SNP	chr	pos	effect_allele	other_allele	beta	se	pval	Symbol
rs16990873	21	35168823	T	C	0.255982	0.0300272	1,53E-12	ITSN1
rs9977155	21	35231531	G	A	0.124297	0.012276	4,26E-19	ITSN1
rs77355211	21	34551192	C	T	-0.195288	0.0319354	9,64E-05	ITSN1
rs55821341	21	34861921	A	G	-0.547562	0.0111569	1,00E-200	ITSN1
rs56282402	21	34765507	T	C	-0.234408	0.0178566	2,29E-34	ITSN1
rs3746719	20	1610790	A	G	-0.497169	0.0127828	1,00E-200	SIRPG
rs497134	20	1685577	G	A	0.0733438	0.0120057	1,00E-04	SIRPG
rs2243602	20	1546742	A	T	-0.131358	0.0119805	5,68E-23	SIRPG
rs34426467	2	242634122	A	T	-0.0767562	0.0121826	2,97E-05	TSC22D1
rs1354034	3	56849749	C	T	-0.205083	0.0121281	3,82E-59	TSC22D1
rs329121	5	133863352	C	G	0.0805246	0.0120725	2,55E-06	TSC22D1
rs9376090	6	135411228	C	T	0.087341	0.0135006	9,85E-06	TSC22D1
rs10820606	9	99192919	C	A	-0.181528	0.0139142	6,66E-34	TSC22D1
rs10740118	10	65101207	C	G	-0.123311	0.0120081	9,72E-20	TSC22D1
rs739496	12	111887659	G	A	0.087241	0.0142625	9,56E-05	TSC22D1
rs9533843	13	44980150	A	G	-0.0721394	0.0119335	1,49E-04	TSC22D1
rs1330098	13	44811292	C	T	0.0828169	0.011907	3,52E-08	TSC22D1
rs8073060	17	33875262	A	T	-0.137837	0.0128664	8,82E-23	TSC22D1
rs6136489	20	1923734	G	T	-0.0986197	0.0124982	3,00E-10	TSC22D1
rs261360	20	5037774	A	G	-0.16233	0.0121147	6,08E-36	SLC23A2
rs6052992	20	4944442	C	T	0.139865	0.0120411	3,43E-28	SLC23A2
rs1375493	2	182323766	A	G	0.0839189	0.0119848	2,52E-07	LGALS1
rs1991866	8	130624105	C	G	-0.0703994	0.0120541	5,21E-04	LGALS1
rs12346772	9	113920599	G	A	0.0962781	0.0146642	5,19E-07	LGALS1
rs3184504	12	111884608	C	T	0.10595	0.0119125	5,90E-14	LGALS1
rs141168043	22	38336203	T	G	0.422799	0.0261891	1,25E-54	LGALS1
rs62236671	22	38069305	A	G	-0.405828	0.0121836	1,00E-200	LGALS1
rs148936645	20	8361313	T	C	-0.390094	0.0505094	1,13E-09	PLCB1
rs17363289	20	8492872	G	T	-0.578727	0.0307116	3,29E-74	PLCB1
rs78247648	20	8601029	G	T	-0.212175	0.0365932	6,70E-04	PLCB1
rs708921	20	8367856	G	C	-0.548824	0.0130025	1,00E-200	PLCB1
rs56308618	21	44757792	A	G	0.105221	0.0127681	1,71E-11	CSTB
rs3761385	21	45198355	G	T	-0.515958	0.0119778	1,00E-200	CSTB
rs11539534	21	45168884	A	G	-0.71134	0.0183414	1,00E-200	CSTB
rs4819321	21	45268728	T	C	-0.212154	0.0128116	1,37E-56	CSTB
rs1668873	1	205235990	A	G	-0.113066	0.0123715	6,28E-15	TGM2
rs79755767	12	54698408	A	G	0.137366	0.020009	6,65E-07	TGM2
rs225245	17	33946107	G	A	-0.0888855	0.0119658	1,10E-08	TGM2
rs34848191	17	19918626	T	G	-0.0758008	0.0118899	1,83E-05	TGM2
rs8887	19	4502201	C	T	0.186187	0.0118381	9,75E-51	TGM2
rs12624511	20	36769839	A	G	-0.180886	0.0166223	1,40E-22	TGM2
rs17787900	20	36844625	C	T	0.296236	0.0374282	2,48E-10	TGM2
rs1354034	3	56849749	C	T	0.111933	0.0122141	4,98E-15	CRYL1
rs4463941	13	21105772	G	T	0.272726	0.0364014	6,77E-10	CRYL1
rs7986514	13	21171768	G	A	0.208362	0.0201024	3,59E-20	CRYL1
rs14236	13	21063524	G	A	-0.42114	0.0136956	1,00E-200	CRYL1
rs12485444	3	188135783	A	T	0.0912072	0.0118807	1,63E-09	ATP8B4
rs149007767	7	50370254	T	C	-0.104335	0.0166585	3,77E-05	ATP8B4
rs7846314	8	61650831	T	A	-0.109702	0.0155202	1,57E-07	ATP8B4
rs2497306	10	94485211	C	A	0.0712637	0.0118884	2,04E-04	ATP8B4
rs62020330	15	50562847	G	A	-0.218598	0.0332211	4,70E-06	ATP8B4
rs35609972	15	50324126	G	A	-0.532604	0.0129635	1,00E-200	ATP8B4
rs937171	15	50194749	G	C	-0.24151	0.0125045	4,13E-78	ATP8B4
rs691945	15	50025530	G	C	0.164311	0.0119409	4,42E-38	ATP8B4
rs1191034	14	100434403	T	C	-0.232073	0.0166886	5,81E-39	EVL

rs61992880	14	100657583	T	C	0.28624	0.0314629	9,23E-15	EVL
rs1354034	3	56849749	C	T	0.106025	0.0122178	4,03E-14	GRK5
rs11198817	10	120957303	G	A	0.156428	0.0118989	1,78E-34	GRK5
rs7900201	10	121040432	T	C	0.195963	0.0123554	1,19E-51	GRK5
rs57957161	10	121167465	T	C	-0.22632	0.0235556	7,40E-17	GRK5
rs149110519	6	144385777	T	C	0.187042	0.0266112	2,09E-07	SIRPB1
rs6040984	20	1243462	T	C	-0.116463	0.0144566	7,90E-11	SIRPB1
rs115957839	20	1409337	A	C	0.217005	0.0352355	7,34E-05	SIRPB1
rs3761269	20	1602206	T	A	0.990683	0.0151899	1,00E-200	SIRPB1
rs117460309	20	1356906	T	C	-0.469638	0.0350817	7,20E-36	SIRPB1
rs2223839	20	1489630	A	C	-0.65456	0.0152172	1,00E-200	SIRPB1
rs1354034	3	56849749	C	T	-0.0702753	0.0122361	9,29E-04	SIRPA
rs149110519	6	144385777	T	C	-0.231729	0.0265863	2,88E-13	SIRPA
rs2318120	20	1856612	G	T	-0.160143	0.0262939	1,12E-04	SIRPA
rs11698383	20	1861882	G	C	0.209883	0.0126711	1,27E-56	SIRPA
rs6132062	20	1896401	A	T	-0.260644	0.0120593	1,34E-99	SIRPA
rs736887	20	1784571	T	C	0.123011	0.0137357	3,39E-14	SIRPA
rs7077767	10	76880322	T	C	0.202518	0.0259835	6,49E-10	SAMD8
rs1354034	3	56849749	C	T	0.197464	0.0121371	1,62E-54	CPNE5
rs9394380	6	36715053	A	G	-0.280211	0.0135555	6,29E-90	CPNE5
rs80017742	6	36714658	T	C	-0.462928	0.0348449	2,81E-36	CPNE5
rs1958398	14	21432901	T	C	0.562984	0.0110312	1,00E-200	RNASE2
rs73571897	14	21340407	A	G	0.619244	0.0144711	1,00E-200	RNASE2
rs1754332	14	21478458	G	A	-0.150048	0.0118677	1,22E-31	RNASE2
rs28453840	2	136522941	A	G	0.0745031	0.0127561	5,20E-04	RUNX2
