

S2.4 Waist Circumference GxS Top 1000 Hits - Generation 3 Exam 1

rs ^a	P-value	Chromosome	Coordinate	Closest Gene	Distance To Gene
rs2111330	1.17E-06	12	107630378	AC007649.1	34722
rs7976575	2.09E-06	12	107634542	AC007649.1	30558
rs3783332	3.10E-06	14	100586757	EVL	0
rs2181102	6.03E-06	14	100583949	EVL	0
rs7680982	1.12E-05	4	98007179	C4orf37;OTTHUMG00000131009	149616
rs8083046	1.47E-05	18	74474843	AC027575.1	37777
rs12086509	1.52E-05	1	200324163	OTTHUMG00000035722;C1orf98	0
rs17753403	1.64E-05	19	30581795	AC008507.1	52704
rs6817647	1.94E-05	4	46832562	OTTHUMG00000099423;COX7B2	0
rs4732342	3.88E-05	7	138673422	KIAA1549;OTTHUMG00000157214	-7358
rs4075859	3.91E-05	4	97991960	C4orf37;OTTHUMG00000131009	164835
rs7797152	4.30E-05	7	138677481	KIAA1549;OTTHUMG00000157214	-11417
rs35043991	4.72E-05	4	97998668	C4orf37;OTTHUMG00000131009	158127
rs9855470	4.94E-05	3	52493275	NISCH;OTTHUMG00000158571	0
rs7207282	4.94E-05	17	11588869	DNAH9;OTTHUMG00000130383	0
rs4970469	5.37E-05	1	27312816	OTTHUMG00000004276;RP11-344H11.6	0
rs6005209	5.50E-05	22	27253020	RP1-90L6.2;OTTHUMG00000150979	-1577
rs2191078	6.32E-05	17	11586923	DNAH9;OTTHUMG00000130383	0
rs4741904	6.51E-05	9	4176178	OTTHUMG00000019463;GLIS3	0
rs1011062	6.96E-05	3	52506903	NISCH;OTTHUMG00000158571	0
rs6445486	7.57E-05	3	52506491	NISCH;OTTHUMG00000158571	0
rs822354	7.79E-05	3	186480206	OTTHUMG00000156575;RP11-573D15.7	642
rs10497576	7.90E-05	2	182123841	OTTHUMG00000154205;AC104820.2	0
rs1533236	8.05E-05	4	123564458	OTTHUMG00000150127;AC053545.3	0
rs10847957	8.69E-05	12	130315930	TMEM132D	0
rs4732343	9.64E-05	7	138673567	KIAA1549;OTTHUMG00000157214	-7503
rs7697884	0.0001	4	5070657	STK32B;OTTHUMG00000090423	0
rs12065528	0.0001	1	85746162	OTTHUMG00000010579;RP11-131L23.1	0
rs10490135	0.0001	2	169893879	ABCB11;OTTHUMG00000154039	-6047
rs2642420	0.0001	1	220977650	OTTHUMG00000037353;MOSC1	0
rs16831778	0.0001	2	200541688	AC093590.2;OTTHUMG00000154492	16236
rs919505	0.0001	2	222199604	OTTHUMG00000133142;EPA4	83143
rs6810027	0.0001	3	52524574	NISCH;OTTHUMG00000158571	0

rs2541891	0.0001	12	107578281	AC007649.1	86819
rs13403114	0.0001	2	169898016	ABCB11;OTTHUMG00000154039	-10184
rs8023231	0.0001	14	95935176	C14orf49	0
rs769989	0.0001	1	56066503	OTTHUMG00000008246;RP11-466L17.1	0
rs494696	0.0001	1	108081910	AC114491.1	31551
rs934286	0.0001	2	222200205	OTTHUMG00000133142;EPHA4	82542
rs254340	0.0001	16	83794096	AC009063.1	0
rs505822	0.0001	1	108087250	AC114491.1	26211
rs9457189	0.0001	6	167006019	RPS6KA2;OTTHUMG00000016007	0
rs2161500	0.0001	5	56944366	CTD-2023N9.3;OTTHUMG00000162504	31108
rs3852935	0.0001	20	6143180	OTTHUMG00000031829;TARDBPL	38456
rs11698118	0.0001	20	40919680	OTTHUMG00000033040;PTPRT	0
rs2343114	0.0002	4	109110907	RP11-558N14.1;OTTHUMG00000161028	0
rs12670134	0.0002	7	78112998	MAGI2	0
rs17600699	0.0002	17	11554185	DNAH9;OTTHUMG00000130383	0
rs7578485	0.0002	2	229743009	OTTHUMG00000153591;AC007677.1	124507
rs17527619	0.0002	10	72355806	OTTHUMG00000018412;PRF1	1298
rs2269429	0.0002	6	-9	N/A	-9
rs229101	0.0002	21	28224836	ADAMTS1;OTTHUMG00000078688	-7108
rs17065243	0.0002	4	178744050	RP11-162G9.1;OTTHUMG00000160725	0
rs747391	0.0002	4	5992086	C4orf50;OTTHUMG00000149971	-712
rs822355	0.0002	3	186480123	OTTHUMG00000156575;RP11-573D15.7	559
rs9880089	0.0002	3	144988393	RP11-622L21.1;OTTHUMG00000159390	-252932
rs10148930	0.0002	14	100600803	EVL	0
rs4305466	0.0002	4	178735786	RP11-162G9.1;OTTHUMG00000160725	0
rs446947	0.0002	2	17712696	RAD51AP2;OTTHUMG00000151761	-1009
rs6053962	0.0002	20	6176915	OTTHUMG00000031829;TARDBPL	4721
rs4997952	0.0002	4	178740532	RP11-162G9.1;OTTHUMG00000160725	0
rs10513153	0.0002	5	13770000	DNAH5;OTTHUMG00000090533	0
rs6588567	0.0002	1	56059425	OTTHUMG00000008246;RP11-466L17.1	0
rs2823976	0.0002	21	18057633	AP000473.1	-33684
rs28461669	0.0002	4	98005555	C4orf37;OTTHUMG00000131009	151240
rs10741228	0.0002	10	129152153	DOCK1;OTTHUMG00000019249	0
rs426590	0.0002	2	17738199	OTTHUMG00000090645;VSNL1	0
rs2708629	0.0002	1	8454792	RERE;OTTHUMG00000001765	0
rs10015378	0.0002	4	178736851	RP11-162G9.1;OTTHUMG00000160725	0
rs1368943	0.0002	2	206033222	PARD3B;OTTHUMG00000154562	0

rs1497137	0.0003	4	142962843	INPP4B;OTTHUMG00000161341	0
rs17324338	0.0003	7	3825425	OTTHUMG00000151733;SDK1	0
rs1265759	0.0003	6	-9	N/A	-9
rs981854	0.0003	13	61652909	RP11-196P2.1;OTTHUMG00000017010	160770
rs13422432	0.0003	2	206031987	PARD3B;OTTHUMG00000154562	0
rs1368944	0.0003	2	206033290	PARD3B;OTTHUMG00000154562	0
rs2126314	0.0003	3	28701116	AC109586.1;OTTHUMG00000155718	0
rs2068406	0.0003	6	165275152	OTTHUMG00000015982;RP11-300M24.1	32046
rs2975842	0.0003	8	73925591	TERF1P3	0
rs6044855	0.0003	20	17488944	BFSP1;OTTHUMG00000031940	0
rs2883332	0.0003	5	21635568	OTTHUMG00000161915;RP11-823P9.1	90682
rs11784638	0.0003	8	131422473	ASAP1	-8256
rs7748405	0.0003	6	165377914	OTTHUMG00000015982;RP11-300M24.1	134808
rs7748425	0.0003	6	165377947	OTTHUMG00000015982;RP11-300M24.1	134841
rs6062314	0.0003	20	62409713	ZBTB46;OTTHUMG00000033001	0
rs11619095	0.0003	13	61655038	RP11-196P2.1;OTTHUMG00000017010	162899
rs10779702	0.0003	1	8423510	RERE;OTTHUMG00000001765	0
rs7485210	0.0003	12	131638853	AC126564.1	-10703
rs13415503	0.0003	2	206037412	PARD3B;OTTHUMG00000154562	0
rs2961787	0.0003	5	3013033	RP11-35O7.1;OTTHUMG00000161607	45291
rs3893408	0.0003	9	121127354	OTTHUMG00000020565;RP11-442A13.1	-281694
rs471766	0.0003	6	116461477	COL10A1;OTTHUMG00000015426	0
rs12527078	0.0003	6	165275011	OTTHUMG00000015982;RP11-300M24.1	31905
rs11832852	0.0003	12	5367801	NTF3	-173479
rs301791	0.0003	1	8468372	RERE;OTTHUMG00000001765	0
rs980369	0.0003	12	126765125	AC005868.1	-161902
rs626611	0.0003	8	79936774	IL7	-219016
rs6562153	0.0003	13	61652128	RP11-196P2.1;OTTHUMG00000017010	159989
rs10004704	0.0003	4	182757801	AC093669.1	-1540
rs7487651	0.0003	12	131636966	GPR133	10960
rs9327340	0.0003	5	124260544	RP11-284A20.1;OTTHUMG00000162992	3253
rs1398795	0.0003	4	93124994	RP11-562F9.1;OTTHUMG00000160921	-19791
rs6914630	0.0003	6	78840944	AL050340.1	193956
rs2166539	0.0003	2	134611868	AC011243.1	257898
rs6717535	0.0003	2	217258563	OTTHUMG00000154843;AC098820.2	0
rs7768422	0.0003	6	110796405	SLC22A16;OTTHUMG00000016171	0
rs10983996	0.0003	9	121117742	OTTHUMG00000020565;RP11-442A13.1	-272082

