

Supplementary table 4A. Individualized variants in YRI core promoters

Name	Gene	Chr.	Position start	End	Strand	Ref.	Variant	From TSS	Position in motif	Motif	dbSNP144	Accession #
Variants in putative motifs												
BRE	ADIRF	10	88728167	88728167	+	C	A	-21	4	CCGCGCC	rs7922458	NA19189
BRE	ADSL	22	40742436	40742436	+	C	T	-68	4	GGGCGCC	.	NA18523
BRE	AGA	4	178363677	178363677	-	C	T	-20	5	GGACGCC	.	NA19225
BRE	ANAPC5	12	121790179	121790179	-	C	A	87	1	GCGCGCC	rs369805668	NA18511
BRE	APPBP2	17	58603633	58603633	-	G	T	-32	2	GCGCGCC	rs180915210	NA18511
BRE	C8orf37	8	96281511	96281511	-	C	G	-49	5	GGACGCC	rs111451867	NA19147
BRE	C8orf37	8	96281512	96281512	-	G	T	-50	4	GGACGCC	rs116629811	NA18861
BRE	CCDC167	6	37467786	37467786	-	G	A	-86	2	CCGCGCC	rs140576712	NA19236
BRE	CSMD1	8	4852349	4852349	-	G	-	-21	2	CCGCGCC	rs11359703	NA18517
BRE	DPYD	1	98386622	98386622	-	G	A	-7	2	CCGCGCC	.	NA18907
BRE	EFNA1	1	155100314	155100314	+	C	T	-35	4	CGGCGCC	.	NA18507
BRE	FAM136A	2	70529179	70529179	-	-	ǰGAATCGGC	42	6	GGGCGCC	.	NA18861
BRE	GOT1	10	101190606	101190609	-	GTGG	-	-76	4	CCACGCC	.	NA19236
BRE	HEXA-AS1	15	72668372	72668372	+	C	T	-82	1	CGGCGCC	rs147174351	NA18923
BRE	IARS	9	95055959	95055959	-	C	A	80	2	GGACGCC	rs114740000	NA18486
BRE	KCNK17	6	39282167	39282167	-	C	T	70	2	GGACGCC	rs77147819	NA19108
BRE	KRTAP12-1	21	46101993	46101993	-	C	T	86	3	GCGCGCC	rs55881656	NA19235
BRE	LARP7	4	113558639	113558639	+	G	C	28	3	GCGCGCC	rs112699937	NA18856
BRE	LIMK2	22	31608245	31608245	+	C	A	-5	4	GGGCGCC	.	NA19108
BRE	LINC00689	7	158801089	158801089	+	G	A	45	5	GCACGCC	rs7798337	NA18489
BRE	PRKRIP1	7	102036818	102036818	+	G	C	15	3	GCGCGCC	rs115632452	NA18856
BRE	PRKRIP1	7	102036819	102036819	+	C	G	16	4	GCGCGCC	rs112609338	NA18486
BRE	LOC729080	5	141276183	141276183	-	C	T	78	5	CCGCGCC	.	NA18909
BRE	CIDEB	14	24780528	24780528	-	G	A	49	6	CCGCGCC	rs199715515	NA19236
BRE	MLST8	16	2255820	2255820	+	C	T	89	6	CGGCGCC	rs368852122	NA19116
BRE	MRPL27	17	48450523	48450523	+	C	G	40	1	CGACGCC	rs113983688	NA18486
BRE	MRPL52	14	23299086	23299086	+	G	T	-6	5	CCACGCC	.	NA19114
BRE	MT1HL1	1	237167741	237167741	-	C	G	-23	2	CGACGCC	.	NA18489
BRE	POLR1D	13	28196009	28196009	+	C	T	94	2	CCGCGCC	.	NA19114
BRE	RAVER1	19	10444251	10444251	-	C	T	64	5	GCGCGCC	rs200757543	NA18486
BRE	RBM24	6	17282852	17282854	+	ACG	-	-80	3	CCACGCC	.	NA19147
BRE	RPS6KA4	11	64126659	64126659	+	C	G	35	1	CGGCGCC	.	NA19235
BRE	RPUSD4	11	126081524	126081524	+	G	A	64	3	GGGCGCC	rs79442185	NA18517
BRE	SAFB	19	5623138	5623138	+	C	A	93	1	CGGCGCC	rs143563020	NA19108
BRE	SMC5	9	72873914	72873914	+	G	T	37	5	GGGCGCC	.	NA19198
BRE	SNAP29	22	21213391	21213391	+	C	G	100	6	CCGCGCC	rs186825747	NA18501
BRE	SNX21	20	44462548	44462548	+	C	T	79	2	GCGCGCC	rs139681125	NA18486
BRE	TARBP1	1	234614896	234614896	-	C	T	-47	2	CGGCGCC	rs6689217	NA19235

BRE	ZFP1	16	75182372	75182372	+	C	G	-49	1	CCGCGCC	rs8059861	NA19236
BRE	ZNF138	7	64254730	64254730	+	C	A	-36	4	GGACGCC	rs73360612	NA19108
DPE	AAAS	12	53715319	53715319	-	A	G	94	3	AGTTG	rs186975061	NA18916
DPE	AADACP1	3	151488333	151488333	+	A	G	90	1	AGATA	rs6809359	NA18856
DPE	ACTL7B	9	111618209	111618209	-	A	G	67	4	AGATG	rs17728850	NA19225
DPE	AGAP5	10	75457580	75457580	-	T	C	-26	3	GGACA	.	NA19189
DPE	AHRR	5	304350	304353	+	GACG	-	60	2	AGACG	.	NA19207
DPE	AMPD1	1	115238180	115238180	-	C	A	60	2	GGATA	.	NA18501
DPE	ANKRD20A4	9	69382064	69382064	+	G	-	84	1	GGTTG	.	NA18864
DPE	ANKRD33	12	52281793	52281793	+	A	C	1	1	AGTCG	rs184705544	NA19107
DPE	ANXA8L1	10	47746854	47746854	+	T	C	5	4	AGTTG	.	NA18907
DPE	AP4B1	1	114447460	114447460	-	T	C	66	3	AGATC	rs191565789	NA19147
DPE	ARF3	12	49351175	49351175	-	G	T	78	4	AGTCG	rs76101427	NA19236
DPE	ARHGAP19	10	99052421	99052421	-	G	A	10	4	GGACG	rs12356626	NA18523
DPE	ARHGAP40	20	37230662	37230662	+	G	A	86	1	GGATC	.	NA18864
DPE	ARSJ	4	114900957	114900957	-	T	C	-79	3	AGATC	rs7437956	NA18856
DPE	ASB14	3	57313072	57313072	-	-	A	-92	1	GGTTG	.	NA19225
DPE	ATF7	12	54020203	54020203	-	T	G	-4	3	GGACC	rs10876469	NA19107
DPE	ATN1	12	7033592	7033592	+	G	A	-34	2	AGATC	rs7310941	NA19225
DPE	ATP6V1E1	22	18111518	18111518	-	C	T	71	2	GGTTA	rs75779762	NA19147
DPE	ATRIP	3	48488173	48488173	+	C	T	60	4	GGACG	.	NA18856
DPE	C1orf52	1	85725333	85725333	-	A	G	23	4	GGTTG	rs114999608	NA18916
DPE	C4orf45	4	159956358	159956358	-	G	A	-25	4	GGTCA	rs76405587	NA19207
DPE	C8orf34-AS1	8	69243745	69243745	-	C	T	-19	2	GGACA	rs2676639	NA18856
DPE	CALD1	7	134576158	134576158	+	T	G	8	4	GGTTG	rs75054986	NA19198
DPE	CALD1	7	134576180	134576180	+	G	A	30	1	GGACA	rs114103910	NA19236
DPE	CCDC102B	18	66382443	66382443	+	G	T	-48	2	AGTCA	rs74917552	NA19189
DPE	CCDC138	2	109403138	109403138	+	-	GCCCCGCC	-68	3	GGTCG	.	NA18907
DPE	CCDC85B	11	65657913	65657913	+	G	A	39	2	GGTTG	rs2276318	NA18856
DPE	CD1C	1	158259581	158259581	+	G	T	19	2	AGTTG	rs73023945	NA19107
DPE	CDC42P3	8	144077277	144077277	+	G	A	33	2	GGTCA	rs141153765	NA19236
DPE	CDKN3	14	54863578	54863578	+	T	C	-95	3	AGTCA	.	NA18861
DPE	CELF2	10	11047205	11047218	+	AGAGAGAG.	-	-54	2	AGACA	.	NA19235
DPE	CMC2	16	81040555	81040555	-	G	T	-53	4	GGACG	rs2287991	NA18489
DPE	CEP97	3	101443339	101443339	+	T	A	-98	3	GGTCC	rs72935871	NA18501
DPE	CKAP2	13	53030048	53030048	+	T	C	-59	3	GGTCG	rs116487741	NA19236
DPE	MIR5582	11	46774672	46774672	-	C	T	71	2	AGTTG	rs72895811	NA18517
DPE	CLCA2	1	86889770	86889770	+	C	G	2	4	GGTCC	.	NA19108
DPE	CLPX	15	65477528	65477528	-	G	A	36	4	GGTCC	rs201618549	NA18909
DPE	COMMD2	3	149470239	149470239	-	G	A	48	4	GGACA	rs200287559	NA19107
DPE	CPSF6	12	69633379	69633379	+	A	G	63	1	AGACC	rs2305642	NA18864

DPE	CRIPT	2	46844352	46844352	+	T	C	42	3	AGTTG	rs77297964	NA18916
DPE	CRX	19	48325042	48325042	+	C	T	-57	4	AGACG	rs10416446	NA19236
DPE	CSNK2A3	11	11374888	11374888	-	T	C	17	3	AGATG	rs115934936	NA19114
DPE	CTD-2201I18	5	79379538	79379538	-	C	A	-50	2	AGTCC	rs7736549	NA19236
DPE	CTPS1	1	41454144	41454144	+	G	C	25	2	GGTTA	rs191852761	NA18923
DPE	DDC	7	50628740	50628743	-	CTCT	-	29	1	GGACA	rs3837091	NA19236
DPE	DEFB106A	8	7343995	7343995	-	T	A	-86	3	AGATG	.	NA18864
DPE	DEFB108B	11	71544223	71544223	+	C	G	-23	4	AGACA	rs201034791	NA18507
DPE	DNAAF1	16	84178854	84178854	+	G	A	-11	1	GGTCC	rs75153645	NA19114
DPE	DNLZ	9	139258214	139258214	-	A	G	50	4	AGATG	rs150174514	NA18501
DPE	DNMBP-AS1	10	101686925	101686925	+	C	T	-41	4	AGACG	rs11190325	NA19147
DPE	DUPD1	10	76818202	76818202	-	A	G	71	4	AGATG	rs145742265	NA18507
DPE	DUSP13	10	76868906	76868906	-	T	-	65	3	AGACC	rs141119561	NA19225
DPE	ERCC3	2	128051726	128051726	-	G	A	27	4	AGTCC	rs9282675	NA19107
DPE	ERP29	12	112451145	112451145	+	C	T	-7	4	AGACA	rs181521612	NA18523
DPE	FAM133DP	7	92219683	92219683	-	C	T	14	2	GGACC	rs115850420	NA19116
DPE	FAM3B	21	42688647	42688647	+	G	A	-14	2	GGTCC	.	NA19236
DPE	FAM98A	2	33824377	33824377	-	T	G	53	1	AGTTC	rs142974257	NA19107
DPE	FANK1	10	127585172	127585172	+	G	T	65	2	AGTCC	.	NA19116
DPE	FBXW7	4	153274103	153274103	-	C	T	8	2	GGTTC	rs75404427	NA18523
DPE	FGFR4	5	176516631	176516631	+	G	A	81	2	GGTCC	rs1966265	NA18498
DPE	MIR4641	6	41566448	41566448	+	T	C	-13	4	AGTTC	rs115559004	NA18916
DPE	GABRE	X	151143119	151143119	-	C	A	33	1	GGTCG	rs201582441	NA18486
DPE	.	4	46125982	46125982	-	C	-	#VALUE!	2	AGTCC	.	NA18861
DPE	GALK2	15	49448012	49448012	+	C	A	57	4	GGACA	rs17435932	NA19189
DPE	GLS	2	191745582	191745582	+	C	A	36	4	GGTCG	.	NA18907
DPE	HBG1	11	5271063	5271063	-	C	T	25	2	GGTTA	rs28400425	NA19107
DPE	HBM	16	216041	216041	+	C	A	69	4	GGACC	rs143256173	NA18511
DPE	HERC2P9	15	28899556	28899556	+	C	T	-32	4	GGTCG	rs295759	NA18907
DPE	HIST1H2AA	6	25726786	25726786	-	A	C	5	3	GGTTC	rs9461208	NA18498
DPE	HMGB3P1	20	33422201	33422201	-	G	A	65	4	AGACG	rs115800058	NA19147
DPE	IFNAR1	21	34697288	34697288	+	A	T	75	3	GGACG	rs115105316	NA18861
DPE	IFT140	16	1662112	1662112	-	G	C	-3	4	GGACA	rs368597572	NA18498
DPE	IL20	1	207039141	207039141	+	G	A	-13	2	AGTCA	rs2232356	NA19198
DPE	ILF2	1	153643570	153643570	-	A	G	-66	3	GGTTC	rs116110657	NA18501
DPE	MIR6765	14	105617281	105617281	-	T	G	-80	3	GGACC	.	NA18517
DPE	KHDC3L	6	74072377	74072377	+	G	A	-23	1	GGTTC	rs80203576	NA19108
DPE	MIR922	3	197401505	197401505	-	C	T	-58	2	AGTTC	rs114940322	NA19147
DPE	KIAA0556	16	27561490	27561490	+	G	A	23	1	GGATG	rs112949559	NA18864
DPE	SCARNA4	1	155895914	155895914	-	A	G	-37	3	AGTTA	rs185604567	NA18489
DPE	KIR2DL1	19	55281315	55281315	+	G	T	51	2	GGTCG	rs2304224	NA19189

DPE	KLF17	1	44584426	44584426	+	G	C	-96	1	GGACG	.	NA18909
DPE	KLF17	1	44584427	44584427	+	G	T	-95	2	GGACG	.	NA18909
DPE	KRT19P2	12	95228286	95228286	+	G	C	57	2	AGATG	rs2289030	NA19236
DPE	KRT73	12	53012283	53012283	-	G	A	61	4	AGTCG	rs114162070	NA18861
DPE	LARP6	15	71145820	71145820	-	C	T	-23	1	GGTCC	.	NA18498
DPE	LDHC	11	18433780	18433780	+	A	G	-73	3	AGACG	rs3809097	NA19225
DPE	LGALS1	22	38071603	38071603	+	G	T	-10	1	GGTCC	rs187762562	NA18916
DPE	LHX9	1	197881693	197881693	+	A	G	59	1	AGTTA	.	NA18923
DPE	LILRA1	19	55105703	55105703	+	A	T	42	1	AGACG	rs116711729	NA18501
DPE	LINC01061	4	120331743	120331743	-	G	A	73	4	GGTCG	rs71612596	NA18489
DPE	LMO7DN	13	76445189	76445189	+	A	G	16	3	AGATG	rs9600566	NA19116
DPE	SESN3	11	94965717	94965717	-	A	C	-12	4	GGTTC	rs3214031	NA19236
DPE	LOC1001323!	9	69065510	69065510	+	C	T	-56	4	AGACG	rs111646048	NA19147
DPE	LOC1005073!	5	175546549	175546549	+	A	G	-3	3	GGATG	rs190773502	NA18864
DPE	LOC1019273!	7	7605684	7605684	-	G	-	13	4	AGACG	.	NA18856
DPE	LOC1019289!	3	184491002	184491002	-	A	G	-59	4	AGTTC	rs73187084	NA19108
DPE	LOC1019295!	8	59184636	59184636	-	A	T	25	4	GGATG	rs6982038	NA18523
DPE	LOC645752	15	78219278	78219278	-	C	T	-90	1	GGATC	rs9920783	NA19235
DPE	LOXL1-AS1	15	74220599	74220599	-	A	G	-10	4	AGATG	rs8023330	NA18489
DPE	LRCH3	3	197518097	197518097	+	G	C	1	1	GGTCC	rs189691440	NA19147
DPE	MB	22	36013451	36013451	-	C	T	-67	1	GGACA	rs73405612	NA19107
DPE	MIR1302-1	12	113132901	113132901	-	G	A	81	4	GGACA	rs74647838	NA18864
DPE	MIR1302-4	2	208134114	208134114	-	A	T	35	4	AGATA	rs116237969	NA19207
DPE	MIR1324	3	75679936	75679936	+	G	T	23	1	GGTCC	.	NA18501
DPE	MIR410	14	101532214	101532214	+	C	T	-35	4	GGACG	rs114167683	NA19108
DPE	MIR4270	3	15537776	15537776	-	A	G	40	4	AGATG	rs79922312	NA18489
DPE	MIR4289	9	91360756	91360756	-	T	-	65	1	AGATC	rs143714958	NA18856
DPE	MIR4318	18	35237129	35237129	+	A	G	32	3	GGACA	rs11873400	NA18498
DPE	MIR514A1	X	146360910	146360910	-	A	G	-48	4	AGTTG	.	NA18511
DPE	MIR519A1	19	54255560	54255560	+	G	A	-91	1	GGACA	rs139167389	NA19236
DPE	MIR517A	19	54215609	54215609	+	C	A	88	4	AGACA	rs150933524	NA19225
DPE	LONP2	16	48278171	48278171	+	A	C	94	3	GGACG	.	NA19116
DPE	NOX5	15	69222931	69222931	+	G	C	93	2	GGTTC	rs61736032	NA18486
DPE	MIR5684	4	165426514	165426514	+	A	T	-28	3	AGATA	rs116531709	NA18856
DPE	MIR602	9	140732832	140732832	+	G	A	-39	2	AGACC	rs368497535	NA18517
DPE	MIR650	22	23165221	23165221	+	T	C	-49	3	GGTCC	.	NA19114
DPE	MIR6769A	16	4721353	4721353	+	A	G	35	1	AGTTG	rs115873109	NA18864
DPE	MIR6799	19	50295148	50295148	+	G	A	26	1	GGTCA	rs59102856	NA18486
DPE	MIR8055	8	6479658	6479658	-	G	A	84	4	AGACG	rs79123647	NA18856
DPE	MIR8056	5	172774396	172774396	+	G	A	-62	2	GGTCA	rs4868260	NA18909
DPE	MIR99A	21	17911361	17911361	+	A	C	-48	3	AGATA	rs77604217	NA18907

DPE	MMAB	12	110011346	110011346	-	T	C	13	1	AGTCA	.	NA19236
DPE	MTMR11	1	149908768	149908768	-	-	CTCT	24	3	AGTCG	.	NA19236
DPE	MYBPC1	12	101988803	101988803	+	C	T	95	4	AGTCG	rs148011345	NA19235
DPE	NDUFB1	14	92588147	92588147	-	C	T	7	2	AGTCA	rs7148238	NA19107
DPE	NDUFB6	9	32573147	32573147	-	C	G	36	1	GGTCG	rs631678	NA18907
DPE	NDUFB9	8	125551365	125551365	+	G	A	23	2	AGTCA	rs186855962	NA18489
DPE	NOC3L	10	96122815	96122815	-	C	G	-82	1	GGTCC	.	NA18909
DPE	NODAL	10	72201532	72201532	-	A	G	-67	4	GGTTA	rs74139636	NA18511
DPE	NOXRED1	14	77889304	77889304	-	T	C	96	1	AGACC	rs114890582	NA18861
DPE	NT5C	17	73127971	73127971	-	A	T	-81	4	GGATG	rs4788868	NA19236
DPE	OR10A3	11	7961058	7961058	-	G	A	10	4	AGACA	rs201624536	NA18511
DPE	OR10J5	1	159505812	159505812	-	G	-	-15	4	AGACA	rs376681523	NA19129
DPE	OR2T29	1	248722841	248722841	-	G	A	-49	4	GGACG	.	NA18511
DPE	OR2T34	1	248738133	248738133	-	A	G	-75	4	GGTTA	rs373986839	NA18511
DPE	OR52K1	11	4510035	4510035	+	-	T	-74	3	GGATA	rs144192851	NA18907
DPE	OR5B2	11	58190762	58190762	-	C	T	25	2	GGTCA	rs115398708	NA19225
DPE	OR8G2	11	124095320	124095320	+	G	-	-24	1	GGTCA	rs141204263	NA18501
DPE	OR9Q2	11	57957841	57957841	+	T	C	-65	3	AGTTG	rs77927189	NA19107
DPE	PCDHB10	5	140571906	140571906	+	C	T	-46	4	AGACG	rs115978956	NA18916
DPE	PCMTD1	8	52811681	52811681	-	A	G	66	3	GGTTC	rs10106734	NA19236
DPE	PCP2	19	7698653	7698653	-	A	G	-19	4	GGATG	rs1862515	NA19114
DPE	PDHA2	4	96761256	96761256	+	G	C	18	1	GGTCG	rs11725710	NA19147
DPE	PEX11G	19	7553859	7553859	-	G	T	66	4	AGTCG	rs200516760	NA18501
DPE	PGA3	11	60971018	60971018	+	T	C	52	3	AGTTG	rs376925562	NA18517
DPE	POLR2L	11	842559	842559	-	-	C	-30	3	GGTTC	rs34972554	NA18507
DPE	PREPL	2	44588659	44588659	-	T	C	42	1	AGTTG	rs75295176	NA19107
DPE	PRKCSH	19	11546486	11546486	+	C	G	21	4	GGACA	rs115820640	NA19189
DPE	PRSS58	7	141957794	141957794	-	T	C	85	1	AGACA	rs74316727	NA19236
DPE	PRUNE2	9	79520956	79520956	-	G	A	48	4	GGACC	rs45438993	NA18909
DPE	PSMC4	19	40476854	40476854	+	A	G	-58	1	AGATG	rs145455446	NA18501
DPE	PSMD5	9	123605256	123605256	+	-	CTG	44	4	AGATC	rs112729346	NA18501
DPE	QRICH2	17	74303746	74303746	-	C	A	16	2	GGACC	rs145649876	NA18909
DPE	RAC2	22	37640324	37640324	-	A	G	16	3	AGTTC	.	NA18507
DPE	RANBP1	22	20103495	20103495	+	A	T	35	3	GGACA	rs115618351	NA19225
DPE	MIR6867	17	38349923	38349923	+	C	T	75	4	GGACA	rs143313469	NA19236
DPE	RASAL3	19	15575407	15575411	-	CCCAC	-	-25	2	GGACA	.	NA18864
DPE	MIR1909	19	1816243	1816243	-	T	A	-6	3	AGACA	rs79814521	NA18517
DPE	RFX3	9	3395524	3395524	-	C	T	73	2	AGTCA	.	NA19236
DPE	RIC3	11	8190537	8190537	-	G	T	54	4	AGTCA	rs6578936	NA19116
DPE	RMRP	9	35658020	35658020	-	C	T	-5	2	GGACG	rs7024732	NA19236
DPE	RPF2	6	111303315	111303315	+	C	T	96	4	GGACA	rs79729443	NA18517

DPE	RPS2	16	2014801	2014801	-	G	A	27	4	AGTCC	.	NA19116
DPE	RRM2	2	10262859	10262859	+	G	A	-4	2	GGTCG	rs72542787	NA18517
DPE	RRP12	10	99161146	99161146	-	T	A	-19	3	GGATG	rs116177644	NA19236
DPE	RUSC2	9	35538626	35538626	+	G	C	-3	2	AGACA	rs1322126	NA19235
DPE	RUVBL2	19	49497155	49497155	+	A	G	-1	1	AGTTG	rs3764618	NA18864
DPE	SASH3	X	128913971	128913971	+	G	A	80	1	GGTTC	.	NA19225
DPE	SEMA3B-AS1	3	50304845	50304845	-	C	T	-42	1	GGTCC	rs11916258	NA18856
DPE	SERP1	3	150264454	150264454	-	A	G	-26	4	GGTTA	rs146864908	NA18486
DPE	SLAMF6	1	160493135	160493135	-	T	-	-83	1	AGTTA	.	NA19107
DPE	SLC25A3P1	1	53905756	53905756	-	CTT	-	-63	1	GGTTA	rs147514020	NA18489
DPE	SMARCAL1	2	217277569	217277569	+	T	G	97	3	GGTCC	rs2276665	NA19236
DPE	SNORD115-1	15	25481229	25481229	+	G	C	-3	2	GGTTG	rs115612241	NA19235
DPE	SNORD97	11	10823133	10823133	-	G	T	23	4	AGACG	rs149748807	NA19198
DPE	SP140L	2	231191897	231191897	+	T	C	4	3	GGTCA	rs115126447	NA19108
DPE	SPATS2L	2	201171355	201171355	+	T	C	-1	3	GGTCG	rs12618057	NA19236
DPE	SPDYE7P	7	72339624	72339624	-	G	A	33	4	GGTCG	rs141307317	NA18498
DPE	STAB2	12	103981020	103981020	+	G	T	-49	2	GGATA	rs151223597	NA19107
DPE	SUMO1P1	20	52492156	52492156	-	C	G	93	1	GGTTC	.	NA18907
DPE	SUMO1P1	20	52492322	52492322	-	T	-	-74	1	AGTTA	.	NA18907
DPE	SVIL-AS1	10	29698541	29698541	+	G	A	79	2	GGTTA	rs34503423	NA18864
DPE	SWAP70	11	9685701	9685701	+	G	T	78	2	GGTTG	rs3763867	NA18907
DPE	TAAR2	6	132939189	132939189	-	T	C	44	3	GGATC	.	NA18489
DPE	TCEA2	20	62688359	62688359	+	T	C	-80	4	AGATG	rs816953	NA19236
DPE	TDRD12	19	33210646	33210646	+	A	G	-33	3	GGACC	rs1559177	NA19116
DPE	TK2	16	66583705	66583705	-	T	C	24	3	GGACG	rs3743714	NA18486
DPE	TMEM161B-A	5	87564886	87564886	+	C	T	54	4	GGACC	.	NA18909
DPE	TMEM18	2	677382	677382	-	C	G	58	2	GGTTC	rs61739994	NA18861
DPE	TMEM59	1	54519044	54519044	-	C	T	68	2	AGTTC	rs150605154	NA19107
DPE	TRMT10B	9	37753846	37753846	+	T	G	47	4	GGATC	rs7848132	NA18486
DPE	TTC30A	2	178483595	178483595	-	C	G	100	2	AGTCC	rs78801448	NA18856
DPE	FAM134C	17	40761533	40761551	-	\GGCGCCG/	-	-88	3	GGATC	.	NA19114
DPE	UEVLD	11	18601040	18601040	-	G	A	26	4	AGACG	rs79774502	NA19236
DPE	UGT1A3	2	234637791	234637791	+	G	A	19	2	GGTTC	.	NA19116
DPE	UGT3A2	5	36066956	36066956	-	C	A	68	1	GGTCC	rs59471035	NA19129
DPE	GDF9	5	132202663	132202663	-	C	T	-87	2	AGACG	rs146307558	NA18861
DPE	USP17L17	4	9245598	9245598	+	A	G	-7	1	AGTCG	.	NA18489
DPE	VAMP4	1	171711406	171711406	-	C	T	-27	1	GGATC	rs112389451	NA18489
DPE	WISP2	20	43343834	43343834	+	T	C	-51	4	GGATG	rs34077853	NA19225
DPE	S100PBP	1	33283033	33283033	+	C	A	-10	4	AGTCG	rs184477254	NA19107
DPE	ZNF208	19	22193677	22193677	-	C	A	69	2	AGTCC	rs116250306	NA19147
DPE	ZNF222	19	44529481	44529481	+	C	A	-13	4	GGTCC	rs116145999	NA18864

DPE	ZNF295-AS1	21	43442085	43442085	+	C	T	-28	4	AGTCG	rs74680528	NA19236
DPE	ZNF335	20	44600817	44600817	-	C	T	17	1	GGATG	rs182155001	NA18909
DPE	ZNF33B	10	43134240	43134240	-	G	-	46	4	GGTCG	rs371895681	NA18856
DPE	ZNF33B	10	43134241	43134241	-	A	T	45	3	GGTCG	.	NA18923
DPE	ZNF33B	10	43134242	43134242	-	C	T	44	2	GGTCG	rs77276241	NA18856
DPE	ZNF417	19	58427893	58427893	-	-	T	86	4	GGACC	.	NA18486
DPE	ZNF519	18	14132540	14132540	-	A	C	-51	3	GGTCG	.	NA18511
DPE	ZNF556	19	2867413	2867413	+	A	G	81	3	GGACA	rs189998491	NA18907
DPE	ZNF559	19	9434514	9434514	+	G	A	67	2	GGTTC	rs73920738	NA19236
DPE	ZNF654	3	88188285	88188285	+	C	T	24	4	GGACG	rs58079813	NA18501
DPE	ZNF773	19	58011261	58011261	+	T	C	40	4	GGTTG	rs376086087	NA18864
DPE	ZNF490	19	12721659	12721659	+	G	A	-36	1	GGACA	.	NA19236
INR	ABCG5	2	44065949	44065949	-	A	G	10	5	CCAGTCC	rs115642007	NA18523
INR	ABHD14B	3	52008737	52008737	-	G	C	-91	1	CCACTTT	.	NA18489
INR	ACMSD	2	135596115	135596115	+	C	T	-71	6	CTAGACT	rs150617858	NA19198
INR	AIP1	17	6338530	6338530	-	G	T	-11	2	CCACTCC	rs7211442	NA18916
INR	ALG2	9	101984323	101984323	-	G	A	-77	6	CTAGACC	rs140563145	NA18507
INR	APOH	17	64225529	64225529	-	G	T	28	2	CCACTTT	rs8178822	NA18861
INR	ASPM	1	197115764	197115764	-	A	G	61	1	TTAATTT	rs74743106	NA18507
INR	BRICD5	16	2261149	2261149	-	G	C	-80	6	CCACACT	rs9930496	NA18507
INR	C15orf52	15	40633074	40633074	-	G	A	95	1	CCACTCT	rs77790060	NA18864
INR	C19orf18	19	58485944	58485944	-	G	A	-42	2	TCACACT	rs75219596	NA18909
INR	C2orf71	2	29297068	29297068	-	C	T	60	4	TCAGTTC	rs35929540	NA18923
INR	CACNB2	10	18689570	18689570	+	T	-	58	5	CTAGTTT	rs34680296	NA18861
INR	CASC19	8	128209820	128209820	-	T	C	53	3	TCACTCC	rs2466032	NA18489
INR	CCDC172	10	118084013	118084013	+	A	G	74	3	CCATTTT	.	NA19225
INR	CCDC66	3	56591178	56591178	+	A	G	-6	3	CTATATC	rs73079891	NA18864
INR	CCNT1	12	49110742	49110742	-	-	G	40	3	CCACTCC	.	NA18486
INR	CD177	19	43857751	43857751	+	C	T	-60	2	CCATTTT	.	NA19235
INR	CEP164	11	117192528	117192528	+	A	G	35	5	CCACATC	rs56967930	NA19236
INR	SCARNA9	11	93454643	93454643	+	A	G	-37	3	TTAGTTT	rs181537079	NA18486
INR	CGB5	19	49547176	49547176	+	C	T	75	4	CTACACC	rs192602502	NA18517
INR	CHCHD5	2	113342460	113342460	+	T	C	12	1	TCACTCT	rs145802239	NA19129
INR	CHD4	12	6715564	6715564	-	T	C	54	4	CCAATTC	rs189606214	NA18486
INR	CLEC4M	19	7827944	7827944	+	C	T	-91	6	CCAGACC	rs187433791	NA19189
INR	MIR6843	8	27468271	27468271	-	A	G	-3	5	TCATTTT	rs9331890	NA18486
INR	CNTN3	3	74570193	74570193	-	T	C	99	3	CTATATT	rs186096263	NA19129
INR	COMMD9	11	36311057	36311057	-	A	C	-58	5	CCACTCT	.	NA19108
INR	CRYGS	3	186262133	186262133	-	G	C	35	1	CCAGTCT	rs200400904	NA18498
INR	CTBS	1	85040125	85040125	-	G	A	39	1	CCACTCC	rs199591724	NA19114
INR	CTSC	11	88070931	88070931	-	A	C	11	6	CTATTTT	rs144306006	NA18864

INR	CYP2A13	19	41594442	41594442	+	A	T	87	3	TCAGTCT	rs141107958	NA19235
INR	DCAF4L2	8	88886248	88886248	-	G	C	49	4	TTACTCC	rs149447989	NA19189
INR	DCAF8L1	X	27999608	27999608	-	A	G	-42	5	TTAGTTT	rs144231744	NA19108
INR	C19orf80	19	11350294	11350294	+	T	C	-1	2	CTATACC	rs1541923	NA19235
INR	DSG4	18	28956832	28956832	+	A	G	93	4	TCAAATT	rs140773382	NA19236
INR	EIF3M	11	32605370	32605370	+	C	T	58	2	CCAGTTC	rs186327738	NA18523
INR	EXOSC9	4	122722445	122722445	+	T	-	-27	4	CCATTTT	.	NA19107
INR	F10	13	113777023	113777023	+	C	T	-90	6	TCACTCC	.	NA18861
INR	FLJ26850	19	50553878	50553878	+	C	-	-59	6	CTATTCC	rs58461157	NA18907
INR	FRG2B	10	135440295	135440306	-	GTGGGTTA	-	5	6	CCCACT	.	NA18909
INR	FTSJ3	17	61904989	61904989	+	-	CAGT	43	1	CCAGTCC	.	NA19129
INR	GAPVD1	9	128061195	128061195	+	T	C	27	6	CCACATT	rs201866363	NA19225
INR	GINS3	16	58426215	58426215	+	C	T	-83	4	CCACACC	rs115821869	NA19114
INR	GSTM1	1	110230442	110230442	+	C	A	25	6	TTATACT	rs142392008	NA18498
INR	GZMK	5	54320137	54320137	+	T	C	31	6	TTAAATC	rs78213068	NA18511
INR	HIGD2B	15	72978459	72978459	+	T	C	32	2	TTACTTC	rs77973163	NA19225
INR	HNRNPA1P3	10	47133793	47133793	-	G	A	44	2	CCATACT	rs28412013	NA19108
INR	ID1	20	30193146	30193146	+	T	-	61	4	TCATTTT	rs150269842	NA19198
INR	ID1	20	30193164	30193167	+	TTCT	-	79	4	CCATTCT	rs200063888	NA19189
INR	IFNA6	9	21350803	21350803	-	C	T	84	4	TCAGACC	rs114283047	NA19207
INR	IGLL3P	22	25714179	25714179	+	-	GGGTC	-45	2	CTAGATC	.	NA19225
INR	IPO7	11	9406094	9406094	+	T	A	-75	6	CTACATC	rs112613425	NA19114
INR	ITGAD	16	31404600	31404600	+	-	T	-33	3	TTATTTT	.	NA18864
INR	KLK11	19	51530870	51530870	-	G	A	16	6	CCACACC	rs77435729	NA19108
INR	KRT31	17	39553833	39553833	-	G	A	12	6	TTAGACT	rs79496913	NA18909
INR	KRTAP10-9	21	46047053	46047054	+	TA	-	14	2	TTACACC	.	NA19198
INR	KRTAP10-9	21	46047057	46047057	+	-	GT	18	6	TTACACC	.	NA19198
INR	KRTAP12-4	21	46074522	46074522	-	T	G	55	5	CCACACC	rs76605324	NA18498
INR	KRTAP2-3	17	39216321	39216321	-	T	G	24	5	CCACACC	.	NA19225
INR	KRTAP27-1	21	31710042	31710042	-	T	C	-30	4	TTAATTT	rs112147512	NA19189
INR	KRTAP4-11	17	39274608	39274608	-	G	A	-2	4	TCACTCT	rs149970329	NA18498
INR	KRTAP4-3	17	39324333	39324333	-	T	A	92	3	CCAGACC	rs12953139	NA18861
INR	KRTAP4-7	17	39240549	39240549	+	C	G	91	2	TCAGACC	rs200397258	NA18909
INR	KSR2	12	118406121	118406124	-	AGTA	-	-93	5	CTACTCC	.	NA19116
INR	LINC00550	13	69459426	69459426	-	C	T	32	4	CTAGTCC	rs7982349	NA18498
INR	LINC01364	1	87837297	87837297	-	T	G	42	3	TCATTTT	rs115193251	NA19107
INR	LINC01405	12	111374384	111374385	+	TC	-	-22	6	TCACTTC	.	NA18489
INR	LOC388882	22	23829185	23829185	-	T	C	-18	3	TCAGTCT	.	NA18489
INR	LOC388882	22	23829186	23829186	-	G	A	-19	2	TCAGTCT	.	NA18489
INR	LOC90834	22	50173910	50173910	-	A	T	49	5	TTAATCC	rs4824095	NA19236
INR	LRP6	12	12419719	12419719	-	G	T	93	2	CCACTTC	rs78631600	NA18489

INR	MAGOH2P	17	10619851	10619851	-	A	T	49	5	TCAGTCT	rs9674829	NA19114
INR	MARCO	2	119699700	119699700	+	A	G	-45	3	CCAATCC	rs73948222	NA19129
INR	TRMT6	20	5931206	5931206	+	C	T	-2	6	CCAGACC	rs113126937	NA19129
INR	MED9	17	17380267	17380267	+	-	C	-33	5	CCACACC	.	NA18909
INR	MGAT3	22	39883252	39883252	+	C	-	24	4	CCACATT	.	NA18507
INR	MIR1299	9	69002274	69002274	-	G	T	48	6	TCAGACC	.	NA19236
INR	MIR1299	9	69002276	69002276	-	C	G	46	4	TCAGACC	.	NA19236
INR	MIR4443	3	48238139	48238139	+	C	G	86	2	CCATTCC	rs9861298	NA18501
INR	MIR510	X	146353952	146353952	-	G	C	-26	2	CCATTTT	rs112526562	NA18489
INR	MIR548A1	6	18572087	18572087	+	-	TAC	73	1	TTACTTT	.	NA18489
INR	MIR569	3	170824453	170824453	-	A	C	96	6	TTATTTT	rs73037390	NA19207
INR	MIR580	5	36148057	36148057	-	T	C	34	3	TCAGACT	rs115089112	NA19114
INR	MIR590	7	73605603	73605603	+	T	G	76	5	CTAGTCT	.	NA18489
INR	MOB1B	4	71768063	71768063	+	C	A	7	2	CCACTTC	rs114889883	NA18507
INR	SNORD86	20	2636718	2636718	+	T	C	-25	5	CCACTTC	rs201508102	NA19198
INR	OR1B1	9	125391844	125391844	-	T	C	-30	5	TTAAACT	rs202181195	NA18501
INR	OR1Q1	9	125376920	125376920	+	T	A	-97	5	TTAATCC	rs77011130	NA19147
INR	OR5H14	3	97868154	97868154	+	A	G	-76	4	CCAATTT	rs115496346	NA18907
INR	OR5T2	11	56000600	56000600	-	G	T	62	6	TCATTCT	rs3919907	NA18856
INR	OR6C6	12	55688928	55688928	-	A	T	89	5	CTATTTT	rs142251558	NA18864
INR	OR7E14P	11	17073509	17073509	+	A	G	77	3	TTATATC	.	NA19147
INR	OR9G1	11	56467897	56467897	+	A	G	34	3	TTATACT	rs143307936	NA18907
INR	OTUD6B-AS1	8	92082341	92082341	+	T	G	77	6	CCAATTC	rs114538188	NA19147
INR	P2RX6P	22	21398536	21398536	-	T	A	3	5	CCAGATT	.	NA19147
INR	MIR7705	8	101715276	101715277	-	AA	-	-24	2	TTAATTT	.	NA19108
INR	MIR7705	8	101715277	101715277	-	-	CCTCT	-25	1	TTAATTT	.	NA19108
INR	PAQR5	15	69606728	69606728	+	T	C	-14	1	TTACTTC	rs8034725	NA19236
INR	PAXIP1-AS2	7	154720259	154720259	+	T	C	33	5	TCAGTCC	rs11543936	NA18501
INR	LOC1019273!	4	134070348	134070348	+	T	C	-77	5	CCAGTTT	rs113485869	NA18856
INR	PHLPP2	16	71758615	71758615	-	A	-	-11	6	TTAGATC	rs148279519	NA18909
INR	PLCE1	10	95848747	95848747	+	T	G	-36	2	TTACATC	rs142447326	NA19198
INR	ANO6	12	45609776	45609776	+	C	G	7	6	CTACTCC	rs76529267	NA18907
INR	MIR1825	20	30825697	30825697	+	T	C	100	6	TTAGATT	rs78443180	NA19235
INR	TMEM199	17	26684538	26684538	+	C	T	-66	1	CCAGTCC	.	NA19114
INR	POLI	18	51795781	51795781	+	T	C	-68	1	TCACTCT	.	NA18517
INR	PRB4	12	11463453	11463453	-	G	C	-84	6	CCAGTCT	rs114510080	NA19114
INR	TAS2R30	12	11286883	11286883	-	A	T	-40	2	TTACACC	.	NA19235
INR	TAS2R30	12	11286884	11286884	-	A	G	-41	1	TTACACC	.	NA19235
INR	PRSS3P2	7	142478847	142478847	+	C	T	91	2	CCACTCC	.	NA19235
INR	PRSS3P2	7	142478851	142478851	+	C	T	95	6	CCACTCC	.	NA19235
INR	ROBO4	11	124767876	124767876	-	C	T	-45	4	CCAGTTC	rs117483938	NA18861

INR	RPS16	19	39926549	39926549	-	G	A	70	6	CTAGTCC	rs73547999	NA19235
INR	RPS3A	4	152020774	152020774	+	C	T	50	4	CCACTTC	rs191557929	NA18507
INR	S100A5	1	153514326	153514326	-	T	C	-85	3	CTACTCC	rs7530120	NA18517
INR	SCGB3A2	5	147258318	147258318	+	T	C	45	2	CTAGATT	rs114767590	NA19189
INR	SH3D19	4	152096629	152096629	-	T	C	76	5	TCACATT	rs78923851	NA18916
INR	SIDT1	3	113251123	113251123	+	A	C	-95	5	CCATATC	rs115581313	NA18489
INR	SLC22A16	6	110797763	110797763	-	G	A	82	4	CCACTTC	rs193273903	NA19107
INR	SLC41A1	1	205782397	205782397	-	G	T	-73	2	CCAGTCC	rs61822602	NA19198
INR	SNORD114-1	14	101434356	101434356	+	A	T	-92	3	TCATATT	rs4143956	NA18486
INR	SNORA17	9	139621343	139621343	-	G	A	-12	6	TTAGTCT	rs115595451	NA18856
INR	SNORD115-3	15	25472328	25472328	+	A	G	73	5	TTACACT	rs200402524	NA19116
INR	SNORD116-5	15	25313000	25313000	+	A	G	67	3	TCATACC	rs147626478	NA19207
INR	SNORD37	19	3982554	3982554	-	G	A	17	2	TCATTTT	rs74491743	NA18916
INR	EFCAB5	17	28256800	28256800	+	T	C	-74	5	CTAGTCT	rs145397094	NA18861
INR	STARD4-AS1	5	110847967	110847967	+	C	T	44	2	CCAGATC	rs40992	NA18498
INR	TAS1R2	1	19186166	19186166	-	G	A	-11	2	TCACTTC	rs139755638	NA18489
INR	TAS2R30	12	11286820	11286820	-	A	T	24	5	TCATTTT	rs111958076	NA19235
INR	MIR6715A	10	114059282	114059282	+	C	T	-88	1	CCAGACC	rs199966327	NA19236
INR	TEX29	13	111968523	111968523	+	A	G	-9	4	TCAATTT	rs148650206	NA19236
INR	TEX29	13	111973020	111973022	+	TTG	-	30	6	CCAGTTT	rs200750172	NA18501
INR	TMEM170B	6	11538534	11538534	+	C	T	75	4	CCACTCC	rs821443	NA18864
INR	TNFRSF1A	12	6451363	6451363	-	T	G	-80	5	CCAGATC	rs2234649	NA18861
INR	MUTYH	1	45806200	45806200	-	C	T	-58	4	CCAGACT	rs3219465	NA19147
INR	UBE3A	15	25650577	25650577	-	A	C	77	1	TTATTTT	rs7165149	NA18507
INR	UBXN6	19	4457792	4457792	-	T	A	-1	3	TTAATTT	rs12977256	NA18909
INR	USP17L17	4	9245617	9245617	+	T	C	13	1	TCACTCT	.	NA19116
INR	VAMP4	1	171711330	171711330	-	T	C	50	3	CTAAACT	rs59191288	NA19129
INR	WDFY3	4	85887548	85887548	-	G	A	-4	6	CCATACC	rs371829724	NA18523
INR	ZNF600	19	53290044	53290044	-	T	A	-10	3	TCAGTCC	rs10424059	NA18489
TATA	RBM5-AS1	3	50138422	50138422	-	T	G	-1	5	TATAAAAA	rs41464448	NA18861
TATA	TPI1	12	6976669	6976669	+	T	G	-24	5	TATATAAG	rs1800202	NA18523
TATA	KRTAP10-4	21	45993544	45993544	+	T	C	-62	3	TATAAAAAG	rs113200827	NA19236

Variants not in motifs

MIR6859-1	1	17385	17385	-	G	A	52			rs71260065	NA19198
MIR6859-1	1	17408	17408	-	C	G	29			.	NA18864
LOC10028801	1	714038	714038	-	C	A	31			.	NA18501
ISG15	1	948811	948811	+	C	T	-36			rs146114602	NA19235
MIR6808	1	1275093	1275093	-	G	A	-5			rs112292106	NA19207
MXRA8	1	1293926	1293926	-	G	A	2			rs147837866	NA18909
MRPL20	1	1342703	1342703	-	C	T	-10			.	NA18507
TMEM88B	1	1361555	1361555	+	T	C	48			rs1695848	NA18864

SLC35E2B	1	1624342	1624342	-	T	G	-99	.	NA19116
CDK11B	1	1655901	1655901	-	G	A	-42	rs182799205	NA19236
PANK4	1	2458096	2458096	-	C	A	-29	.	NA18501
LOC115110	1	2488405	2488405	-	C	A	46	rs185638912	NA18511
KCNAB2	1	6094292	6094292	+	C	T	-56	rs115849749	NA18907
RPL22	1	6259764	6259764	-	G	C	-85	rs12062342	NA18523
TAS1R1	1	6615272	6615272	+	C	T	-66	rs151027106	NA18907
UTS2	1	7913074	7913074	-	A	G	31	rs114826831	NA19114
CA6	1	9005931	9005931	+	C	A	39	rs75823497	NA19108
SLC2A7	1	9086388	9086388	-	G	A	17	rs150973958	NA18856
APITD1	1	10490757	10490757	+	C	A	-47	.	NA19107
APITD1	1	10490775	10490775	+	G	A	-29	.	NA19107
PEX14	1	10535052	10535052	+	C	G	50	rs12068754	NA19147
MIR6730	1	12639148	12639148	-	T	C	-97	rs113821144	NA19129
AADA4L4	1	12704481	12704481	+	C	T	-85	.	NA18507
PRAMEF12	1	12834987	12834987	+	-	T	-4	.	NA19198
PRAMEF1	1	12854745	12854745	+	C	T	-98	.	NA19189
HNRNPCL4	1	12908080	12908080	-	C	T	78	rs41279490	NA19189
HNRNPCL4	1	12908131	12908131	-	G	A	27	rs140927313	NA19235
HNRNPCL3	1	12908205	12908205	-	G	A	31	.	NA19189
HNRNPCL3	1	12908315	12908315	-	A	G	-80	.	NA19108
PRAMEF4	1	12946116	12946116	-	C	G	-91	.	NA19236
KAZN	1	15256271	15256271	+	C	T	-25	rs74059667	NA19236
CTRC	1	15764869	15764869	+	C	T	-69	rs144717165	NA19235
TMEM82	1	16068996	16069002	+	GACGTTG	-	10	rs141399046	NA18523
FBLIM1	1	16091398	16091398	+	C	T	-61	.	NA19116
FLJ37453	1	16174739	16174739	-	G	T	-97	.	NA19147
C1orf64	1	16330785	16330785	+	G	A	55	rs200845189	NA19147
CLCNKB	1	16375247	16375247	+	G	C	-10	.	NA18517
CLCNKB	1	16375262	16375262	+	C	T	6	rs12059889	NA18923
MIR3675	1	16875489	16875489	+	G	A	81	rs525286	NA18861
NBPF1	1	16940139	16940139	-	C	G	-39	rs1759212	NA18856
CROCCP2	1	16957305	16957305	-	-	C	97	rs33996121	NA18501
CROCCP2	1	16957414	16957414	-	C	T	-13	rs2296161	NA19235
CROCCP2	1	16957420	16957420	-	G	C	-19	rs11589767	NA19235
MST1P2	1	16972124	16972124	+	G	C	56	.	NA19225
MIR3675	1	17007673	17007673	+	G	A	-77	.	NA19225
MIR3675	1	17007729	17007729	+	C	A	-21	.	NA18523
MIR3675	1	17007831	17007831	+	T	G	82	rs78176714	NA18861
ESPNP	1	17046696	17046696	-	C	G	-44	.	NA19189
MIR3675	1	17185422	17185422	-	A	G	95	rs373569179	NA19189