rs1575060	6	45362055	C	T	0.145817	0.012282	1,65E-27	RUNX2
rs7758317	6	45536610	G	C	-0.275182	0.0127654	4,57E-98	RUNX2
rs4714857	6	45493673	T	A	-0.513021	0.0132029	1,00E-200	RUNX2
rs55793580	9	127009395	T	C	-0.177141	0.0157803	3,05E-24	RAB11FIP1
rs11065979	12	112059557	T	C	-0.112198	0.0120265	1,07E-16	RAB11FIP1
rs7570971	2	135837906	A	C	-0.0710662	0.0119719	2,92E-04	NRP1
rs2776947	10	33670320	A	G	-0.126905	0.0163092	7,19E-10	NRP1
rs2804480	10	33728214	C	A	-0.148482	0.016193	4,75E-15	NRP1
rs141974156	10	34161410	C	T	0.553706	0.0320096	4,87E-62	NRP1
rs743104	10	34162510	T	C	-0.597184	0.0168954	1,00E-200	NRP1
rs7077568	10	17498867	C	T	0.165068	0.0166629	3,91E-18	ST8SIA6
rs79241016	6	44185264	A	T	0.211875	0.0160117	5,70E-35	SLC29A1
rs639728	6	44239922	T	C	-0.0711643	0.0119361	2,49E-04	SLC29A1
rs2296122	13	46728924	T	C	0.115153	0.0119287	4,76E-17	LCP1
rs7322204	13	46715269	G	A	-0.277423	0.0116761	8,67E-120	LCP1
rs7785014	7	137881690	C	T	0.0835882	0.0126218	3,53E-06	PRICKLE1
rs11616062	12	43002908	T	C	-0.430363	0.0203274	1,74E-95	PRICKLE1
rs10506212	12	43096024	A	G	0.157661	0.0123708	3,34E-32	PRICKLE1
rs8067378	17	38051348	G	A	-0.0816453	0.0118838	6,41E-07	PRICKLE1
rs3732378	3	39307162	A	G	-0.102112	0.0159947	1,72E-05	TCF7L2
rs11599737	10	114891443	A	G	0.116076	0.0199962	6,44E-04	TCF7L2
rs4917638	10	114618234	A	G	-0.115914	0.011881	1,73E-17	TCF7L2
rs10885396	10	114711755	T	C	-0.285247	0.0116762	8,30E-127	TCF7L2
rs8026803	15	80260014	C	T	-0.176537	0.013703	5,60E-33	TCF7L2
rs1354034	3	56849749	C	T	-0.0742591	0.0122344	1,28E-05	PRDM1
rs56330463	5	148200011	C	T	0.0797856	0.0120486	3,54E-06	PRDM1
rs7812160	7	15284032	A	G	-0.178274	0.01194	2,08E-45	AGMO
rs2866174	4	100794563	A	T	-0.341476	0.0119659	4,00E-174	DAPP1
rs77304796	4	100752500	G	A	-0.308009	0.0344518	3,88E-14	DAPP1
rs116965220	7	43467354	A	G	-0.136062	0.022945	3,03E-04	BLVRA
rs6980106	7	43446761	T	C	0.102481	0.0178647	9,67E-04	BLVRA

rs34085021	7	43565458	A	G	-0.601251	0.0128922	1,00E-200	BLVRA
rs11762596	7	43865204	T	C	0.316617	0.0161914	3,77E-80	BLVRA
rs74355700	7	43332171	T	C	0.150814	0.0220924	8,71E-07	BLVRA
rs1449263	2	182319301	T	C	0.0832776	0.0119525	3,23E-07	TBC1D9
rs1800660	4	141490379	G	T	-0.200359	0.0268592	8,68E-09	TBC1D9
rs936898	4	141638425	A	G	-0.400573	0.0124007	1,00E-200	TBC1D9
rs41283642	9	101915887	T	C	0.563705	0.0342374	6,59E-56	TGFBR1
rs4563947	9	101821121	A	G	-0.185413	0.0181212	1,43E-19	TGFBR1
rs1992055	10	98427443	A	G	-0.117818	0.0118671	3,14E-18	PIK3AP1
rs67353574	10	98508724	G	T	0.352192	0.0238846	3,28E-44	PIK3AP1
rs56388170	7	28724374	T	G	-0.149159	0.0130672	3,52E-25	BMX
rs10187424	2	85794297	C	T	-0.0777357	0.0120379	1,06E-06	PLXDC2
rs56388170	7	28724374	T	G	-0.0955852	0.0131027	2,98E-08	PLXDC2
rs76355037	10	19726686	G	C	-0.182272	0.0180969	7,35E-19	PLXDC2
rs4634985	10	20434780	C	T	-0.198155	0.0142395	5,08E-39	PLXDC2
rs77515417	10	20095240	A	G	-0.342281	0.0334017	1,22E-19	PLXDC2
rs79082383	22	18471737	G	C	-0.338371	0.0409026	1,31E-11	MICAL3
rs71636778	1	27104612	C	T	0.105555	0.0162825	9,02E-06	MMP8
rs1375493	2	182323766	A	G	0.112224	0.0119684	6,80E-16	MMP8
rs212388	6	159490436	T	C	-0.120781	0.0122676	7,17E-18	MMP8
rs7846314	8	61650831	T	A	-0.160617	0.0154888	3,40E-20	MMP8
rs1940480	11	102567626	G	C	-0.128164	0.0119013	4,82E-23	MMP8
rs1012068	22	32265903	G	T	-0.0909904	0.0132918	7,61E-07	MMP8
rs4520874	17	41415522	G	A	-0.410769	0.011986	1,00E-200	VAT1
rs377963	17	42158310	G	T	0.0862362	0.0145443	3,04E-04	VAT1
rs1375493	2	182323766	A	G	0.101392	0.0119752	2,52E-12	OLR1
rs629326	6	159496713	T	G	-0.119643	0.0122713	1,85E-17	OLR1
rs7846314	8	61650831	T	A	-0.12387	0.0155127	1,40E-10	OLR1
rs13289095	9	131466489	T	G	0.176599	0.0182871	4,59E-17	OLR1
rs11053653	12	10320202	T	A	0.0863995	0.0123333	2,46E-07	OLR1
rs1012068	22	32265903	G	T	-0.0936025	0.0132905	1,88E-07	OLR1
rs1354034	3	56849749	C	T	-0.0802559	0.0122317	5,34E-06	PRR5L
rs56403503	11	36431969	A	G	-0.919626	0.0349463	1,27E-147	PRR5L
rs73455518	11	36603733	G	A	0.17947	0.0222243	6,73E-11	PRR5L
rs10836545	11	36407403	G	A	0.191357	0.0204653	8,75E-16	PRR5L
rs11033559	11	36356259	A	G	0.145652	0.0123975	7,20E-27	PRR5L
rs28451455	8	19415222	A	G	-0.111229	0.0165645	1,88E-06	LPL
rs286	8	19815256	T	A	0.973448	0.020606	1,00E-200	LPL
rs74377536	8	19806568	A	C	0.248236	0.0184298	2,37E-36	LPL
rs913672	20	48906967	G	T	0.0792798	0.0125401	2,58E-05	LPL
rs4674259	2	218991005	A	G	-0.355909	0.0115292	1,00E-200	CXCR2
rs149110519	6	144385777	T	C	-0.192512	0.0266085	4,65E-08	CXCR2
rs1354034	3	56849749	C	T	-0.0712726	0.0122356	5,71E-04	ANXA5
rs34359728	4	122532977	T	C	-0.345646	0.0216416	2,02E-52	ANXA5
rs62319031	4	122268332	G	A	-0.2038	0.0307604	3,46E-06	ANXA5
rs17087335	4	57838583	T	G	0.10981	0.0147624	1,02E-08	ANXA5
rs10434038	4	122570298	T	C	-0.649209	0.0172119	1,00E-200	ANXA5
rs34721031	4	122238805	G	A	-0.228216	0.0303899	5,92E-09	ANXA5
rs882569	4	122567973	G	C	0.660061	0.0168243	1,00E-200	ANXA5
rs149007767	7	50370254	T	C	-0.157229	0.016629	3,22E-16	ANXA5
rs67250450	7	28174986	C	T	0.0920725	0.0138986	3,49E-06	CCND2