rs4946713	0.0003	6	106374015	AL596112.1	21453
rs6562154	0.0003	13	61652602	RP11-196P2.1;OTTHUMG00000017010	160463
rs7941885	0.0004	11	45781188	AC044839.1	-11795
rs9287077	0.0004	1	167071975	OTTHUMG00000034434;DUSP27	0
rs1785016	0.0004	11	115515326	AP000997.1	-17423
rs12588988	0.0004	14	94286525	PRIMA1;OTTHUMG00000141313	-31698
rs6541160	0.0004	1	220981358	OTTHUMG00000037353;MOSC1	0
rs10791275	0.0004	11	132939770	AP000843.2	0
rs4279608	0.0004	8	19508539	CSGALNACT1;OTTHUMG00000130827	0
rs4745506	0.0004	9	78745330	PCSK5;OTTHUMG00000020039	0
rs4596115	0.0004	3	57158685	IL17RD;OTTHUMG00000150171	0
rs4725928	0.0004	7	150392343	OTTHUMG00000157488;GIMAP2	1614
rs264883	0.0004	5	169177999	DOCK2	0
rs9394727	0.0004	6	40715658	OTTHUMG00000014664;RP11-570K4.1	-32556
rs6014133	0.0004	20	53300711	OTTHUMG00000032778;DOK5	33001
rs586180	0.0004	1	108088144	AC114491.1	25317
rs6546118	0.0004	2	65212178	SLC1A4;OTTHUMG00000129537	-3401
rs7548272	0.0004	1	56059283	OTTHUMG00000008246;RP11-466L17.1	0
rs1618710	0.0004	11	115515974	AP000997.1	-18071
rs10492043	0.0004	12	126779115	AC005868.1	-147912
rs7333868	0.0004	13	23504097	AL157931.2	10749
rs11038646	0.0004	11	45788094	AC044839.1	-4889
rs6764475	0.0004	3	62184407	PTPRG;OTTHUMG00000158660	0
rs2068407	0.0004	6	165275367	OTTHUMG00000015982;RP11-300M24.1	32261
rs748419	0.0004	5	18714244	CTD-2023M8.1;OTTHUMG00000161873	0
rs943936	0.0004	9	38027644	SHB;OTTHUMG00000019936	0
rs7090191	0.0004	10	8486590	RP11-543F8.2;OTTHUMG00000017648	0
rs1145750	0.0004	6	91420973	OTTHUMG00000015217;MAP3K7	-124209
rs9394733	0.0004	6	40753256	OTTHUMG00000014664;RP11-570K4.1	-70154
rs1565833	0.0004	10	117142374	OTTHUMG00000019096;ATRNL1	0
rs2112888	0.0004	5	56943912	CTD-2023N9.3;OTTHUMG00000162504	30654
rs2485971	0.0004	10	117141509	OTTHUMG00000019096;ATRNL1	0
rs12318156	0.0004	12	126771267	AC005868.1	-155760
rs11038424	0.0004	11	45399905	SYT13	-92021
rs6436251	0.0004	2	222199541	OTTHUMG00000133142;EPHA4	83206
rs1687632	0.0004	16	86375805	AC092327.1	0
rs368430	0.0004	2	17678048	RAD51AP2;OTTHUMG00000151761	13802

rs12546814	0.0004	8	105945047	RP11-200A13.1;OTTHUMG00000158678	48345
rs1339237	0.0004	9	78743151	PCSK5;OTTHUMG00000020039	0
rs981853	0.0005	13	61652874	RP11-196P2.1;OTTHUMG00000017010	160735
rs7071484	0.0005	10	23565895	C10orf67;OTTHUMG00000017818	0
rs1385110	0.0005	5	154843934	AC010591.1	55574
rs11014149	0.0005	10	24838797	KIAA1217;OTTHUMG00000017824	2025
rs13120622	0.0005	4	139554116	AC098859.1	-9362
rs12469829	0.0005	2	222204827	OTTHUMG00000133142;EPA4	77920
rs13417480	0.0005	2	206033781	PARD3B;OTTHUMG00000154562	0
rs12458016	0.0005	18	12005826	OTTHUMG00000131693;IMPA2	0
rs340260	0.0005	3	158634689	IQCJ;OTTHUMG00000158841	-45335
rs1295240	0.0005	5	154853855	AC010591.1	65495
rs13384550	0.0005	2	163510554	KCNH7;OTTHUMG00000132069	0
rs17191809	0.0005	21	36444779	RUNX1;OTTHUMG00000086299	0
rs1879518	0.0005	14	48422343	MDGA2;OTTHUMG00000029429	-278390
rs1484277	0.0005	5	154863737	AC010591.1	75377
rs2926304	0.0005	2	30976058	CAPN13;OTTHUMG00000152053	0
rs4148814	0.0005	7	87091543	ABCB4;OTTHUMG00000023396;MDR3	0
rs17759304	0.0005	6	113099084	OTTHUMG00000015394;RP1-159M24.1	-160002
rs966169	0.0005	8	40037659	C8orf4	24838
rs408359	0.0005	6	-9	N/A	-9
rs7447588	0.0005	5	154865786	AC010591.1	77426
rs1926069	0.0005	20	54866110	RP11-380D15.3;OTTHUMG00000032784	4913
rs340297	0.0005	3	158646151	IQCJ;OTTHUMG00000158841	-33873
rs6868969	0.0005	5	57063291	RP11-772C9.1;OTTHUMG00000162327	-15747
rs10494468	0.0005	1	167071780	OTTHUMG00000034434;DUSP27	0
rs11167730	0.0005	5	154850055	AC010591.1	61695
rs1728367	0.0005	16	86386888	AC092327.1	-7603
rs3786296	0.0005	18	12005933	OTTHUMG00000131693;IMPA2	0
rs17324527	0.0005	4	183538955	ODZ3;OTTHUMG00000160682	0
rs1361147	0.0006	6	133547481	EYA4;OTTHUMG00000015602	-15014
rs2647601	0.0006	11	5376856	OTTHUMG00000066670;AC104389.28	0
rs11732838	0.0006	4	178748145	RP11-162G9.1;OTTHUMG00000160725	0
rs748418	0.0006	5	18714208	CTD-2023M8.1;OTTHUMG00000161873	0
rs10490037	0.0006	2	229741332	OTTHUMG00000153591;AC007677.1	122830
rs11660123	0.0006	18	49905353	DCC;OTTHUMG00000132698	0
rs3843045	0.0006	20	6264593	AL109618.1	-54998

rs2694392	0.0006	12	105942955	C12orf75;OTTHUMG00000150129	177659
rs2432923	0.0006	5	154865288	AC010591.1	76928
rs3760606	0.0006	18	59220394	CDH20;OTTHUMG00000132768	0
rs11236507	0.0006	11	75444605	MOGAT2	1945
rs4349131	0.0006	16	8608537	TMEM114	11171
rs16841209	0.0006	4	7782434	OTTHUMG00000125515;AFAP1	0
rs2139592	0.0006	2	30974794	CAPN13;OTTHUMG00000152053	0
rs17514713	0.0006	22	29182070	CCDC117;OTTHUMG00000151091	0
rs12768691	0.0006	10	127197908	RPS27P18;OTTHUMG00000019226	-35407
rs11044870	0.0006	12	19959822	AC090059.1	82289
rs6784615	0.0006	3	52506426	NISCH;OTTHUMG00000158571	0
rs13269119	0.0006	8	118123066	SLC30A8	0
rs515442	0.0006	13	30551248	RP11-90M5.1;OTTHUMG00000016659	26623
rs8006628	0.0006	14	99023266	C14orf177	-154684
rs17324576	0.0006	4	183539039	ODZ3;OTTHUMG00000160682	0
rs7817043	0.0006	8	134170010	TG	22867
rs7937563	0.0006	11	25793348	RPL36AP40;OTTHUMG00000158318	-183007
rs4072368	0.0006	1	62504939	OTTHUMG00000008560;INADL	0
rs9638919	0.0006	7	36159611	AC078841.5;OTTHUMG00000155059	-9129
rs4541325	0.0006	22	17782813	CECR9;OTTHUMG00000150065	-27111
rs7045097	0.0006	9	6402856	UHRF2;OTTHUMG00000019521	-10295
rs938065	0.0006	2	196001319	AC010983.1;OTTHUMG00000154373	-110225
rs7022503	0.0006	9	78742354	PCSK5;OTTHUMG000000020039	0
rs1429547	0.0006	17	52598807	ISCA1P3	43331
rs6539278	0.0006	12	106958864	RFX4	-17821
rs2736553	0.0006	11	5384429	OTTHUMG00000006670;AC104389.28	0
rs1474194	0.0007	2	30974735	CAPN13;OTTHUMG00000152053	0
rs9302868	0.0007	16	8609969	TMEM114	9739
rs230852	0.0007	5	56960742	CTD-2023N9.3;OTTHUMG00000162504	47484
rs7611509	0.0007	3	144980846	RP11-622L21.1;OTTHUMG00000159390	-260479
rs3018921	0.0007	8	107835942	ABRA	-53470
rs6424267	0.0007	1	233171263	PCNXL2;OTTHUMG000000037824	0
rs7177659	0.0007	15	80158042	MTHFS;OTTHUMG00000144174	0
rs6461062	0.0007	7	14101573	AC004909.3;OTTHUMG00000152410	8587
rs17056627	0.0007	5	158659707	AC134043.2	2377
rs10940570	0.0007	5	56981001	RP11-772C9.1;OTTHUMG00000162327	66018
rs6084189	0.0007	20	2869695	OTTHUMG000000031718;PTPRA	0

rs9570277	0.0007	13	60808641	OTTHUMG00000017005;RP11-359P14.1	-19561
rs17160147	0.0007	19	8148042	FBN3	0
rs4074769	0.0007	16	8598547	TMEM114	21161
rs7158844	0.0007	14	99022010	C14orf177	-155940
rs10456882	0.0007	6	113062961	OTTHUMG00000015394;RP1-159M24.1	-123879
rs845852	0.0007	6	106146385	RP3-359N14.1;OTTHUMG00000016419	30512
rs6581231	0.0007	12	59511653	OTTHUMG00000157585;RP11-557F20.1	96981
rs954620	0.0007	6	114082753	AL671966.2	19765
rs2107192	0.0007	6	-9	N/A	-9
rs17317237	0.0007	20	53023999	OTTHUMG00000032778;DOK5	-68137
rs6415441	0.0007	8	105892704	RP11-200A13.1;OTTHUMG00000158678	100688
rs698028	0.0007	14	62120575	OTTHUMG00000140344;HIF1A	-41544
rs11060514	0.0007	12	130210479	TMEM132D	0
rs7074909	0.0007	10	24841274	KIAA1217;OTTHUMG00000017824	4502
rs7714534	0.0007	5	56982227	RP11-772C9.1;OTTHUMG00000162327	64792
rs4348357	0.0007	6	-9	N/A	-9
rs12609513	0.0007	19	15216006	SYDE1	-2208
rs11208743	0.0008	1	66242820	PDE4B;OTTHUMG00000009088	-15377
rs978000	0.0008	5	154855951	AC010591.1	67591
rs336341	0.0008	4	142959830	INPP4B;OTTHUMG00000161341	0
rs336339	0.0008	4	142959964	INPP4B;OTTHUMG00000161341	0
rs336338	0.0008	4	142960059	INPP4B;OTTHUMG00000161341	0
rs2880848	0.0008	13	19314519	OTTHUMG00000016465;RP11-38M15.6	0
rs1078544	0.0008	17	70767809	SLC39A11	0
rs8004992	0.0008	14	99023182	C14orf177	-154768
rs6549870	0.0008	3	28703364	AC109586.1;OTTHUMG00000155718	0
rs9822377	0.0008	3	74722828	CNTN3;OTTHUMG00000158813	-152537
rs17071722	0.0008	6	110794092	SLC22A16;OTTHUMG00000016171	0
rs1491357	0.0008	4	20904528	OTTHUMG00000128557;KCNIP4	0
rs9891949	0.0008	17	8099183	C17orf59;OTTHUMG00000153930	-5619
rs4574884	0.0008	8	131367481	ASAP1	0
rs10517283	0.0008	4	54051213	OTTHUMG00000160588;SCFD2	0
rs2070150	0.0008	1	161761276	OTTHUMG00000023961;ATF6	0
rs1064583	0.0008	6	116446576	COL10A1;OTTHUMG00000015426	0
rs17059034	0.0008	8	28226017	OTTHUMG00000102137;ZNF395	0
rs10493636	0.0008	1	80416512	RP11-339A11.1;OTTHUMG00000009702	141280
rs7528116	0.0008	1	115687266	RP4-666F24.3;OTTHUMG00000011879	41987

