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20	6980635	16	G	T	6980635	113	heimer's disease (late on	20p12.3	6999988	BMP2 - LINC01428	rs6085820	itergenic_varia	9.00E-06	Near_to_perfect
20	31531545	16	C	T	31531544	654	ype 1 diabetes nephropath	20q11.21	32943738	EFCAB8	rs13045180	stop_gained	9.00E-06	Perfect_to_near
20	43721490	10	C	T	43721493	703	Bipolar disorder	20q13.12	45092852	KCNS1	rs6124684	rime_UTR_var	9.00E-06	Near_to_perfect
20	44761483	8	T	G	44761485	1414	esponse to amphetamine	20q13.12	46132846	CD40 - CDH22	rs12480534	stream_gene_v	9.00E-06	Near_to_perfect
2	9823879	20	A	C	9823870	1501	Mammographic density	2p25.1	9683741	C101926982 - LOC10537374	rs4669418	intron_variant	9.00E-06	Smaller
2	46321095	8	G	A	46321094	3694	Suicide risk	2p21	46093955	PRKCE	rs12373805	intron_variant	9.00E-06	Near_to_perfect
2	124515039	18	G	A	124515041	594	yperactivity disorder (inatt	2q14.3	123757465	LOC105373596 - CNTNAP5	rs13006237	ream_gene_va	9.00E-06	Perfect_to_near
2	166370823	20	A	C	166370826	3782	ngevity (85 years and old	2q24.3	165514316	CSRP3	rs6432832	intron_variant	9.00E-06	Near_to_perfect
2	207121780	12	A	G	207121782	974	lar disorder and schizophr	2q33.3	206257058	GPR1-AS	rs2058710	intron_variant	9.00E-06	Near_to_perfect
2	234814051	0	C	T	234814059	2698	ulmonary function declin	2q37.1	233905414	MSL3P1 - TRPM8	rs10187654	itergenic_varia	9.00E-06	New
3	13857968	14	T	C	13857969	2093	ive pulmonary disease-rel	3p25.1	13816472	LINC00620 - WNT7A	rs1124480	rime_UTR_var	9.00E-06	Near_to_perfect
3	21447335	20	G	A	21447336	366	on in Tripanosoma cruzi s	3p24.3	21405844	VENTXP7	rs409974	g_transcript_ex	9.00E-06	Absent
3	34013202	20	C	T	34013205	1256	ance related behavioral di	3p22.3	33971713	C105377024 - LOC1019287	rs7620363	itergenic_varia	9.00E-06	Near_to_perfect
3	36842629	18	T	A	36842623	1416	isorder, bipolar disorder, i	3p22.2	36801132	C105377030 - LOC1053770	rs13072940	itergenic_varia	9.00E-06	Near_to_perfect
3	40008630	24	T	C	40008634	1338	ormation processing spec	3p22.1	39967143	MYRIP	rs9985399	intron_variant	9.00E-06	Near_to_perfect
3	103450597	16	A	C	103450591	1682	IgG glycosylation	3q13.11	103731747	MIR548AB - RAP1BP2	rs2677247	itergenic_varia	9.00E-06	Near_to_perfect
3	138916395	10	C	T	138916393	927	IgG glycosylation	3q23	139197551	BPESC1 - PISRT1	rs11706018	intron_variant	9.00E-06	Near_to_perfect
3	193537999	22	C	T	193537991	4210	on in chronic obstructive p	3q29	193820202	C105374283 - LOC1053742	rs1165640	itergenic_varia	9.00E-06	Non_identical
4	7423753	26	C	A	7423751	2046	Obesity-related traits	4p16.1	7422024	SORCS2	rs7694661	intron_variant	9.00E-06	Perfect_to_near
4	89421082	18	A	G	89421086	174	ulmonary function declin	4q22.1	88499935	HERC5	rs10516809	onymous_vari	9.00E-06	Perfect_to_near
4	101901407	8	A	C	101901410	154	tion in Tripanosoma cruzi :	4q24	100980253	LINC01216 - PPP3CA	rs72927357	itergenic_varia	9.00E-06	Near_to_perfect
4	128320908	14	T	C	128320908	189	Obesity-related traits	4q28.1	127399753	C102724210 - LOC1010607	rs1443170	intron_variant	9.00E-06	Perfect_to_near
4	131026480	18	T	C	131026488	98	bolite levels (HVA/MHPG	4q28.3	130105333	C105377418 - LOC1027242	rs114646238	itergenic_varia	9.00E-06	Near_to_perfect
4	165878334	20	A	G	165878335	1395	Obesity-related traits	4q32.3	164957183	FAM218A, TRIM61	rs3733418	iissense_varia	9.00E-06	Perfect_to_near
5	98593452	8	G	A	98593453	1090	Periodontitis (Mean PAL)	5q21.1	99257749	C102724810 - LOC1006528	rs1500251	itergenic_varia	9.00E-06	Near_to_perfect
5	128722698	18	G	A	128722696	2507	Obesity-related traits	5q23.3	129387003	LOC102723654	rs10077875	itergenic_varia	9.00E-06	Perfect_to_near
6	20156176	22	T	C	20156174	4465	eractive-impulsive sympt	6p22.3	20155943	MBOAT1	rs1202199	intron_variant	9.00E-06	Perfect_to_near