rs3217860	12	4399050	G	A	-0.159621	0.0134127	1,17E-28	CCND2
rs3217907	12	4406836	A	C	-0.122509	0.0124428	7,13E-18	CCND2
rs653178	12	112007756	T	C	-0.0691845	0.0119275	6,61E-04	CCND2
rs1963194	1	87916974	G	A	-0.176469	0.024761	1,03E-07	LMO4
rs6656790	1	87764915	C	G	0.22626	0.0148607	2,41E-47	LMO4

rs76198880	2	237445682	T	C	-0.675035	0.0475604	1,01E-40	ACKR3
rs2573712	2	237944556	A	T	0.0738233	0.0122863	1,87E-04	ACKR3
rs13409594	2	237446978	G	A	-0.424528	0.0240699	1,27E-64	ACKR3
rs2607015	6	31762843	C	G	-0.147509	0.0119361	4,39E-30	PPT2
rs1050316	1	156434703	T	G	-0.155158	0.0125201	2,87E-30	CALD1
rs4670221	2	38050232	G	C	-0.0806105	0.0126121	1,64E-05	CALD1
rs1354034	3	56849749	C	T	0.564554	0.0112912	1,00E-200	CALD1
rs114694170	5	88180196	C	T	0.224809	0.0266624	3,41E-12	CALD1
rs113422568	10	104337938	A	G	-0.0783866	0.0132109	2,96E-05	CALD1
rs505404	11	243268	G	T	0.189521	0.0142313	1,84E-35	CALD1
rs7190551	16	9032015	A	G	0.0987281	0.01533	1,19E-06	CALD1
rs6136489	20	1923734	G	T	-0.0735938	0.0125104	4,03E-04	CALD1
rs1354034	3	56849749	C	T	0.298113	0.0119906	1,91E-131	LTBP1
rs505404	11	243268	G	T	0.11369	0.0142884	1,77E-10	LTBP1
rs10876550	12	54712308	A	G	0.126866	0.0120542	6,64E-21	LTBP1
rs8019559	14	76052028	G	A	0.16325	0.0255797	1,75E-05	FLVCR2
rs3784004	14	76081664	T	A	-0.546827	0.0127225	1,00E-200	FLVCR2
rs12432793	14	76098265	C	T	0.236983	0.0197566	3,77E-28	FLVCR2
rs149007767	7	50370254	T	C	0.165197	0.0166236	2,86E-19	SSH2
rs16964813	17	27439914	G	A	0.125576	0.015513	5,74E-11	SSH2
rs55797987	17	27962197	A	G	0.47485	0.0112245	1,00E-200	SSH2
rs12466022	2	43359061	A	C	-0.101351	0.0135399	7,12E-09	DMXL2
rs149007767	7	50370254	T	C	-0.108279	0.0166567	7,99E-06	DMXL2
rs12592422	15	51869545	C	G	0.403982	0.0133387	1,00E-200	DMXL2
rs1870051	15	51961438	G	A	0.417857	0.0397021	6,65E-21	DMXL2
rs2902940	20	39091487	G	A	0.0783402	0.0133168	4,03E-04	DMXL2
rs1439164	4	154622649	T	C	-0.159315	0.0165053	4,81E-17	TLR2
rs56330463	5	148200011	C	T	0.177195	0.0119748	1,52E-45	TLR2
rs76840964	2	160754947	G	A	0.104171	0.0179061	5,98E-04	GSN
rs3774937	4	103434253	C	T	0.102917	0.0127233	6,03E-12	GSN
rs10120621	9	124259632	T	C	-0.136257	0.012582	2,49E-23	GSN
rs10760132	9	123739993	T	C	0.475043	0.0113465	1,00E-200	GSN
rs34020026	9	123093019	A	G	-0.147893	0.0235585	3,43E-07	GSN
rs306780	9	124184458	G	A	0.265088	0.0168169	5,57E-51	GSN
rs7861708	9	124572710	G	A	0.102051	0.0120887	3,12E-12	GSN
rs7210990	17	16170764	A	C	-0.0771817	0.0118935	8,61E-06	GSN
rs10258989	7	115665688	A	G	-0.168704	0.0140345	2,76E-28	TFEC
rs13289095	9	131466489	T	G	0.190431	0.0182773	2,03E-20	RNASE3
rs1754332	14	21478458	G	A	-0.106952	0.0119007	2,54E-14	RNASE3
rs73571897	14	21340407	A	G	0.562228	0.0146351	1,00E-200	RNASE3
rs1958398	14	21432901	T	C	0.433089	0.0114392	1,00E-200	RNASE3
rs35291299	14	21515620	G	A	-0.121587	0.0197609	7,60E-05	RNASE3
rs1012068	22	32265903	G	T	-0.0787456	0.0132974	3,18E-04	RNASE3
rs4328821	3	128316435	G	A	-0.25997	0.0182702	6,02E-41	HDC
rs334782	3	3148458	C	T	0.0859944	0.0120865	1,12E-07	HDC
rs2035403	4	88018991	G	A	-0.0862007	0.012273	2,16E-07	HDC
rs964184	11	116648917	C	G	0.124125	0.0167287	1,17E-08	HDC
rs4982731	14	23585333	T	C	0.21626	0.0131561	1,02E-55	HDC
rs78744187	19	33754548	T	C	-0.135897	0.0218302	4,80E-06	HDC
rs6119267	20	31163914	G	C	-0.0772991	0.0124761	5,79E-05	HDC
rs72805116	16	85792967	G	A	-0.144516	0.019961	4,49E-08	GSE1
rs17801962	16	85573275	A	G	0.0874631	0.01401	4,30E-05	GSE1
rs12233575	3	112931263	C	A	-0.0847701	0.0140315	1,53E-04	CD200R1
rs73214249	3	112400847	C	T	0.127183	0.0202822	3,60E-05	CD200R1
rs56281019	3	112533011	A	G	0.459693	0.0120535	1,00E-200	CD200R1
rs2613958	3	112807518	C	T	0.163288	0.0138341	3,76E-27	CD200R1

rs11606049	11	112033129	T	C	0.311095	0.0136225	1,98E-110	IL18
rs17081935	4	57823476	T	C	0.0903039	0.0147879	1,02E-04	LIPA
rs149007767	7	50370254	T	C	-0.117513	0.0166523	1,70E-07	LIPA
rs2183933	10	91015736	C	T	0.361897	0.012475	4,95E-181	LIPA
rs189260064	10	90737271	C	A	0.200096	0.0336189	2,65E-05	LIPA
rs7090764	10	91223924	T	A	0.317329	0.0192142	2,85E-56	LIPA
rs2841030	10	90843961	G	A	-0.211631	0.0142117	3,76E-45	LIPA
rs10749600	10	90977694	A	G	0.470438	0.0112306	1,00E-200	LIPA
rs1892548	13	41002641	C	T	-0.0722673	0.0123739	5,21E-04	LIPA
rs2239630	14	23589349	G	A	0.0744888	0.0118957	3,80E-05	LIPA
rs13330176	16	86019087	A	T	-0.0974153	0.0144291	1,46E-07	LIPA
rs3811444	1	248039451	T	C	-0.0777327	0.0125687	6,22E-05	PTMS
rs7606173	2	60725451	C	G	0.15814	0.0121124	5,87E-34	PTMS
rs628751	6	139838419	A	C	-0.129717	0.0118541	7,21E-23	PTMS
rs7776054	6	135418916	G	A	-0.0983779	0.013431	2,39E-08	PTMS
rs6592965	7	50427982	A	G	-0.228171	0.0118095	3,56E-78	PTMS
rs72871339	11	16410499	T	C	0.293897	0.033066	6,21E-14	PTMS
rs225245	17	33946107	G	A	-0.103915	0.0119572	3,60E-13	PTMS
rs16989695	19	4505445	A	G	0.0937978	0.0118808	2,91E-10	PTMS
rs6084653	20	4157072	G	C	-0.0732417	0.0123375	2,91E-04	PTMS
rs56330463	5	148200011	C	T	-0.102005	0.0120367	2,36E-12	IFRD1
