Supplementary table 2. SNPs included in the microarray, including tag SNPs associated individually and AIMs.

Chr	Gene_Symbol	Coordinate	Locus_Name	MAF_Caucasian	MAF_African	MAF_Japanese	MAF_Chinese	Location
1	PRDM16	2994217	rs2981881					intron
1	PRDM16	2996143	rs926244	0.325	0.45	0.057	0.1	intron
1	LOC391020	25294577	rs11588172	0.475	0.136	0.467	0.389	flanking_3UTR
1	LOC391025	29955601	rs894220	0.417	0.392	0.239	0.289	flanking_5UTR
1	LOC391025	29956046	rs894219	0.415	0.413	0.239	0.289	flanking_5UTR
1	LOC391025	29956326	rs894217	0.417	0.392	0.233	0.289	flanking_5UTR
1	LOC391025	29957013	rs4259710	0.424	0.15	0.367	0.456	flanking_5UTR
1	LOC391025	29958249	rs1866967	0.425	0.158	0.386	0.411	flanking_5UTR
1	LOC391025	29963181	rs10914228	0.421	0.161	0.386	0.384	flanking_5UTR
1	LOC391025	29964236	rs17262657	0.425	0.158	0.386	0.411	flanking_5UTR
1	C1orf94	34617423	rs705197	0.058	0.316	0.466	0.4	flanking_3UTR
1	KCNQ4	41066006	rs3767943	0.184	0.212	0.267	0.155	intron
1	DAB1	58196210	rs10493233	0.408	0.183	0	0.022	flanking_5UTR
1	ATG4C	63131404	rs7512480	0.483	0.142	0.357	0.278	flanking_3UTR
1	LOC729592	65302702	rs2201689	0.433	0.008	0.375	0.278	flanking_5UTR
1	LEPR	65929318	rs2889195	0.35	0.5	0.111	0.122	flanking_3UTR
1	NEGR1	72893267	rs4618917	0.181	0.475	0.273	0.178	flanking_5UTR
1	LOC729779	79455123	rs7529406	0.158	0.042	0.111	0.222	flanking_5UTR
1	LOC646538	81150159	rs10493682	0.373	0.246	0.081	0.044	flanking_3UTR
1	CLCA1	86741172	rs2791480	0.1667	0.2391		0.25	flanking_3UTR
1	CCBL2	89199840	rs10922530	0.408	0.2174	0.4	0.333	intron
1	CCBL2	89200159	rs3753683	0.5	0.2	0.5	0.489	intron
1	CCBL2	89201737	rs1409149	0.492	0.375	0.489	0.489	intron
1	FAM69A	93141084	rs2893225	0.364		0.023	0.033	intron
1	LOC440595	96714994	rs10489741	0.417	0.267	0.111	0.133	flanking_3UTR
1	IL6R	152647110	rs6427641	0.3958	0.27	0.423	0.414	intron
1	IL6R	152647408	rs11265610	0	0.356	0	0	intron
1	IL6R	152648673	rs1386821	0.167	0.092	0.159	0.044	intron
1	IL6R	152656365	rs12090237	0.008	0.1	0.023	0.078	intron
1	IL6R	152662463	rs6684439	0.054	0.009	0.038	0.013	intron
1	IL6R	152669862	rs28730733					intron
1	IL6R	152670960	rs7549250	0.492	0.458	0.466	0.478	intron
1	IL6R	152690109	rs4845626					intron
1	IL6R	152692888	rs4129267	0.342	0.042	0.42	0.433	intron
1	IL6R	152697442	rs12125954					intron
1	IL6R	152698666	rs10752641	0.322	0.433	0.211	0.089	intron
1	IL6R	152699044	rs4329505	0.158	0.467	0.102	0.067	intron
1	IL6R	152705504	rs4072391	0.254	0.336	0.211	0.111	3UTR
1	APCS	157823462	rs3753869	0.212	0.482	0.17	0.178	flanking_5UTR
1	LOC401975	164202205	rs7524799	0.5	0.167	0.4	0.378	flanking_5UTR
1	LOC401975	164228562	rs7522756	0.467	0.237	0.42	0.4	flanking_5UTR
1	LOC401975	164234044	rs732285	0.467	0.492	0.398	0.356	flanking_5UTR
1	LOC401975	164262955	rs6426962	0.458	0.05	0.477	0.433	flanking_3UTR
1	DUSP27	165350428	rs950302	0.467	0.467	0.239	0.311	intron
1	XCL1	166867280	rs7529003	0.258	0.483	0.409	0.364	flanking_3UTR
1	SELE	167968902	rs3917406	0.192	0.4	0.395	0.444	intron
1	C1orf9	170739243	rs10489280	0.308	0.45	0.407	0.467	flanking_5UTR
1	ABL2	177496344	rs432798	0.3913	0	0.318	0.233	flanking_5UTR
1	C1orf21	182798713	rs1999996	0.375	0.025	0.443	0.4	intron
1	C1orf99	185652696	rs4651379	0.192	0.342	0.398	0.467	flanking_5UTR
1	LOC730175	186304556	rs1323012	0.45	0.15	0.456	0.489	flanking_3UTR
1	LOC647202	197762985	rs10494797	0.358	0.475	0.211	0.111	flanking_3UTR
1	CHIT1	201454716	rs2244783	0.1458	0.067	0.432	0.344	intron
1	C1orf157	202234966	rs6690337	0.358	0.233	0.489	0.378	flanking_3UTR