6	20652718	14	C	G	20652717	1736	Type 2 diabetes	6p22.3	20652486	CDKAL1	rs9295474	intron_variant	9.00E-06	Perfect_to_near
6	44928955	8	T	C	44928953	106	Number of children	6p21.1	44961216	SUPT3H	rs16872971	intron_variant	9.00E-06	Near_to_perfect
6	164900595	20	G	A	164900598	1242	Major depressive disorder	6q27	164479565	C105378107 - LOC1053781	rs4709845	itergenic_varia	9.00E-06	Near_to_perfect
7	89628633	18	G	A	89628635	605	eschl's gyrus morpholog	7q21.13	89999321	STEAP2-AS1	rs73215715	intron_variant	9.00E-06	Perfect_to_near
7	93199926	22	T	A	93199928	3108	Body mass index	7q21.3	93570616	CALCR	rs7786765	intron_variant	9.00E-06	Near_to_perfect
8	22400988	22	C	T	22400989	144	HIV-1 viral setpoint	8p21.3	22543476	PPP3CC - SORBS3	rs4872511	g_transcript_ex	9.00E-06	Near_to_perfect
8	40484241	24	T	C	40484239	3697	Fasting plasma glucose	8p11.21	40626720	ZMAT4	rs2722425	intron_variant	9.00E-06	Perfect_to_near
8	60623345	8	A	C	60623348	3889	Obesity-related traits	8q12.1	59710789	C105375859 - LOC1053758	rs12541902	itergenic_varia	9.00E-06	Near_to_perfect
8	121635389	18	C	A	121635396	511	lar disorder and schizophr	8q24.12	120623156	SNTB1	rs6986718	intron_variant	9.00E-06	Near_to_perfect
8	136989203	18	C	T	136989204	582	osomnia (caffeine-inducec	8q24.23	135976961	KHDRBS3 - LOC105375778	rs16905439	itergenic_varia	9.00E-06	Perfect_to_near
8	143691837	18	T	A	143691838	1011	lar disorder and schizophr	8q24.3	142610477	ADGRB1 - ARC	rs7465272	stream_gene_v	9.00E-06	Near_to_perfect
9	119798884	14	C	T	119798885	4811	Glucose homeostasis trait	9q33.1	117036606	ASTN2	rs7036846	intron_variant	9.00E-06	Near_to_perfect
9	135344408	18	G	A	135344407	2943	Obesity-related traits	9q34.13	132469020	C9orf171	rs569434	intron_variant	9.00E-06	Perfect_to_near
10	70712055	20	A	G	70712062	211	epression (quantitative tra	10q22.1	68952306	DDX50 - DDX21	rs2017305	ream_gene_va	9.00E-06	Non_identical
10	99637584	20	G	A	99637578	2486	Metabolic syndrome	10q24.2	97877821	CRTAC1	rs531676	intron_variant	9.00E-06	Bigger
11	18291740	14	G	A	18291736	1592	Lewy body disease	11p15.1	18270189	SAA1 - HPS5	rs11024598	stream_gene_v	9.00E-06	Non_identical
11	123956472	16	A	G	123956466	951	Obesity-related traits	11q24.2	124085759	LOC105369545	rs1893767	atory_region_v	9.00E-06	Smaller
12	48403769	14	G	A	48403765	1087	lar disorder and schizophr	12q13.11	48009982	COL2A1	rs11168351	intron_variant	9.00E-06	Non_identical
12	79811433	18	T	C	79811429	3516	Classic bladder exstrophy	12q21.2	79417649	SYT1	rs7310309	intron_variant	9.00E-06	Non_identical
16	54027965	20	T	C	54027971	645	ormone-binding globulin l	16q12.2	53994059	FTO	rs12596210	g_transcript_ex	9.00E-06	Smaller
3	64173894	18	T	C	64173901	1520	IgG glycosylation	3p14.1	64188225	PRICKLE2-AS3, PRICKLE2	rs1035275	intron_variant	9.00E-06	Non_identical
3	71464338	10	G	A	71464335	110	Migraine - clinic-based	3p13	71415184	FOXP1	rs13063872	intron_variant	9.00E-06	Smaller
3	174029032	28	A	G	174029045	3401	Major depressive disorder	3q26.31	174311255	NLGN1 - RPL8P4	rs13074924	itergenic_varia	9.00E-06	Smaller
6	44065319	32	G	A	44065311	1404	Major depressive disorder	6p21.1	44097574	RPL29P16 - MRPL14	rs7742824	itergenic_varia	9.00E-06	Smaller
9	21035296	28	G	T	21035307	2870	Axial length	9p21.3	21035308	LOC105375989	rs7867456	ream_gene_va	9.00E-06	Smaller
18	10382882	24	C	T	10382883	2353	erum protein levels (sST2	18p11.22	10382886	LOC105371989	rs206548	stream_gene_v	9.00E+07	Near_to_perfect
19	45411944	8	T	C	45411941	754	Brain imaging	19q13.32	44908684	APOE	rs429358	iissense_varia		Perfect_to_near
1	63586972	8	G	T	63586973	1040	Brain imaging	1p31.3	63121302	LOC105378769 - LINC00461	rs7526034	itergenic_varia		Near_to_perfect
3	69623185	18	G	A,T	69623188	442,562	Brain imaging	3p14.1	69574037	FRMD4B - MITF	rs7647307	ream_gene_varia		Near_to_perfect