rs149110519	6	144385777	T	C	0.1668	0.0266207	3,71E-06	IFRD1
rs1234378	7	112292570	C	A	0.397603	0.0436754	8,74E-15	IFRD1
rs6966318	7	112092857	C	T	0.527231	0.0131216	1,00E-200	IFRD1
rs76272652	7	111872453	G	A	-0.309495	0.0476953	8,64E-06	IFRD1
rs56384744	7	112721571	A	C	-0.239767	0.0372545	1,23E-05	IFRD1
rs76274372	7	111909855	C	A	0.657218	0.0211258	1,00E-200	IFRD1
rs11769879	7	140005193	A	G	-0.181212	0.011828	5,59E-48	KDM7A
rs62491410	7	139820063	T	C	0.271195	0.0209824	3,26E-33	KDM7A
rs11715625	3	81875938	T	A	-0.230606	0.012249	4,57E-74	GBE1
rs1344631	2	160689916	A	G	0.454192	0.0114149	1,00E-200	LY75
rs12692574	2	160759705	C	T	0.462974	0.0287565	2,55E-53	LY75
rs76797039	2	160908063	T	C	-0.354547	0.0390539	1,10E-14	LY75
rs75131375	2	161378675	T	C	0.255781	0.0437883	5,18E-04	LY75
rs2391286	1	94207220	G	C	-0.176806	0.0241806	2,63E-08	BCAR3
rs6656270	1	94157942	G	C	-0.228552	0.0162617	7,20E-41	BCAR3
rs141094656	1	92753336	C	T	0.305693	0.0429513	1,10E-07	CD300LF
rs149110519	6	144385777	T	C	0.286421	0.0265485	3,91E-22	CD300LF
rs7846314	8	61650831	T	A	0.0952194	0.015527	8,66E-05	CD300LF
rs741738	11	309508	A	G	-0.111238	0.0149794	1,12E-08	CD300LF
rs78700881	17	72681667	A	G	-0.270735	0.0308066	1,52E-13	CD300LF
rs62084857	17	72571770	A	G	-0.0866105	0.0119124	3,57E-08	CD300LF
rs67406906	17	72709195	C	T	-0.554081	0.0142847	1,00E-200	CD300LF
rs7206457	16	30162482	A	G	0.218653	0.0117748	5,66E-72	CORO1A
rs1354034	3	56849749	C	T	0.154599	0.012181	6,57E-32	ST7
rs12706135	7	116635048	C	T	-0.116213	0.0142758	3,93E-11	ST7
rs149007767	7	50370254	T	C	0.11854	0.0166517	1,09E-07	MAPK3
rs4548895	16	29923510	A	G	-0.560603	0.0111283	1,00E-200	MAPK3
rs257868	16	29412503	C	T	0.0978121	0.0119302	2,43E-11	MAPK3
rs35990726	16	30705898	T	A	-0.249942	0.0416119	1,89E-04	MAPK3
rs9923341	16	29698710	T	C	-0.144956	0.0135401	9,56E-22	MAPK3
rs3087439	16	30505821	T	C	-0.361789	0.0224615	2,27E-53	MAPK3
rs116420012	2	55182618	T	C	-0.301103	0.0458167	4,96E-06	SPTBN1
rs56320904	2	54838507	G	A	-0.315959	0.0213464	1,43E-44	SPTBN1
rs72804694	2	54743460	A	G	0.802816	0.0212811	1,00E-200	SPTBN1
rs953569	5	156477400	G	T	-0.194741	0.0118465	1,01E-55	TIMD4

rs1050316	1	156434703	T	G	-0.0822515	0.012569	5,99E-06	F13A1
rs61812598	1	154420087	A	G	0.0772377	0.0123059	3,46E-05	F13A1
rs4670221	2	38050232	G	C	-0.0747333	0.0126147	3,13E-04	F13A1
rs1354034	3	56849749	C	T	0.47254	0.0115867	1,00E-200	F13A1
rs114694170	5	88180196	C	T	0.189874	0.0266816	1,11E-07	F13A1
rs1612056	6	6444424	C	T	0.313866	0.0232284	1,33E-36	F13A1
rs6938914	6	6324038	T	A	0.476642	0.0121198	1,00E-200	F13A1
rs72815052	6	6140258	A	G	-0.262184	0.016271	2,04E-54	F13A1
rs412332	7	101707518	T	C	0.0895163	0.0153405	5,37E-04	F13A1
rs10820606	9	99192919	C	A	0.128167	0.0139563	4,18E-15	F13A1
rs7075195	10	65050659	G	A	0.08172	0.0120343	1,12E-06	F13A1
rs505404	11	243268	G	T	0.213315	0.0142074	5,93E-46	F13A1
rs11553699	12	122216910	G	A	0.164918	0.0189993	3,95E-13	F13A1
rs10876550	12	54712308	A	G	0.114328	0.0120631	2,60E-16	F13A1
rs10512472	17	33884804	C	T	0.18238	0.0154482	3,64E-27	F13A1
rs13042885	20	1924707	T	C	-0.11102	0.013162	3,31E-12	F13A1
rs28498283	2	43360065	T	A	0.112329	0.0136345	1,74E-11	CA4
rs3731827	2	85806068	C	T	0.0747985	0.0120481	5,36E-05	CA4
rs2594836	5	173205318	A	G	0.126097	0.0136975	3,39E-15	CA4
rs149110519	6	144385777	T	C	0.515319	0.0263025	1,81E-80	CA4
rs56388170	7	28724374	T	G	-0.147389	0.0130686	1,68E-24	CA4
rs149007767	7	50370254	T	C	0.216054	0.0165822	8,35E-34	CA4
rs7846314	8	61650831	T	A	-0.103059	0.0155235	3,16E-06	CA4
rs34820870	17	58244021	G	T	-0.647564	0.0290683	6,12E-106	CA4
rs6684514	1	156255456	A	G	0.10309	0.013125	4,02E-10	CTSD
rs149007767	7	50370254	T	C	-0.100338	0.0166602	1,71E-04	CTSD
rs187312763	11	1737957	A	G	-0.603668	0.0412985	2,18E-44	CTSD
rs72850978	11	1818173	G	C	-0.189156	0.0214479	1,15E-14	CTSD
rs907612	11	1874221	T	C	-0.117068	0.0122823	1,55E-16	CTSD
rs6955702	7	3157702	G	A	0.450072	0.0112884	1,00E-200	CARD11
rs1318499	7	2961374	A	G	-0.14856	0.0143924	5,59E-20	CARD11
rs6461802	7	3077987	C	A	0.300237	0.029498	2,49E-19	CARD11
rs13401811	2	111616104	A	G	0.0880767	0.0151101	5,58E-04	HAVCR2
rs6891966	5	156526331	G	A	-0.35026	0.0139455	3,31E-134	HAVCR2
rs116560088	5	155913317	T	C	-0.178309	0.0290846	8,74E-06	HAVCR2
rs7911264	10	94436851	C	T	-0.0800988	0.0118899	1,62E-06	HAVCR2
rs2617170	12	10560957	C	T	-0.0749968	0.0126227	2,83E-04	HAVCR2
rs1354034	3	56849749	C	T	0.170487	0.012166	1,29E-39	ACTN1
rs149007767	7	50370254	T	C	0.10702	0.0166573	1,32E-05	ACTN1
rs1275193	14	69466699	A	C	0.158963	0.012052	1,01E-34	ACTN1
rs1475033	14	69355447	G	C	0.118996	0.0135091	1,27E-13	ACTN1
rs141094656	1	92753336	C	T	-0.311594	0.0429483	4,01E-08	GPNMB
rs1728326	7	23234981	G	T	-0.384447	0.0254153	1,08E-47	GPNMB
rs7797870	7	23110731	G	C	-0.462967	0.011731	1,00E-200	GPNMB
rs117963875	7	23662499	A	G	0.295075	0.0497035	2,91E-04	GPNMB
rs8026414	15	55507621	C	A	0.131685	0.0144716	9,08E-15	RAB27A
rs56042059	15	55556773	C	G	-0.203282	0.0151759	6,45E-37	RAB27A