1	IL10	205011484	rs1518110	0.2609	0.5			intron
1	IL10	205013257	rs1800871	0.173	0.464	0.312	0.256	flanking_5UTR
1	LOC642587	207705376	rs6659907	0.183	0.217	0.466	0.4	flanking_3UTR
1	KCNH1	208969817	rs11119583	0.183	0.441	0.375	0.344	intron
1	SLC30A1	209776725	rs1415249	0.058	0.45	0.375	0.367	flanking_3UTR
1	USH2A	213977921	rs2797257	0.034	0.408	0.443	0.422	intron

1	ESRRG	215190563	rs10492959	0.175	0.317	0.356	0.367	intron
1	ESRRG	215303424	rs1416527	0.35	0.483	0.182	0.2	intron
1	LOC728518	217914460	rs10495133	0.225	0.2	0.432	0.456	flanking_5UTR
1		219354003	rs1442460	0.417	0.398	0.284	0.367	flanking_3UTR
1	DUSP10	220119169	rs6604679	0.375	0.458	0.398	0.322	flanking_5UTR
1	EPHX1	224079200	rs2854450	0.217	0.342	0.023	0.067	flanking_5UTR
1	EPHX1	224079309	rs3753658	0.2	0	0.25	0.133	flanking_5UTR
1	EPHX1	224079978	rs1877724	0.192	0.017	0.25	0.244	intron
1	EPHX1	224080011	rs3738042					intron
1	EPHX1	224081739	rs2671272	0.225	0.233	0.045	0.156	intron
1	EPHX1	224081922	rs3738043					intron
1	EPHX1	224086256	rs1051740	0.325	0.1	0.432	0.478	coding
1	EPHX1	224086276	rs2292566	0.0833	0.1739		0.375	coding
1	EPHX1	224086397	rs2260863	0.276	0.417	0.057	0.078	intron
1	EPHX1	224087611	rs2740168	0.368				intron
1	EPHX1	224091420	rs2740170	0.233	0.258	0.08	0.044	intron
1	EPHX1	224092313	rs2671267	0.125	0.117	0.089	0.057	intron
1	EPHX1	224093029	rs2234922	0.214	0.312			coding
1	EPHX1	224095397	rs4653694	0	0	0	0.012	intron
1	EPHX1	224096269	rs2671264			0.062	0.071	intron
1	EPHX1	224098852	rs1051741	0.119	0.117	0.091	0.056	coding
1	EPHX1	224099153	rs4149227	0	0	0	0	intron
1	EPHX1	224099551	rs4149229	0	0.082	0.073	0.048	coding
1	EPHX1	224099706	rs4653695					3UTR
1	CAPN9	228934493	rs2478518	0.192	0.375	0.467	0.489	flanking_5UTR
1	DISC1	229820086	rs6541279	0.342	0.267	0.068	0.193	flanking_5UTR
1	ARID4B	233456171	rs10495361	0.375	0.017	0.33	0.2	intron
1	LOC729567	237555774	rs10495430	0.225	0.175	0.011	0.056	flanking_5UTR
1	LOC391181	240054883	rs10489351	0.2	0.408	0.216	0.311	intron
1	PLD5	240632975	rs924775	0.267	0.417	0.244	0.133	intron
1	SMYD3	244306093	rs1416089	0.175	0.45	0.33	0.478	intron
2	FLJ41046	6112182	rs2609115	0.267	0.322	0.367	0.256	flanking_3UTR
2	FLJ41046	6113298	rs1949914	0.267	0.242	0.364	0.267	flanking_3UTR
2	FLJ41046	6113619	rs2609114	0.267	0.254	0.367	0.267	flanking_3UTR
2	FLJ41046	6114642	rs2693815	0.296		0.297	0.224	flanking_3UTR
2	TRIB2	12726895	rs10490547	0.167	0.442	0.344	0.244	flanking_5UTR
2	DDX1	15806476	rs12623348	0.442	0.4	0.5	0.456	flanking_3UTR
2		20533218	rs12988451	0.386	0.367	0.056	0.067	
2	RHOB	20535781	rs9917322	0.386	0.408	0.056	0.067	flanking_3UTR
2	RHOB	20536254	rs4666308	0.392	0.35	0.057	0.067	flanking_3UTR
2	RHOB	20536729	rs4666402	0.386	0.35	0.056	0.067	flanking_3UTR
2	RHOB	20537725	rs10205221	0.386	0.358	0.056	0.056	flanking_3UTR
2	LOC344382	37857119	rs10495872	0.125	0.083	0.311	0.356	flanking_5UTR
2	NRXN1	50279140	rs4971659	0.158	0.442	0.477	0.378	intron
2	FLJ40298	54464059	rs4131218	0.317	0.017	0.318	0.444	flanking_3UTR
2	LOC647038	59459080	rs4432437	0.142	0.3	0.205	0.156	intron
2	ETAA1	67473559	rs6740919	0.28	0.058	0.356	0.443	flanking_5UTR
2	SFTPB	85737895	rs3024831	0.042	0	0.261	0.233	flanking_3UTR
2	SFTPB	85739524	rs7316	0.0909	0.2826			3UTR
2	SFTPB	85741804	rs3024815	0	0.2826			intron
2	SFTPB	85743036	rs2040349	0.5	0.225	0.318	0.322	intron
2	SFTPB	85747252	rs1130866	0.458	0.167	0.273	0.356	coding
2	SFTPB	85749215	rs3024791	0.1364	0.1905			flanking_5UTR