MIR3675	1	17185572	17185572	-	C	G	-56	rs582982	NA18517
CROCC	1	17248511	17248511	+	C	A	67	rs190520832	NA18517
PADI3	1	17575645	17575645	+	A	C	53	rs3763589	NA19235
PAX7	1	18957546	18957546	+	G	A	47	rs2255640	NA18856
TAS1R2	1	19186092	19186092	-	C	T	64	rs144454001	NA18909
MIR1290	1	19223639	19223639	-	G	A	4	rs75705742	NA18501
MRT04	1	19578134	19578134	+	T	G	60	rs141918623	NA18916
MINOS1	1	19923438	19923438	+	C	T	-33	rs181064038	NA18501
NBL1	1	19969783	19969783	+	C	G	61	rs139459537	NA18501
PLA2G2E	1	20250136	20250136	-	C	T	-26	.	NA18861
PLA2G2E	1	20250173	20250173	-	C	G	-63	.	NA19189
PLA2G2A	1	20306920	20306920	-	C	T	13	rs79952454	NA19147
PLA2G2A	1	20306944	20306944	-	C	-	-12	rs199570209	NA19147
PLA2G5	1	20396674	20396674	+	C	A	-27	rs668630	NA19236
CDA	1	20915418	20915418	+	C	G	-26	rs603412	NA18909
CDA	1	20915531	20915531	+	A	G	88	rs602950	NA18909
MIR6084	1	20960206	20960206	+	G	A	35	.	NA18486
ECE1	1	21671943	21671943	-	T	G	92	rs2072654	NA18864
CELA3A	1	22328070	22328070	+	C	T	-79	rs115165726	NA19129
CELA3A	1	22328182	22328182	+	G	A	34	rs143850203	NA19189
CELA3A	1	22328233	22328233	+	T	A	85	rs115682252	NA19189
C1orf234	1	23342362	23342362	-	A	G	-19	rs681648	NA18856
ZNF436-AS1	1	23695489	23695489	+	C	T	26	rs185788767	NA18517
ZNF436-AS1	1	23695698	23695698	+	C	G	-13	.	NA19236
TCEA3	1	23751230	23751230	-	-	ACACACACC	43	.	NA18864
RPL11	1	24018205	24018205	+	C	T	-64	rs143238923	NA19198
RPL11	1	24018307	24018307	+	C	T	39	rs202059289	NA18511
FUCA1	1	24194898	24194898	-	C	A	-39	rs2070952	NA19236
CNR2	1	24239719	24239719	-	C	G	99	rs2502955	NA18523
GRHL3	1	24649550	24649550	+	A	-	21	rs151316582	NA19147
SRRM1	1	24969979	24969979	+	-	G	-71	rs201276480	NA19147
SRRM1	1	24969983	24969983	+	C	T	-67	.	NA19147
SYF2	1	25559103	25559103	-	T	G	-90	rs114624620	NA18907
RHD	1	25598907	25598907	+	A	G	-70	rs590604	NA18909
RHD	1	25598917	25598917	+	C	A	-60	rs45561633	NA18909
ZNF593	1	26496394	26496394	+	T	C	7	rs112385538	NA19236
CNKSRI	1	26504047	26504047	+	G	A	67	rs113455721	NA19236
CEP85	1	26595735	26595735	+	C	T	-39	rs116539144	NA19116
SH3BGRL3	1	26606174	26606174	+	A	C	-39	rs10902732	NA18498
CD52	1	26644335	26644335	+	T	C	-76	rs181525001	NA18923
CD52	1	26644400	26644400	+	G	A	-11	rs113139025	NA18907

ZNF683	1	26699264	26699264	-	C	T	3	rs115684375	NA18861
RPS6KA1	1	26872346	26872346	+	C	T	4	rs71640330	NA19147
NR0B2	1	27240635	27240635	-	G	A	-68	rs115656060	NA18909
DNAJC8	1	28559479	28559479	-	C	T	64	rs201460078	NA19236
ATPIF1	1	28562511	28562511	+	C	T	-91	rs2232718	NA19207
TRNAU1AP	1	28879574	28879574	+	G	T	46	rs138696611	NA18909
RNU11	1	28975120	28975120	+	C	T	9	rs145438715	NA19114
RNU11	1	28975126	28975126	+	T	C	15	.	NA19225
MATN1-AS1	1	31191527	31191527	+	G	A	-92	.	NA19107
MATN1	1	31196423	31196423	-	C	T	10	rs151028371	NA19107
MIR4420	1	31212154	31212154	-	G	A	-75	rs113535532	NA18507
ZCCHC17	1	31769752	31769752	+	T	G	-77	rs41412349	NA19116
SERINC2	1	31886564	31886564	+	C	G	-96	rs10914376	NA18489
TINAGL1	1	32042002	32042002	+	G	A	-84	rs78525162	NA19114
TINAGL1	1	32043806	32043806	+	G	A	61	rs114434987	NA19189
CCDC28B	1	32665927	32665927	+	T	C	-60	rs79535376	NA18861
DCDC2B	1	32674627	32674627	+	T	C	-68	rs60252907	NA18864
DCDC2B	1	32674703	32674703	+	T	G	9	rs200333134	NA18864
EIF3I	1	32688034	32688034	+	A	G	64	rs200407577	NA18517
ZBTB8OS	1	33116206	33116206	-	A	T	-21	rs41265851	NA19225
S100PBP	1	33283090	33283090	+	A	G	-29	rs189362780	NA19107
MIR552	1	35135270	35135270	-	A	G	26	rs76067517	NA19147
SFPQ	1	35658709	35658709	-	G	A	35	rs111712925	NA18489
PSMB2	1	36107142	36107142	-	A	-	11	rs60039597	NA19225
CLSPN	1	36235464	36235464	-	C	G	88	rs28581749	NA19114
CLSPN	1	36235523	36235523	-	T	G	29	rs189640327	NA18489
MIR6732	1	37945820	37945820	+	T	C	-11	.	NA19236
MIR6732	1	37945827	37945827	+	G	C	-4	.	NA19236
MIR6732	1	37945906	37945906	+	G	A	76	rs141185748	NA18501
DNALI1	1	38022433	38022433	+	A	G	-87	.	NA18507
DNALI1	1	38022509	38022509	+	G	A	-11	rs114529319	NA18907
C1orf109	1	38156333	38156333	-	G	A	-66	rs142295640	NA18517
MANEAL	1	38261098	38261098	+	G	C	-62	rs77822658	NA18916
INPP5B	1	38397369	38397369	-	C	T	95	rs35267671	NA19116
INPP5B	1	38397370	38397370	-	G	A	94	rs142849696	NA19236
RHBDL2	1	39407589	39407589	-	C	A	-87	rs11811894	NA18498
PPIEL	1	40025401	40025403	-	AAG	-	-31	rs375861060	NA19236
NT5C1A	1	40137702	40137702	-	A	G	9	.	NA18856
RLF	1	40626961	40626961	+	G	A	-80	.	NA18907
ZMPSTE24	1	40723690	40723690	+	T	-	-32	rs375813752	NA18909
COL9A2	1	40783014	40783014	-	G	A	-75	rs114673249	NA19108

EDN2	1	41950373	41950373	-	C	T	-19	rs55823949	NA18864
FAM183A	1	43613581	43613582	+	TG	-	-13	rs141446506	NA19236
EBNA1BP2	1	43638185	43638185	-	A	G	57	rs1782383	NA18864
EBNA1BP2	1	43638340	43638340	-	G	A	-99	.	NA18909
CDC20	1	43824684	43824684	+	G	A	59	rs45561534	NA19189
MIR6734	1	43830372	43830372	-	C	G	15	rs142827411	NA19235
RPS8	1	45241285	45241285	+	C	G	40	rs12120833	NA19107
MMACHC	1	45965822	45965822	+	G	C	-34	rs140926905	NA19207
TSPAN1	1	46640740	46640740	+	C	G	-9	rs78713820	NA19108
LRRRC41	1	46769101	46769101	-	T	G	-63	rs72883426	NA18861
MOB3C	1	47080749	47080749	-	T	C	57	rs149129109	NA19116
CYP4Z2P	1	47366058	47366058	-	G	T	90	rs148209144	NA19147
CYP4A11	1	47407228	47407228	-	A	-	-72	rs112518007	NA19129
CYP4A22	1	47603020	47603020	+	C	T	-87	rs113412997	NA19198
SLC5A9	1	48688376	48688376	+	A	G	20	rs41287916	NA18507
ELAVL4	1	50574645	50574645	+	G	A	54	rs114467609	NA18909
OSBPL9	1	52082594	52082594	+	G	C	49	rs72896012	NA18864
KTI12	1	52499459	52499459	-	C	A	14	rs114190370	NA19235
PRPF38A	1	52870282	52870282	+	G	A	64	rs148797587	NA19198
ECHDC2	1	53387356	53387356	-	G	A	91	rs138761671	NA18498
DIO1	1	54359881	54359881	+	G	A	21	rs200024914	NA19107
DIO1	1	54359889	54359889	+	G	A	29	rs143072578	NA19225
LDLRAD1	1	54483876	54483876	-	G	C	-17	rs144690150	NA19107
TTC4	1	55181467	55181467	+	C	T	-28	rs1846444515	NA19129
TTC4	1	55181590	55181591	+	AC	-	96	.	NA18507
C1orf177	1	55271730	55271730	+	C	T	-6	rs77971467	NA18907
PRKAA2	1	57111037	57111037	+	G	A	48	rs368197146	NA18864
C1orf168	1	57285436	57285436	-	C	T	-67	rs7523415	NA18861
C8B	1	57431768	57431768	-	A	T	46	rs76918354	NA19225
MYSM1	1	59165736	59165736	-	A	C	12	rs199638047	NA19207
MYSM1	1	59165808	59165808	-	C	T	-61	rs74079239	NA18864
MYSM1	1	59165821	59165821	-	T	C	-74	rs151133615	NA18856
MYSM1	1	59165830	59165830	-	C	T	-83	rs7518574	NA18856
HSD52	1	59612507	59612507	-	G	T	-28	rs11207410	NA18909
FGGY	1	59762711	59762725	+	CTCCTCCTC	-	28	rs139568780	NA18498
CYP2J2	1	60392494	60392494	-	C	A	-71	rs890293	NA19189
TM2D1	1	62191036	62191036	-	A	G	60	rs11207813	NA19235
LINC00466	1	63782820	63782820	-	C	G	82	rs80202485	NA18489
FOXD3	1	63788682	63788682	+	C	T	-48	rs72912791	NA19108
ITGB3BP	1	63988920	63988920	+	G	T	25	rs140705087	NA18501
RAVER2	1	65210770	65210770	+	C	T	-8	.	NA18864

LEPROT	1	65886486	65886486	+	C	A	88	rs150977016	NA18864
PDE4B	1	66458362	66458362	+	G	A	64	rs114408173	NA18916
SERBP1	1	67896040	67896040	-	G	C	84	rs113990215	NA19116
DEPDC1-AS1	1	68962395	68962395	+	G	C	37	rs113827207	NA19236
DEPDC1	1	68962823	68962823	-	C	T	82	.	NA19225
LRRC7	1	70225923	70225923	+	G	A	66	rs1340770	NA19114
NEGR1-IT1	1	72302701	72302701	-	T	A	-6	rs595910	NA18498
NEGR1	1	72748278	72748297	-	TTTTTTTTTT	-	-1	.	NA18511
TNNI3K	1	74700974	74700974	+	C	T	-97	rs187542033	NA18907
ERICH3-AS1	1	75055505	75055505	+	G	A	87	rs149032235	NA18511
TYW3	1	75198787	75198787	+	G	A	-49	rs41289224	NA19225
TYW3	1	75198788	75198788	+	C	A	-48	rs116630211	NA18907
SNORD45C	1	76252684	76252684	+	C	T	-73	rs74319818	NA19235
MSH4	1	76262523	76262523	+	G	A	-33	rs721204	NA18523
PIGK	1	77685067	77685067	-	G	A	66	rs141881551	NA18523
PIGK	1	77685089	77685089	-	T	A	44	rs146101175	NA18486
PIGK	1	77685153	77685153	-	G	A	-21	rs12031301	NA18501
DNASE2B	1	84864129	84864129	+	C	G	-86	rs116799295	NA18523
LINC01364	1	87837370	87837370	-	G	A	-32	rs58553238	NA19225
LINC01364	1	87837371	87837371	-	C	T	-33	rs57027584	NA19225
RPL5	1	93297557	93297557	+	C	A	-37	rs184590739	NA18523
RPL5	1	93297617	93297617	+	C	G	24	rs116168890	NA18523
RPL5	1	93297620	93297620	+	C	G	27	rs143326916	NA18856
RPL5	1	93297687	93297687	+	C	T	94	rs189107197	NA19107
SNORD21	1	93302803	93302803	+	G	T	-43	rs143356594	NA19107
MTF2	1	93544871	93544871	+	G	C	80	rs188991807	NA18517
CCDC18	1	93646348	93646348	+	G	A	76	rs141123796	NA18498
ABCD3	1	94883999	94883999	+	G	T	67	rs72559438	NA18511
LOC10272361	1	96457579	96457579	+	T	C	-45	rs321268	NA18856
MIR548AA1	1	100154632	100154632	+	A	T	22	rs11802904	NA18501
LOC10012911	1	104615715	104615715	+	G	A	71	rs141938920	NA18861
TMEM167B	1	109633335	109633335	+	G	A	-68	rs111739240	NA18523
SCARNA2	1	109642853	109642853	+	T	C	39	rs138718705	NA18498
PSRC1	1	109825840	109825840	-	G	A	-50	rs6669669	NA18856
GNAT2	1	110155621	110155621	-	T	C	85	rs116819755	NA18907
GSTM1	1	110230331	110230331	+	A	G	-87	rs36208868	NA18907
PROK1	1	110993747	110993747	+	C	T	-41	.	NA18507
PROK1	1	110993866	110993866	+	A	C	79	rs113657477	NA18507
DENND2D	1	111743412	111743412	-	G	A	-87	rs78691664	NA19225
CHI3L2	1	111772335	111772335	+	C	A	3	.	NA18916
PIFO	1	111889150	111889150	+	C	G	-32	rs371854722	NA18486

TMIGD3	1	112106551	112106551	-	G	A	75	rs139146384	NA18486
FAM212B-AS	1	112282385	112282385	+	A	G	-78	rs61788767	NA19236
LOC1019287	1	112298055	112298055	-	C	G	77	rs197390	NA18489
LOC1009962	1	113615627	113615627	-	C	A	98	rs12068820	NA18923
RSBN1	1	114355060	114355060	-	T	G	39	rs150908756	NA19114
PTPN22	1	114414463	114414463	-	G	C	-88	rs187736594	NA19225
BCAS2	1	115124225	115124225	-	A	G	41	rs144482876	NA19225
LOC1019289	1	116462028	116462028	+	A	G	32	rs12083943	NA18856
LINC01525	1	117838093	117838093	+	A	G	6	rs80239728	NA19225
NOTCH2	1	120612224	120612224	-	GCC	-	94	rs72341181	NA19235
HIST2H2BA	1	120906001	120906001	+	G	A	-33	rs150244346	NA18916
HIST2H2BA	1	120906101	120906101	+	C	A	68	rs114418656	NA18864
HIST2H2BA	1	120906102	120906102	+	G	A	69	rs115198068	NA18864
ANKRD20A1	1	142713519	142713519	-	C	T	87	.	NA19198
PPIAL4G	1	143767793	143767793	-	C	A	89	.	NA18923
PFN1P2	1	144612647	144612647	-	G	A	73	.	NA18916
NBPF8	1	144614958	144614958	+	T	C	-1	.	NA18523
PDE4DIP	1	144932342	144932342	-	T	G	24	rs1951919	NA18498
SEC22B	1	145096459	145096459	+	A	G	53	.	NA18486
NBPF25P	1	145289710	145289710	+	C	T	-60	rs6667524	NA18856
NBPF25P	1	145289731	145289731	+	A	G	-39	.	NA18856
NBPF25P	1	145289753	145289753	+	C	T	-17	rs4649858	NA18861
NBPF10	1	145293377	145293377	+	A	G	7	.	NA18923
NBPF10	1	145293379	145293379	+	T	C	9	.	NA18923
NBPF13P	1	146585845	146585845	-	A	G	84	.	NA18923
CHD1L	1	146714255	146714255	+	A	G	-36	rs1890040	NA18486
CHD1L	1	146714354	146714354	+	A	T	64	rs147494800	NA19129
GPR89B	1	147400513	147400513	+	C	T	8	rs9438051	NA19207
GPR89B	1	147400593	147400593	+	C	G	88	rs377310946	NA19114
PPIAL4B	1	147955368	147955368	-	T	C	52	rs2814239	NA18864
DRD5P2	1	148901920	148901920	+	G	T	76	rs4004754	NA18486
LOC645166	1	148928220	148928220	+	C	A	-93	.	NA19116
FAM231D	1	149287516	149287516	+	G	T	66	rs3088183	NA19236
FCGR1C	1	149369322	149369322	+	C	T	29	.	NA19235
LINC00623	1	149576422	149576422	+	C	T	-45	rs2646883	NA19107
HIST2H2BE	1	149858313	149858313	-	G	C	-81	rs74124040	NA19116
BOLA1	1	149871065	149871065	+	G	T	-90	rs1376676	NA18498
MTMR11	1	149908718	149908718	-	G	A	74	rs74124095	NA18864
VPS45	1	150039403	150039403	+	T	A	54	rs74127404	NA18489
TARS2	1	150459905	150459905	+	G	A	66	rs201336268	NA18923
ECM1	1	150480499	150480499	+	G	T	13	rs114886536	NA18861

SCNM1	1	151138550	151138550	+	-	C	53	.	NA18523
PIP5K1A	1	151171091	151171091	+	G	C	71	rs74571004	NA18864
SELENBP1	1	151345119	151345119	-	C	T	92	rs115507791	NA19235
TUFT1	1	151512741	151512741	+	C	T	-40	rs139398070	NA18511
TUFT1	1	151512802	151512802	+	G	T	18	rs16833376	NA18916
TUFT1	1	151512803	151512803	+	G	A	19	rs80145888	NA18489
OAZ3	1	151736048	151736048	+	C	T	93	.	NA19189
LINGO4	1	151777929	151777929	-	T	-	-11	rs370215598	NA19129
LINGO4	1	151777940	151777940	-	C	-	-22	rs201058056	NA18916
RORC	1	151804362	151804362	-	G	A	-14	rs182744338	NA18907
LCE3D	1	152553045	152553045	-	G	T	-65	rs73005820	NA18856
LCE3B	1	152586319	152586319	+	G	A	33	rs200481980	NA19116
LCE2D	1	152635911	152635911	+	T	C	25	rs12090614	NA18856
LCE6A	1	152815406	152815406	+	G	A	77	rs7552416	NA19225
SPRR1B	1	153003594	153003594	+	G	A	-85	rs181083466	NA19236
S100A9	1	153330400	153330400	+	G	A	71	rs190638867	NA19107
S100A5	1	153514147	153514147	-	C	A	95	rs184929047	NA18511
CHTOP	1	153606387	153606387	+	G	A	-71	rs1888115	NA18856
SLC27A3	1	153747694	153747694	+	G	C	-74	rs112438704	NA19116
MIR6737	1	153934813	153934813	-	T	C	84	rs116493308	NA19147
SLC39A1	1	153940145	153940145	-	A	-	64	rs11288257	NA19236
RPS27	1	153963239	153963239	+	C	T	1	rs188748675	NA19225
RPS27	1	153963263	153963263	+	A	G	25	rs115756915	NA19207
TPM3	1	154155668	154155668	-	T	C	58	rs144972541	NA18501
UBAP2L	1	154192610	154192610	+	C	A	-38	rs115612322	NA18511
ADAR	1	154600382	154600382	-	C	T	75	rs114277815	NA18498
ADAR	1	154600531	154600531	-	C	T	-75	rs77161460	NA18486
CKS1B	1	154947159	154947159	+	G	A	42	rs190251382	NA18907
CKS1B	1	154947186	154947186	+	G	A	69	rs368891492	NA18923
CKS1B	1	154947187	154947187	+	C	A	70	rs200615372	NA18923
SLC50A1	1	155108298	155108298	+	G	A	11	.	NA18517
DPM3	1	155112902	155112902	-	C	T	-19	rs114720269	NA19129
GBA	1	155211108	155211108	-	A	C	-39	rs78218762	NA18909
ASH1L-AS1	1	155531805	155531805	+	T	A	34	.	NA19129
MSTO2P	1	155715464	155715464	+	G	C	-95	.	NA19108
MSTO2P	1	155715468	155715468	+	A	G	-91	rs450930	NA19108
PMF1	1	156182759	156182759	+	G	A	-20	rs190769656	NA19235
BGLAP	1	156211892	156211892	+	C	T	-59	rs143524020	NA19236
RHBG	1	156339035	156339035	+	C	T	56	rs184591286	NA18498
APOA1BP	1	156561557	156561557	+	-	GGCCGGGC	-1	rs149629319	NA18501
GPATCH4	1	156571217	156571217	-	G	C	63	rs144806833	NA19116

ETV3L	1	157069561	157069561	-	C	G	40	rs75500098	NA19114
FCRL2	1	157746947	157746947	-	C	T	-25	rs79588732	NA19147
FCRL2	1	157746970	157746970	-	C	A	-48	.	NA18907
CD1B	1	158301379	158301379	-	-	GCCTC	-58	rs142275697	NA18864
OR10T2	1	158369210	158369210	-	A	G	47	rs6660222	NA18864
OR6P1	1	158533298	158533298	-	-	A	97	rs201077183	NA18864
OR6K6	1	158724592	158724592	+	C	G	-14	rs148753235	NA19189
ACKR1	1	159174969	159174969	+	G	T	-80	.	NA19108
CRP	1	159684473	159684473	-	G	A	-94	rs3093063	NA18864
C1orf204	1	159825190	159825190	-	T	C	-53	rs77141833	NA18864
SLAMF9	1	159924128	159924129	-	TC	-	-84	rs149791610	NA18909
ATP1A2	1	160085482	160085482	+	G	C	-38	rs115471871	NA18861
ATP1A2	1	160085488	160085488	+	G	-	-32	.	NA18861
ATP1A4	1	160121450	160121450	+	G	T	99	rs41288129	NA18489
CASQ1	1	160160195	160160195	+	G	A	-90	.	NA18489
PEX19	1	160255003	160255003	-	G	A	-62	rs12086288	NA18923
SUMO1P3	1	160286966	160286966	+	T	C	-89	rs78562513	NA19189
SUMO1P3	1	160287105	160287105	+	G	C	51	.	NA19114
SLAMF6	1	160493149	160493149	-	G	T	-97	.	NA18923
CD48	1	160681649	160681649	-	G	C	-8	.	NA18909
LY9	1	160765889	160765889	+	C	T	26	.	NA18501
ITLN2	1	160924647	160924647	-	C	T	-58	rs2252689	NA18907
NDUFS2	1	161171953	161171953	+	C	G	17	rs74124661	NA19108
APOA2	1	161193383	161193383	-	A	C	36	.	NA18517
FCGR3B	1	161601222	161601222	-	C	T	31	rs115692435	NA19189
FCGR3B	1	161601323	161601323	-	C	T	-71	rs74127078	NA18907
FCRLB	1	161692468	161692468	+	G	C	26	rs144510290	NA18923
MIR556	1	162312248	162312248	+	A	-	-88	rs35182246	NA18523
RGS4	1	163039133	163039133	+	C	T	90	rs147943921	NA19235
LRR52	1	165513417	165513417	+	A	G	-61	rs7539622	NA18517
LRR52	1	165513440	165513440	+	G	A	-38	rs56910376	NA19207
LOC440700	1	165667980	165667980	+	C	T	-7	rs4646881	NA19236
LOC1001477	1	165738183	165738183	+	G	C	18	rs73014658	NA18916
CD247	1	167487768	167487768	-	G	A	80	rs200663835	NA19116
SFT2D2	1	168195265	168195265	+	C	G	11	rs138834549	NA19107
LOC1005059	1	168391852	168391852	-	T	A	43	rs858111	NA18489
F5	1	169555819	169555819	-	C	T	-50	rs9332484	NA19116
SELL	1	169677982	169677982	-	A	T	16	rs114442204	NA19236
GORAB	1	170501273	170501273	+	G	T	11	rs79983292	NA19189
PRRX1	1	170633248	170633248	+	-	TCTCT	-65	.	NA18523
PRRX1	1	170633250	170633250	+	A	T	-63	.	NA18523

PRRX1	1	170633253	170633254	+	AC	-	-60	.	NA18523
PRRX1	1	170633256	170633256	+	C	T	-57	.	NA18523
PRRX1	1	170633258	170633258	+	C	T	-55	.	NA18523
PRRX1	1	170633259	170633259	+	C	G	-54	rs372419589	NA19129
PRRX1	1	170633263	170633263	+	T	C	-50	.	NA18523
PRRX1	1	170633347	170633347	+	G	C	35	rs79715821	NA18511
VAMP4	1	171711428	171711428	-	G	A	-49	rs142428122	NA18517
METTL13	1	171750854	171750854	+	C	G	94	rs2294718	NA18523
SUCO	1	172501552	172501552	+	A	G	64	rs147229107	NA18864
CENPL	1	173793292	173793292	-	T	C	-22	rs201553829	NA19147
SNORD47	1	173833656	173833656	-	T	A	-73	rs114205122	NA18501
SNORD80	1	173834078	173834078	-	G	A	-37	rs149094308	NA19207
SNORD79	1	173834585	173834585	-	C	T	-17	rs374111737	NA19198
SNORD79	1	173834605	173834605	-	G	A	-37	rs2235095	NA19207
SNORD79	1	173834632	173834632	-	G	A	-64	rs6790	NA19207
SNORD44	1	173835226	173835226	-	G	A	-60	rs16846493	NA18501
SNORD76	1	173835791	173835791	-	G	T	63	rs186955787	NA18501
SNORD74	1	173836889	173836889	-	G	A	-6	rs116541946	NA18501
GAS5	1	173837051	173837051	-	G	A	75	rs75315904	NA19207
GPR52	1	174417175	174417175	+	C	T	-37	rs187031600	NA18486
RABGAP1L	1	174769116	174769116	+	A	T	82	rs185046317	NA18856
LOC1019287!	1	175846462	175846462	+	G	A	-17	rs496265	NA18856
LOC1019287!	1	175846463	175846463	+	A	C	-16	rs524684	NA18856
SCARNA3	1	175937749	175937749	-	A	G	-73	rs114259741	NA19235
NPHS2	1	179545050	179545050	-	C	A	38	rs12406197	NA19116
FLJ23867	1	180167090	180167090	+	C	T	-54	rs7597	NA19114
LHX4	1	180199493	180199493	+	A	G	61	rs376657735	NA18517
OVAAL	1	180528085	180528085	+	T	C	-25	rs4651069	NA18856
XPR1	1	180601206	180601206	+	G	A	61	rs116042397	NA19236
TEDDM1	1	182369760	182369760	-	T	C	-9	rs147136858	NA19147
TEDDM1	1	182369786	182369786	-	G	A	-35	rs79534024	NA19207
RGS8	1	182642081	182642081	-	G	A	-14	rs148554497	NA18523
NCF2	1	183559708	183559709	-	AG	-	32	.	NA18517
ARPC5	1	183605035	183605035	-	G	A	42	rs112313734	NA18909
TSEN15	1	184020849	184020849	+	C	A	65	rs61738771	NA18916
LINC01350	1	185597638	185597638	-	G	A	-18	rs74133218	NA19116
HMCN1	1	185703775	185703775	+	C	A	93	rs190050934	NA18507
LINC01351	1	190447307	190447307	+	C	T	-83	rs148749860	NA19236
RGS1	1	192544927	192544927	+	G	T	71	rs140779829	NA19116
GLRX2	1	193074638	193074638	-	G	A	-30	rs374740662	NA19236
C1orf53	1	197871771	197871771	+	G	T	90	rs187866458	NA19236

LHX9	1	197881561	197881561	+	A	T	-74	rs113259014	NA19107
LHX9	1	197881648	197881648	+	C	A	14	rs200719762	NA18861
LHX9	1	197881691	197881691	+	T	G	57	rs200877341	NA18923
PTPRC	1	198608163	198608163	+	C	T	66	rs141336698	NA18916
GPR25	1	200842110	200842110	+	G	A	28	rs968497	NA18909
ASCL5	1	201084589	201084589	-	A	G	-89	rs80231714	NA19236
CSRP1	1	201465737	201465737	-	G	A	-36	rs55728724	NA18856
IPO9	1	201798363	201798363	+	C	T	76	.	NA19108
MIR6739	1	201832497	201832497	+	G	A	-4	rs193220138	NA18923
PPP1R12B	1	202509309	202509309	+	T	C	68	rs185805429	NA18923
CYB5R1	1	202936456	202936456	-	G	C	-52	rs12137082	NA19147
MYOG	1	203055177	203055177	-	C	T	-11	rs181407959	NA18909
SNORA77	1	203698673	203698674	+	AA	-	-36	.	NA19236
LINC00260	1	203699716	203699716	+	C	T	12	rs12410036	NA18907
LINC00260	1	203699772	203699772	+	T	C	68	rs75291919	NA19147
LOC1019294	1	204110547	204110547	+	C	T	12	rs3737657	NA19225
REN	1	204135413	204135413	-	T	A	53	rs5704	NA19108
RBBP5	1	205091074	205091074	-	C	A	77	rs11240362	NA18507
NUAK2	1	205290873	205290873	-	C	T	47	rs112170086	NA18486
MIR135B	1	205417560	205417560	-	C	T	-34	rs116479595	NA19189
RAB29	1	205744546	205744546	-	C	A	65	rs823144	NA19236
AVPR1B	1	206224262	206224262	+	C	T	-21	rs35916129	NA18517
SRGAP2	1	206516166	206516166	+	A	G	-34	rs60531187	NA19116
MIR6769B	1	206648077	206648077	+	A	G	-69	rs138559902	NA19116
RASSF5	1	206680928	206680928	+	A	G	66	rs199916734	NA18486
IL19	1	206972131	206972131	+	G	A	-84	rs115311781	NA18864
IL19	1	206972209	206972209	+	G	A	-6	rs116126622	NA19114
IL19	1	206972307	206972307	+	A	C	93	rs76513170	NA19114
FAIM3	1	207095192	207095192	-	A	C	44	rs114123219	NA18501
C4BPB	1	207262611	207262611	+	A	G	-17	rs17020462	NA18864
CR1L	1	207818422	207818422	+	G	A	-36	rs3738469	NA18907
CR1L	1	207818547	207818547	+	C	T	90	rs200786262	NA18523
MIR29B2	1	207975893	207975893	-	-	GGAGATTCA	-25	.	NA19198
MIR4260	1	209796922	209796922	-	G	A	-67	rs11555726	NA18916
KCNH1	1	211307473	211307473	-	C	A	-16	.	NA18507
RCOR3	1	211433266	211433266	+	-	C	-23	.	NA18517
NEK2	1	211848945	211848945	-	C	A	28	rs143985323	NA19189
INTS7	1	212209034	212209034	-	G	A	-32	rs17018373	NA19108
NSL1	1	212965099	212965099	+	C	T	41	rs200591774	NA18916
ANGEL2	1	213189205	213189205	-	T	C	13	rs114927833	NA18916
KCNK2	1	215256544	215256544	+	-	T	-16	.	NA18517

KCNK2	1	215256547	215256547	+	G	C	-13	.	NA18864
GPATCH2	1	217804445	217804445	-	C	A	-1	rs114816734	NA19189
SPATA17	1	217804687	217804687	+	G	A	22	rs146265748	NA19129
LYPLAL1	1	219347230	219347230	+	G	A	58	rs376587635	NA18489
BROX	1	222886588	222886588	+	G	A	-75	rs3748631	NA18489
CAPN8	1	223853473	223853473	-	C	T	-37	rs41307690	NA18864
NVL	1	224517901	224517901	-	G	A	-10	rs370975305	NA19236
CNIH4	1	224544536	224544536	+	G	A	24	rs114198263	NA18507
SDE2	1	226187161	226187161	-	C	G	-95	.	NA19116
PARP1	1	226595715	226595715	-	A	C	87	.	NA19225
PRSS38	1	228003323	228003323	+	G	T	-95	rs183044793	NA18486
C1orf35	1	228291102	228291102	-	C	T	62	rs79359618	NA19147
HIST3H3	1	228613030	228613030	-	T	A	-4	rs199603549	NA19198
HIST3H2A	1	228645522	228645522	-	C	T	39	rs201380350	NA19207
HIST3H2A	1	228645578	228645578	-	A	G	-18	.	NA19207
HIST3H2BB	1	228645807	228645808	+	TC	-	-1	rs376205614	NA19207
LOC10192761	1	231010624	231010624	+	C	T	33	rs1202590	NA19236
MIR1182	1	231155737	231155737	-	C	T	-67	rs61740910	NA19147
C1orf131	1	231377004	231377004	+	C	T	-71	.	NA18501
EGLN1	1	231560775	231560775	-	-	T	16	rs111995599	NA18856
TSNAX	1	231664471	231664471	+	C	T	73	.	NA19189
MAP10	1	232940683	232940683	+	C	G	46	rs12092514	NA18923
TARBP1	1	234614871	234614871	-	G	A	-22	rs12081238	NA19116
SNORA14B	1	235291318	235291318	-	C	T	-66	rs151296495	NA19198
B3GALNT2	1	235667690	235667690	-	A	G	92	rs291348	NA18907
MT1HL1	1	237167691	237167691	-	C	T	28	.	NA18489
MT1HL1	1	237167694	237167694	-	C	A	25	.	NA18489
MT1HL1	1	237167743	237167743	-	T	A	-25	.	NA18489
CHRM3-AS1	1	240063210	240063210	-	G	C	-38	rs72760740	NA18856
FMN2	1	240255124	240255124	+	G	A	-61	rs367804503	NA18907
MIR1273E	1	240640366	240640366	+	G	A	-43	rs12079262	NA18856
KMO	1	241695350	241695350	+	A	C	-84	rs3765801	NA19129
MAP1LC3C	1	242162342	242162342	-	-	A	44	.	NA18507
AKT3	1	244006909	244006909	-	G	A	-23	rs181308821	NA18523
OR2W3	1	248058928	248058928	+	C	T	40	rs147416022	NA18511
OR2L13	1	248100333	248100333	+	G	A	3	rs6701018	NA18489
OR2L8	1	248112134	248112134	+	T	G	-26	rs187754853	NA19198
OR2AK2	1	248128590	248128590	+	G	A	-44	rs74153214	NA19107
OR2AK2	1	248128722	248128722	+	T	C	89	rs41304159	NA18501
OR2AK2	1	248128725	248128725	+	G	A	92	rs74153215	NA19107
OR2L1P	1	248153665	248153665	+	G	A	97	rs74155865	NA19107

OR2L5	1	248185214	248185214	+	T	G	-36	rs73141315	NA18864
OR2L2	1	248201390	248201394	+	TAAAT	-	-84	.	NA18864
OR2M2	1	248343320	248343320	+	C	T	33	rs144481353	NA18507
OR2M2	1	248343349	248343349	+	-	C	62	rs34678055	NA18507
OR2M2	1	248343356	248343356	+	A	-	69	rs372848803	NA18507
OR2M2	1	248343362	248343362	+	G	C	75	rs145713159	NA18507
OR2T33	1	248437032	248437032	-	C	G	85	rs150714820	NA18489
OR2T4	1	248524957	248524957	+	C	T	75	rs148508414	NA19107
OR2T5	1	248651867	248651867	+	C	A	-23	rs35071334	NA19114
OR2T5	1	248651945	248651945	+	T	C	56	rs144019369	NA18511
OR2T29	1	248722737	248722737	-	A	G	56	rs373760458	NA18511
OR2T11	1	248790440	248790440	-	C	T	-11	rs201175800	NA18486
OR2T35	1	248802554	248802554	-	G	A	6	rs201804394	NA18523
OR2T27	1	248814235	248814235	-	G	A	-50	.	NA19108
LYPD8	1	248903180	248903180	-	C	T	-29	rs73148524	NA19236
PITRM1	10	3214996	3214996	-	C	-	38	rs34460808	NA18864
AKR1C1	10	5005549	5005549	+	G	C	96	rs7069696	NA18856
AKR1C3	10	5136551	5136551	+	G	T	-17	rs28943578	NA18907
KIN	10	7829960	7829960	-	C	T	31	rs187556202	NA19189
CELF2	10	11047219	11047228	+	iAGAGAGAG	-	-40	.	NA18864
NUDT5	10	12238217	12238217	-	G	A	-74	rs200043765	NA19116
PHYH	10	13341836	13341836	-	G	C	-90	rs511959	NA18511
PRPF18	10	13628890	13628890	+	G	A	-49	rs150504916	NA19207
SUV39H2	10	14920943	14920943	+	G	A	45	rs184647815	NA19116
RPP38	10	15139081	15139081	+	C	A	-98	rs3814173	NA18517
CUBN	10	17171907	17171907	-	G	C	-91	rs11254386	NA19116
STAM	10	17686041	17686041	+	A	-	-83	rs57796943	NA19225
ARL5B	10	18948381	18948381	+	T	-	69	rs11351290	NA19147
MALRD1	10	19337740	19337740	+	A	G	41	rs11008290	NA18489
C10orf113	10	21435393	21435393	-	T	C	96	rs114401575	NA19108
MLLT10	10	21823494	21823494	+	C	T	-80	.	NA18907
PRTFDC1	10	25241519	25241519	-	-	iGAAGGGAA	55	.	NA18523
ENKUR	10	25305155	25305155	-	C	T	-70	rs79057317	NA19225
ENKUR	10	25351196	25351196	-	C	T	13	rs902906	NA18856
GPR158	10	25464317	25464317	+	C	T	28	rs371327078	NA18907
ABI1	10	27149973	27149973	-	G	A	44	rs187428985	NA19189
ANKRD26	10	27389395	27389395	-	G	C	33	rs41299222	NA19235
ARMC4	10	28270909	28270909	-	A	G	-63	rs12779067	NA18507
WAC-AS1	10	28821216	28821216	-	G	A	68	rs2807761	NA19236
C10orf126	10	29135359	29135359	+	G	T	23	rs787338	NA18517
MIR938	10	29891260	29891260	-	C	T	16	rs12416605	NA18489

MIR938	10	29891296	29891296	-	A	C	-21	.	NA19235
MTPAP	10	30638288	30638288	-	G	A	-21	.	NA18916
LYZL2	10	30918729	30918729	-	G	A	-82	rs369706911	NA18517
PARD3-AS1	10	35104646	35104646	+	T	C	-50	rs3824587	NA18489
ZNF37A	10	38383281	38383281	+	T	-	18	rs66842526	NA19236
ZNF37A	10	38383286	38383286	+	G	C	23	rs371424835	NA19236
ZNF37A	10	38383288	38383288	+	C	A	25	rs377219439	NA19236
LINC01264	10	43476922	43476922	-	C	T	34	rs947691	NA19108
ZNF239	10	44063812	44063812	-	T	C	96	rs2393938	NA19108
ZNF485	10	44101913	44101913	+	G	C	59	rs12261830	NA18486
ALOX5	10	45869669	45869669	+	C	T	46	rs78137087	NA19189
HNRNPA1P3	10	47133858	47133858	-	C	T	-22	.	NA19236
ANTXRLP1	10	47640757	47640757	-	T	C	88	rs11259762	NA19236
ANTXRL	10	47658162	47658162	+	A	G	-71	rs12571282	NA19236
FAM25BP	10	47740308	47740308	+	T	C	5	rs61842902	NA18864
ANXA8L1	10	47746812	47746812	+	C	T	-38	.	NA18916
CTGLF12P	10	49239622	49239622	-	C	T	37	.	NA18856
CTGLF12P	10	49239674	49239674	-	A	G	-16	rs76326712	NA18517
FRMPD2	10	49482891	49482891	-	C	T	51	.	NA18507
C10orf128	10	50396346	50396346	-	G	A	100	rs374627950	NA18864
PGBD3	10	50732331	50732331	-	T	C	-4	rs56089364	NA19129
FAM21A	10	51827612	51827612	+	G	C	-36	rs57052909	NA19236
FAM21A	10	51827726	51827726	+	G	A	79	rs114923840	NA19236
PRKG1	10	52834321	52834321	+	A	G	88	rs199796018	NA19108
ZWINT	10	58121032	58121032	-	A	G	3	rs11005329	NA18864
RHOBTB1	10	62760742	62760742	-	C	T	-6	rs10994607	NA19236
C10orf107	10	63422768	63422768	+	-	A	50	rs11269470	NA19236
C10orf107	10	63422771	63422771	+	-	CC	53	.	NA19236
C10orf107	10	63422772	63422772	+	A	G	54	.	NA19236
EGR2	10	64578982	64578982	-	G	T	-55	rs648746	NA19236
EGR2	10	64578984	64578984	-	G	A	-57	rs648748	NA19236
ANXA2P3	10	66585343	66585343	+	C	T	59	rs149959705	NA19189
DNA2	10	70231781	70231781	-	C	G	-51	rs181429046	NA18501
MIR1254-1	10	70519173	70519176	+	AAAT	-	99	rs144478084	NA19236
DDX21	10	70715862	70715862	+	-	C	-17	.	NA19107
DDX21	10	70715978	70715978	+	-	T	100	rs142374509	NA19189
SRGN	10	70847918	70847918	+	T	C	91	rs115958601	NA18501
HKDC1	10	70980067	70980067	+	C	T	9	rs116394558	NA18517
HKDC1	10	70980113	70980113	+	G	A	55	rs76538079	NA18909
HK1	10	71078593	71078595	+	GGA	-	-10	.	NA18507
TSPAN15	10	71211274	71211274	+	T	G	49	.	NA19189

PPA1	10	71993241	71993241	-	C	A	-51	.	NA19129
PPA1	10	71993245	71993245	-	C	A	-55	.	NA19107
NODAL	10	72201405	72201405	-	G	T	61	.	NA19114
TBATA	10	72545168	72545168	-	C	T	-11	rs60949678	NA18517
UNC5B-AS1	10	72977964	72977964	-	A	G	22	rs115533662	NA18523
SLC29A3	10	73079004	73079004	+	C	T	-6	rs72542481	NA18501
PSAP	10	73610988	73610988	-	T	C	95	rs76455588	NA19225
AGAP5	10	75457569	75457569	-	C	A	-15	rs373623102	NA19189
AGAP5	10	75457574	75457574	-	C	T	-20	.	NA19189
AGAP5	10	75457578	75457578	-	T	C	-24	.	NA19189
AGAP5	10	75457589	75457589	-	G	A	-35	.	NA18916
AGAP5	10	75457604	75457604	-	T	C	-50	.	NA19189
AGAP5	10	75457611	75457611	-	G	T	-57	.	NA19189
AGAP5	10	75457619	75457619	-	-	G	-65	.	NA19189
AGAP5	10	75457620	75457620	-	C	T	-66	.	NA19189
AGAP5	10	75457629	75457629	-	C	T	-75	.	NA18864
BMS1P4	10	75490217	75490217	-	T	C	56	rs11814282	NA18923
DUPD1	10	76818207	76818207	-	C	T	66	rs12253329	NA19235
RPS24	10	79793551	79793551	+	A	G	34	rs3740254	NA19207
LOC1002889	10	81664697	81664697	+	C	T	44	rs139357822	NA18856
TMEM254	10	81838749	81838749	+	C	T	-30	rs185539955	NA19114
LRIT1	10	86001241	86001241	-	C	T	-24	rs201128603	NA18923
LRIT1	10	86001252	86001252	-	A	C	-35	rs367589458	NA18861
MIR346	10	88024598	88024598	-	C	T	-53	rs375694024	NA18864
MIR346	10	88024618	88024618	-	C	A	-73	rs144378787	NA19108
FAM25A	10	88780033	88780041	+	GTTGGGCC/	-	-13	rs372267800	NA18864
RNLS	10	90342987	90342987	-	G	T	96	rs112741258	NA19129
RNLS	10	90343131	90343131	-	G	C	-49	rs140037736	NA19147
FAS	10	90750198	90750198	+	C	A	-90	rs9658676	NA18517
IFIT2	10	91061724	91061724	+	G	A	19	rs148342150	NA18856
RPP30	10	92631736	92631736	+	A	T	28	rs200128377	NA19198
EXOC6	10	94594495	94594495	+	G	A	26	rs77134517	NA19108
PDE6C	10	95372324	95372324	+	A	C	-21	rs79102194	NA18489
LGI1	10	95517605	95517605	+	C	T	40	.	NA18507
LGI1	10	95517622	95517622	+	G	C	57	rs74150339	NA18923
NOC3L	10	96122822	96122822	-	C	A	-89	.	NA18507
HELLS	10	96305502	96305502	+	G	A	-22	rs116468355	NA18916
CYP2C9	10	96698440	96698440	+	A	G	26	rs114071557	NA19114
CYP2C8	10	96829292	96829292	-	T	G	-38	rs78041161	NA19114
ENTPD1	10	97515649	97515651	+	GAA	-	-24	rs142094913	NA18909
CC2D2B	10	97759798	97759798	+	T	G	-50	rs149398695	NA19225

ENTPD1-AS1	10	97850092	97850092	-	G	A	-100	rs114614929	NA18489
MIR607	10	98588440	98588440	-	A	G	82	rs192456466	NA19116
C10orf12	10	98741118	98741118	+	G	A	78	rs150728668	NA18486
RRP12	10	99161194	99161194	-	A	G	-67	.	NA18909
PYROXD2	10	100175066	100175066	-	G	A	-88	.	NA18486
HPSE2	10	100995655	100995655	-	T	-	-23	rs371809070	NA19116
CUTC	10	101491955	101491955	+	C	A	-3	rs139698647	NA19236
BLOC1S2	10	102046087	102046087	-	C	A	35	rs115065418	NA18861
HIF1AN	10	102295645	102295645	+	-	TT	5	.	NA18861
LZTS2	10	102756900	102756900	+	C	G	37	rs3740491	NA18501
DPCD	10	103348176	103348176	+	C	G	88	rs115375801	NA19129
ELOVL3	10	103986121	103986121	+	-	T	87	.	NA18923
CYP17A1	10	104597194	104597194	-	C	A	97	rs61754260	NA19107
RPEL1	10	105005678	105005678	+	G	A	35	rs369920444	NA19207
INA	10	105036907	105036907	+	G	T	-13	rs76287008	NA19116
MIR936	10	105807928	105807928	-	T	C	17	rs79924817	NA19189
MIR609	10	105978581	105978581	-	C	G	61	rs74154754	NA18907
LOC1019274	10	106083137	106083137	+	T	C	16	.	NA18498
RNU6-53P	10	110930421	110930421	+	T	C	7	rs73346492	NA19236
SMC3	10	112327513	112327513	+	C	T	65	rs183537656	NA19107
TECTB	10	114043371	114043371	+	T	C	-43	rs41313475	NA19189
MIR6715A	10	114059289	114059289	+	G	A	-81	rs143643685	NA19235
ACSL5	10	114135944	114135944	+	-	A	-12	.	NA18511
HABP2	10	115312719	115312719	+	T	A	-59	rs114903069	NA18523
HABP2	10	115312823	115312823	+	G	C	46	rs151205492	NA18907
PNLIPRP1	10	118350535	118350535	+	C	T	11	rs143444313	NA19116
SNORA19	10	120819697	120819697	-	A	-	-47	.	NA18498
SFXN4	10	120925153	120925153	-	G	A	52	rs150682528	NA18916
RGS10	10	121295958	121295958	-	G	A	88	rs138695204	NA18856
WDR11	10	122610657	122610657	+	T	C	-30	rs11199598	NA18861
C10orf120	10	124459283	124459283	-	G	A	56	rs148149968	NA18923
FAM175B	10	126490290	126490290	+	C	A	-64	rs186519499	NA18856
FAM175B	10	126490343	126490343	+	T	C	-11	rs374773441	NA18498
BCCIP	10	127512092	127512092	+	A	T	-12	rs145119956	NA19236
FANK1	10	127585011	127585011	+	C	G	-97	rs370315594	NA18907
FANK1	10	127585012	127585012	+	C	G	-96	rs77627869	NA18907
FANK1	10	127585033	127585033	+	C	T	-75	rs74537012	NA18907
FANK1	10	127585088	127585088	+	G	A	-20	.	NA19129
FANK1	10	127585132	127585132	+	C	T	25	.	NA19114
FANK1	10	127585152	127585152	+	C	T	45	rs150596260	NA19114
FANK1	10	127585186	127585186	+	C	A	79	rs3924377	NA19107

FANK1	10	127585190	127585190	+	G	A	83	.	NA18523
C10orf90	10	128209923	128209923	-	T	C	88	.	NA19129
CLRN3	10	129691178	129691178	-	C	G	34	rs116296074	NA18501
GLRX3	10	131934648	131934648	+	C	G	10	rs2274219	NA18511
LINC01164	10	133622572	133622572	-	C	T	-37	rs114308486	NA18489
DPYSL4	10	134000422	134000422	+	C	T	9	rs61865793	NA18864
FRG2B	10	135440308	135440309	-	TG	-	-9	.	NA18909
FRG2B	10	135440313	135440313	-	G	A	-14	.	NA18909
FRG2B	10	135440320	135440320	-	C	T	-21	rs35576251	NA18523
SCGB1C1	11	193051	193051	+	G	A	-29	rs144999256	NA18489
SCGB1C1	11	193113	193113	+	G	A	34	rs200059999	NA18923
ODF3	11	196791	196791	+	G	C	31	rs113200256	NA18856
BET1L	11	207382	207382	-	-	C	41	.	NA19236
BET1L	11	207384	207384	-	G	A	39	rs374402012	NA19236
MIR6743	11	209425	209425	+	G	C	90	rs61739386	NA18498
IFITM5	11	299617	299617	-	G	A	-91	rs61876235	NA19107
IFITM2	11	308009	308009	+	C	T	-98	rs112129494	NA18923
IFITM3	11	320848	320848	-	T	C	67	rs73398511	NA19207
IFITM3	11	321007	321007	-	G	A	-93	rs7943768	NA18856
IFITM3	11	321012	321012	-	G	A	-98	rs7943764	NA18856
RASSF7	11	561504	561504	+	T	C	55	rs7928340	NA18861
SLC25A22	11	797935	797935	-	C	G	61	rs112301644	NA19114
POLR2L	11	842529	842529	-	-	GCCCCG	0	.	NA19225
TSPAN4	11	844154	844154	+	G	T	74	rs55885142	NA19116
MIR6744	11	1277894	1277894	+	C	T	60	rs56310773	NA18489
KRTAP5-3	11	1629693	1629693	-	C	T	0	rs7129160	NA19225
KRTAP5-4	11	1643388	1643388	-	C	T	-20	rs186345980	NA18486
KRTAP5-4	11	1643444	1643444	-	C	G	-76	rs139668209	NA19235
FAM99B	11	1706937	1706937	-	C	G	-78	rs182574524	NA18523
HOTS	11	2016397	2016397	+	C	G	-10	rs116309118	NA19235
MIR483	11	2155475	2155475	-	C	T	-36	rs115976511	NA19147
INS	11	2182408	2182408	-	G	C	32	.	NA19129
CD81	11	2397456	2397456	+	G	-	50	rs56998103	NA19236
KCNQ1	11	2482650	2482650	+	G	A	-34	rs114463475	NA18523
KCNQ1	11	2482716	2482716	+	C	T	33	rs116537065	NA19114
KCNQ1	11	2482779	2482779	+	C	T	96	rs187211665	NA18507
SNORA54	11	2985073	2985073	-	G	A	51	rs10488672	NA18916
MRGPRG	11	3240095	3240095	-	A	G	-52	rs149428928	NA18864
TRPC2	11	3647602	3647602	+	C	T	-88	rs61878477	NA19108
TRPC2	11	3647603	3647603	+	G	A	-87	rs188609385	NA18856
CHRNA10	11	3692697	3692697	-	C	T	-83	rs2231535	NA18856

