

SNP	Chr	N	A1	β	P	Rank	Genes (within 10kb)	Genes (within 100kb)
rs16854020	4	92	A	-0.76	2.54E-06	1	<i>CCDC4</i>	<i>SLC30A9</i>
rs13125215	4	94	A	-0.66	2.63E-05	18		
rs4897037	6	86	G	-0.82	1.71E-05	10		<i>UST</i>
rs9329248	8	92	A	0.86	1.61E-05	9	<i>GATA4, NEIL2</i>	<i>FDFT1, CTSB</i>
rs7829680	8	79	G	-0.83	6.02E-06	2		
rs643273	11	86	A	1.12	1.20E-05	5		<i>PLAC1L, MS4A2, MS4A3</i>
rs2730985	12	92	A	-0.73	2.38E-05	14		
rs9315776	13	94	A	-0.73	2.40E-05	16	<i>LOC646982</i>	<i>LOC646982, FOXO1</i>
rs7494316	14	94	A	-0.68	2.46E-05	17	<i>AKAP6</i>	
rs514438	15	92	G	-0.85	1.47E-05	7	<i>LCMT2, ADAL</i>	<i>TUBGCP4, TP53BP1, ZSCAN29, TGM7, TGM5</i>
rs12911740	15	89	A	-0.84	2.65E-05	19.5	<i>TP53BP1</i>	<i>HISPPD2A, MAP1A, CKMT1B, TUBGCP4</i>
rs7177146	15	89	G	-0.84	2.65E-05	19.5	<i>TP53BP1</i>	<i>HISPPD2A, CKMT1B, STRC, MAP1A</i>
rs6493090	15	92	A	-0.89	1.40E-05	6	<i>HYPK, SERINC4, SERF2, ELL3</i>	<i>hCG_1789710, PDIA3, WDR76, FRMD5, CATSPER2P1, MFAP1, CKMT1A</i>
rs678084	15	94	A	-0.86	1.99E-05	11	<i>MFAP1, WDR76</i>	<i>FRMD5, CATSPER2P1, SERF2, PDIA3, hCG_1789710, SERINC4, HYPK, ELL3</i>
rs7174241	15	86	A	-0.85	2.30E-05	13	<i>WDR76</i>	<i>HYPK, CATSPER2P1, SERF2, ELL3, PDIA3, SERINC4, FRMD5, MFAP1, hCG_1789710</i>
rs495880	15	82	G	-0.89	2.39E-05	15	<i>WDR76</i>	<i>SERF2, ELL3, FRMD5, hCG_1789710, SERINC4, HYPK, MFAP1, PDIA3</i>
rs16962916	16	80	A	0.78	1.06E-05	4		
rs2298503	18	94	A	0.82	1.48E-05	8	<i>RAB31</i>	
rs1505267	21	83	G	0.70	2.23E-05	12	<i>CHODL</i>	

Only SNPs with MAF <10% and imputation accuracy > 0.9 were tested. In addition to age, sex and BMI (body mass index), collection year was also used as covariate.