2	SFTPB	85751654	rs934774	0.383	0.033	0.466	0.433	flanking_5UTR
2	SFTPB	85756080	rs1030862	0.4	0.483	0.488	0.478	flanking_5UTR
2	SFTPB	85757419	rs10204426	0.408	0.258	0.477	0.433	flanking_5UTR
2	GNLY	85762537	rs6547631	0.433	0.317	0.477	0.478	flanking_5UTR
2	GNLY	85763644	rs10209258	0	0.25	0	0	flanking_5UTR
2	GNLY	85765188	rs12989528	0.153	0.358	0.033	0.056	flanking_5UTR
2	GNLY	85766673	rs17026540	0.367	0.35	0.455	0.489	flanking_5UTR
2		85766725	rs11688432	0.417	0.258	0.5	0.433	
2	GNLY	85769998	rs4832183	0.4	0.192	0.432	0.378	flanking_5UTR

2	GNLY	85775503	rs2043760	0.333	0.45	0.42	0.378	UTR
2	GNLY	85775979	rs6732835	0	0.075	0	0	coding
2	GNLY	85777642	rs11887686	0.051	0.133	0	0	intron
2	GNLY	85779178	rs4240201	0.432	0.042	0.456	0.422	intron
2	GNLY	85786878	rs6547632	0.358	0.183	0.411	0.389	flanking_3UTR
2	GNLY	85788010	rs12151621	0.235	0.32	0.037	0.053	flanking_3UTR
2	GNLY	85791511	rs4525696	0.158	0.217	0.044	0.022	flanking_3UTR
2	GNLY	85794585	rs10188985	0.392	0.217	0.205	0.167	flanking_3UTR
2	REEP1	86395177	rs2367233	0.392	0.042	0.114	0.078	intron
2	IL1R1	102098123	rs1558643	0.425	0.308	0.352	0.356	flanking_5UTR
2	SH3MD4	109115053	rs1469529	0.4	0.408	0.284	0.322	flanking_3UTR
2	DPP10	117014003	rs2421608	0.39	0.025	0.4	0.478	flanking_3UTR
2	LOC728241	122843565	rs10496585	0.133	0.392	0.352	0.433	flanking_3UTR
2	IWS1	127974301	rs4662733	0.392	0.233		0.4167	intron
2	HS6ST1	128848084	rs880713	0.417	0.017	0.318	0.322	flanking_5UTR
2	LOC151121	129736409	rs837905	0.35	0.491	0.398	0.278	flanking_5UTR
2		134205469	rs4369918	0.205	0.059	0.114	0.237	flanking_5UTR
2		134207736	rs1992784	0.242	0.1	0.125	0.233	flanking_5UTR
2		134211989	rs1562349	0.242	0.1	0.125	0.233	flanking_5UTR
2		134212517	rs1867894	0.242	0.1	0.122	0.227	flanking_5UTR
2		134213386	rs1374407	0.475	0.425	0.25	0.233	flanking_5UTR
2		134225205	rs1446749	0.229	0.067	0.122	0.233	flanking_5UTR
2	LRP1B	140986740	rs2171107	0.367	0.3	0.4	0.333	intron
2	ARHGAP15	143626189	rs827228	0.342	0.362	0.035	0.102	intron
2	MBD5	149022511	rs10497035	0.358	0.342	0.167	0.067	flanking_3UTR
2	GALNT13	154337481	rs725231	0.3636		0.105	0.067	flanking_5UTR
2	GALNT13	154702787	rs1345948	0.275	0.3	0.091	0.033	intron
2	LOC728059	160032130	rs964176	0.45	0	0.261	0.311	flanking_5UTR
2	LOC728304	164445618	rs6705268	0.275	0.178	0.056	0.111	flanking_5UTR
2	LOC728304	164460708	rs10497248	0.283	0.475	0.08	0.1	flanking_5UTR
2	LOC728304	164461232	rs1437660	0.283	0.017	0.148	0.211	flanking_5UTR
2	LOC728304	164462857	rs6711676	0.276		0.078	0.081	flanking_5UTR
2	LOC728304	164471146	rs10164803	0.283	0.475	0.08	0.1	flanking_5UTR
2	LOC728304	164472128	rs1837103	0.283	0.017	0.148	0.211	flanking_5UTR
2	STK39	168532380	rs935381	0.25	0.383		0.25	intron
2	STK39	168803221	rs1517319	0.475	0.258	0.455	0.244	intron
2	DYNC1I2	172205085	rs2356800	0.483	0.25	0.182	0.122	flanking_5UTR
2	ITGA6	173040361	rs2272499	0.225	0.458	0.17	0.144	intron
2	OLA1	174725664	rs7424665	0.083	0.358	0.318	0.311	intron
2	HOXD1	176789187	rs2140537	0.35	0.017	0.179	0.211	flanking_3UTR
2	KIAA1604	180703408	rs1518423	0.467	0.433	0.182	0.167	flanking_5UTR
2	ZSWIM2	187656331	rs1487397	0.242	0.233	0.341	0.378	flanking_5UTR
2	HECW2	196836075	rs9288260	0.067	0.4	0.256	0.311	intron
2	PLCL1	198611154	rs10497811	0.433	0.35	0.261	0.322	intron
2	MYL1	210883288	rs1074158	0.342	0.125	0.489	0.367	intron
2	CPS1	211279872	rs4673548	0.425	0.317	0.159	0.111	flanking_3UTR
2	XRCC5	216690615	rs3815855	0.242	0.125	0.125	0.178	intron
2	XRCC5	216690936	rs10166817					intron
2	XRCC5	216701856	rs828704	0.2	0.15	0.102	0.078	intron
