

Supplementary Table 2. List of SNPs reported by the GWAS catalog

SNP	Chr	Position (bp)	GENE	Risk allele	Area	Sub-group
rs9939609	16	53786615	<i>FTO</i>	A	Korea	Korean
rs347313	1	162334486	<i>NOS1AP</i>	G	Asia	East Asian
rs6545814	2	24908447	<i>ADCY3, DNAJC27</i>	G	Asia	East Asian
rs3096490	4	109057975	<i>COL25A1</i>	G	Asia	East Asian
rs259067	5	79803175	<i>CMYA5</i>	A	Asia	East Asian
rs6893807	5	88669203	<i>LINC00461</i>	G	Asia	East Asian
rs1161397	6	50628740	<i>DEFB112, TFAP2D</i>	A	Asia	East Asian
rs6560749	10	1634336	<i>ADARB2</i>	T	Asia	South Asian
rs10904363	10	4878221	<i>AKR1CL2</i>	-	Asia	East Asian
rs11191580	10	103146454	<i>NT5C2</i>	C	Asia	East Asian
rs11030104	11	27662970	<i>BDNF</i>	A	Asia	East Asian
rs652722	11	31883988	<i>PAX6</i>	C	Asia	East Asian
rs2373011	12	99567571	<i>ANKS1B</i>	C	Asia	South Asian
rs12229654	12	110976657	<i>MYL2</i>	T	Asia	East Asian
rs4432245	15	40032280	<i>EIF2AK4</i>	C	Asia	East Asian
rs12597579	16	20246545	<i>GP2</i>	C	Asia	East Asian
rs2336030	1	11676543	<i>MAD2L2</i>	C	Other	European
rs10158481	1	25171301	<i>SYF2</i>	T	Other	European
rs4568876	1	31686917	<i>COL16A1</i>	T	Other	European
rs17102247	1	46523800	<i>DMBX1, MKNK1_ASI</i>	C	Other	European
rs1514175	1	74525960	<i>TNNI3K</i>	A	Other	European
rs6695572	1	77479950	<i>AK5</i>	A	Other	European
rs10493773	1	85660070	<i>ZNHIT6, COL24A1</i>	G	Other	European
rs10747472	1	95810642	<i>FLJ31662</i>	C	Other	European
rs1555543	1	96479241	<i>PTBP2</i>	C	Other	European
rs199950	1	181621722	<i>CACNA1E</i>	G	Other	European
rs2785980	1	219527177	<i>LYPLAL1</i>	-	Other	European
rs939583	2	622531	<i>TMEM18</i>	C	Other	European
rs2903492	2	624678	<i>TMEM18</i>	A	Other	European
rs6548238	2	634905	<i>TMEM18</i>	C	Other	European
rs10495537	2	6554387	<i>LOC129607</i>	T	Other	European
rs16984718	2	18327988	<i>KCNK3, RDH14</i>	G	Other	European
rs11126666	2	26705943	<i>KCNK3</i>	A	Other	European
rs780094	2	27518370	<i>GCKR</i>	-	Other	European
rs3736594	2	27772914	<i>MRPL33</i>	-	Other	European
rs1979755	2	42481265	<i>KCNG3</i>	C	Other	European
rs4566392	2	79279517	<i>REG3A</i>	A	Other	European
rs12623360	2	116071825	<i>DPP10, DDX18</i>	C	Other	European
rs7599312	2	212548507	<i>ERBB4</i>	G	Other	European
rs2943634	2	226203364	<i>IRS1</i>	-	Other	European
rs17216035	3	6439938	<i>GRM7</i>	A	Other	European
rs11709077	3	12295008	<i>PPARG</i>	A	Other	European
rs1801282	3	12351626	<i>PPARG</i>	-	Other	European
rs6810295	3	31926475	-	-	Other	African-American and Hispanic
rs1024889	3	70414179	-	G	Other	European
rs4402960	3	185793899	<i>IG2BP2</i>	T	Other	-
rs1470579	3	185811292	<i>IGF2BP2</i>	-	Other	European
rs348495	4	45182425	<i>GNPDA2</i>	G	Other	Hispanic
rs17001654	4	76208415	<i>SCARB2</i>	G	Other	European
rs2391518	4	129895905	<i>C4orf33</i>	T	Other	European
rs4691380	4	156798972	<i>PDGFC</i>	-	Other	European