rs4609990	2	143741170	G	A	0.230946	0.0370165	4,40E-05	KYNU
rs2124440	2	182328214	A	G	0.0880702	0.0119416	1,64E-08	KYNU
rs149129740	2	143459148	T	C	-0.276949	0.0335741	1,60E-11	KYNU
rs191430559	2	143581413	T	G	11.255	0.048435	1,92E-114	KYNU
rs12478601	2	43721508	T	C	-0.0727971	0.0120227	1,40E-05	KYNU
rs78289644	2	143616189	T	C	116.002	0.0307892	1,00E-200	KYNU
rs139376108	2	143291235	G	A	0.237278	0.0380754	4,62E-07	KYNU
rs56330463	5	148200011	C	T	-0.0701799	0.0120528	5,79E-04	KYNU
rs8022179	14	103847287	A	T	0.104064	0.0133443	6,27E-10	KYNU

rs2844457	6	31861141	T	A	-0.0942337	0.0123886	2,81E-09	EHMT2
rs11089787	22	36678453	G	C	-0.367185	0.0150709	4,12E-126	MYH9
rs73167667	22	36778754	G	A	0.191039	0.0208053	4,22E-15	MYH9
rs149007767	7	50370254	T	C	0.101501	0.0166597	1,11E-05	PLIN3
rs10420726	19	5007681	T	C	-0.109177	0.0140521	7,87E-10	PLIN3
rs262559	19	4867690	G	A	0.321695	0.0212566	9,66E-47	PLIN3
rs141094656	1	92753336	C	T	0.26481	0.0429705	7,16E-05	PLD3
rs2010054	3	128305302	G	A	0.0732369	0.0120676	1,29E-04	PLD3
rs35979828	12	54685880	T	C	-0.151489	0.0256174	3,35E-04	PLD3
rs2239630	14	23589349	G	A	0.105411	0.0118792	7,08E-14	PLD3
rs8110888	19	40855255	T	C	0.281966	0.012538	5,35E-107	PLD3
rs141115040	4	76858197	C	T	-0.897193	0.0417691	2,39E-97	NAAA
rs114485481	4	76696482	G	A	-0.700894	0.0379559	3,86E-71	NAAA
rs191608273	4	76762151	T	C	-0.771662	0.0439749	6,16E-64	NAAA
rs72653654	4	76964187	T	C	10.645	0.0483223	1,51E-102	NAAA
rs181080802	4	76964755	A	G	-0.295793	0.0431992	7,53E-07	NAAA
rs17214357	4	76481497	G	A	-0.179231	0.0224446	1,40E-11	NAAA
rs71607334	4	76708077	T	C	0.954176	0.0232694	1,00E-200	NAAA
rs115549570	4	76756927	A	G	108.933	0.0281006	1,00E-200	NAAA
rs139707122	4	76898104	C	T	122.155	0.050434	1,35E-124	NAAA
rs141094656	1	92753336	C	T	-0.387654	0.0429044	1,63E-14	PRUNE2
rs7029812	9	79307280	G	A	-0.462608	0.0308866	1,03E-45	PRUNE2
rs55740812	9	79053064	C	T	0.243036	0.0194042	5,46E-31	PRUNE2
rs653359	9	79334707	T	C	-0.504873	0.0190534	1,02E-149	PRUNE2
rs35372098	9	79413516	G	A	0.500089	0.0150508	1,00E-200	PRUNE2
rs11144982	9	79232138	C	T	0.735875	0.0191299	1,00E-200	PRUNE2
rs56388170	7	28724374	T	G	-0.116408	0.0130907	5,98E-14	ITGAX
rs149007767	7	50370254	T	C	0.10838	0.0166566	7,69E-06	ITGAX
rs35979828	12	54685880	T	C	-0.178279	0.0256052	3,34E-07	ITGAX
rs12445568	16	31004812	C	T	-0.445251	0.011592	1,00E-200	ITGAX
rs2359222	16	31799607	C	A	-0.135181	0.0141235	1,06E-16	ITGAX
rs77263422	16	31533746	G	A	-0.405068	0.0250927	1,27E-53	ITGAX
rs147001836	16	31237167	C	A	0.377288	0.0423311	4,99E-15	ITGAX
rs118018900	16	31203669	T	C	0.396177	0.0355478	7,59E-24	ITGAX
rs12600856	17	38163295	C	T	0.08013	0.0122461	6,02E-06	ITGAX
rs2594836	5	173205318	A	G	0.0831422	0.0137207	1,36E-04	SULF2
rs149110519	6	144385777	T	C	-0.220758	0.0265929	1,03E-11	SULF2
rs149007767	7	50370254	T	C	-0.127152	0.0166472	2,21E-09	SULF2
rs7310615	12	111865049	G	C	0.0785576	0.0119187	4,37E-06	SULF2
rs4383392	20	46096317	T	C	-0.55814	0.0126315	1,00E-200	SULF2
rs3092431	20	46517600	G	T	0.0773799	0.0119839	1,07E-06	SULF2
rs111995266	20	46323494	T	C	0.584162	0.0301866	1,98E-78	SULF2
rs4239651	20	46340596	C	T	0.621335	0.0143719	1,00E-200	SULF2
rs6090725	20	46371889	A	G	-0.436	0.0166733	9,95E-146	SULF2
rs41302561	20	46292853	G	A	0.258779	0.0360908	7,49E-08	SULF2
rs12369480	12	94517858	G	A	0.378647	0.0180377	7,79E-93	PLXNC1
rs4761598	12	94651631	T	C	0.159879	0.0156429	1,61E-19	PLXNC1
rs7520844	1	25054223	G	C	0.420117	0.0127663	1,00E-200	CLIC4
rs9663012	1	24919946	C	T	-0.106182	0.0143525	1,38E-08	CLIC4
rs1354034	3	56849749	C	T	0.124193	0.0122057	2,56E-19	CLIC4
rs149110519	6	144385777	T	C	0.172013	0.0266184	1,03E-05	TMEM268
rs7019176	9	117371546	G	A	-0.184977	0.0122988	4,02E-46	TMEM268
rs7032258	9	117384998	A	G	0.440982	0.0134186	1,00E-200	TMEM268
rs2787329	9	117151055	C	G	-0.0884262	0.0119429	1,32E-08	TMEM268
rs6592965	7	50427982	A	G	0.0786542	0.0119463	4,59E-06	REXO2
rs2365626	11	114286669	C	T	-0.14335	0.0138149	3,17E-20	REXO2

rs389884	6	31940897	G	A	-0.613723	0.0188614	1,00E-200	C4A
rs2857709	6	31532814	G	A	-0.315879	0.0172383	5,31E-70	C4A
rs139010734	6	31974014	T	C	0.413944	0.0480771	7,32E-13	C4A
rs140323264	6	31973462	C	T	0.244208	0.0335562	3,40E-09	C4A
rs115111668	6	32151882	T	C	0.523138	0.0477681	6,53E-24	C4A
rs3104391	6	32594901	C	T	0.265509	0.016142	8,58E-56	C4B
rs3132450	6	31596138	G	A	0.759481	0.0196062	1,00E-200	C4B
rs71326915	3	50119256	A	T	-0.0932625	0.0142019	5,13E-06	MAPKAPK3
rs34267788	3	50544811	A	T	-0.639128	0.0168876	1,00E-200	MAPKAPK3
rs149110519	6	144385777	T	C	0.713672	0.0259721	3,18E-162	MAPKAPK3
rs35435253	2	135118317	T	C	0.24731	0.0202496	2,65E-29	MGAT5
rs1345149	2	134979983	C	A	0.110189	0.0136489	6,85E-11	MGAT5
rs149007767	7	50370254	T	C	0.110791	0.0166555	2,90E-06	TALDO1
rs113226928	11	785145	A	G	0.262854	0.0209145	3,17E-31	TALDO1
rs35979828	12	54685880	T	C	-0.176949	0.0256058	4,83E-07	TALDO1
rs643381	6	139839423	A	C	0.0763046	0.0118862	1,37E-05	LGALS3
rs6592965	7	50427982	A	G	0.0966698	0.0119369	5,58E-11	LGALS3