2	XRCC5	216706906	rs207878	0.483	0.05	0.205	0.2	intron
2	XRCC5	216709792	rs10804247					intron
2	XRCC5	216710240	rs7597791	0	0.3043		0	intron
2	XRCC5	216711397	rs2303400	0.3684	0.2273		0.2105	intron
2	XRCC5	216711670	rs16855452	0.0227	0.2826		0.0435	intron
2	XRCC5	216712933	rs7568121					intron
2	XRCC5	216718129	rs16855454	0	0.258	0	0	intron
2	XRCC5	216719066	rs16855458	0.217	0	0.114	0.189	intron
2	XRCC5	216719082	rs16855462	0	0.042	0	0	intron
2	XRCC5	216719857	rs207905	0.133	0.308	0.102	0.056	intron
2	TNS1	218391399	rs2571445	0.381	0.2647	0.433	0.4	coding
2	TNS1	218416677	rs1364637	0.425		0.5	0.278	intron
2	SLC4A3	220406369	rs10498070	0.208	0.229	0.284	0.444	flanking_3UTR

2	EPHA4	221450702	rs666941	0.392	0.117	0.409	0.289	flanking_3UTR
2	PAX3	222849682	rs10498137	0.133	0.042	0.244	0.189	intron
2	SERPINE2	224550239	rs6734100	0.133	0.025	0.182	0.189	intron
2	SERPINE2	224550394	rs7597833	0.467	0.068	0.25	0.267	intron
2	SERPINE2	224551645	rs12475117	0.017	0.333	0	0	intron
2	SERPINE2	224553163	rs729631	0.158	0.317	0.443	0.467	intron
2	SERPINE2	224553208	rs16865388	0	0.05	0	0	intron
2	SERPINE2	224554259	rs16865390	0.017	0.331	0.144	0.256	intron
2	SERPINE2	224555512	rs10164837	0.286	0.028	0.041	0.012	intron
2	SERPINE2	224555951	rs975278	0.153	0.317	0.443	0.478	intron
2	SERPINE2	224556050	rs7605945	0.186	0.336	0.289	0.278	intron
2	SERPINE2	224559296	rs3820766	0.017	0.1	0.125	0.189	intron
2	SERPINE2	224559994	rs10153617	0.008	0	0.256	0.089	intron
2	SERPINE2	224562312	rs7608941	0.1875	0.433	0.356	0.5	intron
2	SERPINE2	224564894	rs6712954	0.042	0.115	0.075	0.086	coding
2	SERPINE2	224565510	rs10191694	0.275	0.433	0.375	0.489	intron
2	SERPINE2	224566337	rs16865421	0.042	0.167	0.09	0.218	intron
2	SERPINE2	224566994	rs6738983	0.258	0.203	0.222	0.311	intron
2	SERPINE2	224569405	rs11695803	0.058	0.158	0.022	0.044	intron
2	SERPINE2	224570147	rs11884535	0.2	0.3182	0.115	0.131	intron
2	SERPINE2	224571065	rs3795879	0.142	0.4	0.114	0.1	intron
2	SERPINE2	224572796	rs1866153	0.178	0	0	0	intron
2	SERPINE2	224574820	rs12436	0.106				coding
2	SERPINE2	224577887	rs2118409					intron
2	SERPINE2	224585755	rs7602990	0.008	0.19	0.291	0.178	intron
2	SERPINE2	224587451	rs4674839	0.058	0.342	0.398	0.4	intron
2	SERPINE2	224588186	rs7560399	0	0.076	0	0	intron
2	SERPINE2	224588580	rs6436459	0.225	0.242	0.122	0.222	intron
2	SERPINE2	224590818	rs13393673	0.25	0.2174		0.0833	intron
2	SERPINE2	224591549	rs2037755	0.423	0.085	0.462	0.429	intron
2	SERPINE2	224591971	rs1438830	0.008	0.169	0.278	0.178	intron
2	SERPINE2	224592334	rs13022548	0.175	0.108	0	0	intron
2	SERPINE2	224593022	rs4674846	0.008	0.172	0.278	0.178	intron
2	SERPINE2	224593246	rs2083121	0.008	0.167	0.273	0.178	intron
2	SERPINE2	224593525	rs6708287	0.008	0.169	0.284	0.17	intron
2	SERPINE2	224595584	rs4368321	0.158	0.373	0.144	0.167	intron
2	SERPINE2	224596801	rs16865497	0	0.0217		0	intron
2	SERPINE2	224597627	rs13008520	0.175	0.108	0	0	intron
2	SERPINE2	224598544	rs16865500	0	0.0217		0	intron
2	SERPINE2	224598630	rs1866151	0	0.125	0.216	0.189	intron
2	SERPINE2	224599084	rs10194024	0.417	0.136	0.356	0.3	intron
2	SERPINE2	224601659	rs16865507	0	0.0217		0	intron
2	SERPINE2	224608940	rs7579646					intron
2	SERPINE2	224611141	rs861442					intron
2	SERPINE2	224612918	rs920250					flanking_5UTR
2	SERPINE2	224614559	rs1438831	0.358	0.308	0.17	0.156	flanking_5UTR
2	FAM124B	224955731	rs2216460	0.314	0.167	0.307	0.278	intron
2	KIAA1486	225871888	rs1373211	0.242	0.058	0.443	0.367	flanking_5UTR