LOC10050601	11	4208464	4208464	+	C	G	83	rs11826292	NA19116
OR52M1	11	4566446	4566446	+	C	T	26	rs7112010	NA19107
OR52M1	11	4566460	4566460	+	T	-	40	rs77893620	NA18916
OR52M1	11	4566515	4566515	+	C	A	95	rs116718999	NA18907
OR51F2	11	4842579	4842579	+	T	A	-37	rs150686194	NA19189
OR51A7	11	4928579	4928579	+	C	T	-21	rs112146430	NA19235
OR51G1	11	4945631	4945631	-	G	A	-62	rs10836955	NA18507
OR51A4	11	4968366	4968366	-	-	TACACC	-36	.	NA19114
OR51A4	11	4968368	4968368	-	-	AC	-38	.	NA19114
OR51A2	11	4976935	4976935	-	A	G	9	rs78255170	NA18517
MMP26	11	5009388	5009388	+	A	T	-36	rs188606952	NA18498
OR52E2	11	5080771	5080771	-	G	A	87	rs116709433	NA18498
HBG2	11	5276064	5276064	-	G	A	-53	.	NA18511
OR51B4	11	5323175	5323175	-	A	G	2	rs113985785	NA18861
OR51M1	11	5410646	5410646	+	G	T	40	rs116535306	NA18501
OR51Q1	11	5443315	5443315	+	A	G	-26	rs188614819	NA19147
OR52B6	11	5602057	5602057	+	A	T	-50	rs150439057	NA18498
OR52N1	11	5809990	5809990	-	G	A	57	rs11039038	NA19189
OR52N2	11	5841616	5841616	+	T	C	51	rs114368101	NA19108
OR52E6	11	5863096	5863096	-	-	TA	32	.	NA19108
OR52E6	11	5863100	5863100	-	G	A	28	rs200523283	NA19108
OR56A5	11	5989686	5989686	-	A	G	39	rs74053258	NA18523
OR56A4	11	6024308	6024308	-	G	A	71	rs116472611	NA19114
OR52W1	11	6220433	6220433	+	T	C	-21	rs150204143	NA18511
C11orf42	11	6226790	6226790	+	C	T	-8	.	NA19235
CCKBR	11	6280901	6280901	+	G	A	-3	.	NA18907
CCKBR	11	6280990	6280990	+	C	-	87	rs200071594	NA18864
CCKBR	11	6280991	6280991	+	G	A	88	.	NA18864
RRP8	11	6624792	6624792	-	C	A	89	rs1506970	NA18517
MRPL17	11	6704671	6704671	-	G	A	-39	rs114852332	NA19114
OR10A5	11	6866999	6866999	+	T	C	86	rs79956310	NA18517
CYB5R2	11	7694854	7694854	-	A	G	-25	rs4237758	NA18498
OVCH2	11	7727872	7727872	-	T	C	70	rs12289558	NA18501
OR10A6	11	7950141	7950141	-	G	A	69	rs138970946	NA19114
NLRP10	11	7985128	7985128	-	C	A	-69	rs148036765	NA18856
EIF3F	11	8008954	8008954	+	C	T	88	rs139608264	NA18501
RIC3	11	8190544	8190544	-	C	A	47	rs369218081	NA19198
RIC3	11	8190592	8190592	-	G	A	-2	rs190800207	NA18517
RPL27A	11	8704038	8704038	+	C	T	44	rs76178622	NA18511
MIR5691	11	9112020	9112020	-	T	A	-94	rs7484187	NA19147
LOC440028	11	9781021	9781021	-	G	A	60	rs11828748	NA18856

AMPD3	11	10471785	10471808	+	TGTGTGTGT	-	-83	.	NA18507
INSC	11	15170743	15170743	+	G	A	96	rs138418543	NA18511
SOX6	11	16424314	16424314	-	A	G	100	rs12279471	NA18856
PIK3C2A	11	17191351	17191351	-	G	A	4	.	NA19147
PIK3C2A	11	17191373	17191373	-	T	C	-19	rs150910454	NA19207
PIK3C2A	11	17191422	17191422	-	C	-	-68	.	NA18864
USH1C	11	17565914	17565914	-	A	G	50	rs371444878	NA19116
LOC494141	11	18230910	18230910	+	G	C	79	rs77075828	NA18909
LDHA	11	18417766	18417766	+	G	C	-47	rs114901827	NA18856
LDHC	11	18433904	18433904	+	C	T	52	rs76643422	NA18861
UEVLD	11	18610389	18610389	-	C	T	-96	.	NA18916
HTATIP2	11	20385620	20385620	+	C	T	-67	rs79794774	NA18523
PRMT3	11	20409155	20409155	+	A	C	80	rs114151403	NA18861
NELL1	11	20691093	20691093	+	G	T	-4	.	NA19147
NELL1	11	20691186	20691186	+	C	T	90	.	NA19147
ANO5	11	22214778	22214778	+	A	C	57	rs114897158	NA18907
SVIP	11	22851322	22851322	-	G	C	61	rs111406577	NA18501
SVIP	11	22851409	22851409	-	A	G	-27	rs2286810	NA18501
ANO3	11	26353643	26353643	+	T	A	-35	rs1531394	NA19108
ANO3	11	26353680	26353680	+	G	A	3	rs114059269	NA18523
ANO3	11	26353769	26353769	+	C	T	92	rs149195780	NA19235
CCDC34	11	27384726	27384726	-	G	A	70	rs200819278	NA19108
LIN7C	11	27528256	27528256	-	C	T	71	rs139273111	NA18511
LIN7C	11	27528343	27528343	+	G	A	-17	rs146009715	NA18498
MIR610	11	28078303	28078303	+	A	T	-59	rs115453012	NA18511
MPPED2	11	30602049	30602049	-	A	-	-9	.	NA18916
EIF3M	11	32605355	32605355	+	C	T	43	rs191211838	NA18523
EIF3M	11	32605400	32605400	+	C	T	88	rs113415019	NA18907
DEPDC7	11	33037501	33037501	+	C	T	92	rs115832789	NA18856
KIAA1549L	11	33563967	33563967	+	C	T	91	rs77371724	NA18856
FBXO3	11	33796080	33796080	-	C	G	-9	rs71480984	NA19225
LOC10331211	11	38667899	38667899	-	G	A	8	rs1552113	NA19236
LINC01493	11	38670343	38670343	+	T	C	-65	rs1383741	NA18856
ACCSL	11	44069589	44069589	+	G	A	59	rs3094398	NA18501
TP53I11	11	44971762	44971762	-	C	A	-3	rs150346741	NA19236
TP53I11	11	44972930	44972930	-	C	T	-73	rs76585125	NA19236
CRY2	11	45868997	45868997	+	G	T	41	rs201757402	NA19236
ARHGAP1	11	46722221	46722221	+	T	C	-6	rs7932354	NA19236
ZNF408	11	46722561	46722561	+	A	C	-83	rs73454037	NA18489
F2	11	46740749	46740749	+	A	T	7	rs184828110	NA19116
SNORD67	11	46784015	46784015	-	A	C	35	rs138529083	NA18523

MIR6745	11	47201367	47201367	-	C	T	-79	rs114991515	NA19108
CELF1	11	47545522	47545522	-	T	C	19	rs150606320	NA18507
OR4S1	11	48327841	48327841	+	C	T	67	rs61745904	NA19225
OR4C45	11	48373946	48373946	-	C	A	54	rs12797020	NA18864
TRIM49B	11	49053152	49053152	+	A	G	1	rs181415072	NA18916
TRIM64C	11	49080590	49080590	-	-	GGGTCTATC	75	.	NA18507
OR4C13	11	49973938	49973938	+	C	A	-5	rs201235633	NA18861
OR4A5	11	51412362	51412362	-	G	A	87	rs112770088	NA18523
OR4A5	11	51412408	51412408	-	A	G	41	rs111720413	NA18523
OR4A5	11	51412496	51412496	-	G	A	-48	rs112280510	NA18907
OR4C46	11	51515183	51515183	+	T	C	-99	rs61890418	NA18523
OR4A15	11	55135302	55135302	+	G	T	-58	.	NA18907
OR5D13	11	55540920	55540920	+	G	A	7	rs202107795	NA18916
OR5L1	11	55579013	55579013	+	G	C	71	rs200249696	NA18489
OR5W2	11	55682147	55682147	-	T	A	-89	rs192434321	NA18907
OR8I2	11	55860710	55860710	+	C	T	-74	.	NA18523
OR8H2	11	55872467	55872467	+	C	T	-52	.	NA18861
OR5T3	11	56019580	56019580	+	A	G	-96	rs140546007	NA18861
OR5R1	11	56185643	56185643	-	C	T	66	rs146882008	NA19236
OR5R1	11	56185647	56185647	-	G	A	62	rs79636066	NA18523
OR5AR1	11	56431245	56431245	+	C	T	84	rs146998954	NA18507
MED19	11	57479724	57479724	-	-	C	-51	.	NA19129
TMX2	11	57480069	57480069	+	A	G	75	rs201717980	NA18517
OR9Q2	11	57957992	57957992	+	G	A	87	rs116035822	NA18507
OR1S2	11	57971675	57971675	-	A	G	-22	rs116330358	NA19107
OR1S1	11	57982225	57982225	+	T	A	9	rs112576343	NA18501
GLYATL2	11	58611994	58611994	-	C	T	4	rs1943282	NA18856
MPEG1	11	58980549	58980549	-	A	G	-55	rs6591509	NA18923
OR5A2	11	59190351	59190353	-	TCT	-	76	.	NA19198
OR4D11	11	59271100	59271103	+	ACTC	-	52	rs367593673	NA18523
MRPL16	11	59578415	59578415	-	C	G	-70	rs78598477	NA19108
GIF	11	59613029	59613029	-	T	C	-55	.	NA19236
TCN1	11	59634001	59634001	-	G	T	41	rs144929420	NA19236
TCN1	11	59634089	59634089	-	G	A	-48	rs74421820	NA19116
TCN1	11	59634120	59634120	-	G	A	-79	.	NA18523
MS4A2	11	59856049	59856049	+	G	A	-88	rs116816992	NA19147
MS4A15	11	60524409	60524409	+	T	C	70	rs112434970	NA19116
PGA3	11	60970894	60970894	+	C	T	-73	.	NA19114
PGA3	11	60970927	60970927	+	A	C	-40	rs376652556	NA18517
PGA3	11	60971024	60971024	+	C	T	58	rs368750894	NA18517
PGA3	11	60971027	60971027	+	G	A	61	rs373139279	NA18517

DDB1	11	61100740	61100740	+	G	A	-56	rs3892885	NA18864
SCGB2A1	11	61976123	61976123	+	G	A	-17	rs184690513	NA18501
SCGB1D2	11	62009768	62009768	+	A	G	45	rs112301264	NA19129
SCGB2A2	11	62037613	62037613	+	G	C	-14	.	NA19235
SCGB1A1	11	62186582	62186582	+	C	-	76	rs200870426	NA19198
EEF1G	11	62341463	62341463	-	G	T	-3	.	NA18486
METTL12	11	62432784	62432784	+	C	T	6	rs73502133	NA19235
ZBTB3	11	62521651	62521652	-	AG	-	6	rs371901613	NA19147
TMEM223	11	62559427	62559427	-	C	T	60	rs182678917	NA18486
NXF1	11	62572903	62572903	-	G	A	62	rs75592862	NA19147
SNORD28	11	62622259	62622259	-	T	G	-92	.	NA18498
SNORD26	11	62622778	62622779	-	TC	-	61	rs147099194	NA18486
SNORD26	11	62622930	62622930	-	G	C	-92	rs150090081	NA18498
SNHG1	11	62623333	62623333	-	T	C	28	rs116277175	NA18498
KCNK4	11	64058822	64058822	+	A	G	30	rs2232410	NA18856
MIR1237	11	64136102	64136102	+	G	C	29	rs200685995	NA18489
SF1	11	64546257	64546257	-	C	G	60	rs1633462	NA18507
MEN1	11	64578295	64578295	-	A	T	-82	rs650277	NA19236
BATF2	11	64757664	64757664	-	C	T	86	rs4084085	NA19236
BATF2	11	64764491	64764491	-	G	A	27	rs184793613	NA18861
BATF2	11	64764569	64764569	-	C	G	-52	rs113283254	NA18907
SNX15	11	64794889	64794889	+	C	T	10	rs79500752	NA18507
SNX15	11	64794898	64794898	+	G	C	19	.	NA19114
NAALADL1	11	64825946	64825946	-	G	A	64	rs146993201	NA18511
MIR6751	11	64897455	64897456	-	AG	-	-5	.	NA18909
MIR6751	11	64897482	64897482	-	G	A	-32	rs114002216	NA18856
SLC25A45	11	65149906	65149906	-	T	G	-49	rs557777	NA18489
NEAT1	11	65190228	65190228	+	G	C	-41	.	NA18909
MALAT1	11	65265161	65265161	+	C	G	-72	rs184588683	NA19236
SSSCA1-AS1	11	65337861	65337861	+	C	G	24	rs114517993	NA18864
SSSCA1	11	65337991	65337991	+	T	C	62	rs7940495	NA19116
PCNXL3	11	65383755	65383755	+	G	T	-28	rs58950470	NA19235
PCNXL3	11	65383881	65383881	+	C	T	99	rs144508348	NA18486
FIBP	11	65656036	65656036	-	G	C	-26	rs34359217	NA18517
RAB1B	11	66036141	66036141	+	C	T	86	rs199656742	NA19114
RAD9A	11	67160750	67160750	+	-	A	-26	.	NA18523
PTPRCAP	11	67205216	67205216	-	A	C	-63	.	NA18861
GPR152	11	67220243	67220243	-	T	G	-43	rs201087097	NA19235
MIR4691	11	67801282	67801282	+	C	T	-82	rs3133267	NA18489
MIR6753	11	67812164	67812164	+	C	T	-97	rs78249208	NA19189
MRPL21	11	68671205	68671205	-	G	A	99	rs138824749	NA18856

MRPL21	11	68671277	68671277	+	A	G	27	rs186971044	NA19207
MRGPRD	11	68748380	68748380	-	C	T	76	rs7926571	NA19189
CCND1	11	69455949	69455949	+	G	A	77	rs114749527	NA19147
SHANK2-AS3	11	70708851	70708851	+	G	A	-44	rs73534050	NA18498
SHANK2-AS3	11	70708920	70708920	+	C	A	26	rs73534053	NA18498
NADSYN1	11	71164281	71164281	+	C	T	65	rs59175285	NA19116
KRTAP5-11	11	71293892	71293892	-	C	A	30	rs75907819	NA19225
FAM86C1	11	71498461	71498461	+	-	CTCTCCTCC	-96	rs202113647	NA18907
FAM86C1	11	71498569	71498569	+	G	A	13	rs189648565	NA18916
FAM86C1	11	71498648	71498648	+	A	G	92	rs12277291	NA18486
DEFB108B	11	71544285	71544285	+	A	G	40	rs140045460	NA18507
FOLR3	11	71846719	71846719	+	G	T	-52	rs61889220	NA19116
FOLR1	11	71903156	71903156	+	T	C	-17	rs188649911	NA18923
CLPB	11	72145635	72145635	-	C	A	90	rs117104239	NA18909
P2RY6	11	72976372	72976372	+	T	C	92	rs11235703	NA19107
COA4	11	73587891	73587891	-	C	T	-1	rs148117364	NA19129
COA4	11	73587935	73587935	+	G	A	-45	rs78960781	NA18916
PAAF1	11	73588030	73588030	+	G	A	17	rs141282994	NA19107
POLD3	11	74303562	74303562	+	T	C	-13	rs113473134	NA19147
POLD3	11	74303627	74303627	+	A	T	-23	rs77336207	NA18507
POLD3	11	74303646	74303646	+	G	T	-4	.	NA18501
POLD3	11	74303686	74303686	+	T	G	37	.	NA18501
RPS3	11	75110575	75110575	+	C	T	41	rs17881757	NA18909
RPS3	11	75110589	75110589	+	A	G	55	rs3133187	NA19235
MOGAT2	11	75428928	75428928	+	G	A	-6	rs190752002	NA18511
DGAT2	11	75479864	75479864	+	C	T	87	rs7934862	NA18523
OMP	11	76813968	76813968	+	G	A	83	rs2233547	NA18864
INTS4	11	77705734	77705734	-	-	G	-17	rs3832725	NA19116
KCTD14	11	77734371	77734371	-	G	A	-51	rs12420553	NA18856
THRSP	11	77774885	77774885	+	G	A	-22	rs184976702	NA19108
KCTD21-AS1	11	77850824	77850824	+	C	T	-15	rs2156785	NA19107
KCTD21-AS1	11	77850888	77850888	+	G	A	50	rs116228397	NA19114
GAB2	11	78052882	78052882	-	C	G	45	rs56278954	NA18856
CTSC	11	88070902	88070902	-	G	A	40	rs139541967	NA19189
CTSC	11	88070916	88070916	-	G	C	26	rs116784932	NA18916
FOLH1B	11	89392394	89392394	+	T	C	-71	rs187738813	NA19147
UBTFL1	11	89819079	89819079	+	A	G	-39	.	NA18489
CCDC67	11	93063925	93063925	+	G	A	43	rs80119865	NA19236
SNORA25	11	93463726	93463726	-	-	AG	87	rs34898352	NA19236
SNORA18	11	93466784	93466784	-	T	A	-21	rs192262386	NA18486
MIR548L	11	94199658	94199658	-	C	T	89	rs12281781	NA18498

LOC1001292l	11	94963261	94963261	+	C	G	-89	rs11021092	NA18856
CEP57	11	95523634	95523634	+	G	C	10	.	NA19114
MAML2	11	96076289	96076289	-	G	C	56	rs11021542	NA19236
C11orf70	11	101918208	101918208	+	A	G	40	rs114055321	NA18861
BIRC2	11	102218193	102218193	+	-	C	89	rs5794168	NA19236
MMP27	11	102576532	102576532	-	T	C	-64	rs368955782	NA18489
CASP4	11	104839319	104839319	-	T	C	7	rs115796900	NA19225
CASP4	11	104839336	104839336	-	C	T	-11	.	NA18501
CASP4	11	104839386	104839386	-	C	G	-61	.	NA18523
CASP5	11	104893815	104893815	-	C	A	81	rs114585661	NA18864
CARD17	11	104972256	104972256	-	G	A	-98	.	NA19147
MSANTD4	11	105892960	105892960	-	G	T	-6	rs192460292	NA18907
KBTBD3	11	105948400	105948400	-	A	G	66	rs201501289	NA19108
LOC1019285l	11	106120834	106120834	+	C	T	89	rs75509155	NA18856
ACAT1	11	107992319	107992319	+	C	G	62	rs113348145	NA18517
NPAT	11	108093338	108093338	-	C	T	28	rs184150429	NA18498
EXPH5	11	108464388	108464388	-	T	C	-14	rs139303787	NA18856
DDX10	11	108535736	108535736	+	C	A	-16	.	NA19107
CRYAB	11	111782801	111782801	-	G	T	-51	rs116253003	NA19147
CRYAB	11	111783940	111783940	-	-	CCTCCTCCT	-3	.	NA18486
CRYAB	11	111784010	111784012	-	CTC	-	-73	.	NA18486
TIMM8B	11	111957427	111957427	-	G	A	96	rs61734353	NA19207
TEX12	11	112038086	112038086	+	G	A	-9	rs2904613	NA18856
PTS	11	112097155	112097155	+	A	G	68	rs201697689	NA18907
TMPRSS5	11	113576998	113576998	-	G	A	98	rs78430626	NA18498
HTR3B	11	113775552	113775554	+	AGA	-	35	rs145648579	NA19207
RBM7	11	114271254	114271254	+	T	C	4	rs151045096	NA19235
APOA4	11	116694065	116694065	-	C	T	-54	rs149918738	NA19225
SIDT2	11	117049942	117049942	+	-	CCGCCA	4	.	NA18517
SIDT2	11	117050007	117050007	+	G	A	69	rs61729992	NA19207
DSCAML1	11	117667885	117667890	-	CGCACT	-	92	rs141002031	NA18517
TMPRSS13	11	117800086	117800086	-	C	G	83	rs116412034	NA19236
TMPRSS13	11	117800161	117800161	-	G	A	8	rs78984817	NA19236
CD3G	11	118215122	118215122	+	G	T	64	rs145293635	NA18486
ATP5L	11	118272144	118272144	+	C	G	41	rs76883464	NA18517
ARCN1	11	118443064	118443064	+	C	-	-38	rs375845726	NA19189
PHLDB1	11	118478330	118478330	+	G	A	25	rs7125115	NA19236
MIR6716	11	118514625	118514625	+	C	T	-93	rs11216938	NA19108
UPK2	11	118826969	118826969	+	C	G	-39	rs75714640	NA18909
FOXR1	11	118842352	118842352	+	G	T	-65	rs80052663	NA18507
RPL23AP64	11	118874304	118874304	-	G	A	-1	rs182405451	NA19198

RPL23AP64	11	118874331	118874331	-	C	T	-28	rs11500864	NA18489
RPL23AP64	11	118874333	118874333	-	T	C	-30	.	NA19198
MIR3656	11	118889734	118889734	+	G	A	81	rs190875163	NA18523
VPS11	11	118938435	118938435	+	G	A	-28	rs1786684	NA18864
POU2F3	11	120110948	120110948	+	G	A	46	.	NA19108
TECTA	11	120973342	120973342	+	-	T	-33	rs200130858	NA19198
BSX	11	122852392	122852392	-	A	C	-13	.	NA18864
OR6X1	11	123625220	123625220	-	T	G	7	rs76020236	NA18517
OR6T1	11	123814478	123814478	-	A	G	68	rs6590022	NA19207
OR6T1	11	123814489	123814489	-	A	G	57	rs4936859	NA18489
OR6T1	11	123814555	123814555	-	C	A	-10	rs7926144	NA19207
OR6T1	11	123814584	123814584	-	A	G	-39	rs113576980	NA19147
OR10G4	11	123886320	123886320	+	A	G	39	rs12224056	NA18489
OR8G1	11	124120338	124120338	+	A	C	-85	rs2512240	NA18501
OR8G1	11	124120432	124120432	+	G	A	10	.	NA18861
OR8B2	11	124253163	124253163	-	G	A	77	.	NA19147
OR8B3	11	124267171	124267171	-	G	A	77	.	NA19147
ROBO3	11	124735354	124735354	+	G	C	50	rs185584218	NA18864
CHEK1	11	125496314	125496314	+	C	T	64	.	NA18916
PATE2	11	125648727	125648727	-	C	T	-13	rs148721499	NA18864
FOXRED1	11	126139009	126139009	+	C	G	-31	rs139053088	NA19225
FOXRED1	11	126139087	126139087	+	G	A	48	rs201288313	NA19108
ST3GAL4	11	126275979	126275979	+	-	T	-98	rs146598928	NA19108
ARHGAP32	11	128894004	128894004	-	T	A	85	rs79621666	NA19236
TMEM45B	11	129685736	129685736	+	G	A	-5	rs11606613	NA18864
B4GALNT3	12	569626	569626	+	G	A	84	rs144955552	NA18907
LINC00942	12	1609593	1609593	+	C	A	-64	rs7303138	NA19236
TULP3	12	3000076	3000076	+	A	G	44	rs116121546	NA18517
C12orf5	12	4430374	4430374	+	-	'AGCCCGCA	16	.	NA18523
NDUFA9	12	4758305	4758305	+	G	C	42	rs35155742	NA18501
LOC10192951	12	5352401	5352401	-	G	C	-84	rs73253116	NA19236
CD27-AS1	12	6560638	6560638	-	G	C	46	.	NA19114
TAPBP1	12	6561144	6561144	+	G	T	-33	rs11569391	NA19107
SCARNA10	12	6619317	6619317	+	G	A	-71	rs61759526	NA18523
SCARNA10	12	6619359	6619362	+	TGTT	-	-29	.	NA18511
ACRBP	12	6756537	6756537	-	G	A	44	rs116290146	NA19114
LAG3	12	6881739	6881739	+	C	G	70	rs78875450	NA19189
P3H3	12	6937471	6937471	+	C	T	-67	rs7972312	NA19236
TPI1	12	6976543	6976543	+	A	G	-41	.	NA18864
DSTNP2	12	6993781	6993781	+	-	AG	-65	rs35146755	NA18511
DSTNP2	12	6993782	6993782	+	G	A	-64	.	NA18517

C12orf57	12	7053014	7053014	+	C	T	35	rs116861153	NA19116
C12orf57	12	7053057	7053057	+	G	A	78	rs141006791	NA18486
C12orf57	12	7053058	7053058	+	C	T	79	rs144953190	NA18909
C12orf57	12	7053059	7053059	+	C	T	80	rs112796044	NA18489
C12orf57	12	7053076	7053076	+	C	T	97	rs79312103	NA19108
C1RL-AS1	12	7260825	7260825	+	-	C	-79	rs71450183	NA19189
CD163L1	12	7596713	7596713	-	G	A	69	rs115154477	NA18507
APOBEC1	12	7818402	7818402	-	-	ACA	98	.	NA18916
NANOG	12	7941993	7941993	+	T	C	2	.	NA18861
NANOG	12	7942053	7942053	+	A	T	62	.	NA19114
SLC2A3	12	8088794	8088794	-	G	T	99	.	NA19147
SLC2A3	12	8088795	8088795	-	G	C	98	.	NA19147
FAM90A1	12	8380122	8380122	-	C	T	93	.	NA18523
FAM90A1	12	8380125	8380125	-	T	G	90	.	NA18523
MIR1244-1	12	9392205	9392205	-	T	C	-58	rs34364	NA19116
LINC00987	12	9392506	9392506	+	C	T	-93	rs28524691	NA19236
LINC00987	12	9392654	9392654	+	T	C	56	rs34367	NA19116
LOC374443	12	9795377	9795377	+	C	T	-87	rs116528054	NA18501
LOC374443	12	9795514	9795514	+	C	T	51	rs74065318	NA19235
CD69	12	9913491	9913491	-	T	G	7	rs142310882	NA18511
TAS2R8	12	10959534	10959534	-	C	A	46	rs41324347	NA18523
TAS2R8	12	10959679	10959679	-	A	G	-100	.	NA18907
TAS2R20	12	11150481	11150481	-	A	G	-7	rs115823717	NA18501
TAS2R43	12	11244918	11244918	-	-	G	-6	.	NA19207
TAS2R43	12	11244921	11244921	-	G	T	-9	rs112869592	NA19207
TAS2R30	12	11286760	11286760	-	T	C	84	.	NA19235
PRB4	12	11463335	11463335	-	C	T	35	rs111244440	NA19129
BCL2L14	12	12223842	12223842	+	G	A	-36	rs11054666	NA19236
APOLD1	12	12938458	12938458	+	C	T	-83	rs7297637	NA18907
DDX47	12	12966348	12966348	+	C	A	69	rs145684455	NA19235
GSG1	12	13248779	13248779	-	A	C	-39	rs140842829	NA18923
PLBD1	12	14720736	14720736	+	C	T	56	rs11829084	NA18486
H2AFJ	12	14927202	14927202	+	G	C	-68	rs2232039	NA19189
H2AFJ	12	14927365	14927365	+	G	T	96	rs190759818	NA19116
SLCO1A2	12	21487767	21487767	-	C	T	66	.	NA18517
SLCO1A2	12	21487876	21487876	-	A	G	-44	rs142978927	NA19236
PYROXD1	12	21590600	21590600	+	C	T	63	rs113744302	NA18861
PYROXD1	12	21590611	21590612	+	CA	-	74	rs138292380	NA19236
GOLT1B	12	21654734	21654734	+	C	A	36	rs186860602	NA18861
SOX5	12	23737481	23737481	-	A	G	66	rs79989573	NA19235
C12orf77	12	25150466	25150466	-	T	C	-93	rs699031	NA18498

LYRM5	12	25348133	25348133	+	C	A	-17	rs61158742	NA19116
MRPS35	12	27863616	27863616	+	C	T	-90	rs79068562	NA18511
MRPS35	12	27863764	27863764	+	C	T	59	rs115099440	NA18907
ERGIC2	12	29534209	29534209	-	C	A	-66	rs2278093	NA19116
C12orf40	12	40019937	40019937	+	C	-	-35	.	NA19236
PDZRN4	12	41582272	41582272	+	G	A	23	rs73117071	NA18486
PDZRN4	12	41831607	41831607	+	A	G	67	.	NA18498
ADAMTS20	12	43945788	43945788	-	C	A	-64	rs145510487	NA18489
NELL2	12	45269419	45269419	-	C	A	26	rs114376925	NA18909
NELL2	12	45307633	45307633	-	T	C	79	rs374144	NA18864
PLEKHA8P1	12	45609825	45609825	+	G	C	-36	rs192039522	NA18909
COL2A1	12	48398291	48398291	-	C	T	-6	rs41317877	NA18523
OR10AD1	12	48597064	48597064	-	A	G	12	rs17224828	NA18923
OR10AD1	12	48597096	48597096	-	A	G	-21	rs78254156	NA18923
KANSL2	12	49076036	49076036	-	T	C	-1	rs10783277	NA19236
KANSL2	12	49076099	49076099	-	A	G	-64	rs2277366	NA19236
PRPH	12	49688880	49688880	+	C	G	-29	rs115335961	NA19116
FAM186B	12	49999402	49999402	-	G	A	9	.	NA18511
TMBIM6	12	50135548	50135548	+	C	T	-44	rs73306885	NA18498
AQP2	12	50344555	50344555	+	G	A	32	rs62620006	NA19116
FAM186A	12	50790423	50790423	-	C	T	-18	rs74646380	NA18864
METTL7A	12	51318602	51318602	+	G	A	69	rs115800751	NA19236
LETMD1	12	51442080	51442080	+	A	G	-2	rs11832162	NA18498
DAZAP2	12	51632464	51632464	+	G	T	-44	.	NA19147
DAZAP2	12	51632507	51632507	+	G	A	-1	rs7979728	NA18861
SLC4A8	12	51818668	51818668	+	G	T	75	rs115309800	NA18511
SLC4A8	12	51818829	51818837	+	CGCCTCCCC	-	-72	rs200983907	NA18486
SLC4A8	12	51818855	51818855	+	C	T	-46	rs368164823	NA19107
ANKRD33	12	52281736	52281736	+	G	A	-57	rs59133084	NA19129
ANKRD33	12	52281746	52281746	+	C	T	-47	rs697632	NA19236
ANKRD33	12	52281792	52281792	+	G	T	-1	rs192926969	NA19107
KRT75	12	52828019	52828019	-	T	C	92	rs142860834	NA18864
KRT5	12	52914211	52914211	-	T	C	33	rs12821071	NA19114
KRT71	12	52946961	52946961	-	G	A	-30	.	NA18498
KRT72	12	52995273	52995273	-	-	A	50	rs150944118	NA18861
KRT73-AS1	12	53003562	53003562	+	T	C	-73	rs11170195	NA18523
KRT79	12	53227979	53227979	-	G	A	99	rs142260878	NA19114
KRT79	12	53228145	53228145	-	T	C	-68	rs61345504	NA19189
KRT78	12	53242685	53242685	-	C	T	94	rs2253800	NA18498
KRT78	12	53242695	53242695	-	C	T	84	rs114041054	NA18864
LOC283335	12	53448235	53448235	-	G	A	-13	rs201142870	NA19116

MIR6757	12	53450678	53450678	+	C	T	-50	rs116376439	NA19129
IGFBP6	12	53491528	53491530	+	GCT	-	93	.	NA18517
HOXC13	12	54332565	54332567	+	AGG	-	-11	rs147117460	NA19198
HOXC13	12	54332653	54332653	+	G	C	78	rs200404690	NA19198
HOTAIR	12	54368675	54368675	-	C	T	66	rs115512483	NA19108
MIR196A2	12	54385441	54385441	+	A	G	-81	.	NA18507
MIR615	12	54427829	54427829	+	C	T	96	.	NA18523
HNRNPA1	12	54674396	54674396	+	C	A	-92	rs74089958	NA18517
NCKAP1L	12	54891465	54891465	+	A	G	-30	rs189825343	NA18923
PDE1B	12	54955324	54955324	+	T	C	97	rs10747699	NA19147
OR6C3	12	55725401	55725401	+	A	-	-84	.	NA18507
OR6C3	12	55725423	55725423	+	C	G	-62	rs116773138	NA19116
OR6C75	12	55758797	55758797	+	A	G	-98	rs184942278	NA19114
OR6C65	12	55794378	55794378	+	A	G	66	rs79807163	NA18517
OR6C65	12	55794394	55794396	+	TTT	-	82	rs140528200	NA18517
OR6C76	12	55820074	55820074	+	C	T	37	rs113998997	NA19116
OR6C70	12	55864021	55864021	-	A	T	-99	rs111912512	NA19116
ORMDL2	12	56211853	56211853	+	A	G	48	.	NA18916
MMP19	12	56236678	56236678	-	T	G	90	.	NA19189
WIBG	12	56320843	56320843	-	G	C	67	.	NA18864
WIBG	12	56320845	56320845	-	G	C	65	.	NA18864
WIBG	12	56320848	56320848	-	T	C	62	.	NA18864
WIBG	12	56320852	56320852	-	G	C	58	.	NA18864
WIBG	12	56320854	56320854	-	A	C	56	.	NA18864
DGKA	12	56325006	56325006	+	C	G	61	rs772701	NA19129
RPL41	12	56510383	56510383	+	T	G	10	rs190788605	NA19236
IL23A	12	56732625	56732625	+	A	C	-38	rs59094153	NA19129
RBMS2	12	56915514	56915514	+	-	A	-95	rs111877262	NA18517
RDH16	12	57351325	57351325	-	A	G	94	rs111607119	NA18523
TMEM194A	12	57472615	57472615	-	A	C	-41	.	NA19235
MIR1228	12	57588323	57588323	+	C	T	37	rs139262076	NA19236
INHBC	12	57828462	57828462	+	G	A	-6	.	NA18864
ARHGAP9	12	57873498	57873498	-	T	G	-74	rs79948748	NA18861
MARS	12	57881700	57881700	+	A	G	-36	rs185066555	NA19107
MIR616	12	57913116	57913116	-	C	T	-74	rs148634891	NA18486
PIP4K2C	12	57984967	57984967	+	C	T	26	rs2620683	NA18511
MIR6759	12	58142494	58142494	-	T	C	-29	rs2069509	NA18498
METTTL21B	12	58166479	58166479	+	G	T	97	rs116818517	NA18916
TSFM	12	58176580	58176580	+	G	C	53	rs201857657	NA19108
MSRB3	12	65672677	65672677	+	C	T	-90	rs186070787	NA19235
HELB	12	66696260	66696274	+	GGCGCCG(	-	-75	rs200315119	NA19236

HELB	12	66696306	66696306	+	G	A	-29	rs113999529	NA19129
IL26	12	68619604	68619604	-	G	A	-33	rs11570915	NA19114
LOC1001300	12	69199299	69199299	-	C	A	-25	rs7305172	NA19189
CCT2	12	69979139	69979139	+	C	T	-69	.	NA18517
CCT2	12	69979219	69979219	+	C	T	12	rs76947730	NA19189
CCT2	12	69979525	69979525	+	G	A	64	rs140997100	NA19107
RAB3IP	12	70133262	70133262	+	C	T	93	rs74965270	NA18861
PTPRB	12	71003636	71003636	-	G	A	-12	rs114329191	NA18486
TRHDE	12	72666543	72666543	+	A	T	15	rs7294488	NA18507
GLIPR1L2	12	75784825	75784825	+	C	T	-25	rs113853390	NA18486
NAV3	12	78224998	78224998	+	-	G	-71	.	NA18923
NAV3	12	78225001	78225001	+	-	AA	-68	.	NA19207
PPP1R12A	12	80328664	80328664	-	G	A	68	.	NA18864
MYF5	12	81110782	81110782	+	G	A	75	rs145072119	NA19235
CCDC59	12	82752174	82752174	-	T	C	26	rs147681606	NA18498
TMTC2	12	83081007	83081007	+	C	T	74	rs371771054	NA19114
NTS	12	86268127	86268127	+	C	-	55	rs150713744	NA19147
GALNT4	12	89918677	89918677	-	C	A	-94	rs11105310	NA19235
ATP2B1	12	90049824	90049824	-	G	T	21	rs78268348	NA18907
CLUU1	12	92815294	92815294	+	G	A	-13	rs140468090	NA19107
CLUU1OS	12	92821862	92821862	-	G	A	63	.	NA19198
USP44	12	95928055	95928055	-	G	A	48	rs184106013	NA19236
MIR1251	12	97885662	97885662	+	A	T	-25	.	NA19198
ACTR6	12	100594465	100594465	+	A	T	-90	.	NA18907
ACTR6	12	100594565	100594565	+	A	G	11	.	NA18511
DEPDC4	12	100660774	100660774	-	G	A	84	rs116165919	NA18864
NR1H4	12	100897216	100897216	+	C	T	79	rs17030240	NA19198
NR1H4	12	100897231	100897231	+	G	A	94	rs17030242	NA19198
ANO4	12	101295350	101295350	+	A	G	-74	rs79238794	NA19108
IGF1	12	102874422	102874423	-	TC	-	-44	rs372346461	NA19207
MIR3652	12	104324166	104324166	+	C	A	-37	.	NA18507
C12orf45	12	105380143	105380143	+	G	A	46	rs12580271	NA18498
POLR3B	12	106751915	106751915	+	A	G	56	.	NA18517
WSCD2	12	108525445	108525445	+	A	G	-63	rs11113754	NA18489
SART3	12	108955124	108955124	-	G	A	42	rs115602833	NA19129
USP30	12	109490401	109490401	+	C	T	27	rs2304266	NA18501
USP30	12	109490451	109490451	+	-	G	77	.	NA18864
FAM222A-AS	12	110211354	110211354	-	C	T	-62	rs12310773	NA18523
ANAPC7	12	110841439	110841439	-	C	G	97	rs138457092	NA19235
ARPC3	12	110888137	110888137	-	C	T	80	.	NA19129
ARPC3	12	110888146	110888146	-	G	C	71	.	NA18511

GPN3	12	110906084	110906084	-	C	G	6	rs146107392	NA18511
MIR6761	12	112237618	112237618	+	C	T	-20	rs149377733	NA19198
ERP29	12	112451161	112451161	+	G	-	10	.	NA18511
ERP29	12	112451202	112451202	+	A	G	51	.	NA18523
OAS1	12	113344647	113344647	+	A	G	-92	rs45565340	NA19129
OAS3	12	113376190	113376190	+	C	T	-48	.	NA18489
RITA1	12	113623389	113623389	+	A	G	59	rs28365932	NA18916
PLBD2	12	113796399	113796399	+	T	C	29	rs12825284	NA18501
MIR620	12	116586526	116586526	-	A	C	-67	.	NA18916
MAP1LC3B2	12	116997095	116997095	+	C	T	-91	rs73409112	NA19236
PRKAB1	12	120105854	120105854	+	A	G	94	.	NA19107
COX6A1	12	120875793	120875793	+	C	T	-100	.	NA18517
TRIAP1	12	120884200	120884200	+	G	A	16	rs200895047	NA18517
GATC	12	120884305	120884305	+	C	T	65	rs61734361	NA19108
COQ5	12	120966929	120966929	-	T	C	36	rs140043357	NA18864
COQ5	12	120966988	120966988	-	G	A	-24	rs147150296	NA19116
UNC119B	12	121148165	121148175	+	CCCGCCCCC	-	-73	.	NA19114
ANAPC5	12	121790258	121790258	-	A	T	8	rs144031139	NA19236
HPD	12	122296784	122296784	-	C	T	-15	rs3741591	NA18523
WDR66	12	122356435	122356435	+	G	A	-28	rs10743185	NA18489
WDR66	12	122356436	122356436	+	C	T	-27	rs10743186	NA18489
DIABLO	12	122710335	122710336	-	CA	-	63	rs138058316	NA18507
VPS33A	12	122751041	122751041	-	C	T	28	.	NA18909
HCAR2	12	123187837	123187837	-	G	A	68	rs199782920	NA19147
HCAR2	12	123187926	123187926	-	C	T	-22	.	NA18517
CCDC62	12	123259144	123259144	+	G	C	89	.	NA19129
VPS37B	12	123380693	123380693	-	C	T	20	.	NA19236
GTF2H3	12	124118268	124118268	+	C	T	-18	rs112250456	NA19107
TCTN2	12	124155708	124155708	+	G	A	49	rs191193522	NA19114
ATP6V0A2	12	124196891	124196891	+	C	G	27	rs71458814	NA19236
MIR6880	12	124821705	124821705	-	G	A	84	rs3741512	NA18864
DHX37	12	125473590	125473590	-	G	A	78	rs201712640	NA19236
DHX37	12	125473741	125473741	-	C	G	-74	rs7964730	NA19108
TMEM132B	12	125811218	125811218	+	G	T	57	rs187908167	NA19198
SFSWAP	12	132195553	132195553	+	T	C	-79	.	NA18907
LOC1001302	12	132851894	132851894	+	G	A	-83	rs28705280	NA18489
LINC00421	13	19919242	19919242	+	T	C	54	rs9507894	NA19236
TPTE2	13	20077477	20077477	-	C	G	-60	rs199948816	NA18486
ZMYM5	13	20437753	20437753	-	G	T	24	rs9578228	NA19236
MIPEPP3	13	21872188	21872188	+	A	T	-76	rs2038981	NA19236
MICU2	13	22178307	22178307	-	G	C	49	rs2248433	NA19116

C1QTNF9B	13	24471074	24471078	-	TTATG	-	72	.	NA18864
C1QTNF9B	13	24471140	24471140	-	-	CT	6	.	NA18864
MTUS2	13	30002728	30002728	+	T	C	-49	rs113804285	NA19114
MEDAG	13	31480371	31480371	+	A	G	60	rs11617899	NA18498
TEX26	13	31506833	31506833	+	C	G	-1	rs200717620	NA18907
RFC3	13	34392122	34392122	+	G	A	-84	rs3135529	NA18523
DCLK1	13	36430066	36430066	-	G	A	-68	rs150335177	NA19236
CSNK1A1L	13	37679729	37679729	-	C	T	73	rs9576177	NA19236
POSTN	13	38172896	38172896	-	G	C	86	rs3829365	NA19235
FREM2	13	39261151	39261151	+	T	G	-22	rs9634754	NA18489
NHLRC3	13	39612496	39612496	+	G	-	49	.	NA19114
TPTE2P5	13	41495889	41495889	-	C	G	-3	rs111433219	NA18511
TSC22D1-AS	13	45149950	45149950	+	G	A	-82	rs61749000	NA18861
TSC22D1-AS	13	45150125	45150125	+	G	A	94	rs114920421	NA19225
NUFIP1	13	45563535	45563535	-	C	T	79	rs75696445	NA19108
LINC01055	13	46275415	46275415	-	G	A	-96	rs1536182	NA18498
SIAH3	13	46425806	46425806	-	G	A	41	rs57504283	NA18486
LINC00563	13	46872036	46872036	-	T	C	-57	rs12585029	NA18489
LINC01198	13	47040906	47040906	-	C	T	6	rs7326084	NA18489
MED4	13	48669345	48669345	-	G	-	-68	rs141564348	NA19116
MED4	13	48669369	48669369	-	C	G	-92	rs41287451	NA18909
LINC00462	13	49154996	49154996	-	C	G	42	rs7336379	NA18489
SETDB2	13	50018510	50018510	+	C	-	82	rs140994250	NA19236
EBPL	13	50265661	50265661	-	G	T	-38	rs3825408	NA18486
MIR16-1	13	50623143	50623143	-	A	G	55	rs72631826	NA19108
ALG11	13	52586460	52586460	+	G	A	-63	rs116077980	NA19236
MRPS31P5	13	52768551	52768551	-	A	G	52	rs77367826	NA19236
VPS36	13	53024750	53024750	-	G	C	64	rs112322281	NA19236
PCDH8	13	53422749	53422749	-	T	C	27	rs116702635	NA18907
PCDH8	13	53422860	53422860	-	C	A	-85	rs7320771	NA18916
LOC10272391	13	64418330	64418330	-	T	C	-72	rs498958	NA19236
CTAGE11P	13	75814490	75814490	-	C	T	28	.	NA19107
COMMD6	13	76111929	76111929	-	T	C	80	rs111633743	NA18489
EDNRB	13	78493817	78493817	-	C	T	87	rs75515470	NA19198
EDNRB	13	78493861	78493861	-	G	-	43	rs367849777	NA18486
RNF219	13	79233334	79233334	-	C	T	-20	rs73537067	NA18861
RBM26	13	79980316	79980316	-	T	C	41	rs183497605	NA18489
NDFIP2-AS1	13	80055355	80055355	+	G	A	12	rs143536057	NA18501
LINC00375	13	85722212	85722212	-	A	C	-20	rs187137549	NA19236
MIR622	13	90883426	90883426	+	G	A	-10	rs140547638	NA19235
MIR622	13	90883517	90883517	+	T	C	82	rs111371406	NA18909

LOC10192721	13	95413177	95413177	+	T	C	-18	rs111495559	NA18486
CLDN10	13	96205046	96205046	+	C	G	100	rs115599668	NA19189
DNAJC3	13	96329413	96329413	+	G	T	21	.	NA19225
HS6ST3	13	96743095	96743095	+	C	T	3	rs200303345	NA19116
PCCA	13	100741306	100741306	+	T	G	38	rs368695107	NA18523
ITGBL1	13	102104875	102104875	+	T	-	-69	.	NA18907
BIVM-ERCC5	13	103459510	103459510	+	G	A	15	rs114116619	NA19225
BIVM-ERCC5	13	103459541	103459541	+	A	G	46	rs116441366	NA18486
BIVM-ERCC5	13	103459567	103459570	+	AGAT	-	72	rs140754226	NA18486
ERCC5	13	103498109	103498109	+	T	A	-82	.	NA19225
MYO16	13	109281568	109281568	+	A	G	-3	rs927856	NA19236
ANKRD10	13	111567531	111567531	-	C	G	-77	rs7331404	NA19116
ATP11A	13	113344723	113344723	+	G	A	81	rs376676104	NA19235
MCF2L	13	113656049	113656049	+	C	T	22	rs77244392	NA18861
F7	13	113760026	113760026	+	C	G	-76	rs10482843	NA18861
PCID2	13	113862943	113862943	+	C	T	20	rs115957258	NA18511
ADPRHL1	13	114107846	114107846	-	C	T	-7	rs113483311	NA18909
ATP4B	13	114312504	114312504	-	C	T	10	rs141529862	NA19147
ATP4B	13	114312571	114312571	-	C	T	-58	rs77114191	NA19108
LINC00552	13	114454135	114454136	-	GT	-	-73	.	NA19236
MIR548AR	13	115009910	115009910	+	G	A	-70	rs114476097	NA18909
OR11H12	14	19377692	19377692	+	T	C	99	rs370270169	NA19147
POTEG	14	19553414	19553414	+	C	A	50	.	NA19114
OR4Q3	14	20215501	20215501	+	G	A	-86	rs12432072	NA19198
OR4Q3	14	20215561	20215561	+	-	TCTC	-26	rs71313488	NA19198
OR4Q3	14	20215637	20215637	+	A	G	51	rs28652816	NA18498
OR4K15	14	20443751	20443751	+	T	G	74	rs139828094	NA19236
OR4K13	14	20502866	20502866	-	A	C	52	rs141581255	NA19114
OR4L1	14	20528152	20528152	+	T	C	-52	rs10146710	NA19207
OR4L1	14	20528250	20528250	+	G	T	47	rs45584133	NA18864
OR11G2	14	20665474	20665474	+	T	C	-21	rs11852005	NA19198
OR11H6	14	20691772	20691772	+	C	T	-97	rs200572314	NA18501
KLHL33	14	20903778	20903778	-	G	A	24	rs8017682	NA18501
RNASE10	14	20978598	20978598	+	G	T	-33	rs188575151	NA18916
ANG	14	21156836	21156836	+	C	T	-96	rs4982325	NA19236
RNASE8	14	21525997	21525997	+	T	A	17	rs149199469	NA19108
OR10G2	14	22103039	22103039	-	A	G	58	rs28669931	NA19225
DAD1	14	23058078	23058078	-	T	C	66	rs139670797	NA18498
OXA1L	14	23235697	23235697	+	C	T	-34	rs1957373	NA18861
OXA1L	14	23235808	23235808	+	G	A	78	rs1957374	NA18861
OXA1L	14	23235821	23235821	+	T	C	91	rs73586409	NA19108