rs6747987	0.0008	2	75815249	OTTHUMG00000152943;AC005034.2	-9948
rs17097298	0.0008	14	99027363	C14orf177	-150587
rs199263	0.0008	3	37559645	OTTHUMG00000130815;ITGA9	0
rs2063452	0.0008	2	196012052	AC010983.1;OTTHUMG00000154373	-120958
rs9355518	0.0008	6	165367973	OTTHUMG00000015982;RP11-300M24.1	124867
rs2302698	0.0008	2	169963429	OTTHUMG00000155318;AC007556.3	5709
rs530536	0.0008	22	27587222	CTA-503F6.2;OTTHUMG00000150949	-12951
rs12040523	0.0008	1	161881297	OTTHUMG00000023961;ATF6	0
rs4945480	0.0008	6	113120853	AL360015.1	-171842
rs7850497	0.0008	9	6395540	UHRF2;OTTHUMG00000019521	-17611
rs2107825	0.0008	7	82551266	PCLO;OTTHUMG00000154853	0
rs4297552	0.0008	12	107560781	CRY1	-73183
rs7018326	0.0008	8	125977492	ZNF572	-8047
rs12530870	0.0008	7	36181501	OTTHUMG00000154904;EEPD1	-11257
rs2194708	0.0008	5	154859406	AC010591.1	71046
rs1648250	0.0008	13	103752904	SLC10A2;OTTHUMG00000017313	-33708
rs1325200	0.0008	1	80417994	RP11-339A11.1;OTTHUMG00000009702	139798
rs12765878	0.0008	10	105669622	OBFC1;OTTHUMG00000018996	0
rs12512553	0.0008	4	63820090	RP11-323K3.1;OTTHUMG00000160716	135578
rs1647594	0.0008	5	154876047	AC010591.1	87687
rs2312979	0.0008	5	154866865	AC010591.1	78505
rs1493657	0.0008	11	25761824	RPL36AP40;OTTHUMG00000158318	-151483
rs2791349	0.0009	8	131345906	ASAP1	0
rs10493589	0.0009	1	76732857	OTTHUMG00000009615;ST6GALNAC3	0
rs7016437	0.0009	8	118060748	SLC30A8	0
rs6578048	0.0009	8	140870974	TRAPPC9	0
rs10968574	0.0009	9	28413315	LINGO2;OTTHUMG00000019721	0
rs1940	0.0009	16	57915407	CNGB1;OTTHUMG00000154810	837
rs7949396	0.0009	11	7333468	SYT9	0
rs17066056	0.0009	13	76887518	AL445929.1	178172
rs954388	0.0009	20	6175064	OTTHUMG00000031829;TARDBPL	6572
rs1500033	0.0009	12	59520330	OTTHUMG00000157585;RP11-557F20.1	105658
rs1397744	0.0009	2	196045183	AC010983.1;OTTHUMG00000154373	-154089
rs11153377	0.0009	6	113039912	OTTHUMG00000015394;RP1-159M24.1	-100830
rs17030598	0.0009	3	105365	OTTHUMG00000154852;AY269186.2	-9336
rs543134	0.0009	2	30917735	CAPN13;OTTHUMG00000152053	27902
rs10828584	0.0009	10	24278748	KIAA1217;OTTHUMG00000017824	0

rs6889334	0.0009	5	156311624	AC011414.2	32085
rs7831209	0.0009	8	27866322	AC069113.1	0
rs12246970	0.0009	10	424200	DIP2C;OTTHUMG00000017532	0
rs2893525	0.0009	7	36149973	AC078841.5;OTTHUMG00000155059	0
rs230823	0.0009	5	56957896	CTD-2023N9.3;OTTHUMG00000162504	44638
rs41398251	0.0009	21	42480028	C21orf130;OTTHUMG00000086741	33399
rs11167682	0.0009	5	153822342	AC008625.2	0
rs7100550	0.0009	10	76237498	OTTHUMG00000018506;ADK	0
rs1459952	0.0009	11	81582739	AP002802.1	8157
rs2861668	0.0009	3	173927196	OTTHUMG00000157005;NLGN1	0
rs7739145	0.0009	6	113140908	AL360015.1	-151787
rs7775421	0.0009	6	119591779	MAN1A1;OTTHUMG00000015472	0
rs17633799	0.0009	19	53185531	ZNF611;OTTHUMG00000154908	21941
rs6581232	0.0009	12	59511889	OTTHUMG00000157585;RP11-557F20.1	97217
rs7952875	0.0009	12	59507893	OTTHUMG00000157585;RP11-557F20.1	93221
rs7984957	0.0009	13	60814970	OTTHUMG00000017005;RP11-359P14.1	-25890
rs12562944	0.0009	1	200162670	NR5A2;OTTHUMG00000035635	16118
rs9864661	0.0009	3	144985754	RP11-622L21.1;OTTHUMG00000159390	-255571
rs10000659	0.0009	4	93182256	OTTHUMG00000160917;RP11-562F9.2	7662
rs2177745	0.0009	11	112240104	AP002841.2	6847
rs6598886	0.001	1	27849300	OTTHUMG00000003517;RP1-159A19.4	-3016
rs17214837	0.001	9	126369126	OTTHUMG00000020643;DENND1A	0
rs2099106	0.001	16	9380708	RP11-473I1.1;OTTHUMG00000158086	-129970
rs11236518	0.001	11	75453066	MOGAT2	10406
rs2494533	0.001	6	110810491	SLC22A16;OTTHUMG00000016171	-12647
rs172531	0.001	1	8495590	RERE;OTTHUMG00000001765	0
rs301801	0.001	1	8495945	RERE;OTTHUMG00000001765	0
rs12104757	0.001	2	236289973	AC092576.1	54878
rs17296123	0.001	4	138847266	RP11-8P17.1;OTTHUMG00000161281	101310
rs6127152	0.001	20	52872215	PFDN4;OTTHUMG00000032775	27624
rs9508605	0.001	13	30530852	RP11-90M5.1;OTTHUMG00000016659	6227
rs302719	0.001	1	8490320	RP5-1115A15.1;OTTHUMG00000001772	0
rs9477598	0.001	6	18053437	AL589723.1	-180
rs11013316	0.001	10	23489752	C10orf115;OTTHUMG00000017814	2993
rs1355696	0.001	12	17424512	OTTHUMG00000157496;RP11-74N9.1	149121
rs9543521	0.001	13	74654900	KLF12;OTTHUMG00000017078	0
rs210351	0.001	14	54174296	OTTHUMG00000133700;AL163953.3	20320

rs2823979	0.001	21	18062669	AP000473.1	-28648
rs17574954	0.001	1	108879960	RP11-483I13.4;OTTHUMG00000011321	0
rs10780017	0.001	3	31967450	OTTHUMG000000130672;OSBPL10	0
rs736627	0.001	8	107100285	RP11-778D12.1;OTTHUMG000000160423	-127708
rs4290419	0.001	14	100583491	EVL	0
rs7609906	0.001	3	68965552	FAM19A4;OTTHUMG000000158744	0
rs1264764	0.001	10	116947148	OTTHUMG00000019096;ATRNL1	0
rs11016664	0.001	10	130884569	RP11-442O18.1;OTTHUMG00000019257	-126243
rs9952931	0.001	18	49929464	DCC;OTTHUMG000000132698	0
rs210352	0.0011	14	54173539	OTTHUMG000000133700;AL163953.3	19563
rs7699465	0.0011	4	97942649	COX7A2P2;OTTHUMG000000160945	118377
rs17585069	0.0011	4	185278417	RP11-290F5.2;OTTHUMG000000160616	-3287
rs262847	0.0011	5	169168291	DOCK2	0
rs1978551	0.0011	8	131257795	ASAP1	0
rs7833651	0.0011	8	134161109	TG	13966
rs7100920	0.0011	10	105640978	OBFC1;OTTHUMG00000018996	1322
rs3110504	0.0011	11	62174394	SCGB1A1	-12129
rs12213036	0.0011	6	113143519	AL360015.1	-149176
rs12136689	0.0011	1	8601118	RERE;OTTHUMG00000001765	0
rs6445853	0.0011	3	57134115	IL17RD;OTTHUMG000000150171	0
rs1386443	0.0011	8	122358307	RP11-414D17.1;OTTHUMG000000158692	34070
rs7694264	0.0011	4	63820606	RP11-323K3.1;OTTHUMG000000160716	136094
rs11836781	0.0011	12	91817720	DCN	-240914
rs4302748	0.0011	7	36191699	OTTHUMG000000154904;EEPD1	-1059
rs10102960	0.0011	8	3210699	CSMD1	0
rs2642973	0.0011	1	247162658	OTTHUMG000000040707;ZNF695	0
rs6792421	0.0011	3	62185364	PTPRG;OTTHUMG000000158660	0
rs1580840	0.0011	4	142926931	INPP4B;OTTHUMG000000161341	17382
rs17010845	0.0011	10	49791474	ARHGAP22;OTTHUMG00000018176	0
rs4857065	0.0012	3	97477083	EPHA6;OTTHUMG000000159208	5779
rs2717141	0.0012	18	75009619	OTTHUMG000000132875;GALR1	28761
rs6123401	0.0012	20	53256481	OTTHUMG000000032778;DOK5	0
rs7650625	0.0012	3	68964109	FAM19A4;OTTHUMG000000158744	0
rs1495377	0.0012	12	71577101	TSPAN8	0
rs4854306	0.0012	2	433274	OTTHUMG000000151358;AC105393.2	10971
rs7077246	0.0012	10	127209521	RPS27P18;OTTHUMG00000019226	-47020
rs7128180	0.0012	11	25757021	RPL36AP40;OTTHUMG000000158318	-146680