2	LOC646736	226636197	rs7562564	0.483	0.125	0.352	0.4	flanking_5UTR
2	RHBDD1	227481710	rs3820928	0.392	0.483	0.278	0.411	intron
3	CHL1	287349	rs6764363	0.333	0.442	0.128	0.102	intron
3	CHL1	291417	rs11707796	0.267	0.292	0.189	0.122	intron
3	IL5RA	3099500	rs340813	0.408	0.342	0.278	0.411	intron
3	ATP2B2	10631823	rs749477	0.4	0.35	0.091	0.089	flanking_5UTR
3		27204290	rs7653480					
3	ABHD5	43801254	rs10490784	0.458	0.15	0.367	0.2	flanking_3UTR
3	ITIH4	52827578	rs4687657	0.258	0.183	0.375	0.444	coding
3	ITIH4	52828787	rs2276815					intron
3	ITIH4	52830269	rs2239547	0.271	0.183	0.386	0.444	intron
3	ERC2	55944898	rs4974153	0.217		0.111	0.167	intron
3	ERC2	55968696	rs12495172	0.308	0.45	0.4	0.389	intron
3	ERC2	56029117	rs13061634	0.233	0.183		0.178	intron

3	ERC2	56045798	rs9862661	0.28		0.133	0.167	intron
3	FHIT	60519776	rs180994	0.225	0.05		0.111	flanking_5UTR
3	FHIT	60520642	rs180998	0.242	0.05			flanking_5UTR
3	CADPS	62631299	rs10510883	0.233	0.033	0.455	0.378	intron
3	PRICKLE2	64176742	rs888405	0.225	0.242	0.478	0.456	intron
3	SHQ1	72731670	rs10049135	0.117	0.164		0.344	flanking_3UTR
3	PDZRN3	73784368	rs1511520	0.167	0.373	0.182	0.244	flanking_5UTR
3	PDZRN3	73784634	rs6781766	0.167	0.317	0.178	0.244	flanking_5UTR
3	PDZRN3	73784679	rs6805318	0.167	0.297	0.17	0.244	flanking_5UTR
3	PDZRN3	73786831	rs9310276	0.167	0.28	0.178	0.244	flanking_5UTR
3	PDZRN3	73787987	rs1022170	0.325	0.375	0.389	0.422	flanking_5UTR
3	PDZRN3	73788712	rs2036893	0.325	0.35	0.398	0.422	flanking_5UTR
3	PDZRN3	73788941	rs9310278	0.167	0.308	0.178	0.244	flanking_5UTR
3	PDZRN3	73793442	rs4677326	0.368	0.383	0.386	0.432	flanking_5UTR
3	PDZRN3	73793635	rs9310279	0.35	0.383	0.386	0.422	flanking_5UTR
3	PDZRN3	73794315	rs9847694	0.337	0.327	0.382	0.397	flanking_5UTR
3	PDZRN3	73794553	rs1511521	0.35	0.35	0.378	0.422	flanking_5UTR
3	PDZRN3	73796830	rs1355467	0.373	0.133	0.389	0.433	flanking_5UTR
3	PDZRN3	73797533	rs1039956	0.352		0.405	0.394	flanking_5UTR
3	PDZRN3	73798754	rs1039955	0.358	0.175	0.389	0.433	flanking_5UTR
3	PDZRN3	73802634	rs4677328	0.461	0.1522	0.408	0.443	flanking_5UTR
3	PDZRN3	73810230	rs1877252	0.392	0.15	0.367	0.433	flanking_5UTR
3	PDZRN3	73814228	rs9790092	0.392	0.142	0.367	0.433	flanking_5UTR
3	PDZRN3	73814606	rs994960	0.392	0.125	0.367	0.433	flanking_5UTR
3	PDZRN3	73817337	rs932017	0.283	0.175	0.318	0.367	flanking_5UTR
3	PDZRN3	73818048	rs6777769	0.392	0.083	0.356	0.433	flanking_5UTR
3	PDZRN3	73818364	rs1511532	0.283	0.083	0.311	0.367	flanking_5UTR
3	PDZRN3	73818420	rs1511533	0.272	0.083	0.322	0.364	flanking_5UTR
3	PDZRN3	73818811	rs11918578	0.435	0.336	0.364	0.433	flanking_5UTR
3	PDZRN3	73820043	rs1567573	0.318	0.364	0.341	0.4	flanking_5UTR
3	PDZRN3	73820157	rs1567574	0.39	0.123	0.341	0.433	flanking_5UTR
3	PDZRN3	73831927	rs1543070	0.377	0.25		0.3333	flanking_5UTR
3	PDZRN3	73833683	rs2137064	0.383	0.15	0.364	0.444	flanking_5UTR
3	PDZRN3	73842112	rs970543	0.175	0.085	0.17	0.256	flanking_5UTR
3	PDZRN3	73845995	rs12631241	0.178	0.067	0.156	0.256	flanking_5UTR
3	PDZRN3	73847232	rs6787034	0.35	0.216	0.367	0.456	flanking_5UTR
3	PDZRN3	73848121	rs7645388	0.35	0.167	0.367	0.456	flanking_5UTR
3	PDZRN3	73849883	rs952708	0.35	0.192	0.367	0.456	flanking_5UTR
3	PDZRN3	73850194	rs1511531	0.35	0.05	0.364	0.478	flanking_5UTR
3	PDZRN3	73852454	rs925431		0.067	0.364	0.467	flanking_5UTR
3	PDZRN3	73874334	rs10511027	0.317	0	0.367	0.456	flanking_5UTR
3	LOC728290	80436231	rs17451453	0.25	0.224	0.1	0.1	flanking_5UTR
3	LOC728290	80438463	rs1876089	0.258	0.225	0.08	0.1	flanking_5UTR