PSMB5	14	23504277	23504277	-	G	C	78	rs59678578	NA18523
PSMB5	14	23504400	23504400	-	A	G	30	rs9323251	NA19116
PSMB11	14	23511402	23511402	+	C	T	27	rs112712793	NA18498
C14orf119	14	23564633	23564633	+	G	A	-50	.	NA18517
C14orf119	14	23564718	23564718	+	G	A	36	rs74817234	NA19114
DHRS4L1	14	24505537	24505537	+	C	G	-84	rs2332130	NA19108
MDP1	14	24685248	24685248	-	A	C	29	.	NA19225
NEDD8	14	24701598	24701598	+	A	C	-22	rs200178610	NA19107
NEDD8	14	24701599	24701600	+	CC	-	-23	.	NA18864
GMPR2	14	24701605	24701605	+	C	T	-23	.	NA18864
RIPK3	14	24809269	24809269	-	G	T	-27	rs73591480	NA19198
KHNYN	14	24898547	24898547	+	G	C	56	rs76835855	NA18523
LOC1019270	14	24912160	24912160	+	C	A	2	rs77048087	NA18501
SCFD1	14	31091566	31091566	+	-	CAG	42	.	NA18861
MIR624	14	31484015	31484015	-	A	C	-67	.	NA19147
LOC1019271	14	35550227	35550227	+	-	GAA	-60	.	NA18486
BRMS1L	14	36295674	36295674	+	G	A	78	rs115346142	NA18511
MBIP	14	36789834	36789834	-	A	C	49	rs202222638	NA19236
GEMIN2	14	39583533	39583533	+	T	G	46	.	NA19235
TRAPPC6B	14	39639546	39639546	-	C	G	89	rs114571512	NA18909
PNN	14	39644368	39644368	+	G	A	-19	rs73291585	NA18864
CTAGE5	14	39734473	39734473	+	G	A	-3	rs17693279	NA18909
FAM179B	14	45431428	45431428	+	G	A	13	rs149661832	NA18864
FANCM	14	45605108	45605108	+	C	T	-28	rs115509039	NA19189
RPL10L	14	47121005	47121005	-	A	T	24	rs116472219	NA18523
RPL10L	14	47121076	47121076	-	G	T	-48	rs148740459	NA18916
RPS29	14	50053102	50053102	-	C	A	33	rs79390224	NA18511
C14orf183	14	50559263	50559263	-	G	A	99	rs74049126	NA18501
L2HGDH	14	50778915	50778915	-	A	G	33	rs202145436	NA18861
ATP5S	14	50779001	50779001	+	G	A	-46	rs7155623	NA19225
ATP5S	14	50779002	50779002	+	A	T	-45	rs7155144	NA19225
CDKL1	14	50862650	50862650	-	C	T	-8	.	NA18517
CDKL1	14	50864159	50864159	-	G	C	-37	rs11570779	NA19198
PYGL	14	51411216	51411216	-	C	G	33	rs8018727	NA18916
TMX1	14	51706909	51706909	+	C	G	24	rs149088199	NA19235
PTGDR	14	52734460	52734460	+	G	A	30	rs41311440	NA18517
PSMC6	14	53173920	53173920	+	G	T	25	rs140545868	NA18861
CGRRF1	14	54976583	54976583	+	T	C	-4	rs78067093	NA18909
CGRRF1	14	54976644	54976644	+	G	A	58	rs75987656	NA18909
MIR4308	14	55344901	55344901	-	C	T	11	rs28477407	NA18489
SOCS4	14	55493871	55493871	+	G	A	28	rs78357054	NA19147

SOCS4	14	55493902	55493902	+	G	C	59	rs151064706	NA19189
TBPL2	14	55907290	55907290	-	G	C	-27	rs189736107	NA19236
C14orf105	14	57960619	57960619	-	G	C	-38	rs74952422	NA18507
LINC01500	14	59294966	59294966	+	G	A	-40	rs147536604	NA18523
DAAM1	14	59730201	59730201	+	C	T	43	rs76482654	NA19129
CCDC175	14	60043572	60043572	-	G	C	-23	rs7141565	NA18864
TRMT5	14	61447746	61447746	+	C	A	52	rs76739747	NA19189
SYNE2	14	64682659	64682659	+	T	G	-13	rs144379110	NA19129
SPTB	14	65289946	65289946	-	A	G	-80	rs149325691	NA19189
CHURC1	14	65381110	65381110	+	C	T	32	rs140952748	NA19189
GPX2	14	65409643	65409643	-	A	G	-20	rs17883620	NA19198
PLEK2	14	67878765	67878765	-	G	A	64	rs115017102	NA19114
PIGH	14	68066949	68066949	-	G	A	69	rs11547225	NA18861
PIGH	14	68066971	68066971	-	G	C	47	rs12587848	NA18511
ERH	14	69865043	69865043	+	G	A	-22	rs80134653	NA19129
SYNJ2BP	14	70883746	70883746	-	A	G	62	.	NA18909
PSEN1	14	73603082	73603082	+	C	-	-61	rs148370307	NA19236
C14orf169	14	73957668	73957668	+	C	G	30	rs57869124	NA19236
ACOT1	14	74004021	74004021	+	T	C	94	rs188235873	NA19116
PTGR2	14	74318612	74318612	+	A	G	-9	rs17092810	NA19236
COQ6	14	74416596	74416596	+	G	A	-41	.	NA19129
COQ6	14	74417002	74417002	+	G	C	48	.	NA19235
FAM161B	14	74417180	74417180	-	G	T	-63	rs61743884	NA18907
ALDH6A1	14	74551296	74551296	-	T	C	-100	rs145385451	NA18916
VSX2	14	74706198	74706198	+	G	A	24	.	NA18864
ABCD4	14	74769668	74769668	-	G	A	100	.	NA19236
ABCD4	14	74769736	74769736	-	G	C	32	rs72542403	NA19129
ABCD4	14	74769841	74769841	-	C	T	-74	rs17782508	NA18909
MIR4709	14	74946823	74946823	-	C	T	85	rs142355730	NA18486
MIR4709	14	74946968	74946968	-	A	G	-61	rs80216539	NA19114
NPC2	14	74960045	74960045	-	C	G	40	.	NA18486
ISCA2	14	74960367	74960367	+	T	C	-56	.	NA18907
ISCA2	14	74960442	74960442	+	C	A	20	rs140219639	NA19129
AREL1	14	75179776	75179776	+	G	-	32	.	NA18486
FCF1	14	75179858	75179858	+	G	A	9	rs73301933	NA18523
MIR1260A	14	77732548	77732548	+	-	CCTTTCCAG	-13	.	NA18501
POMT2	14	77787148	77787148	+	C	T	78	rs147337187	NA18486
STON2	14	81893581	81893581	-	A	G	-25	rs145158970	NA19236
KCNK10	14	88789532	88789532	-	A	C	62	rs114939162	NA19225
ZC3H14	14	89060809	89060809	+	T	C	80	rs75673533	NA18523
CALM1	14	90863407	90863407	+	C	T	81	rs146545930	NA19147

TC2N	14	92333836	92333836	-	G	A	45	rs112503849	NA18907
UNC79	14	93799515	93799515	+	G	-	-50	rs3215680	NA18489
OTUB2	14	94492733	94492733	+	G	C	10	rs2295215	NA18864
SERPINA9	14	94942619	94942655	-	ATATATTATT	-	52	.	NA19207
SERPINA3	14	95078744	95078744	+	G	A	31	rs45481092	NA18489
SYNE3	14	95942219	95942219	-	G	A	-46	rs74080791	NA19189
SCARNA13	14	96000008	96000008	-	T	C	-42	.	NA18501
GLRX5	14	96001383	96001383	+	A	C	61	rs911681	NA18523
DEGS2	14	100625967	100625967	-	C	T	46	rs371549225	NA18523
SLC25A47	14	100789657	100789657	+	T	C	-22	.	NA19207
MIR431	14	101347291	101347291	+	G	A	-53	rs375409115	NA18511
MIR433	14	101348159	101348159	+	G	T	-64	.	NA18489
SNORD113-5	14	101404614	101404614	+	A	C	91	.	NA19235
SNORD114-2	14	101418204	101418204	+	T	A	12	rs185307434	NA19236
SNORD114-2	14	101454403	101454403	+	G	C	-95	rs35097045	NA18486
MIR379	14	101488430	101488430	+	G	A	28	rs115827677	NA18507
MIR411	14	101489571	101489571	+	T	C	-91	rs146034556	NA18507
MIR299	14	101490079	101490079	+	C	T	-52	rs7149786	NA18861
MIR1197	14	101491840	101491840	+	G	-	-61	.	NA18864
MIR495	14	101500021	101500045	+	CCCTGACCC	-	-71	.	NA19116
MIR495	14	101500189	101500189	+	T	C	98	rs368845252	NA18517
MIR376C	14	101505933	101505933	+	C	A	-94	.	NA18523
MIR376A2	14	101506333	101506333	+	C	T	-73	rs114035552	NA19114
MIR654	14	101506652	101506652	+	C	T	97	rs147857581	NA19114
MIR1185-1	14	101509232	101509232	+	C	G	-82	.	NA19236
MIR544A	14	101514903	101514903	+	G	T	-92	rs77480578	NA19108
MIR544A	14	101514931	101514931	+	T	G	-64	.	NA18486
MIR655	14	101515880	101515880	+	G	A	-7	rs139043404	NA18498
MIR154	14	101526116	101526116	+	G	A	25	.	NA19116
MIR496	14	101526812	101526812	+	C	T	-98	rs145431482	NA19116
MIR496	14	101526841	101526841	+	G	A	-69	rs138161351	NA19116
MIR656	14	101532966	101532966	+	C	T	-95	rs188410712	NA19108
PPP2R5C	14	102276206	102276206	+	T	-	67	.	NA18511
CINP	14	102829191	102829191	-	G	A	63	rs201926830	NA18909
ASPG	14	104552048	104552048	+	C	G	26	rs115343508	NA19198
TMEM179	14	105071113	105071113	-	G	A	-16	rs139040111	NA18498
C14orf79	14	105452631	105452631	+	G	T	16	rs144282631	NA18489
CRIP2	14	105941173	105941173	+	G	A	62	rs148013668	NA19235
GOLGA8CP	15	20767579	20767579	+	T	G	-95	rs4932637	NA19198
GOLGA8CP	15	20767752	20767752	+	G	T	79	.	NA19235
LINC01193	15	21145700	21145700	+	G	A	-67	rs7180447	NA19114

CXADRP2	15	22016810	22016810	-	G	A	69	rs59954084	NA18523
OR4N4	15	22382395	22382395	+	G	A	14	.	NA18523
OR4N4	15	22382411	22382411	+	C	T	30	rs149529509	NA18486
GOLGA8EP	15	23434975	23434975	+	A	G	-95	rs4932637	NA18486
PWRN1	15	24803289	24803289	+	C	T	-15	rs8024795	NA18507
SNURF	15	25200061	25200061	+	C	T	-9	rs190158943	NA19107
SNURF	15	25200092	25200092	+	G	T	23	.	NA19225
SNRPN	15	25200105	25200105	+	A	G	-30	rs28408335	NA19147
SNRPN	15	25200115	25200115	+	C	T	-20	rs182426295	NA18507
SNORD116-3	15	25301931	25301931	+	G	A	-75	rs139415624	NA18923
SNORD116-4	15	25304610	25304610	+	G	A	-74	rs79598382	NA18489
SNORD116-1	15	25327841	25327841	+	C	T	-73	rs148033548	NA18923
SNORD116-1	15	25328650	25328650	+	G	A	-84	rs147447934	NA19198
SNORD116-1	15	25331601	25331601	+	C	T	-72	rs116509645	NA18489
SNORD116-1	15	25331632	25331632	+	G	A	-41	rs148639535	NA18489
SNORD116-1	15	25331754	25331754	+	G	A	82	rs150142682	NA18498
SNORD116-2	15	25332860	25332860	+	A	C	53	rs143810066	NA18498
SNORD116-2	15	25339101	25339101	+	G	T	-82	rs76998750	NA18489
SNORD116-3	15	25353316	25353316	+	A	C	-99	rs188320008	NA19198
SNORD115-2	15	25417697	25417697	+	G	A	-85	rs188534570	NA18501
SNORD115-3	15	25420119	25420119	+	C	G	46	rs189277207	NA19198
SNORD115-1	15	25423985	25423985	+	G	A	98	rs60243063	NA19198
SNORD115-6	15	25425715	25425715	+	C	T	72	rs72546372	NA18923
SNORD115-7	15	25427504	25427504	+	G	A	-28	rs372135583	NA19236
SNORD115-8	15	25429372	25429372	+	C	T	-81	rs72546374	NA18923
SNORD115-8	15	25429460	25429460	+	T	C	8	rs72546343	NA19236
SNORD115-1	15	25430735	25430735	+	G	A	-43	rs28408782	NA18489
SNORD115-1	15	25430774	25430774	+	G	C	-4	rs180886631	NA18923
SNORD115-1	15	25434633	25434633	+	G	A	73	rs72546380	NA19207
SNORD115-1	15	25434642	25434642	+	C	T	82	rs8179188	NA19236
SNORD115-1	15	25438443	25438443	+	C	T	-25	rs113239362	NA19207
SNORD115-1	15	25438464	25438464	+	A	G	-4	.	NA18489
SNORD115-1	15	25444667	25444667	+	G	A	73	rs72546386	NA19198
SNORD115-1	15	25448290	25448290	+	T	G	-84	.	NA19207
SNORD115-1	15	25448291	25448291	+	G	T	-83	.	NA19207
PWAR4	15	25456820	25456820	+	G	A	-19	rs28602751	NA18489
SNORD115-2	15	25458898	25458898	+	A	G	93	rs112617696	NA19207
SNORD115-2	15	25460759	25460759	+	C	T	72	rs28497227	NA18489
SNORD115-1	15	25468410	25468410	+	C	T	18	rs72546392	NA18923
SNORD115-3	15	25472187	25472187	+	C	G	-69	rs74005452	NA19116
SNORD115-3	15	25472239	25472239	+	G	T	-17	rs76952251	NA19207

SNORD115-3	15	25477554	25477554	+	A	T	21	rs72546394	NA18923
SNORD115-1	15	25481219	25481219	+	G	T	-13	rs140428366	NA19207
SNORD115-3	15	25484885	25484885	+	G	A	-100	rs114244379	NA18923
SNORD115-3	15	25484960	25484960	+	A	C	-25	rs72546396	NA18923
SNORD115-4	15	25488757	25488757	+	G	C	-4	rs72546398	NA18923
SNORD115-4	15	25490555	25490555	+	T	A	-70	rs72546401	NA19116
GABRB3	15	26961861	26961861	-	T	C	52	rs17561473	NA18507
GOLGA8F	15	28778186	28778186	-	C	A	-43	rs2693512	NA18501
HERC2P9	15	28899528	28899528	+	T	C	-60	rs409674	NA18907
HERC2P9	15	28899597	28899597	+	G	A	10	.	NA18517
PDCD6IPP2	15	29034905	29034905	+	A	G	-75	.	NA19108
NDNL2	15	29561966	29561966	-	T	C	55	rs138861482	NA19116
GOLGA8H	15	30896328	30896328	+	G	A	96	rs200206628	NA18486
LOC1002886:	15	30938246	30938246	+	-	TTTA	-72	rs200685039	NA19198
HERC2P10	15	31110258	31110258	+	C	T	20	rs3815122	NA19236
FAN1	15	31195984	31195984	+	T	A	-71	rs375917327	NA19236
CHRNA7	15	32322752	32322752	+	G	T	67	rs145180415	NA19236
GOLGA8N	15	32885724	32885724	+	G	A	68	.	NA18486
CHRM5	15	34261069	34261069	+	C	T	-20	rs661968	NA18498
KATNBL1	15	34502289	34502289	-	G	T	9	.	NA18489
KATNBL1	15	34502311	34502311	-	G	T	-14	rs6495621	NA18489
SLC12A6	15	34611108	34611108	-	G	T	-87	rs114815919	NA18907
SLC12A6	15	34629024	34629024	-	C	T	22	rs73374490	NA18923
LPCAT4	15	34659362	34659362	-	C	A	34	.	NA18864
GJD2	15	35046855	35046859	-	AAAAG	-	-73	.	NA19107
ANP32AP1	15	35529500	35529500	+	C	G	-27	.	NA18916
MEIS2	15	37393501	37393501	-	A	G	-1	rs3110012	NA19236
MEIS2	15	37393546	37393546	-	C	T	-46	rs3107322	NA18489
C15orf53	15	38988706	38988706	+	A	G	-93	rs184118208	NA18916
C15orf53	15	38988756	38988756	+	G	C	-43	rs114694118	NA19189
EIF2AK4	15	40226294	40226294	+	A	G	-31	rs508281	NA18501
ZFYVE19	15	41099258	41099258	+	G	A	-16	rs114485719	NA19147
MAPKBP1	15	42066537	42066537	+	C	T	-95	rs11634804	NA18498
UBR1	15	43398328	43398328	-	T	C	-42	.	NA18507
TP53BP1	15	43785343	43785343	-	G	A	12	.	NA18923
CATSPER2	15	43940300	43940302	-	TTG	-	-39	rs146995350	NA19147
MFAP1	15	44117032	44117032	-	C	T	-81	rs190409991	NA18507
WDR76	15	44119022	44119022	+	A	G	-90	rs112898938	NA19189
WDR76	15	44119186	44119186	+	G	A	75	rs200359678	NA19129
PIN4P1	15	44170373	44170373	-	G	C	-4	rs143188586	NA19116
B2M	15	45003588	45003588	+	C	T	-97	rs74929217	NA19114

C15orf43	15	45248815	45248815	+	C	T	-85	rs187802316	NA18864
SPATA5L1	15	45694460	45694460	+	G	T	-59	rs188676837	NA19236
MIR147B	15	45725224	45725224	+	G	A	-24	rs189209655	NA19108
SLC24A5	15	48413075	48413075	+	G	T	-94	.	NA19107
GALK2	15	49448008	49448008	+	G	A	53	rs146730067	NA18511
NDUF4F4P1	15	49448490	49448490	+	T	A	-5	rs17426226	NA18861
TNFAIP8L3	15	51397486	51397486	-	C	A	-13	rs150101778	NA19225
LEO1	15	52264052	52264052	-	T	C	-54	.	NA18501
NEDD4	15	56285936	56285936	-	G	A	9	rs5007873	NA18501
BNIP2	15	59981590	59981590	-	G	A	53	rs754641	NA18864
BNIP2	15	59981699	59981699	-	C	A	-57	rs6151431	NA18864
BNIP2	15	59981719	59981719	-	C	T	-77	rs754642	NA18864
ANXA2	15	60690193	60690193	-	G	C	-8	.	NA19116
VPS13C	15	62352607	62352607	-	G	A	58	rs372165482	NA18501
MIR190A	15	63116065	63116065	+	T	C	-91	rs186270605	NA19108
MIR190A	15	63116067	63116067	+	G	A	-89	rs78481497	NA19225
RPS27L	15	63449776	63449776	-	A	C	-35	rs112189151	NA18486
RAB8B	15	63481755	63481755	+	C	T	28	.	NA18511
APH1B	15	63569813	63569813	+	C	T	65	rs189409411	NA18511
SNX22	15	64443940	64443940	+	G	A	25	rs189940553	NA19147
CSNK1G1	15	64648488	64648488	-	-	C	-46	.	NA19236
TRIP4	15	64680083	64680083	+	G	C	81	rs35604990	NA19225
RAB11A	15	66161708	66161708	+	G	A	-89	.	NA19147
SNAPC5	15	66790165	66790165	-	C	T	-19	rs7179688	NA18511
SNORD18C	15	66793613	66793613	-	T	G	44	rs12905087	NA19235
SNORD18B	15	66794352	66794352	-	G	A	78	rs74956204	NA18498
SNORD18A	15	66795585	66795585	-	T	G	68	rs36076768	NA19235
LCTL	15	66857740	66857740	-	C	G	96	rs184826020	NA18511
SMAD3	15	67430337	67430337	+	G	A	-22	rs146714608	NA18864
AAGAB	15	67546979	67546979	-	C	T	96	rs115599985	NA18916
PIAS1	15	68346549	68346549	+	T	C	-23	rs11855475	NA18864
ITGA11	15	68724417	68724417	-	C	A	76	rs200383608	NA18486
ITGA11	15	68724503	68724503	-	G	A	-11	.	NA18501
CORO2B	15	68908902	68908902	+	G	T	24	rs74020256	NA19236
RPLP1	15	69745133	69745133	+	A	T	-26	rs75203934	NA18523
RPLP1	15	69745169	69745169	+	G	A	11	rs191930814	NA19107
MIR629	15	70371772	70371772	-	C	T	36	rs111899904	NA19189
HIGD2B	15	72978434	72978434	+	T	C	57	rs113421917	NA19129
NPTN	15	73925782	73925782	-	A	C	-29	rs3743500	NA19114
SCAMP2	15	75165741	75165741	-	C	-	-71	rs199890807	NA19108
PPCDC	15	75335534	75335534	+	G	A	-76	rs74950526	NA19108

PPCDC	15	75335631	75335631	+	A	G	22	rs190670162	NA19198
GOLGA6C	15	75550875	75550875	+	C	T	-24	.	NA18864
COMMD4	15	75628448	75628448	+	G	A	24	rs367746601	NA18864
ODF3L1	15	76016301	76016301	+	C	T	-18	rs111577076	NA19114
TYRO3P	15	76552560	76552560	-	T	G	-67	rs111688283	NA19207
TYRO3P	15	76552583	76552583	-	T	C	-90	rs112984272	NA19207
ETFA	15	76603800	76603800	-	A	G	11	rs116149551	NA18507
ISL2	15	76629066	76629066	+	C	T	2	.	NA18916
ISL2	15	76629120	76629120	+	A	C	56	rs73448115	NA19236
LOC645752	15	78219116	78219116	-	G	A	73	rs114659056	NA18501
DNAJA4	15	78558630	78558630	+	A	G	71	rs7179906	NA19207
PSMA4	15	78832819	78832819	+	G	C	73	rs73463040	NA18498
CHRN4	15	78933541	78933541	-	G	A	47	.	NA18517
MORF4L1	15	79165410	79165410	+	G	C	80	rs200078853	NA18909
CTSH	15	79237344	79237344	-	T	G	77	.	NA19225
CTSH	15	79237404	79237405	-	GA	-	17	rs67943698	NA18864
MIR184	15	79502120	79502120	+	T	C	-10	rs73470441	NA19189
BCL2A1	15	80263644	80263644	-	G	C	-1	rs140707601	NA19198
BCL2A1	15	80263737	80263737	-	T	C	-94	rs186889767	NA19147
FAH	15	80445219	80445219	+	G	A	-14	rs56043846	NA18864
MESDC2	15	81282122	81282122	-	G	A	98	rs61999333	NA19129
MESDC2	15	81282221	81282221	-	C	T	-2	rs11855085	NA18916
STARD5	15	81616434	81616434	-	G	C	91	rs184796441	NA19189
TMC3-AS1	15	81616750	81616750	+	C	T	77	rs147684734	NA19236
TMC3	15	81666348	81666348	-	T	C	71	rs74028654	NA18864
LINC00052	15	88120131	88120131	+	G	A	-29	rs6496426	NA18498
MIR7-2	15	89155014	89155014	+	C	T	-42	rs41276928	NA19116
ISG20	15	89181949	89181949	+	T	G	-25	rs116547197	NA18489
NGRN	15	90808848	90808848	+	C	A	-47	rs150429638	NA19235
LOC1046135	15	93014783	93014783	-	A	G	-7	rs56750261	NA19236
ASB9P1	15	93338663	93338663	+	C	T	-51	rs113228917	NA18923
LOC1019271	15	94399773	94399773	+	C	T	-16	rs28689942	NA18489
LINC01581	15	94651258	94651258	-	A	G	-91	rs6497169	NA19236
MCTP2	15	94841426	94841426	+	A	G	-4	rs186226037	NA19207
MCTP2	15	94841439	94841439	+	C	T	10	rs189766056	NA18909
MCTP2	15	94841476	94841476	+	C	T	47	.	NA19235
LINC00923	15	98417668	98417668	-	G	A	-9	rs61185575	NA18498
PGPEP1L	15	99548904	99548904	-	G	C	-19	rs76978834	NA18498
SYNM	15	99645348	99645348	+	G	C	63	rs139850386	NA18486
HSP90B2P	15	99797750	99797750	+	G	C	21	rs73471364	NA18909
CERS3	15	101084600	101084634	-	GCCCTCTC	-	-69	.	NA19236

TM2D3	15	102192537	102192537	-	C	G	58	rs148089973	NA19236
OR4F4	15	102463170	102463170	-	G	T	93	.	NA19198
MIR6859-1	15	102513711	102513711	+	G	A	-16	rs11492089	NA18864
SNRNP25	16	103782	103783	+	CC	-	-47	.	NA19107
SNRNP25	16	103799	103799	+	G	A	-30	rs116538752	NA19107
SNRNP25	16	103854	103854	+	C	T	26	rs150040773	NA18909
HBZ	16	202886	202886	+	G	A	33	rs192221643	NA19236
HBZ	16	202898	202898	+	A	C	45	.	NA19129
LUC7L	16	279452	279452	-	G	A	-3	rs116776296	NA18507
PDIA2	16	333030	333030	+	T	A	-88	rs452819	NA19108
PDIA2	16	333143	333143	+	C	A	26	.	NA19236
PDIA2	16	333154	333154	+	G	A	37	rs200174511	NA19235
WDR90	16	699384	699384	+	G	A	22	rs73487415	NA18501
CCDC78	16	776454	776454	-	A	C	20	rs184561163	NA18507
LMF1	16	1021001	1021001	-	C	A	-17	rs13334376	NA19235
TPSB2	16	1280090	1280090	-	G	A	96	rs144649729	NA18517
BAIAP3	16	1384553	1384553	+	C	-	49	rs142934795	NA18507
EME2	16	1823269	1823269	+	A	G	41	rs372940829	NA19116
RPS2	16	2014790	2014790	-	G	A	38	rs116598528	NA19116
RPS2	16	2014797	2014797	-	A	G	31	rs114006682	NA19116
RPS2	16	2014799	2014799	-	A	G	29	.	NA19116
BRICD5	16	2261085	2261085	-	G	A	-16	rs160547	NA19147
BRICD5	16	2261130	2261130	-	G	A	-61	rs114952240	NA18501
ECI1	16	2301599	2301599	-	G	C	4	rs199982693	NA19235
RNPS1	16	2318327	2318327	-	C	G	87	rs161430	NA18498
MIR940	16	2321714	2321714	+	C	T	-34	rs115923364	NA18907
MIR940	16	2321774	2321774	+	C	T	27	rs373947923	NA18907
MIR940	16	2321809	2321809	+	G	A	62	rs149527765	NA19189
CCNF	16	2479482	2479482	+	G	C	88	rs13331598	NA18511
PRSS41	16	2848516	2848516	+	C	T	31	rs143531033	NA18511
LINC00514	16	3039143	3039143	+	T	C	89	rs74005553	NA18507
IL32	16	3115552	3115552	+	C	G	-60	rs184095365	NA18907
IL32	16	3115794	3115794	+	C	T	10	rs149965494	NA18907
IL32	16	3115843	3115843	+	C	T	59	rs73490422	NA18517
ZNF205-AS1	16	3165677	3165677	-	C	T	-78	.	NA18507
OR1F1	16	3254185	3254185	+	C	A	-62	.	NA19235
SRL	16	4292002	4292002	-	C	A	80	rs77545585	NA18498
SRL	16	4292178	4292178	-	A	T	-97	rs13333027	NA18864
GLIS2	16	4382223	4382223	+	C	T	-2	rs377681088	NA18486
PAM16	16	4401284	4401284	-	G	A	90	rs376049272	NA18511
DNAJA3	16	4475782	4475782	+	G	A	-24	rs76896902	NA18523

UBALD1	16	4664883	4664883	-	C	G	45	rs114592617	NA18507
PPL	16	4987104	4987104	-	G	T	33	rs147950365	NA18916
C16orf89	16	5116161	5116161	-	G	A	-15	rs12928193	NA19236
RBFOX1	16	6823879	6823879	+	C	A	70	rs112015760	NA19129
RBFOX1	16	7382773	7382773	+	A	G	23	rs147454622	NA18916
ABAT	16	8814601	8814601	+	C	G	29	rs77651291	NA18523
PMM2	16	8891613	8891613	+	G	C	-57	.	NA18916
PMM2	16	8891665	8891665	+	C	G	-5	.	NA18507
CIITA	16	10971142	10971142	+	G	A	88	rs115659359	NA19147
PRM1	16	11375202	11375202	-	C	G	-10	rs114290778	NA19207
PRM1	16	11375209	11375209	-	G	A	-17	rs74007629	NA18907
PKD1P6	16	15225363	15225363	-	G	C	96	.	NA18517
MPV17L	16	15489683	15489683	+	G	A	73	rs2925566	NA19235
C16orf45	16	15528278	15528278	+	T	C	-47	rs144034654	NA19108
C16orf45	16	15528369	15528369	+	C	G	45	.	NA18909
ABCC6	16	16317423	16317423	-	G	A	-95	.	NA19189
ABCC6P1	16	18582518	18582518	+	C	T	-52	.	NA18907
LOC10272331	16	19078969	19078969	+	-	T	45	rs113575419	NA18916
DNAH3	16	21170764	21170764	-	C	T	-2	rs139863832	NA19225
SLC7A5P2	16	21531693	21531693	-	C	A	73	.	NA18498
OTOA	16	21689776	21689777	+	TA	-	-59	.	NA18923
RRN3P3	16	22449074	22449074	-	-	GGTGGGGA	-38	.	NA18864
UBFD1	16	23568892	23568892	+	A	G	31	rs2234428	NA18864
SLC5A11	16	24857634	24857634	+	C	T	83	.	NA19236
C16orf82	16	27078316	27078316	+	C	T	98	rs192492522	NA19235
IL21R	16	27413404	27413404	+	C	T	-79	.	NA18489
GTF3C1	16	27561228	27561228	-	G	T	24	rs141332877	NA19198
KIAA0556	16	27561415	27561415	+	C	G	-53	rs61743059	NA18864
CLN3	16	28503369	28503369	-	A	T	35	rs73533476	NA18861
SULT1A2	16	28608487	28608487	-	G	A	-96	rs35750053	NA19189
CD19	16	28943233	28943233	+	G	A	-27	.	NA19107
NFATC2IP	16	28962279	28962279	+	G	-	-39	rs371683569	NA18916
ASPHD1	16	29912227	29912227	+	G	A	81	rs116806822	NA18864
HIRIP3	16	30007325	30007325	-	C	T	93	rs56183743	NA19236
FUS	16	31191333	31191333	+	C	T	-98	rs183857307	NA18864
FUS	16	31191429	31191429	+	G	A	-2	.	NA18864
PYCARD-AS1	16	31213152	31213152	+	A	G	-54	rs75471387	NA18517
PYCARD	16	31214132	31214132	-	C	T	-35	rs116026792	NA18864
SLC5A2	16	31494517	31494517	+	T	C	79	rs114050461	NA19207
LOC10192711	16	47892535	47892535	+	G	A	44	rs3903067	NA18489
ABCC12	16	48180605	48180605	-	T	C	77	.	NA18517

NOD2	16	50731022	50731022	+	T	C	-28	rs5743264	NA19189
NOD2	16	50733212	50733212	+	-	TGTTTCT	-49	rs200761103	NA19129
NOD2	16	50733248	50733248	+	C	G	-13	rs192014376	NA18923
LOC643802	16	53405120	53405120	-	C	A	-79	rs113709868	NA18486
AKTIP	16	53537171	53537175	-	GCCCT	-	-1	rs67832054	NA18501
SLC6A2	16	55690529	55690529	+	C	T	-27	rs11568322	NA19116
SLC6A2	16	55705487	55705487	+	A	C	-96	rs111559579	NA18861
CES1P1	16	55794464	55794464	+	G	C	-47	rs3815577	NA18486
CES1P1	16	55794465	55794465	+	G	T	-46	rs3815578	NA18486
CES1P1	16	55794586	55794586	+	C	A	76	rs112657911	NA19189
NUDT21	16	56485250	56485250	-	G	T	12	.	NA19114
NUDT21	16	56485308	56485308	-	-	C	-47	rs199928825	NA19116
OGFOD1	16	56485363	56485363	+	C	A	-61	rs115406181	NA18861
MT3	16	56623336	56623336	+	A	G	70	rs185054318	NA19129
MT1L	16	56651309	56651309	+	G	T	-64	rs4783946	NA18489
MT1F	16	56691760	56691760	+	C	A	-95	rs75969629	NA18864
MT1F	16	56691811	56691811	+	A	T	-44	rs73551701	NA19114
MT1F	16	56691923	56691923	+	T	G	69	rs116633530	NA19108
MT1X	16	56716347	56716347	+	C	A	-35	rs34713543	NA19116
MT1X	16	56716370	56716370	+	C	G	-12	rs139798467	NA19225
MIR6863	16	56938119	56938119	+	T	C	-57	rs34287902	NA18511
MIR6863	16	56938185	56938185	+	G	A	10	rs34018054	NA18511
MIR6863	16	56938187	56938187	+	A	G	12	rs35304757	NA18486
HERPUD1	16	56966079	56966079	+	C	T	78	.	NA18523
CCL22	16	57392602	57392602	+	G	T	-93	rs73557184	NA18507
CNGB1	16	58004927	58004927	-	C	T	94	rs145372900	NA19236
SETD6	16	58549421	58549421	+	G	T	39	rs114296989	NA18916
SNORA46	16	58582565	58582565	-	T	C	-28	rs116734965	NA18486
SNORA76A	16	58593750	58593750	-	C	T	86	.	NA18486
APOOP5	16	59789069	59789069	-	T	G	27	rs74020085	NA18507
CMTM1	16	66600345	66600362	+	GGTCCCA(	-	-5	.	NA19198
CMTM1	16	66600365	66600365	+	G	A	16	.	NA19198
CMTM3	16	66637934	66637934	+	-	GT	-1	.	NA19236
DYNC1LI2	16	66785514	66785514	-	A	G	12	rs200943467	NA18501
HSF4	16	67197309	67197309	+	G	A	22	rs61735433	NA19236
NRN1L	16	67918764	67918764	+	G	T	-17	rs200959258	NA19116
LCAT	16	67978027	67978027	-	A	G	-12	rs201555196	NA19225
SLC12A4	16	67997920	67997920	-	T	C	49	rs3785100	NA18864
DUS2	16	68056764	68056764	+	C	G	-83	rs189530871	NA18501
DUS2	16	68056851	68056851	+	G	A	5	.	NA18486
PRMT7	16	68344899	68344899	+	A	G	23	rs144309972	NA18507

LOC1005060	16	70380720	70380720	-	C	G	-70	.	NA19225
DDX19A	16	70380746	70380746	+	G	A	-78	rs78608487	NA19114
DDX19A	16	70380835	70380835	+	C	A	12	rs151075279	NA19189
TAT	16	71611002	71611003	-	AG	-	-4	rs3057106	NA19108
HP	16	72088431	72088431	+	G	T	-77	.	NA18864
LINC01568	16	73420650	73420650	+	-	G	-54	rs34738010	NA19236
WDR59	16	75019111	75019111	-	A	G	-94	rs111962068	NA18507
CTRB2	16	75241092	75241092	-	C	T	-20	rs188447316	NA19114
CTRB1	16	75252826	75252826	+	G	A	-58	.	NA19129
BCAR1	16	75300670	75300670	-	G	C	38	rs191933786	NA18489
TMEM170A	16	75498315	75498315	-	G	T	-1	.	NA19129
TMEM170A	16	75498600	75498600	-	G	A	36	rs139421284	NA19236
TERF2IP	16	75681625	75681625	+	G	A	-10	rs150116066	NA18907
TERF2IP	16	75681725	75681725	+	C	G	91	rs72563119	NA19147
LINC01229	16	79829127	79829127	+	G	A	-19	rs8052273	NA19116
PKD1L2	16	81254031	81254031	-	C	T	-56	.	NA19207
PKD1L2	16	81254052	81254052	-	G	A	-77	rs7187615	NA18498
BCO1	16	81272261	81272261	+	-	AT	-35	.	NA18511
SDR42E1	16	82045172	82045172	-	A	G	-79	rs13333401	NA19236
HSBP1	16	83841560	83841560	+	G	T	53	rs3743623	NA18864
ADAD2	16	84224675	84224675	+	C	G	-48	rs113421761	NA19236
WFDC1	16	84328391	84328391	+	C	T	80	rs80068047	NA19189
GINS2	16	85722544	85722544	-	G	C	45	rs201895391	NA18511
GINS2	16	85722649	85722649	-	T	C	-61	rs57115773	NA18864
FOXC2	16	86600829	86600829	+	C	T	-28	.	NA19116
ZCCHC14	16	87525413	87525413	-	G	A	48	rs143540032	NA19236
SLC7A5	16	87903046	87903046	-	G	T	55	.	NA18501
CYBA	16	88717478	88717478	-	C	T	15	.	NA18916
SNAI3-AS1	16	88729876	88729876	+	G	A	96	rs3794629	NA18523
SNAI3	16	88752785	88752785	-	G	A	98	rs79013442	NA19129
CTU2	16	88772936	88772936	+	C	G	46	.	NA18501
APRT	16	88878380	88878380	-	G	A	-38	rs8191468	NA18517
GALNS	16	88923353	88923353	-	G	A	22	rs144789309	NA19189
CDH15	16	89238069	89238069	+	G	T	-94	rs116168097	NA18507
CDH15	16	89238142	89238142	+	T	C	-21	rs150648227	NA19189
CDH15	16	89238190	89238190	+	G	A	28	rs12927793	NA18864
SNORD68	16	89627784	89627784	+	C	T	-54	rs368371275	NA19236
SPATA33	16	89724163	89724163	+	C	A	12	rs202019177	NA18486
SPATA33	16	89724487	89724487	+	C	G	33	.	NA18489
VPS9D1-AS1	16	89778202	89778202	+	-	C	-62	.	NA18864
VPS9D1-AS1	16	89778219	89778219	+	A	T	-45	rs28588261	NA18864

VPS9D1-AS1	16	89778224	89778224	+	G	C	-40	rs7206836	NA18864
FANCA	16	89883000	89883000	-	G	C	66	rs76275444	NA18486
TCF25	16	89940084	89940084	+	C	A	91	rs115517842	NA19108
CENPBD1	16	90039333	90039333	-	C	-	-93	rs34239467	NA19236
FAM157C	16	90168695	90168700	+	GCAGCA	-	24	.	NA18864
GLOD4	17	685565	685565	+	C	T	7	rs116557373	NA19129
GLOD4	17	685601	685601	+	G	A	-30	rs189016834	NA19147
ABR	17	982424	982427	-	CACT	-	-38	rs139286905	NA19225
TUSC5	17	1182882	1182883	+	CA	-	-75	.	NA19236
SCARF1	17	1549091	1549091	-	G	A	-8	.	NA18517
RPA1	17	1733240	1733240	+	C	T	-33	.	NA18864
OVCA2	17	1945177	1945177	+	C	A	-100	rs9898571	NA19235
OVCA2	17	1945182	1945182	+	G	A	-95	rs114826587	NA19116
MIR1253	17	2651377	2651377	-	T	A	100	rs7217038	NA18864
OR1A2	17	3100769	3100769	+	G	A	-42	rs16952743	NA19107
OR1D4	17	3143987	3143987	+	G	A	18	.	NA19198
OR3A2	17	3182351	3182351	-	A	G	-83	rs142455113	NA18489
OR3A1	17	3195972	3195972	-	C	T	-96	rs2676604	NA18511
OR3A3	17	3323787	3323787	+	G	A	-75	rs148560545	NA18517
ASPA	17	3379210	3379210	+	T	C	-86	rs114098571	NA18916
TRPV1	17	3496260	3496260	-	T	C	-89	rs61032100	NA19236
ANKFY1	17	4167248	4167248	-	C	G	27	rs114673600	NA18501
MYBBP1A	17	4458622	4458622	-	C	T	60	rs147814334	NA19235
GGT6	17	4463796	4463796	-	G	A	96	rs7216474	NA18909
ALOX15	17	4544958	4544958	-	A	T	3	rs76176096	NA18916
VMO1	17	4689653	4689653	-	A	G	77	rs188599316	NA18501
PSMB6	17	4699507	4699507	+	A	G	69	rs116466042	NA19108
ZFP3	17	4981707	4981707	+	C	G	-47	rs75458352	NA19236
MIS12	17	5389684	5389684	+	C	A	-10	.	NA18507
MED31	17	6554921	6554921	-	A	G	34	rs74504320	NA18511
XAF1	17	6659092	6659092	+	G	A	-64	rs78249496	NA18861
XAF1	17	6659153	6659153	+	G	T	-3	.	NA19236
ASGR2	17	7017617	7017617	-	C	T	13	rs183235231	NA18489
ASGR2	17	7017695	7017695	-	C	T	-66	rs370737268	NA18907
ASGR2	17	7017711	7017711	-	G	A	-82	rs186993423	NA18907
DVL2	17	7137950	7137950	-	C	G	-87	rs222850	NA19129
YBX2	17	7197794	7197794	-	C	A	83	rs222859	NA18501
EIF5A	17	7210383	7210383	+	G	A	66	rs77450485	NA18489
EIF5A	17	7210857	7210857	+	G	A	2	rs9905259	NA18517
ATP1B2	17	7550031	7550031	+	A	G	87	rs73242274	NA19236
TP53	17	7578712	7578715	-	TTTT	-	100	.	NA19189

DNAH2	17	7620702	7620702	+	T	G	31	rs4968206	NA19236
CHD3	17	7788146	7788148	+	GAG	-	24	.	NA18501
SCARNA21	17	7809381	7809381	+	C	T	-60	rs141945730	NA19225
TRAPPC1	17	7835338	7835338	-	G	C	-21	rs77687439	NA19225
ALOX15B	17	7942368	7942368	+	C	T	11	rs187841999	NA18501
MIR6883	17	8048318	8048318	-	A	G	72	rs113376788	NA19147
CTC1	17	8151423	8151423	-	C	T	-10	rs9900352	NA18864
CTC1	17	8151476	8151476	-	C	T	-63	rs9900397	NA18864
SPDYE4	17	8661840	8661840	-	T	C	38	rs114399116	NA19108
SPDYE4	17	8661887	8661887	-	C	T	-10	rs73260161	NA18507
SPDYE4	17	8661888	8661888	-	G	A	-11	rs80154046	NA19114
PIK3R5	17	8815821	8815821	-	C	T	14	rs8080260	NA18498
STX8	17	9479228	9479228	-	G	A	48	rs112816088	NA18864
SCO1	17	10600845	10600845	+	C	T	41	rs140054533	NA18511
MAGOH2P	17	10619872	10619872	-	T	C	28	rs9675034	NA19114
MAGOH2P	17	10619997	10619997	-	T	A	-98	rs150255589	NA18511
CDRT15P1	17	13927816	13927816	+	G	A	2	rs145181214	NA18486
MIR4731	17	15154966	15154966	-	T	A	48	rs66507245	NA19107
CDRT15P2	17	15668116	15668116	+	C	T	100	.	NA18916
MEIS3P1	17	15690101	15690101	+	A	T	-63	.	NA18909
MEIS3P1	17	15690164	15690164	+	T	A	1	.	NA18523
ZSWIM7	17	15903056	15903056	-	A	T	-50	rs79724115	NA18501
LRRC75A-AS	17	16342343	16342343	+	G	A	43	.	NA18489
SNORD49B	17	16342833	16342833	+	T	C	11	rs11871958	NA18916
SNORD65	17	16344525	16344525	+	A	G	-15	rs183500543	NA18501
KRT16P2	17	16736184	16736184	-	G	A	-37	.	NA18907
MED9	17	17380293	17380293	+	G	A	-7	rs77342922	NA18909
PEMT	17	17495038	17495038	-	G	C	-21	rs375828313	NA19189
MIR33B	17	17717339	17717339	-	C	A	-94	rs189267029	NA18523
DRG2	17	17991269	17991269	+	C	T	89	.	NA18909
FLII	17	18161902	18161902	-	G	-	-32	rs150967564	NA18486
MIEF2	17	18164404	18164404	+	C	T	-20	rs2605142	NA18864
KRT16P1	17	18343297	18343297	+	C	T	76	.	NA18916
KRT16P1	17	18343315	18343315	+	-	C	94	.	NA18916
LGALS9C	17	18380144	18380144	+	T	C	46	rs201486606	NA19147
TRIM16L	17	18625485	18625485	+	A	G	84	.	NA19108
PRPSAP2	17	18768870	18768870	+	C	T	89	rs2305061	NA19225
SLC47A2	17	19620034	19620034	-	C	G	10	rs146770799	NA19107
LGALS9B	17	20370938	20370938	-	-	GGT	-90	rs71297931	NA18511
CCDC144NL-	17	20771788	20771788	+	G	A	43	rs77458877	NA19236
TMEM11	17	21117837	21117837	-	T	C	72	rs4985988	NA18489

KCNJ18	17	21308403	21308403	+	C	A	-45	rs3866974	NA19236
KCNJ18	17	21308411	21308411	+	G	A	-37	rs3866975	NA19236
FLJ36000	17	21904022	21904022	+	A	G	-40	rs435372	NA18864
FLJ36000	17	21904093	21904093	+	A	G	32	rs76302591	NA18501
FLJ36000	17	21904114	21904114	+	A	G	53	rs75848292	NA18501
WSB1	17	25621173	25621173	+	C	T	68	rs188344504	NA18864
POLDIP2	17	26684673	26684673	+	T	C	-61	rs200345556	NA19114
MIR4723	17	26687621	26687621	+	A	G	-56	rs75138104	NA19114
FOXN1	17	26850905	26850905	+	G	T	-54	rs59863978	NA18501
FOXN1	17	26850929	26850929	+	A	-	-30	.	NA19116
FOXN1	17	26850931	26850931	+	T	C	-28	.	NA19116
FOXN1	17	26850996	26850996	+	G	A	38	rs146390262	NA18489
SNORD42B	17	27047543	27047543	+	G	A	-25	rs181681889	NA19207
MIR4732	17	27188749	27188749	-	G	A	-1	rs116748591	NA18511
DHRS13	17	27230023	27230023	-	G	C	67	.	NA19116
NUFIP2	17	27621142	27621142	-	T	G	25	rs181373149	NA18523
CORO6	17	27948507	27948507	-	G	A	-66	rs114668106	NA18923
CPD	17	28706011	28706011	+	C	A	70	rs181199485	NA18486
TEFM	17	29233368	29233368	-	G	A	-82	rs140891997	NA18501
UTP6	17	30228794	30228794	-	A	G	-65	rs146102986	NA19207
ARGFXP2	17	30478544	30478544	-	T	C	47	rs138405190	NA18486
PSMD11	17	30771531	30771531	+	-	GAGC	51	.	NA18916
LOC1019272:	17	32510666	32510666	-	G	C	-15	rs144643985	NA19236
CCL2	17	32582236	32582236	+	T	C	-60	rs74988151	NA19147
CCL7	17	32597182	32597182	+	C	T	-53	rs115563056	NA18916
CCL11	17	32612623	32612623	+	T	C	-64	rs115764380	NA18907
CCL13	17	32683558	32683558	+	G	T	88	rs3136677	NA18916
CCL1	17	32690251	32690251	-	G	C	2	rs41486446	NA19116
C17orf102	17	32906403	32906403	-	A	G	-15	rs115305957	NA19236
CCT6B	17	33288434	33288434	-	A	-	95	rs368850951	NA19235
SLFN12L	17	33814758	33814758	-	T	C	0	rs4796089	NA18489
CCL16	17	34308492	34308492	-	G	A	41	rs116077102	NA19116
CCL16	17	34308523	34308523	-	G	A	10	.	NA18923
CCL18	17	34391721	34391721	+	G	A	90	rs73290772	NA18517
ZNHIT3	17	34842567	34842567	+	C	T	97	rs139241535	NA18507
DDX52	17	36003398	36003398	-	T	C	96	rs35320837	NA19235
DDX52	17	36003516	36003516	-	T	A	-23	rs144273235	NA18916
GPR179	17	36499612	36499612	-	C	G	82	rs150616884	NA18923
GPR179	17	36499776	36499776	-	G	A	-83	rs149349253	NA19198
CWC25	17	36981540	36981540	-	C	G	64	rs74911492	NA18486
C17orf98	17	36997710	36997710	-	C	A	-68	rs190263024	NA19207

RPL23	17	37009974	37009974	-	G	C	80	rs200078722	NA18511
STAC2	17	37381971	37381971	-	G	C	70	rs180780608	NA19114
IKZF3	17	38020402	38020402	-	G	C	40	.	NA19147
GSDMA	17	38119254	38119254	+	G	T	29	rs3902025	NA18489
MIR6866	17	38318254	38318254	+	G	A	69	rs200097668	NA18523
MIR6867	17	38349898	38349898	+	T	C	50	rs202050374	NA18923
CCR7	17	38716561	38716561	-	T	C	86	rs3136688	NA18498
KRT12	17	39023381	39023381	-	G	A	82	rs17566772	NA19235
KRT23	17	39093885	39093885	-	A	C	11	rs7214898	NA18909
KRTAP3-3	17	39150329	39150329	-	T	G	57	rs368049744	NA18501
KRTAP1-3	17	39191010	39191016	-	AGCCGCA	-	98	.	NA18501
KRTAP1-3	17	39191088	39191088	-	G	C	20	rs145204764	NA19147
KRTAP1-3	17	39191162	39191162	-	G	T	-55	rs71212950	NA18489
KRTAP1-1	17	39197663	39197664	-	GA	-	51	.	NA18489
KRTAP2-3	17	39216301	39216301	-	-	C	44	.	NA18864
KRTAP2-3	17	39216302	39216302	-	T	G	43	rs201832186	NA18864
KRTAP2-3	17	39216305	39216317	-	GTGTCTGAG	-	40	.	NA19129
KRTAP2-3	17	39216334	39216334	-	G	A	11	rs140808126	NA18517
KRTAP2-4	17	39222068	39222068	-	C	G	64	rs508285	NA19107
KRTAP2-4	17	39222173	39222173	-	C	A	-42	.	NA18511
KRTAP2-4	17	39222193	39222193	-	C	G	-62	rs144555771	NA19107
KRTAP4-7	17	39240483	39240483	+	G	C	25	.	NA19236
KRTAP4-8	17	39254291	39254291	-	C	T	85	rs145782610	NA18511
KRTAP4-11	17	39274562	39274562	-	T	C	45	rs187283337	NA19198
KRTAP4-12	17	39280471	39280471	-	T	A	-52	rs147845201	NA19129
KRTAP4-3	17	39324346	39324346	-	-	TTT	79	.	NA18861
KRTAP4-3	17	39324347	39324347	-	G	T	78	.	NA19225
KRTAP4-3	17	39324348	39324348	-	C	T	77	rs201948308	NA19225
KRTAP4-1	17	39341048	39341048	-	C	T	100	rs61750924	NA18523
KRTAP9-1	17	39346197	39346197	+	G	A	59	rs139370444	NA18909
KRTAP9-2	17	39382831	39382831	+	G	A	-69	rs185434515	NA18486
KRTAP9-2	17	39382850	39382850	+	C	T	-50	.	NA19129
KRTAP9-3	17	39388664	39388664	+	C	T	-51	rs138828187	NA18909
KRTAP9-8	17	39394300	39394300	+	C	T	31	rs151121458	NA18511
KRTAP9-8	17	39394320	39394320	+	C	T	51	rs35424651	NA18486
KRTAP9-9	17	39411694	39411694	+	G	C	59	.	NA19129
KRTAP9-9	17	39411696	39411696	+	A	G	61	.	NA19129
KRTAP9-9	17	39411698	39411698	+	C	A	63	.	NA19129
KRT33A	17	39506982	39506982	-	C	T	83	rs143698304	NA18923
KRT33A	17	39507134	39507134	-	C	A	-70	rs147221755	NA18517
KRT37	17	39580816	39580816	-	G	C	7	rs72485487	NA18864