rs11028885	0.0012	11	25757786	RPL36AP40;OTTHUMG00000158318	-147445
rs2495051	0.0012	1	14048199	OTTHUMG00000007917;PRDM2	0
rs1954602	0.0012	1	191558022	OTTHUMG00000041126;RP11-541F9.1	269815
rs604788	0.0012	2	33664350	RASGRP3;OTTHUMG00000152124	0
rs12464679	0.0012	2	119767322	MARCO;OTTHUMG00000131400	15086
rs7870771	0.0012	9	31397582	RP11-291J9.1;OTTHUMG00000019736	-107696
rs7820941	0.0012	8	129303172	AC007860.1	70123
rs4491254	0.0012	11	86610247	FZD4	46475
rs1877834	0.0012	13	61646221	RP11-196P2.1;OTTHUMG00000017010	154082
rs1507316	0.0012	4	63824412	RP11-323K3.1;OTTHUMG00000160716	139900
rs6984815	0.0012	8	131156071	AC103725.1	0
rs17062398	0.0012	9	78913657	PCSK5;OTTHUMG00000020039	0
rs1078545	0.0012	17	70767984	SLC39A11	0
rs758895	0.0012	7	150574923	ABP1;OTTHUMG00000158306	16331
rs11253197	0.0012	10	5524401	CALML5;OTTHUMG00000017598	16259
rs8011174	0.0012	14	37498841	SLC25A21;OTTHUMG00000140250	0
rs12028953	0.0012	1	161852353	OTTHUMG00000023961;ATF6	0
rs1004588	0.0012	3	186006618	OTTHUMG00000156617;DGKG	0
rs4320911	0.0012	10	49793554	ARHGAP22;OTTHUMG00000018176	0
rs6539818	0.0012	12	84544531	AC090679.1	32572
rs2426377	0.0012	20	50314369	OTTHUMG00000032751;ATP9A	0
rs6779183	0.0012	3	144980110	RP11-622L21.1;OTTHUMG00000159390	-261215
rs6559181	0.0012	8	720491	OTTHUMG00000129163;ERICH1	-39252
rs17821926	0.0012	10	105815116	OTTHUMG00000018998;COL17A1	0
rs2366360	0.0012	11	114698949	FAM55B	120664
rs6516643	0.0012	21	26222398	AP000235.2;OTTHUMG00000078331	0
rs10257418	0.0012	7	17783427	SNX13;OTTHUMG00000152730	46958
rs12670489	0.0012	7	150572570	ABP1;OTTHUMG00000158306	13978
rs4738861	0.0012	8	61979873	AC105015.1	-135037
rs6983761	0.0012	8	134187053	WISP1	-16259
rs7113960	0.0012	11	97215979	AP005434.1	-312485
rs1676187	0.0013	4	178978140	AC021200.1	59735
rs6876947	0.0013	5	3228264	OTTHUMG00000161608;CTD-2029E14.1	46918
rs41501046	0.0013	7	14104848	AC004909.3;OTTHUMG00000152410	5312
rs4242952	0.0013	13	73990613	RP11-30C8.2;OTTHUMG00000017077	0
rs2816319	0.0013	1	192532792	RP5-1011O1.2;OTTHUMG00000041135	0
rs10076934	0.0013	5	154968621	AC010591.1	180261

rs1408349	0.0013	10	85419023	OTTHUMG00000018629;RP11-344L13.2	13139
rs17565042	0.0013	16	8225750	AC093515.1	-276317
rs3016003	0.0013	3	37587444	OTTHUMG00000130815;ITGA9	0
rs9992023	0.0013	4	25720224	OTTHUMG00000160336;RP11-302F12.8	0
rs4422395	0.0013	4	74741983	CXCL1;OTTHUMG00000160866	5024
rs3860919	0.0013	9	86044538	FRMD3;OTTHUMG00000020103	0
rs7126987	0.0013	11	25771209	RPL36AP40;OTTHUMG00000158318	-160868
rs11233357	0.0013	11	82581031	PRCP	0
rs11215223	0.0013	11	114702663	FAM55B	124378
rs11219311	0.0013	11	123696261	OR6M1	-19204
rs7299358	0.0013	12	115535403	AC026765.2	329640
rs1890232	0.0013	1	191564481	OTTHUMG00000041126;RP11-541F9.1	263356
rs16841428	0.0013	2	158117405	GALNT5;OTTHUMG00000131965	0
rs1922876	0.0013	4	161130933	RP11-502M1.1;OTTHUMG00000161423	312048
rs8003616	0.0013	14	52646094	OTTHUMG00000140299;PTGDR	-88337
rs1549392	0.0013	7	23956720	AC009508.1;OTTHUMG00000152555	-19766
rs2702969	0.0013	8	134067532	SLA	0
rs1664278	0.0013	10	61694304	C10orf40;OTTHUMG00000018285	23671
rs1203630	0.0013	1	14067851	OTTHUMG00000007917;PRDM2	0
rs3820423	0.0013	1	201061777	CACNA1S;OTTHUMG00000035784	0
rs10168064	0.0013	2	67008311	AC009474.1;OTTHUMG00000152855	39505
rs2343849	0.0013	3	32446152	OTTHUMG00000155869;CMTM7	0
rs12637414	0.0013	3	97606672	CRYBG3;OTTHUMG00000159187	0
rs6873648	0.0013	5	154969053	AC010591.1	180693
rs7327426	0.0013	13	61612740	RP11-196P2.1;OTTHUMG00000017010	120601
rs17536192	0.0013	14	33535924	OTTHUMG00000140215;NPAS3	0
rs16966896	0.0013	16	64069918	AC093536.1	224552
rs9637208	0.0013	21	47284892	PCBP3;OTTHUMG00000090399	0
rs12093398	0.0013	1	246113980	SMYD3;OTTHUMG00000040508	0
rs4574573	0.0013	5	37915720	CTD-2194L12.2;OTTHUMG00000162107	0
rs6917857	0.0013	6	165358162	OTTHUMG00000015982;RP11-300M24.1	115056
rs10973666	0.0013	9	38104144	SHB;OTTHUMG00000019936	-34934
rs2421360	0.0013	2	125767222	AC098853.1	20320
rs10211241	0.0013	2	200567136	AC093590.2;OTTHUMG00000154492	41684
rs1448346	0.0013	7	114421923	OTTHUMG00000023131;FOXP2	88096
rs1684906	0.0013	10	61693975	C10orf40;OTTHUMG00000018285	24000
rs11088210	0.0013	21	33561604	OTTHUMG00000085307;NCRNA00159	0

rs2498982	0.0013	1	62516683	OTTHUMG00000008560;INADL	0
rs11785559	0.0013	8	129300304	AC007860.1	67255
rs7147924	0.0013	14	52610520	OTTHUMG000000140298;NID2	-73975
rs3901896	0.0013	15	80734097	AC016705.1	0
rs10500328	0.0013	16	5807878	AC012175.1	2810
rs9992790	0.0014	4	61371097	AC095061.1	158570
rs2667132	0.0014	4	142927755	INPP4B;OTTHUMG000000161341	16558
rs6932080	0.0014	6	78708695	AL050340.1	61707
rs1664276	0.0014	10	61693239	C10orf40;OTTHUMG00000018285	24736
rs6585151	0.0014	10	114110814	GUCY2GP;OTTHUMG00000019058;GUC	0
rs10793124	0.0014	11	75452267	MOGAT2	9607
rs1793173	0.0014	11	118074117	AMICA1	0
rs9592091	0.0014	13	61676435	RP11-196P2.1;OTTHUMG00000017010	184296
rs7546225	0.0014	1	8871965	RERE;OTTHUMG00000001765	0
rs6868240	0.0014	5	4938915	AC114303.1	-8792
rs12527030	0.0014	6	165274670	OTTHUMG00000015982;RP11-300M24.1	31564
rs2799729	0.0014	9	38466031	RP11-403F21.1;OTTHUMG00000019940	-11964
rs979713	0.0014	17	11599687	DNAH9;OTTHUMG000000130383	0
rs2018572	0.0014	17	11599798	DNAH9;OTTHUMG000000130383	0
rs5749016	0.0014	22	17783945	CECR9;OTTHUMG000000150065	-25979
rs2291842	0.0014	11	5719667	OTTHUMG000000066904;TRIM22	0
rs1559669	0.0014	11	107084715	CWF19L2;OTTHUMG000000152975	112359
rs11082922	0.0014	18	49929447	DCC;OTTHUMG000000132698	0
rs8131179	0.0014	21	44082201	PDE9A;OTTHUMG000000086825	0
rs10125018	0.0014	9	31394698	RP11-291J9.1;OTTHUMG00000019736	-110580
rs7946787	0.0014	11	107140547	CWF19L2;OTTHUMG000000152975	56527
rs3852946	0.0014	20	6255311	AL109618.1	-45716
rs6427830	0.0014	1	200464803	OTTHUMG000000035719;RP11-469A15.2	17382
rs11708232	0.0014	3	26423469	AC098615.2;OTTHUMG000000155613	-34340
rs7788676	0.0014	7	14061054	AC004909.1	-10666
rs10834774	0.0014	11	25758821	RPL36AP40;OTTHUMG000000158318	-148480
rs783230	0.0014	17	72541980	CD300C;OTTHUMG000000067608	0
rs778187	0.0014	2	137595545	THSD7B;OTTHUMG000000153590	0
rs981544	0.0014	4	97931374	COX7A2P2;OTTHUMG000000160945	107102
rs2741205	0.0014	8	134076725	SLA	0
rs11038423	0.0014	11	45399819	SYT13	-91935
rs7324102	0.0014	13	39867151	LHFP;OTTHUMG00000016767	49878

rs11711363	0.0014	3	140727	OTTHUMG00000154852;AY269186.2	-44698
rs17071719	0.0014	6	110793870	SLC22A16;OTTHUMG00000016171	0
rs7318329	0.0014	13	61686544	RP11-196P2.1;OTTHUMG00000017010	194405
rs2710673	0.0014	2	17845296	SMC6;OTTHUMG00000090675	0
rs17009486	0.0014	2	30660266	AC073255.2	-4952
rs544395	0.0014	2	30919788	CAPN13;OTTHUMG00000152053	25849
rs17258738	0.0014	4	183539691	ODZ3;OTTHUMG00000160682	0
rs10463368	0.0014	5	143569586	KCTD16;OTTHUMG00000163172	0
rs6461065	0.0014	7	14105880	AC004909.3;OTTHUMG00000152410	4280
rs11224402	0.0014	11	100579713	ARHGAP42	0
rs17403138	0.0014	1	165177170	LMX1A;OTTHUMG00000034575	0
rs6898205	0.0014	5	154969953	AC010591.1	181593
rs12205260	0.0014	6	119635739	MAN1A1;OTTHUMG00000015472	0
rs17709973	0.0014	10	20670574	RP11-337N19.1;OTTHUMG00000017782	30545
rs12281442	0.0014	11	25777091	RPL36AP40;OTTHUMG00000158318	-166750
rs6054049	0.0014	20	6254909	AL109618.1	-45314
rs778188	0.0015	2	137594925	THSD7B;OTTHUMG00000153590	0
rs1559165	0.0015	5	154973131	AC010591.1	184771
rs10959672	0.0015	9	11257448	RP11-23D5.1;OTTHUMG00000019554	17866
rs7855520	0.0015	9	31381316	RP11-291J9.1;OTTHUMG00000019736	-123962
rs1877535	0.0015	12	17425575	OTTHUMG00000157496;RP11-74N9.1	150184
rs990284	0.0015	3	104972	OTTHUMG00000154852;AY269186.2	-8943
rs155524	0.0015	3	37562141	OTTHUMG00000130815;ITGA9	0
rs2073149	0.0015	6	-9	N/A	-9
rs12206418	0.0015	6	78699746	AL050340.1	52758
rs12541216	0.0015	8	74875358	TCEB1	0
rs7862494	0.0015	9	38459763	RP11-403F21.1;OTTHUMG00000019940	-5696
rs11028909	0.0015	11	25772445	RPL36AP40;OTTHUMG00000158318	-162104
rs1974236	0.0015	13	21809058	RP11-101P17.10;OTTHUMG0000001653	0
rs724051	0.0015	16	64068732	AC093536.1	225738
rs2277998	0.0015	19	7831628	CLEC4M	0
rs11153383	0.0015	6	113125985	AL360015.1	-166710
rs10793125	0.0015	11	75452364	MOGAT2	9704
rs6516641	0.0015	21	26221082	AP000235.2;OTTHUMG00000078331	0
rs6928046	0.0015	6	113129993	AL360015.1	-162702
rs6936790	0.0015	6	119707418	MAN1A1;OTTHUMG00000015472	-36492
rs10773707	0.0015	12	130263311	TMEM132D	0