rs7141706	14	55686601	G	C	-0.151577	0.02041	1,11E-08	LGALS3
rs1532331	5	43116830	T	G	-0.0796345	0.012783	4,68E-05	KLHDC4
rs9936204	16	87808697	T	C	-0.304651	0.0149879	7,51E-87	KLHDC4
rs11642730	16	88003585	C	T	0.0933913	0.011967	6,00E-10	KLHDC4
rs7195405	16	87668579	C	T	0.195883	0.0127273	1,89E-48	KLHDC4
rs148024386	16	87696925	T	G	-0.790925	0.0200532	1,00E-200	KLHDC4
rs360829	3	13054086	A	G	-0.113972	0.0125902	1,40E-14	IQSEC1
rs73014518	3	13057174	T	C	-0.280179	0.0142701	7,89E-81	IQSEC1
rs1354034	3	56849749	C	T	0.320298	0.01195	2,96E-153	PRKAR2B
rs6466154	7	106655445	G	A	-0.159996	0.0118347	1,20E-36	PRKAR2B
rs10761731	10	65027610	T	A	0.0691429	0.0120368	9,24E-05	PRKAR2B
rs505404	11	243268	G	T	0.101894	0.0142947	1,02E-07	PRKAR2B
rs11553699	12	122216910	G	A	0.113437	0.019026	2,49E-04	PRKAR2B
rs4256092	3	25649565	A	T	0.0952676	0.0129945	2,28E-08	RARB
rs10091639	8	100125215	C	T	0.100347	0.0148931	1,61E-06	VPS13B
rs78613137	2	230203933	T	A	-0.693902	0.0246809	6,43E-169	PID1
rs56389135	2	230124604	A	G	0.367242	0.0242222	6,37E-47	PID1
rs75892962	2	230190815	C	G	-0.712904	0.017428	1,00E-200	PID1
rs11691845	2	229241649	G	A	0.104629	0.0118723	1,22E-13	PID1
rs17578959	2	229877099	T	A	-0.107099	0.0151621	1,62E-07	PID1
rs17081935	4	57823476	T	C	0.131913	0.0147658	4,12E-14	PID1
rs2157770	9	136921464	G	A	-0.0789335	0.0126168	3,94E-05	PID1
rs1354034	3	56849749	C	T	0.418499	0.011733	1,00E-200	VWF
rs10820606	9	99192919	C	A	0.0829656	0.0139805	2,95E-04	VWF
rs2274351	10	104264107	T	C	-0.0708273	0.0119024	2,67E-04	VWF
rs7075195	10	65050659	G	A	0.10972	0.0120185	6,90E-15	VWF
rs11602954	11	202856	A	G	0.135833	0.0145229	8,52E-16	VWF
rs11064112	12	6363574	A	G	-0.101591	0.0120992	4,60E-12	VWF
rs148951807	12	6252904	T	C	0.238355	0.0181388	1,93E-34	VWF
rs60723559	12	6081210	T	C	-0.195622	0.0220504	7,20E-15	VWF
rs4764482	12	6169733	C	T	0.450211	0.0112917	1,00E-200	VWF
rs10512472	17	33884804	C	T	0.297906	0.0153204	3,21E-79	VWF
rs11082304	18	20720973	T	G	0.113174	0.0118655	1,45E-16	VWF
rs6746771	2	238801786	G	A	0.15174	0.0188828	9,30E-11	RAMP1
rs4663801	2	238808480	G	A	-0.191275	0.0183478	1,91E-20	RAMP1
rs895572	2	238815252	T	C	0.30822	0.0116586	5,09E-149	RAMP1
rs10423726	19	16444697	A	C	-0.0886974	0.0121039	2,34E-08	RAMP1
rs10229834	7	2750047	A	C	0.130337	0.0165293	3,15E-10	AMZ1
rs58748470	7	2748901	C	G	-0.110769	0.0169899	7,04E-06	AMZ1

rs9383626	6	152875862	G	T	0.179325	0.0181135	4,16E-18	SYNE1
rs732496	6	152953451	C	A	0.0945261	0.0120398	4,13E-10	SYNE1
rs12973712	19	54900248	G	C	-0.147976	0.0122723	1,76E-28	LAIR1
rs56092919	19	54855568	A	C	-0.360604	0.0174676	1,10E-89	LAIR1
rs1354034	3	56849749	C	T	0.28135	0.0120193	3,52E-116	CD9
rs505404	11	243268	G	T	0.12764	0.0142801	3,96E-14	CD9
rs73052336	12	5982664	T	G	0.391705	0.0395382	3,89E-18	CD9
rs2238106	12	6176025	C	A	0.104143	0.0121364	9,41E-13	CD9
rs11553699	12	122216910	G	A	0.115067	0.0190253	1,47E-04	CD9
rs11064031	12	6225131	T	C	-0.461162	0.0116833	1,00E-200	CD9
rs11552796	2	220108300	C	T	-0.147384	0.0205239	6,91E-08	TUBA4A
rs1354034	3	56849749	C	T	0.116206	0.0122112	1,79E-16	TUBA4A
rs16895831	6	42515791	T	C	0.119567	0.0145843	2,44E-11	TUBA4A
rs149007767	7	50370254	T	C	0.150547	0.0166334	1,42E-14	MCU
rs141094656	1	92753336	C	T	-0.29682	0.0429557	4,85E-07	DNASE2
rs6684514	1	156255456	A	G	0.0878576	0.0131329	2,23E-07	DNASE2
rs13062095	3	101267385	C	T	-0.11312	0.0124411	9,67E-15	DNASE2
rs56330463	5	148200011	C	T	0.0744462	0.012051	6,50E-06	DNASE2
rs56388170	7	28724374	T	G	0.0784244	0.0131107	2,21E-04	DNASE2
rs149007767	7	50370254	T	C	0.112913	0.0166545	1,21E-06	DNASE2
rs11882854	19	12793602	T	C	-0.442097	0.0327378	1,48E-36	DNASE2
rs144637785	19	12695262	A	G	0.389126	0.0491445	2,41E-10	DNASE2
rs117130511	19	12775836	A	G	0.275826	0.0457878	1,70E-04	DNASE2
rs4804174	19	11989836	C	G	-0.25258	0.0133803	1,76E-74	DNASE2
rs1205171	19	12911340	G	A	0.693472	0.0138088	1,00E-200	DNASE2
rs11586695	1	45820164	A	G	0.213918	0.0208298	9,64E-20	PRDX1
rs17522918	1	45987574	A	C	-0.547419	0.0203198	7,43E-155	PRDX1
rs849567	2	206609264	T	C	-0.1193	0.0204716	5,62E-05	NRP2
rs113185080	2	206547511	G	A	0.19381	0.0262736	1,62E-08	NRP2
rs12977116	19	12473577	G	T	0.0779908	0.0134049	5,96E-04	ACP5
rs12609856	19	11807010	A	C	0.198316	0.0117959	1,98E-59	ACP5
rs73498702	19	11813181	C	T	0.550282	0.0137392	1,00E-200	ACP5
rs4804604	19	11680634	C	A	0.567238	0.0110943	1,00E-200	ACP5
rs11264250	1	154693513	G	A	0.0760021	0.0119029	1,71E-07	KCNN3
rs10431216	12	26280714	C	G	-0.101306	0.0147698	6,94E-07	BHLHE41
rs1799987	3	46411935	G	A	-0.297342	0.0116945	1,30E-137	CCR5
rs34953706	3	46434319	A	G	0.119046	0.0137608	5,11E-13	CCR5
rs1387024	3	112547601	A	G	0.35372	0.0121087	1,36E-182	CD200R1L
rs12715522	3	58137163	G	A	0.182586	0.0122986	7,38E-45	FLNB
rs11714515	3	58410431	G	A	-0.0735504	0.0119635	7,85E-05	FLNB
rs113903699	3	58073474	C	G	-0.659144	0.021104	1,00E-200	FLNB
rs59882870	7	75638421	A	G	0.262358	0.0152775	4,24E-61	TMEM120A
rs56388170	7	28724374	T	G	-0.0846971	0.013108	1,04E-07	TMEM120A