KRT14	17	39743165	39743165	-	G	A	-18	.	NA19107
KLHL11	17	40021747	40021786	-	;AGCAGCGC	-	-63	.	NA18523
HSPB9	17	40274802	40274802	+	G	A	47	rs140402430	NA18486
TUBG1	17	40761317	40761317	+	G	A	-41	rs144776175	NA18498
TUBG1	17	40761353	40761353	+	C	A	-5	rs148592159	NA19108
FAM134C	17	40761530	40761530	-	G	-	-85	.	NA19114
CNTNAP1	17	40834653	40834654	+	AG	-	22	.	NA18861
BECN1	17	40976245	40976245	-	G	A	66	rs73983761	NA18923
SOST	17	41836174	41836174	-	C	T	-18	.	NA19236
G6PC3	17	42148182	42148182	+	T	C	85	rs149756661	NA19108
MIR6782	17	42285296	42285296	-	C	T	-89	rs200548715	NA18864
ITGA2B	17	42466961	42466961	-	G	A	-88	rs78081038	NA19108
MAP3K14-AS	17	43339350	43339350	+	C	G	-97	rs145527383	NA19108
LRRC37A2	17	44590122	44590122	+	G	A	47	.	NA18507
CDC27	17	45266579	45266579	-	C	A	100	rs2285591	NA19116
ITGB3	17	45331267	45331267	+	G	A	60	rs115600591	NA18907
MRPL45P2	17	45570072	45570072	-	A	G	-86	.	NA19114
OSBPL7	17	45899172	45899172	-	C	T	-25	rs114484115	NA18489
PNPO	17	46018927	46018927	+	G	A	39	rs116464338	NA19236
MIR152	17	46114692	46114692	-	C	G	-79	rs41280120	NA18501
MIR1203	17	46233945	46233945	-	C	T	-72	rs139632134	NA19207
HOXB2	17	46622348	46622348	-	-	C	46	rs138169880	NA18864
HOXB5	17	46671063	46671063	-	C	-	41	.	NA18517
HOXB5	17	46671162	46671162	-	C	A	-59	rs145148229	NA19116
TLL6	17	46894377	46894377	-	A	C	93	rs3959442	NA18864
SNF8	17	47022100	47022100	-	C	T	55	rs200172513	NA19147
GNGT2	17	47287932	47287932	-	G	A	5	rs73338394	NA18861
FAM117A	17	47841595	47841595	-	A	C	-77	.	NA18486
SGCA	17	48243394	48243394	+	G	A	29	rs149296410	NA19116
TMEM92	17	48351752	48351752	+	C	T	-36	rs146113125	NA18861
EME1	17	48450621	48450621	+	T	G	41	rs186932275	NA18486
MYCBPAP	17	48585734	48585734	+	C	T	-11	rs75639658	NA18864
LINC00483	17	48844891	48844891	-	G	A	-15	rs3744518	NA19107
UTP18	17	49337883	49337883	+	G	A	-14	rs116316923	NA19116
TOM1L1	17	52978103	52978103	+	C	G	52	rs367846587	NA19236
ANKFN1	17	54230893	54230893	+	T	C	58	rs200041339	NA18486
COIL	17	55038428	55038428	-	G	T	-17	rs73991748	NA19129
SCPEP1	17	55055527	55055527	+	C	G	60	rs34108204	NA18498
MRPS23	17	55927488	55927488	-	C	G	-55	rs116500404	NA18907
SRSF1	17	56084721	56084721	-	G	A	-14	rs116247844	NA18523
OR4D1	17	56232461	56232463	+	TTG	-	-54	.	NA18489

OR4D2	17	56247078	56247078	+	G	A	62	rs73323532	NA18489
BZRAP1-AS1	17	56402737	56402737	+	C	A	-74	rs150782940	NA19198
MTMR4	17	56595237	56595237	-	C	G	15	.	NA18501
CLTC	17	57696973	57696973	+	C	T	-77	rs3803861	NA18916
RNFT1	17	58042126	58042126	-	T	C	-9	rs76419616	NA18864
TBC1D3P1-D	17	58096419	58096419	-	A	T	-83	rs150180044	NA18489
HEATR6	17	58156290	58156290	-	-	T	3	.	NA18489
LOC388406	17	58641910	58641910	+	A	G	4	.	NA19189
LOC388406	17	58641915	58641915	+	A	C	9	.	NA19189
TBX4	17	59533782	59533782	+	A	G	-25	.	NA18486
METTL2A	17	60501249	60501249	+	-	);TCCGGTGT	4	.	NA18523
ACE	17	61562171	61562171	+	G	A	-7	rs12720723	NA18498
PSMC5	17	61905138	61905138	+	A	G	95	rs182284542	NA19189
CSH2	17	61951036	61951036	-	T	C	54	.	NA18489
GH2	17	61959217	61959217	-	G	C	86	rs371281899	NA18501
GH2	17	61959221	61959221	-	C	G	82	.	NA19116
GH2	17	61959224	61959224	-	T	G	79	.	NA19116
CSHL1	17	61988550	61988550	-	C	G	69	rs41295025	NA18907
CSHL1	17	61988561	61988561	-	G	A	58	rs145058675	NA18907
CSHL1	17	61988713	61988713	-	C	T	-95	rs149331521	NA18907
GH1	17	61996183	61996183	-	T	C	30	rs9282699	NA18486
GH1	17	61996189	61996189	-	T	C	24	rs370080186	NA18907
PECAM1	17	62407007	62407007	-	T	C	77	rs7220554	NA19198
PECAM1	17	62407108	62407108	-	G	A	-25	rs79977344	NA18486
POLG2	17	62493212	62493212	-	G	A	-28	rs113949663	NA18511
MIR3064	17	62496924	62496924	-	T	A	34	rs200967986	NA19114
CACNG1	17	65040582	65040582	+	G	A	-70	rs115886554	NA18916
RPL38	17	72199834	72199834	+	C	T	40	rs76291586	NA19108
FDXR	17	72869078	72869078	-	A	G	79	rs492095	NA18501
SLC25A19	17	73285461	73285461	-	A	C	70	rs2291033	NA18489
RECQL5	17	73663293	73663293	+	G	T	-24	rs146421939	NA19198
TEN1	17	73975227	73975227	+	-	C	-71	rs200824937	NA19114
EXOC7	17	74099902	74099902	-	A	G	-34	rs41282079	NA19107
QRICH2	17	74303665	74303665	-	C	A	97	rs146819251	NA19108
8-Sep	17	75471233	75471233	+	G	A	-92	rs2898648	NA19116
LOC1001321	17	75724614	75724614	-	C	G	28	rs8073112	NA18489
DNAH17-AS1	17	76480957	76480957	+	G	T	-35	rs185564764	NA19235
ENGASE	17	77071002	77071002	+	C	G	-17	rs8076010	NA19116
ENPP7	17	77704951	77704951	+	C	T	87	rs73410354	NA18909
CBX8	17	77770922	77770922	-	T	C	-7	.	NA18909
BAIAP2	17	79008945	79008945	+	G	A	-2	.	NA18909

MIR1250	17	79107018	79107018	-	T	-	91	rs148953276	NA19235
AATK-AS1	17	79139280	79139280	+	G	A	-27	rs73370025	NA19107
ENTHD2	17	79212851	79212851	-	G	T	41	rs73356088	NA18909
TSPAN10	17	79609389	79609389	+	C	T	59	.	NA18489
PDE6G	17	79623591	79623591	-	C	T	17	rs56125934	NA19116
DCXR	17	79995538	79995538	-	G	A	36	rs191302793	NA19236
SLC16A3	17	80192778	80192778	+	C	G	4	rs4077540	NA18498
SLC16A3	17	80192834	80192834	+	C	T	60	rs146003680	NA19236
MIR6787	17	80194561	80194561	+	A	T	18	rs201523090	NA18498
MIR8078	18	112249	112249	-	C	G	91	.	NA18923
MIR8078	18	112262	112262	-	T	G	78	.	NA18523
MIR8078	18	112270	112270	-	C	T	70	.	NA18501
MIR8078	18	112282	112282	-	C	A	58	.	NA19207
MIR8078	18	112295	112295	-	G	T	45	.	NA18498
MIR8078	18	112308	112308	-	G	T	32	.	NA18498
MIR8078	18	112310	112310	-	C	T	30	.	NA18498
MIR8078	18	112321	112321	-	G	T	19	.	NA19207
MIR8078	18	112325	112325	-	A	G	15	.	NA19207
NDC80	18	2571561	2571561	+	C	T	52	rs146984892	NA18498
MYOM1	18	3220050	3220050	-	G	A	57	rs1791133	NA19116
GAPLINC	18	3466347	3466347	+	C	G	100	.	NA19236
LAMA1	18	7117796	7117796	-	C	G	18	.	NA18486
CEP76	18	12702705	12702705	-	G	C	72	rs35699948	NA18486
LOC644669	18	15326010	15326010	-	C	T	-92	.	NA18916
ABHD3	18	19284704	19284705	-	AC	-	63	.	NA18511
ABHD3	18	19284705	19284705	-	-	GAGA	62	.	NA18861
ABHD3	18	19284708	19284708	-	-	AGA	59	.	NA18511
IMPACT	18	22006694	22006694	+	C	T	86	rs369502189	NA18507
HRH4	18	22040495	22040495	+	G	A	-98	rs615283	NA19207
SS18	18	23670632	23670632	-	T	G	-21	rs112442364	NA19189
AQP4	18	24442587	24442587	-	G	A	-12	.	NA19116
B4GALT6	18	29264600	29264600	-	G	A	87	rs182517788	NA19236
SLC25A52	18	29340886	29340886	-	C	G	-43	rs73956474	NA19147
RNF138	18	29672593	29672593	+	G	-	25	rs28364713	NA18861
WBP11P1	18	30091614	30091614	+	C	T	-12	rs376293885	NA19236
C18orf21	18	33552583	33552583	+	G	A	-5	.	NA18517
PIK3C3	18	39535156	39535156	+	C	G	-43	.	NA18498
PIK3C3	18	39535159	39535159	+	A	G	-40	.	NA18498
RIT2	18	40695741	40695742	-	TC	-	-84	rs377221625	NA19107
PSTPIP2	18	43652203	43652203	-	G	A	48	rs8085444	NA18907
ATP5A1	18	43684154	43684154	-	G	-	46	rs142998162	NA18864

RNF165	18	43914264	43914264	+	C	G	78	rs79121450	NA18517
LOXHD1	18	44139336	44139336	-	G	A	-66	rs115062504	NA18523
C18orf32	18	47013626	47013626	-	G	T	19	rs74483357	NA18864
MRO	18	48346417	48346417	-	T	G	18	rs55661535	NA18864
C18orf54	18	51884343	51884343	+	G	T	57	rs1787821	NA18916
TCF4	18	53303142	53303142	-	T	C	83	rs9955956	NA18501
NEDD4L	18	55862671	55862671	+	G	T	50	.	NA19235
NEDD4L	18	55862676	55862676	+	C	T	55	rs138460994	NA19235
LMAN1	18	57026528	57026528	-	T	C	-20	rs371000446	NA19114
KIAA1468	18	59854518	59854518	+	G	T	-6	rs111625064	NA19236
KIAA1468	18	59854538	59854538	+	G	A	15	rs114799490	NA19116
BCL2	18	60986549	60986549	-	C	G	65	rs1473418	NA19236
KDSR	18	61034420	61034420	-	T	G	87	rs402348	NA18907
TMX3	18	66382275	66382275	-	G	C	79	rs76594176	NA19189
CYB5A	18	71959219	71959219	-	G	-	33	rs369980435	NA19108
LINC00909	18	72264992	72264992	-	T	C	80	rs185707001	NA18517
ZNF407	18	72342869	72342869	+	T	G	-50	rs3794944	NA18501
SMIM21	18	73139571	73139571	-	G	A	88	rs115713276	NA18916
ZNF236	18	74536058	74536060	+	CTG	-	-58	rs146838454	NA18923
ATP9B	18	76829437	76829437	+	G	T	41	rs116790577	NA18907
CTDP1	18	77441355	77441355	+	T	G	-75	rs618342	NA19107
PARD6G-AS1	18	77905802	77905802	+	G	A	-5	rs58103655	NA18489
OR4F17	19	110660	110660	+	G	A	-19	rs372121956	NA19129
MIR4745	19	804988	804988	+	C	T	49	rs199821886	NA19236
PRTN3	19	841019	841019	+	G	A	35	rs140104242	NA18489
ELANE	19	852234	852234	+	C	T	-57	rs17216607	NA18511
ELANE	19	852288	852288	+	C	A	-3	rs17216614	NA19116
POLR2E	19	1095352	1095352	-	C	G	40	rs17554924	NA18507
POLR2E	19	1095355	1095355	-	C	T	37	rs17554917	NA18507
TCF3	19	1650258	1650258	-	C	G	29	rs114650053	NA18916
MIR1909	19	1816176	1816176	-	A	G	62	rs199686292	NA18909
MIR1227	19	2234086	2234086	-	A	T	63	rs74807305	NA18489
MIR1227	19	2234093	2234093	-	C	T	56	rs190788838	NA19235
GADD45B	19	2476157	2476157	+	C	T	35	rs142805236	NA19116
ZNF57	19	2900827	2900827	+	G	C	-69	rs35520749	NA18507
AES	19	3062950	3062950	-	G	A	15	rs74813451	NA18916
AES	19	3062986	3062986	-	C	-	-22	rs201252306	NA18523
FZR1	19	3522889	3522889	+	C	T	-65	.	NA19235
C19orf71	19	3539214	3539214	+	-	CCTCGGGG	60	rs145736894	NA18864
TJP3	19	3721600	3721600	+	C	T	-97	rs188486917	NA19236
NMRK2	19	3933124	3933124	+	C	G	24	rs16992128	NA19236

EEF2	19	3985399	3985399	-	T	A	63	rs201347619	NA18907
EEF2	19	3985417	3985417	-	A	G	45	.	NA18501
EEF2	19	3985427	3985427	-	T	C	35	rs377104055	NA19236
EEF2	19	3985499	3985499	-	G	A	-38	rs181807558	NA18517
EBI3	19	4229483	4229483	+	C	T	-57	rs138856303	NA18861
SHD	19	4278502	4278502	+	C	T	-96	rs4807567	NA18498
PLIN4	19	4517799	4517799	-	C	T	-83	rs55796149	NA19207
LRG1	19	4540003	4540003	-	C	T	34	rs115514161	NA19198
LRG1	19	4540004	4540004	-	G	A	33	rs116733978	NA18489
MIR7-3	19	4770747	4770747	+	C	T	66	rs146575140	NA18486
SAFB	19	5623060	5623060	+	G	A	15	rs76654244	NA19225
RPL36	19	5690367	5690367	+	C	T	22	rs112374868	NA18907
CATSPERD	19	5720774	5720774	+	C	G	87	rs77103649	NA18501
NRTN	19	5823903	5823903	+	G	A	86	rs3763046	NA19116
CAPS	19	5914291	5914291	+	A	C	99	.	NA18511
ACER1	19	6333650	6333650	-	G	A	-10	.	NA18916
TNFSF9	19	6530935	6530954	+	GTGGCCGC	-	-75	.	NA18486
TNFSF9	19	6530990	6530990	+	T	C	-20	rs2234172	NA19116
TRIP10	19	6739724	6739724	+	G	A	32	rs190870479	NA18907
ADGRE1	19	6887464	6887464	+	C	-	-96	.	NA18501
PNPLA6	19	7600549	7600549	+	T	C	-40	rs7248476	NA18486
PNPLA6	19	7600620	7600620	+	G	T	32	rs183926824	NA19108
PET100	19	7694662	7694662	+	T	C	-9	rs3760675	NA18517
LYPLA2P2	19	7945029	7945029	-	G	A	89	rs111310860	NA18861
FBN3	19	8212386	8212386	-	G	A	-1	rs180754601	NA19129
FBN3	19	8212484	8212484	-	C	T	-99	rs181722722	NA19107
NDUFA7	19	8386269	8386269	-	A	C	12	.	NA18864
PRAM1	19	8567548	8567548	-	A	G	-10	rs968500	NA18864
ACTL9	19	8809187	8809187	-	C	T	-7	rs62117993	NA19116
OR7G3	19	9237690	9237690	-	T	-	-64	rs201884845	NA18864
OR7E24	19	9361761	9361761	+	G	A	42	rs200395125	NA19129
SNORD105	19	10218408	10218408	+	G	A	82	rs2305790	NA18523
SNORD105	19	10218409	10218409	+	G	C	83	rs184113513	NA19107
SNORD105B	19	10220458	10220460	+	CTG	-	34	rs143349720	NA18861
EIF3G	19	10230531	10230531	-	G	A	69	rs200361874	NA18923
EIF3G	19	10230550	10230550	-	T	C	50	rs111962472	NA19207
MRPL4	19	10362656	10362656	+	C	T	17	rs57336375	NA18517
ICAM1	19	10381503	10381503	+	T	C	-14	rs75973524	NA19107
RAVER1	19	10444360	10444360	-	A	G	-46	.	NA18486
CDC37	19	10514264	10514264	-	A	G	8	rs28382772	NA19107
CDC37	19	10514299	10514299	-	G	T	-28	rs28382769	NA19107

MIR1238	19	10662838	10662838	+	T	G	41	.	NA19235
QTRT1	19	10812054	10812054	+	G	A	-58	rs116637221	NA18861
C19orf80	19	11350326	11350326	+	G	A	32	rs59168178	NA19235
PRKCSH	19	11546034	11546034	+	C	T	-44	rs60213771	NA18923
CCDC151	19	11546599	11546599	+	G	T	5	rs78515852	NA18489
ZNF440	19	11925049	11925049	+	C	G	-58	.	NA19236
ZNF700	19	12035955	12035955	+	T	-	73	.	NA19114
ZNF490	19	12721594	12721594	-	A	C	30	rs114954075	NA18907
FBXW9	19	12807485	12807485	-	C	T	-30	rs114172571	NA18498
SNORD41	19	12817294	12817294	-	C	G	39	rs140453870	NA19236
ASNA1	19	12848341	12848341	+	T	G	36	.	NA18523
BEST2	19	12863396	12863396	+	C	T	-11	rs79610021	NA18498
MIR6515	19	13051290	13051290	+	G	A	-8	rs201985882	NA18486
STX10	19	13261149	13261149	-	C	A	40	.	NA19147
MRI1	19	13875421	13875421	+	C	T	85	rs79169978	NA18861
ADGRE2	19	14887790	14887790	-	A	G	-51	rs12973880	NA19189
OR7C1	19	14910900	14910900	-	A	T	49	rs149561973	NA18923
OR7A10	19	14952709	14952709	-	-	GAG	-20	.	NA19189
OR7A10	19	14952711	14952711	-	-	G	-22	.	NA19189
OR7C2	19	15052258	15052258	+	G	A	-43	rs79031710	NA18498
OR7C2	19	15052278	15052278	+	T	G	-23	rs185734559	NA19189
PGLYRP2	19	15590332	15590332	-	G	A	-17	rs111652615	NA19198
OR10H5	19	15904891	15904891	+	A	C	33	rs142998354	NA19235
UCA1	19	15939692	15939692	+	C	T	-65	rs7259139	NA18498
FAM32A	19	16296241	16296241	+	A	C	30	rs146095719	NA19108
HAUS8	19	17186345	17186345	-	T	G	-2	rs143850959	NA18864
MYO9B	19	17186520	17186520	+	T	-	-71	rs113610362	NA18511
USE1	19	17326204	17326204	+	G	A	50	rs79273849	NA18501
OCEL1	19	17337025	17337025	+	C	T	13	rs2288544	NA19129
ABHD8	19	17414340	17414340	-	C	-	-58	.	NA19236
DDA1	19	17420329	17420329	+	A	G	-8	rs78023942	NA19129
PLVAP	19	17488147	17488147	-	G	A	12	rs143692699	NA18909
PLVAP	19	17488166	17488166	-	-	G	-8	rs147983660	NA18909
PLVAP	19	17488168	17488168	-	G	A	-10	.	NA19198
NXNL1	19	17571744	17571744	-	T	C	-19	rs7248402	NA18907
SLC27A1	19	17581319	17581319	+	-	CGCG	67	.	NA18864
MAP1S	19	17830365	17830365	+	C	T	63	rs139755294	NA18864
RPL18A	19	17970627	17970627	+	C	G	-60	rs1000262	NA18916
ARRDC2	19	18118931	18118931	+	C	-	-46	rs149842719	NA18501
PGPEP1	19	18451361	18451361	+	C	G	-36	rs7251109	NA18501
MIR3189	19	18497434	18497434	+	G	T	63	.	NA19236

DDX49	19	19030448	19030448	+	A	G	-36	rs145936488	NA19107
TMEM161A	19	19249294	19249294	-	C	A	17	rs369500039	NA18489
RFXANK	19	19302995	19302995	+	T	C	-13	rs141324009	NA18501
CILP2	19	19649007	19649007	+	C	T	-67	rs10401822	NA19225
ZNF90	19	20188823	20188823	+	T	C	21	rs73536227	NA19129
ZNF826P	19	20607776	20607776	-	C	T	-5	rs149877816	NA18909
ZNF493	19	21579878	21579878	+	G	T	-43	rs77933789	NA18909
ZNF257	19	22235285	22235285	+	T	G	20	.	NA18864
ZNF729	19	22469275	22469275	+	T	C	24	.	NA18909
ZNF492	19	22817127	22817127	+	T	G	2	rs201523211	NA18523
ZNF99	19	22966976	22966976	-	C	T	-3	rs7248706	NA18523
IPO5P1	19	23457072	23457072	-	T	C	-19	rs11671749	NA19198
LOC10192711	19	28284278	28284278	+	C	A	-97	rs7248370	NA19236
POP4	19	30097181	30097181	+	G	C	12	rs200889529	NA19116
TSHZ3	19	31840191	31840191	-	G	-	-1	rs71173962	NA18864
PDCD5	19	33072118	33072118	+	C	G	25	rs11084660	NA19114
CEBPG	19	33865476	33865476	+	A	G	47	rs115719755	NA18523
GPI	19	34856125	34856125	+	-	T	94	rs151025852	NA18861
SCGB2B2	19	35085475	35085475	-	G	A	16	rs201549212	NA19207
GRAMD1A	19	35491326	35491326	+	-	GCCCT	81	rs3072398	NA18864
FXYD3	19	35606769	35606769	+	G	A	38	rs78058541	NA18489
MIR6887	19	35613689	35613689	+	G	A	86	rs35578165	NA19198
FAM187B	19	35719667	35719667	-	-	A	-39	.	NA18923
MIR5196	19	35836323	35836323	+	-	AAAA	-93	.	NA19225
MIR5196	19	35836325	35836325	+	-	AAC	-91	.	NA18923
UPK1A-AS1	19	36164122	36164122	-	-	G	72	.	NA18486
UPK1A-AS1	19	36164123	36164123	-	T	C	71	.	NA18486
U2AF1L4	19	36236357	36236357	-	A	T	-14	rs140009818	NA18909
PSENN	19	36236456	36236456	+	G	C	-22	rs143603106	NA18489
HSPB6	19	36247881	36247881	-	G	A	50	rs200536955	NA18507
ARHGAP33	19	36266469	36266469	+	C	T	53	.	NA19108
NPHS1	19	36342879	36342879	-	C	T	17	rs79692855	NA18916
KIRREL2	19	36347779	36347779	+	G	A	-31	rs112703866	NA18916
HCST	19	36393465	36393475	+	TGCCAGACC	-	84	.	NA19235
OVOL3	19	36602133	36602133	+	G	A	29	rs73928393	NA18523
TBCB	19	36605859	36605859	+	G	A	-29	.	NA19147
POLR2I	19	36606288	36606288	-	G	C	-82	rs2231572	NA18861
ZNF790-AS1	19	37288454	37288454	+	C	T	3	rs826967	NA18498
ZNF793-AS1	19	37997955	37997955	-	A	T	35	rs116259098	NA18517
ZNF793-AS1	19	37998034	37998034	-	G	A	-45	rs73632224	NA19108
ZNF571	19	38085669	38085669	+	T	C	25	rs73617179	NA18498

ZNF781	19	38183232	38183232	-	A	C	-16	rs7258385	NA19236
ZNF607	19	38210159	38210159	-	C	T	-70	rs149183824	NA19236
C19orf33	19	38794750	38794750	+	G	A	-54	rs3816044	NA19107
C19orf33	19	38794786	38794786	+	T	G	-18	rs76682100	NA19107
C19orf33	19	38794830	38794830	+	C	A	27	rs114727482	NA19129
SPRED3	19	38880884	38880884	+	G	T	45	rs147099334	NA18486
RYR1	19	38924382	38924405	+	:GCCCCAG	-	43	.	NA19198
MAP4K1	19	39108723	39108723	-	C	T	-48	rs2277941	NA18923
LGALS7	19	39264103	39264103	-	G	A	55	.	NA18861
LGALS7	19	39264130	39264130	-	C	T	28	.	NA18916
SIRT2	19	39384769	39384769	-	C	T	27	rs142696644	NA18507
IFNL3	19	39735516	39735516	-	A	G	96	.	NA18489
IFNL3	19	39735523	39735523	-	C	T	89	rs140951294	NA18864
IFNL3	19	39735535	39735535	-	C	A	77	rs141536970	NA19235
IFNL3	19	39735632	39735632	-	G	A	-21	rs141678286	NA19129
PAF1	19	39881859	39881859	-	G	T	-24	rs192156982	NA18501
ZFP36	19	39897428	39897428	+	C	A	-59	rs17885023	NA19189
RPS16	19	39926547	39926547	-	T	C	72	rs201121247	NA18498
DLL3	19	39989474	39989474	+	C	T	-83	.	NA18501
LGALS14	19	40194866	40194866	+	C	T	-80	rs2286757	NA19225
FBL	19	40336960	40336960	-	G	C	95	rs73550482	NA19198
FBL	19	40337045	40337045	-	T	C	10	rs112664534	NA19116
FBL	19	40337055	40337055	-	C	A	-1	rs144604410	NA19116
FBL	19	40337059	40337059	-	C	G	-5	rs139793566	NA19116
FBL	19	40337079	40337079	-	C	T	-25	.	NA19116
ZNF546	19	40502919	40502919	+	A	G	-24	rs234324	NA19116
ZNF780A	19	40596802	40596802	-	G	T	9	rs7260610	NA18489
CNTD2	19	40732536	40732536	-	C	G	62	.	NA19235
CNTD2	19	40732543	40732543	-	C	A	55	.	NA19235
MIR641	19	40788644	40788644	-	G	A	-96	rs75464838	NA19108
MIR6796	19	40875811	40875811	+	G	A	59	rs112274606	NA18507
MIA-RAB4B	19	41281506	41281506	+	C	T	65	rs76553632	NA19108
RAB4B	19	41284188	41284188	+	G	T	65	rs116196678	NA18916
CYP2B6	19	41497256	41497256	+	T	C	53	rs34477445	NA19189
CCDC97	19	41816151	41816151	+	C	T	58	rs61747007	NA19189
TMEM91	19	41883090	41883090	+	G	T	-79	rs114196766	NA19129
TMEM91	19	41883121	41883125	+	AGAAT	-	-48	rs112508234	NA18907
BCKDHA	19	41903699	41903699	+	T	G	6	rs45500792	NA18864
ATP5SL	19	41945481	41945482	-	TG	-	0	rs150550664	NA19129
ATP5SL	19	41945560	41945560	-	C	A	-79	rs78886070	NA18909
CEACAM21	19	42082485	42082485	+	C	T	-46	rs187573219	NA18864

CEACAM21	19	42082486	42082486	+	G	A	-45	rs147772504	NA19129
CEACAM5	19	42212438	42212438	+	A	G	-92	rs186006568	NA19225
CEACAM5	19	42212613	42212613	+	C	T	84	rs45537140	NA18501
CD79A	19	42381262	42381262	+	G	A	73	rs75643913	NA19147
ARHGEF1	19	42388370	42388370	+	A	T	-76	rs376898135	NA18861
RABAC1	19	42463628	42463628	-	-	ACTATGATGC	-100	.	NA19107
LOC1005056:	19	42636761	42636761	+	G	T	-20	.	NA18511
CNFN	19	42894400	42894400	-	T	C	45	rs115330449	NA19108
PSG3	19	43244660	43244660	-	G	A	9	rs150460089	NA19107
PSG3	19	43244741	43244741	-	-	CTT	-73	.	NA19225
PSG3	19	43244748	43244748	-	T	C	-80	.	NA19225
LOC1002896:	19	43326062	43326062	+	A	G	48	rs10402596	NA18909
PSG10P	19	43359915	43359915	-	T	C	-45	rs182462757	NA18486
PSG1	19	43383916	43383916	-	T	G	-45	rs114909587	NA19116
PSG6	19	43422033	43422033	-	C	T	44	rs149511799	NA19116
PSG6	19	43422069	43422069	-	C	T	8	rs116118067	NA19108
PSG6	19	43422089	43422089	-	G	A	-13	rs189219143	NA19235
PSG7	19	43441272	43441272	-	G	A	59	rs145389258	NA19108
PSG7	19	43441316	43441316	-	T	G	15	.	NA19207
PSG7	19	43441372	43441372	-	T	C	-42	rs141638283	NA19198
PSG11	19	43530595	43530595	-	G	T	37	rs186031941	NA19198
PSG2	19	43586965	43586965	-	G	A	-72	.	NA18923
PSG4	19	43709876	43709876	-	T	C	51	rs111607013	NA19189
LYPD3	19	43969801	43969801	-	G	C	31	rs111270620	NA19116
ETHE1	19	44031391	44031391	-	G	C	6	rs114033490	NA18511
LYPD5	19	44306576	44306576	-	G	T	38	rs62116993	NA18864
LOC1003792:	19	44617275	44617275	-	C	G	62	rs79118018	NA18907
IGSF23	19	45116933	45116933	+	G	A	-7	rs846897	NA19198
MIR8085	19	45261908	45261908	+	A	G	-6	rs148275512	NA19236
ERCC1	19	45926916	45926916	-	C	A	-96	rs2298881	NA18909
RTN2	19	45996522	45996522	-	G	T	-19	rs141012670	NA18907
OPA3	19	46088179	46088179	-	C	T	-57	rs151125808	NA19147
EML2	19	46142624	46142624	-	A	C	52	rs201822741	NA18501
DMPK	19	46282833	46282833	-	C	T	45	rs78278813	NA18507
DMPK	19	46282904	46282904	-	G	A	-27	.	NA19235
DMPK	19	46283857	46283857	-	G	A	5	rs150437533	NA18501
FOXA3	19	46367580	46367580	+	G	T	63	rs60133195	NA18907
PTGIR	19	47128338	47128338	-	G	A	17	rs141521029	NA18489
DACT3-AS1	19	47164712	47164712	+	G	A	-23	rs150695561	NA19236
SLC1A5	19	47288115	47288115	-	G	A	20	rs114286467	NA18861
ARHGAP35	19	47421900	47421900	+	A	G	-33	rs117649098	NA19198

SAE1	19	47634048	47634048	+	G	T	-32	rs116651172	NA18907
EHD2	19	48216657	48216657	+	C	T	57	rs753269	NA18486
CABP5	19	48547314	48547314	-	C	T	-3	.	NA18907
SPHK2	19	49122459	49122459	+	A	-	-89	.	NA18907
SPHK2	19	49128192	49128192	+	T	G	-17	.	NA19236
RASIP1	19	49244041	49244041	-	G	T	-71	rs190136978	NA19235
GYS1	19	49496551	49496551	-	A	C	60	rs2287755	NA18909
MIR6798	19	49513137	49513137	+	C	T	-26	rs185487314	NA18501
LHB	19	49520252	49520252	-	G	T	96	rs34534856	NA19108
LHB	19	49520396	49520396	-	G	A	-49	.	NA19235
CGB2	19	49535165	49535165	+	C	A	36	rs370625414	NA18498
CGB2	19	49535172	49535172	+	G	T	43	.	NA18511
SNAR-G1	19	49540325	49540325	+	A	G	49	.	NA19114
CGB7	19	49558913	49558913	-	A	G	85	rs56131938	NA18523
CGB7	19	49558962	49558962	-	A	G	36	.	NA18916
TRPM4	19	49661112	49661112	+	G	A	97	rs3760663	NA18909
TEAD2	19	49864655	49864655	-	A	C	98	rs7257323	NA18498
SLC17A7	19	49944731	49944731	-	A	-	78	rs58045148	NA18864
SNORD32A	19	49993151	49993151	+	G	A	-72	rs11542195	NA19129
SNORD32A	19	49993305	49993305	+	G	C	83	.	NA19236
SNORD33	19	49993866	49993866	+	G	A	-8	rs115416803	NA18498
SNORD34	19	49994070	49994070	+	C	T	-94	rs11266873	NA18511
MED25	19	50321485	50321485	+	T	C	-51	rs80252533	NA18907
MED25	19	50321512	50321512	+	C	G	-24	rs968388	NA19108
SIGLEC11	19	50464438	50464438	-	T	A	-9	rs564140	NA18523
VRK3	19	50528890	50528890	-	T	-	-85	rs139409539	NA18498
EMC10	19	50979765	50979765	+	C	G	32	rs376928120	NA18507
EMC10	19	50979773	50979773	+	C	G	40	rs111640675	NA18916
EMC10	19	50979796	50979796	+	G	C	63	rs150737582	NA18861
EMC10	19	50979798	50979798	+	C	G	65	rs201542780	NA18861
FAM71E1	19	50979908	50979908	-	C	G	96	rs79269644	NA19225
SNAR-F	19	51108210	51108210	+	G	A	-10	.	NA19107
SNAR-F	19	51108212	51108212	+	C	T	-8	.	NA19107
SNAR-F	19	51108221	51108221	+	C	G	2	.	NA19107
SNAR-F	19	51108226	51108226	+	C	T	7	.	NA19107
CLEC11A	19	51226546	51226546	+	G	A	-59	rs115213774	NA19198
ACPT	19	51293745	51293745	+	G	A	74	rs201004605	NA19114
C19orf48	19	51308057	51308057	-	A	C	54	rs2288417	NA18498
KLK1	19	51327105	51327105	-	T	C	-62	.	NA19107
KLK15	19	51334839	51334839	-	C	T	-60	rs184352308	NA19225
KLK8	19	51505018	51505018	-	G	A	-60	rs73936109	NA19236

SIGLEC9	19	51628143	51628143	+	C	A	7	.	NA18909
LOC1019285	19	51685315	51685315	-	T	C	-93	rs1878045	NA19116
ETFB	19	51858040	51858040	-	C	T	57	rs78611945	NA18861
CEACAM18	19	51981946	51981946	+	T	C	50	rs75588884	NA19198
CEACAM18	19	51981965	51981965	+	G	A	69	rs75818312	NA18489
HAS1	19	52227230	52227230	-	T	C	16	.	NA18907
PPP2R1A	19	52693085	52693085	+	C	T	31	.	NA18498
ZNF610	19	52839568	52839568	+	A	G	71	rs1540745	NA18864
ZNF468	19	53360815	53360815	-	C	G	88	.	NA19116
ZNF818P	19	53716212	53716212	+	C	T	12	rs113791964	NA19225
ZNF818P	19	53716263	53716263	+	A	G	63	rs115101284	NA18861
DPRX	19	54135280	54135280	+	A	G	-30	.	NA18517
MIR512-2	19	54169868	54169872	+	TCTTA	-	-59	.	NA18923
MIR512-2	19	54172312	54172312	+	C	T	-99	rs187067600	NA18923
MIR1323	19	54175284	54175284	+	G	-	63	rs377727869	NA19235
MIR498	19	54177355	54177355	+	C	T	-96	rs115799834	NA18861
MIR519E	19	54183164	54183164	+	A	G	-30	rs78371552	NA19108
MIR519E	19	54183186	54183186	+	C	T	-8	rs113885738	NA19108
MIR519E	19	54183281	54183281	+	A	G	88	rs201518856	NA18907
MIR519E	19	54183283	54183283	+	C	A	90	rs187658338	NA18907
MIR519E	19	54183284	54183284	+	A	G	91	rs200970695	NA18907
MIR519E	19	54183285	54183285	+	C	T	92	rs202244198	NA18907
MIR515-1	19	54188169	54188170	+	AG	-	-94	rs367566176	NA18907
MIR515-1	19	54188256	54188256	+	G	A	-7	.	NA18498
MIR523	19	54201627	54201627	+	G	T	-12	rs114302988	NA19225
MIR518F	19	54203368	54203368	+	A	G	100	rs73598910	NA18923
MIR520B	19	54204402	54204402	+	T	G	-79	rs77655179	NA18489
MIR519D	19	54216590	54216590	+	G	A	-11	rs115386394	NA19198
MIR520G	19	54225501	54225501	+	C	T	82	rs112328520	NA19147
MIR526A2	19	54230147	54230147	+	A	G	-29	rs80235078	NA19114
MIR526A2	19	54230219	54230219	+	A	T	44	rs113349469	NA18489
MIR518A1	19	54234247	54234247	+	C	T	-13	rs187889292	NA18861
MIR518D	19	54238182	54238182	+	C	T	52	rs116220629	NA19147
MIR518D	19	54238189	54238189	+	G	A	59	rs73602910	NA19116
MIR516B1	19	54240036	54240036	+	G	A	-63	rs191741656	NA18486
MIR517C	19	54244513	54244513	+	C	T	-54	rs139915284	NA19107
MIR517C	19	54244514	54244517	+	ATAA	-	-53	.	NA18907
MIR520H	19	54245705	54245705	+	T	G	-61	.	NA18498
MIR527	19	54257174	54257174	+	T	C	-98	rs73935945	NA18501
MIR519A2	19	54265626	54265626	+	C	T	29	rs142071806	NA19236
MIR372	19	54291100	54291100	+	T	C	-44	rs115219620	NA18861

MIR372	19	54291213	54291213	+	G	A	70	rs181405572	NA18511
PRKCG	19	54385437	54385437	+	A	C	-30	rs307942	NA18501
TSEN34	19	54694973	54694973	+	C	A	-92	rs8105385	NA18909
LILRB2	19	54784666	54784666	-	C	T	73	rs185248138	NA18523
LILRB2	19	54784735	54784735	-	C	T	4	.	NA18517
LILRA4	19	54850459	54850459	-	T	G	-19	rs112690983	NA18501
LAIR2	19	55013918	55013918	+	G	A	-95	rs77635538	NA18511
LAIR2	19	55014060	55014060	+	A	G	48	rs370448307	NA18907
LAIR2	19	55014067	55014067	+	G	A	55	.	NA18907
LILRA1	19	55105758	55105758	+	G	C	97	rs55979554	NA19207
LILRA1	19	55105759	55105759	+	G	C	98	rs192505529	NA19207
KIR2DL1	19	55281184	55281184	+	G	A	-81	rs7258378	NA19189
KIR3DL1	19	55327891	55327891	+	A	G	-2	rs34253442	NA19108
KIR2DS4	19	55344066	55344066	+	C	A	-65	rs182161130	NA19235
KIR2DS4	19	55344093	55344093	+	A	G	-38	rs2916049	NA18507
RDH13	19	55574496	55574496	-	G	A	90	rs10417529	NA18486
EPS8L1	19	55587180	55587185	+	GCGGAG	-	-41	rs72402545	NA19236
EPS8L1	19	55591721	55591721	+	G	C	-39	rs79764780	NA19189
TNNI3	19	55669105	55669105	-	T	C	-5	rs73935313	NA19207
SYT5	19	55690853	55690853	-	G	A	-42	rs3745922	NA18489
EPN1	19	56187920	56187920	+	A	G	-71	rs73936316	NA19108
NLRP13	19	56443792	56443795	-	CTCA	-	-90	rs201726042	NA19236
NLRP5	19	56511090	56511090	+	T	C	-2	rs76756220	NA19116
ZNF582	19	56904849	56904849	-	C	-	41	rs141227960	NA18486
ZNF583	19	56915458	56915466	+	GGTGAACC	-	76	rs142117757	NA19236
ZNF264	19	57702887	57702887	+	T	C	20	rs59020892	NA19236
ZNF264	19	57702924	57702924	+	G	A	57	rs59940266	NA19236
ZNF543	19	57831836	57831836	+	C	-	-29	rs11357584	NA19147
ZNF547	19	57874720	57874720	+	G	A	-83	rs2106668	NA19236
ZNF548	19	57901291	57901291	+	G	A	74	rs115744302	NA19236
ZNF17	19	57922537	57922537	+	T	C	9	rs59864268	NA18864
ZNF749	19	57946645	57946645	+	T	C	-48	rs114254422	NA18864
ZNF419	19	57999121	57999121	+	A	G	43	rs111473875	NA18864
ZNF773	19	58011290	58011290	+	T	C	69	rs184177703	NA18864
ZNF134	19	58125830	58125830	+	C	T	1	rs186592383	NA19235
ZNF211	19	58144561	58144561	+	A	G	27	rs10420097	NA18864
ZNF211	19	58144580	58144580	+	C	T	46	rs187290810	NA19116
ZNF551	19	58193419	58193419	+	T	C	83	rs142298172	NA19189
ZNF551	19	58193428	58193428	+	C	T	92	rs151007769	NA19189
ZNF671	19	58239058	58239058	-	C	T	-63	rs141833132	NA18523
ZNF587	19	58361124	58361124	+	A	G	-57	rs113336552	NA19236

ZNF587	19	58361213	58361213	+	C	T	33	rs61030302	NA18909
ZNF587	19	58361243	58361243	+	C	T	63	rs114721771	NA18916
ZNF587	19	58361277	58361277	+	T	A	97	rs150767167	NA19207
ZNF417	19	58427909	58427909	-	C	A	70	.	NA18507
C19orf18	19	58485923	58485923	-	G	A	-21	rs142333774	NA18523
ZNF8	19	58790266	58790266	+	G	A	-52	rs58976277	NA18517
ZNF8	19	58790385	58790385	+	G	T	68	rs142606868	NA19107
ZNF324B	19	58962958	58962958	+	C	T	-13	rs893188	NA19235
ZNF324B	19	58963018	58963018	+	C	G	48	rs893187	NA19235
SH3YL1	2	264019	264019	-	C	A	79	rs7595075	NA18856
TMEM18	2	677361	677361	-	G	A	79	rs13394567	NA18507
TMEM18	2	677537	677537	-	A	C	-98	rs116163306	NA18856
LOC10106031	2	901131	901131	-	G	A	7	rs80176891	NA18498
LOC10106031	2	901135	901135	-	C	T	3	rs13032627	NA18498
ADI1	2	3523272	3523272	-	G	C	79	rs13398093	NA18517
RNASEH1-A5	2	3605978	3605978	+	A	G	2	rs28384453	NA19114
ALLC	2	3705697	3705697	+	C	T	-89	rs11695738	NA19147
RSAD2	2	7017706	7017706	+	G	T	-90	rs73914415	NA18909
RSAD2	2	7017788	7017788	+	G	A	-8	rs75460609	NA19108
CPSF3	2	9563698	9563698	+	C	T	33	rs183645433	NA19108
ADAM17	2	9695877	9695877	-	A	G	41	rs189110504	NA19147
ADAM17	2	9695888	9695888	-	G	T	30	rs55790676	NA19108
TAF1B	2	9983481	9983481	+	T	-	-90	rs144651573	NA18507
TAF1B	2	9983529	9983529	+	G	A	-42	rs114421205	NA19225
TAF1B	2	9983530	9983530	+	C	A	-41	rs114862830	NA19225
RRM2	2	10262865	10262865	+	C	G	3	rs72542788	NA18498
HPCAL1	2	10443786	10443786	+	-	C	-40	.	NA19116
GREB1	2	11682754	11682754	+	-	G	-97	rs60551961	NA18856
GREB1	2	11682796	11682796	+	A	T	-55	rs12620490	NA18856
LPIN1	2	11864462	11864462	+	G	T	3	rs146324854	NA19129
TTC32	2	20101717	20101717	-	A	G	28	rs2304588	NA18864
LAPTM4A	2	20251758	20251758	-	C	T	32	rs3754907	NA18507
FAM228B	2	24299677	24299677	+	-	G	-67	rs11410986	NA19236
TP53I3	2	24307275	24307275	-	A	G	-74	rs184590859	NA19107
FAM228A	2	24397866	24397866	+	T	G	-46	rs9309236	NA18856
CENPO	2	25016194	25016194	+	G	C	20	rs200526927	NA18916
DTNB	2	25875601	25875601	-	T	C	-72	rs111324532	NA18501
SLC35F6	2	26987076	26987076	+	G	A	-66	rs74326561	NA19129
TCF23	2	27371897	27371897	+	T	A	-48	rs139694634	NA18861
FTH1P3	2	27616433	27616433	-	G	A	11	rs114958348	NA18489
IFT172	2	27712728	27712728	-	A	G	-50	.	NA18864

GCKR	2	27719763	27719763	+	C	T	58	rs704794	NA19207
CCDC121	2	27851980	27851980	-	C	T	-82	rs140581189	NA18907
RBKS	2	28113239	28113239	-	G	T	25	rs149354783	NA19189
BRE-AS1	2	28113911	28113911	-	A	G	71	rs2305929	NA18856
LOC1005057	2	28533383	28533383	-	G	C	-57	rs115707413	NA18523
CLIP4	2	29337681	29337681	+	A	G	-63	rs113432279	NA19236
LBH	2	30454364	30454364	+	G	A	-33	rs113999413	NA19108
LINC00486	2	33107789	33107789	+	T	C	24	rs80106645	NA19236
FAM98A	2	33824418	33824418	-	T	A	12	.	NA18907
SULT6B1	2	37415750	37415750	-	C	A	-60	rs114876607	NA18907
CEBPZOS	2	37423700	37423700	+	G	T	66	rs78962921	NA18498
CDC42EP3	2	37899310	37899310	-	A	-	33	.	NA19236
LINC00211	2	38056951	38056951	-	G	A	-97	rs4143265	NA18498
DHX57	2	39103032	39103032	+	-	C	-11	rs35161265	NA19236
SIX3-AS1	2	45168947	45168952	+	CTCTCC	-	71	rs72276265	NA19207
TMEM247	2	46706766	46706766	+	G	A	63	.	NA18517
CALM2	2	47403760	47403760	-	C	T	-20	rs3729967	NA18511
MIR8485	2	50923352	50923352	-	A	G	49	.	NA19236
CHAC2	2	53994927	53994927	+	C	G	-2	rs142715854	NA18909
TSPYL6	2	54483390	54483390	-	G	A	20	rs111886241	NA18864
CLHC1	2	55459670	55459670	-	A	G	30	rs115477709	NA19147
CFAP36	2	55746729	55746729	+	T	G	-2	rs185091106	NA18523
MIR217	2	56210207	56210207	-	A	G	5	rs150436368	NA18486
FANCL	2	58468487	58468487	-	T	C	29	rs41281511	NA18489
C2orf74	2	61389609	61389610	+	GT	-	-20	rs201219999	NA18864
FAM161A	2	62081254	62081254	-	G	T	25	.	NA18923
MIR4433B	2	64567940	64567940	+	C	T	43	.	NA18856
MIR4433B	2	64567945	64567945	+	A	C	38	.	NA18856
LOC1010600	2	67131631	67131631	+	A	G	64	rs10519066	NA18489
PNO1	2	68384923	68384923	+	C	T	-82	rs58809515	NA18517
PNO1	2	68384930	68384930	+	G	A	-75	rs73935108	NA18517
GKN2	2	69180101	69180101	-	G	A	2	rs111943965	NA19189
GKN1	2	69201700	69201700	+	A	G	-5	rs115053382	NA18507
MIR3126	2	69330906	69330906	+	G	C	93	rs57701176	NA19236
NFU1	2	69664720	69664720	-	A	G	41	rs73934936	NA19236
SNRPG	2	70520851	70520851	-	G	C	19	rs75215614	NA18861
CLEC4F	2	71047817	71047817	-	C	G	-85	.	NA19107
CD207	2	71062934	71062934	-	C	G	20	rs142100762	NA18501
MCEE	2	71357340	71357340	-	C	A	55	rs202194538	NA19107
C2orf78	2	74011330	74011330	+	A	G	15	rs511151	NA19116
LBX2-AS1	2	74729652	74729652	+	G	T	-92	rs372484410	NA18916