rs3864171	0.0015	4	173895238	OTTHUMG00000160807;GALNTL6	0
rs1429675	0.0015	8	107101623	RP11-778D12.1;OTTHUMG00000160423	-126370
rs11236531	0.0015	11	75493209	DGAT2	0
rs7107742	0.0015	11	75557410	UVRAG	0
rs13326685	0.0015	3	189560617	TP63;OTTHUMG00000156313	0
rs1376417	0.0015	4	66234569	EPHA5;OTTHUMG00000129273	0
rs17728052	0.0015	6	78930181	AL050340.1	283193
rs11038430	0.0015	11	45406740	SYT13	-98856
rs1326711	0.0015	13	75090802	OTTHUMG00000017082;RP11-285E18.1	-36178
rs1321464	0.0015	20	53032257	OTTHUMG00000032778;DOK5	-59879
rs4668897	0.0015	2	15480441	OTTHUMG00000121153;NBAS	0
rs8177201	0.0015	3	133469855	OTTHUMG00000150356;TF	0
rs6825703	0.0015	4	174210358	GALNT7;OTTHUMG00000160817	0
rs13359971	0.0015	5	124241613	RP11-284A20.1;OTTHUMG00000162992	-14027
rs6455975	0.0015	6	165359087	OTTHUMG00000015982;RP11-300M24.1	115981
rs11985060	0.0015	8	81522209	AC022598.1	3564
rs10099580	0.0015	8	122366903	RP11-414D17.1;OTTHUMG00000158692	25474
rs7386870	0.0015	8	131430133	ASAP1	-15916
rs1793174	0.0015	11	118074337	AMICA1	0
rs1986179	0.0015	16	61027184	RP11-51O6.1;OTTHUMG00000158168	62165
rs6844834	0.0015	4	10710929	OTTHUMG00000160063;RP11-61G19.1	11644
rs17074473	0.0015	6	113140879	AL360015.1	-151816
rs4527915	0.0015	8	65963602	RP11-822K17.1;OTTHUMG00000158619	-104040
rs7858414	0.0015	9	31394336	RP11-291J9.1;OTTHUMG00000019736	-110942
rs10512054	0.0015	9	78742697	PCSK5;OTTHUMG00000020039	0
rs12279327	0.0015	11	114694273	FAM55B	115988
rs951062	0.0015	12	19988377	AC090059.1	110844
rs7339191	0.0015	13	61629964	RP11-196P2.1;OTTHUMG00000017010	137825
rs1559605	0.0015	2	67066797	AC009474.1;OTTHUMG00000152855	-17095
rs744873	0.0015	2	233280565	AC068134.5;OTTHUMG00000153336	0
rs744874	0.0015	2	233280822	AC068134.5;OTTHUMG00000153336	0
rs7647288	0.0015	3	149414331	WWTR1;OTTHUMG00000159614	0
rs12660680	0.0015	6	65292039	EYS;OTTHUMG00000014971	10985
rs10455344	0.0015	6	78942566	AL050340.1	295578
rs2215562	0.0015	7	150570129	ABP1;OTTHUMG00000158306	11537
rs2673797	0.0015	10	69915035	MYPN;OTTHUMG00000018344	0
rs9596933	0.0015	13	33767700	RP11-81F11.3;OTTHUMG00000016709	0

rs262836	0.0016	5	169173581	DOCK2	0
rs7945912	0.0016	11	750849	OTTHUMG00000133318;TALDO1	0
rs16914560	0.0016	11	25773574	RPL36AP40;OTTHUMG00000158318	-163233
rs1836872	0.0016	16	64063724	AC093536.1	230746
rs202858	0.0016	21	18610044	AP000457.1;OTTHUMG00000074393	-26379
rs16841430	0.0016	2	158118624	GALNT5;OTTHUMG00000131965	0
rs10011243	0.0016	4	185346090	IRF2;OTTHUMG00000160606	0
rs10503671	0.0016	8	19987173	SLC18A1;OTTHUMG00000097017	15193
rs2256476	0.0016	8	134107136	SLA	0
rs719724	0.0016	9	6365614	OTTHUMG00000019518;TPD52L3	33714
rs1214001	0.0016	11	85379511	OTTHUMG00000133648;CREBZF	-3365
rs17567007	0.0016	15	28201539	OTTHUMG00000128871;OCA2	0
rs12334756	0.0016	8	105943295	RP11-200A13.1;OTTHUMG00000158678	50097
rs10762618	0.0016	10	76208811	OTTHUMG00000018506;ADK	0
rs2035654	0.0016	3	57140108	IL17RD;OTTHUMG00000150171	0
rs6445991	0.0016	3	58575110	OTTHUMG00000159159;FAM107A	0
rs11740229	0.0016	5	163133019	AC116917.2	3192
rs1331809	0.0016	6	78797141	AL050340.1	150153
rs17828750	0.0016	4	63314242	OTTHUMG00000160669;RP11-26C10.1	40974
rs12915979	0.0016	15	91199025	AC021422.1	-4440
rs1433275	0.0016	10	127212655	RPS27P18;OTTHUMG00000019226	-50154
rs7112727	0.0016	11	25771252	RPL36AP40;OTTHUMG00000158318	-160911
rs16863838	0.0016	1	161735118	RP11-474I16.8;OTTHUMG00000034539	0
rs1408350	0.0016	10	85419147	OTTHUMG00000018629;RP11-344L13.2	13015
rs1742649	0.0016	14	46557134	N/A	-9
rs11632180	0.0016	15	22908279	OTTHUMG00000129100;CYFIP1	0
rs17783087	0.0016	16	83910506	AC009063.1	0
rs1546157	0.0016	10	84592960	NRG3;OTTHUMG00000018626	0
rs17416166	0.0016	1	55966832	AL109742.1	-16187
rs4951089	0.0016	1	204610898	OTTHUMG00000035989;LRRN2	0
rs7695513	0.0016	4	13490658	OTTHUMG00000090543;RAB28	-4669
rs10834785	0.0016	11	25772371	RPL36AP40;OTTHUMG00000158318	-162030
rs7149428	0.0016	14	48416201	MDGA2;OTTHUMG00000029429	-272248
rs6103592	0.0016	20	42691387	C20orf100;TOX2;OTTHUMG00000032517	0
rs4508611	0.0017	2	161459908	RBMS1;OTTHUMG00000132031	-109603
rs16866742	0.0017	2	180330897	ZNF385B;OTTHUMG00000154559	0
rs2018568	0.0017	17	11599819	DNAH9;OTTHUMG00000130383	0

rs1499663	0.0017	1	56057990	OTTHUMG00000008246;RP11-466L17.1	0
rs684009	0.0017	2	80224923	CTNNA2;OTTHUMG00000152903	0
rs2017907	0.0017	11	107073497	CWF19L2;OTTHUMG00000152975	123577
rs6588498	0.0017	1	48231984	OTTHUMG00000007960;RP11-543D5.3	0
rs2739169	0.0017	8	134095916	SLA	0
rs10974490	0.0017	9	445286	DOCK8;OTTHUMG00000078789	0
rs292292	0.0017	18	5108877	AP005380.2	23904
rs2426607	0.0017	20	54872931	RP11-380D15.3;OTTHUMG00000032784	0
rs11140800	0.0017	9	87508137	OTTHUMG00000020120;NTRK2	0
rs9857814	0.0017	3	152047	OTTHUMG00000154852;AY269186.2	-56018
rs1021348	0.0017	5	173932224	RP11-267A15.1;OTTHUMG00000163128	0
rs11011346	0.0017	10	38009483	OTTHUMG00000017976;RP11-258F22.1	54816
rs17010841	0.0017	10	49790550	ARHGAP22;OTTHUMG00000018176	0
rs1695105	0.0017	12	64597579	C12orf66	0
rs11633819	0.0017	15	63180826	TLN2;OTTHUMG00000133679	43996
rs11919702	0.0017	3	148555225	CPB1;OTTHUMG00000159520	0
rs243988	0.0017	4	111267671	ENPEP;OTTHUMG00000132546	-19218
rs3129900	0.0017	6	-9	N/A	-9
rs4744780	0.0017	9	78723048	PCSK5;OTTHUMG00000020039	0
rs10500464	0.0017	16	62336454	AC009161.1;OTTHUMG00000128479	-54821
rs16941875	0.0017	16	86728016	OTTHUMG00000137653;FOXL1	112713
rs9875551	0.0017	3	112579389	OTTHUMG00000159283;CD200R1L	-13686
rs17026596	0.0017	4	98197483	C4orf37;OTTHUMG00000131009	0
rs2667120	0.0017	4	142943485	INPP4B;OTTHUMG00000161341	828
rs9257834	0.0017	6	-9	N/A	-9
rs1904058	0.0017	10	76197369	OTTHUMG00000018506;ADK	0
rs4930030	0.0017	11	2087220	AC123789.1	61010
rs1461805	0.0017	3	28700022	AC109586.1;OTTHUMG00000155718	0
rs1022072	0.0017	4	138822785	OTTHUMG00000161345;RP11-793B23.1	85229
rs168074	0.0017	4	142907076	INPP4B;OTTHUMG00000161341	37237
rs337235	0.0017	4	142917986	INPP4B;OTTHUMG00000161341	26327
rs7817885	0.0017	8	115240756	AC046174.1	277529
rs11648878	0.0017	16	61024961	RP11-51O6.1;OTTHUMG00000158168	64388
rs43497	0.0017	5	96485900	CTD-2215E18.1;OTTHUMG00000162866	0
rs10485001	0.0017	6	119633625	MAN1A1;OTTHUMG00000015472	0
rs2883999	0.0017	7	12697797	OTTHUMG00000152386;AC011891.5	3187
rs10792879	0.0017	11	86612869	FZD4	43853