3	VGLL3	87197152	rs979626	0.233	0.3636		0.2083	flanking_5UTR
3	LOC344653	88481787	rs6783980	0.425	0.25	0.318	0.278	flanking_3UTR
3	LOC644063	97031729	rs1368515	0.433	0.4	0.244	0.3	flanking_5UTR
3	CD96	112617499	rs1529057	0.158	0.308	0.375	0.386	flanking_5UTR
3	ZBTB20	115592234	rs17614981	0.425	0.136		0.389	intron
3	ZBTB20	115593236	rs9859157	0.423	0.125		0.362	intron
3	ZBTB20	115593319	rs9859304	0.425	0.142		0.389	intron
3	ZBTB20	115593868	rs9864199	0.45	0.39		0.375	intron
3	ZBTB20	115594746	rs3957585	0.45	0.4		0.389	intron
3	LOC728873	118425700	rs1462845	0.3	0.458	0.378	0.222	flanking_3UTR
3	SLC15A2	123100746	rs3805134	0.492	0.492	0.222	0.244	intron
3	CLSTN2	141267564	rs2350488	0.425	0.208	0.295	0.467	intron
3	LOC152118	154977981	rs1524548	0.35	0.075	0.467	0.422	flanking_3UTR
3	PLCH1	156723332	rs7637342	0.367	0.317	0.056	0.122	intron
3	SI	165861280	rs1495060		0	0.179	0.198	flanking_3UTR
3	PRKCI	171473104	rs2140825	0.417	0.033	0.337	0.389	intron
3	PRKCI	171510691	rs12493973					flanking_3UTR
3	PRKCI	171515371	rs1997061	0.425	0.4	0.432	0.344	flanking_3UTR
3	PRKCI	171525496	rs1880589	0.425	0.417	0.443	0.333	flanking_3UTR

3	PRKCI	171525505	rs1880588	0.424	0.417	0.453	0.341	flanking_3UTR
3	SLC7A14	171682206	rs6788596	0.342	0.142	0.444	0.5	intron
3	LOC647212	175782870	rs1316579	0.4	0.4	0.159	0.256	flanking_3UTR
3	hCG_1646471	179651238	rs1441886	0.233	0	0.378	0.378	intron
3	TP63	190689185	rs9290892	0.317	0.425	0.367	0.356	flanking_5UTR
3	LEPREL1	191255711	rs7627711	0.375	0.333	0.3	0.356	intron
3	FGF12	193310987	rs1460918	0.492	0.225	0.2	0.178	flanking_3UTR
3	C3orf21	196328939	rs950257	0.283	0.408	0.08	0.144	intron
4	LDB2	16379333	rs189988	0.067	0.275	0.344	0.311	intron
4	KIAA1276	17382540	rs725805	0.425	0.058	0.193	0.211	intron
4	LOC729175	24053883	rs6823107	0.333	0.475	0.239	0.456	flanking_3UTR
4	SOD3	24403895	rs2284659	0.325	0.117	0.341	0.367	flanking_5UTR
4	LOC391642	27020158	rs1910137	0.492	0.1	0	0.011	flanking_5UTR
4	LOC727823	34826055	rs1023933	0.39	0.034	0.393	0.289	flanking_3UTR
4	LOC727823	35198927	rs4859365	0.3958	0.3261		0.2391	flanking_3UTR
4	ATP8A1	42168387	rs10517028	0.392	0.292	0.367	0.389	intron
4	LOC389207	42515509	rs4861225	0.308	0.375	0.034	0.144	flanking_5UTR
4	hCG_2040572	56397752	rs1447050	0.433	0.233		0.4792	intron
4	LOC255130	57845065	rs10488924	0.45	0.275	0.345	0.409	flanking_3UTR
4	LOC644419	59745280	rs9312080	0.35	0.3	0.25	0.356	flanking_5UTR
4	LOC644419	59749724	rs2009488	0.35	0.4	0.25	0.367	flanking_5UTR
4	LOC644419	59750192	rs905367	0.35	0.4	0.25	0.367	flanking_5UTR
4	LOC644419	59761518	rs1393593	0.342	0.3	0.25	0.367	flanking_5UTR
4	DKFZP564O0823	76019438	rs935905	0.325	0.133	0.318	0.356	flanking_5UTR
4	PRDM8	81371271	rs10518234	0.417	0.225	0.433	0.489	flanking_3UTR
4	FAM13A1	89996104	rs6830970	0.275	0.392	0.386	0.444	intron
4	FAM13A1	90088355	rs2869967	0.35		0.344	0.478	intron
4	GPRIN3	90505512	rs7693500	0.258	0.183	0.467	0.456	flanking_5UTR
4	EMCN	101526697	rs10516462	0.392	0.242		0.1875	flanking_3UTR
4	DKK2	108334671	rs10516541	0.442	0.067	0.352	0.3	flanking_5UTR
4	LOC345016	135477618	rs9307710	0.042	0.342	0.318	0.411	flanking_3UTR
4	PCDH18	138862042	rs1112266	0.225	0.258	0.443	0.5	flanking_5UTR
4	GYPA	145244249	rs6844670	0.4	0.467	0.489	0.433	flanking_3UTR
4	GYPA	145245500	rs6857262					flanking_3UTR
4	GYPA	145246601	rs4130880	0.008	0.233	0	0	flanking_3UTR
4	GYPA	145249801	rs4469024	0.0625	0.4348		0.0652	flanking_3UTR
4	GYPA	145249996	rs1132787	0.2826	0.0652		0.0455	3UTR
