

Association of human height-related genetic variants with familial short stature in Han Chinese in Taiwan

Ying-Ju Lin^{1,2}, Wen-Ling Liao^{3,4}, Chung-Hsing Wang⁵, Li-Ping Tsai⁶, Chih-Hsin Tang⁷, Chien-Hsiun Chen^{2,8}, Jer-Yuarn Wu^{2,8}, Wen-Miin Liang⁹, Ai-Ru Hsieh⁹, Chi-Fung Cheng⁹, Jin-Hua Chen¹⁰, Wen-Kuei Chien¹¹, Ting-Hsu Lin¹, Chia-Ming Wu¹, Chiu-Chu Liao¹, Shao-Mei Huang¹ & Fuu-Jen Tsai^{1,2,5,12,*}

¹Genetic Center, Department of Medical Research, China Medical University Hospital, Taichung, Taiwan.

²School of Chinese Medicine, China Medical University, Taichung, Taiwan. ³Graduate Institute of Integrated Medicine, China Medical University, Taichung, Taiwan. ⁴Center for Personalized Medicine, China Medical University Hospital, Taichung, Taiwan. ⁵Children's Hospital of China Medical University, Taichung, Taiwan.

⁶Department of Pediatrics, Buddhist Tzu Chi General Hospital, Taipei Branch, Taipei, Taiwan. ⁷Graduate Institute of Biomedical Sciences, China Medical University, Taichung, Taiwan. ⁸Institute of Biomedical Sciences, Academia Sinica, Taipei, Taiwan. ⁹Graduate Institute of Biostatistics, School of Public Health, China Medical University, Taichung, Taiwan. ¹⁰Biostatistics Center and School of Public Health, Taipei Medical University, Taipei, Taiwan. ¹¹National Applied Research Laboratories, National Center for High-performance Computing, Hsinchu, Taiwan. ¹²Department of Biotechnology and Bioinformatics, Asia University, Taichung, Taiwan.

Ying-Ju Lin and Wen-Ling Liao contributed equally to this work.

*Correspondence and requests for materials should be addressed to Fuu-Jen Tsai, MD, PhD, Genetic Center, Department of Medical Research, China Medical University Hospital, No. 2, Yuh-Der Road, Taichung, Taiwan. Tel.: +886 4-22052121 ext. 2041; Fax: +886 4-22033295. E-mail: d0704@mail.cmuh.org.tw

Table S1 | Reference for genetic loci identified from GWAS of human height

	rs ID	Gene	Chr.	Position	Reference	Year	PMID number	Population
1	rs425277	<i>PRKCZ</i>	1	2069172	Wood AR et al., 2014	2014	25282103	European
2	rs9434723	<i>H6PD</i>	1	9292282	Wood AR et al., 2014	2014	25282103	European
3	rs10779751	<i>FRAP1</i>	1	11284336	Wood AR et al., 2014	2014	25282103	European
4	rs2284746	<i>MFAP2</i>	1	17306675	He M et al., 2015	2015	25429064	European
5	rs3738814	<i>ATP13A2</i>	1	17331676	He M et al., 2015	2015	25429064	Asian
6	rs12137162	<i>CAPZB</i>	1	19763396	Wood AR et al., 2014	2014	25282103	European
7	rs212524	<i>ECE1</i>	1	21583311	Wood AR et al., 2014	2014	25282103	European
8	rs3767141	<i>HSPG2</i>	1	22216279	Soranzo N et al., 2009	2009	19343178	European
9	rs1014987	<i>WNT4</i>	1	22498824	Wood AR et al., 2014	2014	25282103	European
10	rs2806561	<i>LUZP1</i>	1	23504795	Wood AR et al., 2014	2014	25282103	European
11	rs1738475	<i>HTR1D</i>	1	23536891	Lango Allen H et al., 2010	2010	20881960	European
12	rs4601530	<i>CLIC4</i>	1	25044111	Wood AR et al., 2014	2014	25282103	European
13	rs926438	<i>TMEM57</i>	1	25753638	Chan Y et al., 2015	2015	25865494	Various
14	rs17163588	<i>PDIK1L</i>	1	26450009	Wood AR et al., 2014	2014	25282103	European
15	rs7532866	<i>LIN28</i>	1	26741544	Lango Allen H et al., 2010	2010	20881960	European
16	rs2219320	<i>HMGN2</i>	1	26803430	Wood AR et al., 2014	2014	25282103	European
17	rs12119525	<i>SLC9A1</i>	1	27503662	Wood AR et al., 2014	2014	25282103	European
18	rs209918	<i>COL9A2</i>	1	40777842	Wood AR et al., 2014	2014	25282103	European
19	rs6686842	<i>SCMH1</i>	1	41530871	Weedon MN et al., 2008	2008	18391952	European
20	rs6600365	<i>SCMH1</i>	1	41556253	Wood AR et al., 2014	2014	25282103	European
21	rs2154319	<i>SCMH1</i>	1	41745770	Lango Allen H et al., 2010	2010	20881960	European
22	rs3014219	<i>AKR1A1</i>	1	46024454	Wood AR et al., 2014	2014	25282103	European
23	rs564914	<i>FOXD2</i>	1	47915233	Wood AR et al., 2014	2014	25282103	European
24	rs12855	<i>CDKN2C</i>	1	51440093	Wood AR et al., 2014	2014	25282103	European
25	rs3013749	<i>GLIS1</i>	1	54072759	Cho YS et al., 2009	2009	19396169	Korean

26	rs2815379	<i>SLC35D1</i>	1	67510474	Wood AR et al., 2014	2014	25282103	European
27	rs6699417	<i>PKN2</i>	1	89123443	Lango Allen H et al., 2010	2010	20881960	European
28	rs7551732	<i>PKN2</i>	1	89139041	Wood AR et al., 2014	2014	25282103	European
29	rs12145922	<i>PKN2</i>	1	89146234	Lanktree MB et al., 2011	2011	21194676	European
30	rs17113369	<i>RWDD3</i>	1	95787223	Wood AR et al., 2014	2014	25282103	European
31	rs12047268		1	103473494	Yang J et al., 2012	2012	22426310	European
32	rs7517682	<i>COL11A1</i>	1	103519589	Wood AR et al., 2014	2014	25282103	European
33	rs4338381	<i>COL11A1</i>	1	103572927	He M et al., 2015	2015	25429064	East Asian
34	rs12120956	<i>CAPZA1</i>	1	113202571	Wood AR et al., 2014	2014	25282103	European
35	rs1321666	<i>WDR3</i>	1	118492052	Wood AR et al., 2014	2014	25282103	European
36	rs7513464	<i>SPAG17</i>	1	118849762	He M et al., 2015	2015	25429064	European
37	rs9428104	<i>SPAG17</i>	1	118855587	Wood AR et al., 2014	2014	25282103	European
38	rs17038182		1	118868405	Yang J et al., 2012	2012	22426310	European
39	rs12735613	<i>SPAG17</i>	1	118883973	Weedon MN et al., 2008	2008	18391952	European
40	rs1409156	<i>TBX15</i>	1	119491784	Chan Y et al., 2015	2015	25865494	Various
41	rs12144094	<i>PHGDH</i>	1	120264823	Wood AR et al., 2014	2014	25282103	European
42	rs2120003		1	146690635	Yang J et al., 2012	2012	22426310	European
43	rs6658763	<i>FMO5</i>	1	146692373	Wood AR et al., 2014	2014	25282103	European
44	rs11205277	<i>SV2A</i>	1	149892872	He M et al., 2015	2015	25429064	European
45	rs3767627	<i>OTUD7B</i>	1	149938898	Wood AR et al., 2014	2014	25282103	European
46	rs956796	<i>ANP32E</i>	1	150186091	Chan Y et al., 2015	2015	25865494	Various
47	rs2298265	<i>ZNF687</i>	1	151259043	Wood AR et al., 2014	2014	25282103	European
48	rs12086448		1	160393905	Yang J et al., 2012	2012	22426310	European
49	rs6688100	<i>VANGL2</i>	1	160399586	Wood AR et al., 2014	2014	25282103	European
50	rs4656220	<i>PRRX1</i>	1	170649277	Wood AR et al., 2014	2014	25282103	European
51	rs17346452	<i>DNM3</i>	1	172053287	Lango Allen H et al., 2010	2010	20881960	European
52	rs6694089	<i>DNM3</i>	1	172083881	Wood AR et al., 2014	2014	25282103	European
53	rs12125882	<i>DNM3</i>	1	172141403	Wood AR et al., 2014	2014	25282103	European

54	rs678962	<i>DNM3</i>	1	172189889	Gudbjartsson DF et al., 2008	2008	18391951	European
55	rs12410416	<i>DNM3</i>	1	172193820	He M et al., 2015	2015	25429064	European
56	rs2421992	<i>DNM3</i>	1	172241251	Wood AR et al., 2014	2014	25282103	European
57	rs1325598	<i>PAPPA2</i>	1	176792249	He M et al., 2015	2015	25429064	European
58	rs1325596	<i>PAPPA2</i>	1	176794066	Wood AR et al., 2014	2014	25282103	European
59	rs9425569		1	182942202	Yang J et al., 2012	2012	22426310	European
60	rs4652773	<i>LAMC1</i>	1	183054827	Wood AR et al., 2014	2014	25282103	European
61	rs756199	<i>GLT25D2</i>	1	184002874	Okada Y et al., 2010	2010	20189936	Japanese
62	rs3814333	<i>GLT25D2</i>	1	184007119	Wood AR et al., 2014	2014	25282103	European
63	rs1926872	<i>GLT25D2</i>	1	184018475	He M et al., 2015	2015	25429064	European
64	rs2274432	<i>C1orf19, GLT25D2</i>	1	184020945	Gudbjartsson DF et al., 2008	2008	18391951	European
65	rs1046934	<i>TSEN15</i>	1	184023529	Lango Allen H et al., 2010	2010	20881960	European
66	rs2275325	<i>ZC3H11A</i>	1	203800735	Wood AR et al., 2014	2014	25282103	European
67	rs10863936	<i>DTL</i>	1	212237798	Wood AR et al., 2014	2014	25282103	European
68	rs4472734	<i>PTPN14</i>	1	214618185	He M et al., 2015	2015	25429064	East Asian
69	rs6540834	<i>PTPN14</i>	1	214627419	Wood AR et al., 2014	2014	25282103	European
70	rs1244981	<i>KCNK2</i>	1	215046892	Wood AR et al., 2014	2014	25282103	European
71	rs10495098	<i>TGFB2</i>	1	218516310	Wood AR et al., 2014	2014	25282103	European
72	rs1890995	<i>TGFB2</i>	1	218604678	He M et al., 2015	2015	25429064	European
73	rs6684205	<i>TGFB2</i>	1	218609702	Lango Allen H et al., 2010	2010	20881960	European
74	rs900	<i>TGFB2</i>	1	218614905	Lanktree MB et al., 2011	2011	21194676	European
75	rs991967	<i>TGFB2</i>	1	218615451	Wood AR et al., 2014	2014	25282103	European
76	rs12411277	<i>TGFB2</i>	1	218975475	Wood AR et al., 2014	2014	25282103	European
77	rs11118171	<i>LYPLAL1</i>	1	219047869	Yang J et al., 2012	2012	22426310	European
78	rs4428898	<i>SLC30A10</i>	1	219739966	Wood AR et al., 2014	2014	25282103	European
79	rs11118346	<i>LYPLAL1</i>	1	219743719	Lango Allen H et al., 2010	2010	20881960	European
80	rs1935157	<i>HLX</i>	1	221317258	Wood AR et al., 2014	2014	25282103	European

81	rs6696239	<i>ZNF678</i>	1	227750068	Wood AR et al., 2014	2014	25282103	European
82	rs1390401	<i>ZNF678</i>	1	227797950	Weedon MN et al., 2008	2008	18391952	European
83	rs12081818		1	227820374	Yang J et al., 2012	2012	22426310	European
84	rs10799445	<i>JMJD4</i>	1	227911883	Lango Allen H et al., 2010	2010	20881960	European
85	rs10048625	<i>MYT1L</i>	2	1775648	Wood AR et al., 2014	2014	25282103	European
86	rs3885668	<i>KLF11</i>	2	10178479	Wood AR et al., 2014	2014	25282103	European
87	rs2345835	<i>RDH14</i>	2	18574952	Wood AR et al., 2014	2014	25282103	European
88	rs7601531		2	19967944	Yang J et al., 2012	2012	22426310	European
89	rs13006748	<i>WDR35</i>	2	20151819	Wood AR et al., 2014	2014	25282103	European
90	rs6731333		2	24113354	Yang J et al., 2012	2012	22426310	European
91	rs7561273	<i>LOC388931</i>	2	24247514	Wood AR et al., 2014	2014	25282103	European
92	rs2278483	<i>CENPO</i>	2	25040082	Wood AR et al., 2014	2014	25282103	European
93	rs4665736	<i>RBJ</i>	2	25187599	He M et al., 2015	2015	25429064	European
94	rs1866146	<i>POMC</i>	2	25380573	Lanktree MB et al., 2011	2011	21194676	European
95	rs2289195	<i>DNMT3A</i>	2	25463483	Wood AR et al., 2014	2014	25282103	European
96	rs11694842	<i>DNMT3A</i>	2	25482970	He M et al., 2015	2015	25429064	European
97	rs10460566	<i>DNMT3A</i>	2	25483121	Chan Y et al., 2015	2015	25865494	Various
98	rs780094	<i>GCKR</i>	2	27741237	Wood AR et al., 2014	2014	25282103	European
99	rs6751657	<i>LTBP1</i>	2	33405151	Wood AR et al., 2014	2014	25282103	European
100	rs3769528	<i>LTBP1</i>	2	33471192	He M et al., 2015	2015	25429064	European
101	rs41464348	<i>LTBP1</i>	2	33527299	Kim JJ et al., 2010	2010	19893584	Korean
102	rs3755206	<i>CRIMI</i>	2	36683428	He M et al., 2015	2015	25429064	East Asian
103	rs711245	<i>CRIMI</i>	2	36768875	Wood AR et al., 2014	2014	25282103	European
104	rs6544089	<i>CDC42EP3</i>	2	37758745	Wood AR et al., 2014	2014	25282103	European
105	rs7606245	<i>SLC8A1</i>	2	42018118	He M et al., 2015	2015	25429064	East Asian
106	rs9309101	<i>THADA</i>	2	43629612	Wood AR et al., 2014	2014	25282103	European
107	rs2341459	<i>C2orf34</i>	2	44768202	Lango Allen H et al., 2010	2010	20881960	European
108	rs7596521	<i>SOCS5</i>	2	46918665	Soranzo N et al., 2009	2009	19343178	European
109	rs12474201	<i>SOCS5</i>	2	46921285	Wood AR et al., 2014	2014	25282103	European

110	rs17822294		2	46960004	Yang J et al., 2012	2012	22426310	European
111	rs354196	<i>SPTBN1</i>	2	54966407	Wood AR et al., 2014	2014	25282103	European
112	rs4146922	<i>PNPT1</i>	2	56067182	He M et al., 2015	2015	25429064	European
113	rs1367226	<i>EFEMP1</i>	2	56089540	Chan Y et al., 2015	2015	25865494	Various
114	rs3791679	<i>EFEMP1</i>	2	56096892	Wood AR et al., 2014	2014	25282103	European
115	rs3791675	<i>EFEMP1</i>	2	56111309	He M et al., 2015	2015	25429064	European, East Asian
116	rs1822469	<i>PPP3R1</i>	2	68454685	Lanktree MB et al., 2011	2011	21194676	European
117	rs2120335	<i>PPP3R1</i>	2	68495002	Wood AR et al., 2014	2014	25282103	European
118	rs3771381	<i>ZNF638</i>	2	71560665	He M et al., 2015	2015	25429064	East Asian
119	rs7568069	<i>ZNF638</i>	2	71584485	Wood AR et al., 2014	2014	25282103	European
120	rs867529	<i>EIF2AK3</i>	2	88913273	He M et al., 2015	2015	25429064	European
121	rs11684404	<i>EIF2AK3</i>	2	88924622	Wood AR et al., 2014	2014	25282103	European
122	rs13388725	<i>GCC2</i>	2	109047190	Wood AR et al., 2014	2014	25282103	European
123	rs2166898	<i>GLI2</i>	2	121612659	Wood AR et al., 2014	2014	25282103	European
124	rs7567288	<i>NAP5</i>	2	134434824	Wood AR et al., 2014	2014	25282103	European
125	rs4953951	<i>ZRANB3</i>	2	136187345	Wood AR et al., 2014	2014	25282103	European
126	rs749234	<i>ZEB2</i>	2	145231349	Wood AR et al., 2014	2014	25282103	European
127	rs540652	<i>NOSTRIN</i>	2	169707428	Wood AR et al., 2014	2014	25282103	European
128	rs12987566	<i>METTL8</i>	2	172152646	Wood AR et al., 2014	2014	25282103	European
129	rs6746356	<i>SP3</i>	2	174815898	Wood AR et al., 2014	2014	25282103	European
130	rs7567851	<i>PDE11A</i>	2	178684720	Wood AR et al., 2014	2014	25282103	European
131	rs12693589	<i>STAT1</i>	2	191832662	Wood AR et al., 2014	2014	25282103	European
132	rs6435143	<i>NOP5/NOP58</i>	2	203194256	Wood AR et al., 2014	2014	25282103	European
133	rs4425077	<i>FN1</i>	2	216410516	Wood AR et al., 2014	2014	25282103	European
134	rs12329133	<i>TNPI</i>	2	217935116	Chan Y et al., 2015	2015	25865494	Various
135	rs1351164	<i>TNSI</i>	2	218271898	Lango Allen H et al., 2010	2010	20881960	European
136	rs994533	<i>TNSI</i>	2	218284278	Wood AR et al., 2014	2014	25282103	European
137	rs992157	<i>PNKD/TMBIM1</i>	2	219154781	Wood AR et al., 2014	2014	25282103	European
138	rs2305833	<i>VILI</i>	2	219305404	Wood AR et al., 2014	2014	25282103	European

139	rs611203	<i>PLCD4</i>	2	219472325	He M et al., 2015	2015	25429064	European
140	rs1541777	<i>TTL4</i>	2	219587291	Yang J et al., 2012	2012	22426310	European
141	rs4674354	<i>CCDC108</i>	2	219903723	Chan Y et al., 2015	2015	25865494	Various
142	rs6741325	<i>CCDC108</i>	2	219907699	Yang J et al., 2012	2012	22426310	European
143	rs12470505	<i>CCDC108</i>	2	219908369	Wood AR et al., 2014	2014	25282103	European
144	rs1052483	<i>IHH, CRYBA2, FEV, SLC23A3, TUBA1</i>	2	219934348	Gudbjartsson DF et al., 2008	2008	18391951	European
145	rs6724465	<i>IHH</i>	2	219943846	Weedon MN et al., 2008	2008	18391952	European
146	rs16859517	<i>NHEJ1</i>	2	219949184	Wood AR et al., 2014	2014	25282103	European
147	rs7588654	<i>NHEJ1</i>	2	219983030	He M et al., 2015	2015	25429064	European
148	rs6753739	<i>SLC23A3</i>	2	220028900	He M et al., 2015	2015	25429064	European
149	rs12621643	<i>KCNE4</i>	2	223917983	Chan Y et al., 2015	2015	25865494	Various
150	rs6761041	<i>SERPINE2</i>	2	225030129	Wood AR et al., 2014	2014	25282103	European
151	rs2629046	<i>SERPINE2</i>	2	225047744	Lango Allen H et al., 2010	2010	20881960	European
152	rs7598759	<i>NCL</i>	2	232321956	Yang J et al., 2012	2012	22426310	European
153	rs4973429	<i>C2orf52</i>	2	232377818	Wood AR et al., 2014	2014	25282103	European
154	rs2679184	<i>NPPC</i>	2	232779223	Wood AR et al., 2014	2014	25282103	European
155	rs2580816	<i>NPPC</i>	2	232797966	Lango Allen H et al., 2010	2010	20881960	European
156	rs10460436	<i>NPPC</i>	2	232815341	He M et al., 2015	2015	25429064	European
157	rs3116168	<i>DIS3L2</i>	2	232989831	Wood AR et al., 2014	2014	25282103	European
158	rs3103296	<i>DIS3L2</i>	2	233034495	Lanktree MB et al., 2011	2011	21194676	European
159	rs6728302	<i>DIS3L2</i>	2	233053961	He M et al., 2015	2015	25429064	European, East Asian
160	rs7571816	<i>DIS3L2</i>	2	233077064	Okada Y et al., 2010	2010	20189936	Japanese
161	rs2343240	<i>DIS3L2</i>	2	233087483	Wood AR et al., 2014	2014	25282103	European
162	rs6717918	<i>DIS3L2</i>	2	233155110	Okada Y et al., 2010	2010	20189936	Japanese
163	rs7571716	<i>EIF4E2</i>	2	233441420	Yang J et al., 2012	2012	22426310	European
164	rs13393800	<i>EIF4E2</i>	2	233442091	Wood AR et al., 2014	2014	25282103	European
165	rs4676386	<i>KIF1A</i>	2	241774986	Yang J et al., 2012	2012	22426310	European