rs5764558	0.0017	22	44544028	OTTHUMG000000150665;PARVB	0
rs10796293	0.0018	10	15523337	OTTHUMG000000017733;ITGA8	32611
rs2120528	0.0018	12	59511012	OTTHUMG000000157585;RP11-557F20.1	96340
rs6875370	0.0018	5	124244591	RP11-284A20.1;OTTHUMG000000162992	-11049
rs13266865	0.0018	8	118038602	SLC30A8	0
rs11038403	0.0018	11	45359713	SYT13	-51829
rs336352	0.0018	4	142954671	INPP4B;OTTHUMG000000161341	0
rs16881524	0.0018	5	52885883	NDUFS4;OTTHUMG000000096987	0
rs10795621	0.0018	10	8443306	RP11-543F8.2;OTTHUMG000000017648	0
rs6023156	0.0018	20	52979515	OTTHUMG000000032778;DOK5	-112621
rs1827286	0.0018	4	142928153	INPP4B;OTTHUMG000000161341	16160
rs4236071	0.0018	6	40750039	OTTHUMG000000014664;RP11-570K4.1	-66937
rs11736202	0.0018	4	142944080	INPP4B;OTTHUMG000000161341	233
rs2074681	0.0018	7	70886308	OTTHUMG000000129783;WBSCR17	0
rs3789899	0.0018	9	93615210	SYK;OTTHUMG000000020200	0
rs10899118	0.0018	11	75481664	DGAT2	0
rs3771395	0.0018	2	71133014	VAX2;OTTHUMG000000129714	0
rs749752	0.0018	4	182754966	AC093669.1	1052
rs2194249	0.0018	5	53879281	OTTHUMG000000096994;SNX18	36866
rs1052443	0.0018	6	116568773	NT5DC1;OTTHUMG000000015428	1918
rs10895599	0.0018	11	97216147	AP005434.1	-312317
rs8011197	0.0018	14	49655841	AL358338.1	-245124
rs12043295	0.0018	1	157361577	OTTHUMG000000017483;RP11-85G21.2	-103734
rs2128347	0.0018	12	84523288	AC090679.1	53815
rs4233641	0.0018	2	161464213	RBMS1;OTTHUMG000000132031	-113908
rs2908337	0.0018	7	15207942	TMEM195;OTTHUMG000000152387	32001
rs7642925	0.0018	3	68964222	FAM19A4;OTTHUMG000000158744	0
rs7686524	0.0018	4	190427447	AC020698.1	684
rs11837592	0.0018	12	115522837	AC026765.2	317074
rs167467	0.0019	3	12281183	AC090947.1	0
rs4312936	0.0019	5	154929106	AC010591.1	140746
rs2073154	0.0019	6	-9	N/A	-9
rs944579	0.0019	6	78772661	AL050340.1	125673
rs12990505	0.0019	2	196052944	AC010983.1;OTTHUMG000000154373	-161850
rs11241798	0.0019	5	124591842	OTTHUMG000000163013;RP11-425E13.2	-9379
rs2704956	0.0019	7	105972007	RP11-22N19.1;OTTHUMG000000157589	15818
rs5020509	0.0019	14	52641472	OTTHUMG000000140299;PTGDR	-92959

rs9911583	0.0019	17	57210721	SKA2	0
rs4409915	0.0019	12	4350991	CCND2	-31911
rs11057637	0.0019	12	124975312	OTTHUMG00000150455;NCOR2	0
rs11852018	0.0019	14	26587737	AL049831.1	53635
rs12478234	0.0019	2	180334969	ZNF385B;OTTHUMG00000154559	0
rs9362321	0.0019	6	87136247	RP11-15J23.1;OTTHUMG00000015151	-5715
rs4098805	0.0019	10	54586048	AL365506.1	-26319
rs11724160	0.0019	4	63823703	RP11-323K3.1;OTTHUMG00000160716	139191
rs10006108	0.0019	4	97924013	COX7A2P2;OTTHUMG00000160945	99741
rs13205628	0.0019	6	78929891	AL050340.1	282903
rs11899448	0.0019	2	127648946	OTTHUMG00000153376;AC114783.1	-7526
rs543864	0.0019	8	36995907	OTTHUMG00000158604;AC090453.1	-149973
rs2426606	0.0019	20	54872859	RP11-380D15.3;OTTHUMG00000032784	0
rs4733298	0.0019	8	32008766	AC022850.2	40778
rs11675369	0.0019	2	75804641	FAM176A;OTTHUMG00000129991	-7793
rs2106303	0.0019	7	105970988	RP11-22N19.1;OTTHUMG00000157589	14799
rs8050739	0.0019	16	52664797	AC026462.1	-23950
rs4378909	0.0019	22	47292353	OTTHUMG00000150332;TBC1D22A	0
rs10797603	0.0019	1	233282553	PCNXL2;OTTHUMG00000037824	0
rs9428641	0.0019	1	245500020	KIF26B;OTTHUMG00000040079	0
rs6864542	0.0019	5	99581524	AC092278.1	92041
rs3129932	0.0019	6	-9	N/A	-9
rs567488	0.0019	11	69318518	CCND1	-137355
rs2435389	0.0019	2	137586694	THSD7B;OTTHUMG00000153590	0
rs7783100	0.0019	7	15226640	TMEM195;OTTHUMG00000152387	13303
rs11598126	0.0019	10	15493251	OTTHUMG00000017733;ITGA8	62697
rs10752379	0.0019	10	15523377	OTTHUMG00000017733;ITGA8	32571
rs2021349	0.0019	20	6181948	OTTHUMG00000031829;TARDBPL	0
rs17184565	0.002	3	173937157	OTTHUMG00000157005;NLGN1	0
rs1376764	0.002	8	63412277	NKAIN3	-79821
rs4656334	0.002	1	161778694	OTTHUMG00000023961;ATF6	0
rs7142232	0.002	14	50847492	CDKL1;OTTHUMG00000140290	0
rs1158460	0.002	16	63573118	CTD-2503H21.1;OTTHUMG00000158177	-188065
rs11100741	0.002	4	142947546	INPP4B;OTTHUMG00000161341	0
rs17801257	0.002	20	58892520	RP5-1043L13.1;OTTHUMG00000032883	0
rs941032	0.002	1	75622616	LHX8;OTTHUMG00000009692	0
rs1981315	0.002	9	38459529	RP11-403F21.1;OTTHUMG00000019940	-5462

rs12917899	0.002	16	7144123	RP11-545E8.1;OTTHUMG00000158084	32171
rs13329951	0.002	16	63570250	CTD-2503H21.1;OTTHUMG00000158177	-185197
rs12629656	0.002	3	83952144	OTTHUMG00000158955;SRRM1P2	-34052
rs162116	0.002	19	52871902	ZNF880	-1268
rs9823439	0.002	3	17187502	AC090644.1	-10288
rs9398863	0.002	6	128320912	OTTHUMG00000015536;PTPRK	0
rs10488404	0.002	7	135867830	OTTHUMG00000155618;AC009784.3	0
rs6995285	0.002	8	142912389	AC104417.1	-114471
rs11224446	0.002	11	100659159	ARHGAP42	0
rs9897212	0.002	17	60190630	AC008158.1	-9051
rs4327249	0.002	2	161454809	RBMS1;OTTHUMG00000132031	-104504
rs2048917	0.002	4	182757120	AC093669.1	-859
rs1569661	0.002	1	37853334	RP5-1090E8.1;OTTHUMG00000156996	56766
rs10802462	0.002	1	247203657	ZNF670;OTTHUMG00000040868	0
rs4907474	0.002	13	113603905	OTTHUMG00000017377;MCF2L	0
rs2000260	0.002	1	108673405	SLC25A24;OTTHUMG00000011013	4037
rs11721418	0.002	4	63783090	RP11-323K3.1;OTTHUMG00000160716	98578
rs2667124	0.002	4	142907735	INPP4B;OTTHUMG00000161341	36578
rs11212409	0.002	11	96568786	AP003781.2	-360930
rs8027377	0.002	15	37439450	MEIS2;OTTHUMG00000129781	-45950
rs9909925	0.002	17	57210069	SKA2	0
rs9859735	0.002	3	89186377	OTTHUMG00000159040;EPAH3	0
rs254230	0.002	5	115885858	OTTHUMG00000162987;SEMA6A	0
rs10264084	0.002	7	150592362	ABP1;OTTHUMG00000158306	33770
rs2474589	0.002	10	38421921	OTTHUMG00000017990;ZNF37A	9645
rs2189555	0.0021	7	11329001	AC004538.3;OTTHUMG00000152311	0
rs1460235	0.0021	8	105890188	RP11-200A13.1;OTTHUMG00000158678	103204
rs7997770	0.0021	13	107081214	OTTHUMG00000017320;RP11-165M6.3	2744
rs2894249	0.0021	6	-9	N/A	-9
rs3867319	0.0021	1	98964760	AL160056.1	125705
rs13081263	0.0021	3	147409599	RP11-321C3.1;OTTHUMG00000159461	-99977
rs10504551	0.0021	8	74875342	TCEB1	0
rs2165988	0.0021	10	117028264	OTTHUMG00000019096;ATRNL1	0
rs10504552	0.0021	8	74875565	TCEB1	0
rs3845197	0.0021	15	70215474	TLE3	125069
rs11763095	0.0021	7	104091769	OTTHUMG00000157273;LHFPL3	0
rs10974366	0.0021	9	426740	DOCK8;OTTHUMG00000078789	0