4	GYPA	145251291	rs13125760	0.492	0.025	0.389	0.322	3UTR
4	GYPA	145253260	rs4374581	0.025	0.269	0.044	0.081	intron
4	GYPA	145255238	rs6857303	0.448	0.297			intron
4	GYPA	145265010	rs11938324	0	0.085	0	0	intron
4	GYPA	145269468	rs4286473					intron
4	GYPA	145275937	rs13103731	0.449	0.217	0.489	0.456	intron
4	GYPA	145285935	rs12499911	0	0	0	0	flanking_5UTR
4	GYPA	145453965	rs6828489	0.2292	0.3913		0.3478	flanking_5UTR
4	GYPA	145454993	rs6830386	0.275	0.042	0.239	0.333	flanking_5UTR
4	GYPA	145457875	rs11100850	0.268	0.028	0.262	0.362	flanking_5UTR
4	GYPA	145458435	rs1505771	0.275	0.364	0.25	0.333	flanking_5UTR
4	GYPA	145459461	rs4256191	0.28	0.258	0.256	0.333	flanking_5UTR
4	GYPA	145459602	rs4321584	0.275	0.367	0.256	0.333	flanking_5UTR
4	GYPA	145469840	rs7655235	0.275	0.367	0.25	0.333	flanking_5UTR
4	GYPA	145474135	rs7377575	0.275	0.35	0.25	0.333	flanking_5UTR
4	GYPA	145476862	rs4031150	0.267	0.034	0.267	0.344	flanking_5UTR
4	GYPA	145477389	rs6537278	0.267	0.033	0.267	0.344	flanking_5UTR
4	GYPA	145482271	rs6858668	0	0.347	0	0	flanking_5UTR
4	GYPA	145482377	rs13105210	0.304	0.009	0.202	0.205	flanking_5UTR
4	GYPA	145482736	rs2719341	0.192	0.092		0.2609	flanking_5UTR
4	KRT18P51	145487084	rs4493485	0.275	0.492	0.267	0.311	flanking_5UTR
4	KRT18P51	145489514	rs17709487	0.2708	0.0652		0.2391	flanking_5UTR
4	KRT18P51	145490405	rs6834183	0.292	0.025	0.211	0.211	flanking_5UTR
4	KRT18P51	145492142	rs17766168	0.292	0.033	0.211	0.211	flanking_5UTR
4	KRT18P51	145493378	rs4835177	0.35	0.008	0.211	0.211	flanking_5UTR

4	KRT18P51	145494220	rs989346	0.275	0	0.261	0.311	flanking_5UTR
4	KRT18P51	145494489	rs6537279	0.178	0	0	0	flanking_5UTR
4	KRT18P51	145498205	rs1505772	0.15	0.017	0	0	flanking_5UTR
4	KRT18P51	145498287	rs17766287	0.283	0.017	0.211	0.211	flanking_5UTR
4	KRT18P51	145502229	rs2657799	0.229	0.085	0.352	0.111	flanking_5UTR
4	KRT18P51	145505813	rs4240362	0.283	0.017			flanking_5UTR
4	KRT18P51	145512489	rs970022	0.433	0.45	0.478	0.478	flanking_5UTR
4	KRT18P51	145521605	rs1394998	0.283				flanking_5UTR
4	KRT18P51	145526629	rs6811667	0.283	0.008	0.267	0.311	flanking_5UTR
4	KRT18P51	145527749	rs1505766	0.283	0.117	0.2	0.2	flanking_5UTR
4	KRT18P51	145540456	rs7654571	0.164	0			flanking_5UTR
4	KRT18P51	145541272	rs12500355	0.298	0.071	0.202	0.207	flanking_5UTR
4	KRT18P51	145544980	rs1394999	0.442	0.092	0.466	0.5	flanking_5UTR
4	KRT18P51	145549252	rs4362772	0.433	0.271	0.463	0.5	flanking_5UTR
4	KRT18P51	145550078	rs13109426	0.433	0.067	0.467	0.5	flanking_5UTR
4	KRT18P51	145553059	rs17019336	0.217	0	0.267	0.3	flanking_5UTR
4	KRT18P51	145553233	rs17019340	0.283	0.017	0.2	0.2	flanking_5UTR
4	KRT18P51	145555922	rs4290852	0.283	0.017	0.205	0.2	flanking_5UTR
4	KRT18P51	145567430	rs12512146	0.424	0.267	0.5	0.456	flanking_5UTR
4	KRT18P51	145567548	rs12499537	0.292	0.186	0.239	0.233	flanking_5UTR
4	KRT18P51	145574424	rs2719342	0.025	0	0	0	flanking_5UTR
4	KRT18P51	145585950	rs12499685	0.271	0.017	0.273	0.311	flanking_5UTR
4	KRT18P51	145586427	rs17019354	0.275	0.008	0.267	0.311	flanking_5UTR
4	KRT18P51	145590886	rs13142439	0.292	0.017	0.256	0.311	flanking_5UTR
4	KRT18P51	145591698	rs12510916	0.234				flanking_5UTR
4	KRT18P51	145594210	rs6828795	0.292	0.017	0.267	0.314	flanking_5UTR
4	KRT18P51	145600252	rs1505770	0.391	0.027			flanking_5UTR
4	KRT18P51	145608284	rs2130499	0.382	0.025	0.287	0.31	flanking_5UTR
4	KRT18P51	145629602	rs11100859	0.325	0.308	0.455	0.378	flanking_5UTR
4	KRT18P51	145629927	rs13142879	0.392	0.025	0.284	0.322	flanking_5UTR