166	rs4344931	<i>AGXT</i>	2	241818527	Wood AR et al., 2014	2014	25282103	European
167	rs2633761	<i>ITPR1</i>	3	4728104	Chan Y et al., 2015	2015	25865494	Various
168	rs6772112		3	11641535	Yang J et al., 2012	2012	22426310	European
169	rs13078528	<i>VGLL4</i>	3	11646954	Wood AR et al., 2014	2014	25282103	European
170	rs9816693	<i>VILL</i>	3	38047954	Wood AR et al., 2014	2014	25282103	European
171	rs3915129	<i>CTNNB1</i>	3	41243742	Wood AR et al., 2014	2014	25282103	European
172	rs2240919	<i>ITIH3</i>	3	52831701	Wood AR et al., 2014	2014	25282103	European
173	rs2336725	<i>RTF1</i>	3	53118739	Lango Allen H et al., 2010	2010	20881960	European
174	rs2581830	<i>RFT1</i>	3	53134098	Wood AR et al., 2014	2014	25282103	European
175	rs2034172	<i>WNT5A</i>	3	55411763	Wood AR et al., 2014	2014	25282103	European
176	rs4681933		3	56660229	Yang J et al., 2012	2012	22426310	European
177	rs9835332	<i>C3orf63</i>	3	56667682	Wood AR et al., 2014	2014	25282103	European
178	rs1098018	<i>FLNB</i>	3	57979767	Lei SF et al., 2009	2009	19039035	European
179	rs1718460	<i>FLNB</i>	3	58006413	Lei SF et al., 2009	2009	19039035	European
180	rs1658342	<i>FLNB</i>	3	58009259	Lei SF et al., 2009	2009	19039035	European
181	rs1658351	<i>FLNB</i>	3	58013573	Wood AR et al., 2014	2014	25282103	European
182	rs865726	<i>FLNB</i>	3	58018879	Lei SF et al., 2009	2009	19039035	European
183	rs839232	<i>FLNB</i>	3	58020826	Lei SF et al., 2009	2009	19039035	European
184	rs4681784	<i>FLNB</i>	3	58071644	Lei SF et al., 2009	2009	19039035	European
185	rs9834312	<i>FLNB</i>	3	58082709	Lei SF et al., 2009	2009	19039035	European
186	rs3772993	<i>FLNB</i>	3	58114884	Lei SF et al., 2009	2009	19039035	European
187	rs6794009	<i>PTPRG</i>	3	61513495	Wood AR et al., 2014	2014	25282103	European
188	rs17806888	<i>SUCLG2</i>	3	67416322	Wood AR et al., 2014	2014	25282103	European
189	rs2175513	<i>FAM19A1</i>	3	68622366	Wood AR et al., 2014	2014	25282103	European
190	rs9863706	<i>RYBP</i>	3	72437413	Lango Allen H et al., 2010	2010	20881960	European
191	rs12330322	<i>RYBP</i>	3	72455355	Wood AR et al., 2014	2014	25282103	European
192	rs13072744	<i>RYBP</i>	3	72509637	He M et al., 2015	2015	25429064	European
193	rs17009984		3	72637183	Chan Y et al., 2015	2015	25865494	Various
194	rs7633464	<i>DCBLD2</i>	3	98715823	Wood AR et al., 2014	2014	25282103	European

195	rs9825951	<i>COL8A1</i>	3	99269921	Wood AR et al., 2014	2014	25282103	European
196	rs1797625	<i>C3orf17</i>	3	112826415	Wood AR et al., 2014	2014	25282103	European
197	rs2718423		3	114208597	Yang J et al., 2012	2012	22426310	European
198	rs1533269	<i>ZBTB20</i>	3	114214611	Wood AR et al., 2014	2014	25282103	European
199	rs1546391	<i>ZBTB20</i>	3	114697457	Wood AR et al., 2014	2014	25282103	European
200	rs7636293	<i>C3orf47</i>	3	129045906	He M et al., 2015	2015	25429064	European
201	rs6439167	<i>C3orf47</i>	3	129050756	Lango Allen H et al., 2010	2010	20881960	European
202	rs6439168	<i>HIFX</i>	3	129050943	Wood AR et al., 2014	2014	25282103	European
203	rs4974480	<i>ANAPC13</i>	3	134178562	Wood AR et al., 2014	2014	25282103	European
204	rs10935120	<i>ANAPC13 o rCEP63</i>	3	134233092	Weedon MN et al., 2008	2008	18391952	European
205	rs6440003	<i>ZBTB38</i>	3	141094209	Weedon MN et al., 2008	2008	18391952	European
206	rs6763931	<i>ZBTB38</i>	3	141102833	He M et al., 2015	2015	25429064	European, East Asian
207	rs724016	<i>ZBTB38</i>	3	141105570	Wood AR et al., 2014	2014	25282103	European
208	rs7632381	<i>ZBTB38, ACPL2</i>	3	141106063	Kim JJ et al., 2010	2010	19893584	Korean
209	rs1344672	<i>ZBTB38, ACPL2</i>	3	141125705	Kim JJ et al., 2010	2010	19893584	Korean
210	rs9825379	<i>ZBTB38</i>	3	141137035	Okada Y et al., 2010	2010	20189936	Japanese
211	rs10513137	<i>ZBTB38, ACPL2</i>	3	141143430	Kim JJ et al., 2010	2010	19893584	Korean
212	rs936339	<i>PCOLCE2</i>	3	142535505	Wood AR et al., 2014	2014	25282103	European
213	rs4325879	<i>CCNL1</i>	3	156851984	Wood AR et al., 2014	2014	25282103	European
214	rs16828478	<i>SHOX2</i>	3	157591239	Cho YS et al., 2009	2009	19396169	Korean
215	rs9818941		3	157686457	Yang J et al., 2012	2012	22426310	European
216	rs6441170	<i>SHOX2</i>	3	157806960	Wood AR et al., 2014	2014	25282103	European
217	rs4345115	<i>GOLIM4, SERPINI1</i>	3	167837748	Gudbjartsson DF et al., 2008	2008	18391951	European
218	rs2421649		3	169197333	Chan Y et al., 2015	2015	25865494	Various
219	rs7652177	<i>FNDC3B</i>	3	171969077	Wood AR et al., 2014	2014	25282103	European
220	rs4243400	<i>FNDC3B</i>	3	171970859	He M et al., 2015	2015	25429064	European
221	rs509035	<i>GHSR</i>	3	172163449	Wood AR et al., 2014	2014	25282103	European

222	rs572169	<i>GHSR</i>	3	172165727	He M et al., 2015	2015	25429064	European
223	rs9858528	<i>KLHL24</i>	3	183355405	Wood AR et al., 2014	2014	25282103	European
224	rs6784185	<i>IGF2BP2</i>	3	185473065	Yang J et al., 2012	2012	22426310	European
225	rs16860216	<i>IGF2BP2</i>	3	185488882	Chan Y et al., 2015	2015	25865494	Various
226	rs720390	<i>IGF2BP2</i>	3	185548683	Wood AR et al., 2014	2014	25282103	European
227	rs2300921	<i>SFRS10</i>	3	185651001	Wood AR et al., 2014	2014	25282103	European
228	rs4686904	<i>BCL6</i>	3	187438522	Wood AR et al., 2014	2014	25282103	European
229	rs7646824	<i>OSTN</i>	3	190815978	Wood AR et al., 2014	2014	25282103	European
230	rs9841435	<i>CCDC50</i>	3	191111160	Wood AR et al., 2014	2014	25282103	European
231	rs3958122	<i>SLBP</i>	4	1693931	Wood AR et al., 2014	2014	25282103	European
232	rs2247341	<i>SLBP/FGFR3</i>	4	1701317	Lango Allen H et al., 2010	2010	20881960	European
233	rs867245	<i>POLN</i>	4	2218888	Wood AR et al., 2014	2014	25282103	European
234	rs2916448	<i>LYAR</i>	4	4276918	Lettre G et al., 2008	2008	18391950	European
235	rs868489	<i>MGC21874</i>	4	7055253	Wood AR et al., 2014	2014	25282103	European
236	rs6829680	<i>AFAP1</i>	4	7912333	Wood AR et al., 2014	2014	25282103	European
237	rs2302580	<i>CPZ</i>	4	8608634	Wood AR et al., 2014	2014	25282103	European
238	rs763318	<i>RAB28</i>	4	12963574	Wood AR et al., 2014	2014	25282103	European
239	rs7678436	<i>NCAPG-LCORL</i>	4	17797966	Okada Y et al., 2010	2010	20189936	Japanese
240	rs16895802	<i>NCAPG</i>	4	17815889	He M et al., 2015	2015	25429064	European, East Asian
241	rs6842303	<i>LCORL, NCAPG</i>	4	17854055	Gudbjartsson DF et al., 2008	2008	18391951	European
242	rs6854334	<i>LCORL</i>	4	17861210	Soranzo N et al., 2009	2009	19343178	European
243	rs6817306	<i>LCORL</i>	4	17868058	Soranzo N et al., 2009	2009	19343178	European
244	rs13131350	<i>LCORL</i>	4	17877487	He M et al., 2015	2015	25429064	European, East Asian
245	rs7692995	<i>LCORL</i>	4	17936634	Wood AR et al., 2014	2014	25282103	European
246	rs16896068	<i>LCORL</i>	4	17944840	Weedon MN et al., 2008	2008	18391952	European
247	rs961014	<i>LCORL</i>	4	18010384	Chan Y et al., 2015	2015	25865494	Various
248	rs16896276	<i>LCORL</i>	4	18015156	Yang J et al., 2012	2012	22426310	European

249	rs6830062	<i>LCORL</i> , <i>NCAPG</i>	4	18017730	Gudbjartsson DF et al., 2008	2008	18391951	European
250	rs2011603	<i>NCAPG</i> , <i>LCORL</i>	4	18025484	Cho YS et al., 2009	2009	19396169	Korean
251	rs6449353	<i>LCORL</i>	4	18033488	Lango Allen H et al., 2010	2010	20881960	European
252	rs16994718	<i>KLF3</i>	4	38688362	Wood AR et al., 2014	2014	25282103	European
253	rs11096991	<i>RFC1</i>	4	39320631	Lanktree MB et al., 2011	2011	21194676	European
254	rs2306596	<i>RFC1</i>	4	39343940	Wood AR et al., 2014	2014	25282103	European
255	rs1996422	<i>FRYL</i>	4	48687351	Wood AR et al., 2014	2014	25282103	European
256	rs13113518	<i>CLOCK</i>	4	56399648	Wood AR et al., 2014	2014	25282103	European
257	rs4864546	<i>CLOCK</i>	4	56404127	Lanktree MB et al., 2011	2011	21194676	European
258	rs3796529	<i>REST</i>	4	57797414	Lanktree MB et al., 2011	2011	21194676	European
259	rs2227901	<i>REST</i>	4	57798189	He M et al., 2015	2015	25429064	European
260	rs17081935	<i>C4orf14</i>	4	57823476	Wood AR et al., 2014	2014	25282103	European
261	rs3733309	<i>POLR2B</i>	4	57857188	He M et al., 2015	2015	25429064	European
262	rs9993613	<i>ADAMTS3</i>	4	73476014	Wood AR et al., 2014	2014	25282103	European
263	rs7697556	<i>ADAMTS3</i>	4	73515313	Lango Allen H et al., 2010	2010	20881960	European
264	rs16848425	<i>ADAMTS3</i>	4	73515825	He M et al., 2015	2015	25429064	European
265	rs710841	<i>PRKG2</i>	4	82149831	Soranzo N et al., 2009	2009	19343178	European
266	rs1662845	<i>PRKG2</i>	4	82154282	Lettre G et al., 2008	2008	18391950	European
267	rs7661369		4	82166066	Yang J et al., 2012	2012	22426310	European
268	rs2011962	<i>RASGEF1B</i>	4	82220324	He M et al., 2015	2015	25429064	European
269	rs6813055	<i>DMP1</i>	4	88630031	Chan Y et al., 2015	2015	25865494	Various
270	rs13136331		4	88707081	Chan Y et al., 2015	2015	25865494	Various
271	rs10010325	<i>TET2</i>	4	106106353	Lango Allen H et al., 2010	2010	20881960	European
272	rs2454206	<i>TET2</i>	4	106196951	He M et al., 2015	2015	25429064	European
273	rs12639764	<i>TET2</i>	4	106216205	Wood AR et al., 2014	2014	25282103	European
274	rs2101975		4	106216667	Yang J et al., 2012	2012	22426310	European
275	rs7659107	<i>CAMK2D</i>	4	114742249	Wood AR et al., 2014	2014	25282103	European
276	rs7659604	<i>BBS7</i>	4	122665514	Lanktree MB et al., 2011	2011	21194676	European

277	rs6838153	<i>EXOSC9</i>	4	122720999	Wood AR et al., 2014	2014	25282103	European
278	rs6824258		4	122769967	Yang J et al., 2012	2012	22426310	European
279	rs12513181	<i>NUDT6</i>	4	123835656	Wood AR et al., 2014	2014	25282103	European
280	rs17016123	<i>INPP4B</i>	4	143355338	Cho YS et al., 2009	2009	19396169	Korean
281	rs11100790	<i>SMARCA5</i>	4	144442611	Wood AR et al., 2014	2014	25282103	European
282	rs7654571	<i>HHIP</i>	4	145321006	Wood AR et al., 2014	2014	25282103	European
283	rs17720281	<i>HHIP</i>	4	145543776	Yang J et al., 2012	2012	22426310	European
284	rs6845999	<i>HHIP</i>	4	145565826	Wood AR et al., 2014	2014	25282103	European
285	rs7689420	<i>HHIP</i>	4	145568352	Lango Allen H et al., 2010	2010	20881960	European
286	rs1812175	<i>HHIP</i>	4	145574844	Wood AR et al., 2014	2014	25282103	European
287	rs6854783	<i>HHIP</i>	4	145643079	Weedon MN et al., 2008	2008	18391952	European
288	rs1492820	<i>HHIP</i>	4	145650021	Lettre G et al., 2008	2008	18391950	European
289	rs4240326	<i>ANAPC10</i>	4	145839264	Wood AR et al., 2014	2014	25282103	European
290	rs6823268	<i>ANAPC10</i>	4	145982563	He M et al., 2015	2015	25429064	European
291	rs13150868	<i>ESSPL</i>	4	152180671	Chan Y et al., 2015	2015	25865494	Various
292	rs955748	<i>WWC2</i>	4	184215675	Wood AR et al., 2014	2014	25282103	European
293	rs1450822		5	4520856	Lettre G et al., 2008	2008	18391950	European
294	rs17410035	<i>C5orf22</i>	5	31541142	Wood AR et al., 2014	2014	25282103	European
295	rs1173735	<i>NPR3</i>	5	32771379	Yang J et al., 2012	2012	22426310	European
296	rs1173736	<i>NPR3</i>	5	32771938	Lanktree MB et al., 2011	2011	21194676	European
297	rs3811958	<i>NPR3</i>	5	32772043	Wood AR et al., 2014	2014	25282103	European
298	rs9292468	<i>C5orf23</i>	5	32819073	Wood AR et al., 2014	2014	25282103	European
299	rs13183624	<i>C5orf23</i>	5	32821168	Chan Y et al., 2015	2015	25865494	Various
300	rs1173727	<i>NPR3</i>	5	32830521	Lango Allen H et al., 2010	2010	20881960	European
301	rs10472828	<i>NPR3</i>	5	32888818	Soranzo N et al., 2009	2009	19343178	European
302	rs11745439	<i>TARS</i>	5	33230034	Wood AR et al., 2014	2014	25282103	European
303	rs1004202	<i>UGT3A2</i>	5	36065463	Chan Y et al., 2015	2015	25865494	Various
304	rs301901	<i>NIPBL</i>	5	37046626	Wood AR et al., 2014	2014	25282103	European
305	rs3812040	<i>DAB2</i>	5	39426020	Wood AR et al., 2014	2014	25282103	European

306	rs6180	<i>GHR</i>	5	42719239	He M et al., 2015	2015	25429064	East Asian
307	rs2961830	<i>ISL1</i>	5	50454732	Wood AR et al., 2014	2014	25282103	European
308	rs7704138	<i>SLC38A9</i>	5	54944262	He M et al., 2015	2015	25429064	European
309	rs7716219	<i>SLC38A9</i>	5	54955071	Wood AR et al., 2014	2014	25282103	European
310	rs11958779	<i>SLC38A9</i>	5	55001899	Lango Allen H et al., 2010	2010	20881960	European
311	rs162089	<i>DDX4</i>	5	55118675	Cho YS et al., 2009	2009	19396169	Korean
312	rs2662027	<i>MIER3</i>	5	56254485	Wood AR et al., 2014	2014	25282103	European
313	rs9291926	<i>PIK3R1</i>	5	67599656	Wood AR et al., 2014	2014	25282103	European
314	rs820848	<i>HEXB</i>	5	73964660	Wood AR et al., 2014	2014	25282103	European
315	rs12519505	<i>AP3B1</i>	5	77505876	Wood AR et al., 2014	2014	25282103	European
316	rs7712162	<i>PAPD4</i>	5	78945171	Wood AR et al., 2014	2014	25282103	European
317	rs32855	<i>FAM151B</i>	5	79836192	Wood AR et al., 2014	2014	25282103	European
318	rs6894139	<i>MEF2C</i>	5	88327782	Wood AR et al., 2014	2014	25282103	European
319	rs10037512	<i>MEF2C</i>	5	88354675	He M et al., 2015	2015	25429064	European
320	rs2247870	<i>GPR98</i>	5	90151589	Wood AR et al., 2014	2014	25282103	European
321	rs12186664	<i>PCSK1</i>	5	95630225	Wood AR et al., 2014	2014	25282103	European
322	rs6594336	<i>FER</i>	5	108073085	Chan Y et al., 2015	2015	25865494	Various
323	rs1582931	<i>CCDC100</i>	5	122657199	Wood AR et al., 2014	2014	25282103	European
324	rs7708474	<i>CEP120</i>	5	122676525	He M et al., 2015	2015	25429064	European
325	rs6887276	<i>SLC12A2</i>	5	127378294	Wood AR et al., 2014	2014	25282103	European
326	rs26024	<i>FBN2</i>	5	127696022	Wood AR et al., 2014	2014	25282103	European
327	rs274546	<i>SLC22A5</i>	5	131699867	Lango Allen H et al., 2010	2010	20881960	European
328	rs6596075	<i>LOC441108</i>	5	131742228	Chan Y et al., 2015	2015	25865494	Various
329	rs537930		5	134348703	Yang J et al., 2012	2012	22426310	European
330	rs526896	<i>PITX1</i>	5	134356705	Wood AR et al., 2014	2014	25282103	European
		<i>PITX1, PCBD2,</i>						
331	rs31198	<i>CATSPER3</i>	5	134372685	Gudbjartsson DF et al.,	2008	18391951	European
		<i>TXNDC15, DDX</i>			2008			
		<i>46, CAMLG</i>						