LOC10192781	2	75751173	75751173	+	C	T	-21	rs4378832	NA18856
MRPL19	2	75873877	75873877	+	C	A	-32	rs145242070	NA18856
REG1P	2	79365539	79365539	-	G	A	15	rs115866741	NA18523
CTNNA2	2	80540600	80540600	+	C	T	97	rs17018984	NA18486
LOC1720	2	83083971	83083971	+	G	A	45	rs185248234	NA18486
TGOLN2	2	85555377	85555377	-	G	T	43	rs73943102	NA18907
RETSAT	2	85581778	85581778	+	C	T	44	rs143078619	NA18486
VAMP5	2	85811588	85811588	+	C	T	58	.	NA18909
GNLY	2	85921353	85921353	+	G	T	-61	rs1866140	NA19236
GNLY	2	85921414	85921414	+	G	T	1	rs149037317	NA19225
RGPD2	2	87140912	87140912	+	G	T	-23	.	NA18907
PLGLB1	2	87248903	87248903	-	C	A	67	.	NA18507
MAL	2	95691409	95691409	+	C	T	10	.	NA18523
KCNIP3	2	95963058	95963058	+	G	A	-14	.	NA19189
ASTL	2	96804107	96804107	-	G	A	69	rs72825845	NA19116
SNRNP200	2	96971233	96971233	-	G	C	75	rs6721923	NA19114
NCAPH	2	97001485	97001485	+	C	T	7	rs6751524	NA18523
ANKRD23	2	97509664	97509664	-	G	A	95	rs138866384	NA19114
FAM178B	2	97560913	97560913	-	C	T	-14	rs4907206	NA18489
COA5	2	99224937	99224937	-	G	C	45	rs187846327	NA18486
COA5	2	99224939	99224939	-	G	A	43	rs192282513	NA18486
TXNDC9	2	99952912	99952912	-	C	T	-52	rs116182563	NA18489
NMS	2	101086952	101086952	+	T	C	9	rs76201870	NA19129
PDCL3	2	101179337	101179337	+	T	C	-81	.	NA18909
SLC9A2	2	103236229	103236229	+	G	A	82	rs114579143	NA18517
MFSD9	2	103353284	103353284	-	G	A	54	rs114864975	NA18511
MRPS9	2	105654438	105654438	+	G	A	-45	rs112461013	NA19129
LIMS1	2	109204813	109204813	+	A	G	57	rs6756375	NA18489
ZC3H8	2	113012611	113012611	-	C	G	54	.	NA18864
POLR1B	2	113299515	113299515	+	C	T	24	rs76952895	NA18856
IL36RN	2	113816629	113816629	+	C	T	-56	rs28938769	NA19114
IL1F10	2	113829909	113829909	+	G	A	15	rs139469969	NA18489
IL1F10	2	113829918	113829918	+	G	T	24	rs28928291	NA19108
CBWD2	2	114195343	114195343	+	A	C	76	.	NA19129
FOXD4L1	2	114256687	114256687	+	A	C	27	rs2757968	NA19147
MIR1302-3	2	114340719	114340719	-	G	A	-46	.	NA18489
WASH2P	2	114341280	114341280	+	G	A	51	rs112263796	NA19236
DDX18	2	118572321	118572321	+	G	A	67	rs150506625	NA19129
CCDC93	2	118771683	118771683	-	GCC	-	57	rs58181584	NA18864
RALB	2	121010443	121010443	+	A	T	30	rs934722	NA19236
GLI2	2	121554770	121554770	+	G	T	-97	rs138766706	NA18864

GLI2	2	121554890	121554890	+	G	A	24	rs112131051	NA18864
TFCP2L1	2	122042759	122042759	-	C	T	20	rs140736460	NA18861
TSN	2	122513188	122513188	+	T	C	68	rs79110691	NA19189
ERCC3	2	128051590	128051590	-	A	G	81	rs201163714	NA18501
RAB6C-AS1	2	130738031	130738031	-	A	G	15	rs71428572	NA18489
SMPD4	2	130940355	130940355	-	G	C	-32	.	NA19114
AMER3	2	131513271	131513271	+	C	T	48	rs115394632	NA18517
LOC401010	2	132202430	132202430	-	T	C	38	rs115254573	NA19236
ANKRD30BL	2	132919568	132919568	-	G	C	-43	.	NA19236
MIR663B	2	133014657	133014657	-	G	A	-4	rs113237573	NA18864
MIR663B	2	133014716	133014716	-	A	T	-63	.	NA19207
MIR663B	2	133014739	133014739	-	G	-	-86	rs201685022	NA18864
ANKRD30BL	2	133015493	133015493	-	C	T	50	.	NA19107
ANKRD30BL	2	133015516	133015516	-	G	A	27	.	NA19225
ANKRD30BL	2	133015535	133015535	-	C	T	8	.	NA18523
ANKRD30BL	2	133015558	133015559	-	AA	-	-16	.	NA18864
ANKRD30BL	2	133015577	133015577	-	G	A	-35	.	NA18523
ANKRD30BL	2	133015579	133015579	-	G	A	-37	.	NA18916
ANKRD30BL	2	133015587	133015587	-	C	T	-45	.	NA18523
ANKRD30BL	2	133015613	133015613	-	G	A	-71	.	NA18523
ANKRD30BL	2	133015620	133015620	-	C	G	-78	.	NA18523
MIR3679	2	134884697	134884697	+	G	C	2	rs10175383	NA19236
RAB3GAP1	2	135809740	135809740	+	T	C	-95	rs188803711	NA19189
RAB3GAP1	2	135809903	135809903	+	C	A	69	rs186228983	NA18923
ACVR2A	2	148602582	148602582	+	T	G	19	.	NA19189
ACVR2A	2	148602597	148602605	+	GGTCTGGGC	-	34	.	NA18507
ACVR2A	2	148602598	148602598	+	G	T	35	.	NA18511
ACVR2A	2	148602600	148602600	+	C	T	37	.	NA18511
ACVR2A	2	148602608	148602614	+	CCGAATA	-	45	.	NA18507
ACVR2A	2	148602616	148602616	+	G	T	53	.	NA18507
EPC2	2	149402604	149402604	+	C	T	45	rs189332039	NA19236
RBM43	2	152118479	152118479	-	G	A	-90	rs16829823	NA19225
DAPL1	2	159651823	159651823	+	G	A	-6	.	NA19114
LOC10192951	2	162970863	162970863	+	A	T	-88	rs115357254	NA19236
SNORA70F	2	165544253	165544253	-	A	T	35	rs141390807	NA19147
CERS6-AS1	2	169642864	169642864	-	A	C	76	rs72881759	NA18856
KLHL41	2	170366303	170366303	+	G	A	92	rs144048872	NA18523
SLC25A12	2	172750747	172750748	-	GA	-	70	.	NA19107
SLC25A12	2	172750751	172750751	-	-	TT	66	.	NA19107
MIR933	2	176032360	176032360	-	G	A	78	rs150677267	NA19114
MIR933	2	176032371	176032371	-	G	T	67	.	NA19114

MIR933	2	176032384	176032384	-	T	C	54	rs139770589	NA18486
MIR933	2	176032508	176032508	-	G	C	-71	.	NA19114
ATP5G3	2	176046412	176046412	-	T	G	-21	.	NA19147
HOXD9	2	176987434	176987434	+	C	T	22	rs75770990	NA19189
MIR3128	2	178120681	178120681	-	G	T	58	rs61130794	NA18489
TTC30B	2	178417509	178417509	-	T	C	16	rs113625626	NA19235
FKBP7	2	179343337	179343337	-	G	A	19	.	NA19189
ZNF385B	2	180427409	180427409	-	G	A	-94	rs3112931	NA18856
MIR1258	2	180725536	180725536	-	C	A	100	rs143408979	NA18864
CERKL	2	182521786	182521787	-	AG	-	49	.	NA19235
ASNSD1	2	190526205	190526205	+	C	T	81	rs2289226	NA18498
HIBCH	2	191184706	191184706	-	G	A	66	rs180927547	NA19147
TMEM194B	2	191399433	191399433	-	T	C	36	rs12693579	NA19236
DNAH7	2	196933558	196933558	-	G	C	-22	rs6741762	NA18864
HSPD1	2	198365074	198365074	-	-	T	-76	.	NA18856
NIF3L1	2	201756653	201756653	+	T	C	13	rs76578207	NA19116
ORC2	2	201828365	201828365	-	C	G	60	rs3087357	NA19236
CASP8	2	202122738	202122738	+	G	C	-16	rs150945202	NA19207
FZD7	2	202899375	202899375	+	G	A	66	rs61754568	NA18864
SNORD70	2	203141064	203141064	+	A	-	-90	rs140927221	NA18923
ICA1L	2	203693914	203693914	-	A	C	44	rs143805266	NA18909
ICOS	2	204801465	204801465	+	A	G	-6	rs185792244	NA18864
GCSHP3	2	206981212	206981212	-	C	T	85	.	NA18916
KLF7	2	207998878	207998878	-	-	TTT	-17	.	NA18909
CRYGD	2	208989220	208989241	-	TGGTGGGG	-	94	.	NA19147
CRYGC	2	208994456	208994456	-	A	G	99	rs116267810	NA19147
CRYGB	2	209010779	209010779	-	C	T	99	.	NA19236
RPE	2	210867367	210867367	+	G	-	79	rs199820734	NA18909
RPE	2	210867368	210867368	+	C	T	80	rs199555057	NA18909
LOC1019280	2	210894597	210894597	+	G	A	-49	rs140236472	NA19147
MYL1	2	211168329	211168329	-	G	A	11	rs144118989	NA19236
ABCA12	2	215896736	215896736	-	A	G	75	rs75199998	NA19235
ABCA12	2	216003157	216003157	-	A	G	-6	.	NA18916
RPL37A	2	217363602	217363602	+	T	G	83	rs112080422	NA19235
RPL37A	2	217363609	217363609	+	G	-	90	rs371264252	NA19114
AAMP	2	219134980	219134980	-	C	T	-48	.	NA18916
MIR6810	2	219206645	219206645	+	A	G	12	rs62182086	NA19116
CATIP	2	219221509	219221509	+	G	A	-70	.	NA18498
RQCD1	2	219433357	219433357	+	A	C	55	rs524902	NA18507
PRKAG3	2	219696561	219696561	-	C	T	-49	rs139091904	NA18861
ANKZF1	2	220094673	220094673	+	T	G	64	rs72955444	NA19236

TUBA4A	2	220118654	220118654	-	C	G	15	.	NA18907
DNPEP	2	220252638	220252662	-	CGCCCCGC	-	25	.	NA18864
INHA	2	220436873	220436873	+	G	A	-81	rs74687137	NA18916
INHA	2	220437025	220437025	+	G	T	72	.	NA19236
EPHA4	2	222438968	222438968	-	A	G	-46	rs2248489	NA18907
MOGAT1	2	223536541	223536541	+	G	A	85	rs35959734	NA19236
MRPL44	2	224822040	224822040	+	C	A	-81	rs73992132	NA18909
LOC646736	2	227007410	227007410	+	T	C	-100	rs6740602	NA18489
MFF	2	228192145	228192145	+	-	A	-83	rs142336422	NA18856
MFF	2	228193364	228193364	+	T	G	-30	rs77362510	NA18523
TM4SF20	2	228244107	228244107	-	C	T	-85	rs11678432	NA18517
CCL20	2	228678570	228678570	+	C	T	13	.	NA18861
FBXO36	2	230787294	230787294	+	A	G	88	rs183069679	NA18923
SP110	2	231090532	231090532	+	G	T	-88	rs182651769	NA19236
ITM2C	2	231729682	231729682	+	G	A	18	rs138585916	NA19235
SNORD82	2	232325153	232325153	-	T	G	0	rs80267574	NA19207
NCL	2	232329113	232329113	-	G	A	93	rs114480787	NA18916
PTMA	2	232573292	232573292	+	T	C	58	rs12415	NA19207
PTMA	2	232573301	232573301	+	C	T	67	rs8868	NA19207
PDE6D	2	232646020	232646020	-	T	C	18	rs114442149	NA18909
ALPP	2	233243249	233243249	+	C	G	6	rs114493750	NA18489
ALPPL2	2	233271643	233271648	+	GCTACA	-	92	rs373078876	NA18489
ALPI	2	233320761	233320761	+	G	A	-61	.	NA18923
PRSS56	2	233385202	233385202	+	C	T	30	rs2741294	NA18856
CHRND	2	233390807	233390807	+	C	T	-63	rs2278479	NA18916
DGKD	2	234296835	234296835	+	G	C	36	rs201735046	NA18517
UGT1A6	2	234601500	234601500	+	T	C	-12	.	NA18511
DNAJB3	2	234652642	234652642	-	C	T	20	rs76063448	NA19198
HJURP	2	234763182	234763182	-	G	T	31	rs116665008	NA18864
MIR6811	2	238419547	238419547	+	-	GTGC	-27	.	NA19108
OR6B2	2	240969837	240969837	-	C	T	10	rs61730683	NA19207
PRR21	2	240982312	240982312	-	G	A	88	rs115609219	NA19198
PRR21	2	240982454	240982454	-	C	T	-55	rs13432347	NA18864
KIF1A	2	241737182	241737182	-	C	T	48	rs140017120	NA19236
AGXT	2	241808260	241808260	+	G	A	99	rs116057889	NA19225
C2orf54	2	241835508	241835508	-	-	GA	66	rs34124657	NA18489
NEU4	2	242750231	242750231	+	T	G	72	rs35392728	NA18856
LOC10272391	2	242912837	242912837	+	A	G	4	rs74862347	NA19114
DEFB127	20	138095	138095	+	G	A	-16	rs114622530	NA19116
DEFB132	20	238281	238281	+	T	G	-96	rs183397322	NA18511
C20orf96	20	271477	271477	-	C	T	-58	rs139381673	NA19116

FAM110A	20	814368	814368	+	C	G	29	rs687797	NA18498
TMEM74B	20	1165175	1165175	-	C	T	-58	rs114405198	NA19107
MIR6869	20	1373506	1373506	-	G	C	100	.	NA18501
MIR6869	20	1373522	1373522	-	C	T	84	rs200759862	NA18501
SIRPB2	20	1472296	1472296	-	G	A	-63	rs8119390	NA18489
SIRPD	20	1538249	1538249	-	C	T	95	rs2250055	NA18507
TGM6	20	2361526	2361526	+	G	A	-28	rs77821060	NA18511
TGM6	20	2361613	2361613	+	A	G	60	rs80329336	NA18511
ZNF343	20	2505157	2505157	-	C	T	12	rs7266421	NA19236
SNORD110	20	2634812	2634812	+	G	C	-46	rs73576051	NA18486
SNORD110	20	2634956	2634956	+	T	C	99	rs148702620	NA18489
SNORD56	20	2637247	2637247	+	G	C	-23	rs373058070	NA19235
SIGLEC1	20	3687818	3687818	-	G	A	-43	rs111358778	NA18923
CDC25B	20	3780659	3780659	+	T	G	-50	rs11569996	NA19189
CDC25B	20	3780791	3780791	+	G	A	83	rs370995721	NA18523
PANK2	20	3870410	3870410	+	C	T	-53	rs73610117	NA19236
CASC20	20	6407326	6407326	+	A	C	-53	rs6133313	NA18517
MIR8062	20	7352249	7352249	+	G	A	-6	rs6054946	NA19116
TMX4	20	8000386	8000386	-	A	G	91	rs2205783	NA19116
LINC00687	20	11851347	11851347	-	C	T	17	rs803879	NA19236
NDUFAF5	20	13765698	13765698	+	T	C	27	rs116192508	NA18501
SEL1L2	20	13971343	13971343	-	G	A	-78	rs115222564	NA18501
BFSP1	20	17511929	17511929	-	C	G	86	rs200899362	NA19235
CFAP61	20	20033194	20033194	+	G	T	37	rs145198573	NA18511
CRNKL1	20	20036632	20036632	-	C	T	59	rs75589135	NA19225
CRNKL1	20	20036779	20036779	-	C	T	-89	rs77620435	NA19114
SSTR4	20	23016058	23016058	+	C	A	2	.	NA18501
CST8	20	23471664	23471664	+	A	G	-74	rs2077039	NA19147
CST9L	20	23549346	23549346	-	G	A	41	rs77287699	NA18507
CST4	20	23669742	23669742	-	T	C	-80	.	NA19108
CST4	20	23669743	23669743	-	G	A	-81	.	NA19108
CST1	20	23731639	23731639	-	C	T	-65	.	NA18907
CST1	20	23731640	23731640	-	A	G	-66	.	NA18907
CST5	20	23860332	23860332	-	G	A	49	rs114273272	NA19114
APMAP	20	24973333	24973333	-	C	T	93	rs113589394	NA18864
APMAP	20	24973383	24973383	-	A	G	43	rs6138456	NA19107
GINS1	20	25388356	25388356	+	T	A	34	rs181533614	NA19225
LOC10192691	20	25834647	25834647	-	A	T	11	.	NA18907
FRG1B	20	29611893	29611893	+	T	A	15	.	NA18511
FRG1B	20	29611928	29611928	+	G	C	50	rs1138756	NA19114
FRG1B	20	29611938	29611938	+	G	A	60	rs73611712	NA19114

MLLT10P1	20	29638128	29638128	-	T	A	11	rs6119124	NA18523
MLLT10P1	20	29638138	29638138	-	T	C	0	rs2313016	NA18916
MLLT10P1	20	29638144	29638149	-	TTGTAC	-	-6	.	NA18523
DEFB115	20	29845443	29845443	+	C	A	-24	rs138643579	NA19235
DEFB116	20	29896480	29896480	-	G	T	-92	rs114153561	NA19198
DEFB119	20	29978353	29978353	-	C	T	100	rs6057688	NA18486
DEFB119	20	29978545	29978545	-	T	-	-93	.	NA19129
HM13	20	30102231	30102231	+	G	A	19	rs115571261	NA19108
MCTS2P	20	30135229	30135229	+	G	A	45	rs371635339	NA19189
SUN5	20	31592190	31592190	-	G	T	50	rs201423370	NA19189
SUN5	20	31592191	31592191	-	A	T	49	rs191582267	NA19189
BPIFB4	20	31669267	31669267	+	C	-	-51	rs137996770	NA18864
BPIFB4	20	31669268	31669268	+	C	T	-50	rs200039664	NA18864
BPIFA2	20	31756048	31756048	+	C	T	89	rs74444103	NA18489
PXMP4	20	32308195	32308195	-	A	C	-59	rs144239860	NA19107
EIF2S2	20	32699989	32699989	-	G	C	97	.	NA19225
ASIP	20	32848120	32848120	+	T	C	-51	rs4987044	NA18909
AHCY	20	32891121	32891121	-	C	T	95	rs200500842	NA19189
DYNLRB1	20	33104128	33104128	+	C	T	-61	rs115050328	NA19114
DYNLRB1	20	33104288	33104288	+	G	A	100	rs182223430	NA19147
ACSS2	20	33462779	33462779	+	G	A	14	rs148512836	NA19236
MIR499B	20	33578325	33578325	-	G	A	-50	.	NA19129
MIR499B	20	33578341	33578341	-	C	T	-66	rs145559916	NA19116
EDEM2	20	33735092	33735092	-	C	T	70	rs114063501	NA19129
FAM83C	20	33880146	33880146	-	T	A	80	rs111916968	NA18523
ERGIC3	20	34129797	34129797	+	G	T	20	.	NA18507
ERGIC3	20	34129808	34129808	+	G	A	31	rs80349223	NA18507
TLDC2	20	35504586	35504586	+	C	T	63	rs139684948	NA18923
RBL1	20	35724407	35724407	-	C	A	-4	rs111280246	NA19114
CTNNBL1	20	36322416	36322416	+	T	C	60	.	NA18507
CTNNBL1	20	36322455	36322455	+	A	G	99	.	NA18907
TGM2	20	36793642	36793642	-	C	A	59	rs150349694	NA18907
BPI	20	36932479	36932479	+	C	T	-73	rs75578720	NA18916
LBP	20	36974783	36974783	+	C	T	-31	rs6025037	NA18916
SNORA71A	20	37056084	37056084	-	G	A	3	rs113996462	NA18923
SNORA71D	20	37062674	37062674	-	G	A	-32	rs149502047	NA19236
RALGAPB	20	37101411	37101411	+	A	C	-38	rs137902467	NA19236
ARHGAP40	20	37230633	37230633	+	C	T	57	rs148622368	NA19236
FAM83D	20	37555028	37555028	+	T	C	74	rs201544468	NA18501
LPIN3	20	39969513	39969513	+	C	A	21	rs6029636	NA19236
IFT52	20	42219221	42219221	+	T	C	-32	rs6065630	NA18498

R3HDML	20	42965710	42965710	+	C	T	-88	rs116638948	NA18861
R3HDML	20	42965841	42965841	+	T	G	44	rs11699901	NA18486
HNF4A	20	43029952	43029952	+	G	A	57	rs75356504	NA19147
WISP2	20	43343920	43343923	+	GCGT	-	36	rs34325679	NA19107
WISP2	20	43343922	43343923	+	GT	-	38	.	NA19225
TOMM34	20	43589041	43589041	-	G	A	74	rs2234197	NA19189
SEMG1	20	43835614	43835614	+	G	T	-24	rs144229923	NA18864
MATN4	20	43936931	43936931	-	C	T	7	rs2743317	NA18489
MATN4	20	43937051	43937051	-	G	T	-84	rs111742158	NA19107
WFDC10A	20	44258473	44258473	+	G	A	89	rs138335721	NA18486
ZSWIM3	20	44486288	44486288	+	C	G	69	.	NA19116
MMP9	20	44637610	44637610	+	C	T	64	rs28763885	NA19189
SLC35C2	20	44993193	44993193	-	G	A	-96	rs116254648	NA19236
OCSTAMP	20	45179234	45179234	-	C	T	-21	rs16991469	NA18864
MIR3616	20	45795519	45795519	+	C	G	-90	rs115633564	NA18489
MIR3616	20	45795524	45795524	+	A	G	-85	rs75118991	NA18489
DDX27	20	47835808	47835808	+	A	G	-24	rs148493329	NA18489
ZFAS1	20	47895198	47895198	+	C	T	20	rs479473	NA18489
SNAI1	20	48599465	48599473	+	:CCCCACCA	-	-48	.	NA18909
SNAI1	20	48599468	48599473	+	CCACCA	-	-45	rs145530357	NA18507
SNAI1	20	48599469	48599473	+	CACCA	-	-44	rs201637769	NA18523
SNAI1	20	48599473	48599473	+	A	C	-40	rs199958890	NA19225
SNAI1	20	48599475	48599475	+	C	G	-38	.	NA18523
DPM1	20	49574977	49574977	-	C	G	84	rs16995639	NA18907
ZNF217	20	52199575	52199575	-	T	G	62	rs149083919	NA18864
SUMO1P1	20	52492324	52492324	-	T	C	-76	.	NA18907
SUMO1P1	20	52492340	52492340	-	C	T	-92	rs115230232	NA18907
MIR4756	20	52685084	52685084	-	T	C	-60	rs290446	NA19236
PFDN4	20	52824573	52824573	+	G	A	72	.	NA18909
CSTF1	20	54967565	54967565	+	A	G	-9	rs2236207	NA19236
RTFDC1	20	55043699	55043699	+	A	G	59	rs186613168	NA19107
ZBP1	20	56195576	56195576	-	G	A	57	rs73301341	NA18909
PMEPA1	20	56285693	56285693	-	T	A	-23	rs78041367	NA19129
GNAS	20	57464277	57464277	+	-	CGGCG	98	rs143800311	NA19236
PSMA7	20	60718420	60718420	-	C	T	95	rs3746651	NA18486
LAMA5-AS1	20	60928092	60928092	+	G	T	27	.	NA18907
SLCO4A1-AS	20	61297895	61297895	-	C	T	79	rs150713507	NA19236
SLCO4A1-AS	20	61297922	61297922	-	C	T	52	rs200568659	NA18861
DPH3P1	20	61475824	61475824	+	A	G	-94	rs8116995	NA19236
DPH3P1	20	61475910	61475911	+	TC	-	-8	rs149701485	NA19236
MIR3196	20	61870145	61870145	+	C	A	15	.	NA18517

ARFGAP1	20	61915398	61915398	+	A	G	-69	rs114050499	NA19108
STMN3	20	62284984	62284984	-	G	A	-21	rs112548487	NA18498
PRPF6	20	62612520	62612520	+	C	T	90	rs114227570	NA18489
OPRL1	20	62716270	62716270	+	G	A	-99	rs6512305	NA18489
BAGE	21	11099020	11099020	-	G	A	-83	rs75814837	NA18923
HSPA13	21	15755499	15755499	-	T	G	11	rs147612314	NA19225
CHODL	21	19289744	19289744	+	G	C	88	rs2205377	NA19236
LINC00317	21	23109716	23109716	-	A	G	-77	rs1735957	NA19236
GABPA	21	27107251	27107251	+	C	G	-7	rs71649640	NA18498
LINC00113	21	29094649	29094649	+	T	G	-49	rs2831134	NA19236
RWDD2B	21	30391670	30391670	-	G	C	16	.	NA19189
CLDN8	21	31588390	31588390	-	C	A	80	.	NA18517
KRTAP13-1	21	31768483	31768483	+	G	A	92	rs73901140	NA19147
KRTAP13-4	21	31802603	31802603	+	A	T	10	rs111560893	NA18523
KRTAP13-4	21	31802621	31802621	+	T	A	28	rs73899382	NA19147
KRTAP15-1	21	31812589	31812589	+	C	A	-57	rs141834068	NA19129
KRTAP19-7	21	31933597	31933597	-	G	A	12	rs151076773	NA18498
KRTAP22-2	21	31962649	31962649	-	G	A	68	rs78392137	NA18864
KRTAP22-1	21	31973342	31973342	+	C	G	-98	rs198913	NA19107
KRTAP22-1	21	31973377	31973377	+	-	TAT	-63	.	NA18523
KRTAP22-1	21	31973405	31973405	+	C	T	-35	rs198914	NA19107
SOD1	21	33031914	33031914	+	-	G	-21	.	NA18907
MIS18A	21	33651297	33651297	-	C	G	80	rs140429846	NA19198
MIS18A	21	33651450	33651450	-	G	A	-74	.	NA19198
SNORA80A	21	33749652	33749652	-	G	C	-21	rs143936094	NA19207
SNORA80A	21	33749699	33749699	-	T	C	-68	rs76848801	NA19116
LINC00945	21	34430170	34430170	+	A	G	36	rs2834079	NA19116
LOC10192810	21	34495925	34495925	-	A	G	82	rs7277274	NA19236
SON	21	34915360	34915360	+	G	A	17	rs189306784	NA19147
RCAN1	21	35899252	35899252	-	C	A	57	rs74537178	NA18511
CBR3	21	37507204	37507204	+	T	C	-59	rs45510501	NA19236
DSCR3	21	38639864	38639864	-	G	C	-31	.	NA18517
DSCR3	21	38639885	38639885	-	G	A	-52	rs115211774	NA18916
ERG	21	39870380	39870380	-	G	A	49	rs142057227	NA19198
ERG	21	40033661	40033661	-	C	G	44	rs764482	NA19236
LINC00114	21	40124248	40124248	-	C	A	-67	rs11908743	NA18489
LOC10192841	21	40349661	40349661	-	T	C	40	rs2836801	NA18489
PSMG1	21	40555393	40555393	-	C	A	48	rs74584861	NA18909
WRB	21	40752258	40752258	+	G	A	46	.	NA19189
SH3BGR	21	40823846	40823846	+	-	AA	67	.	NA19107
MIR6814	21	43166990	43166990	-	C	T	12	rs185472832	NA19108

UMODL1-AS1	21	43528725	43528725	-	A	C	-81	rs113910730	NA18916
ABCG1	21	43639333	43639335	+	CCG	-	67	rs372886183	NA18864
TFF2	21	43771191	43771191	-	C	T	18	.	NA19107
TMPRSS3	21	43809176	43809176	-	G	A	83	rs7282234	NA18861
TMPRSS3	21	43809238	43809238	-	G	A	21	rs373178051	NA19225
TMPRSS3	21	43809249	43809249	-	G	T	10	rs182241621	NA18501
WDR4	21	44299707	44299707	-	A	-	-8	rs113414212	NA18498
CRYAA	21	44589148	44589148	+	G	A	31	rs151103202	NA19235
LINC00313	21	44898123	44898123	-	C	T	-20	.	NA19147
CSTB	21	45196274	45196274	-	T	C	-18	rs181161814	NA18507
C21orf2	21	45759355	45759355	-	T	C	-70	rs60027384	NA19236
KRTAP10-3	21	45978557	45978557	-	A	G	87	rs74513898	NA19129
KRTAP10-6	21	46012385	46012385	-	-	GAGGGAGT	2	.	NA18909
KRTAP10-7	21	46020464	46020467	+	ACTC	-	-33	.	NA19198
KRTAP10-9	21	46047109	46047109	+	C	T	70	.	NA19198
KRTAP10-9	21	46047110	46047110	+	A	G	71	rs193155432	NA19198
KRTAP10-9	21	46047113	46047113	+	C	T	74	rs200370315	NA19198
KRTAP10-10	21	46057324	46057324	+	C	T	52	rs200886500	NA18523
KRTAP10-11	21	46066274	46066274	+	G	A	-57	rs2248350	NA19235
KRTAP12-4	21	46074524	46074524	-	T	G	53	.	NA18498
KRTAP12-4	21	46074616	46074616	-	C	T	-40	.	NA19235
KRTAP10-12	21	46117104	46117104	+	G	A	18	rs143759725	NA19235
FAM207A	21	46359913	46359913	+	G	A	-42	rs2294170	NA19189
LINC00163	21	46414079	46414079	-	C	T	-78	rs13047022	NA19236
POFUT2	21	46707823	46707823	-	C	G	-12	rs200209368	NA18489
COL18A1	21	46875352	46875352	+	C	A	-72	rs73909563	NA18486
COL18A1	21	46875423	46875423	+	C	A	-1	rs114899519	NA18498
MIR6815	21	46898200	46898200	+	G	A	21	rs142375997	NA18501
LSS	21	47648729	47648736	-	CCCCGCC	-	10	.	NA18501
LSS	21	47648739	47648739	-	C	-	-1	.	NA18501
PCNT	21	47743976	47743976	+	C	T	-60	rs115784890	NA19147
PCNT	21	47744118	47744118	+	G	C	83	rs202239640	NA18861
GAB4	22	17489131	17489131	-	G	A	-19	rs115530600	NA19107
CECR1	22	17702778	17702778	-	C	T	-34	rs737967	NA19108
BCL2L13	22	18189350	18189350	+	G	A	-74	rs115139453	NA18501
DGCR14	22	19132238	19132238	-	A	G	-48	rs112123509	NA19107
MRPL40	22	19420029	19420029	+	G	T	-7	.	NA19147
MRPL40	22	19420030	19420030	+	C	T	-6	rs201669421	NA19147
MRPL40	22	19420078	19420078	+	A	G	43	.	NA18916
MRPL40	22	19420109	19420109	+	T	C	74	rs1128399	NA19107
UFD1L	22	19466698	19466698	-	C	A	41	.	NA19147

UFD1L	22	19466712	19466712	-	G	A	27	rs188938675	NA19129
TMEM191A	22	21055435	21055435	+	C	T	34	rs114993787	NA19114
SNAP29	22	21213345	21213345	+	G	T	54	rs181613620	NA19235
SNAP29	22	21213367	21213367	+	C	G	76	rs202138036	NA19116
P2RX6P	22	21398525	21398525	-	T	G	14	.	NA19147
P2RX6P	22	21398526	21398526	-	G	A	13	.	NA19147
MIR130B	22	22007587	22007587	+	C	T	-6	rs113004736	NA19147
GGTLC2	22	22988813	22988813	+	A	G	32	.	NA19189
MIR650	22	23165309	23165309	+	A	T	40	rs201864554	NA19114
BCR	22	23522462	23522462	+	G	A	-90	rs76654237	NA18909
LOC388882	22	23829137	23829137	-	T	A	31	.	NA18489
LOC388882	22	23829139	23829139	-	T	A	29	.	NA18489
LOC388882	22	23829151	23829151	-	C	T	17	.	NA18489
LOC388882	22	23829158	23829158	-	C	T	10	rs73391346	NA18489
LOC388882	22	23829165	23829165	-	C	G	3	.	NA18489
LOC388882	22	23829191	23829191	-	C	T	-24	.	NA18489
LOC388882	22	23829263	23829263	-	C	T	-96	rs4822417	NA19236
VPREB3	22	24096662	24096662	-	G	A	-32	rs149641682	NA19107
VPREB3	22	24096674	24096674	-	A	C	-44	rs2070454	NA19114
SLC2A11	22	24199258	24199260	+	TGT	-	72	.	NA18864
SLC2A11	22	24199262	24199262	+	G	T	76	rs9680524	NA18489
SLC2A11	22	24200111	24200111	+	T	A	72	rs17550723	NA19129
SLC2A11	22	24200138	24200139	+	CC	-	99	.	NA18861
SUSD2	22	24577538	24577538	+	C	T	95	rs201642977	NA18501
CRYBB3	22	25595900	25595900	+	G	T	84	rs73879203	NA19225
IGLL3P	22	25714169	25714169	+	A	G	-55	rs28687392	NA18511
PITPNB	22	28315270	28315270	+	-	C	25	.	NA18486
C22orf31	22	29457835	29457835	-	T	C	73	rs147539051	NA18501
RFPL1	22	29834591	29834591	+	C	T	20	rs114855059	NA18489
TBC1D10A	22	30722873	30722873	-	C	T	83	rs370634113	NA19236
CCDC157	22	30752703	30752703	+	G	A	77	rs113215395	NA19129
PIK3IP1-AS1	22	31731340	31731340	+	C	T	6	rs140453738	NA18517
SYN3	22	33402870	33402870	-	G	T	-64	rs77847906	NA19225
MB	22	36013290	36013290	-	G	A	95	rs199884973	NA18909
MB	22	36013560	36013560	-	C	T	-5	rs73405616	NA19107
APOL3	22	36556964	36556964	-	C	T	14	rs916334	NA18916
APOL3	22	36557011	36557011	-	C	T	-34	.	NA18907
LGALS2	22	37976044	37976044	-	C	A	-20	rs185767972	NA19225
TRIOBP	22	38142222	38142222	+	-	AAA	-19	.	NA19116
GCAT	22	38203979	38203979	+	G	A	68	rs202183602	NA19147
DMC1	22	38964481	38964482	-	TG	-	-67	rs368751544	NA19116

APOBEC3B	22	39378323	39378323	+	G	A	-81	rs78871147	NA18489
PDGFB	22	39636829	39636829	-	A	T	86	rs143450333	NA18486
SNORD83B	22	39709836	39709836	-	A	G	81	rs115694446	NA19108
SNORD83B	22	39709891	39709891	-	C	T	26	rs114078061	NA18498
SNORD83A	22	39711272	39711272	-	G	A	41	rs114334676	NA18907
TAB1	22	39795852	39795852	+	G	A	94	rs147943219	NA19108
CACNA1I	22	39966663	39966663	+	T	C	-95	rs79093133	NA18501
GRAP2	22	40297179	40297179	+	C	T	94	rs74983561	NA19116
LOC10013081	22	40428328	40428328	+	A	G	-8	rs114577821	NA18498
SLC25A17	22	41215421	41215421	-	-	GC	-18	.	NA18511
ST13	22	41253019	41253019	+	C	T	-7	rs113773006	NA19236
RBX1	22	41347314	41347314	+	G	A	-37	.	NA18517
RBX1	22	41347390	41347390	+	G	C	40	rs186408571	NA18523
CHADL	22	41636918	41636918	-	G	A	18	rs6002293	NA18864
PHF5A	22	41864658	41864658	-	A	T	51	rs147057892	NA19147
ACO2	22	41865033	41865033	+	G	C	-96	rs143152687	NA18517
PMM1	22	41985801	41985801	-	G	A	71	rs151061108	NA19116
MIR33A	22	42296890	42296890	+	A	T	-58	rs150315185	NA18498
LINC00634	22	42348134	42348134	+	T	C	-57	rs115780094	NA19236
NDUFA6	22	42486842	42486842	+	-	C	47	.	NA18511
CYP2D7	22	42540562	42540562	-	C	T	15	.	NA19189
SERHL	22	42896543	42896543	+	G	A	-42	rs146622344	NA19225
POLDIP3	22	43011009	43011009	-	G	T	-41	rs143329654	NA19198
CYB5R3	22	43040640	43040640	-	C	T	0	rs6002846	NA18864
SULT4A1	22	44258283	44258283	-	C	T	96	rs186802190	NA18864
PARVB	22	44464961	44464961	+	C	T	-36	rs114129729	NA18489
PARVB	22	44464988	44464988	+	C	T	-9	.	NA19236
PARVB	22	44465038	44465038	+	C	G	42	rs137958680	NA18498
MIRLET7A3	22	46508594	46508594	+	G	A	-35	rs369317431	NA19236
MIR6821	22	50356473	50356473	+	C	T	-41	rs139983531	NA18864
MIOX	22	50925169	50925169	+	G	A	-44	rs2232874	NA18923
SCO2	22	50964618	50964618	-	C	T	-44	rs113802488	NA18501
CNTN4-AS1	3	3102867	3102867	-	C	T	-38	rs3913308	NA19236
LMCD1	3	8543508	8543508	+	C	A	16	.	NA18507
RAD18	3	9005238	9005238	-	G	T	-79	rs45586232	NA18916
RAD18	3	9005246	9005246	-	C	T	-87	rs114117187	NA19114
SRGAP3	3	9291441	9291441	-	A	G	-72	rs17744749	NA18861
CIDEC	3	9920666	9920666	-	G	A	75	rs58940229	NA18861
JAGN1	3	9932307	9932307	+	C	A	37	rs184001286	NA19235
EMC3	3	10028452	10028452	-	C	G	71	rs143750379	NA19235
CIDECP	3	10067748	10067748	-	G	A	73	.	NA19116

SEC13	3	10362861	10362861	-	G	T	12	rs28528844	NA19116
SYN2	3	12045899	12045899	+	C	T	66	rs77368781	NA18486
TMEM43	3	14166488	14166489	+	TA	-	49	.	NA18916
SH3BP5-AS1	3	15295778	15295778	+	-	TAAC	88	rs10683677	NA18489
SH3BP5	3	15382855	15382855	-	C	A	47	rs11914645	NA19147
METTL6	3	15469005	15469005	+	G	T	50	rs144383348	NA18907
COLQ	3	15563261	15563268	-	TGTGTGTC	-	-3	rs199798913	NA19198
COLQ	3	15563290	15563291	-	CT	-	-32	rs140731470	NA19198
ANKRD28	3	15900960	15900962	-	GCT	-	94	.	NA18864
ANKRD28	3	15900971	15900973	-	CGA	-	83	.	NA18864
RAB5A	3	19988618	19988618	+	G	C	47	rs35094497	NA18498
MIR3135A	3	20178995	20178995	+	C	-	-62	.	NA19236
UBE2E1-AS1	3	23848418	23848418	-	C	A	-22	.	NA19147
RPL15	3	23959223	23959223	+	A	C	28	rs116177228	NA18523
MIR4442	3	25706415	25706415	-	G	C	16	rs6784191	NA19116
GPD1L	3	32148085	32148085	+	C	T	83	rs1077601	NA18507
DYNC1LI1	3	32612434	32612434	-	C	T	-68	rs28403572	NA18501
GLB1	3	33138614	33138614	-	G	C	81	rs115554377	NA19235
STAC	3	36422064	36422064	+	G	A	86	rs59881573	NA19129
SLC22A13	3	38307219	38307219	+	G	C	-79	.	NA19129
XYLB	3	38388216	38388216	+	A	G	-35	rs2234602	NA19235
EXOG	3	38537780	38537780	+	G	C	18	rs147568482	NA18501
SCN11A	3	38995229	38995229	-	A	C	-87	rs61732226	NA19236
RPSA	3	39448204	39448204	+	C	T	25	rs3772146	NA18511
RPSA	3	39449056	39449056	+	G	A	-55	rs116574601	NA18501
RPL14	3	40498849	40498849	+	A	G	20	rs143013752	NA18856
RPL14	3	40498861	40498861	+	C	G	32	rs115707366	NA18907
VIPR1	3	42530877	42530877	+	G	T	87	rs143370665	NA18489
VIPR1-AS1	3	42574128	42574128	-	G	A	-30	rs147453264	NA19207
LOC729083	3	42812161	42812161	+	T	-	58	.	NA19236
ZNF501	3	44771197	44771197	+	C	T	100	rs113368497	NA18489
KIAA1143	3	44803106	44803106	-	G	A	68	rs201101661	NA18861
KIF15	3	44803233	44803233	+	T	A	25	rs191476358	NA18907
ZDHHC3	3	45017691	45017691	+	G	C	-17	rs115072135	NA18861
EXOSC7	3	45017758	45017758	+	C	T	18	rs200518741	NA18511
LIMD1	3	45636337	45636337	+	G	A	15	.	NA19207
PRSS45	3	46786269	46786269	-	G	A	-24	rs192802961	NA18498
KIF9	3	47324378	47324378	+	T	G	-41	.	NA18916
ATRIP	3	48488107	48488107	+	G	A	-7	rs375145275	NA19236
MIR6823	3	48587523	48587523	-	C	T	-69	rs141597967	NA19236
PFKFB4	3	48594309	48594309	-	A	C	-82	rs180722192	NA19129

SLC25A20	3	48936480	48936480	-	G	T	-54	rs112378980	NA18907
P4HTM	3	49027409	49027409	+	C	T	69	rs185312725	NA19236
MIR425	3	49057720	49057720	-	T	G	-53	rs113821860	NA18907
MIR6890	3	49137381	49137381	-	A	G	-34	rs149070379	NA18523
TCTA	3	49449685	49449685	+	T	C	47	rs139004176	NA18909
RNF123	3	49727017	49727017	+	G	A	68	.	NA19236
FAM212A	3	49840711	49840711	+	G	T	25	rs6798339	NA19114
FAM212A	3	49840744	49840744	+	C	T	58	.	NA19189
CACNA2D2	3	50541624	50541624	-	-	G	52	rs141927815	NA18856
ABHD14B	3	52008636	52008636	-	G	C	11	rs323896	NA18498
ABHD14B	3	52008723	52008723	-	G	A	-77	rs72964016	NA18498
MIRLET7G	3	52302403	52302403	-	G	A	-26	rs186206259	NA18864
TNNC1	3	52488110	52488114	-	GCCCA	-	-53	.	NA18909
STAB1	3	52529393	52529393	+	C	T	38	rs202212812	NA18864
GNL3	3	52719948	52719948	+	C	T	13	.	NA18501
GLT8D1	3	52740187	52740187	-	C	T	-88	rs200515583	NA18909
NEK4	3	52804924	52804924	-	G	A	42	rs115905120	NA18523
MIR8064	3	52880543	52880543	-	G	A	26	rs4687672	NA18489
DCP1A	3	53381663	53381663	-	C	A	-9	rs143465014	NA18864
ACTR8	3	53916147	53916147	-	C	A	83	rs76042031	NA19189
LRTM1	3	54962182	54962182	-	C	T	-81	rs142882366	NA18909
CCDC66	3	56591143	56591143	+	T	C	-41	rs115679108	NA18856
ARHGEF3	3	56835947	56835947	-	C	T	49	.	NA19107
LRIG1	3	66550756	66550756	-	G	C	90	rs1403625	NA18486
LRIG1	3	66550762	66550762	-	G	C	84	rs1403626	NA18486
SUCLG2	3	67705028	67705028	+	G	A	11	rs148715548	NA19116
TMF1	3	69101428	69101428	-	-	G	57	rs150297020	NA18501
TMF1	3	69101430	69101430	-	G	T	55	rs186081443	NA19236
ARL6IP5	3	69134130	69134130	+	A	G	41	.	NA19129
MITF	3	69812903	69812903	+	C	T	-59	rs72950039	NA18489
MITF	3	69985718	69985718	+	G	A	-33	rs112598669	NA19147
MITF	3	69985838	69985838	+	G	A	88	rs77588960	NA19236
RYBP	3	72495778	72495778	-	G	A	-4	.	NA18923
FAM86DP	3	75484289	75484289	-	G	A	-23	rs193291687	NA18486
MIR1324	3	75679963	75679963	+	C	T	50	rs201125883	NA19236
MIR1324	3	75679993	75679993	+	C	T	80	rs202177109	NA19236
ROBO1	3	79068579	79068579	-	G	C	31	rs149699222	NA18511
OR5H2	3	98001773	98001773	+	G	T	42	rs142169306	NA18523
OR5H2	3	98001826	98001834	+	TGTTCTTGG	-	95	.	NA19207
RPL24	3	101405534	101405534	-	C	G	30	rs146408486	NA19236
RPL24	3	101405637	101405637	-	G	C	-74	rs61302621	NA18501

CEP97	3	101443404	101443404	+	G	A	-33	rs141029319	NA19107
CEP97	3	101443528	101443528	+	T	G	92	rs201090433	NA18486
CEP97	3	101443531	101443531	+	C	G	95	.	NA18486
MYH15	3	108248200	108248200	-	T	C	-31	rs143856569	NA19235
MYH15	3	108248230	108248230	-	A	C	-61	rs78533062	NA18489
DPPA4	3	109056389	109056389	-	A	C	31	rs199742086	NA18916
DPPA4	3	109056415	109056415	-	C	T	5	rs139830132	NA19107
ZBED2	3	111314128	111314128	-	G	A	55	rs72939568	NA19225
TAGLN3	3	111717681	111717681	+	G	T	96	rs41270435	NA19236
SIDT1	3	113251126	113251126	+	T	-	-92	.	NA18489
ZBTB20-AS3	3	114591921	114591921	+	T	C	42	rs636626	NA18489
B4GALT4-AS	3	118945369	118945369	+	C	T	37	rs114902823	NA18861
POGLUT1	3	119187800	119187800	+	G	A	16	rs141345615	NA18861
PLA1A	3	119316711	119316711	+	T	C	17	rs150838936	NA18864
COX17	3	119396282	119396282	-	T	C	-39	rs141671893	NA19107
NR1I2	3	119501650	119501650	+	G	C	94	.	NA19235
GTF2E1	3	120461598	120461598	+	G	T	41	rs74335002	NA18916
ARGFX	3	121286715	121286715	+	G	C	-63	rs9871468	NA18861
IQCB1	3	121553889	121553889	-	G	A	38	rs191557781	NA19147
MIR7110	3	122880552	122880552	+	G	C	-89	rs76830447	NA19147
MYLK-AS2	3	123408479	123408479	+	C	G	-12	rs115352076	NA18498
UMPS	3	124449191	124449191	+	C	A	-22	rs17843771	NA19198
ALG1L	3	125655891	125655891	-	T	C	-4	rs12490608	NA19236
CHCHD6	3	126423125	126423125	+	C	T	63	rs200230339	NA19147
CHCHD6	3	126423136	126423136	+	C	T	74	rs200360858	NA19147
PLXNA1	3	126707450	126707450	+	C	T	14	rs72957093	NA18856
PLXNA1	3	126707486	126707488	+	TGC	-	50	.	NA18916
ABTB1	3	127391847	127391847	+	C	T	67	rs201970814	NA18511
LINC01565	3	128294854	128294854	-	G	T	76	.	NA19147
COPG1	3	128968374	128968374	+	G	A	-79	rs115538538	NA18864
COPG1	3	128968481	128968481	+	A	G	29	rs370325284	NA18864
EFCAB12	3	129147397	129147397	-	C	A	98	rs187382408	NA18489
H1FOO	3	129262077	129262077	+	G	A	21	rs118098064	NA19189
COL6A6	3	130279271	130279271	+	C	T	94	rs76315272	NA18923
NUDT16	3	131100688	131100688	+	G	A	64	.	NA19207
ACPP	3	132036278	132036278	+	T	C	68	rs73001146	NA18861
CDV3	3	133292374	133292374	+	G	A	-60	rs188856134	NA19236
MIR4788	3	134156756	134156756	+	C	T	88	rs76879847	NA18909
KY	3	134369858	134369858	-	T	C	7	.	NA19236
PCCB	3	135969078	135969078	+	C	G	-89	rs16843806	NA18909
IL20RB	3	136676789	136676789	+	G	A	83	rs141518075	NA18486

MRPS22	3	139062895	139062895	+	G	C	35	rs148997212	NA19235
ATP1B3	3	141595564	141595564	+	C	G	95	rs150197806	NA19108
PLSCR4	3	145968552	145968552	-	G	A	100	rs2867084	NA19236
TM4SF18	3	149051269	149051269	-	-	TCTTTTTTT	-10	.	NA18916
TM4SF18	3	149051272	149051272	-	-	TTTTG	-13	.	NA19189
TM4SF18	3	149051273	149051273	-	-	TTTG	-14	.	NA18909
TM4SF1-AS1	3	149095546	149095546	+	G	A	-19	rs192798421	NA19235
COMMD2	3	149470248	149470248	-	T	C	39	rs138597206	NA18861
EIF2A	3	150264564	150264564	+	C	T	-10	rs192973743	NA18489
SELT	3	150321015	150321015	+	G	A	-51	rs2276759	NA19236
SELT	3	150321041	150321041	+	-	C	-25	.	NA18486
ERICH6-AS1	3	150421782	150421782	+	A	G	21	.	NA18489
GPR87	3	151034602	151034602	-	G	A	35	rs1472122	NA19236
AADAC	3	151531799	151531799	+	T	C	-62	rs116319159	NA18861
C3orf79	3	153202224	153202224	+	T	C	-60	rs3732618	NA19236
C3orf79	3	153202348	153202348	+	G	A	65	rs3732619	NA19236
GPR149	3	154147453	154147453	-	T	C	52	rs142368312	NA18486
KCNAB1-AS1	3	156164622	156164622	-	G	A	73	rs114202770	NA19107
PTX3	3	157154552	157154552	+	C	G	-28	.	NA19189
VEPH1	3	157213308	157213308	-	C	T	-13	.	NA18909
LOC1009964	3	158288888	158288888	+	G	A	-33	rs76326123	NA19114
IQCJ	3	158786963	158786963	+	C	T	-78	rs78527880	NA19236
LINC01100	3	159738501	159738501	+	A	T	66	rs57947280	NA18856
LOC1012435	3	161144141	161144141	+	C	T	-74	rs9860409	NA18856
MECOM	3	168864177	168864177	-	G	A	-84	rs55845841	NA18501
TERC	3	169482791	169482791	-	C	T	58	rs113487931	NA19235
LRR31	3	169587684	169587684	-	C	A	40	rs112238324	NA18486
MIR6828	3	170140907	170140907	+	G	T	17	rs149589357	NA19108
LINC01014	3	178136973	178136973	+	G	A	-16	rs6799033	NA18856
MRPL47	3	179322393	179322393	-	G	A	42	rs201911825	NA18486
NDUFB5	3	179322582	179322582	+	C	T	8	rs200272715	NA18511
DNAJC19	3	180707472	180707472	-	T	C	91	.	NA19114
PARL	3	183602607	183602607	-	C	T	87	rs142691329	NA19236
PARL	3	183602649	183602649	-	C	T	45	rs200106929	NA19236
HTR3D	3	183749497	183749497	+	T	C	-33	rs190313934	NA18856
HTR3D	3	183749601	183749601	+	T	A	72	rs75361486	NA18864
ECE2	3	183967495	183967495	+	G	A	51	rs76486175	NA19129
PSMD2	3	184018370	184018370	+	A	C	2	.	NA18864
LIPH	3	185270397	185270397	-	G	A	-28	rs79952553	NA19107
LIPH	3	185270409	185270409	-	G	A	-40	rs183869327	NA19129
IGF2BP2-AS1	3	185431131	185431131	+	T	A	92	rs56369723	NA19198