rs17668565	5	92818872	intergenic	G	Other	Hispanic
rs7713317	5	96381018	<i>PCSK1</i>	G	Other	European
rs6864049	5	124994829	<i>ZNF608</i>	G	Other	European
rs17524553	5	147081128	<i>PPP2R2B</i>	T	Other	European
rs244731	5	177112678	<i>NSD1, PREL1D1, RAB34</i>	G	Other	European
rs12517906	5	180743819	-	G	Other	European
rs4246076	6	6592816	<i>LY86</i>	G	Other	European
rs16890640	6	25469103	<i>LRRC16</i>	T	Other	European
rs1165196	6	25812922	<i>SLC17A1, SLC17A4</i>	G	Other	European
rs3916765	6	32717773	<i>HLA-DQA2</i>	A	Other	-
rs943466	6	33764010	<i>LEMD2</i>	G	Other	European
rs4646949	6	34877672	<i>UHRF1BP1</i>	-	Other	European
rs9357506	6	46367432	<i>RCAN2</i>	G	Other	European
rs6934970	6	112803099	<i>LOC100287612, MARCKS</i>	-	Other	European
rs2275215	6	129540247	<i>LAMA2</i>	T	Other	European
rs6569648	6	130027974	<i>L3MBTL3</i>	C	Other	European
rs9495528	6	139577721	<i>CITED2, LOC100132735</i>	C	Other	European
rs12538804	7	7654288	<i>RPA3</i>	G	Other	European
rs2529049	7	24679987	<i>MPP6, DFNA5</i>	G	Other	European
rs10499694	7	50546475	<i>DDC</i>	A	Other	European
rs1106683	7	131768766	intergenic	-	Other	European
rs1106684	7	131768906	intergenic	-	Other	European
rs929354	7	157252863	<i>UBE3C</i>	T	Other	European
rs11997175	8	33912552	<i>DUSP26</i>	C	Other	European
rs13273088	8	69581739	<i>SULF1</i>	-	Other	European
rs3115775	8	117695487	<i>MED30, EXT1</i>	C	Other	European
rs7830341	8	127097685	<i>PCAT1</i>	G	Other	European
rs10811661	9	22134095	<i>CDKN2B</i>	-	Other	European
rs7864204	9	68614263	<i>LOC347097, PIP5K1B</i>	A	Other	African-American
rs6477694	9	109170062	<i>EPB41L4B</i>	C	Other	European
rs17806457	9	110129355	-	-	Other	African-American and Hispanic
rs1928295	9	117616205	<i>TLR4</i>	T	Other	European
rs11259403	10	6530263	<i>PRKCCQ</i>	C	Other	European
rs7920888	10	89058620	<i>FAS</i>	A	Other	Hispanic
rs5015480	10	92705802	<i>HHEX</i>	C	Other	-
rs17094222	10	100635683	<i>HIF1AN</i>	C	Other	European
rs11191560	10	103109281	<i>NT5C2</i>	C	Other	European
rs12772424	10	113120792	<i>TCF7L2</i>	-	Other	European
rs941853	10	114439416	<i>ABLIM1</i>	A	Other	Hispanic
rs751008	10	127344153	<i>DOCK1</i>	A	Other	European
rs11041816	11	8222251	<i>LMO1</i>	-	Other	European
rs10769908	11	8462542	<i>STK33</i>	C	Other	European
rs9633835	11	13324046	<i>ARNTL</i>	G	Other	European
rs297325	11	16368048	<i>SOX6</i>	C	Other	European
rs7481311	11	27561582	<i>BDNF</i>	T	Other	European
rs6265	11	27658369	<i>BDNF</i>	G	Other	European
rs10742752	11	45416824	<i>SYT13</i>	C	Other	European
rs3817334	11	47629441	<i>MTCH2, NDUFS3, CUGBP1</i>	T	Other	European
rs1459104	11	55545057	<i>OR4C15</i>	A	Other	European
rs10897518	11	64593233	<i>SLC22A12, NRXN2</i>	C	Other	European
rs321358	11	111125247	<i>C11orf53</i>	G	Other	European
rs12286929	11	115151684	<i>CADM1</i>	G	Other	European
rs11611246	12	830314	<i>WNK1</i>	T	Other	European
rs12300553	12	15228276	<i>RERG</i>	G	Other	European

rs7138803	12	49853685	<i>BCDIN3D, FAIM2</i>	A	Other	European
rs2198776	12	61841052	<i>FAM19A2</i>	A	Other	Hispanic
rs1502337	12	110625047	<i>TCTN1</i>	T	Other	European
rs4304868	12	117732104	<i>KSR2</i>	A	Other	European
rs1043607	12	125658800	<i>TMEM132B</i>	-	Other	European
rs9552416	13	18737101	<i>TUBA3C</i>	-	Other	European
rs7324557	13	23722723	<i>TNFRSF19, MIPEP</i>	G	Other	European
rs9507983	13	28045899	<i>FLT3</i>	C	Other	European
rs2555603	13	33224125	<i>STARD13, RP11-81F11.3</i>	C	Other	European
rs9563576	13	58096013	<i>PCDH17</i>	C	Other	European
rs1335587	13	101493209	<i>ITGBL1</i>	G	Other	Hispanic
rs10136789	14	62889535	<i>KCNH5</i>	-	Other	European
rs7141420	14	79433111	<i>NRXN3</i>	T	Other	European
rs12324805	15	82059859	<i>RKHD3</i>	C	Other	European
rs17541406	15	93346230	<i>MCTP2, SEPHS1P2</i>	-	Other	European
rs9940128	16	53766842	<i>FTO</i>	A	Other	European
rs1121980	16	53775335	<i>FTO</i>	-	Other	European
rs8050136	16	53782363	<i>FTO</i>	A	Other	European
rs9930506	16	53796553	<i>FTO</i>	A	Other	European
rs4144743	17	47245759	<i>ITGB3</i>	C	Other	European
rs4969049	17	73004801	<i>SLC39A11</i>	C	Other	African-American
rs10502431	18	22436012	<i>CTAGE1</i>	C	Other	European
rs11876941	18	53379661	<i>DCC</i>	A	Other	African-American
rs7234864	18	60067625	<i>MC4R, PMAIP1</i>	T	Other	European
rs17782313	18	60183864	<i>MC4R</i>	C	Other	European
rs33439	19	30454264	<i>ZNF536</i>	T	Other	European
rs1413020	20	12749395	<i>PA2G4P2, SPTLC3</i>	G	Other	African-American
rs2144134	20	13167505	<i>LOC100130692, SPTLC3</i>	G	Other	African-American
rs2836754	21	38919816	<i>ETS2</i>	C	Other	European
rs914187	21	41247822	<i>BACE2</i>	C	Other	European
rs134871	22	42256710	<i>LOC388906</i>	C	Other	European

SNP, single-nucleotide polymorphism; GWAS, genome-wide association study; Chr, chromosome.