332	rs4624820	<i>SPRY4</i>	5	141681788	Wood AR et al., 2014	2014	25282103	European
333	rs2974438	<i>SLIT3</i>	5	168250903	Wood AR et al., 2014	2014	25282103	European
334	rs4282339	<i>SLIT3</i>	5	168256240	Lango Allen H et al., 2010	2010	20881960	European
335	rs4620037	<i>FGF18</i>	5	170875097	Wood AR et al., 2014	2014	25282103	European
336	rs1529701	<i>FGF18</i>	5	171000977	Wood AR et al., 2014	2014	25282103	European
337	rs33852	<i>FBXW11</i>	5	171189571	Wood AR et al., 2014	2014	25282103	European
338	rs12153391	<i>FBXW11</i>	5	171203438	Wood AR et al., 2014	2014	25282103	European
339	rs4868126	<i>FBXW11</i>	5	171283469	Wood AR et al., 2014	2014	25282103	European
340	rs1368380	<i>FBXW11</i>	5	171285632	Wood AR et al., 2014	2014	25282103	European
341	rs17075869	<i>STC2</i>	5	172811280	Chan Y et al., 2015	2015	25865494	Various
342	rs6885032		5	172983279	Chan Y et al., 2015	2015	25865494	Various
343	rs889014	<i>STC2-BOD1</i>	5	172984114	He M et al., 2015	2015	25429064	European
344	rs7733195	<i>FAM44B</i>	5	172994624	Wood AR et al., 2014	2014	25282103	European
345	rs6556079		5	172997078	Yang J et al., 2012	2012	22426310	European
346	rs4868645	<i>RNF44</i>	5	175947118	Chan Y et al., 2015	2015	25865494	Various
347	rs6556301		5	176527577	Chan Y et al., 2015	2015	25865494	Various
348	rs11750568	<i>ADAMTS2</i>	5	178535713	Wood AR et al., 2014	2014	25282103	European
349	rs6879260	<i>GFPT2</i>	5	179731014	Wood AR et al., 2014	2014	25282103	European
350	rs932445	<i>GMDS</i>	6	2167225	Wood AR et al., 2014	2014	25282103	European
351	rs163071	<i>GMDS</i>	6	2193062	Chan Y et al., 2015	2015	25865494	Various
352	rs17603945	<i>RREB1</i>	6	7213016	Wood AR et al., 2014	2014	25282103	European
353	rs2714357	<i>RREB1</i>	6	7225995	Soranzo N et al., 2009	2009	19343178	European
354	rs12198986	<i>BMP6</i>	6	7720059	Gudbjartsson DF et al., 2008	2008	18391951	European
355	rs3812163	<i>BMP6</i>	6	7725760	Lango Allen H et al., 2010	2010	20881960	European
356	rs9328445	<i>BMP6</i>	6	7792947	Chan Y et al., 2015	2015	25865494	Various
357	rs9405356	<i>BMP6</i>	6	7804377	Chan Y et al., 2015	2015	25865494	Various
358	rs742106	<i>DTNBPI</i>	6	15524480	Soranzo N et al., 2009	2009	19343178	European

359	rs12199222	<i>NUP153, CAP2, KIF13A</i>	6	17699322	Gudbjartsson DF et al., 2008	2008	18391951	European
360	rs6921309		6	18618735	Cho YS et al., 2009	2009	19396169	Korean
361	rs1865760	<i>SLC17A2</i>	6	25916979	He M et al., 2015	2015	25429064	East Asian
362	rs9393681	<i>TRIM38,HIST1 H1A</i>	6	26008260	Cho YS et al., 2009	2009	19396169	Korean
363	rs4141885	<i>HIST1H1E</i>	6	26157481	Wood AR et al., 2014	2014	25282103	European
364	rs806794	<i>HIST1H2BF</i>	6	26200677	He M et al., 2015	2015	25429064	European
365	rs10946808	<i>Histone class 1,Butyrophilin genes</i>	6	26233387	Gudbjartsson DF et al., 2008	2008	18391951	European
366	rs9358913	<i>HIST1H4F</i>	6	26239404	Soranzo N et al., 2009	2009	19343178	European
367	rs1233627	<i>TRIM27</i>	6	28751727	Wood AR et al., 2014	2014	25282103	European
368	rs3129109	<i>OR2J3</i>	6	29084232	Lango Allen H et al., 2010	2010	20881960	European
369	rs11970475	<i>UBD</i>	6	29526377	He M et al., 2015	2015	25429064	East Asian
370	rs9404952	<i>HLA-G</i>	6	29804165	Wood AR et al., 2014	2014	25282103	European
371	rs2517538	<i>LOC729792</i>	6	31013541	Cho YS et al., 2009	2009	19396169	Korean
372	rs2251830	<i>HCG22</i>	6	31016978	He M et al., 2015	2015	25429064	East Asian
373	rs2233969	<i>C6orf15,PSORS 1C1</i>	6	31080432	Cho YS et al., 2009	2009	19396169	Korean
374	rs3823418	<i>PSORS1C1</i>	6	31100942	He M et al., 2015	2015	25429064	East Asian
375	rs1265097	<i>PSORS1C1/PSO RS1C2</i>	6	31106459	Wood AR et al., 2014	2014	25282103	European
376	rs6457374	<i>HLA-C</i>	6	31272261	Wood AR et al., 2014	2014	25282103	European
377	rs2596494	<i>HLA-B</i>	6	31323838	Lanktree MB et al., 2011	2011	21194676	European
378	rs13437082	<i>HLA-B</i>	6	31354560	Soranzo N et al., 2009	2009	19343178	European
379	rs4711269	<i>HLA-B</i>	6	31354819	Soranzo N et al., 2009	2009	19343178	European
380	rs2256183	<i>MICA</i>	6	31380529	Lango Allen H et al., 2010	2010	20881960	European
381	rs2516448	<i>MICA</i>	6	31390410	Lanktree MB et al., 2011	2011	21194676	European

382	rs2844479	<i>HLA class III</i>	6	31572956	Gudbjartsson DF et al., 2008	2008	18391951	European
383	rs2857693	<i>BAT2</i>	6	31588384	Wood AR et al., 2014	2014	25282103	European
384	rs2077102		6	31611840	Kim JJ et al., 2010	2010	19893584	Korean
385	rs589428		6	31848220	Chan Y et al., 2015	2015	25865494	Various
386	rs185819	<i>HLA class III</i>	6	32050067	Gudbjartsson DF et al., 2008	2008	18391951	European
387	rs1061807		6	32136838	Yang J et al., 2012	2012	22426310	European
388	rs6457620	<i>HLA locus</i>	6	32663999	Lango Allen H et al., 2010	2010	20881960	European
389	rs3129254	<i>COL11A2</i>	6	33108287	Wood AR et al., 2014	2014	25282103	European
390	rs7742369	<i>HMGAI</i>	6	34165721	Okada Y et al., 2010	2010	20189936	Japanese
391	rs12214804	<i>HMGAI</i>	6	34188866	Wood AR et al., 2014	2014	25282103	European
392	rs1776897	<i>HMGAI</i>	6	34195011	He M et al., 2015	2015	25429064	European, East Asian
393	rs2780226	<i>HMGAI</i>	6	34199092	Lango Allen H et al., 2010	2010	20881960	European
394	rs1150781	<i>HMGAI</i>	6	34214322	Lanktree MB et al., 2011	2011	21194676	European
395	rs6918981	<i>NUDT3</i>	6	34238514	He M et al., 2015	2015	25429064	Asian
396	rs3734254	<i>PPARD</i>	6	35395010	Lanktree MB et al., 2011	2011	21194676	European
397	rs4713858	<i>ANKS1, TCP11, ZNF76, DEF6,SCUBE3</i>	6	35402785	Gudbjartsson DF et al., 2008	2008	18391951	European
398	rs4713902	<i>FKBP5</i>	6	35614026	Wood AR et al., 2014	2014	25282103	European
399	rs16895130	<i>CCND3</i>	6	41924931	Wood AR et al., 2014	2014	25282103	European
400	rs9472414	<i>SUPT3H/RUNX 2</i>	6	44946506	Lango Allen H et al., 2010	2010	20881960	European
401	rs9296450		6	44953786	Yang J et al., 2012	2012	22426310	European
402	rs10948197	<i>SUPT3H</i>	6	44967490	He M et al., 2015	2015	25429064	East Asian
403	rs9395066	<i>SUPT3H, RUNX2</i>	6	45095163	Gudbjartsson DF et al., 2008	2008	18391951	European
404	rs10948222	<i>SUPT3H</i>	6	45244415	Wood AR et al., 2014	2014	25282103	European

405	rs9395264	<i>CD2AP</i>	6	47475022	Wood AR et al., 2014	2014	25282103	European
406	rs12190423	<i>OGFRL1</i>	6	72202711	Wood AR et al., 2014	2014	25282103	European
407	rs12209223	<i>FILIP1</i>	6	76164589	Wood AR et al., 2014	2014	25282103	European
408	rs6903448	<i>FILIP1</i>	6	76173832	Wood AR et al., 2014	2014	25282103	European
409	rs9360921	<i>SENP6</i>	6	76265642	Lango Allen H et al., 2010	2010	20881960	European
410	rs6931421		6	80880138	Chan Y et al., 2015	2015	25865494	Various
411	rs9341808		6	80953257	Chan Y et al., 2015	2015	25865494	Various
412	rs648831	<i>BCKDHB</i>	6	80956208	Wood AR et al., 2014	2014	25282103	European
413	rs1341278	<i>BCKDHB</i>	6	81038921	Wood AR et al., 2014	2014	25282103	European
414	rs9443804	<i>BCKDHB</i>	6	81315597	Wood AR et al., 2014	2014	25282103	European
415	rs310421	<i>FAM46A</i>	6	81792063	Wood AR et al., 2014	2014	25282103	European
416	rs310405	<i>FAM46A</i>	6	81800362	Lango Allen H et al., 2010	2010	20881960	European
417	rs310402	<i>FAM46A</i>	6	81800492	Yang J et al., 2012	2012	22426310	European
418	rs3828760	<i>FAM46A</i>	6	82456984	Wood AR et al., 2014	2014	25282103	European
419	rs761391	<i>TBX18</i>	6	85448103	Wood AR et al., 2014	2014	25282103	European
420	rs7759938	<i>LIN28B</i>	6	105378954	Lango Allen H et al., 2010	2010	20881960	European
421	rs314263	<i>LIN28B</i>	6	105392745	Wood AR et al., 2014	2014	25282103	European
422	rs314277	<i>LIN28B</i>	6	105407662	Lettre G et al., 2008	2008	18391950	European
423	rs314268	<i>LIN28B, HACE1, BVES, POPDC3</i>	6	105417978	Gudbjartsson DF et al., 2008	2008	18391951	European
424	rs479744	<i>FOXO3</i>	6	109020032	Wood AR et al., 2014	2014	25282103	European
425	rs6920372	<i>PPIL6</i>	6	109723939	Wood AR et al., 2014	2014	25282103	European
426	rs9487094	<i>PPIL6, CD164, SMPD2, MNICA L1, ZBTB24</i>	6	109742015	Gudbjartsson DF et al., 2008	2008	18391951	European
427	rs1476387	<i>ZBTB24</i>	6	109764535	Lanktree MB et al., 2011	2011	21194676	European
428	rs1046943	<i>ZBTB24</i>	6	109783941	Lango Allen H et al., 2010	2010	20881960	European
429	rs3734652		6	109786980	Yang J et al., 2012	2012	22426310	European

430	rs1405212	<i>VGLL2</i>	6	117490664	Wood AR et al., 2014	2014	25282103	European
431	rs961764	<i>VGLL2</i>	6	117522156	Lango Allen H et al., 2010	2010	20881960	European
432	rs389663	<i>DCBLD1</i>	6	117868051	Wood AR et al., 2014	2014	25282103	European
433	rs4895801	<i>NCOA7</i>	6	126216403	Wood AR et al., 2014	2014	25282103	European
434	rs1415701	<i>L3MBTL3</i>	6	130345835	He M et al., 2015	2015	25429064	European
435	rs6569648	<i>L3MBTL3</i>	6	130349119	Lango Allen H et al., 2010	2010	20881960	European
436	rs6899976	<i>L3MBTL3, SAMD3</i>	6	130358428	Gudbjartsson DF et al., 2008	2008	18391951	European
437	rs7740107	<i>L3MBTL3</i>	6	130374461	Wood AR et al., 2014	2014	25282103	European
438	rs6921207	<i>EPB41L2</i>	6	131327956	Wood AR et al., 2014	2014	25282103	European
439	rs6570507	<i>GPR126</i>	6	142679572	Soranzo N et al., 2009	2009	19343178	European
440	rs4896582	<i>GPR126</i>	6	142703877	Wood AR et al., 2014	2014	25282103	European
441	rs3748069	<i>GPR126</i>	6	142767633	Gudbjartsson DF et al., 2008	2008	18391951	European
442	rs7763064	<i>GPR126</i>	6	142797289	Lango Allen H et al., 2010	2010	20881960	European
443	rs262115		6	142817407	Yang J et al., 2012	2012	22426310	European
444	rs6911389	<i>PHACTR2</i>	6	144079629	Chan Y et al., 2015	2015	25865494	Various
445	rs2748483	<i>GRM1</i>	6	146335560	Wood AR et al., 2014	2014	25282103	European
446	rs543650	<i>ESR1</i>	6	152110943	Lango Allen H et al., 2010	2010	20881960	European
447	rs488133	<i>ESR1</i>	6	152125444	Lanktree MB et al., 2011	2011	21194676	European
448	rs6902771	<i>ESR1</i>	6	152157881	Wood AR et al., 2014	2014	25282103	European
449	rs3020418	<i>ESR1</i>	6	152345162	Wood AR et al., 2014	2014	25282103	European
450	rs1832871	<i>TULP4</i>	6	158722034	Wood AR et al., 2014	2014	25282103	European
451	rs486359	<i>SLC22A3</i>	6	160774441	Chan Y et al., 2015	2015	25865494	Various
452	rs991946	<i>T</i>	6	166329862	Wood AR et al., 2014	2014	25282103	European
453	rs9459531		6	166333799	Yang J et al., 2012	2012	22426310	European
454	rs7774834	<i>THBS2</i>	6	169349731	Wood AR et al., 2014	2014	25282103	European
455	rs798544	<i>GNAI2</i>	7	2763102	Gudbjartsson DF et al., 2008	2008	18391951	European

456	rs798497	<i>GNAI2</i>	7	2795957	Wood AR et al., 2014	2014	25282103	European
457	rs7777484	<i>GNAI2</i>	7	2814271	He M et al., 2015	2015	25429064	European
458	rs1182188	<i>GNAI2</i>	7	2869985	Soranzo N et al., 2009	2009	19343178	European
459	rs1182179	<i>GNAI2</i>	7	2873648	Soranzo N et al., 2009	2009	19343178	European
460	rs4725061	<i>GLCCII</i>	7	8086639	Wood AR et al., 2014	2014	25282103	European
461	rs929637	<i>TMEM106B</i>	7	12276522	Wood AR et al., 2014	2014	25282103	European
462	rs1523632	<i>AGR2</i>	7	17069968	Soranzo N et al., 2009	2009	19343178	European
463	rs4470914	<i>TWISTNB</i>	7	19616522	Lango Allen H et al., 2010	2010	20881960	European
464	rs2390151	<i>TWISTNB</i>	7	19642100	Wood AR et al., 2014	2014	25282103	European
465	rs3807931	<i>ITGB8</i>	7	20381674	Wood AR et al., 2014	2014	25282103	European
466	rs12538581	<i>ITGB8</i>	7	20399117	Yang J et al., 2012	2012	22426310	European
467	rs1175000	<i>CDCA7L</i>	7	22024040	Okada Y et al., 2010	2010	20189936	Japanese
468	rs12538407	<i>IGF2BP3</i>	7	23521316	Wood AR et al., 2014	2014	25282103	European
469	rs1055144	<i>NFE2L3</i>	7	25871109	Wood AR et al., 2014	2014	25282103	European
470	rs864745	<i>JAZF1</i>	7	28180556	He M et al., 2015	2015	25429064	East Asian
471	rs849141	<i>JAZF1</i>	7	28185091	Soranzo N et al., 2009	2009	19343178	European
472	rs1635852	<i>JAZF1</i>	7	28189411	Okada Y et al., 2010	2010	20189936	Japanese
473	rs1708299	<i>JAZF1</i>	7	28189946	Lango Allen H et al., 2010	2010	20881960	European
474	rs537124		7	28203142	Yang J et al., 2012	2012	22426310	European
475	rs6462432	<i>KBTBD2</i>	7	32935524	Wood AR et al., 2014	2014	25282103	European
476	rs6974574	<i>STARD3NL</i>	7	38110073	Wood AR et al., 2014	2014	25282103	European
477	rs6959212	<i>STARD3NL</i>	7	38128326	Lango Allen H et al., 2010	2010	20881960	European
478	rs2949837		7	45994378	Chan Y et al., 2015	2015	25865494	Various
479	rs1007358	<i>IGFBP3</i>	7	46201355	Wood AR et al., 2014	2014	25282103	European
480	rs12534698		7	46408264	Yang J et al., 2012	2012	22426310	European
481	rs6949739	<i>IGFBP3</i>	7	46417403	Wood AR et al., 2014	2014	25282103	European
482	rs12540874	<i>GRB10</i>	7	50664922	Lettre G et al., 2008	2008	18391950	European
483	rs2715094	<i>GRB10</i>	7	50730452	Wood AR et al., 2014	2014	25282103	European
484	rs1113765	<i>SEPT14</i>	7	55889334	Wood AR et al., 2014	2014	25282103	European

485	rs12669267	<i>WBSCR28</i>	7	73304636	Wood AR et al., 2014	2014	25282103	European
486	rs17807185	<i>RSBNIL</i>	7	77308295	Wood AR et al., 2014	2014	25282103	European
487	rs4272	<i>CDK6</i>	7	92236829	Lanktree MB et al., 2011	2011	21194676	European
488	rs42039	<i>CDK6</i>	7	92244422	Wood AR et al., 2014	2014	25282103	European
489	rs42235	<i>CDK6</i>	7	92248076	Lango Allen H et al., 2010	2010	20881960	European
490	rs2040494	<i>CDK6</i>	7	92256905	Lettre G et al., 2008	2008	18391950	European
491	rs2282978	<i>CDK6, PEX1, GATAD1, ERVWE1</i>	7	92264410	Gudbjartsson DF et al., 2008	2008	18391951	European
492	rs2282979	<i>CDK6</i>	7	92264993	Okada Y et al., 2010	2010	20189936	Japanese
493	rs11765954	<i>CDK6, PEX1, GATAD1, ERVWE1</i>	7	92280695	Gudbjartsson DF et al., 2008	2008	18391951	European
494	rs6971575	<i>SLC25A13</i>	7	96039648	Wood AR et al., 2014	2014	25282103	European
495	rs6952113	<i>C7orf58</i>	7	120777619	Wood AR et al., 2014	2014	25282103	European
496	rs6962887	<i>CNOT4</i>	7	135045786	Wood AR et al., 2014	2014	25282103	European
497	rs3812265	<i>CNOT4</i>	7	135048804	Lanktree MB et al., 2011	2011	21194676	European
498	rs273945	<i>CREB3L2</i>	7	137611566	Wood AR et al., 2014	2014	25282103	European
499	rs822552		7	148650634	Yang J et al., 2012	2012	22426310	European
500	rs6955948	<i>TMEM176A</i>	7	150508720	Wood AR et al., 2014	2014	25282103	European
501	rs2110001	<i>TMEM176A</i>	7	150517022	Lango Allen H et al., 2010	2010	20881960	European
502	rs2730245	<i>WDR60</i>	7	158724789	Lettre G et al., 2008	2008	18391950	European
503	rs4875421	<i>CSMD1</i>	8	4827332	Wood AR et al., 2014	2014	25282103	European
504	rs330938		8	9017979	Chan Y et al., 2015	2015	25865494	Various
505	rs7823327	<i>PEBP4</i>	8	22562352	Wood AR et al., 2014	2014	25282103	European
506	rs4273857	<i>LOXL2</i>	8	23173053	Wood AR et al., 2014	2014	25282103	European
507	rs17088184	<i>SLC25A37</i>	8	23375235	Wood AR et al., 2014	2014	25282103	European
508	rs2013265	<i>ADAM28</i>	8	24092500	Wood AR et al., 2014	2014	25282103	European
509	rs3812423	<i>KCTD9</i>	8	25298710	Wood AR et al., 2014	2014	25282103	European