DGKG	3	186079990	186079990	-	T	C	34	rs7617588	NA18856
DNAJB11	3	186288418	186288418	+	C	T	-47	rs114104753	NA18907
DNAJB11	3	186288438	186288438	+	C	G	-27	rs59536219	NA19129
MASP1	3	187009838	187009838	-	-	TGTGT	-28	.	NA18507
RTP4	3	187086076	187086076	+	T	C	-92	.	NA18486
LOC10013161	3	187420182	187420182	+	T	C	29	rs73043382	NA18501
ATP13A5-AS1	3	193025062	193025062	+	C	T	30	rs144058014	NA18907
ATP13A4	3	193272863	193272863	-	C	T	49	rs143066833	NA18489
ATP13A4	3	193272877	193272877	-	T	C	35	rs114073215	NA19225
OPA1	3	193310995	193310995	+	T	A	63	rs146295726	NA18517
HES1	3	193853978	193853978	+	C	T	48	rs114479819	NA18907
MUC20	3	195447834	195447834	+	C	T	82	rs11185522	NA19235
TFRC	3	195809080	195809080	-	G	C	-48	rs3827555	NA19236
NCBP2	3	196669398	196669398	+	G	A	67	rs115005109	NA18907
MIR4797	3	197020758	197020758	-	G	A	62	rs140219060	NA19236
IQCG	3	197686962	197686962	-	C	G	-76	rs116058669	NA18517
ZNF718	4	53257	53258	+	CT	-	65	.	NA19147
ZNF718	4	124282	124282	+	-	G	-76	rs61261084	NA18864
MIR571	4	343998	343998	+	T	C	53	rs148718934	NA19189
PIGG	4	493045	493045	+	T	A	57	.	NA18907
PDE6B	4	619306	619306	+	C	T	-57	.	NA18861
PDE6B	4	619441	619441	+	G	A	79	rs76755568	NA18517
ATP5I	4	668162	668162	-	G	A	-35	rs117956862	NA18501
MAEA	4	1283542	1283542	+	T	C	-97	.	NA19147
C4orf48	4	2043876	2043876	+	C	T	100	rs116333524	NA19235
FAM193A	4	2627163	2627163	+	A	G	5	rs114042485	NA18489
LINC00955	4	3578543	3578543	+	G	A	-53	rs73199346	NA18909
LINC00955	4	3578677	3578677	+	C	T	82	rs111712399	NA19236
PPP2R2C	4	6383671	6383671	-	C	T	-74	.	NA18907
S100P	4	6695499	6695499	+	A	G	-67	rs73089272	NA18861
MIR4274	4	7461769	7461769	+	A	G	15	rs12512664	NA18856
GPR78	4	8581873	8581877	+	CTTCA	-	-91	rs146109297	NA18856
USP17L11	4	9217197	9217197	+	T	C	67	.	NA18923
USP17L17	4	9245597	9245597	+	C	A	-8	.	NA18489
USP17L17	4	9245631	9245631	+	A	T	27	.	NA18489
USP17L17	4	9245671	9245671	+	T	C	67	.	NA19207
NKX3-2	4	13546048	13546048	-	G	T	67	rs138460070	NA18486
FAM200B	4	15683318	15683318	+	C	T	-34	rs13150957	NA18856
LAP3	4	17578891	17578891	+	A	G	-36	rs10939735	NA19225
NCAPG	4	17812513	17812513	+	T	G	78	rs114011197	NA18909
DHX15	4	24586187	24586187	-	-	GC	-3	.	NA18916

SEPSECS	4	25162130	25162130	-	-	A	75	rs151168451	NA19107
RBPJ	4	26322333	26322333	+	G	A	-96	rs200809018	NA18517
CCKAR	4	26492104	26492104	-	A	T	-62	rs36224751	NA18916
TLR6	4	38858454	38858455	-	AC	-	-16	rs147729463	NA18489
MIR574	4	38869731	38869731	+	C	T	79	rs371124579	NA19236
RPL9	4	39460304	39460304	-	G	A	-97	rs79947511	NA19107
LIAS	4	39460706	39460706	+	A	T	63	rs78325971	NA19114
UBE2K	4	39699701	39699701	+	G	A	38	rs28450192	NA18507
UCHL1-AS1	4	41258712	41258712	-	G	C	33	rs59095657	NA18861
UCHL1	4	41258983	41258983	+	G	T	86	rs200302762	NA18511
LIMCH1	4	41362806	41362806	+	A	G	5	rs183521603	NA18864
DCAF4L1	4	41983625	41983625	+	G	A	-88	rs78966744	NA18861
NIPAL1	4	48018793	48018793	+	G	T	3	.	NA18864
TXK	4	48136298	48136298	-	C	T	-25	rs151201878	NA18864
TXK	4	48136363	48136363	-	A	G	-90	rs79872462	NA18864
CWH43	4	48988571	48988571	+	G	A	-88	rs74541513	NA18517
KDR	4	55991779	55991779	-	T	A	-17	rs6824124	NA19236
PDCL2	4	56458476	56458476	-	A	G	-97	rs17085929	NA19116
PPAT	4	57301733	57301733	-	G	A	70	rs60097571	NA19129
PPAT	4	57301750	57301750	-	G	A	53	rs3822001	NA19207
HOPX	4	57547971	57547971	-	C	T	-99	.	NA19147
SPINK2	4	57687868	57687868	-	A	T	41	.	NA18916
NOA1	4	57843802	57843802	-	G	T	25	rs75237584	NA19116
STAP1	4	68424475	68424475	+	A	G	30	rs79859115	NA18523
TMPRSS11BI	4	69083869	69083869	-	-	A	-71	rs34548520	NA18864
UGT2B10	4	69886182	69886182	-	A	G	-67	rs144091976	NA18907
UGT2B7	4	69962120	69962120	+	A	G	-73	rs116379338	NA18907
CABS1	4	71200583	71200583	+	C	T	-88	.	NA18507
ENAM	4	71494366	71494366	+	A	G	-95	rs1993580	NA18856
MOB1B	4	71768137	71768137	+	G	A	81	.	NA18486
ADAMTS3	4	73434541	73434541	-	C	G	-25	.	NA19108
LOC728040	4	74374425	74374425	+	G	A	-95	rs1997333	NA18489
PPBP	4	74853937	74853937	-	T	C	-30	rs111910007	NA19236
RCHY1	4	76439583	76439583	+	T	C	58	.	NA18907
C4orf26	4	76481238	76481238	+	C	G	-20	rs138223069	NA18861
SDAD1	4	76912017	76912017	-	G	A	99	rs114334606	NA18856
SDAD1	4	76912065	76912065	-	G	T	51	rs114686784	NA18856
FGF5	4	81187807	81187807	+	C	A	66	rs10009362	NA19236
FGF5	4	81187831	81187831	+	C	G	90	.	NA19189
C4orf22	4	81256819	81256819	+	G	C	-55	rs112531823	NA18507
MIR575	4	83674520	83674520	-	G	A	64	rs149186367	NA19225

CDS1	4	85503996	85503996	+	C	T	-61	rs76183056	NA19236
WDFY3-AS2	4	85887987	85887987	+	T	C	17	rs146932914	NA18523
ARHGAP24	4	86396322	86396322	+	C	G	39	rs72970764	NA18489
MIR4451	4	86643523	86643523	+	A	T	-98	rs184789740	NA18907
NUDT9	4	88343645	88343645	+	G	A	-83	.	NA19236
NAP1L5	4	89618996	89618996	-	G	A	28	.	NA19236
FAM13A	4	89978445	89978445	-	A	T	-99	rs72665902	NA19108
MMRN1	4	90815973	90815973	+	C	T	-79	rs140764350	NA18916
PDHA2	4	96761217	96761217	+	A	G	-22	.	NA19236
EIF4E	4	99850297	99850297	-	-	G	-54	rs142990298	NA19107
ADH5	4	100009953	100009953	+	-	GA	-14	.	NA18856
PCNAP1	4	100082861	100082861	-	A	C	-57	rs112808368	NA18498
ADH1C	4	100274134	100274134	-	T	-	69	.	NA18489
ADH1C	4	100274137	100274137	-	C	A	66	.	NA18489
UBE2D3	4	103789985	103789985	-	C	T	66	rs188990141	NA19198
TBCK	4	107237399	107237399	-	C	G	25	.	NA19114
TBCK	4	107237513	107237513	-	-	G	-90	.	NA18864
RRH	4	110749236	110749236	+	C	T	87	rs79956056	NA19114
EGF	4	110834116	110834116	+	A	G	77	.	NA19225
ENPEP	4	111397294	111397294	+	G	A	66	.	NA18916
ENPEP	4	111397304	111397306	+	TCT	-	76	.	NA19129
MIR302D	4	113569207	113569207	-	G	T	21	rs138673224	NA18486
MIR302C	4	113569610	113569610	-	G	A	-24	rs73841094	NA19147
TRAM1L1	4	118006718	118006718	-	A	G	19	rs73852892	NA19236
PRSS12	4	119273848	119273848	-	G	C	75	rs143520192	NA18523
FABP2	4	120243300	120243300	-	C	G	17	rs74406982	NA19147
LINC01061	4	120331782	120331782	-	T	C	34	rs4001207	NA18489
PDE5A	4	120549886	120549886	-	C	T	96	rs191959415	NA18507
EXOSC9	4	122722436	122722436	+	C	T	-36	rs147529530	NA19235
FGF2	4	123747942	123747942	+	G	C	80	rs308400	NA18864
HSPA4L	4	128703506	128703506	+	G	C	54	.	NA18517
HSPA4L	4	128703519	128703519	+	-	GA	67	.	NA19225
HSPA4L	4	128703520	128703520	+	-	3CGGTGCAC	68	.	NA19225
SLC7A11	4	139163506	139163506	-	C	A	-3	rs186674618	NA19107
UCP1	4	141489947	141489947	-	T	-	13	rs144172393	NA19189
UCP1	4	141490015	141490015	-	G	A	-56	rs112140607	NA19189
GYPE	4	144826776	144826776	-	T	C	-60	rs4054586	NA19114
GYPB	4	144940557	144940557	-	G	A	-59	rs181442522	NA18907
GYPA	4	145061905	145061905	-	G	A	-1	rs189205563	NA19198
RPS3A	4	152020753	152020753	+	T	C	29	rs376058155	NA18916
DCHS2	4	155312398	155312400	-	TCT	-	52	.	NA19236

PLRG1	4	155471517	155471517	-	A	C	69	.	NA19107
LRAT	4	155665177	155665177	+	G	T	55	rs77224348	NA18489
GUCY1A3	4	156588088	156588088	+	G	A	-27	rs148738619	NA19236
GUCY1B3	4	156680194	156680194	+	C	G	70	.	NA18501
ANP32C	4	165118794	165118794	-	G	T	70	rs116499257	NA18907
FAM218A	4	165878035	165878035	+	G	A	-65	rs140684049	NA19107
FAM218A	4	165878170	165878170	+	A	G	71	rs3733419	NA18507
CBR4	4	169931454	169931454	-	G	A	15	rs74902032	NA19108
CLCN3	4	170581226	170581226	+	G	A	14	rs10520159	NA18856
C4orf27	4	170678999	170678999	-	G	C	95	rs61997073	NA18501
GALNT7	4	174089983	174089983	+	G	A	80	rs200985806	NA19108
LOC10192851	4	175752813	175752813	+	G	A	-66	rs72995890	NA19236
SPATA4	4	177116809	177116809	-	C	T	14	.	NA18489
SPATA4	4	177116885	177116885	-	C	G	-63	.	NA18501
CLDN24	4	184243541	184243541	-	T	C	39	rs184328199	NA19116
CENPU	4	185655214	185655214	-	C	T	73	rs193135363	NA18916
SLED1	4	185720256	185720256	-	T	A	-56	rs6552825	NA19236
ANKRD37	4	186317809	186317809	+	C	-	-31	.	NA18523
MTNR1A	4	187476503	187476503	-	C	T	35	.	NA19225
LOC1005062	4	188593856	188593856	-	T	A	-61	rs115425884	NA18856
LOC1005062	4	188593893	188593893	-	T	C	-98	rs191878374	NA18856
LINC01262	4	190580819	190580819	+	T	A	60	.	NA18856
FRG1	4	190861981	190861981	+	G	T	8	.	NA18498
CEP72	5	612398	612398	+	C	G	-7	.	NA18907
LINC01020	5	5034429	5034432	+	CAAA	-	-43	rs10547978	NA18909
FLJ33360	5	6337371	6337371	-	C	T	35	rs75258670	NA18498
LOC442132	5	7306873	7306873	-	C	T	-46	rs12516994	NA18486
FAM173B	5	10250010	10250010	-	A	T	12	.	NA18501
FAM173B	5	10250011	10250011	-	A	T	11	.	NA18501
MIR4454	5	12668006	12668006	+	G	A	36	rs148784729	NA18856
C5orf22	5	31532345	31532345	+	G	T	-28	.	NA19114
C5orf22	5	31532358	31532358	+	C	-	-15	rs376462418	NA19114
MTMR12	5	32313074	32313074	-	A	G	41	.	NA18501
ADAMTS12	5	33892059	33892059	-	G	A	66	.	NA18517
BRIX1	5	34915875	34915875	+	G	T	56	rs115542979	NA18861
UGT3A1	5	35991581	35991581	-	T	A	-46	rs114211350	NA19147
NUP155	5	37371197	37371197	-	T	C	32	.	NA19198
EGFLAM	5	38445672	38445672	+	G	A	95	rs141381972	NA18856
RICTOR	5	39074424	39074424	-	G	T	87	.	NA18489
RPL37	5	40835433	40835433	-	A	G	-46	rs41271055	NA18861
RPL37	5	40835460	40835460	-	C	G	-73	rs111605127	NA18517

GHR	5	42565912	42565912	+	A	G	-54	rs372702393	NA18489
HMGCS1	5	43313570	43313570	-	C	T	45	rs12514399	NA18489
NNT	5	43602842	43602842	+	T	C	52	.	NA18856
FGF10	5	44388688	44388688	-	C	T	97	rs145373611	NA18523
FGF10	5	44388794	44388794	+	A	G	-10	rs143865624	NA18498
PARP8	5	49962761	49962761	+	T	C	-11	.	NA18909
LOC10028751	5	50266005	50266005	-	C	T	17	rs250236	NA19236
ISL1	5	50679014	50679014	+	A	G	57	rs3762977	NA18486
ESM1	5	54281318	54281318	-	G	A	97	rs142082865	NA18909
MIR449B	5	54466544	54466544	-	A	G	27	rs10061133	NA18856
CDC20B	5	54468999	54468999	-	C	T	7	.	NA19189
SKIV2L2	5	54603662	54603662	+	G	A	87	rs188828214	NA18916
ANKRD55	5	55529088	55529089	-	AC	-	99	rs138135346	NA19129
ACTBL2	5	56778731	56778731	-	C	A	-95	rs114126923	NA19147
PDE4D	5	58882327	58882327	-	-	T	-3	rs201540124	NA19235
PDE4D	5	58882331	58882331	-	C	A	-7	rs201904888	NA19235
PART1	5	59783541	59783541	+	A	G	2	rs16878144	NA19236
DEPDC1B	5	59996084	59996084	-	C	A	-91	rs897671	NA19236
MAST4	5	66254786	66254786	+	A	-	89	.	NA18923
CENPH	5	68485299	68485299	+	C	G	-76	.	NA19147
RAD17	5	68665736	68665736	+	T	C	98	rs3756400	NA18864
LOC647859	5	70388939	70388939	-	T	G	-42	.	NA18523
PTCD2	5	71616232	71616232	+	C	G	39	rs77657533	NA19235
UTP15	5	72861580	72861580	+	C	T	15	rs16870592	NA18523
LINC01333	5	73618337	73618337	+	G	A	27	rs145187873	NA19116
F2RL2	5	75919161	75919161	-	T	C	78	rs2069648	NA19207
F2RL2	5	75919221	75919221	-	A	G	18	rs149095737	NA18517
S100Z	5	76145904	76145904	+	G	A	79	rs114235150	NA19236
SNORA47	5	76376478	76376478	-	-	T	-82	rs149659097	NA18501
AP3B1	5	77590594	77590594	-	G	C	-15	.	NA19235
AP3B1	5	77590605	77590605	-	G	A	-26	rs74700106	NA18856
SCAMP1-AS1	5	77656402	77656402	+	G	C	-37	rs4072853	NA18864
RASGRF2	5	80256596	80256596	+	G	C	89	rs114321099	NA18501
SCARNA18	5	82360215	82360215	-	T	C	-59	rs75944262	NA18923
SCARNA18	5	82360255	82360255	-	G	C	-99	rs145382902	NA19116
TMEM167A	5	82373249	82373249	+	T	C	24	rs28383110	NA19116
ADGRV1	5	89854615	89854615	+	G	A	-2	rs7706355	NA19236
ADGRV1	5	89854666	89854666	+	G	C	50	rs116110048	NA18523
MCTP1	5	94417521	94417521	-	T	C	50	rs11953163	NA19236
FAM81B	5	94727053	94727053	+	C	T	6	rs13360706	NA18498
ERAP2	5	96211730	96211730	+	G	C	87	rs17087114	NA19147

LIX1	5	96478483	96478483	-	A	T	38	rs190866765	NA18856
RIOK2	5	96518927	96518927	-	C	G	79	rs76849192	NA19129
FAM174A	5	99871046	99871046	+	G	A	38	rs114325242	NA18861
FAM174A	5	99871097	99871097	+	T	A	89	rs111589697	NA19116
SLCO6A1	5	101834790	101834790	-	-	A	-70	.	NA19236
RAB9BP1	5	104435187	104435187	+	T	A	13	.	NA18907
WDR36	5	110427862	110427862	+	T	G	-8	rs186909023	NA18486
LOC1024672	5	111964214	111964214	+	G	C	82	rs61501335	NA18907
DCP2	5	112312470	112312470	+	T	C	64	.	NA18501
DCP2	5	112312477	112312477	+	G	C	71	rs186294051	NA19107
ARL14EPL	5	115387119	115387119	+	T	C	-44	rs1541802	NA19129
COMMD10	5	115420660	115420660	+	G	A	-67	rs115091948	NA18511
COMMD10	5	115420721	115420721	+	C	G	-6	rs188045129	NA18486
MIR1244-1	5	118310291	118310291	+	G	A	11	rs370764262	NA19198
DMXL1	5	118406702	118406702	+	C	G	-80	rs4469214	NA19147
TNFAIP8	5	118690483	118690483	+	A	G	16	rs3920174	NA18498
HSD17B4	5	118788244	118788244	+	G	C	53	rs34604765	NA18511
LOX	5	121412819	121412819	-	A	C	100	rs185898988	NA18517
ALDH7A1	5	125931041	125931041	-	G	A	42	rs900640	NA19114
PHAX	5	125936549	125936549	+	C	G	-58	.	NA18916
ADAMTS19	5	128796055	128796055	+	G	A	-48	rs80101273	NA19107
HINT1	5	130501057	130501057	-	G	C	-16	rs6862322	NA18523
LYRM7	5	130506538	130506538	+	G	A	-69	rs138005250	NA18486
IL3	5	131396296	131396296	+	G	A	-51	rs144140764	NA18907
LOC553103	5	131705558	131705558	-	G	T	51	rs13180186	NA19107
IL13	5	131993870	131993870	+	A	C	6	rs202009492	NA18861
IL13	5	131993940	131993940	+	C	T	76	rs78181870	NA19114
KIF3A	5	132073190	132073190	-	C	G	81	rs375983446	NA19114
GDF9	5	132202254	132202254	+	T	C	18	rs114932352	NA18511
GDF9	5	132202583	132202583	-	G	A	-7	rs137995316	NA18523
LEAP2	5	132209379	132209380	+	CT	-	22	rs3215122	NA19116
ZCCHC10	5	132362362	132362362	-	T	G	-87	rs186419594	NA19108
MIR4461	5	134263736	134263736	+	C	T	8	rs76140598	NA18498
MIR874	5	136983326	136983326	-	G	A	13	.	NA18511
MIR874	5	136983410	136983410	-	C	A	-72	.	NA19236
FAM53C	5	137673167	137673167	+	A	C	-57	rs3756766	NA18489
SLC4A9	5	139739769	139739769	+	C	T	-18	rs78356773	NA19108
SRA1	5	139937116	139937116	-	G	A	-75	rs199896934	NA18517
DND1	5	140053076	140053076	-	G	A	96	rs112439761	NA19108
PCDHA1	5	140165641	140165641	+	T	C	-80	rs4151677	NA19107
PCDHA2	5	140174397	140174397	+	A	C	-47	rs11947997	NA19129

PCDHA10	5	140235381	140235381	+	A	G	-87	rs140328724	NA19189
PCDHA10	5	140235431	140235431	+	C	T	-37	rs112115141	NA19198
PCDHAC1	5	140306300	140306300	+	G	A	-2	rs114961630	NA19147
PCDHB5	5	140514828	140514828	+	A	G	41	rs138586965	NA19198
PCDHB8	5	140557365	140557365	+	C	G	-6	rs2910315	NA18923
PCDHB10	5	140571867	140571889	+	AGGCCACAC	-	-85	.	NA18856
PCDHB12	5	140588316	140588317	+	AG	-	26	rs10568970	NA18856
PCDHGA7	5	140762262	140762262	+	G	A	-44	rs76993444	NA19235
PCDHGA7	5	140762283	140762283	+	C	G	-23	rs11575956	NA18923
PCDHGB4	5	140767385	140767385	+	G	T	-67	rs115340023	NA18486
PCDHGC3	5	140855562	140855562	+	C	A	-7	rs140916255	NA18923
PCDHGC4	5	140864679	140864679	+	T	G	-62	.	NA18856
ARHGAP26-I	5	142572026	142572026	+	C	T	-39	rs13188339	NA18489
LARS	5	145562292	145562292	-	A	C	3	rs192999566	NA18523
LARS	5	145562351	145562351	-	A	G	-57	rs17428647	NA19189
RBM27	5	145583259	145583259	+	G	A	97	rs73793869	NA18864
TCERG1	5	145826949	145826949	+	C	A	77	rs79408814	NA19147
JAKMIP2-AS1	5	146939566	146939566	+	C	T	10	rs79731827	NA18489
C5orf46	5	147286137	147286137	-	T	C	-36	rs115301671	NA19189
C5orf46	5	147286160	147286160	-	T	C	-59	rs185635303	NA19189
SPINK14	5	147549255	147549255	+	A	G	-41	rs115028758	NA18523
SPINK6	5	147582371	147582371	+	G	C	15	rs114746398	NA19107
HTR4	5	148016537	148016537	-	A	G	88	rs17639735	NA18907
MIR143	5	148808475	148808475	+	G	A	-6	.	NA18907
CSNK1A1	5	148929821	148929821	-	G	C	74	rs112463471	NA18916
RBM22	5	150080727	150080727	-	A	T	-58	rs10067102	NA19189
RBM22	5	150080728	150080728	-	A	G	-59	rs111849633	NA19225
DCTN4	5	150138174	150138174	-	C	-	-92	rs369731542	NA18486
GPX3	5	150399930	150399930	+	G	A	-69	rs8177410	NA18489
TNIP1	5	150444691	150444691	-	G	A	2	rs115856133	NA18507
MIR6499	5	150901645	150901645	-	C	T	65	rs142310498	NA19147
GLRA1	5	151304301	151304301	-	C	G	97	.	NA19114
GLRA1	5	151304480	151304480	-	T	C	-83	rs372984292	NA19114
NMUR2	5	151784916	151784916	-	A	G	-76	rs114523919	NA18923
MIR1303	5	154065369	154065369	+	-	T	34	rs199839137	NA19235
LARP1	5	154092375	154092375	+	C	G	-87	rs115384757	NA19108
MIR378H	5	154209024	154209024	+	A	G	7	rs702742	NA19236
MRPL22	5	154320600	154320601	+	CA	-	-33	rs370528791	NA19236
PPP1R2P3	5	156277465	156277465	+	G	T	-84	rs7737304	NA18907
PPP1R2P3	5	156277561	156277561	+	G	A	13	rs112294084	NA18507
TIMD4	5	156390362	156390362	-	A	G	-96	rs79614070	NA18489

FAM71B	5	156593237	156593237	-	C	T	43	rs115110133	NA19129
ITK	5	156607843	156607843	+	A	G	-64	rs60775953	NA18517
CLINT1	5	157286104	157286104	-	G	C	80	rs116812209	NA19236
EBF1	5	158526714	158526714	-	A	T	75	rs190123231	NA18486
FABP6	5	159626022	159626022	+	C	T	-26	rs116602704	NA19116
FABP6	5	159626127	159626127	+	C	T	80	rs201223363	NA18856
NUDCD2	5	162887112	162887112	-	A	C	32	rs7734016	NA18517
HMMR	5	162887514	162887514	+	A	G	-3	rs111450234	NA18517
MAT2B	5	162932587	162932587	+	T	C	54	rs78092707	NA18517
GABRP	5	170210761	170210761	+	C	T	39	rs929761	NA19116
NPM1	5	170814696	170814696	+	-	G	-12	.	NA19236
LINC01484	5	173173186	173173186	-	G	A	27	rs28566886	NA18856
LINC01485	5	173217942	173217942	-	A	G	4	rs791370	NA19236
C5orf47	5	173416234	173416234	+	C	G	73	rs11745410	NA18864
LOC10050731	5	175546551	175546551	+	G	A	-1	rs1643771	NA18864
HIGD2A	5	175815814	175815814	+	C	-	31	rs146436777	NA19147
FAF2	5	175875317	175875317	+	-	G	-39	.	NA19114
FAF2	5	175875320	175875320	+	C	G	-36	.	NA19114
PFN3	5	176827646	176827646	-	C	T	-9	rs6869526	NA18486
DOK3	5	176936895	176936895	-	A	C	-37	.	NA19225
HNRNPAB	5	177631468	177631468	+	G	A	-40	rs55653122	NA18856
MIR1229	5	179225383	179225383	-	G	A	-37	rs199546175	NA18511
MIR1229	5	179225386	179225386	-	G	A	-40	rs17854722	NA18909
GFPT2	5	179780382	179780382	-	-	G	-67	rs5873688	NA18864
OR2Y1	5	180166985	180166985	-	G	T	74	rs141057165	NA19235
SNORD95	5	180670375	180670375	-	-	C	2	.	NA18489
SERPINB9P1	6	2876704	2876704	-	C	T	41	rs76756741	NA18489
HTATSFP2	6	3024918	3024918	-	G	A	88	rs62392505	NA18856
RPP40	6	5004330	5004330	-	G	T	-33	rs115514259	NA18909
LY86	6	6588834	6588835	+	TG	-	-100	.	NA18923
LY86	6	6588997	6588997	+	C	T	64	rs74356155	NA18489
PIP5K1P1	6	7986293	7986293	+	A	-	-42	rs11295581	NA18864
BLOC1S5	6	8064694	8064694	-	G	-	-47	.	NA18909
C6orf52	6	10694809	10694809	-	C	T	31	rs150928914	NA18489
PAK1IP1	6	10695198	10695198	+	A	C	11	rs112419636	NA19114
GCM2	6	10882164	10882165	-	AG	-	-66	.	NA18511
SYCP2L	6	10887147	10887147	+	G	C	84	rs16870749	NA18864
MIR4639	6	16141708	16141708	+	-	T	-79	.	NA19108
RBM24	6	17282912	17282912	+	A	G	-20	.	NA18909
NHLRC1	6	18122942	18122942	-	G	C	-91	rs12111366	NA19236
MBOAT1	6	20212606	20212606	-	G	A	90	rs113570493	NA18916

MBOAT1	6	20212662	20212662	-	T	G	34	rs2328392	NA18517
HDGFL1	6	22569638	22569638	+	C	T	-40	rs75930223	NA19225
HDGFL1	6	22569735	22569735	+	C	T	58	.	NA18517
DCDC2	6	24358372	24358372	-	A	G	-92	rs141508455	NA19236
ACOT13	6	24667265	24667297	+	GCTTCGTC	-	3	.	NA18507
ACOT13	6	24667323	24667323	+	C	T	61	rs17243157	NA19235
ACOT13	6	24667347	24667347	+	C	T	85	.	NA18864
GMNN	6	24775181	24775181	+	G	T	23	rs2754775	NA19236
CMAHP	6	25137985	25137985	-	T	C	67	rs59778363	NA18489
CMAHP	6	25138627	25138627	-	C	T	-7	rs2028973	NA18861
HIST1H2AA	6	25726791	25726791	-	A	C	-1	rs9467584	NA19147
HIST1H2AA	6	25726884	25726884	-	C	T	-94	rs116625580	NA18907
HIST1H2BA	6	25727093	25727093	+	C	T	-44	rs115737646	NA18909
SLC17A2	6	25926031	25926031	-	T	G	77	rs138028867	NA19225
SLC17A2	6	25926161	25926161	-	A	T	-54	rs116808141	NA18909
HIST1H4B	6	26027475	26027475	-	A	T	6	rs116171042	NA19225
HIST1H3B	6	26032250	26032250	-	G	A	39	rs145803209	NA18923
HIST1H3B	6	26032311	26032311	-	C	G	-23	rs59324656	NA18517
HIST1H3C	6	26045539	26045539	+	G	A	-100	rs150163682	NA19116
HIST1H3C	6	26045731	26045731	+	G	A	93	rs77229960	NA18856
HIST1H1C	6	26056708	26056708	-	C	T	-9	rs12204800	NA19108
HIST1H1T	6	26108284	26108284	-	C	A	81	.	NA19116
HIST1H2BG	6	26216833	26216833	-	C	G	40	.	NA18489
HIST1H1D	6	26235205	26235205	-	C	T	12	rs113622900	NA19235
HIST1H4F	6	26240632	26240632	+	G	A	-22	rs113688431	NA19116
HIST1H4F	6	26240749	26240749	+	G	A	96	rs117670320	NA19235
HIST1H2BH	6	26251857	26251857	+	C	T	-22	rs113926281	NA19116
HIST1H2BH	6	26251879	26251879	+	A	G	1	rs140891346	NA18489
BTN3A2	6	26368343	26368343	+	T	G	-63	rs1741744	NA18501
ABT1	6	26597189	26597189	+	C	G	19	rs116818425	NA19147
HIST1H2BJ	6	27100578	27100578	-	C	G	-3	rs73739595	NA18909
HIST1H2BK	6	27114593	27114593	-	C	G	45	rs148466700	NA19129
HIST1H2AH	6	27114900	27114900	+	T	A	40	rs189033282	NA18864
MIR3143	6	27115358	27115358	+	A	G	-47	rs371834037	NA18523
MIR3143	6	27115363	27115363	+	G	A	-42	.	NA18507
HIST1H2AI	6	27775986	27775986	+	C	T	10	rs113996887	NA19108
HIST1H2AI	6	27775987	27775987	+	C	T	11	rs148784606	NA18517
HIST1H2AJ	6	27782536	27782536	-	C	T	-18	.	NA19107
HIST1H4J	6	27791898	27791900	+	TCG	-	-5	.	NA19114
HIST1H4J	6	27791900	27791900	+	G	A	-3	rs145161016	NA18511
HIST1H2BN	6	27806434	27806434	+	C	A	-6	rs9468236	NA19108

ZNF165	6	28048443	28048443	+	-	T	-39	rs34390897	NA18498
ZKSCAN8	6	28109633	28109633	+	C	T	-55	rs2277103	NA18856
HCG4B	6	29895002	29895002	-	G	A	-10	rs2517764	NA18511
HLA-A	6	29910341	29910341	+	T	G	95	.	NA18909
HLA-DRB6	6	32527793	32527793	-	C	T	-14	rs28646006	NA18856
HLA-DRB6	6	32527804	32527804	-	C	A	-25	rs34571715	NA18856
HLA-DRB6	6	32527845	32527845	-	A	G	-66	rs28846812	NA18856
IP6K3	6	33714722	33714722	-	G	T	41	.	NA18856
GRM4	6	34073810	34073810	-	C	T	-51	rs2499717	NA19189
CLPSL1	6	35748743	35748743	+	G	A	-88	rs184157926	NA19116
PANDAR	6	36642902	36642902	-	G	A	2	rs150623743	NA18498
TMEM217	6	37225909	37225909	-	G	A	23	rs76387135	NA18511
GLO1	6	38670927	38670927	-	G	T	26	rs78634088	NA19147
KIF6	6	39693271	39693271	-	C	G	-90	rs10947835	NA18517
KIF6	6	39693272	39693272	-	-	iGGCTAGGG	-91	.	NA18507
TSPO2	6	41010376	41010376	+	G	A	-81	rs114970851	NA19236
TSPO2	6	41010432	41010432	+	C	T	-25	rs138487461	NA19198
TREML1	6	41121996	41121996	-	G	C	92	rs143539978	NA18864
TREML2	6	41168960	41168960	-	C	T	-35	rs73733381	NA18511
TREML2	6	41168979	41168979	-	T	C	-54	rs113052081	NA18511
TREML5P	6	41217087	41217087	+	C	T	-28	rs2004196	NA18517
MRPS10	6	42185569	42185569	-	A	C	65	rs143791397	NA19207
MRPS10	6	42185664	42185664	-	G	A	-31	rs116587597	NA18856
RRP36	6	42989340	42989340	+	G	C	-45	.	NA19116
MRPS18A	6	43655617	43655617	-	C	T	-68	.	NA18909
NFKBIE	6	44233451	44233451	-	G	T	75	rs116002885	NA18861
NFKBIE	6	44233566	44233566	-	C	G	-41	rs116461215	NA18861
CLIC5	6	45905385	45905385	-	C	T	-51	rs6907979	NA18498
RCAN2	6	46293601	46293601	-	T	C	29	rs1372570	NA18856
RHAG	6	49604660	49604660	-	T	C	-73	rs183492167	NA19147
CRISP2	6	49681378	49681378	-	G	C	-75	rs360543	NA19107
DEFB110	6	49989657	49989657	-	G	A	38	rs10948540	NA18498
EFHC1	6	52284899	52284899	+	A	G	-95	rs150082340	NA19107
GSTA1	6	52668670	52668670	-	T	C	-6	rs3957356	NA18856
FAM83B	6	54711471	54711471	+	C	A	-98	rs10948862	NA19236
GFRAL	6	55192351	55192351	+	G	T	85	rs138536707	NA19108
DST	6	56507696	56507696	-	C	T	-2	rs143726337	NA18501
LOC1019300	6	56708693	56708693	+	T	G	-91	rs7766565	NA18489
DST	6	56819486	56819486	-	G	C	-60	.	NA19235
KIAA1586	6	56911489	56911489	+	G	T	-56	.	NA18507
KIAA1586	6	56911491	56911491	+	G	C	-54	.	NA18507

KIAA1586	6	56911498	56911498	+	G	A	-47	.	NA18507
KIAA1586	6	56911500	56911500	+	T	G	-45	rs201107446	NA18507
MIR548U	6	57254922	57254922	+	A	G	-8	rs9475908	NA18856
MIR548U	6	57254927	57254927	+	A	G	-3	rs2397266	NA19116
MIR548U	6	57255001	57255001	+	C	A	72	rs2894843	NA18489
GUSBP4	6	58287626	58287626	-	C	G	99	rs369178968	NA19207
GUSBP4	6	58287632	58287632	-	G	A	93	rs371313926	NA19207
LGSN	6	64029957	64029957	-	T	C	-75	rs115710699	NA19129
SDHAF4	6	71276716	71276716	+	C	T	92	rs201647564	NA18501
DPPA5	6	74064071	74064071	-	G	T	-72	.	NA19189
OOEP	6	74079464	74079464	-	C	T	52	rs2280286	NA19236
CD109	6	74405752	74405752	+	G	A	-56	rs9442945	NA18856
LOC10192841	6	74405949	74405949	-	C	G	-95	rs200017709	NA19235
TMEM30A	6	75994564	75994564	-	G	C	69	rs149898681	NA18486
IRAK1BP1	6	79577294	79577294	+	A	G	34	rs116588022	NA19147
ELOVL4	6	80657232	80657232	-	G	A	84	rs240307	NA18864
SNORD50A	6	86387032	86387033	-	AA	-	55	rs143503129	NA19207
SNORD50A	6	86387037	86387037	-	T	-	50	.	NA19116
GJB7	6	88038961	88038961	-	G	A	36	rs58321177	NA19236
ORC3	6	88299872	88299873	+	AG	-	88	rs28381461	NA19147
CNR1	6	88855136	88855136	-	A	C	-80	rs142910458	NA19235
GABRR2	6	90025054	90025054	-	G	A	-36	rs116624894	NA19225
LYRM2	6	90348533	90348533	-	G	C	-59	rs75284759	NA18523
LYRM2	6	90348556	90348556	-	G	C	-82	rs192428235	NA19236
MDN1	6	90529458	90529458	-	C	T	56	rs185449025	NA19198
GJA10	6	90604217	90604217	+	C	T	30	rs149495960	NA19236
EPHA7	6	94129217	94129217	-	T	C	84	rs188436234	NA19129
FUT9	6	96463759	96463759	+	T	C	-86	rs72627714	NA19235
NDUFAF4	6	97345769	97345769	-	-	G	-2	rs200882759	NA19236
GRIK2	6	101846791	101846791	+	C	T	-70	rs114428266	NA19108
GRIK2	6	101846921	101846921	+	A	G	61	rs115191474	NA19108
MIR587	6	107232039	107232039	+	G	A	40	rs373030429	NA19225
FIG4	6	110012523	110012523	+	A	T	100	rs151120474	NA18909
WASF1	6	110501222	110501222	-	G	A	-15	rs41288576	NA18489
METTTL24	6	110679413	110679413	-	A	G	63	rs62435951	NA19116
DDO	6	110736730	110736730	-	C	T	24	rs141023778	NA19147
CDK19	6	111136444	111136444	-	T	G	76	rs55714648	NA19116
GTF3C6	6	111279805	111279805	+	G	T	43	rs9320349	NA18511
GSTM2P1	6	111368846	111368846	-	G	A	-89	rs142958301	NA19116
TRAF3IP2	6	111888500	111888500	-	C	T	64	rs112619881	NA18523
TRAF3IP2	6	111888658	111888658	-	C	T	-95	rs7754303	NA19207

TRAF3IP2	6	111927482	111927482	-	A	G	-5	rs174403	NA19236
FAM229B	6	112408639	112408639	+	G	C	-35	rs147330886	NA18523
FAM229B	6	112408659	112408659	+	G	A	-15	rs182369129	NA18523
HDAC2	6	114292362	114292362	-	G	C	-3	rs73548634	NA19236
HS3ST5	6	114384117	114384117	-	G	C	-76	rs112241962	NA18861
ZUFSP	6	116990033	116990033	-	T	C	-60	rs200191695	NA19236
VGLL2	6	117586790	117586790	+	G	C	70	.	NA18861
NUS1	6	117996617	117996617	+	A	G	1	rs114878884	NA19108
PLN	6	118869503	118869503	+	G	A	62	rs9489434	NA18856
CEP85L	6	118973025	118973025	-	C	T	-5	rs74967348	NA18856
MCM9	6	119252909	119252909	-	-	A	-6	.	NA18517
MCM9	6	119256391	119256391	-	G	A	-64	rs62422270	NA18856
TBC1D32	6	121655584	121655584	-	G	A	63	rs9482132	NA19236
TBC1D32	6	121655700	121655700	-	G	A	-54	rs9482133	NA19236
PKIB	6	122793073	122793073	+	C	A	12	rs3752576	NA19114
FABP7	6	123100631	123100631	+	T	G	-15	rs74968780	NA19108
NKAIN2	6	124604073	124604073	+	A	T	-78	rs58011048	NA19116
HDDC2	6	125623247	125623247	-	C	T	36	rs73581685	NA18489
HDDC2	6	125623268	125623268	-	-	TCCTCT	15	.	NA18489
HDDC2	6	125623274	125623274	-	C	T	9	rs62432878	NA19236
HDDC2	6	125623365	125623365	-	C	T	-83	rs62432879	NA19236
LOC643623	6	125995549	125995549	+	T	C	51	rs2211420	NA19189
LOC643623	6	125995594	125995594	+	A	G	96	rs115156470	NA19189
C6orf58	6	127898310	127898310	+	G	A	-9	rs76385986	NA18909
ARHGAP18	6	130031293	130031293	-	G	A	78	rs185923246	NA18507
MED23	6	131949403	131949403	-	C	T	-24	rs112145156	NA19147
CTAGE9	6	132032100	132032100	-	C	A	58	.	NA19235
TAAR2	6	132939290	132939290	-	A	G	-58	rs184913356	NA18856
TAAR2	6	132939305	132939305	-	T	C	-73	rs200091658	NA18486
VNN3	6	133056002	133056002	-	G	A	-98	.	NA18861
VNN2	6	133079163	133079175	-	TCTTCTTCT	-	-16	rs138217414	NA18507
VNN2	6	133079182	133079182	-	-	C	-35	.	NA19225
RPS12	6	133135733	133135733	+	C	A	26	.	NA19116
RPS12	6	133135768	133135768	+	C	T	61	rs184057803	NA19235
SNORD101	6	133136475	133136475	+	C	T	30	rs114497802	NA19236
SNORD100	6	133137902	133137902	+	A	G	-39	rs146384522	NA18907
SNORA33	6	133138429	133138429	+	C	G	72	rs115580799	NA19147
MAP7	6	136847404	136847404	-	T	C	-53	rs7754275	NA19236
LOC10192841	6	136950264	136950264	+	A	T	13	rs17796618	NA18856
OLIG3	6	137815493	137815493	-	G	C	39	.	NA18486
CCDC28A	6	139094631	139094631	+	-	GGGC	-26	.	NA18489

LOC1005074	6	139094771	139094771	-	G	C	46	rs200007290	NA18856
TXLNB	6	139613247	139613247	-	G	A	-39	rs112310691	NA18907
TXLNB	6	139613248	139613248	-	-	A	-40	.	NA18907
VTA1	6	142468304	142468304	+	A	G	6	rs116494567	NA18923
ADGRG6	6	142623153	142623153	+	T	G	98	rs73576330	NA18907
AIG1	6	143381973	143381973	+	C	G	-6	.	NA19225
PHACTR2	6	143929405	143929405	+	C	T	89	rs114942460	NA18489
LOC1001281	6	149285836	149285836	-	G	A	-16	rs147940173	NA19116
PPIL4	6	149867198	149867198	-	C	A	41	rs373476439	NA18501
RAET1E	6	150212150	150212150	-	C	T	21	rs9371539	NA18907
RAET1K	6	150326293	150326293	-	T	C	-13	.	NA18501
ARMT1	6	151773363	151773363	+	G	T	-30	rs78021878	NA19189
MTRF1L	6	153323945	153323945	-	G	T	6	rs3818128	NA19189
OPRM1	6	154360642	154360642	+	C	A	97	rs9282815	NA18501
CLDN20	6	155585154	155585154	+	G	A	8	rs11966646	NA18856
TFB1M	6	155635582	155635582	-	C	A	36	rs113023366	NA19114
MIR3692	6	157950088	157950088	+	G	C	-76	rs17541624	NA18856
TMEM181	6	158957375	158957375	+	G	A	-93	rs73799507	NA19198
EZR	6	159239242	159239242	-	-	C	99	rs201495719	NA18916
ACAT2	6	160182994	160182994	+	G	C	6	.	NA18909
LOC1001295	6	160183382	160183382	-	C	T	-18	rs1998366	NA18916
ACAT2	6	160183445	160183445	+	A	G	-66	rs7767405	NA18861
PARK2	6	163148918	163148918	+	-	C	-84	.	NA18923
PACRG	6	163149055	163149055	+	A	C	54	rs9347683	NA18861
SFT2D1	6	166756041	166756041	+	C	T	54	.	NA19236
MPC1	6	166796430	166796430	-	C	T	72	.	NA19107
MIR3939	6	167411401	167411401	-	C	T	-1	rs73024236	NA19236
CCR6	6	167525299	167525299	+	T	C	5	rs137949404	NA18523
FRMD1	6	168479760	168479760	-	C	T	80	rs141497910	NA18498
WDR27	6	170102180	170102180	+	A	C	-21	rs74900588	NA19236
TCTE3	6	170151570	170151570	-	A	G	69	rs201949555	NA19236
ERMARD	6	170151699	170151699	+	G	C	-19	.	NA19225
ERMARD	6	170151758	170151758	+	A	T	41	rs200330797	NA19225
PSMB1	6	170862456	170862456	-	G	T	-39	rs12210836	NA18916
LOC1005076	7	149765	149765	+	C	T	48	rs3814455	NA18489
MIR339	7	1062599	1062599	-	T	C	64	rs72631820	NA19235
GPER1	7	1126357	1126357	+	C	T	-86	rs376519289	NA18856
MAD1L1	7	2272562	2272562	-	G	T	22	.	NA18907
NUDT1	7	2282618	2282618	+	C	T	79	.	NA18916
GRIFIN	7	2516022	2516022	-	T	C	-5	.	NA19116
LFNG	7	2552101	2552101	+	C	G	-62	rs79671741	NA18489

AMZ1	7	2719199	2719199	+	C	T	44	rs376048	NA18523
AP5Z1	7	4815344	4815344	+	G	A	83	rs142983676	NA19236
RBAKDN	7	5111668	5111677	+	CGTGGTCA	-	-23	rs372118185	NA19189
MIR589	7	5535646	5535646	-	T	C	-98	rs185655521	NA18517
MIR6874	7	5751443	5751443	-	C	A	99	rs138122142	NA19107
OCM	7	5920377	5920377	+	G	A	-52	rs56179236	NA19235
OCM	7	5920419	5920419	+	C	G	-10	.	NA18517
PMS2	7	6048776	6048776	-	G	A	-39	.	NA19114
AIMP2	7	6048917	6048917	+	C	T	36	.	NA19129
CCZ1B	7	6865838	6865838	-	G	A	89	rs71524081	NA19116
CCZ1B	7	6865862	6865862	-	G	C	65	rs71524054	NA18501
CCZ1B	7	6865866	6865866	-	C	G	61	rs373327925	NA19116
LOC10192739	7	7605693	7605697	-	AAAAC	-	4	rs374461435	NA18523
UMAD1	7	7680201	7680201	+	A	G	-66	rs28916293	NA19198
AGMO	7	15601619	15601619	-	A	C	22	rs374066204	NA18486
LOC10192761	7	17598628	17598628	-	T	G	-95	rs2034400	NA18856
MIR1302-6	7	18166966	18166966	-	T	A	-34	rs79665409	NA18864
HDAC9	7	18535429	18535429	+	T	A	61	.	NA18498
FERD3L	7	19185045	19185045	-	G	A	-1	rs77376837	NA18861
SP8	7	20826452	20826452	-	T	G	57	rs34863300	NA19235
MALSU1	7	23338981	23338981	+	G	C	42	rs61734321	NA19225
TRA2A	7	23571579	23571579	-	C	T	82	rs115263571	NA19235
FAM221A	7	23719716	23719716	+	G	T	-17	.	NA18864
STK31	7	23749762	23749762	+	C	G	-24	rs3807889	NA18507
STK31	7	23749834	23749834	+	C	T	49	rs114821056	NA19225
HOXA3	7	27159181	27159181	-	C	-	34	rs375272189	NA18489
HOXA11-AS	7	27224977	27224977	+	-	T	-50	.	NA19108
JAZF1-AS1	7	28220160	28220160	+	T	G	85	.	NA18523
CHN2	7	29519302	29519302	+	G	A	-26	rs3828978	NA19107
CHN2	7	29519303	29519303	+	A	T	-25	rs76623567	NA19107
CHN2	7	29523345	29523345	+	C	G	-87	rs59934700	NA19236
CHN2	7	29523374	29523374	+	G	C	-58	rs57503671	NA19236
MIR550A3	7	29720427	29720427	-	A	C	18	.	NA18856
MIR550A1	7	30329428	30329428	+	T	G	19	.	NA19235
MIR550B1	7	30329599	30329602	-	TATT	-	-93	rs151056013	NA18517
GARS	7	30634120	30634120	+	T	A	-61	rs115725201	NA19236
MIR1200	7	36959106	36959106	-	T	G	-69	rs116170386	NA19235
ELMO1	7	37488988	37488988	-	A	G	-59	rs13242348	NA19107
NME8	7	37888188	37888188	+	G	T	-11	rs76138543	NA19114
TARP	7	38313149	38313149	-	C	A	100	rs114230046	NA19114
VPS41	7	38948789	38948789	-	G	A	12	rs114595585	NA18489

MRPL32	7	42971937	42971937	+	C	T	-2	rs200354711	NA18501
MRPL32	7	42971955	42971955	+	G	T	17	rs199610073	NA18501
PGAM2	7	44105178	44105178	-	A	C	9	rs113274029	NA19235
MIR4649	7	44150504	44150504	+	C	G	57	rs138524537	NA19207
GCK	7	44229068	44229068	-	C	T	-46	rs1799884	NA18517
YKT6	7	44240609	44240609	+	G	C	32	.	NA18916
NPC1L1	7	44580932	44580932	-	G	A	-18	rs148928284	NA18864
PPIA	7	44836260	44836260	+	C	T	26	rs17860048	NA19147
PPIA	7	44836274	44836274	+	C	T	40	rs181551443	NA19189
CCM2	7	45067314	45067314	+	G	C	82	rs147668138	NA19198
C7orf65	7	47694902	47694902	+	C	T	61	rs74838059	NA19207
LINC00525	7	47801036	47801036	+	C	A	-38	.	NA18489
LINC00525	7	47801040	47801040	+	T	C	-34	rs10255459	NA18489
PKD1L1	7	47988091	47988091	-	C	G	-20	.	NA18923
HUS1	7	48019228	48019228	-	G	C	-6	rs2307251	NA19107
GRB10	7	50800100	50800100	-	-	A	-50	.	NA18486
POM121L12	7	53103371	53103371	+	G	T	23	rs72598684	NA18864
POM121L12	7	53103382	53103382	+	G	T	34	rs72598685	NA18864
POM121L12	7	53103425	53103425	+	C	A	77	rs10229800	NA19235
LINC01446	7	53879628	53879628	-	C	T	-4	rs115983039	NA18523
EGFR-AS1	7	55256591	55256591	-	C	T	52	rs183984257	NA18856
EGFR-AS1	7	55256694	55256694	-	G	A	-52	rs116479902	NA19236
FKBP9P1	7	55755754	55755754	-	C	T	-29	rs7790615	NA18498
SUMF2	7	56131910	56131910	+	C	G	-7	rs62457279	NA18501
SUMF2	7	56131924	56131924	+	A	G	8	rs372102132	NA18861
CHCHD2	7	56174225	56174225	-	A	C	-38	rs111801456	NA19189
NUPR1L	7	56184126	56184126	-	G	C	-36	rs116764891	NA18864
DKFZp434L19	7	56563965	56563965	+	G	A	50	rs73118677	NA18489
DKFZp434L19	7	56563978	56563978	+	G	A	63	rs74486224	NA19236
DKFZp434L19	7	56564003	56564003	+	A	C	88	rs77209574	NA18856
DKFZp434L19	7	56564006	56564006	+	A	G	91	rs75210954	NA18856
DKFZp434L19	7	56564008	56564008	+	C	T	93	rs78398477	NA18856
MIR6839	7	64139442	64139442	+	T	C	1	rs73361890	NA18856
MIR6839	7	64139524	64139524	+	G	A	83	rs35559940	NA18489
ZNF138	7	64254822	64254832	+	GCTGCAGGT	-	57	rs112918223	NA19108
LOC441242	7	65235831	65235831	-	C	T	-34	rs3734910	NA18864
CRCP	7	65579786	65579786	+	G	C	-19	.	NA18864
TYW1	7	66461855	66461855	+	A	C	64	.	NA19107
STAG3L4	7	66767624	66767624	+	C	-	-1	rs71897997	NA18507
STAG3L4	7	66767674	66767674	+	G	T	50	.	NA18907
AUTS2	7	69063900	69063900	+	T	G	-5	rs73437201	NA19235