rs3917679	1	169591853	T	C	0.146399	0.0118441	4,27E-30	F5
rs2239853	1	169525766	C	T	-0.652081	0.0105628	1,00E-200	F5
rs1894696	1	169517975	T	C	0.245441	0.0137469	2,68E-66	F5
rs149110519	6	144385777	T	C	0.226524	0.0265895	1,61E-12	F5
rs2158799	7	28277107	G	C	-0.071198	0.0122848	6,82E-04	F5
rs149007767	7	50370254	T	C	0.165258	0.0166235	2,75E-18	F5
rs56388170	7	28724374	T	G	-0.116939	0.0130904	4,13E-14	F5
rs7210990	17	16170764	A	C	-0.0738988	0.011895	5,20E-05	F5
rs6592965	7	50427982	A	G	-0.0808406	0.0119452	1,31E-06	KRT79
rs902771	12	53273745	A	C	-0.226855	0.0132388	8,05E-61	KRT79
rs10766583	11	19740011	C	G	-0.232084	0.0119752	1,13E-79	NAV2
rs1354034	3	56849749	C	T	-0.0767444	0.0122333	3,53E-05	TRPV2
rs7223205	17	16329815	A	G	-0.25039	0.0120013	1,15E-92	TRPV2

rs1375493	2	182323766	A	G	0.0997595	0.0119762	8,10E-12	CD44
rs286873	11	34702158	T	G	0.109042	0.018303	2,56E-04	CD44
rs507230	11	35129172	A	G	-0.143147	0.011872	1,77E-28	CD44
rs927335	11	35250518	T	A	-0.198721	0.0121706	6,24E-55	CD44
rs35048835	15	90819132	T	C	0.245219	0.0134173	1,28E-69	IQGAP1
rs11630272	15	91166364	A	C	-0.250184	0.0126725	9,40E-83	IQGAP1
rs7183707	15	90883733	T	G	0.494663	0.0125867	1,00E-200	IQGAP1
rs7942030	11	549959	T	C	-0.169229	0.0156008	2,05E-22	RNH1
rs12419766	11	503710	T	C	-0.452601	0.0179741	6,50E-136	RNH1
rs35435713	2	206246134	T	C	0.400277	0.0172551	4,82E-114	PARD3B
rs3811444	1	248039451	T	C	-0.0821476	0.0125668	6,28E-06	IGF2BP2
rs3896594	2	8762414	G	T	-0.0786026	0.0122625	1,45E-05	IGF2BP2
rs76838128	3	185519964	C	T	-0.278995	0.0453245	7,48E-05	IGF2BP2
rs592423	6	139840693	C	A	0.198705	0.0118102	1,60E-58	IGF2BP2
rs12466022	2	43359061	A	C	-0.0824536	0.013549	1,16E-04	HVCN1
rs113511140	12	111140321	C	T	-0.468557	0.0215365	6,01E-100	HVCN1
rs61704424	6	10464791	T	C	-0.191206	0.0219628	3,15E-13	GCNT2
rs9466463	6	10504532	C	G	-0.247901	0.0239383	3,93E-20	GCNT2
rs75036367	6	10513007	T	C	-0.501974	0.011197	1,00E-200	GCNT2
rs2305772	19	52033742	A	G	0.189419	0.0120051	4,40E-51	SIGLEC6
rs149007767	7	50370254	T	C	-0.245385	0.0165533	1,02E-44	CD33
rs10098310	8	130613614	A	G	-0.0734873	0.0120238	9,85E-05	CD33
rs2239630	14	23589349	G	A	0.0964906	0.0118845	4,69E-11	CD33
rs147493755	19	51739215	C	T	0.304316	0.0461519	4,29E-06	CD33
rs1710398	19	51726911	C	A	0.363274	0.0116707	1,00E-200	CD33
rs62115999	19	51761614	A	G	-100.435	0.0413475	2,47E-125	CD33
rs6757799	2	192439145	C	T	0.115719	0.0124226	1,22E-15	NABP1
rs12988350	2	192520676	C	T	-0.0880998	0.0138502	2,01E-06	NABP1
rs10187424	2	85794297	C	T	-0.0710659	0.0120408	3,59E-04	NABP1
rs149007767	7	50370254	T	C	0.126333	0.0166477	3,23E-10	NABP1
rs150290092	12	13400931	A	G	-0.34101	0.0386239	1,05E-13	HEBP1
rs12815655	12	13124937	C	A	0.43444	0.0113283	1,00E-200	HEBP1
rs13479	12	13128058	C	T	0.196826	0.0267466	1,85E-09	HEBP1
rs12618003	2	166653769	G	A	0.130741	0.018022	4,03E-09	GALNT3
rs149007767	7	50370254	T	C	0.1631	0.016625	1,02E-17	GALNT3
rs4385425	7	50307334	G	A	0.094287	0.012531	5,30E-09	AXL
rs1709138	19	41719851	G	A	-0.19634	0.0118156	5,25E-57	AXL
rs79518433	3	46574920	T	C	0.100093	0.0134	8,04E-09	CCR2
rs6441959	3	46342429	G	A	-0.372601	0.0142139	1,86E-147	CCR2
rs12485444	3	188135783	A	T	0.112614	0.0118677	2,33E-16	CCR2
rs1488370	3	45862837	C	T	0.133587	0.0120901	2,21E-23	CCR2
rs149007767	7	50370254	T	C	-0.148444	0.0166348	4,51E-14	CCR2
rs2157770	9	136921464	G	A	-0.0791738	0.0126167	3,49E-05	CCR2
rs2239630	14	23589349	G	A	0.0890934	0.0118886	6,68E-09	CCR2
rs13405863	2	218919675	T	C	-0.280025	0.017781	7,02E-51	RUFY4
rs17756344	14	69064102	C	T	0.233485	0.0363508	1,34E-06	RAD51B
rs149110519	6	144385777	T	C	-0.210429	0.0265988	2,55E-10	BAZ1A
rs55793580	9	127009395	T	C	-0.102206	0.0158272	1,06E-06	BAZ1A
rs8004518	14	35238970	G	A	-0.149323	0.0118425	1,88E-31	BAZ1A
rs12034138	1	218692641	T	C	0.12093	0.0175365	5,36E-07	TGFB2
rs112419852	8	38150516	A	C	-0.244973	0.0370526	3,80E-06	FGFR1
rs10958704	8	38328302	G	A	0.399285	0.0116327	1,00E-200	FGFR1
rs143116029	2	170124283	T	G	-0.29044	0.0328278	8,94E-14	DHRS9
rs33954745	2	170115672	G	A	0.306463	0.0229977	1,64E-36	DHRS9
rs3814382	2	169888988	G	A	0.465719	0.0116037	1,00E-200	DHRS9
rs56330463	5	148200011	C	T	0.0985287	0.0120387	2,74E-11	DHRS9

rs149110519	6	144385777	T	C	-0.42387	0.0264179	6,22E-53	DHRS9
rs2158799	7	28277107	G	C	0.078311	0.0122818	1,82E-05	DHRS9
rs149007767	7	50370254	T	C	0.170969	0.0166194	8,05E-20	DHRS9
rs7846314	8	61650831	T	A	0.152844	0.0154944	5,94E-18	DHRS9
rs2998286	10	28780373	C	T	0.0909426	0.0143262	2,18E-05	DHRS9
rs7310615	12	111865049	G	C	-0.0889408	0.0119136	8,29E-09	DHRS9
rs77526211	13	40974023	A	G	-0.331207	0.0291381	6,12E-25	DHRS9
rs9315786	13	41347517	G	A	-0.0788991	0.0132013	2,28E-04	DHRS9
rs35002543	2	70091299	G	A	0.28275	0.0135522	1,14E-91	GMCL1
rs116411323	7	76471100	A	C	0.222523	0.0329464	1,44E-06	GSAP
rs7384722	7	77275423	A	G	-0.0832158	0.011946	3,26E-07	GSAP
rs11983537	7	76908690	T	C	0.478772	0.0112842	1,00E-200	GSAP
rs2079357	7	76987129	A	G	0.293661	0.0219604	8,79E-36	GSAP