rs3758549	0.0021	10	104004195	OTTHUMG00000018955;GBF1	-1094
rs10741181	0.0021	10	130922242	RP11-168C9.1;OTTHUMG00000019260	-154273
rs11236516	0.0021	11	75451668	MOGAT2	9008
rs1450659	0.0021	5	41015303	HEATR7B2;OTTHUMG000000162151	0
rs17404123	0.0021	6	65303100	EYS;OTTHUMG00000014971	0
rs11780215	0.0021	8	118057538	SLC30A8	0
rs4918747	0.0021	10	114153633	OTTHUMG00000019060;ACSL5	0
rs34148654	0.0021	6	65295448	EYS;OTTHUMG00000014971	7576
rs17475614	0.0021	14	26575516	AL049831.1	65856
rs4820983	0.0021	22	31929654	SFI1;OTTHUMG00000030249	0
rs6705417	0.0021	2	74970937	AC007387.2;OTTHUMG000000152924	0
rs6560500	0.0021	9	78743564	PCSK5;OTTHUMG00000020039	0
rs1038673	0.0021	11	42947540	AC090588.1	335514
rs8035763	0.0021	15	101916889	PCSK6	0
rs4083497	0.0021	1	42079867	OTTHUMG00000006361;HIVEP3	0
rs3815574	0.0021	2	169963330	OTTHUMG000000155318;AC007556.3	5610
rs12662610	0.0021	6	65301824	EYS;OTTHUMG00000014971	1200
rs9356309	0.0021	6	165355783	OTTHUMG00000015982;RP11-300M24.1	112677
rs2305816	0.0021	7	-9	N/A	-9
rs2340823	0.0022	1	161746678	OTTHUMG00000023961;ATF6	0
rs7119456	0.0022	11	96572887	AP003781.2	-365031
rs2833709	0.0022	21	33562926	OTTHUMG00000085307;NCRNA00159	0
rs7513248	0.0022	1	107873389	OTTHUMG00000010965;NTNG1	0
rs10024983	0.0022	4	61367045	AC095061.1	162622
rs12660387	0.0022	6	65291644	EYS;OTTHUMG00000014971	11380
rs724322	0.0022	8	40038804	C8orf4	25983
rs1735641	0.0022	10	38184852	ZNF33CP;OTTHUMG00000017982	0
rs17185348	0.0022	14	25364432	STXBP6;OTTHUMG000000140186	0
rs6085463	0.0022	20	6252538	AL109618.1	-42943
rs693691	0.0022	1	88845494	AL445438.1	98017
rs870852	0.0022	3	159079017	SCHIP1;OTTHUMG000000158934	0
rs6682828	0.0022	1	200507096	KIF14;OTTHUMG00000035723	13532
rs10497222	0.0022	2	161748916	AC064863.1	14555
rs1562041	0.0022	3	12285734	AC090947.1	0
rs7908867	0.0022	10	64657915	EGR2;OTTHUMG00000018308	0
rs2675717	0.0022	11	83629911	DLG2;OTTHUMG000000134309	0
rs1321465	0.0022	20	53032161	OTTHUMG00000032778;DOK5	-59975

rs10127714	0.0022	1	167066609	OTTHUMG00000034434;DUSP27	0
rs373745	0.0022	2	76249622	OTTHUMG00000152944;SUCLA2P2	83520
rs17034047	0.0022	3	1169240	OTTHUMG00000119030;CNTN6	0
rs10059576	0.0022	5	94167661	MCTP1;OTTHUMG00000162742	0
rs12341793	0.0022	9	23829824	RP11-321L2.1;OTTHUMG00000019702	0
rs4746343	0.0022	10	77760583	OTTHUMG00000018532;C10orf11	0
rs1543416	0.0022	22	31925073	SFI1;OTTHUMG00000030249	0
rs1891931	0.0022	1	165160578	LMX1A;OTTHUMG00000034575	10526
rs2155635	0.0022	11	115494597	AP000997.1	3203
rs2678505	0.0022	2	233309066	AC068134.4;OTTHUMG00000153337	0
rs17013315	0.0022	4	129373425	OTTHUMG00000161321;RP11-420A23.1	0
rs251335	0.0022	5	52431636	CTD-2366F13.1;OTTHUMG00000162191	20680
rs12658154	0.0022	5	124242807	RP11-284A20.1;OTTHUMG00000162992	-12833
rs2029944	0.0022	5	162962709	OTTHUMG00000130379;MAT2B	16367
rs9448292	0.0022	6	78811692	AL050340.1	164704
rs7923550	0.0022	10	20669511	RP11-337N19.1;OTTHUMG00000017782	29482
rs10995205	0.0022	10	64304083	OTTHUMG00000018302;ZNF365	0
rs4883941	0.0022	13	73991021	RP11-30C8.2;OTTHUMG00000017077	0
rs11616207	0.0022	13	75823916	RP11-159J2.2;OTTHUMG00000017086	-700
rs555860	0.0022	22	27592742	CTA-503F6.2;OTTHUMG00000150949	-7431
rs11240239	0.0023	1	204612804	OTTHUMG00000035989;LRRN2	0
rs6533660	0.0023	4	113860920	OTTHUMG00000132912;ANK2	0
rs1359096	0.0023	9	10275924	PTPRD;OTTHUMG000000021005	0
rs7095016	0.0023	10	23610272	C10orf67;OTTHUMG00000017818	0
rs10770061	0.0023	11	9796699	AC026250.1	0
rs11038404	0.0023	11	45360514	SYT13	-52630
rs1029287	0.0023	16	13830450	OTTHUMG00000048194;ERCC4	-183564
rs349433	0.0023	1	42255087	OTTHUMG00000006361;HIVEP3	0
rs2311731	0.0023	2	57884793	AC073875.1	113059
rs6934970	0.0023	6	113124301	AL360015.1	-168394
rs1445167	0.0023	10	49772204	ARHGAP22;OTTHUMG00000018176	0
rs314690	0.0023	13	80008957	RP11-30E17.3;OTTHUMG00000017131	11867
rs12401299	0.0023	1	161834446	OTTHUMG00000023961;ATF6	0
rs2147798	0.0023	1	201061818	CACNA1S;OTTHUMG00000035784	0
rs2241994	0.0023	3	119110006	ARHGAP31;OTTHUMG00000159362	0
rs6945071	0.0023	7	26122423	NFE2L3;OTTHUMG00000023882	-69437
rs356908	0.0023	18	26335829	AC015963.1	-292755

rs12618201	0.0023	2	174436533	AC013410.1;OTTHUMG00000154130	3305
rs7755548	0.0023	6	78844965	AL050340.1	197977
rs6860776	0.0023	5	22699592	CDH12;OTTHUMG00000090591	0
rs279395	0.0023	5	167076076	AC093304.1	221474
rs10503198	0.0023	8	3026578	CSMD1	0
rs13080	0.0023	13	31906141	OTTHUMG00000016688;B3GALTL	0
rs1868466	0.0023	16	77743558	AC092724.1	-640
rs1392128	0.0023	1	56066552	OTTHUMG00000008246;RP11-466L17.1	0
rs7813910	0.0023	8	142912425	AC104417.1	-114435
rs16917845	0.0023	10	64660397	EGR2;OTTHUMG00000018308	0
rs1348292	0.0023	13	88605858	OTTHUMG00000017168;RP11-471M2.1	-61131
rs16858531	0.0023	1	167102292	OTTHUMG00000034434;DUSP27	3890
rs10869601	0.0023	9	78230797	RP11-470F18.1;OTTHUMG00000020036	27333
rs5759611	0.0023	22	23503121	RAB36;OTTHUMG00000150601	0
rs11945247	0.0023	4	174818889	OTTHUMG00000160736;RP11-161D15.1	0
rs2723576	0.0023	7	17768730	AC006482.1;OTTHUMG00000152728	48447
rs10758922	0.0023	9	8017065	OTTHUMG00000046176;RP11-29B9.2	-55985
rs2075120	0.0023	22	17326432	AC007064.28;OTTHUMG00000155832	0
rs2136834	0.0023	2	120729505	PTPN4;OTTHUMG00000131436	0
rs11683306	0.0023	2	236294145	AC092576.1	59050
rs6583239	0.0023	3	197328215	OTTHUMG00000155479;AC024560.3	0
rs12661208	0.0023	6	65302728	EYS;OTTHUMG00000014971	296
rs2284340	0.0023	14	92389047	FBLN5	0
rs10748478	0.0023	1	105235237	N/A	-9
rs950047	0.0023	10	130205063	OTTHUMG00000019256;RP11-264E18.1	-86585
rs9529974	0.0023	13	72821936	AL139003.1	206104
rs12213485	0.0023	6	8134765	OTTHUMG00000014221;EEF1E1	-31954
rs3734992	0.0023	7	131862530	PLXNA4;OTTHUMG00000155108	0
rs17374896	0.0023	13	23853700	OTTHUMG00000016563;SGCG	0
rs11074155	0.0023	15	93826771	AC112693.1	2693
rs3827147	0.0024	20	256727	OTTHUMG00000031626;C20orf96	0
rs1359660	0.0024	13	105529957	RP11-217F17.1;OTTHUMG00000017316	62537
rs17322629	0.0024	16	56081161	AC040168.1	45738
rs10157423	0.0024	1	170328661	RP11-576I22.1;OTTHUMG00000034663	9703
rs1954604	0.0024	1	191558155	OTTHUMG00000041126;RP11-541F9.1	269682
rs4761128	0.0024	12	84790507	AC090679.1	-213280
rs7761526	0.0024	6	140013919	RP11-15H7.2;OTTHUMG00000015696	31275

rs1854444	0.0024	9	92870113	OTTHUMG00000020190;RP11-406A20.2	-25312
rs2749588	0.0024	10	38269457	OTTHUMG00000153548;RP11-393J16.4	0
rs11059815	0.0024	12	129149116	TMEM132C	0
rs1979026	0.0024	15	80738546	ARNT2	0
rs756765	0.0024	17	8850300	OTTHUMG00000108197;PIK3R5	0
rs6698197	0.0024	1	66224122	AL513493.1	2619
rs10086454	0.0024	8	131411249	ASAP1	0
rs8041887	0.0024	15	80752069	ARNT2	0
rs10865972	0.0024	3	52491447	NISCH;OTTHUMG00000158571	0
rs10013750	0.0024	4	13501092	OTTHUMG00000090543;RAB28	-15103
rs6811786	0.0024	4	142175454	OTTHUMG00000161379;RP11-586L23.1	0
rs4835587	0.0024	4	150440015	OTTHUMG00000161394;RP11-526A4.1	0
rs2073151	0.0024	6	-9	N/A	-9
rs1933511	0.0024	6	78911699	AL050340.1	264711
rs6455976	0.0024	6	165359103	OTTHUMG00000015982;RP11-300M24.1	115997
rs2981277	0.0024	8	61488824	RAB2A;OTTHUMG00000134298	0
rs10834796	0.0024	11	25793308	RPL36AP40;OTTHUMG00000158318	-182967
rs9899533	0.0024	17	8068045	VAMP2;OTTHUMG00000150254	-1181
rs10153433	0.0024	18	50073517	DCC;OTTHUMG00000132698	0
rs17357586	0.0024	1	27873001	OTTHUMG00000003398;AHDC1	0
rs3129941	0.0024	6	-9	N/A	-9
rs13261232	0.0024	8	117187338	AF130342.1	0
rs4143531	0.0025	5	154978195	AC010591.1	189835
rs644086	0.0025	11	86205826	ME3	0
rs813565	0.0025	13	60814675	OTTHUMG00000017005;RP11-359P14.1	-25595
rs16851622	0.0025	1	161802049	OTTHUMG00000023961;ATF6	0
rs12490009	0.0025	3	22000946	OTTHUMG00000155585;AC096918.1	0
rs10505400	0.0025	8	122367142	RP11-414D17.1;OTTHUMG00000158692	25235
rs7837686	0.0025	8	142674928	AC138647.1;OTTHUMG00000156281	146091
rs2880056	0.0025	1	161876448	OTTHUMG00000023961;ATF6	0
rs659340	0.0025	1	233815677	KCNK1;OTTHUMG00000037923	7419
rs796988	0.0025	4	185333092	IRF2;OTTHUMG00000160606	0
rs9395027	0.0025	6	44444731	CDC5L;OTTHUMG00000014767	26568
rs10890823	0.0025	11	96571872	AP003781.2	-364016
rs10140136	0.0025	14	37488188	SLC25A21;OTTHUMG00000140250	0
rs1108183	0.0025	1	38559394	OTTHUMG00000000478;RP5-884C9.2	0
rs12465230	0.0025	2	161455074	RBMS1;OTTHUMG00000132031	-104769