510	rs568610	<i>SCARA3</i>	8	27527995	Wood AR et al., 2014	2014	25282103	European
511	rs10448080	<i>EXTL3</i>	8	28604791	He M et al., 2015	2015	25429064	East Asian
512	rs6988484	<i>EFCAB1</i>	8	49413780	Wood AR et al., 2014	2014	25282103	European
513	rs10958476	<i>PLAG1</i>	8	57095808	Wood AR et al., 2014	2014	25282103	European
514	rs7833986	<i>PLAG1</i>	8	57100149	Okada Y et al., 2010	2010	20189936	Japanese
515	rs13273123	<i>PLAG1</i>	8	57100791	He M et al., 2015	2015	25429064	European, East Asian
516	rs9650315	<i>CHCHD7</i>	8	57155598	Wood AR et al., 2014	2014	25282103	European
517	rs7829319		8	57172232	Kim JJ et al., 2010	2010	19893584	Korean
518	rs7815788	<i>PLAG1</i>	8	57179020	Soranzo N et al., 2009	2009	19343178	European
519	rs7460090	<i>SDR16C5</i>	8	57194163	Lango Allen H et al., 2010	2010	20881960	European
520	rs7815909	<i>CHCHD7- RDHE2</i>	8	57200362	He M et al., 2015	2015	25429064	European
521	rs4738736		8	59836001	Yang J et al., 2012	2012	22426310	European
522	rs2956605	<i>CRISPLD1</i>	8	75883054	Wood AR et al., 2014	2014	25282103	European
523	rs16939034	<i>CRISPLD1</i>	8	76040583	Chan Y et al., 2015	2015	25865494	Various
524	rs4735677	<i>PXMP3</i>	8	78148191	Wood AR et al., 2014	2014	25282103	European
525	rs7846385	<i>PXMP3, ZFHX4</i>	8	78160179	Gudbjartsson DF et al., 2008	2008	18391951	European
526	rs6473015	<i>PEX2</i>	8	78178485	Lango Allen H et al., 2010	2010	20881960	European
527	rs7812578		8	82679057	Chan Y et al., 2015	2015	25865494	Various
528	rs7007200	<i>TMEM74</i>	8	109784938	Wood AR et al., 2014	2014	25282103	European
529	rs2737220	<i>TRPS1</i>	8	116637685	Wood AR et al., 2014	2014	25282103	European
530	rs1550162	<i>EIF3H</i>	8	117563532	Wood AR et al., 2014	2014	25282103	European
531	rs11989122	<i>EXT1</i>	8	118827839	He M et al., 2015	2015	25429064	East Asian
532	rs1599473	<i>NOV</i>	8	120475358	Wood AR et al., 2014	2014	25282103	European
533	rs16892729		8	120558078	Yang J et al., 2012	2012	22426310	European
534	rs11779459	<i>ZHX2</i>	8	123980551	Chan Y et al., 2015	2015	25865494	Various
535	rs8180991	<i>TRIB1</i>	8	126500350	Wood AR et al., 2014	2014	25282103	European
536	rs4733789	<i>MYC</i>	8	128834403	He M et al., 2015	2015	25429064	East Asian

537	rs4733724	<i>MLZE</i>	8	130723728	Wood AR et al., 2014	2014	25282103	European
538	rs6470764	<i>GSDMC</i>	8	130725665	Lango Allen H et al., 2010	2010	20881960	European
539	rs2062078	<i>GSDMC</i>	8	130734461	He M et al., 2015	2015	25429064	European
540	rs894343	<i>ZFAT</i>	8	135612595	Chan Y et al., 2015	2015	25865494	Various
541	rs11785144		8	135616199	Yang J et al., 2012	2012	22426310	European
542	rs12680655	<i>ZFAT</i>	8	135637337	Lango Allen H et al., 2010	2010	20881960	European
543	rs1036821	<i>ZFAT</i>	8	135650483	Wood AR et al., 2014	2014	25282103	European
544	rs6577717	<i>ZFAT</i>	8	135653832	Chan Y et al., 2015	2015	25865494	Various
545	rs17772163	<i>ZFAT</i>	8	135655246	Cho YS et al., 2009	2009	19396169	Korean
546	rs7033940	<i>UHRF2</i>	9	6440419	Wood AR et al., 2014	2014	25282103	European
547	rs10961780	<i>FREMI</i>	9	14898161	He M et al., 2015	2015	25429064	East Asian
548	rs7864648		9	16368732	Yang J et al., 2012	2012	22426310	European
549	rs2149163	<i>BNC2</i>	9	16455833	Wood AR et al., 2014	2014	25282103	European
550	rs3927536	<i>BNC2</i>	9	16787670	Wood AR et al., 2014	2014	25282103	European
551	rs10962832	<i>CNTLN</i>	9	17048990	Wood AR et al., 2014	2014	25282103	European
552	rs1576900	<i>ADAMTSL1</i>	9	18629792	Wood AR et al., 2014	2014	25282103	European
553	rs7871764	<i>WDR40A</i>	9	34071541	Soranzo N et al., 2009	2009	19343178	European
554	rs3763631	<i>NPR2/SPAG8</i>	9	35808334	Wood AR et al., 2014	2014	25282103	European
555	rs10972628	<i>OR2S2</i>	9	35937611	Chan Y et al., 2015	2015	25865494	Various
556	rs181338	<i>ZCCHC6</i>	9	89108161	Wood AR et al., 2014	2014	25282103	European
557	rs2814828	<i>SPIN1, CCRK</i>	9	90811182	Gudbjartsson DF et al., 2008	2008	18391951	European
558	rs2778031	<i>SPIN1</i>	9	90835726	Lango Allen H et al., 2010	2010	20881960	European
559	rs4877418		9	90836498	Yang J et al., 2012	2012	22426310	European
560	rs10780910	<i>SPIN1</i>	9	90849255	Wood AR et al., 2014	2014	25282103	European
561	rs1571892	<i>NFIL3</i>	9	94258836	Chan Y et al., 2015	2015	25865494	Various
562	rs7043114	<i>IPPK</i>	9	95387983	Wood AR et al., 2014	2014	25282103	European
563	rs9969804	<i>IPPK</i>	9	95429120	Lango Allen H et al., 2010	2010	20881960	European
564	rs16910061	<i>FBP2</i>	9	97314741	He M et al., 2015	2015	25429064	East Asian

565	rs558990	<i>FBP2</i>	9	97331187	He M et al., 2015	2015	25429064	East Asian
566	rs600130	<i>FBP2</i>	9	97338996	He M et al., 2015	2015	25429064	East Asian
567	rs532027	<i>FBP2</i>	9	97340038	He M et al., 2015	2015	25429064	East Asian
568	rs12347744	<i>C9orf3</i>	9	97575273	Wood AR et al., 2014	2014	25282103	European
569	rs10512248	<i>PTCH1</i>	9	98259703	Lanktree MB et al., 2011	2011	21194676	European
570	rs4448343	<i>PTCH1</i>	9	98266370	Wood AR et al., 2014	2014	25282103	European
571	rs10990303	<i>PTCH1</i>	9	98410405	Wood AR et al., 2014	2014	25282103	European
572	rs10978781	<i>ZNP510</i>	9	99508480	He M et al., 2015	2015	25429064	East Asian
573	rs10816533	<i>ZNP510</i>	9	99539138	He M et al., 2015	2015	25429064	East Asian
574	rs35334289	<i>ZNP510</i>	9	99540291	He M et al., 2015	2015	25429064	East Asian
575	rs10978953	<i>ZNP510</i>	9	99543801	He M et al., 2015	2015	25429064	East Asian
576	rs4344199	<i>ZNP510</i>	9	99549449	He M et al., 2015	2015	25429064	East Asian
577	rs10117921	<i>ZNP510</i>	9	99550434	He M et al., 2015	2015	25429064	East Asian
578	rs10118617	<i>ZNP510</i>	9	99550469	He M et al., 2015	2015	25429064	East Asian
579	rs10119466	<i>ZNP510</i>	9	99551625	He M et al., 2015	2015	25429064	East Asian
580	rs10119556	<i>ZNP782</i>	9	99551986	He M et al., 2015	2015	25429064	East Asian
581	rs10124911	<i>ZNP782</i>	9	99567384	He M et al., 2015	2015	25429064	East Asian
582	rs12236125	<i>ZNP782</i>	9	99583468	He M et al., 2015	2015	25429064	East Asian
583	rs7859940	<i>ZNP782</i>	9	99584880	He M et al., 2015	2015	25429064	East Asian
584	rs10124033	<i>ZNP782</i>	9	99614104	He M et al., 2015	2015	25429064	East Asian
585	rs953199	<i>XPA</i>	9	100482976	Chan Y et al., 2015	2015	25865494	Various
586	rs989393	<i>COL15A1</i>	9	101743336	Wood AR et al., 2014	2014	25282103	European
587	rs10820814	<i>FSD1L</i>	9	108304500	Wood AR et al., 2014	2014	25282103	European
588	rs9409082	<i>TMEM38B</i>	9	108901049	Wood AR et al., 2014	2014	25282103	European
589	rs902143	<i>ZNF462</i>	9	109181911	Wood AR et al., 2014	2014	25282103	European
590	rs2451948	<i>ZNF462</i>	9	109518208	Chan Y et al., 2015	2015	25865494	Various
591	rs7027110	<i>ZNF462</i>	9	109599046	Wood AR et al., 2014	2014	25282103	European
592	rs4743034	<i>ZNF462</i>	9	109632353	Gudbjartsson DF et al., 2008	2008	18391951	European

593	rs7032940	<i>PALM2-AKAP2, C9orf152</i>	9	112945405	He M et al., 2015	2015	25429064	East Asian
594	rs7036157	<i>PALM2-AKAP2, C9orf152</i>	9	112945774	He M et al., 2015	2015	25429064	East Asian
595	rs10816937	<i>PALM2-AKAP2, C9orf152</i>	9	112951989	He M et al., 2015	2015	25429064	East Asian
596	rs3739707	<i>LPAR1</i>	9	113792706	Wood AR et al., 2014	2014	25282103	European
597	rs1468758	<i>LPAR1</i>	9	113807082	Lango Allen H et al., 2010	2010	20881960	European
598	rs999599	<i>COL27A1</i>	9	117011595	Chan Y et al., 2015	2015	25865494	Various
599	rs10759774	<i>I-Dec</i>	9	118169080	Chan Y et al., 2015	2015	25865494	Various
600	rs10119624	<i>DEC1</i>	9	118305438	Wood AR et al., 2014	2014	25282103	European
601	rs13302480	<i>37226</i>	9	118465313	Yang J et al., 2012	2012	22426310	European
602	rs12344396	<i>PAPPA</i>	9	118921327	Wood AR et al., 2014	2014	25282103	European
603	rs751543	<i>PAPPA</i>	9	119122342	Lango Allen H et al., 2010	2010	20881960	European
604	rs1742829	<i>ASTN2</i>	9	119422807	Wood AR et al., 2014	2014	25282103	European
605	rs7466269	<i>FUBP3</i>	9	133464084	Wood AR et al., 2014	2014	25282103	European
606	rs7849585	<i>QSOX2</i>	9	139111870	Wood AR et al., 2014	2014	25282103	European
607	rs10858250	<i>QSOX2</i>	9	139119215	He M et al., 2015	2015	25429064	European, East Asian
608	rs12338076	<i>LHX3-QSOX2</i>	9	139121740	Okada Y et al., 2010	2010	20189936	Japanese
609	rs8413	<i>INPP5E</i>	9	139323311	Yang J et al., 2012	2012	22426310	European
610	rs3812591	<i>SEC16A</i>	9	139341612	Wood AR et al., 2014	2014	25282103	European
611	rs4332428	<i>AKRIC1</i>	10	4965434	Wood AR et al., 2014	2014	25282103	European
612	rs7909670	<i>CCDC3</i>	10	12918764	Lango Allen H et al., 2010	2010	20881960	European
613	rs12779328	<i>CCDC3</i>	10	12943973	Wood AR et al., 2014	2014	25282103	European
614	rs4350272	<i>ARHGAP21</i>	10	25056118	Wood AR et al., 2014	2014	25282103	European
615	rs7069985	<i>RAB18</i>	10	27890831	Wood AR et al., 2014	2014	25282103	European
616	rs12413361	<i>ZNF438</i>	10	31127166	He M et al., 2015	2015	25429064	East Asian
617	rs10995319	<i>PRKG1</i>	10	52762887	Wood AR et al., 2014	2014	25282103	European
618	rs10997979	<i>MYPN</i>	10	69937192	Wood AR et al., 2014	2014	25282103	European

619	rs4746769	<i>DNA2</i>	10	70196580	Wood AR et al., 2014	2014	25282103	European
620	rs779933		10	80918517	Yang J et al., 2012	2012	22426310	European
621	rs7916441		10	80925577	Chan Y et al., 2015	2015	25865494	Various
622	rs1815314	<i>ZMIZ1</i>	10	80928793	Wood AR et al., 2014	2014	25282103	European
623	rs703985	<i>ZMIZ1</i>	10	80940740	Chan Y et al., 2015	2015	25865494	Various
624	rs2145998	<i>PPIF</i>	10	81121696	Lango Allen H et al., 2010	2010	20881960	European
625	rs1923367	<i>ZCCHC24</i>	10	81132829	Wood AR et al., 2014	2014	25282103	European
626	rs2631676	<i>PCGF5</i>	10	93037409	Wood AR et al., 2014	2014	25282103	European
627	rs915506	<i>CCNJ</i>	10	97805074	Wood AR et al., 2014	2014	25282103	European
628	rs11599750	<i>CPN1</i>	10	101805442	Wood AR et al., 2014	2014	25282103	European
629	rs10883563	<i>FAM178A</i>	10	102684380	Wood AR et al., 2014	2014	25282103	European
630	rs7899004	<i>SUFU</i>	10	104341435	Wood AR et al., 2014	2014	25282103	European
631	rs11198820	<i>GRK5</i>	10	120961043	Chan Y et al., 2015	2015	25865494	Various
632	rs291979	<i>GRK5</i>	10	121129797	Wood AR et al., 2014	2014	25282103	European
633	rs4751815		10	122701505	Cho YS et al., 2009	2009	19396169	Korean
634	rs1614303	<i>FGFR2</i>	10	123396806	Wood AR et al., 2014	2014	25282103	European
635	rs6585827	<i>PLEKHA1</i>	10	124165615	Okada Y et al., 2010	2010	20189936	Japanese
636	rs7097701	<i>PLEKHA1</i>	10	124171857	Chan Y et al., 2015	2015	25865494	Various
637	rs10794175	<i>FAM53B</i>	10	126358073	Wood AR et al., 2014	2014	25282103	European
638	rs17152411	<i>ZRANB1</i>	10	126649516	He M et al., 2015	2015	25429064	East Asian
639	rs3781426	<i>CTBP2</i>	10	126703349	He M et al., 2015	2015	25429064	East Asian
640	rs11245515	<i>CTBP2</i>	10	126824068	Wood AR et al., 2014	2014	25282103	European
641	rs11244750	<i>FANK1</i>	10	127673877	Wood AR et al., 2014	2014	25282103	European
642	rs2272566	<i>PSMD13</i>	11	244552	Wood AR et al., 2014	2014	25282103	European
643	rs4320932	<i>INS-IGF2</i>	11	2171601	Wood AR et al., 2014	2014	25282103	European
644	rs17659078	<i>ASCL2</i>	11	2284590	Wood AR et al., 2014	2014	25282103	European
645	rs2075870	<i>KCNQ1</i>	11	2790019	Lanktree MB et al., 2011	2011	21194676	European
646	rs12288355	<i>SBF2</i>	11	10072849	Lei SF et al., 2009	2009	19039035	European
647	rs7119000	<i>SBF2</i>	11	10096240	Lei SF et al., 2009	2009	19039035	European

648	rs11042617	<i>SBF2</i>	11	10108484	Lei SF et al., 2009	2009	19039035	European
649	rs10734652	<i>SBF2</i>	11	10150212	Lei SF et al., 2009	2009	19039035	European
650	rs4323860	<i>SBF2</i>	11	10159883	Lei SF et al., 2009	2009	19039035	European
651	rs11042666	<i>SBF2</i>	11	10227393	Lei SF et al., 2009	2009	19039035	European
652	rs1867138	<i>SBF2</i>	11	10228728	Lei SF et al., 2009	2009	19039035	European
653	rs11042702	<i>SBF2</i>	11	10287988	Lei SF et al., 2009	2009	19039035	European
654	rs7108358	<i>SBF2</i>	11	10294840	Lei SF et al., 2009	2009	19039035	European
655	rs6484147	<i>SBF2</i>	11	10295103	Lei SF et al., 2009	2009	19039035	European
656	rs11042714	<i>SBF2</i>	11	10295651	Lei SF et al., 2009	2009	19039035	European
657	rs10500724	<i>SBF2</i>	11	10302016	Lei SF et al., 2009	2009	19039035	European
658	rs11042717	<i>SBF2</i>	11	10303939	Lei SF et al., 2009	2009	19039035	European
659	rs11607174	<i>SBF2</i>	11	10306028	Lei SF et al., 2009	2009	19039035	European
660	rs6485978	<i>TEAD1</i>	11	12678415	Wood AR et al., 2014	2014	25282103	European
661	rs7926971	<i>TEAD1</i>	11	12698040	Lango Allen H et al., 2010	2010	20881960	European
662	rs7937898		11	12703561	Yang J et al., 2012	2012	22426310	European
663	rs2033908		11	12838286	Chan Y et al., 2015	2015	25865494	Various
664	rs2099745	<i>TEAD1</i>	11	12924265	Wood AR et al., 2014	2014	25282103	European
665	rs10766065	<i>ARNTL</i>	11	13277961	Chan Y et al., 2015	2015	25865494	Various
666	rs2915404	<i>RRAS2</i>	11	14404825	Chan Y et al., 2015	2015	25865494	Various
667	rs1330	<i>NUCB2</i>	11	17316029	Lango Allen H et al., 2010	2010	20881960	European
668	rs757081	<i>NUCB2</i>	11	17351683	Wood AR et al., 2014	2014	25282103	European
669	rs11024739	<i>SPTY2D1</i>	11	18645843	He M et al., 2015	2015	25429064	East Asian
670	rs6483645	<i>DBX1</i>	11	20171947	Cho YS et al., 2009	2009	19396169	Korean
671	rs7481109		11	27298062	Chan Y et al., 2015	2015	25865494	Various
672	rs10767838	<i>C11orf46</i>	11	30347927	Wood AR et al., 2014	2014	25282103	European
673	rs3802758	<i>PEX16</i>	11	45936035	Wood AR et al., 2014	2014	25282103	European
674	rs1681630	<i>PTPRJ</i>	11	47969152	Wood AR et al., 2014	2014	25282103	European
675	rs4752805	<i>PTPRJ</i>	11	48018355	Lanktree MB et al., 2011	2011	21194676	European