rs9420589	10	94450233	T	G	0.0766831	0.0120091	1,71E-06	GSAP
rs149110519	6	144385777	T	C	-0.23391	0.0265849	1,39E-13	LRG1
rs149007767	7	50370254	T	C	0.0962659	0.0166619	7,58E-05	LRG1
rs7210990	17	16170764	A	C	0.142628	0.0118506	2,32E-28	LRG1
rs8078723	17	38166879	C	T	0.115653	0.0122236	3,04E-16	LRG1
rs1609717	19	4519450	A	G	0.149434	0.0257796	6,77E-04	LRG1
rs17484848	2	111900560	C	T	0.111404	0.0192026	6,58E-04	MTSS1
rs3732378	3	39307162	A	G	-0.124412	0.0159835	7,03E-10	MTSS1
rs9468925	6	31258837	A	G	-0.0754802	0.0121084	4,55E-06	MTSS1
rs72710871	8	125419307	T	G	0.218621	0.0281688	8,43E-10	MTSS1
rs62530563	8	125793963	T	G	0.314272	0.0143337	1,49E-101	MTSS1
rs7461114	8	125831285	G	A	-0.0908429	0.0121019	6,07E-09	MTSS1
rs7003871	8	125851510	T	C	-0.150646	0.0125697	4,27E-28	MTSS1
rs4870903	8	125570144	A	G	-0.501776	0.0129238	1,00E-200	MTSS1
rs3184504	12	111884608	C	T	0.0952914	0.0119189	1,30E-10	MTSS1
rs8026803	15	80260014	C	T	-0.1537	0.0137225	4,04E-25	MTSS1
rs25916	5	108992465	G	A	0.107583	0.0144029	8,06E-09	MAN2A1
rs1076510	5	109028425	A	G	-0.260986	0.0158547	6,97E-56	MAN2A1
rs1375493	2	182323766	A	G	0.0818118	0.0119859	8,74E-08	SGMS2
rs144423514	4	108686542	C	T	-0.277245	0.0441572	3,41E-05	SGMS2
rs1663070	3	12239852	T	C	0.131811	0.0136475	4,54E-17	PPARG
rs1619599	3	12504290	A	G	-0.36722	0.0115426	1,00E-200	PPARG
rs61616923	2	218704480	G	A	0.414816	0.0116561	1,00E-200	TNS1
rs12212092	6	30128442	T	C	-0.223715	0.023544	2,05E-16	TNS1
rs6592965	7	50427982	A	G	0.091107	0.01194	2,34E-09	TNS1
rs8073060	17	33875262	A	T	0.218996	0.0127864	9,30E-61	TNS1
rs12974711	19	11297258	C	T	0.145728	0.0244666	2,58E-04	TNS1
rs62139282	2	54162855	C	T	0.203851	0.0339764	1,98E-04	EML6
rs13000120	2	55015024	G	A	0.396378	0.0131519	1,52E-194	EML6
rs657420	1	109826136	T	C	-0.12154	0.0118735	1,36E-20	SORT1
rs12478601	2	43721508	T	C	-0.101933	0.0120076	2,08E-12	SORT1
rs11189181	10	99144154	G	A	-0.085024	0.0129994	6,12E-06	SORT1
rs597808	12	111973358	G	A	-0.0754818	0.0119	2,25E-05	SORT1
rs4789084	17	72609867	C	T	-0.37237	0.0119025	1,00E-200	CD300C
rs58498473	17	72384682	C	A	-0.295368	0.0257287	1,66E-25	CD300C
rs9635673	17	72498003	C	A	-0.816642	0.0210472	1,00E-200	CD300C
rs1870985	17	72202150	G	C	-0.256183	0.0360913	1,26E-07	CD300C
rs2292107	17	72541052	T	C	0.662111	0.0169937	1,00E-200	CD300C
rs141094656	1	92753336	C	T	-0.249679	0.0429769	6,26E-04	DST
rs557074	6	7145191	G	T	0.102657	0.0151024	1,07E-07	DST
rs6899968	6	56235826	A	C	-0.159025	0.0126952	5,37E-31	DST
rs34752771	6	56796240	A	C	0.118578	0.0154437	1,62E-09	DST
rs611160	1	144894611	C	T	-0.116549	0.0124469	7,71E-16	PDE4DIP

rs11249433	1	121280613	G	A	-0.0941597	0.0121385	8,68E-11	PDE4DIP
rs7613595	3	16908518	C	A	0.125301	0.0139882	3,32E-15	SPP1
rs17013600	4	88878504	C	T	0.496936	0.0113399	1,00E-200	SPP1
rs36111742	4	89152718	G	A	-0.144535	0.0176845	3,00E-11	SPP1
rs6846514	4	88752387	A	G	0.450774	0.0119154	1,00E-200	SPP1
rs79947071	4	89371291	A	G	-0.152912	0.0259476	3,79E-04	SPP1
rs149110519	6	144385777	T	C	-0.161705	0.026623	1,25E-04	SPP1
rs1186222	7	75247329	T	C	0.0694575	0.0120025	7,17E-04	SPP1
rs7210990	17	16170764	A	C	0.0807408	0.0118918	1,12E-06	SPP1
rs4687748	3	53866330	G	A	-0.135161	0.0187466	5,60E-10	TKT
rs73840240	3	53252757	C	A	-0.567958	0.0143348	1,00E-200	TKT
rs115283372	3	52455432	T	C	-0.436714	0.0412625	3,54E-21	TKT
rs9831958	3	53449365	C	T	-0.180183	0.0123384	2,66E-43	TKT
rs13165424	5	154353012	G	A	0.0884	0.0133692	3,79E-06	TKT
rs12745630	1	162381833	G	C	0.254367	0.0125811	6,77E-86	SH2D1B
rs1559964	2	145343426	G	C	0.100267	0.0171887	5,44E-04	SH2D1B
rs35963943	3	18751611	A	G	0.105121	0.0163753	1,37E-05	SH2D1B
rs2516448	6	31390410	C	T	0.0909629	0.0120474	4,33E-09	SH2D1B
rs9420589	10	94450233	T	G	0.123664	0.0119813	5,64E-20	SH2D1B
rs2617170	12	10560957	C	T	-0.117482	0.0125998	1,12E-15	SH2D1B
rs80246673	2	238526998	A	G	-0.239341	0.024324	7,59E-18	LRRFIP1
rs7572337	2	238588470	G	C	-0.448798	0.0134575	1,00E-200	LRRFIP1
rs55793580	9	127009395	T	C	-0.0924749	0.0158315	5,18E-04	LRRFIP1
rs11065979	12	112059557	T	C	-0.0904154	0.0120395	5,91E-09	LRRFIP1
rs2182322	1	89499034	G	A	0.233605	0.0337219	4,29E-07	GBP2
rs76830965	3	159637678	A	C	0.120281	0.018856	1,78E-06	GBP2
rs9264638	6	31238318	A	G	0.0916847	0.0127059	5,35E-08	GBP2
rs149007767	7	50370254	T	C	0.126555	0.0166476	2,92E-09	GBP2
rs653178	12	112007756	T	C	-0.177081	0.0118484	1,66E-46	GBP2
rs4788084	16	28539848	T	C	-0.0862661	0.0120384	7,72E-08	GBP2
rs9897709	17	79454362	T	C	-0.180716	0.0135899	2,38E-35	ACTG1
rs4563861	8	105602964	C	G	-0.25847	0.0121879	8.23e-100	LRP12
rs12124948	1	150527294	T	C	-0.548296	0.0111193	1,00E-200	CTSK
rs6690662	1	150988961	T	C	-0.378521	0.0132304	5,05E-175	CTSK
rs12754510	1	151752383	A	G	0.147255	0.0184555	1,48E-10	CTSK
rs2788812	1	149777383	A	G	-0.165492	0.0230263	6,62E-08	CTSK
rs1354034	3	56849749	C	T	-0.100944	0.0122208	1,46E-12	ITGAL
rs149110519	6	144385777	T	C	0.187114	0.0266112	2,04E-07	ITGAL
rs11574938	16	30485393	C	G	-0.304278	0.0116715	7,94E-145	ITGAL