SBDSP1	7	72299936	72299936	+	C	A	-16	rs114016701	NA19147
SPDYE8P	7	72500222	72500222	-	C	T	88	.	NA18864
SPDYE8P	7	72500251	72500251	-	C	A	59	rs62464300	NA18864
SPDYE8P	7	72500289	72500289	-	C	T	21	.	NA18864
HIP1	7	75368226	75368226	-	C	T	65	rs201813763	NA18909
TMEM120A	7	75624023	75624023	-	A	G	-31	rs10227404	NA18864
DTX2P1-UPK	7	76610048	76610048	+	G	A	-91	.	NA19129
PHTF2	7	77469486	77469486	+	C	T	40	rs17807802	NA18498
MAGI2-AS3	7	79082261	79082261	+	G	A	-12	rs146196083	NA19189
CD36	7	80275576	80275576	+	G	T	-69	rs3211805	NA19147
HGF	7	81399387	81399387	-	T	G	66	rs76382276	NA18507
SEMA3A	7	83824177	83824177	-	A	-	41	.	NA19107
C7orf62	7	88424987	88424987	-	C	T	45	rs59185678	NA18856
DPY19L2P4	7	89748704	89748704	+	C	G	-10	rs28469174	NA18517
GTPBP10	7	89975976	89975976	+	G	A	-3	rs188788895	NA19225
GTPBP10	7	89976051	89976051	+	C	T	73	rs11563905	NA18501
CYP51A1	7	91764102	91764102	-	C	T	-43	rs4278	NA19236
RBM48	7	92158135	92158135	+	C	T	49	rs115296343	NA19116
RBM48	7	92158147	92158147	+	A	G	61	.	NA18486
FAM133B	7	92219470	92219470	-	C	G	-86	rs4141274	NA19198
FAM133B	7	92219704	92219704	-	C	T	5	rs149737318	NA19116
PON1	7	94953895	94953895	-	G	A	-11	rs705379	NA18916
PDK4	7	95225981	95225981	-	A	G	-56	rs10085778	NA18856
DYNC111	7	95401742	95401742	+	C	T	-76	rs75823466	NA18856
SHFM1	7	96339292	96339299	-	TTTTTTTT	-	-89	.	NA19236
DLX5	7	96654223	96654223	-	A	T	-80	.	NA18856
BHLHA15	7	97841618	97841618	+	G	C	53	rs10270045	NA18511
MIR3609	7	98479194	98479194	+	-	A	-79	rs35358303	NA18523
BUD31	7	99006553	99006553	+	C	T	-48	rs73397435	NA18489
GJC3	7	99527231	99527231	-	A	C	13	rs187126645	NA18909
AZGP1P1	7	99578336	99578336	+	T	G	-49	rs183920516	NA19147
ZCWPW1	7	100026487	100026487	+	G	A	-56	.	NA18489
MUC3A	7	100546977	100546977	+	A	G	-75	rs79692376	NA18498
MUC3A	7	100546981	100546981	+	-	CC	-71	.	NA18498
MUC3A	7	100546982	100546982	+	-	G	-70	.	NA18498
MUC3A	7	100546984	100546984	+	A	G	-68	.	NA18498
MUC3A	7	100546988	100546988	+	G	-	-64	.	NA18498
MUC3A	7	100546992	100546993	+	TT	-	-60	.	NA18498
MUC3A	7	100547006	100547006	+	T	C	-46	rs74827835	NA18489
MUC3A	7	100547041	100547041	+	-	T	-11	.	NA18856
MUC3A	7	100547136	100547138	+	CCC	-	85	.	NA18856

MUC3A	7	100547140	100547146	+	GACGCTC	-	89	.	NA18856
MUC3A	7	100547149	100547151	+	CAA	-	98	.	NA18856
MUC12	7	100612898	100612898	+	T	C	-6	rs73168327	NA18864
IFT22	7	100965006	100965006	-	C	T	99	rs151026923	NA18861
IFT22	7	100965012	100965012	-	C	G	93	rs200233985	NA18511
IFT22	7	100965051	100965051	-	T	G	54	rs182198588	NA18864
CUX1	7	101459335	101459335	+	T	C	48	rs200925347	NA19198
CUX1	7	101460980	101460980	+	G	A	99	rs116014840	NA19225
SH2B2	7	101928324	101928324	+	C	T	-29	rs58220787	NA18864
POLR2J3	7	102213136	102213137	-	GC	-	-68	.	NA19236
RASA4	7	102257216	102257216	-	T	G	-11	.	NA18864
POLR2J2	7	102312137	102312137	-	C	A	40	.	NA19114
POLR2J2	7	102312155	102312155	-	G	A	22	.	NA19129
LRRC17	7	102553365	102553365	+	A	G	22	rs144817056	NA18489
LRRC17	7	102553398	102553398	+	G	T	55	rs189572163	NA18501
PMPCB	7	102937934	102937934	+	T	G	62	rs77305684	NA19129
ORC5	7	103848401	103848401	-	T	C	95	rs144106633	NA18511
ORC5	7	103848415	103848415	-	G	A	81	.	NA18486
EFCAB10	7	105221923	105221923	-	C	T	54	rs116753032	NA19107
SYPL1	7	105753082	105753082	-	A	C	12	rs17426359	NA18907
GPR22	7	107110552	107110552	+	G	A	51	rs113608618	NA19236
DUS4L	7	107204440	107204440	+	C	T	39	rs55840928	NA19129
BCAP29	7	107221229	107221229	+	A	G	26	rs79851050	NA19129
NRCAM	7	107880711	107880711	-	T	C	-97	rs73414377	NA19114
ZNF277	7	111846591	111846591	+	C	A	-52	rs183418192	NA19108
FOXP2	7	114054979	114054979	+	A	G	-73	rs149651399	NA18856
CAV1	7	116165160	116165160	+	G	T	98	rs35697540	NA19207
CAV1	7	116166399	116166399	+	A	G	-13	.	NA18517
CAPZA2	7	116502629	116502631	+	GCC	-	67	.	NA19189
ASZ1	7	117067593	117067593	-	T	A	-16	.	NA19129
LSM8	7	117824171	117824171	+	T	-	86	.	NA18864
WASL	7	123389093	123389093	-	G	C	33	rs4731119	NA19189
FSCN3	7	127233625	127233625	+	G	A	-64	.	NA18907
FSCN3	7	127233673	127233673	+	T	C	-16	rs78117110	NA19114
FSCN3	7	127233708	127233708	+	T	G	20	rs76700262	NA19129
LINC01000	7	128281256	128281256	+	G	A	-39	rs2402923	NA19236
FAM71F1	7	128355458	128355458	+	A	G	63	rs3807127	NA19235
CCDC136	7	128432108	128432108	+	C	T	59	rs73238120	NA18498
MIR183	7	129414804	129414804	-	C	A	51	rs72631833	NA18517
MIR183	7	129414887	129414887	-	C	T	-33	rs180959168	NA18923
CPA4	7	129932878	129932878	+	G	C	-96	rs187500558	NA18856

CPA4	7	129932892	129932892	+	C	A	-82	rs140586334	NA18856
CPA5	7	129984686	129984686	+	T	C	57	rs1532046	NA18498
COPG2	7	130353664	130353664	-	C	T	-66	rs192171230	NA19116
EXOC4	7	132937871	132937871	+	C	G	49	rs145271795	NA18907
LOC10192880	7	133509548	133509548	-	G	C	94	rs6970060	NA18489
LOC10192880	7	133509559	133509559	-	A	G	83	rs114094110	NA18489
AKR1B1	7	134143986	134143986	-	G	A	-98	rs187873814	NA18507
AGBL3	7	134671267	134671267	+	A	G	9	rs2732910	NA18856
MIR6509	7	134891845	134891845	-	T	C	-15	rs148016320	NA19236
FAM180A	7	135433499	135433499	-	C	A	96	rs73723911	NA19116
SVOPL	7	138363809	138363809	-	-	C	-19	rs200944313	NA18864
TMEM213	7	138482772	138482772	+	G	A	34	.	NA18486
ATP6V0A4	7	138482976	138482976	-	G	A	-35	rs111520348	NA18861
ZC3HAV1L	7	138720781	138720781	-	C	T	-6	rs189417805	NA19235
DENND2A	7	140302282	140302282	-	G	A	61	rs146748385	NA19235
SSBP1	7	141438441	141438441	+	G	A	35	rs76825597	NA18523
CLEC5A	7	141646863	141646863	-	G	C	-56	rs75850456	NA19236
PRSS3P2	7	142478679	142478679	+	C	T	-78	.	NA19107
PRSS3P2	7	142478827	142478827	+	G	A	71	.	NA18907
PRSS3P2	7	142478853	142478853	+	T	C	97	.	NA18923
OR6V1	7	142749392	142749392	+	G	A	-46	rs148313593	NA18489
OR6V1	7	142749439	142749439	+	T	C	2	rs80058368	NA18501
TCAF1	7	143599197	143599197	-	G	A	-25	rs3735381	NA19198
OR6B1	7	143701027	143701027	+	G	A	-63	rs11979319	NA19207
OR2A2	7	143806609	143806609	+	C	A	-67	rs77940833	NA19236
NOBOX	7	144107255	144107255	-	A	G	66	rs138463368	NA18489
NOBOX	7	144107279	144107279	-	A	G	42	rs1208179	NA19235
ZNF398	7	148823551	148823551	+	C	T	44	rs116487064	NA18517
ZNF212	7	148936762	148936762	+	-	CGG	21	rs141414617	NA18864
SSPO	7	149473124	149473124	+	G	T	-7	rs35458023	NA19116
ATG9B	7	150721489	150721489	-	C	G	98	rs191759925	NA18486
ATG9B	7	150721608	150721610	-	ACA	-	-22	rs34459931	NA19236
WDR86	7	151107806	151107806	-	A	G	-15	rs730700	NA19236
GALNTL5	7	151653523	151653523	+	C	G	60	rs11762439	NA18856
XRCC2	7	152373214	152373214	-	C	T	37	rs139350845	NA19198
XRCC2	7	152373259	152373259	-	C	G	-9	.	NA18861
XRCC2	7	152373331	152373331	-	C	G	-81	.	NA18523
LINC01287	7	153109417	153109417	-	A	G	-98	rs60344436	NA18856
MIR595	7	158325561	158325561	-	G	A	-56	rs139230958	NA19236
TDRP	8	494804	494804	-	C	G	42	rs10105131	NA19116
LOC286083	8	1250877	1250877	-	C	T	-54	rs6980890	NA18856

LOC286083	8	1250884	1250884	-	C	T	-61	rs6980894	NA18856
LOC286083	8	1250890	1250890	-	G	C	-67	rs7017741	NA18856
MIR7160	8	2024633	2024633	+	G	A	-36	rs116502759	NA18523
MIR7160	8	2024737	2024737	+	G	A	69	rs139970600	NA19189
LOC1002870	8	6264038	6264038	+	T	G	32	rs187395120	NA18501
MCPH1	8	6264108	6264108	+	C	T	-5	rs190692683	NA18517
ANGPT2	8	6420709	6420709	-	T	A	76	rs115817715	NA18907
DEFA10P	8	6826540	6826540	-	G	C	96	rs190655638	NA18517
DEFB109P1B	8	7170305	7170305	+	G	A	-63	.	NA18907
DEFB109P1B	8	7170372	7170372	+	G	T	5	rs78476953	NA19225
DEFB109P1B	8	7855106	7855106	-	C	T	-63	.	NA18907
SGK223	8	8239265	8239265	-	C	T	80	rs201007404	NA19236
MIR124-1	8	9761034	9761034	-	A	T	-52	rs74531328	NA18501
PRSS55	8	10382968	10382968	+	C	T	-88	.	NA19198
PRSS55	8	10383089	10383089	+	C	G	34	rs199930823	NA18489
PRSS55	8	10383138	10383138	+	G	A	83	rs35102108	NA19189
MIR598	8	10892836	10892836	-	-	G	-24	.	NA18909
FDFT1	8	11666654	11666654	+	T	C	2	rs112697889	NA18523
DEFB130	8	11929169	11929169	-	A	G	88	.	NA18923
LOC392196	8	11986807	11986807	-	G	A	-1	rs111638107	NA19236
LOC392196	8	11986808	11986808	-	T	A	-2	rs141621455	NA18923
USP17L7	8	11991589	11991589	-	G	A	-71	rs368540113	NA19116
USP17L2	8	11996270	11996270	-	G	A	-1	rs199737005	NA19236
LOC649352	8	12237248	12237248	-	A	C	51	rs113326683	NA18923
FAM90A25P	8	12275465	12275465	-	G	T	77	rs71511047	NA18523
FAM90A25P	8	12275520	12275520	-	G	T	22	.	NA19107
FAM90A25P	8	12275564	12275564	-	C	G	-23	.	NA18486
FAM86B2	8	12293863	12293863	-	A	G	-11	.	NA18907
FAM86B2	8	12293872	12293872	-	C	-	-20	.	NA18907
LOC729732	8	12523217	12523217	-	G	T	-97	.	NA18856
MIR383	8	14711104	14711104	-	A	G	-85	.	NA18916
MTMR7	8	17271133	17271133	-	G	A	-93	rs7838238	NA18856
SLC7A2	8	17396317	17396317	+	C	T	32	rs17124788	NA18923
FGL1	8	17752830	17752830	-	G	C	84	rs387271	NA19236
ASAH1	8	17942455	17942455	+	G	A	53	rs73583812	NA18909
PSD3	8	18666329	18666329	-	C	G	77	rs115969122	NA18909
CSGALNACT	8	19540122	19540122	-	C	T	-28	rs11985450	NA18856
LOC1019291	8	21155668	21155668	+	G	A	-82	rs11989827	NA18856
HR	8	21988515	21988515	-	A	C	51	rs6557841	NA19236
MIR320A	8	22102546	22102546	+	G	A	11	rs372063644	NA18916
POLR3D	8	22102592	22102592	+	C	G	-27	rs369893002	NA18511

PPP3CC	8	22298472	22298472	+	T	G	-11	rs9886594	NA18489
PPP3CC	8	22298494	22298494	+	G	A	12	rs7831649	NA18489
PDLIM2	8	22438072	22438072	+	C	T	86	rs140139947	NA19236
EGR3	8	22550176	22550183	-	ATCCACCC	-	-83	.	NA19189
EGR3	8	22550189	22550189	-	C	T	-96	.	NA18517
TNFRSF10D	8	23021456	23021456	-	G	A	88	rs78171433	NA18511
STC1	8	23712233	23712233	-	T	C	88	rs112733757	NA18864
ADAM28	8	24151610	24151610	+	C	T	58	rs145997578	NA18511
ADAM7	8	24298592	24298592	+	T	G	84	rs147593016	NA18489
PPP2R2A	8	26149089	26149089	+	T	C	83	.	NA18511
EPHX2	8	27348466	27348466	+	-	G	-53	rs150415266	NA18489
EPHX2	8	27348673	27348673	+	C	T	-12	rs75302548	NA18489
CLU	8	27472259	27472259	-	C	A	70	rs74626606	NA18486
CCDC25	8	27630124	27630124	-	C	G	47	rs149449164	NA18864
MIR3148	8	29814935	29814935	-	C	G	-71	rs73563270	NA18856
MIR548O2	8	30108170	30108170	-	C	A	44	rs4419773	NA19236
RBPMS-AS1	8	30243009	30243009	-	A	G	-92	rs116626200	NA18907
NRG1-IT1	8	31883798	31883798	+	C	G	65	rs55938004	NA18856
NRG1	8	32453358	32453358	+	G	A	15	rs3924999	NA18856
MAK16	8	33342588	33342588	+	A	C	-97	rs142052159	NA18907
MAK16	8	33342648	33342648	+	T	C	-37	rs116229619	NA18907
LSM1	8	38034194	38034194	+	C	T	55	rs7000184	NA18511
LSM1	8	38034195	38034195	+	G	A	54	rs113937856	NA19108
C8orf86	8	38386113	38386113	-	T	A	68	rs73599940	NA19116
ADAM32	8	38965069	38965069	+	G	T	20	rs80231077	NA18864
ADAM5	8	39172177	39172177	+	G	T	-5	rs75164723	NA18489
ADAM18	8	39442183	39442183	+	G	A	97	rs111343122	NA18507
IDO1	8	39771353	39771353	+	C	T	26	rs114621275	NA19116
DKK4	8	42234652	42234652	-	C	T	23	rs79442709	NA18507
UBE2V2	8	48920946	48920946	+	G	T	-49	rs28542480	NA18856
SNAI2	8	49833906	49833906	-	G	T	94	rs11544359	NA19225
SNTG1	8	50824362	50824362	+	C	G	24	rs73584771	NA18498
SNORD54	8	56986417	56986417	-	A	G	44	rs17814456	NA18923
LOC1019294	8	57358356	57358356	+	C	G	-10	.	NA18856
LOC286177	8	58173811	58173811	+	C	T	27	rs114811854	NA19236
CA8	8	61193884	61193884	-	C	T	71	rs181727135	NA18523
CA8	8	61193902	61193902	-	G	T	53	rs142782133	NA18909
RRS1-AS1	8	67341133	67341133	-	G	T	80	rs73691542	NA19189
CPA6	8	68658584	68658586	-	AGC	-	37	rs144013159	NA19108
C8orf34	8	69242983	69242983	+	T	A	27	rs1971527	NA19236
XKR9	8	71581553	71581553	+	-	G	-47	.	NA18861

XKR9	8	71581559	71581559	+	G	T	-41	rs2279128	NA19108
MSC-AS1	8	72755267	72755290	+	:ACACACAC/	-	-91	.	NA18923
MSC-AS1	8	72755276	72755285	+	:ACACACAC(	-	-82	.	NA19236
TRPA1	8	72987843	72987843	-	C	T	-24	rs73687869	NA19225
GDAP1	8	75262677	75262677	+	C	T	60	rs188488037	NA18523
CASC9	8	76190651	76190651	-	C	G	66	rs7837160	NA19236
MRPS28	8	80942528	80942528	-	G	T	-22	rs148877599	NA19107
FABP12	8	82443500	82443500	-	G	A	51	rs61737701	NA19207
ZFAND1	8	82633551	82633551	-	-	G	-12	rs201361242	NA18523
RMDN1	8	87520955	87520955	-	C	T	55	rs139296877	NA18909
DCAF4L2	8	88886210	88886210	-	G	T	87	rs139114827	NA19189
INTS8	8	95835557	95835557	+	G	A	40	rs140625955	NA18861
NDUFAF6	8	96037188	96037188	+	T	G	-26	rs199563102	NA18501
MTERF3	8	97273829	97273829	-	C	G	13	rs2280262	NA19116
RPL30	8	99057741	99057741	-	G	A	78	rs6984226	NA19116
RGS22	8	101117770	101117770	-	A	C	85	rs139724353	NA18498
MIR7705	8	101715171	101715171	-	A	T	82	rs78571170	NA18856
MIR7705	8	101715180	101715180	-	A	G	73	rs78911026	NA18856
MIR7705	8	101715205	101715205	-	C	T	48	rs75329335	NA18856
MIR7705	8	101715226	101715230	-	AAAAC	-	27	.	NA18856
MIR7705	8	101715243	101715243	-	C	T	10	rs78517417	NA18856
MIR7705	8	101715280	101715286	-	AAAGGAA	-	-28	.	NA19108
ODF1	8	103563762	103563762	+	C	G	-86	rs115977202	NA19225
ODF1	8	103563803	103563803	+	G	A	-45	rs141788431	NA18923
RIMS2	8	104831445	104831445	+	T	C	30	.	NA19207
LRP12	8	105601196	105601198	-	CGA	-	57	.	NA19108
LRP12	8	105601211	105601228	-	:CCGCCGCC	-	42	.	NA19108
EIF3E	8	109260999	109260999	-	G	A	-40	rs116197173	NA19147
SYBU	8	110655402	110655403	-	AT	-	18	.	NA18856
CSMD3	8	114389355	114389355	-	C	T	28	rs115683954	NA18923
EIF3H	8	117768056	117768056	-	G	A	7	rs74344182	NA18916
SAMD12	8	119634201	119634201	-	G	T	-17	.	NA19236
SAMD12	8	119634206	119634206	-	C	T	-22	.	NA19108
COLEC10	8	120079449	120079449	+	C	T	26	.	NA18501
NOV	8	120428637	120428637	+	G	T	86	.	NA18517
TAF2	8	120845109	120845109	-	G	A	-35	rs114876371	NA19108
DEPTOR	8	120885921	120885921	+	C	A	27	rs182616760	NA19114
FBXO32	8	124544475	124544475	-	G	A	-92	rs72709031	NA19225
NDUFB9	8	125551377	125551377	+	A	G	35	rs371001929	NA18923
PRNCR1	8	128092031	128092031	+	T	G	-88	rs148142660	NA19236
MIR1205	8	128972958	128972958	+	C	T	80	rs79228208	NA19236

HHLA1	8	133117603	133117603	-	G	A	-91	rs71526236	NA18856
SLA	8	134072549	134072549	-	T	G	55	rs140708427	NA18856
WISP1	8	134203208	134203208	+	A	C	-74	.	NA19147
SLC45A4	8	142238625	142238625	-	G	A	49	rs73713386	NA19114
LY6D	8	143868024	143868024	-	G	A	-16	rs112432564	NA18909
CYP11B2	8	143999168	143999168	-	C	T	92	rs6441	NA19116
CYP11B2	8	143999270	143999270	-	C	G	-11	rs6440	NA19116
C8orf31	8	144120725	144120725	+	C	T	100	rs73717939	NA19236
TOP1MT	8	144416973	144416973	-	G	C	89	rs201559470	NA18486
RHPN1-AS1	8	144450859	144450859	-	C	T	-54	rs114178286	NA18523
ZNF623	8	144732026	144732026	+	G	A	73	rs3750203	NA19207
CCDC166	8	144790322	144790322	-	C	T	-43	rs28580598	NA18864
PUF60	8	144911360	144911360	-	A	G	-81	rs7461986	NA18864
SPATC1	8	145086607	145086607	+	G	A	26	rs76928472	NA18864
SHARPIN	8	145159099	145159099	-	G	A	40	rs11136255	NA18498
MIR6848	8	145540969	145540979	-	CCCAGGGAC	-	10	.	NA18923
FBXL6	8	145582122	145582122	+	C	T	62	rs183286864	NA18486
CYHR1	8	145690830	145690830	-	C	T	20	rs11778826	NA18489
KIFC2	8	145691802	145691802	+	C	T	83	rs201514776	NA18511
C8orf82	8	145754492	145754492	-	T	C	-34	rs114222999	NA18498
MIR6850	8	146017288	146017288	-	G	A	89	rs2955231	NA19147
C8orf33	8	146277784	146277784	+	C	T	-40	rs138689758	NA18864
WASH1	9	29815	29815	-	T	C	-76	rs7350217	NA19207
FOXD4	9	118339	118339	-	G	T	79	rs2492220	NA18923
CBWD1	9	179027	179027	-	G	A	49	.	NA19114
CBWD1	9	179049	179049	-	C	G	27	.	NA18864
CBWD1	9	179095	179095	-	C	A	-20	.	NA18864
DOCK8	9	272950	272950	+	C	G	-98	rs16926614	NA18856
DMRT1	9	841785	841785	+	C	T	96	rs144122237	NA18909
KCNV2	9	2717447	2717447	+	A	G	-79	rs12348170	NA18856
KCNV2	9	2717453	2717453	+	T	C	-73	rs10967702	NA19236
RFX3	9	3395589	3395589	-	G	T	8	rs142614062	NA18511
GLIS3-AS1	9	3898724	3898724	+	G	A	79	rs145867412	NA19189
GLIS3-AS1	9	3898730	3898730	+	C	T	85	rs148816140	NA18907
AK3	9	4741819	4741836	-	CCTGGACC	-	-20	rs142723823	NA18523
INSL6	9	5185540	5185540	-	A	T	79	rs139449042	NA18861
INSL6	9	5185568	5185568	-	A	G	51	rs200449001	NA19236
INSL6	9	5185706	5185706	-	C	T	-88	.	NA18507
INSL4	9	5231357	5231357	+	T	C	-62	rs112719689	NA18864
INSL4	9	5231389	5231389	+	A	T	-30	rs16922839	NA18507
RLN1	9	5339933	5339933	-	C	T	-60	rs73639282	NA19189

PLGRKT	9	5437858	5437858	-	T	C	80	rs191449581	NA19236
CD274	9	5450453	5450453	+	C	T	-50	rs12337507	NA18501
TTC39B	9	15250171	15250171	-	G	A	28	rs147188654	NA18856
PSIP1	9	15510198	15510198	-	G	C	90	rs200694835	NA19129
RPS6	9	19380206	19380206	-	G	A	30	rs201852243	NA18909
ACER2	9	19408897	19408897	+	T	C	-28	rs115574837	NA18861
MLLT3	9	20621902	20621903	-	GT	-	85	.	NA18501
MLLT3	9	20622037	20622044	-	TGTGTGTC	-	-51	.	NA19225
IFNA4	9	21187600	21187600	-	A	G	-2	.	NA19198
IFNA16	9	21217320	21217320	-	A	G	-10	rs28368156	NA18907
IFNA22P	9	21278526	21278526	-	C	T	37	rs150853642	NA18864
IFNA22P	9	21278662	21278662	-	C	A	-100	rs147308547	NA18864
IFNA13	9	21368023	21368023	-	G	A	53	rs1758566	NA19129
IFNA1	9	21440402	21440402	+	T	A	-51	rs182382964	NA18923
IFNA1	9	21440416	21440416	+	A	G	-37	rs28383793	NA18523
IFNA1	9	21440431	21440431	+	G	A	-22	rs1758565	NA19198
CAAP1	9	26892787	26892787	-	G	A	40	rs114212736	NA19108
APTX	9	33001549	33001549	-	C	A	26	rs145658621	NA18517
B4GALT1-AS	9	33166909	33166909	+	G	A	-37	rs149181384	NA18511
AQP7	9	33402553	33402553	-	G	C	-36	rs62544589	NA19236
ANKRD18B	9	33524322	33524322	+	C	G	-89	.	NA18507
ANKRD18B	9	33524493	33524493	+	G	A	83	rs147274232	NA18511
ANXA2P2	9	33624154	33624154	+	G	A	-69	rs112661202	NA18517
ANXA2P2	9	33624215	33624215	+	G	A	-8	rs28452630	NA18507
ANXA2P2	9	33624257	33624257	+	C	T	35	.	NA19236
C9orf24	9	34397815	34397815	-	C	A	35	rs139595543	NA18498
CCL21	9	34710084	34710084	-	A	C	81	rs11574915	NA18523
DNAJB5	9	34989545	34989545	+	T	C	-93	rs3808867	NA19236
CD72	9	35618520	35618520	-	A	G	-96	rs116571006	NA18861
RMRP	9	35658016	35658016	-	A	G	-1	.	NA19236
ARHGEF39	9	35665274	35665274	-	G	A	5	rs76477125	NA18861
MIR6852	9	35710717	35710717	-	T	C	22	rs148008785	NA19147
TOMM5	9	37592569	37592569	-	C	T	68	rs114726823	NA18864
EXOSC3	9	37785053	37785053	-	C	G	37	rs115431773	NA18507
ANKRD18A	9	38620301	38620301	-	G	T	60	rs180917477	NA19225
LINC01410	9	66457202	66457202	+	-	AC	-87	.	NA18489
LINC01410	9	66457206	66457206	+	G	C	-83	.	NA18861
LINC01410	9	66457237	66457237	+	G	A	-52	.	NA18856
LINC01410	9	66457374	66457374	+	A	G	86	rs199952614	NA19198
PTGER4P2-C	9	66494170	66494170	+	C	T	-99	rs78691896	NA19236
MIR4477B	9	68415292	68415292	+	C	T	-16	rs4928838	NA18856

MIR4477B	9	68415318	68415318	+	G	A	11	rs35282198	NA19236
MIR4477A	9	68415353	68415353	+	T	G	36	rs71242635	NA18501
MIR4477A	9	68415366	68415366	+	A	T	23	rs146706865	NA18856
MIR4477A	9	68415429	68415429	-	C	A	-41	rs71224721	NA19116
MIR4477A	9	68415472	68415472	-	G	-	-84	rs113409027	NA19129
LOC642236	9	68454384	68454384	-	C	G	-9	.	NA18856
LOC1001323!	9	68726624	68726624	+	G	A	84	rs76119975	NA18507
MIR1299	9	69002283	69002283	-	A	T	39	.	NA19236
MIR1299	9	69002295	69002295	-	G	A	27	rs200401671	NA19236
MIR1299	9	69002416	69002416	-	G	A	-95	.	NA18489
LOC1001323!	9	69065517	69065517	+	G	A	-49	rs79786359	NA18909
LOC1001323!	9	69065661	69065661	+	T	G	96	.	NA18909
LOC1001339!	9	69651310	69651310	+	T	C	-51	rs74958091	NA19116
LOC1001339!	9	69651314	69651314	+	C	T	-47	rs77625812	NA19116
CBWD5	9	70490278	70490278	-	C	T	-67	rs11507112	NA19116
SMC5-AS1	9	72873786	72873786	+	G	A	5	rs943534	NA18907
TRPM3	9	73736486	73736486	-	-	A	29	rs143597671	NA19207
C9orf85	9	74526496	74526496	+	G	C	74	.	NA19114
RORB	9	77112159	77112159	+	T	G	-93	rs10217741	NA18523
OSTF1	9	77703436	77703436	+	C	T	39	.	NA19114
MIR548H3	9	78338720	78338720	-	C	G	25	rs11144594	NA18489
PCSK5	9	78505603	78505603	+	T	C	44	rs3814117	NA19236
GCNT1	9	79093167	79093167	+	C	T	-90	rs7032475	NA18856
GCNT1	9	79093267	79093267	+	T	C	11	rs145431220	NA18856
VPS13A-AS1	9	79792920	79792920	-	G	T	-87	rs45463897	NA19189
SLC28A3	9	86955610	86955610	-	G	A	85	rs11568402	NA19107
LOC1019276!	9	88742463	88742463	+	T	C	9	rs115147338	NA19236
LOC440173	9	89657011	89657011	-	G	C	31	.	NA19236
LOC494127	9	89700211	89700211	-	C	T	-71	rs113815463	NA19107
CTSL3P	9	90387919	90387919	+	T	C	90	.	NA18861
LOC392364	9	90473973	90473973	-	C	G	-2	rs7874197	NA19236
LOC286238	9	91267085	91267085	-	C	T	-10	rs143930908	NA18489
GADD45G	9	92219864	92219864	+	C	G	-63	.	NA18507
GADD45G	9	92219915	92219915	+	C	G	-12	rs3138498	NA18916
LOC1001280	9	94895094	94895094	+	T	-	-22	rs139068042	NA19116
LINC00475	9	94903825	94903825	+	C	T	77	rs140149768	NA18501
ANKRD19P	9	95571882	95571882	+	T	C	-11	rs192031463	NA19225
NINJ1	9	95896475	95896475	-	C	G	96	rs201941970	NA18916
NUTM2F	9	97090862	97090862	-	G	A	65	rs117318850	NA18498
MIR2278	9	97572192	97572192	+	A	G	-52	rs115476220	NA19236
LINC00476	9	98638341	98638341	-	G	C	-82	rs139286981	NA19116

HABP4	9	99212524	99212524	+	G	T	88	rs191766212	NA19236
CCDC180	9	100069946	100069946	+	C	T	37	rs76020873	NA19147
ALG2	9	101984147	101984147	-	G	C	100	rs7023652	NA18507
TEX10	9	103114897	103114897	-	G	A	-44	rs112311747	NA18864
LINC01492	9	106087327	106087327	-	T	C	-12	rs115278371	NA18856
OR13C5	9	107361714	107361714	-	G	C	-20	rs143794511	NA18486
NIPSNAP3A	9	107510062	107510062	+	C	T	94	rs114635115	NA18486
FSD1L	9	108210300	108210300	+	C	T	-15	rs3818598	NA19189
LOC340512	9	109865213	109865213	-	C	T	57	rs72747518	NA19236
PALM2	9	112542613	112542613	+	A	G	37	.	NA18507
PALM2	9	112542628	112542628	+	C	T	52	.	NA18517
MIR4668	9	114694322	114694322	+	C	A	-58	.	NA18856
PTBP3	9	115095210	115095210	-	G	A	97	rs114913278	NA18486
PRPF4	9	116037953	116037953	+	T	C	40	.	NA19107
PRPF4	9	116037954	116037954	+	G	C	41	.	NA19107
PRPF4	9	116037961	116037961	+	C	T	48	rs113213009	NA18498
RGS3	9	116298796	116298796	+	CTG	-	40	.	NA19107
RGS3	9	116327159	116327159	+	C	T	-75	rs56155263	NA19236
RGS3	9	116356293	116356293	+	C	T	94	rs111639946	NA19114
TNFSF8	9	117692884	117692884	-	G	C	-9	rs1555456	NA18861
ASTN2-AS1	9	119266468	119266468	+	A	G	-94	rs4836731	NA19147
SNORA70C	9	119943499	119943499	-	T	C	-19	rs148693433	NA19235
PHF19	9	123657169	123657169	-	A	-	6	rs11301843	NA19236
NDUFA8	9	124922136	124922136	+	A	G	-38	rs369447732	NA18507
MORN5	9	124922207	124922207	+	A	G	21	rs111689662	NA18864
OR1J1	9	125240176	125240176	-	G	A	30	rs145448220	NA19198
OR1J2	9	125273122	125273122	+	T	C	42	rs113674730	NA19225
OR1J2	9	125273153	125273153	+	G	A	73	rs141998750	NA18486
OR1N2	9	125315422	125315422	+	A	G	-27	rs74804951	NA19108
OR1B1	9	125391807	125391807	-	C	T	8	rs148803298	NA19198
OR1L1	9	125423955	125423955	+	C	T	-40	rs12000124	NA18501
OR1L4	9	125486335	125486335	+	A	C	67	rs58159408	NA18517
OR1L6	9	125512206	125512207	+	CT	-	80	.	NA19129
OR1K1	9	125562406	125562406	+	A	G	5	.	NA19198
OR1K1	9	125562471	125562471	+	C	A	70	rs76438706	NA18909
CRB2	9	126118471	126118471	+	G	T	26	rs35454517	NA19225
HSPA5	9	128003605	128003605	-	G	A	62	.	NA19207
GAPVD1	9	128061084	128061084	+	-	A	-85	.	NA18909
PBX3	9	128510521	128510521	+	C	T	44	.	NA19107
SNORA65	9	130210896	130210896	-	G	T	21	rs79093095	NA18916
SNORA65	9	130210922	130210922	-	AAACC	-	-6	.	NA18486

SNORA65	9	130210962	130210962	-	T	C	-46	rs75030264	NA18916
SH2D3C	9	130533559	130533559	-	G	T	90	rs115856106	NA19114
MIR4672	9	130631702	130631702	-	C	T	73	rs3780662	NA19236
FAM102A	9	130712897	130712897	-	G	A	97	rs148109002	NA19108
MIR199B	9	131007160	131007160	-	C	A	-51	rs373272982	NA19198
SWI5	9	131038391	131038391	+	C	A	-34	rs113061832	NA19235
URM1	9	131133515	131133515	+	C	T	-83	rs149155260	NA19147
URM1	9	131133517	131133517	+	T	C	-81	.	NA18517
URM1	9	131133522	131133531	+	TCGATGACT	-	-76	.	NA18517
URM1	9	131133534	131133534	+	T	C	-64	.	NA18517
MIR219B	9	131154877	131154877	+	G	C	-23	rs376253786	NA18916
CERCAM	9	131182744	131182744	+	A	G	-15	rs76711840	NA19116
DOLK	9	131710017	131710017	+	G	A	-5	rs113241875	NA18507
QRFP	9	133769316	133769316	-	G	A	-91	rs189849948	NA18517
NUP214	9	134000943	134000943	+	C	G	-5	rs182167010	NA19147
MED27	9	134955269	134955269	-	G	T	6	rs202077892	NA18489
CEL	9	135937318	135937318	+	A	T	-47	.	NA18501
CEL	9	135937443	135937443	+	G	A	79	.	NA19235
CEL	9	135937450	135937450	+	G	T	86	.	NA19235
RALGDS	9	136004699	136004699	-	G	A	90	rs623361	NA19235
RALGDS	9	136004770	136004770	-	C	T	19	rs34429998	NA18498
OBP2B	9	136084698	136084698	-	C	A	-61	.	NA18523
SURF6	9	136202991	136203017	-	CTTCCCCG	-	57	.	NA18909
RPL7A	9	136215088	136215088	+	C	T	20	rs200168190	NA18507
RPL7A	9	136215142	136215142	+	G	A	74	rs77451162	NA18909
RPL7A	9	136215167	136215167	+	C	A	99	rs369022231	NA18498
SNORD36B	9	136216975	136216975	+	C	G	27	.	NA18909
SNORD36A	9	136217263	136217263	+	G	A	-48	rs59987664	NA19198
SNORD36C	9	136217675	136217675	+	T	G	-26	rs114090428	NA18909
REXO4	9	136283162	136283162	-	C	G	55	rs185304750	NA18909
CACFD1	9	136325160	136325160	+	G	A	74	rs2301614	NA18501
DBH-AS1	9	136522590	136522595	-	GAGAGG	-	-60	.	NA18909
WDR5	9	137004984	137004984	+	G	A	71	rs149864663	NA19189
RNU6ATAC	9	137029693	137029693	-	G	C	-7	rs75525162	NA18861
RXRA	9	137271074	137271084	+	ATCCCTGTC	-	-67	rs112170486	NA19236
C9orf116	9	138391772	138391772	-	A	C	-11	rs114106984	NA18501
OBP2A	9	138437935	138437935	+	A	G	-50	.	NA18511
SOHLH1	9	138591393	138591393	-	C	T	-19	rs149574223	NA18501
KCNT1	9	138593998	138593998	+	C	T	-33	rs190860290	NA19235
SNAPC4	9	139292793	139292793	-	C	T	97	rs138269645	NA19198
PMPCA	9	139305024	139305024	+	G	A	-1	rs4418446	NA18511

SDCCAG3	9	139305041	139305041	+	C	T	14	rs4400499	NA18511
MIR126	9	139565044	139565044	+	G	A	-10	rs148979093	NA19236
MIR126	9	139565141	139565141	+	G	A	88	rs143790661	NA18864
EDF1	9	139760762	139760762	-	C	T	27	rs111997215	NA19198
EDF1	9	139760857	139760857	-	G	A	-69	rs142257044	NA19108
LCN12	9	139846765	139846765	+	C	T	-3	rs200318881	NA19236
CLIC3	9	139890990	139890990	-	C	T	35	rs150822045	NA18909
EHMT1-IT1	9	140657381	140657381	+	C	T	-93	rs116642604	NA18909
MIR602	9	140732820	140732821	+	CT	-	-51	rs34999753	NA18517
ARSH	X	2924635	2924635	+	C	T	-19	rs142794181	NA18498
MID1	X	10535692	10535692	-	-	G	-49	.	NA19198
MSL3	X	11777785	11777785	+	C	T	51	rs12014103	NA19235
ASB11	X	15332717	15332717	-	G	A	-36	rs182509376	NA18909
PIR-FIGF	X	15509509	15509509	-	G	T	-77	rs187273531	NA18511
TMEM27	X	15683103	15683103	-	C	G	52	rs139660495	NA19108
ZRSR2	X	15808562	15808562	+	G	A	-12	rs192049244	NA19108
NHS	X	17653480	17653480	+	C	A	68	rs7880750	NA18489
PDHA1	X	19362068	19362068	+	G	A	58	rs5955751	NA18486
MAP7D2	X	20134716	20134716	-	G	C	41	.	NA18864
MAP7D2	X	20134820	20134820	-	-	T	-64	.	NA18916
PRDX4	X	23685667	23685667	+	T	C	23	rs181755152	NA19189
SUPT20HL2	X	24331532	24331532	-	A	C	-100	.	NA18864
VENTXP1	X	26576480	26576480	+	C	T	27	rs5944523	NA18507
DCAF8L1	X	27999583	27999583	-	T	C	-17	rs12014586	NA18907
DCAF8L1	X	27999592	27999592	-	C	T	-26	rs191756756	NA18517
MAGEB1	X	30261776	30261776	+	A	C	-72	rs191787003	NA18523
GK	X	30671401	30671401	+	A	G	-75	rs370282751	NA18864
GK	X	30671526	30671526	+	C	G	51	.	NA18861
FAM47B	X	34960893	34960893	+	C	A	-20	.	NA18864
OTC	X	38211656	38211656	+	G	A	-80	rs139948134	NA18523
TSPAN7	X	38420785	38420785	+	C	T	55	rs200344285	NA19236
MID1IP1	X	38660585	38660585	+	C	T	-100	rs142574157	NA18489
ATP6AP2	X	40440198	40440198	+	G	A	-18	.	NA18916
ATP6AP2	X	40440283	40440283	+	G	C	68	rs111632930	NA19235
DDX3X	X	41193434	41193434	+	G	A	20	rs145191840	NA19235
EFHC2	X	44202879	44202879	-	G	A	45	rs141432520	NA19116
CXorf36	X	45060174	45060174	-	G	T	-28	rs147311301	NA18864
LOC392452	X	45590564	45590564	+	C	T	-13	rs148663115	NA19129
ZNF157	X	47229941	47229941	+	C	A	-58	.	NA19116
PQBP1	X	48755229	48755229	+	C	T	17	rs186906941	NA18916
MIR532	X	49767838	49767838	+	C	T	85	rs190537859	NA18916

MIR188	X	49768015	49768015	+	T	C	-94	rs143346637	NA18907
MIR501	X	49774389	49774389	+	G	A	60	rs112489955	NA18907
MIR500B	X	49775351	49775351	+	A	G	72	rs151318590	NA18907
MIR502	X	49779188	49779188	+	T	G	-18	.	NA18861
AKAP4	X	49965602	49965602	-	C	A	63	rs192264917	NA19207
CCNB3	X	50027609	50027609	+	G	A	70	rs73493796	NA19225
NUDT11	X	51239458	51239458	-	G	T	2	rs374556276	NA19147
MIR8088	X	52079867	52079867	-	C	T	-83	rs186749503	NA18489
XAGE5	X	52841135	52841135	+	C	T	-93	rs190759124	NA19189
XAGE5	X	52841308	52841308	+	T	C	81	rs192257995	NA18511
XAGE3	X	52896281	52896281	-	T	C	52	rs141528085	NA19189
XAGE3	X	52896368	52896368	-	T	-	-36	.	NA19225
MIR6857	X	53432736	53432736	-	C	T	-39	rs7052858	NA18486
ITIH6	X	54824612	54824612	-	C	G	62	rs149030350	NA19114
PAGE5	X	55246874	55246874	+	G	A	95	rs180884276	NA18909
DLG3	X	69672108	69672108	+	C	T	-47	rs181718171	NA19189
ZMYM3	X	70474567	70474567	-	T	G	-68	rs5981095	NA19236
INGX	X	70712322	70712322	-	G	T	-23	rs76395257	NA18916
PIN4	X	71401505	71401505	+	G	A	-21	rs190568164	NA18511
SLC16A2	X	73641358	73641358	+	-	GGCAGC	31	.	NA18909
PGAM4	X	77225075	77225075	-	G	C	61	rs199995586	NA18511
PGAM4	X	77225099	77225099	-	C	T	37	rs6622613	NA19114
PGAM4	X	77225100	77225100	-	G	A	36	rs201946447	NA18498
TBX22	X	79277760	79277760	+	C	A	19	rs185298778	NA18861
TBX22	X	79277840	79277840	+	C	T	99	rs138387312	NA18916
BRWD3	X	80065199	80065199	-	-	GA	35	.	NA19108
CYLC1	X	83116055	83116055	+	A	C	-79	rs191437782	NA18523
PCDH11X	X	91090435	91090435	+	C	T	-25	rs182052951	NA18523
PCDH11X	X	91090513	91090513	+	T	C	54	rs138926050	NA18523
ARL13A	X	100224653	100224653	+	T	C	-44	rs7882094	NA18489
BTK	X	100645820	100645820	+	G	A	-36	rs140909168	NA19116
BEX4	X	102469961	102469961	+	G	C	-59	rs3747299	NA18507
TCEAL4	X	102831217	102831217	+	C	T	59	rs221946	NA18489
PLP1	X	103031703	103031712	+	iAGGAGGAG	-	-18	.	NA18923
H2BFWT	X	103268333	103268333	-	G	A	-74	rs578953	NA18523
RBM41	X	106362018	106362018	-	C	T	40	rs7885352	NA18511
RBM41	X	106362136	106362136	-	T	C	-79	rs145792061	NA19108
FRMPD3-AS1	X	106789136	106789136	-	C	T	-85	rs149539485	NA18489
NXT2	X	108780317	108780317	+	G	A	-30	rs188446532	NA18511
MIR652	X	109298547	109298547	+	C	T	-10	rs192395999	NA18498
ALG13	X	110924420	110924420	+	G	A	23	rs201622950	NA18511

CT83	X	115594147	115594147	-	T	C	48	rs59002717	NA18517
SOWAHD	X	118892657	118892657	+	C	T	82	.	NA18486
SNORA69	X	118921530	118921530	-	A	C	-83	rs73214964	NA18486
RPL39	X	118925588	118925588	-	G	A	35	rs149192649	NA19189
ATP1B4	X	119495941	119495941	+	A	G	2	.	NA18909
ACTRT1	X	127186407	127186407	-	A	G	-25	.	NA18916
UTP14A	X	129040033	129040033	+	C	T	-64	rs180838665	NA19129
SLC25A14	X	129473950	129473950	+	-	CTGTAAGTC	89	.	NA19107
RBMX2	X	129535934	129535934	+	G	A	-9	rs374357808	NA19116
IGSF1	X	130423050	130423050	-	G	A	-15	rs5932879	NA18501
IGSF1	X	130423339	130423339	-	C	T	65	rs182238317	NA18489
MBNL3	X	131573663	131573663	-	A	G	56	rs199884756	NA19114
MIR424	X	133680747	133680747	-	A	C	-6	rs374618265	NA19114
MCF2	X	138724929	138724929	-	C	A	72	rs2206575	NA19225
ATP11C	X	138914528	138914528	-	C	G	-81	.	NA19129
SPANXC	X	140786639	140786639	-	C	T	17	.	NA18923
SPANXC	X	140786649	140786649	-	T	C	7	.	NA18923
MAGEC3	X	140926167	140926167	+	G	C	66	rs143815982	NA18486
SPANXN2	X	142803862	142803862	-	C	A	-100	rs150502143	NA18523
MIR890	X	145075898	145075898	-	C	T	-29	rs149320253	NA18517
MIR888	X	145076355	145076355	-	C	A	24	rs143634721	NA18501
MIR892A	X	145078200	145078200	-	C	T	62	.	NA18498
MIR892A	X	145078321	145078321	-	T	G	-60	rs186264165	NA19116
MIR892B	X	145078733	145078733	-	A	G	60	rs146806052	NA18501
MIR891B	X	145082691	145082693	-	AAG	-	-42	.	NA19116
MIR513C	X	146271303	146271303	-	C	T	3	rs145416750	NA18861
MIR513A1	X	146295082	146295082	-	T	C	28	.	NA18501
MIR513A1	X	146295085	146295085	-	G	A	25	.	NA18501
MIR509-3	X	146340348	146340348	-	T	G	11	rs377180841	NA18909
MIR509-3	X	146341311	146341311	-	C	A	-67	rs78095394	NA18523
MIR509-3	X	146342104	146342104	-	T	A	30	.	NA19108
MIR510	X	146353849	146353849	-	T	C	78	rs143402876	NA18511
MIR510	X	146353894	146353894	-	A	G	33	rs375077546	NA18511
MIR514A2	X	146366331	146366331	-	G	A	-85	.	NA19129
AFF2	X	147800629	147800629	+	C	A	15	rs189238334	NA18864
MIR224	X	151127092	151127092	-	A	G	39	rs188519172	NA19236
ZFP92	X	152683841	152683841	+	C	T	61	rs181861824	NA18864
PNCK	X	152939901	152939901	-	C	-	-85	rs200867488	NA19189
PNCK	X	152939904	152939904	-	C	G	-88	rs368914282	NA19189
PLXNB3	X	153029669	153029669	+	C	T	19	rs729572	NA18489
SSR4	X	153059646	153059646	+	C	A	17	.	NA19116

L1CAM	X	153141411	153141411	-	G	A	-12	rs201707566	NA18861
RPL10	X	153626820	153626820	+	C	G	-18	rs191371671	NA19207
SNORA70	X	153628525	153628525	+	C	T	-97	rs73569593	NA19198
LOC158960	X	153656844	153656844	-	T	G	-19	rs189401774	NA18523
CD24	Y	21154966	21154966	-	C	G	-4	rs4998450	NA18498