676	rs10838801	<i>PTPRJ/SLC39A13</i>	11	48098280	Lango Allen H et al., 2010	2010	20881960	European
677	rs1814175	<i>FOLH1</i>	11	49559172	Lango Allen H et al., 2010	2010	20881960	European
678	rs11228763	<i>OR9G1,OR9G4</i>	11	56511160	Cho YS et al., 2009	2009	19396169	Korean
679	rs174547	<i>FADS1</i>	11	61570783	He M et al., 2015	2015	25429064	East Asian
680	rs3782089	<i>SSSCA1</i>	11	65336819	Wood AR et al., 2014	2014	25282103	European
681	rs4630309	<i>BBS1-CTSF</i>	11	66333072	Lanktree MB et al., 2011	2011	21194676	European
682	rs2510396	<i>GAL</i>	11	68417652	Wood AR et al., 2014	2014	25282103	European
683	rs3750972	<i>TPCN2</i>	11	68830628	Wood AR et al., 2014	2014	25282103	European
684	rs1938679	<i>CCND1</i>	11	69272096	He M et al., 2015	2015	25429064	East Asian
685	rs2509133	<i>TMEM16A</i>	11	69933717	Wood AR et al., 2014	2014	25282103	European
686	rs11236294	<i>NEU3</i>	11	74739934	Wood AR et al., 2014	2014	25282103	European
687	rs606452	<i>SERPINH1</i>	11	75276178	He M et al., 2015	2015	25429064	European, East Asian
688	rs634552	<i>SERPINH1</i>	11	75282052	Lango Allen H et al., 2010	2010	20881960	European
689	rs494459	<i>TREH</i>	11	118574675	Lango Allen H et al., 2010	2010	20881960	European
690	rs632124	<i>DDX6</i>	11	118613235	Wood AR et al., 2014	2014	25282103	European
691	rs2510897		11	118644582	Yang J et al., 2012	2012	22426310	European
692	rs10790381	<i>ARHGEF12</i>	11	120257495	Wood AR et al., 2014	2014	25282103	European
693	rs1461503	<i>BSX</i>	11	122845075	Wood AR et al., 2014	2014	25282103	European
694	rs11221442	<i>FLII</i>	11	128577624	Wood AR et al., 2014	2014	25282103	European
695	rs654723	<i>FLII</i>	11	128586155	Lango Allen H et al., 2010	2010	20881960	European
696	rs7299326	<i>ERC1</i>	12	1573005	Chan Y et al., 2015	2015	25865494	Various
697	rs2187642	<i>ETV6</i>	12	11855624	Gudbjartsson DF et al., 2008	2008	18391951	European
698	rs2856321	<i>ETV6</i>	12	11855773	Wood AR et al., 2014	2014	25282103	European
699	rs12228415	<i>ATF7IP</i>	12	14520701	Chan Y et al., 2015	2015	25865494	Various
700	rs4326884	<i>PDE3A</i>	12	20536371	Wood AR et al., 2014	2014	25282103	European
701	rs7137534	<i>PDE3A</i>	12	20831777	Lanktree MB et al., 2011	2011	21194676	European
702	rs10770705	<i>SLCO1C1</i>	12	20857467	Wood AR et al., 2014	2014	25282103	European

703	rs11047239	<i>SOX5</i>	12	24207780	Wood AR et al., 2014	2014	25282103	European
704	rs1861908	<i>KLHDC5</i>	12	27997409	Chan Y et al., 2015	2015	25865494	Various
705	rs10492364	<i>PTHLH</i>	12	28112256	Chan Y et al., 2015	2015	25865494	Various
706	rs2638953	<i>CCDC91</i>	12	28534415	Lango Allen H et al., 2010	2010	20881960	European
707	rs11049611	<i>CCDC91</i>	12	28600244	Wood AR et al., 2014	2014	25282103	European
708	rs12820411	<i>CCDC91</i>	12	28952342	Wood AR et al., 2014	2014	25282103	European
709	rs10843390	<i>ERGIC2</i>	12	29496991	Wood AR et al., 2014	2014	25282103	European
710	rs10880969	<i>SLC38A2</i>	12	46827023	Wood AR et al., 2014	2014	25282103	European
711	rs10875798		12	48732884	Chan Y et al., 2015	2015	25865494	Various
712	rs11170624	<i>ATF7</i>	12	54030238	He M et al., 2015	2015	25429064	Asian
713	rs11170631	<i>ATF7-ATP5G2</i>	12	54041192	Okada Y et al., 2010	2010	20189936	Japanese
714	rs1971762	<i>ATP5G2</i>	12	54058238	He M et al., 2015	2015	25429064	Asian
715	rs2306694	<i>CS</i>	12	56680636	Wood AR et al., 2014	2014	25282103	European
716	rs703830		12	56701872	Yang J et al., 2012	2012	22426310	European
717	rs2066808	<i>STAT2</i>	12	56737973	He M et al., 2015	2015	25429064	European
718	rs10877030	<i>CTDSP2</i>	12	58256714	Wood AR et al., 2014	2014	25282103	European
719	rs2164968	<i>MSRB3</i>	12	65677086	Wood AR et al., 2014	2014	25282103	European
720	rs1480474	<i>HMGA2</i>	12	66326943	Soranzo N et al., 2009	2009	19343178	European
721	rs1351394	<i>HMGA2</i>	12	66351826	Lango Allen H et al., 2010	2010	20881960	European
722	rs867633	<i>HMGA2</i>	12	66354911	Lanktree MB et al., 2011	2011	21194676	European
723	rs1042725	<i>HMGA2</i>	12	66358347	Weedon MN et al., 2008	2008	18391952	European
724	rs8756	<i>HMGA2</i>	12	66359752	Wood AR et al., 2014	2014	25282103	European
725	rs10748128	<i>FRS2</i>	12	69827658	Wood AR et al., 2014	2014	25282103	European
726	rs11177669	<i>LYZ, YEATS4, FRS2, CPSF6, CCT2,LRRC10</i>	12	69828681	Gudbjartsson DF et al., 2008	2008	18391951	European
727	rs3782415	<i>SOCS2</i>	12	93967755	Lanktree MB et al., 2011	2011	21194676	European
728	rs3825199	<i>SOCS2</i>	12	93976954	Wood AR et al., 2014	2014	25282103	European
729	rs11107116	<i>SOCS2</i>	12	93978504	He M et al., 2015	2015	25429064	European

730	rs11107124		12	93988283	Chan Y et al., 2015	2015	25865494	Various
731	rs2885691		12	94122219	Yang J et al., 2012	2012	22426310	European
732	rs10859567	<i>CRADD</i>	12	94126925	Wood AR et al., 2014	2014	25282103	European
733	rs7971536	<i>CCDC53</i>	12	102373788	Wood AR et al., 2014	2014	25282103	European
734	rs2271266	<i>NUP37</i>	12	102506044	He M et al., 2015	2015	25429064	Asian
		<i>NUP37,</i>						
735	rs2292303	<i>C12orf48,</i>	12	102513531	Kim JJ et al., 2010	2010	19893584	Korean
		<i>PMCH</i>						
736	rs7313075	<i>IGF1</i>	12	102630679	He M et al., 2015	2015	25429064	Asian
737	rs12426318	<i>IGF1</i>	12	102635521	Kim JJ et al., 2010	2010	19893584	Korean
738	rs1520223	<i>IGF1</i>	12	102726338	Kim JJ et al., 2010	2010	19893584	Korean
739	rs5742692	<i>IGF1</i>	12	102799598	Okada Y et al., 2010	2010	20189936	Japanese
740	rs2072592	<i>IGF1</i>	12	102813632	Kim JJ et al., 2010	2010	19893584	Korean
741	rs833706	<i>PAH</i>	12	103062597	Wood AR et al., 2014	2014	25282103	European
742	rs2164747	<i>HSP90B1</i>	12	104344836	Wood AR et al., 2014	2014	25282103	European
743	rs2888893	<i>C12orf23</i>	12	107338631	Wood AR et al., 2014	2014	25282103	European
744	rs11616067	<i>MED13L</i>	12	116393174	Wood AR et al., 2014	2014	25282103	European
745	rs4767473	<i>FBXW8</i>	12	117365506	Wood AR et al., 2014	2014	25282103	European
746	rs497273	<i>SPPL3</i>	12	121204682	Wood AR et al., 2014	2014	25282103	European
747	rs11835818	<i>BCL7A</i>	12	122494809	Wood AR et al., 2014	2014	25282103	European
748	rs11057552	<i>FAM101A</i>	12	124750895	Wood AR et al., 2014	2014	25282103	European
749	rs1809889	<i>FAM101A</i>	12	124801226	Wood AR et al., 2014	2014	25282103	European
750	rs11246833	<i>LOC729110</i>	12	132057720	Cho YS et al., 2009	2009	19396169	Korean
751	rs1199734	<i>LATS2</i>	13	21570246	Wood AR et al., 2014	2014	25282103	European
752	rs12323101	<i>PDS5B</i>	13	33143406	Wood AR et al., 2014	2014	25282103	European
753	rs7332115	<i>PDS5B/BRCA2</i>	13	33147548	Lango Allen H et al., 2010	2010	20881960	European
754	rs7327412		13	33348568	Yang J et al., 2012	2012	22426310	European
755	rs12863103	<i>STARD13</i>	13	33723244	Wood AR et al., 2014	2014	25282103	European
756	rs6561030	<i>DGKH</i>	13	42631719	Okada Y et al., 2010	2010	20189936	Japanese

757	rs6561319	<i>LRCH1</i>	13	47112120	Wood AR et al., 2014	2014	25282103	European
758	rs12871822	<i>CYSLTR2</i>	13	49201040	Chan Y et al., 2015	2015	25865494	Various
759	rs2687950	<i>KCNRG</i>	13	50718468	Wood AR et al., 2014	2014	25282103	European
760	rs1753637	<i>DLEU7</i>	13	51084173	Wood AR et al., 2014	2014	25282103	European
761	rs3118905	<i>DLEU7</i>	13	51105334	Wood AR et al., 2014	2014	25282103	European
762	rs1239947	<i>DLEU7</i>	13	51106555	Gudbjartsson DF et al., 2008	2008	18391951	European
763	rs3116602	<i>DLEU7</i>	13	51111355	Weedon MN et al., 2008	2008	18391952	European
764	rs3118912	<i>DLEU7</i>	13	51111464	Soranzo N et al., 2009	2009	19343178	European
765	rs3118914	<i>DLEU7</i>	13	51116901	Soranzo N et al., 2009	2009	19343178	European
766	rs3116607	<i>DLEU7</i>	13	51122118	Soranzo N et al., 2009	2009	19343178	European
767	rs3118916	<i>DLEU7</i>	13	51136808	Soranzo N et al., 2009	2009	19343178	European
768	rs4883972	<i>KLF12</i>	13	75058481	Wood AR et al., 2014	2014	25282103	European
769	rs3818416	<i>EDNRB</i>	13	78474468	Wood AR et al., 2014	2014	25282103	European
770	rs11616380	<i>SPRY2</i>	13	80705315	Chan Y et al., 2015	2015	25865494	Various
771	rs6563199	<i>SPRY2</i>	13	81550449	Chan Y et al., 2015	2015	25865494	Various
772	rs8002779	<i>GPC5</i>	13	92015977	Okada Y et al., 2010	2010	20189936	Japanese
773	rs7319045	<i>GPC5</i>	13	92024574	Wood AR et al., 2014	2014	25282103	European
774	rs2793701	<i>RAP2A</i>	13	98400606	He M et al., 2015	2015	25429064	East Asian
775	rs7985356	<i>CDC16</i>	13	115027462	Wood AR et al., 2014	2014	25282103	European
776	rs8017130	<i>HOMER</i>	14	23759156	Wood AR et al., 2014	2014	25282103	European
777	rs1950500	<i>NFATC4</i>	14	24830850	Wood AR et al., 2014	2014	25282103	European
778	rs12590407	<i>NFATC4</i>	14	24835115	Lanktree MB et al., 2011	2011	21194676	European
779	rs12435366	<i>NFKB1A</i>	14	35838389	Wood AR et al., 2014	2014	25282103	European
780	rs10132817	<i>NKX2-1, MBIP, NKX2-8, PAX9</i>	14	36901937	Gudbjartsson DF et al., 2008	2008	18391951	European
781	rs17104630	<i>NKX2-1</i>	14	37000049	Lettre G et al., 2008	2008	18391950	European
782	rs10131337	<i>PAX9</i>	14	37144516	Wood AR et al., 2014	2014	25282103	European
783	rs6571772	<i>SLC25A21</i>	14	37477461	Wood AR et al., 2014	2014	25282103	European

784	rs8006657	<i>SAMD4A</i>	14	55245149	Wood AR et al., 2014	2014	25282103	European
785	rs709939	<i>SAMD4A</i>	14	55249345	Lanktree MB et al., 2011	2011	21194676	European
786	rs11624136	<i>DAAMI</i>	14	59688820	Wood AR et al., 2014	2014	25282103	European
787	rs2093210	<i>C14orf39</i>	14	60957279	Wood AR et al., 2014	2014	25282103	European
788	rs2781373	<i>MAX</i>	14	65568215	Wood AR et al., 2014	2014	25282103	European
789	rs2058092	<i>NUMB</i>	14	73932966	Chan Y et al., 2015	2015	25865494	Various
790	rs699371	<i>LTBP2</i>	14	74989433	He M et al., 2015	2015	25429064	European
791	rs862034	<i>LTBP2</i>	14	74990746	Wood AR et al., 2014	2014	25282103	European
792	rs10140101	<i>LTBP2</i>	14	75038689	Chan Y et al., 2015	2015	25865494	Various
793	rs910316	<i>TMED10</i>	14	75626042	Soranzo N et al., 2009	2009	19343178	European
794	rs17110818	<i>C14orf145</i>	14	81051353	Cho YS et al., 2009	2009	19396169	Korean
795	rs3783937	<i>FBLN5</i>	14	92407693	Lettre G et al., 2008	2008	18391950	European
796	rs7153027	<i>FBLN5</i>	14	92427222	He M et al., 2015	2015	25429064	European
797	rs7154721	<i>TRIP11</i>	14	92427348	Wood AR et al., 2014	2014	25282103	European
798	rs2160077		14	92428410	Yang J et al., 2012	2012	22426310	European
799	rs8007661	<i>TRIP11-ATXN3</i>	14	92459958	Lettre G et al., 2008	2008	18391950	European
800	rs7158300	<i>TRIP11</i>	14	92482948	He M et al., 2015	2015	25429064	European
801	rs7155279	<i>TRIP11</i>	14	92485881	Lango Allen H et al., 2010	2010	20881960	European
802	rs1190545	<i>KIAA0329</i>	14	102904179	Wood AR et al., 2014	2014	25282103	European
803	rs12882130	<i>MARK3</i>	14	103878774	Wood AR et al., 2014	2014	25282103	European
804	rs10152739	<i>SPRED1</i>	15	38483866	Wood AR et al., 2014	2014	25282103	European
805	rs1036477	<i>FBN1</i>	15	48914926	Wood AR et al., 2014	2014	25282103	European
806	rs10744956	<i>AP4E1</i>	15	51269629	Wood AR et al., 2014	2014	25282103	European
807	rs16964211	<i>CYP19A1</i>	15	51530495	Wood AR et al., 2014	2014	25282103	European
808	rs2305707	<i>CYP19A1</i>	15	51569410	Okada Y et al., 2010	2010	20189936	Japanese
809	rs10519302	<i>CYP19A1</i>	15	51599683	He M et al., 2015	2015	25429064	European
810	rs3751591	<i>CYP19A1</i>	15	51606710	Lanktree MB et al., 2011	2011	21194676	European
811	rs782930	<i>RORA</i>	15	61408362	Wood AR et al., 2014	2014	25282103	European
812	rs7177711	<i>FAM148A</i>	15	62379971	Wood AR et al., 2014	2014	25282103	European

813	rs7178424	<i>C2CD4A</i>	15	62380259	Lango Allen H et al., 2010	2010	20881960	European
814	rs7162825	<i>LACTB</i>	15	63439186	Wood AR et al., 2014	2014	25282103	European
815	rs17264185	<i>SMAD6</i>	15	66997087	Wood AR et al., 2014	2014	25282103	European
816	rs975210	<i>TLE3</i>	15	70364352	Wood AR et al., 2014	2014	25282103	European
817	rs11634405	<i>THSD4</i>	15	72084693	Wood AR et al., 2014	2014	25282103	European
818	rs12902421	<i>MYO9A</i>	15	72161403	Lango Allen H et al., 2010	2010	20881960	European
819	rs12904334	<i>ARIHI</i>	15	72842705	Wood AR et al., 2014	2014	25282103	European
820	rs4337252	<i>LOXLI</i>	15	74226765	Wood AR et al., 2014	2014	25282103	European
821	rs12440667		15	74231439	Yang J et al., 2012	2012	22426310	European
822	rs4886707	<i>SIN3A-PTPN9</i>	15	75755467	Okada Y et al., 2010	2010	20189936	Japanese
823	rs7184046	<i>PTPN9</i>	15	75866150	He M et al., 2015	2015	25429064	East Asian
824	rs16968242	<i>SCAPER</i>	15	76740219	Wood AR et al., 2014	2014	25282103	European
825	rs11858942	<i>TMED3</i>	15	79604782	Lettre G et al., 2008	2008	18391950	European
826	rs12914466	<i>TMC3</i>	15	81836638	Wood AR et al., 2014	2014	25282103	European
827	rs2257011	<i>SH3GL3</i>	15	84266145	Wood AR et al., 2014	2014	25282103	European
828	rs2562784	<i>SH3GL3- ADAMTSL3</i>	15	84286492	Lettre G et al., 2008	2008	18391950	European
829	rs2554380	<i>ADAMTSL3, SH3GL3</i>	15	84315884	Gudbjartsson DF et al., 2008	2008	18391951	European
830	rs11853983		15	84462810	Chan Y et al., 2015	2015	25865494	Various
831	rs7162542	<i>ADAMTSL3</i>	15	84514290	Wood AR et al., 2014	2014	25282103	European
832	rs2401171	<i>ADAMTSL3</i>	15	84557676	He M et al., 2015	2015	25429064	European
833	rs10906982	<i>ADAMTSL3</i>	15	84568158	Weedon MN et al., 2008	2008	18391952	European
834	rs7183263	<i>ADAMTSL3</i>	15	84573041	Okada Y et al., 2010	2010	20189936	Japanese
835	rs11259936	<i>ADAMTSL3</i>	15	84580582	Lango Allen H et al., 2010	2010	20881960	European
836	rs4842838	<i>ADAMTSL3</i>	15	84582124	Soranzo N et al., 2009	2009	19343178	European
837	rs2011013		15	84625766	Chan Y et al., 2015	2015	25865494	Various
838	rs12148239		15	84641018	Yang J et al., 2012	2012	22426310	European
839	rs11855014	<i>PDE8A</i>	15	85728834	Wood AR et al., 2014	2014	25282103	European

