (within 10kb)	Genes (within 100kb)
rs12119834	1	85	A	0.98	1.39E-05	11	<i>PCTK3</i>	<i>ELK4,MFSD4,LOC284578,LEMD1</i>
rs10510829	3	85	G	1.22	1.78E-05	14	<i>FHIT</i>	
rs11711620	3	85	G	1.31	1.09E-06	1	<i>ZBTB20</i>	
rs1506792	4	82	A	1.06	1.11E-05	9		
rs1506791	4	73	A	1.21	1.01E-05	8		
rs4146409	4	85	A	-0.92	2.54E-06	2		
rs11944671	4	85	A	-0.92	8.30E-06	5		
rs1363073	5	85	A	1.12	1.54E-05	12		
rs13195572	6	85	G	1.16	2.45E-05	19.5		<i>C6orf138</i>
rs13198330	6	85	G	1.16	2.45E-05	19.5		<i>C6orf138</i>
rs11992396	8	80	A	1.09	1.79E-05	16	<i>PSD3</i>	
rs1447293	8	85	A	0.90	8.77E-06	6	<i>LOC727677</i>	<i>POU5F1P1</i>
rs11142705	9	85	A	0.89	1.25E-05	10	<i>TRPM3</i>	
rs12351692	9	77	A	1.35	9.03E-06	7	<i>CORO2A,TRIM14</i>	<i>TBC1D2,NANS</i>
rs10788462	10	85	A	1.25	1.91E-05	17	<i>GRID1</i>	
rs2928011	10	84	A	1.17	1.78E-05	15	<i>GRID1</i>	
rs7919376	10	84	A	1.24	2.38E-05	18	<i>GRID1</i>	
rs4757615	11	84	A	-0.84	7.40E-06	3	<i>SAALI</i>	<i>MRGPRX4,TPH1,SERGEF,MRGPRX3,SAA3P</i>
rs734309	16	84	A	-0.85	1.60E-05	13	<i>GPT2</i>	<i>LOC388272,DNAJA2</i>
rs6089316	20	80	A	0.82	8.30E-06	4	<i>TAF4</i>	<i>PSMA7,SS18L1,LSM14B</i>

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