rs1534624	0.0025	6	131496719	OTTHUMG00000015563;AKAP7	0
rs1012127	0.0025	7	70870965	OTTHUMG00000129783;WBSCR17	0
rs17153217	0.0025	7	26128758	NFE2L3;OTTHUMG00000023882	-63102
rs10787446	0.0025	10	114155827	OTTHUMG00000019060;ACSL5	0
rs1868468	0.0025	16	77743758	AC092724.1	-440
rs2836672	0.0025	21	40133027	NCRNA00114;OTTHUMG00000090771	0
rs552124	0.0025	1	32266026	SPOCD1;OTTHUMG00000003879	0
rs12145590	0.0025	1	59912718	OTTHUMG00000008424;FGGY	0
rs16841426	0.0025	2	158117300	GALNT5;OTTHUMG00000131965	0
rs389435	0.0025	20	15045412	AL031677.2	41808
rs700042	0.0025	1	217242800	ESRRG;OTTHUMG00000037025	0
rs2056443	0.0025	13	31905942	OTTHUMG00000016688;B3GALTL	0
rs1742643	0.0025	14	46560411	N/A	-9
rs1961635	0.0025	15	54887443	UNC13C	0
rs239341	0.0025	1	42255221	OTTHUMG00000006361;HIVEP3	0
rs17695268	0.0025	5	57532246	CTD-2037L6.1;OTTHUMG00000162197	74667
rs17287702	0.0025	8	131396561	ASAP1	0
rs16917407	0.0025	10	64304454	OTTHUMG00000018302;ZNF365	0
rs10762615	0.0025	10	76203850	OTTHUMG00000018506;ADK	0
rs6517650	0.0025	21	42466753	C21orf130;OTTHUMG00000086741	46674
rs17543807	0.0025	3	19614280	KCNH8;OTTHUMG00000129891	37142
rs3129934	0.0025	6	-9	N/A	-9
rs2305341	0.0025	12	7293796	CLSTN3	0
rs10878895	0.0025	12	69400433	CPM	-73769
rs6014011	0.0025	20	53033915	OTTHUMG00000032778;DOK5	-58221
rs9257816	0.0025	6	-9	N/A	-9
rs11013359	0.0025	10	23557711	C10orf67;OTTHUMG00000017818	0
rs6551565	0.0025	4	61367078	AC095061.1	162589
rs12652689	0.0025	5	18583286	AC113389.1	35572
rs6595051	0.0025	5	117100716	OTTHUMG00000162891;RP11-74D3.1	13805
rs17403955	0.0025	6	65301679	EYS;OTTHUMG00000014971	1345
rs12539936	0.0025	7	87110017	AC002457.1	0
rs12293882	0.0025	11	36847779	C11orf74	166958
rs7933171	0.0025	11	96570862	AP003781.2	-363006
rs6085637	0.0025	20	6619725	RP5-859D4.3;OTTHUMG00000031832	92180
rs964602	0.0025	21	33220858	TPT1P;OTTHUMG00000084902	7688
rs9831421	0.0026	3	144993269	RP11-622L21.1;OTTHUMG00000159390	-248056

rs188551	0.0026	12	29968996	TMTC1	-31304
rs7530997	0.0026	1	161810151	OTTHUMG00000023961;ATF6	0
rs9448881	0.0026	6	80786375	RP11-296E7.2;OTTHUMG00000015090	1071
rs17473072	0.0026	6	130139447	OTTHUMG00000015552;RP11-174C7.3	1374
rs1294882	0.0026	7	45248035	OTTHUMG00000023729;RAMP3	22134
rs7083348	0.0026	10	19342086	AL391992.1	0
rs63375	0.0026	18	26357669	AC015963.1	-270915
rs2838737	0.0026	21	46335580	ITGB2;OTTHUMG00000090257	0
rs17424028	0.0026	1	48217969	OTTHUMG00000007958;RP11-543D5.2	8835
rs10068845	0.0026	5	91475541	OTTHUMG00000162609;RP11-348J24.2	0
rs919052	0.0026	4	75938373	RP11-44F21.2;OTTHUMG00000160828	0
rs30274	0.0026	5	155661743	SGCD	-92024
rs4545101	0.0026	8	10085683	MSRA;OTTHUMG00000090517	0
rs7922922	0.0026	10	80011811	RP11-90J7.3;OTTHUMG00000018555	0
rs7289941	0.0026	22	31884405	EIF4ENIF1;OTTHUMG00000030793	0
rs2516675	0.0026	6	-9	N/A	-9
rs7758642	0.0026	6	129695639	OTTHUMG00000015545;LAMA2	0
rs7838405	0.0026	8	139752948	COL22A1;OTTHUMG00000150035	0
rs1886844	0.0026	20	4239658	OTTHUMG00000031779;ADRA1D	-9937
rs12663622	0.0026	6	65301787	EYS;OTTHUMG00000014971	1237
rs1883625	0.0026	6	148792617	OTTHUMG00000015773;SASH1	0
rs16920157	0.0026	8	55308164	AC027250.1	-24864
rs17304841	0.0026	4	183029476	OTTHUMG00000133641;AC108142.1	0
rs4077841	0.0026	1	14020405	AL359771.1	2160
rs12048425	0.0026	1	218020134	OTTHUMG00000037875;SPATA17	0
rs7016464	0.0026	8	70970809	PRDM14;OTTHUMG00000150495	0
rs10883450	0.0026	10	101923421	OTTHUMG00000018900;ERLIN1	0
rs2035639	0.0026	11	7335424	SYT9	0
rs2673728	0.0026	12	108820427	AC010206.1	7480
rs7999592	0.0026	13	60750006	AL356502.1	11866
rs10181531	0.0026	2	229626575	OTTHUMG00000153591;AC007677.1	8073
rs2514867	0.0026	8	108398309	ANGPT1	0
rs11200108	0.0026	10	123488067	OTTHUMG00000019177;RP11-78A18.2	-7751
rs1518754	0.0026	11	36827869	C11orf74	147048
rs17377828	0.0027	1	42824317	RP11-223A3.1;OTTHUMG00000007027	-20270
rs7549333	0.0027	1	157196700	OTTHUMG00000017482;RP11-85G21.1	5321
rs326091	0.0027	5	99581249	AC092278.1	91766

rs17462606	0.0027	9	95370664	OTTHUMG00000020228;CENPP	0
rs1017713	0.0027	11	75499452	DGAT2	0
rs1030876	0.0027	2	211970680	AC013404.1;OTTHUMG00000154747	192986
rs349180	0.0027	4	60811439	AC092596.2	111554
rs1003236	0.0027	5	154978382	AC010591.1	190022
rs6470536	0.0027	8	128590176	AC018714.1	-95792
rs9806037	0.0027	14	37489008	SLC25A21;OTTHUMG00000140250	0
rs12044569	0.0027	1	167066796	OTTHUMG00000034434;DUSP27	0
rs12897959	0.0027	14	24233906	AL160237.1	-27233
rs12567502	0.0027	1	8808820	RERE;OTTHUMG00000001765	0
rs627494	0.0027	1	75686746	OTTHUMG00000009721;SLC44A5	0
rs2341469	0.0027	1	161862021	OTTHUMG00000023961;ATF6	0
rs2029943	0.0027	5	162962771	OTTHUMG00000130379;MAT2B	16429
rs914481	0.0027	6	78772505	AL050340.1	125517
rs4812831	0.0027	20	43018260	RP5-881L22.4;OTTHUMG00000032525	0
rs938066	0.0027	2	196001454	AC010983.1;OTTHUMG00000154373	-110360
rs6762970	0.0027	3	74742625	CNTN3;OTTHUMG00000158813	-172334
rs1946704	0.0027	3	149397793	WWTR1;OTTHUMG00000159614	0
rs316191	0.0027	5	96507627	RIOK2;OTTHUMG00000128723	0
rs1333344	0.0027	9	111776224	OTTHUMG00000020466;CTNNAL1	-415
rs12286075	0.0027	11	20958794	NELL1	0
rs11703361	0.0027	22	32850349	BPIL2;OTTHUMG00000058273	0
rs9828822	0.0027	3	89213912	OTTHUMG00000159040;EPHA3	0
rs6789884	0.0027	3	165172773	RP11-85M11.2;OTTHUMG00000158130	0
rs11216833	0.0027	11	118119957	MPZL3	0
rs6737230	0.0027	2	161464707	RBMS1;OTTHUMG00000132031	-114402
rs3774230	0.0027	3	179521638	PEX5L;OTTHUMG00000157363	0
rs358260	0.0027	4	22788560	GBA3;OTTHUMG00000160448	0
rs12212103	0.0027	6	78867891	AL050340.1	220903
rs1553443	0.0027	1	161771516	OTTHUMG00000023961;ATF6	0
rs1426510	0.0027	2	17782556	OTTHUMG00000090645;VSNL1	0
rs365719	0.0027	5	8527844	OTTHUMG00000161716;RP11-417J1.1	0
rs1231499	0.0027	6	91435263	OTTHUMG00000015217;MAP3K7	-138499
rs1886513	0.0027	13	74566403	KLF12;OTTHUMG00000017078	0
rs3844589	0.0027	3	32445246	OTTHUMG00000155869;CMTM7	0
rs4709021	0.0027	6	164300258	RP1-230L10.1;OTTHUMG00000015979	119385
rs3924865	0.0027	8	131429723	ASAP1	-15506

rs1359095	0.0027	9	10276100	PTPRD;OTTHUMG00000021005	0
rs1001959	0.0027	9	38151190	AL161448.1	3632
rs11767726	0.0027	7	150018096	ACTR3C;OTTHUMG000000158323	0
rs10811758	0.0027	9	2275401	OTTHUMG000000019445;SMARCA2	81777
rs3827153	0.0027	20	257032	OTTHUMG000000031626;C20orf96	0
	a - Single nucleotide polymorphism identification number for NCBI's dbSNP				