840	rs1348002	<i>DETI</i>	15	89113138	Wood AR et al., 2014	2014	25282103	European
841	rs11633371	<i>ACAN</i>	15	89356832	Wood AR et al., 2014	2014	25282103	European
842	rs8041863	<i>ACAN</i>	15	89359689	Weedon MN et al., 2008	2008	18391952	European
843	rs4932429		15	89363532	Yang J et al., 2012	2012	22426310	European
844	rs2280470	<i>ACAN</i>	15	89395626	Wood AR et al., 2014	2014	25282103	European
845	rs2238300	<i>FANCI</i>	15	89851580	Wood AR et al., 2014	2014	25282103	European
846	rs8028843	<i>RGMA</i>	15	94028149	Chan Y et al., 2015	2015	25865494	Various
847	rs7181724	<i>MCTP2</i>	15	94551607	Wood AR et al., 2014	2014	25282103	European
848	rs2871865	<i>IGF1R</i>	15	99194896	He M et al., 2015	2015	25429064	European
849	rs2573625	<i>ADAMTS17</i>	15	100513158	Wood AR et al., 2014	2014	25282103	European
850	rs2573652	<i>ADAMTS17</i>	15	100514614	He M et al., 2015	2015	25429064	European
851	rs12916269		15	100530216	Yang J et al., 2012	2012	22426310	European
852	rs4246302	<i>ADAMTS17</i>	15	100687967	Wood AR et al., 2014	2014	25282103	European
853	rs2035344		15	100690148	Yang J et al., 2012	2012	22426310	European
854	rs4965598	<i>ADAMTS17</i>	15	100759614	Lango Allen H et al., 2010	2010	20881960	European
855	rs4548838	<i>ADAMTS17</i>	15	100761190	Wood AR et al., 2014	2014	25282103	European
856	rs4533267	<i>ADAMTS17</i>	15	100786271	Gudbjartsson DF et al., 2008	2008	18391951	European
857	rs7170986	<i>LRRK1</i>	15	101632867	Wood AR et al., 2014	2014	25282103	European
858	rs8042424	<i>CHSY1</i>	15	101762539	Wood AR et al., 2014	2014	25282103	European
859	rs763014	<i>RAB40C</i>	16	675680	Lettre G et al., 2008	2008	18391950	European
860	rs12597498	<i>LMF1</i>	16	990815	Wood AR et al., 2014	2014	25282103	European
861	rs2014467	<i>ABCA3</i>	16	2336394	Wood AR et al., 2014	2014	25282103	European
862	rs129963	<i>CREBBP</i>	16	3796147	Wood AR et al., 2014	2014	25282103	European
863	rs960006	<i>UBN1</i>	16	4911195	Wood AR et al., 2014	2014	25282103	European
864	rs1659127	<i>MKL2-PARN</i>	16	14388305	He M et al., 2015	2015	25429064	European
865	rs1136001	<i>PDXDC1- NTAN1</i>	16	15131974	Okada Y et al., 2010	2010	20189936	Japanese
866	rs2023693	<i>DCUNID3</i>	16	20880040	Wood AR et al., 2014	2014	25282103	European

867	rs11642612	<i>FLJ25404</i>	16	30030195	Wood AR et al., 2014	2014	25282103	European
868	rs4785393	<i>PAPD5</i>	16	50259483	Wood AR et al., 2014	2014	25282103	European
869	rs9929889	<i>SALL1</i>	16	51094038	Wood AR et al., 2014	2014	25282103	European
870	rs8058684	<i>RBL2</i>	16	53515118	Wood AR et al., 2014	2014	25282103	European
871	rs604129		16	66704310	Chan Y et al., 2015	2015	25865494	Various
872	rs3790086	<i>WWP2</i>	16	69887707	Wood AR et al., 2014	2014	25282103	European
873	rs217181	<i>HPR</i>	16	72114002	Wood AR et al., 2014	2014	25282103	European
874	rs11640018	<i>CFDP1</i>	16	75328308	Wood AR et al., 2014	2014	25282103	European
875	rs7189843	<i>PLCG2</i>	16	81902139	Cho YS et al., 2009	2009	19396169	Korean
876	rs6420435	<i>MPHOSPH6</i>	16	82184201	Wood AR et al., 2014	2014	25282103	European
877	rs6563943	<i>CDH13</i>	16	83639335	Okada Y et al., 2010	2010	20189936	Japanese
878	rs2326458	<i>ZDHHC7</i>	16	84987679	Wood AR et al., 2014	2014	25282103	European
879	rs4843367	<i>FOXF1</i>	16	86417890	Wood AR et al., 2014	2014	25282103	European
880	rs300039	<i>FOXL1</i>	16	86688976	Chan Y et al., 2015	2015	25865494	Various
881	rs2377058	<i>C16orf55</i>	16	89734831	Chan Y et al., 2015	2015	25865494	Various
882	rs258324	<i>CDK10</i>	16	89754255	He M et al., 2015	2015	25429064	East Asian
883	rs870183	<i>VPS53</i>	17	599811	Wood AR et al., 2014	2014	25282103	European
884	rs9217	<i>ZBTB4</i>	17	7363088	Wood AR et al., 2014	2014	25282103	European
885	rs8071847	<i>POLR2A</i>	17	7407327	Lanktree MB et al., 2011	2011	21194676	European
886	rs8073177	<i>TNFSF12</i>	17	7440584	Chan Y et al., 2015	2015	25865494	Various
887	rs2270518	<i>KDM6B</i>	17	7758522	He M et al., 2015	2015	25429064	East Asian
888	rs8069300	<i>MAP2K4</i>	17	11984232	Wood AR et al., 2014	2014	25282103	European
889	rs3110496	<i>ANKRD13B</i>	17	27917771	Lango Allen H et al., 2010	2010	20881960	European
890	rs871014		17	27945339	Yang J et al., 2012	2012	22426310	European
891	rs3809790	<i>SSH2</i>	17	27955540	Chan Y et al., 2015	2015	25865494	Various
892	rs3764419	<i>ATAD5/RNF135</i>	17	29164023	Lango Allen H et al., 2010	2010	20881960	European
893	rs9889755	<i>C17orf42</i>	17	29234505	Chan Y et al., 2015	2015	25865494	Various
894	rs3760318	<i>CENTA2</i>	17	29247715	Wood AR et al., 2014	2014	25282103	European
895	rs2028067	<i>UTP6</i>	17	30239698	Wood AR et al., 2014	2014	25282103	European

896	rs1043515	<i>PIP4K2B</i>	17	36922196	Lango Allen H et al., 2010	2010	20881960	European
897	rs2338115	<i>PIP4K2B</i>	17	36929578	Wood AR et al., 2014	2014	25282103	European
898	rs584828	<i>IGFBP4</i>	17	38599230	Wood AR et al., 2014	2014	25282103	European
899	rs2315504	<i>KRT23, KRT20</i>	17	39046881	He M et al., 2015	2015	25429064	East Asian
900	rs16966703	<i>KRT33A</i>	17	39502398	Lei SF et al., 2009	2009	19039035	Chinese
901	rs9766	<i>EZH1</i>	17	40852841	Wood AR et al., 2014	2014	25282103	European
902	rs4986172	<i>ACBD4</i>	17	43216281	Wood AR et al., 2014	2014	25282103	European
903	rs6504389	<i>HOXB3</i>	17	46643364	Chan Y et al., 2015	2015	25865494	Various
904	rs318095	<i>ATP5G1</i>	17	46974734	Wood AR et al., 2014	2014	25282103	European
905	rs8182364		17	47018025	Yang J et al., 2012	2012	22426310	European
906	rs2072153	<i>ZNF652</i>	17	47390014	Wood AR et al., 2014	2014	25282103	European
907	rs4605213	<i>NME1- NME2/NME2</i>	17	49244747	Wood AR et al., 2014	2014	25282103	European
908	rs11867943	<i>ANKFN1</i>	17	54229842	Wood AR et al., 2014	2014	25282103	European
909	rs12449568	<i>ANKFN1</i>	17	54430155	Lettre G et al., 2008	2008	18391950	European
910	rs227724	<i>C17orf67</i>	17	54778817	Wood AR et al., 2014	2014	25282103	European
911	rs1401795	<i>C17orf67</i>	17	54839652	Wood AR et al., 2014	2014	25282103	European
912	rs4794665		17	54850329	Yang J et al., 2012	2012	22426310	European
913	rs9892365	<i>TBX2</i>	17	59491384	Lanktree MB et al., 2011	2011	21194676	European
914	rs758598	<i>C17orf82, TBX4</i>	17	59492714	Kim JJ et al., 2010	2010	19893584	Korean
915	rs1076392	<i>C17orf82, TBX4</i>	17	59493008	Kim JJ et al., 2010	2010	19893584	Korean
916	rs882367		17	59494574	Chan Y et al., 2015	2015	25865494	Various
917	rs2079795	<i>C17orf82</i>	17	59496649	Wood AR et al., 2014	2014	25282103	European
918	rs757608	<i>TBX4</i>	17	59497277	He M et al., 2015	2015	25429064	European
919	rs2378870	<i>NACA2</i>	17	59638623	Wood AR et al., 2014	2014	25282103	European
920	rs12451513		17	59642328	Yang J et al., 2012	2012	22426310	European
921	rs7209435	<i>MAP3K3, WDR68, LYK5, MTIF</i>	17	61712964	Gudbjartsson DF et al., 2008	2008	18391951	European

922	rs8081612	<i>MAP3K3</i>	17	61724695	Lanktree MB et al., 2011	2011	21194676	European
923	rs12325866	<i>MAP3K3</i>	17	61755974	Soranzo N et al., 2009	2009	19343178	European
924	rs3785574	<i>MAP3K3</i>	17	61763185	He M et al., 2015	2015	25429064	European, East Asian
925	rs2854207	<i>CSH2</i>	17	61947107	Wood AR et al., 2014	2014	25282103	European
926	rs2854160	<i>CSH1</i>	17	61977248	He M et al., 2015	2015	25429064	European
927	rs7921	<i>GH1-GH2</i>	17	62006259	Lanktree MB et al., 2011	2011	21194676	European
928	rs2070776	<i>CD79B</i>	17	62007498	Wood AR et al., 2014	2014	25282103	European
929	rs3923086	<i>AXIN2</i>	17	63549488	Wood AR et al., 2014	2014	25282103	European
930	rs2072268	<i>ARSG</i>	17	66303352	Wood AR et al., 2014	2014	25282103	European
931	rs11867479	<i>KCNJ16</i>	17	68090207	Wood AR et al., 2014	2014	25282103	European
932	rs10083886	<i>SOX9</i>	17	69923355	Wood AR et al., 2014	2014	25282103	European
933	rs2158917		17	69926109	Yang J et al., 2012	2012	22426310	European
934	rs2117563	<i>GRB2</i>	17	73368985	Wood AR et al., 2014	2014	25282103	European
935	rs959260	<i>GRB2</i>	17	73369422	Lanktree MB et al., 2011	2011	21194676	European
936	rs1552173	<i>PSCD1</i>	17	76718842	Wood AR et al., 2014	2014	25282103	European
937	rs2279308		17	76794981	Yang J et al., 2012	2012	22426310	European
938	rs4239020	<i>CCDC57</i>	17	80176641	Wood AR et al., 2014	2014	25282103	European
939	rs692964	<i>CEP192</i>	18	13094132	Wood AR et al., 2014	2014	25282103	European
940	rs4800367		18	18637097	Chan Y et al., 2015	2015	25865494	Various
941	rs291794		18	18983118	Chan Y et al., 2015	2015	25865494	Various
942	rs2850575		18	19235006	Chan Y et al., 2015	2015	25865494	Various
943	rs14062	<i>MIB1</i>	18	19450303	Wood AR et al., 2014	2014	25282103	European
944	rs8098316	<i>RBBP8</i>	18	20672555	He M et al., 2015	2015	25429064	European, East Asian
945	rs4800148	<i>CABLES1, RBBP8, C18orf45</i>	18	20724328	Gudbjartsson DF et al., 2008	2008	18391951	European
946	rs4800452	<i>CABLES1</i>	18	20727611	Lango Allen H et al., 2010	2010	20881960	European
947	rs4369779	<i>CABLES1</i>	18	20735408	He M et al., 2015	2015	25429064	European
948	rs4308051		18	20735461	Chan Y et al., 2015	2015	25865494	Various

949	rs8094261		18	20746728	Kim JJ et al., 2010	2010	19893584	Korean
950	rs16958440		18	44632884	Chan Y et al., 2015	2015	25865494	Various
951	rs11661645	<i>KIAA0427</i>	18	45888770	Wood AR et al., 2014	2014	25282103	European
952	rs12454567	<i>KIAA0427</i>	18	46270114	Wood AR et al., 2014	2014	25282103	European
953	rs2337143	<i>SMAD7</i>	18	46482070	Wood AR et al., 2014	2014	25282103	European
954	rs16950303	<i>DYM</i>	18	46582359	He M et al., 2015	2015	25429064	European, East Asian
955	rs12458127	<i>DYM</i>	18	46657358	Wood AR et al., 2014	2014	25282103	European
956	rs8099594	<i>DYM</i>	18	46991160	Weedon MN et al., 2008	2008	18391952	European
957	rs12958987	<i>DCC</i>	18	50359002	Lettre G et al., 2008	2008	18391950	European
958	rs8098032		18	53239302	Chan Y et al., 2015	2015	25865494	Various
959	rs12458596		18	53410912	Chan Y et al., 2015	2015	25865494	Various
960	rs17782313	<i>MC4R</i>	18	57851097	Lango Allen H et al., 2010	2010	20881960	European
961	rs10871777		18	57851763	Yang J et al., 2012	2012	22426310	European
962	rs11152213	<i>MC4R</i>	18	57852948	Wood AR et al., 2014	2014	25282103	European
963	rs8097893	<i>GALRI</i>	18	74983055	Wood AR et al., 2014	2014	25282103	European
964	rs11659752	<i>NFATC1</i>	18	77222862	Wood AR et al., 2014	2014	25282103	European
965	rs12986413	<i>DOTIL</i>	19	2170954	He M et al., 2015	2015	25429064	East Asian
966	rs11880992	<i>DOTIL</i>	19	2176403	Wood AR et al., 2014	2014	25282103	European
967	rs12982744	<i>DOTIL</i>	19	2177193	Lango Allen H et al., 2010	2010	20881960	European
968	rs2123731	<i>UHRF1</i>	19	4929473	Wood AR et al., 2014	2014	25282103	European
969	rs8108622	<i>INSR</i>	19	7182753	Lanktree MB et al., 2011	2011	21194676	European
970	rs891088	<i>INSR</i>	19	7184762	Wood AR et al., 2014	2014	25282103	European
971	rs10413734		19	7227871	Yang J et al., 2012	2012	22426310	European
972	rs1346490	<i>INSR</i>	19	7244233	Wood AR et al., 2014	2014	25282103	European
973	rs7249094	<i>ADAMTS10,</i> <i>MYO1F,</i> <i>PRAMI, OR2Z1</i>	19	8672000	Gudbjartsson DF et al., 2008	2008	18391951	European
974	rs2228612	<i>ADAMTS10</i>	19	10273372	Lanktree MB et al., 2011	2011	21194676	European
975	rs6511689	<i>SIPR2</i>	19	10321089	Wood AR et al., 2014	2014	25282103	European

976	rs7250071	<i>ILF3</i>	19	10765819	He M et al., 2015	2015	25429064	East Asian
977	rs8102380	<i>ILF3</i>	19	10801185	Wood AR et al., 2014	2014	25282103	European
978	rs12459943	<i>DNM2</i>	19	10859508	He M et al., 2015	2015	25429064	East Asian
979	rs7259684	<i>LOC729747</i>	19	12186611	Chan Y et al., 2015	2015	25865494	Various
980	rs2279008	<i>MYO9B</i>	19	17283303	Lango Allen H et al., 2010	2010	20881960	European
981	rs10401193	<i>GATAD2A</i>	19	19591066	Wood AR et al., 2014	2014	25282103	European
982	rs4802134	<i>SIPAIL3</i>	19	38346685	Wood AR et al., 2014	2014	25282103	European
983	rs4803468	<i>BCKDHA</i>	19	41922352	Wood AR et al., 2014	2014	25282103	European
984	rs17318596	<i>ATP5SL</i>	19	41937095	Lango Allen H et al., 2010	2010	20881960	European
985	rs11880124	<i>DEDD2</i>	19	42683791	Wood AR et al., 2014	2014	25282103	European
986	rs7273787	<i>SMOX</i>	20	4098567	Wood AR et al., 2014	2014	25282103	European
987	rs1741344	<i>SMOX</i>	20	4101800	Lango Allen H et al., 2010	2010	20881960	European
988	rs17721822	<i>BMP2</i>	20	6469596	Wood AR et al., 2014	2014	25282103	European
989	rs1884897	<i>BMP2</i>	20	6612832	Wood AR et al., 2014	2014	25282103	European
990	rs967417	<i>BMP2</i>	20	6620893	Gudbjartsson DF et al., 2008	2008	18391951	European
991	rs2145272	<i>BMP2</i>	20	6626218	He M et al., 2015	2015	25429064	European
992	rs6140050		20	6632901	Yang J et al., 2012	2012	22426310	European
993	rs6085662	<i>BMP2</i>	20	6698372	Wood AR et al., 2014	2014	25282103	European
994	rs6080830	<i>BANF2</i>	20	17771113	Wood AR et al., 2014	2014	25282103	European
995	rs7261425	<i>C20orf26</i>	20	20068635	Wood AR et al., 2014	2014	25282103	European
996	rs8117259	<i>INSM1</i>	20	20348253	Wood AR et al., 2014	2014	25282103	European
997	rs6137287	<i>C20orf19</i>	20	21180259	Wood AR et al., 2014	2014	25282103	European
998	rs291700	<i>CDK5RAP1</i>	20	31981849	Lanktree MB et al., 2011	2011	21194676	European
999	rs1074683	<i>PXMP4</i>	20	32304653	Wood AR et al., 2014	2014	25282103	European
1000	rs7274811	<i>ZNF341</i>	20	32333181	Lango Allen H et al., 2010	2010	20881960	European
1001	rs2425012	<i>MYH7B</i>	20	33581955	Lanktree MB et al., 2011	2011	21194676	European
1002	rs6060154		20	33599601	Yang J et al., 2012	2012	22426310	European
1003	rs1535466	<i>EDEM2</i>	20	33718706	Wood AR et al., 2014	2014	25282103	European

1004	rs2425019	<i>MMP24</i>	20	33819415	Lanktree MB et al., 2011	2011	21194676	European
1005	rs6060369	<i>UQCC</i>	20	33907161	He M et al., 2015	2015	25429064	European
1006	rs6088792	<i>UQCC, GDF5, CEP250, EIF6, MMP24</i>	20	33909784	Gudbjartsson DF et al., 2008	2008	18391951	European
1007	rs6060373	<i>GDF5</i>	20	33914208	Weedon MN et al., 2008	2008	18391952	European
1008	rs4911494	<i>UQCC</i>	20	33971914	Soranzo N et al., 2009	2009	19343178	European
1009	rs6088813	<i>UQCC</i>	20	33975181	Soranzo N et al., 2009	2009	19343178	European
1010	rs224329	<i>GDF5</i>	20	34019579	He M et al., 2015	2015	25429064	European
1011	rs143384	<i>GDF5</i>	20	34025756	Wood AR et al., 2014	2014	25282103	European
1012	rs2236164	<i>CEP250</i>	20	34097353	He M et al., 2015	2015	25429064	European
1013	rs2425163	<i>PHF20</i>	20	34432670	Wood AR et al., 2014	2014	25282103	European
1014	rs6060739		20	34567592	Yang J et al., 2012	2012	22426310	European
1015	rs4812586	<i>SAMHD1</i>	20	35544673	Wood AR et al., 2014	2014	25282103	European
1016	rs6030712	<i>RBL1</i>	20	35637398	He M et al., 2015	2015	25429064	East Asian
1017	rs2224538	<i>MAFB</i>	20	38552078	Chan Y et al., 2015	2015	25865494	Various
1018	rs17450430	<i>STAU1</i>	20	47772264	Wood AR et al., 2014	2014	25282103	European
1019	rs6020202	<i>SNAIL</i>	20	48634821	Wood AR et al., 2014	2014	25282103	European
1020	rs913000		20	54836354	Yang J et al., 2012	2012	22426310	European
1021	rs1326023	<i>MC3R</i>	20	54842378	Wood AR et al., 2014	2014	25282103	European
1022	rs4811971	<i>ANKRD60</i>	20	56796784	He M et al., 2015	2015	25429064	East Asian
1023	rs2057291	<i>GNAS</i>	20	57472043	Wood AR et al., 2014	2014	25282103	European
1024	rs6061231	<i>RPS21</i>	20	60956917	Wood AR et al., 2014	2014	25282103	European
1025	rs2829941	<i>APP</i>	21	27208935	Wood AR et al., 2014	2014	25282103	European
1026	rs2834442	<i>KCNE2</i>	21	35690786	Wood AR et al., 2014	2014	25282103	European
1027	rs2211866	<i>KCNJ15</i>	21	39688107	Wood AR et al., 2014	2014	25282103	European
1028	rs9980072		21	40338817	Chan Y et al., 2015	2015	25865494	Various
1029	rs9977276	<i>COL6A1</i>	21	47436327	Wood AR et al., 2014	2014	25282103	European

1030	rs5751614	<i>BCR, GNAZ, RTDR1, IGLL1</i>	22	23593051	Gudbjartsson DF et al., 2008	2008	18391951	European
1031	rs7284476	<i>TRIOBP</i>	22	38129332	Wood AR et al., 2014	2014	25282103	European
1032	rs5757318	<i>CBX6</i>	22	39275656	Wood AR et al., 2014	2014	25282103	European
1033	rs11090631	<i>RIBC2</i>	22	45846371	Wood AR et al., 2014	2014	25282103	European

Table S2 | 34 human height GWAS genetic SNPs were associated with FSS ($p < 5.00E-05$ (0.05/1,033) under the additive model)

rs ID	Gene	Chr.	Chr. position	Risk allele	Additive model			Dominance deviation from additivity (DOMDEV)			Reference	Year	PMID number	Population
					OR (95% CI)	<i>P</i>		OR (95% CI)	<i>P</i>					
1 rs1926872	<i>COLGALT2 / TSEN15</i>	1	184,049,341	T	1.33 (1.19-1.52)	2.89E-06		1.16 (0.98-1.38)	9.40E-02		He M et al., 2015	2015	25429064	European
2 rs1046934	<i>TSEN15</i>	1	184,054,395	A	1.32 (1.16-1.49)	1.06E-05		1.14 (0.96-1.35)	1.50E-01		Lango Allen H et al., 2010	2010	20881960	European
3 rs3791679	<i>EFEMP1</i>	2	55,869,757	C	1.39 (1.19-1.61)	1.96E-05		1.09 (0.83-1.41)	5.43E-01		Wood AR et al., 2014	2014	25282103	European
4 rs3791675	<i>EFEMP1</i>	2	55,884,174	T	1.37 (1.19-1.59)	2.81E-05		1.01 (0.78-1.32)	9.13E-01		He M et al., 2015	2015	25429064	European, Asian
5 rs3771381	<i>ZNF638</i>	2	71,333,535	A	1.31 (1.16-1.48)	1.83E-05		1.08 (0.91-1.29)	3.93E-01		He M et al., 2015	2015	25429064	East Asian
6 rs10935120	<i>CEP63</i>	3	134,514,250	A	1.43 (1.22-1.68)	1.27E-05		1.05 (0.78-1.42)	7.37E-01		Weedon MN et al., 2008	2008	18391952	European
7 rs6440003	<i>ZBTB38</i>	3	141,375,367	G	1.33 (1.16-1.52)	2.60E-05		1.01 (0.82-1.23)	9.63E-01		Weedon MN et al., 2008	2008	18391952	European
8 rs7632381	<i>ZBTB38</i>	3	141,387,221	T	1.35 (1.18-1.54)	1.17E-05		1.04 (0.85-1.27)	7.37E-01		Kim JJ et al., 2010	2010	19893584	Korean
9 rs1344672	<i>ZBTB38</i>	3	141,406,863	C	1.32 (1.15-1.52)	4.11E-05		1.02 (0.84-1.25)	8.18E-01		Kim JJ et al., 2010	2010	19893584	Korean
10 rs9825379	<i>ZBTB38</i>	3	141,418,193	G	1.45 (1.22-1.69)	1.24E-05		1.04 (0.76-1.43)	8.03E-01		Okada Y et al., 2010	2010	20189936	Japanese
11 rs7678436	<i>DCAF16</i>	4	17,796,343	A	1.40 (1.24-1.60)	1.77E-07		1.04 (0.86-1.25)	7.03E-01		Okada Y et al., 2010	2010	20189936	Japanese
12 rs16895802	<i>NCAPG</i>	4	17,814,266	G	1.48 (1.24-1.76)	1.36E-05		1.17 (0.82-1.67)	3.81E-01		He M et al., 2015	2015	25429064	European, Asian
13 rs6842303	<i>LCORL</i>	4	17,852,432	G	1.28 (1.14-1.45)	4.25E-05		1.10 (0.92-1.30)	2.98E-01		Gudbjartsson DF et al., 2008	2008	18391951	European
14 rs13131350	<i>LCORL</i>	4	17,875,864	G	1.55 (1.36-1.78)	2.06E-10		1.05 (0.85-1.30)	6.59E-01		He M et al., 2015	2015	25429064	European, Asian
15 rs16896276	<i>LCORL</i>	4	18,013,533	T	1.32 (1.16-1.49)	1.13E-05		1.12 (0.94-1.33)	1.90E-01		Yang J et al., 2012	2012	22426310	European
16 rs2011603	<i>LCORL</i>	4	18,023,861	A	1.30 (1.15-1.47)	3.23E-05		1.15 (0.97-1.37)	1.14E-01		Cho YS et al., 2009	2009	19396169	Korean
17 rs17720281	<i>NA</i>	4	144,622,624	C	1.41 (1.22-1.64)	6.51E-06		1.07 (0.82-1.39)	6.11E-01		Yang J et al., 2012	2012	22426310	European
18 rs6845999	<i>HHIP</i>	4	144,644,674	C	1.41 (1.22-1.64)	6.86E-06		1.03 (0.79-1.34)	8.12E-01		Wood AR et al., 2014	2014	25282103	European
19 rs4240326	<i>ANAPC10</i>	4	144,918,112	G	1.37 (1.19-1.59)	5.95E-06		1.01 (0.81-1.26)	9.18E-01		Wood AR et al., 2014	2014	25282103	European
20 rs6823268	<i>ANAPC10</i>	4	145,061,411	A	1.49 (1.25-1.79)	7.85E-06		1.09 (0.74-1.61)	6.56E-01		He M et al., 2015	2015	25429064	European
21 rs4733724	<i>GSDMC</i>	8	129,711,482	G	1.33 (1.16-1.54)	3.35E-05		1.08 (0.86-1.35)	5.10E-01		Wood AR et al., 2014	2014	25282103	European
22 rs6470764	<i>GSDMC</i>	8	129,713,419	T	1.35 (1.18-1.54)	2.57E-05		1.09 (0.87-1.37)	4.59E-01		Lango Allen H et al., 2010	2010	20881960	European
23 rs10858250	<i>QSOX2</i>	9	136,227,369	A	1.37 (1.18-1.59)	4.62E-05		1.30 (1.01-1.67)	4.49E-02		He M et al., 2015	2015	25429064	European, Asian

24	rs12338076	<i>QSOX2</i>	9	136,229,894	A	1.33 (1.16-1.52)	2.92E-05	1.25 (1.01-1.54)	3.93E-02	Okada Y et al., 2010	2010	20189936	Japanese
25	rs2401171	<i>ADAMTSL3</i>	15	83,888,924	T	1.41 (1.23-1.62)	1.18E-06	1.23 (0.98-1.54)	7.14E-02	He M et al., 2015	2015	25429064	European
26	rs10906982	<i>ADAMTSL3</i>	15	83,899,406	T	1.39 (1.21-1.60)	3.24E-06	1.23 (0.98-1.54)	7.31E-02	Weedon MN et al., 2008	2008	18391952	European
27	rs7183263	<i>ADAMTSL3</i>	15	83,904,289	T	1.41 (1.23-1.62)	1.00E-06	1.22 (0.98-1.54)	7.58E-02	Okada Y et al., 2010	2010	20189936	Japanese
28	rs11259936	<i>ADAMTSL3</i>	15	83,911,830	A	1.41 (1.23-1.62)	1.21E-06	1.23 (0.98-1.54)	7.09E-02	Lango Allen H et al., 2010	2010	20881960	European
29	rs4842838	<i>ADAMTSL3</i>	15	83,913,372	G	1.42 (1.23-1.63)	8.51E-07	1.23 (0.99-1.56)	6.25E-02	Soranzo N et al., 2009	2009	19343178	European
30	rs258324	<i>CDK10</i>	16	89,687,847	C	1.37 (1.19-1.56)	7.32E-06	1.02 (0.83-1.27)	8.27E-01	He M et al., 2015	2015	25429064	East Asian
31	rs4800452	<i>CABLES1</i>	18	23,147,647	C	1.39 (1.19-1.62)	3.32E-05	1.08 (0.81-1.43)	6.16E-01	Lango Allen H et al., 2010	2010	20881960	European
32	rs4369779	<i>CABLES1</i>	18	23,155,444	T	1.43 (1.21-1.68)	1.76E-05	1.05 (0.78-1.42)	7.45E-01	He M et al., 2015	2015	25429064	European
33	rs4308051	<i>CABLES1</i>	18	23,155,497	T	1.43 (1.22-1.69)	1.39E-05	1.06 (0.78-1.43)	7.21E-01	Chan Y et al., 2015	2015	25865494	Various
34	rs8094261	<i>CABLES1</i>	18	23,166,764	G	1.43 (1.22-1.67)	1.40E-05	1.05 (0.78-1.41)	7.58E-01	Kim JJ et al., 2010	2010	19893584	Korean

Abbreviations: SNP, single nucleotide polymorphism; GWAS, genome-wide association studies; chr., chromosome; OR, odds ratio; CI, confidence interval.

Significant p value for the DOMDEV test $< 1.47\text{E-}3$ (0.05/34).

Table S3 | Linkage disequilibrium coefficients (D' and r²) of the single nucleotide polymorphisms located in chromosome 1, 2 and 3

No	rs ID	Gene	Chr	Position	Chr. 1				Chr. 2						Chr. 3									
					rs1926872		rs1046934		rs3791679		rs3791675		rs3771381		rs10935120		rs6440003		rs7632381		rs1344672		rs9825379	
					D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²
FSS	1	rs1926872	COLGALT2 /TSEN15	1	1840493 41	ND	ND	0.994	0.961	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	
	2	rs1046934	TSEN15	1	1840543 95	0.994	0.961	ND	ND	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed		
	3	rs3791679	EFEMP1	2	5586975 7	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	ND	ND	0.983	0.942	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed		
	4	rs3791675	EFEMP1	2	5588417 4	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	0.983	0.942	ND	ND	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed		
	5	rs3771381	ZNF638	2	7133353 5	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	ND	ND	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed		
	6	rs10935120	CEP63	3	1345142 50	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed		
	7	rs6440003	ZBTB38	3	1413753 67	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	ND	ND	0.990	0.953	0.990	0.942	0.936	0.376
	8	rs7632381	ZBTB38	3	1413872 21	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	0.990	0.953	ND	ND	1.000	0.988	0.953	0.379
	9	rs1344672	ZBTB38	3	1414068 63	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	0.990	0.942	1.000	0.988	ND	ND	0.959	0.379
	10	rs9825379	ZBTB38	3	1414181 93	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	0.936	0.376	0.953	0.379	0.959	0.379	ND	ND
Contr ol	1	rs1926872	COLGALT2	1	1840493 41	ND	ND	0.996	0.979	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed	Unrelat ed		

2	rs1046934	TSEN15	1	1840543	0.996	0.979	ND	ND	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat
				95	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed
3	rs3791679	EFEMP1	2	5586975	Unrelat	Unrelat	Unrelat	Unrelat	ND	ND	0.976	0.937	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat
				7	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed
4	rs3791675	EFEMP1	2	5588417	Unrelat	Unrelat	Unrelat	Unrelat	0.976	0.937	ND	ND	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat
				4	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed
5	rs3771381	ZNF638	2	7133353	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	ND	ND	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat
				5	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed
6	rs10935120	CEP63	3	1345142	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat
				50	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed
7	rs6440003	ZBTB38	3	1413753	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	ND	ND	0.990	0.945	0.984	0.939	0.959	0.428
				67	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed
8	rs7632381	ZBTB38	3	1413872	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	0.990	0.945	ND	ND	1.000	0.994	0.971	0.423
				21	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed
9	rs1344672	ZBTB38	3	1414068	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	0.984	0.939	1.000	0.994	ND	ND	0.971	0.425
				63	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed
10	rs9825379	ZBTB38	3	1414181	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	Unrelat	0.959	0.428	0.971	0.423	0.971	0.425	ND	ND
				93	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed	ed

Chr., chromosome; ND, not determined.

Table S4 | Linkage disequilibrium coefficients (D' and r²) of the single nucleotide polymorphisms located in chromosome 4 and 8

No	rs ID	Gene	Chr.	Position	Chr. 4																Chr. 8								
					rs7678436		rs16895802		rs6842303		rs13131350		rs16896276		rs2011603		rs17720281		rs6845999		rs4240326		rs6823268		rs4733724		rs6470764		
					D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	
FSS	11	rs7678436 6	LCORL	4	17796343	ND	ND	0.993	0.294	0.989	0.457	0.964	0.702	0.938	0.404	0.932	0.412	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed
	12	rs16895802 02	NCAPG	4	17814266	0.993	0.294	ND	ND	1.000	0.139	0.944	0.352	0.938	0.120	0.939	0.125	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	
	13	rs6842303 3	LCORL	4	17852432	0.989	0.457	1.000	0.139	ND	ND	0.980	0.339	0.917	0.825	0.928	0.849	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	
	14	rs13131313 50	LCORL	4	17875864	0.964	0.702	0.944	0.352	0.980	0.339	ND	ND	0.995	0.343	0.985	0.348	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	
	15	rs16896276 76	LCORL	4	18013533	0.938	0.404	0.938	0.120	0.917	0.825	0.995	0.343	ND	ND	0.991	0.950	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	
	16	rs2011603 3	LCORL	4	18023861	0.932	0.412	0.939	0.125	0.928	0.849	0.985	0.348	0.991	0.950	ND	ND	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	
	17	rs17720281 81	HHIP	4	144622624	Unrelated d	Unrelated d	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	ND	ND	0.997	0.983	0.515	0.202	0.247	0.037	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed
	18	rs6845999 9	HHIP	4	144644674	Unrelated d	Unrelated d	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	0.997	0.983	ND	ND	0.527	0.209	0.251	0.038	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed
	19	rs4240326 6	ANAPCI 0	4	144918112	Unrelated d	Unrelated d	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	0.515	0.202	0.527	0.209	ND	ND	1.000	0.456	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed
	20	rs6823268 8	ANAPCI 0	4	145061411	Unrelated d	Unrelated d	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	0.247	0.037	0.251	0.038	1.000	0.456	ND	ND	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed
21	rs4733724 4	GSDMC	8	129711482	Unrelated d	Unrelated d	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	Unrelated ed	ND	ND	1.000	1.000	

[illegible]

Table S5 | Linkage disequilibrium coefficients (D' and r²) of the single nucleotide polymorphisms located in chromosome 9, 15 and 18

No	rs ID	Gene	Chr	Position	Chr. 9				Chr. 15								Chr. 18									
					rs10858250		rs12338076		rs2401171		rs10906982		rs7183263		rs11259936		rs4842838		rs4800452		rs4369779		rs4308051		rs8094261	
					D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²	D'	R ²
23	rs10858250	QSOX2	9	136227369	ND	ND	1.000	0.653	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate
									d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	ed
24	rs12338076	QSOX2	9	136229894	1.000	0.653	ND	ND	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate
									d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	ed
25	rs2401171	ADAMTS	15	83888924	Unrelat	Unrelate	Unrelate	Unrelate	ND	ND	0.998	0.993	1.000	1.000	1.000	0.998	1.000	0.998	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate
		L3			ed	d	d	d											d	d	d	d	d	d	d	ed
26	rs10906982	ADAMTS	15	83899406	Unrelat	Unrelate	Unrelate	Unrelate	0.998	0.993	ND	ND	0.998	0.993	0.998	0.990	0.998	0.990	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate
		L3			ed	d	d	d											d	d	d	d	d	d	d	ed
27	rs7183263	ADAMTS	15	83904289	Unrelat	Unrelate	Unrelate	Unrelate	1.000	1.000	0.998	0.993	ND	ND	1.000	0.998	1.000	0.998	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate
		L3			ed	d	d	d											d	d	d	d	d	d	d	ed
FSS 28	rs11259936	ADAMTS	15	83911830	Unrelat	Unrelate	Unrelate	Unrelate	1.000	0.998	0.998	0.990	1.000	0.998	ND	ND	1.000	1.000	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate
		L3			ed	d	d	d											d	d	d	d	d	d	d	ed
29	rs4842838	ADAMTS	15	83913372	Unrelat	Unrelate	Unrelate	Unrelate	1.000	0.998	0.998	0.990	1.000	0.998	1.000	1.000	ND	ND	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate
		L3			ed	d	d	d											d	d	d	d	d	d	d	ed
30	rs258324	CDK10	16	89687847	Unrelat	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate
					ed	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	ed
31	rs4800452	CABLES	18	23147647	Unrelat	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	ND	ND	0.997	0.852	0.997	0.852	0.963	0.822
		I			ed	d	d	d	d	d	d	d	d	d	d	d	d	d								
32	rs4369779	CABLES	18	23155444	Unrelat	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	0.997	0.852	ND	ND	1.000	1.000	0.997	0.962
		I			ed	d	d	d	d	d	d	d	d	d	d	d	d	d								
33	rs4308051	CABLES	18	23155497	Unrelat	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	Unrelate	0.997	0.852	1.000	1.000	ND	ND	0.997	0.962
		I			ed	d	d	d	d	d	d	d	d	d	d	d	d	d								

Contr ol	34	rs8094261	CABLES I	18	23166764	Unrelat ed	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	0.963	0.822	0.997	0.962	0.997	0.962	ND	ND	
	23	rs10858250	QSOX2	9	136227369	ND	ND	1.000	0.667	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate ed	
	24	rs12338076	QSOX2	9	136229894	1.000	0.667	ND	ND	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate ed	
	25	rs2401171	ADAMTS L3	15	83888924	Unrelat ed	Unrelate d	Unrelate d	Unrelate d	ND	ND	0.998	0.985	1.000	0.998	1.000	0.998	1.000	0.995	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate ed
	26	rs10906982	ADAMTS L3	15	83899406	Unrelat ed	Unrelate d	Unrelate d	Unrelate d	0.998	0.985	ND	ND	1.000	0.988	1.000	0.988	1.000	0.985	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate ed
	27	rs7183263	ADAMTS L3	15	83904289	Unrelat ed	Unrelate d	Unrelate d	Unrelate d	1.000	0.998	1.000	0.988	ND	ND	1.000	1.000	1.000	0.998	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate ed
	28	rs11259936	ADAMTS L3	15	83911830	Unrelat ed	Unrelate d	Unrelate d	Unrelate d	1.000	0.998	1.000	0.988	1.000	1.000	ND	ND	1.000	0.998	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate ed
	29	rs4842838	ADAMTS L3	15	83913372	Unrelat ed	Unrelate d	Unrelate d	Unrelate d	1.000	0.995	1.000	0.985	1.000	0.998	1.000	0.998	ND	ND	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate ed
	30	rs258324	CDK10	16	89687847	Unrelat ed	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate ed	
	31	rs4800452	CABLES I	18	23147647	Unrelat ed	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	ND	ND	0.992	0.816	0.996	0.819	0.959	0.787
	32	rs4369779	CABLES I	18	23155444	Unrelat ed	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	0.992	0.816	ND	ND	1.000	0.996	0.996	0.962
	33	rs4308051	CABLES I	18	23155497	Unrelat ed	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	0.996	0.819	1.000	0.996	ND	ND	1.000	0.965
	34	rs8094261	CABLES I	18	23166764	Unrelat ed	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	Unrelate d	0.959	0.787	0.996	0.962	1.000	0.965	ND	ND

Chr., chromosome; ND, not determined.

Table S6 | Risk genotypes selected for OR calculations

rs ID	Gene	Chr.	Position	Ref	Var	Risk allele homozygote (the risk genotype is coded as "2")	Risk allele heterozygote (the risk genotype is coded as "1")	Non-risk allele homozygote (the non-risk genotype is coded as "0")
rs1046934	<i>TSEN15</i>	1	184054395	A	C	AA	AC	CC
rs3791679	<i>EFEMP1</i>	2	55869757	C	T	CC	CT	TT
rs3771381	<i>ZNF638</i>	2	71333535	T	A	AA	AT	TT
rs10935120	<i>CEP63</i>	3	134514250	G	A	AA	AG	GG
rs7632381	<i>ZBTB38</i>	3	141387221	T	C	TT	TC	CC
rs13131350	<i>LCORL</i>	4	17875864	A	G	GG	GA	AA
rs6845999	<i>HHIP</i>	4	144644674	C	T	CC	CT	TT
rs4240326	<i>ANAPC10</i>	4	144918112	G	A	GG	GA	AA
rs6470764	<i>GSDMC</i>	8	129713419	T	C	TT	TC	CC
rs12338076	<i>QSOX2</i>	9	136229894	A	C	AA	AC	CC
rs4842838	<i>ADAMTSL3</i>	15	83913372	T	G	GG	GT	TT
rs258324	<i>CDK10</i>	16	89687847	C	A	CC	CA	AA
rs4308051	<i>CABLES1</i>	18	23155497	G	T	TT	TG	GG

Abbreviations: Chr., Chromosome; Ref, Reference allele; Var, Variant allele.

Table S7. Cohorts used for human height GWAS studies

	Reference	Year	PMID number	Population	Cohorts
1	Weedon MN et al., 2008	2008	18391952	European	1. The type 2 diabetes (WTCCC-T2D); 2. Hypertension (WTCCC-HT); 3. coronary artery (WTCCC-CAD) disease branches; 4. The national blood service (WTCCC-UKBS); 5. The Diabetes Genetics Initiative (DGI); 6. The EPIC Obesity; 7. The UKT2D GCC, EFSOCH (Exeter Family Study of Childhood Health); 8. The MRC British Genetics of Hypertension (BRIGHT); 9. The CoLaus.
2	Gudbjartsson DF et al., 2008	2008	18391951	European	1. Icelanders with obesity and cancer; 2. Dutch individuals with bladder cancer; 3. Subjects with a premature coronary disease event before 60 years of age; 4. The Danish Inter99 cohort is a population-based sample of 30- to 60-year-old individuals living in the greater Copenhagen area.
3	Cho YS et al., 2009	2009	19396169	Korean	1. The rural Ansung and urban Ansan cohorts with aged 40 to 69; 2. The Health2 cohort from the Wonju, Pyeong Chang, Gangneung, Geumsan, and Naju regional cohorts in Korea.
4	Soranzo N et al., 2009	2009	19343178	European	1. The TwinsUK cohort with adult twin British registry; 2. The Rotterdam Study (RS) with elderly individuals (age 55 years and over); 3. The British 1958 Birth Cohort with individuals born within a single week in 1958, and followed periodically from birth to age 44–45 years; 4. The European Prospective Investigation into Cancer and Nutrition study (EPIC-Norfolk) with aged between 40 and 79 years, resident in Norfolk, UK; 5. The Chingford Study with residents in North London; 6. Chuvasha with Caucasian Finno-Ugric speaking population residing in the Chuvasha and Bashkortostan autonomous regions of the Russian Federation; 7. The Cambridge BioResource (CBR) with pseudo-anonymised DNA samples.

5	Lango Allen H et al., 2010	2010	20881960	European	1. The primary meta-analysis (Stage 1) included 46 GWA studies of 133,653 individuals; 2. The in silico follow up (Stage 2) included 15 studies of 50,074 individuals.
6	Kim JJ et al., 2010	2010	19893584	Korean	1. The Ansung and Ansan cohorts in the Gyeonggi Province of South Korea.
7	Okada Y et al., 2010	2010	20189936	Japanese	1. Japanese subjects from 23 disease sample groups and a healthy control group.
8	Yang J et al., 2012	2012	22426310	European	1. The GIANT Consortium
9	Wood AR et al., 2014	2014	25282103	European	1. 79 GWAS.
10	He M et al., 2015	2015	25429064	European, Asian	1. the 11 GWAS with East Asian ancestry in Stage 1; 2. East Asian ancestry from five additional GWAS.
11	Chan Y et al., 2015	2015	25865494	Various	1. Atherosclerosis Risk in Communities; 2. Cardiovascular Health Study; 3. Coronary Artery Risk Development in Young Adults; 4. Framingham Heart Study; 5. 1958 British Birth cohort; 6. Avon Longitudinal Study of Parents and Children.

Figure S1

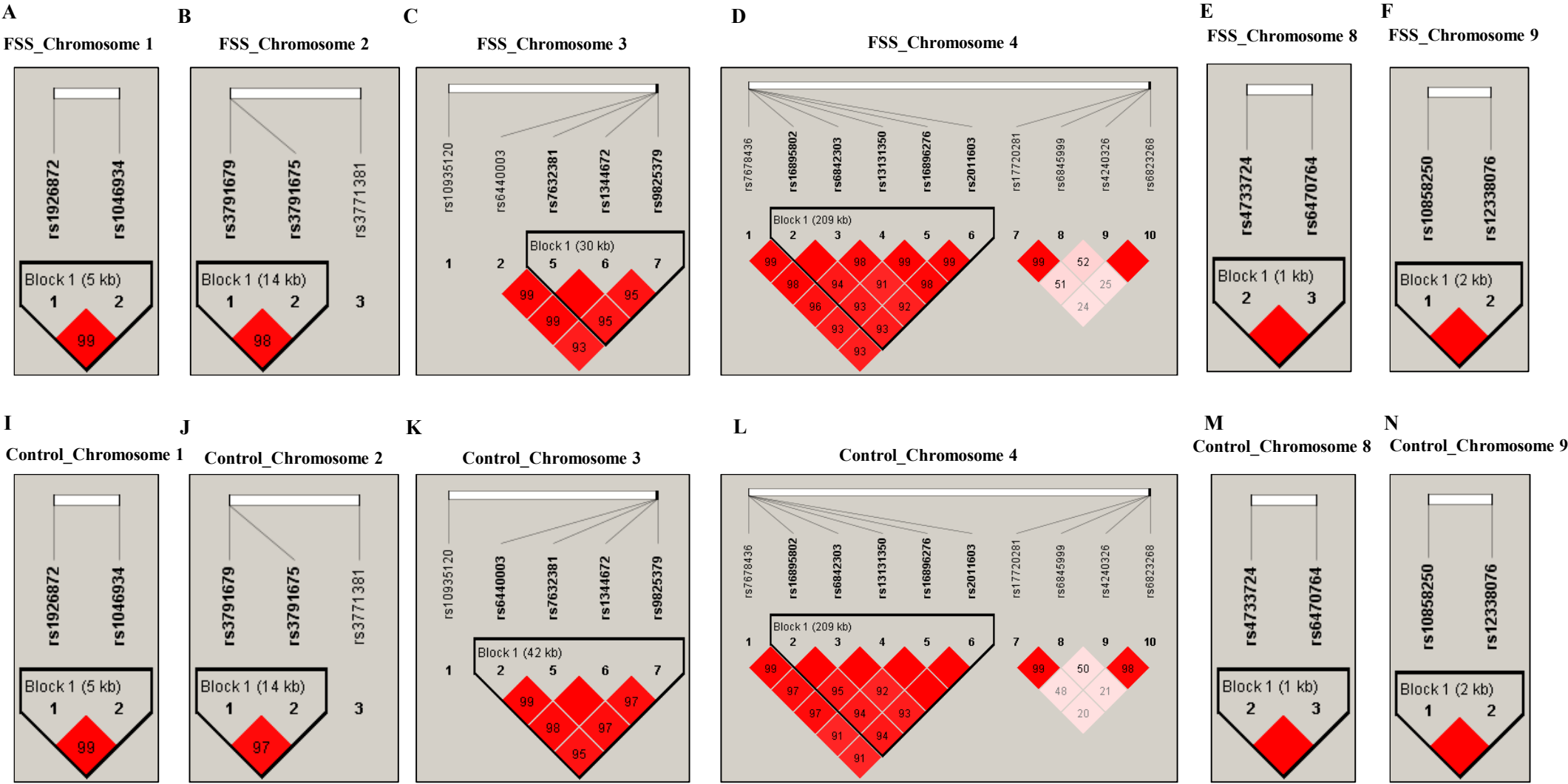


Figure S1

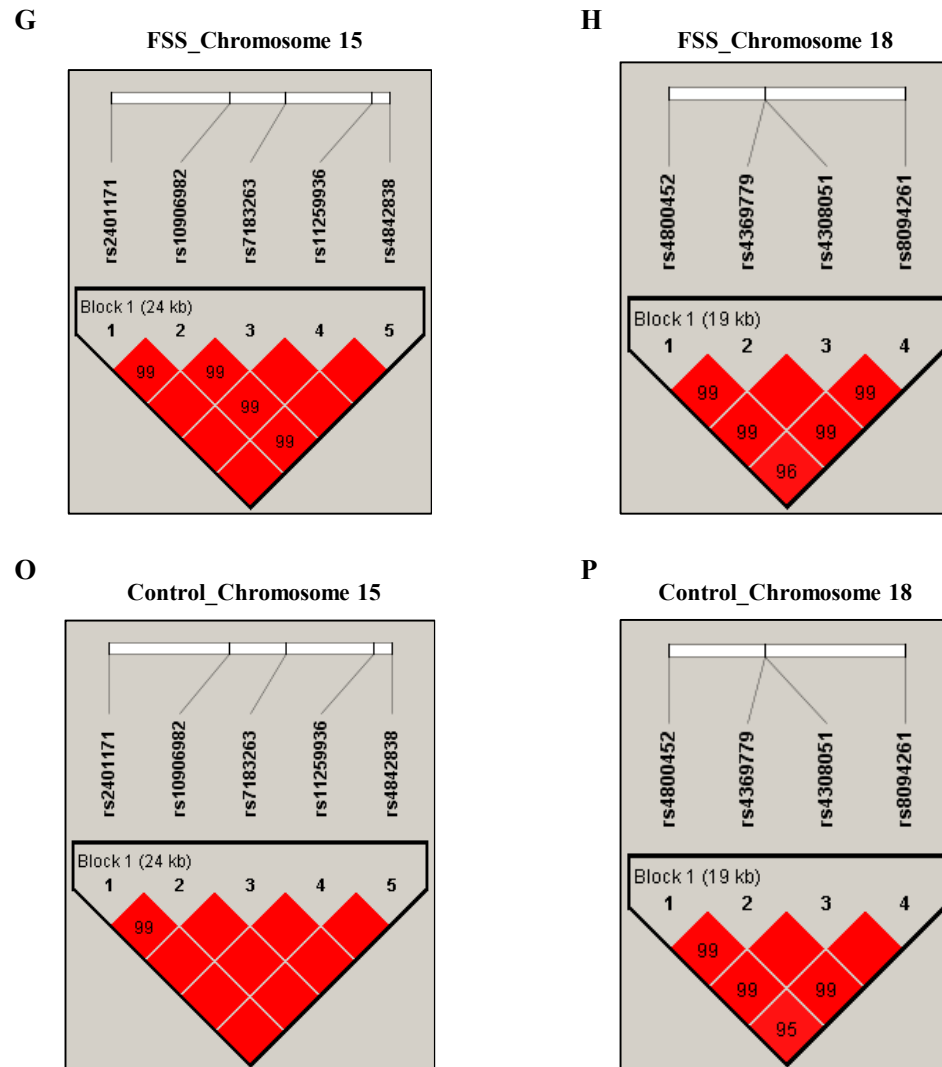


Figure S1. Results of a single-nucleotide polymorphism (SNP) association study of the genetic SNPs identified from GWAS studies of human height in FSS and healthy individuals from the general population of Taiwan who were of Han Chinese ethnic background. Haplotype blocks with different chromosome positions for the 978 FSS cases (A-H) and 1,129 control subjects (I-P) constructed according to the confidence interval approach using Haploview software^{50, 51, 52}. Red indicates linkage disequilibrium ($D' = 1$, logarithm of odds [LOD] ≥ 2); pink indicate evidence of recombination ($D' < 1$, LOD < 2).

Figure S2

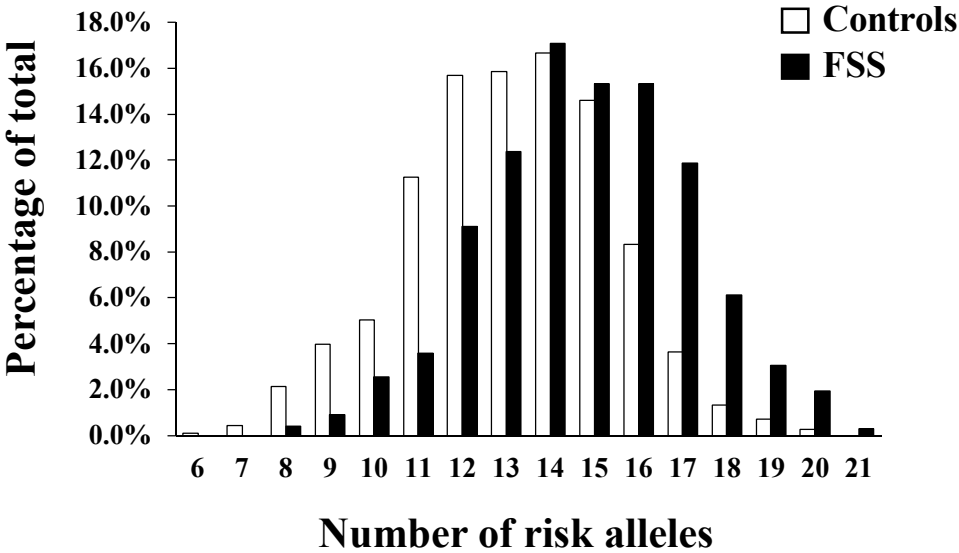


Figure S2. Distribution of the number of risk alleles.

Figure S3

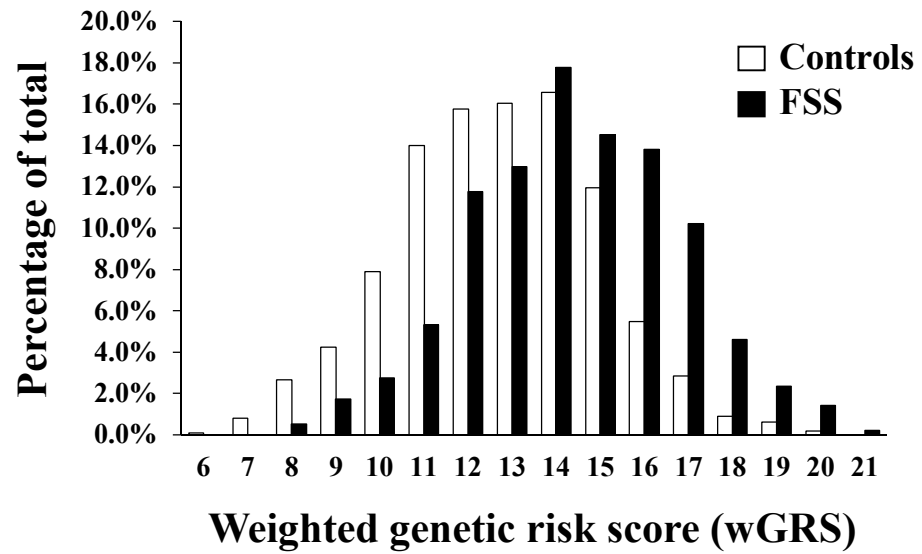


Figure S3. Distribution of the number of weighted genetic risk score.

Figure S4

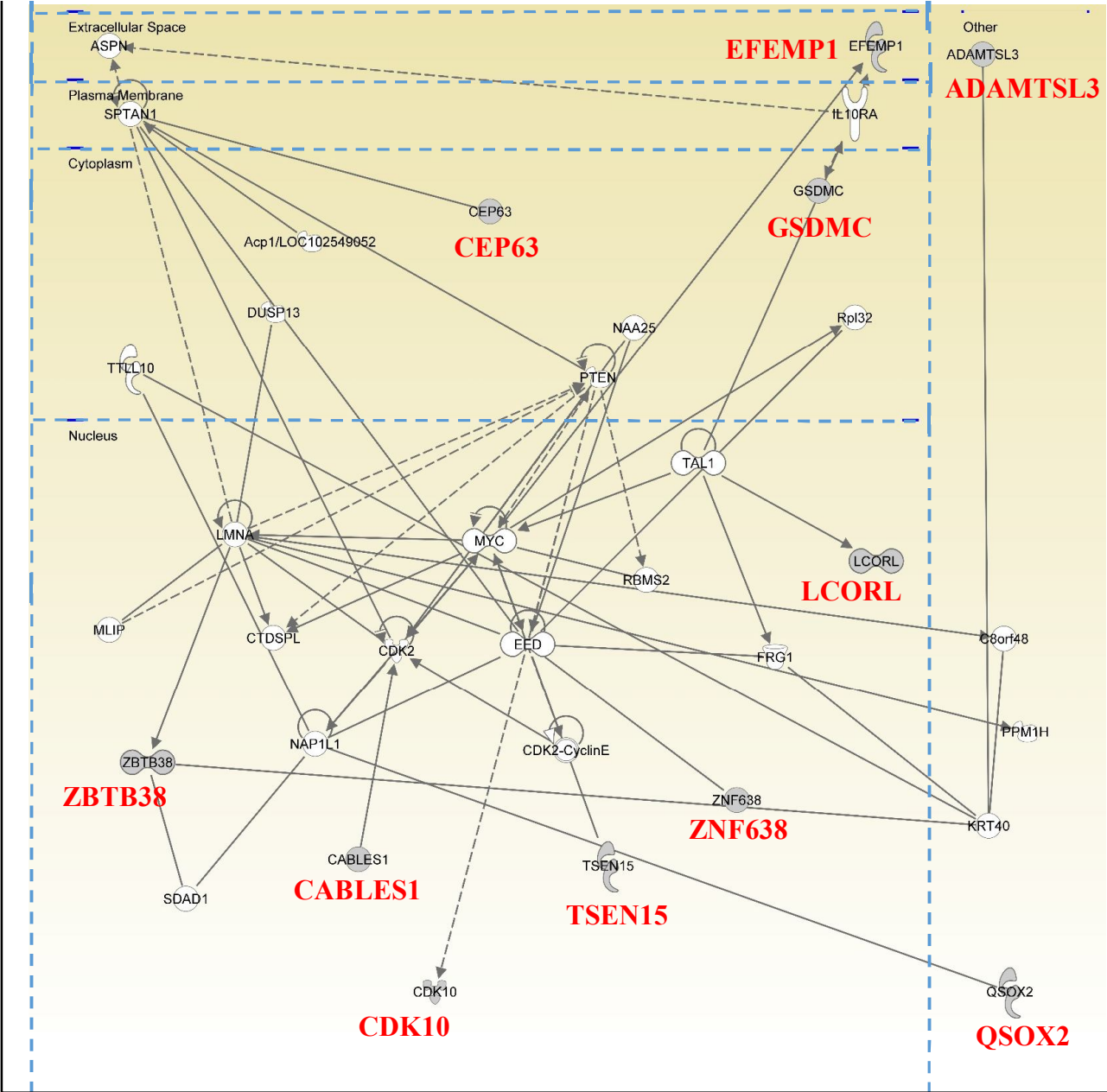
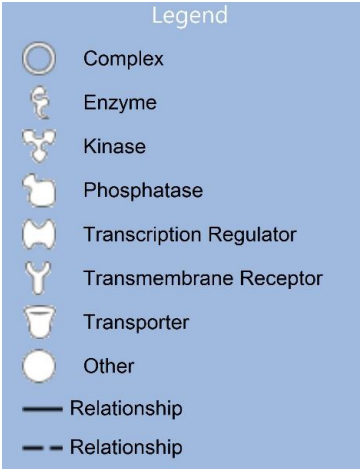


Figure S4. Putative gene network derived from Ingenuity Pathway Analysis (IPA) software. IPA network analysis identified a single cluster of 35 genes that includes 11 associated genes discovered in this study. The lines between genes represent known interactions (solid lines represent direct interactions; dashed lines represent indirect interactions). Each gene is displayed using various shapes that represent the functional class of the gene product, as indicated in the legend.