4	KRT18P51	145634011	rs6825094	0	0.258	0	0	flanking_5UTR
4	KRT18P51	145643418	rs973796	0.392	0.025	0.284	0.289	flanking_5UTR
4	KRT18P51	145653025	rs7678427	0.392	0.033	0.278	0.284	flanking_5UTR
4	KRT18P51	145654034	rs1032295	0.449	0.067	0.233	0.216	flanking_5UTR
4	KRT18P51	145654138	rs1032296	0.433	0.083	0.284	0.411	flanking_5UTR
4	KRT18P51	145654194	rs1032297	0.429	0.043	0.279	0.286	flanking_5UTR
4	KRT18P51	145654351	rs1512281	0.4792	0.1739		0.413	flanking_5UTR
4	KRT18P51	145655774	rs12504628	0.43	0.074	0.278	0.298	flanking_5UTR
4	KRT18P51	145656344	rs7697189	0.402	0.061	0.262	0.286	flanking_5UTR
4	KRT18P51	145656464	rs7681384	0.441	0.292	0.3	0.411	flanking_5UTR
4	KRT18P51	145658477	rs4835637	0.458	0.125	0.295	0.411	flanking_5UTR
4	KRT18P51	145659738	rs6829956	0.463	0.149	0.3	0.407	flanking_5UTR
4	KRT18P51	145662820	rs11938704	0.133	0.373	0.42	0.3	flanking_5UTR
4	KRT18P51	145670409	rs1512285	0.45	0.15	0.3	0.4	flanking_5UTR
4	KRT18P51	145671839	rs6821114					flanking_5UTR
4	KRT18P51	145672233	rs6845536	0.45	0.317	0.295	0.4	flanking_5UTR
4	KRT18P51	145676591	rs7692102	0.3958	0.2174		0.4167	flanking_5UTR
4	KRT18P51	145676812	rs7673263	0	0.067	0	0	flanking_5UTR
4	KRT18P51	145679680	rs13147758	0.425	0.008	0.289	0.289	flanking_5UTR
4	KRT18P51	145679788	rs13148031	0.425	0.05	0.289	0.3	flanking_5UTR
4	KRT18P51	145681318	rs7689654	0	0.092	0	0	flanking_5UTR
4	KRT18P51	145681814	rs720484	0.425	0.483	0.295	0.289	flanking_5UTR
4	KRT18P51	145682681	rs6828540	0.425	0.39	0.289	0.289	flanking_5UTR
4	KRT18P51	145684335	rs2130339	0.425	0.432	0.289	0.289	flanking_5UTR
4	KRT18P51	145689418	rs6537292	0.433	0.008	0.295	0.3	intron
4	KRT18P51	145690918	rs10028899	0.05	0.142	0.144	0.133	intron
4	KRT18P51	145693923	rs1489759	0.432	0.424	0.31	0.291	intron
4	KRT18P51	145697651	rs995758	0.389	0.075	0.232	0.274	intron
4	KRT18P51	145698112	rs12509311	0.405	0.009	0.263	0.263	intron
4	KRT18P51	145698227	rs4834988	0.433	0.183	0.284	0.389	intron
4	KRT18P51	145698589	rs11100860	0.433	0.45	0.289	0.3	intron
4	KRT18P51	145700230	rs1828591	0.441	0.45	0.295	0.3	intron

4	KRT18P51	145704088	rs12510044	0.422			0.279	0.372	intron
4	KRT18P51	145705188	rs1980057	0.433	0.008	0.295	0.3	intron
4	KRT18P51	145705365	rs7655625	0.433	0.35	0.289	0.295	intron
4	KRT18P51	145705839	rs13118928	0.431	0.07	0.274	0.291	intron
4	KRT18P51	145707384	rs6537296	0.426	0.26			intron
4		145707405	rs17019486					
4	KRT18P51	145708715	rs6828255	0	0.246	0	0	intron
4	KRT18P51	145710731	rs1512288	0.433	0.458	0.291	0.3	intron
4	KRT18P51	145711453	rs6817273	0.441	0.058	0.289	0.3	intron
4	KRT18P51	145716391	rs2175586	0.05	0	0	0	flanking_3UTR
4	KRT18P51	145718654	rs17019499	0.061	0.05	0.322	0.178	flanking_3UTR
4	KRT18P51	145721479	rs6537297	0.425	0.183	0.284	0.389	flanking_3UTR
4	KRT18P51	145725088	rs10013495	0.14	0.317	0.466	0.3	flanking_3UTR
4	KRT18P51	145725906	rs13141641	0.436	0.027	0.314	0.293	flanking_3UTR
4	KRT18P51	145726008	rs6852830	0.133	0.308	0.386	0.3	flanking_3UTR
4	KRT18P51	145730644	rs1996020	0.133				flanking_3UTR
4	LOC646576	145781907	rs1398244	0.408	0.217	0.136	0.144	flanking_3UTR
4	LOC646576	145784566	rs7680661					intron
4	HHIP	145787802	rs7689420	0.192	0.3	0.443	0.411	intron
4	HHIP	145793689	rs1489758	0.3864	0.1522		0.25	intron
4	HHIP	145794294	rs1812175	0.192	0.3	0.433	0.411	intron
4	HHIP	145800509	rs2307057	0	0	0.034	0.044	intron
4	HHIP	145806350	rs982902					intron
4	HHIP	145824475	rs2575580	0.133	0.017	0	0.011	intron
4	HHIP	145824525	rs6537309	0.475	0.367	0.442	0.455	intron
4	HHIP	145833785	rs6850355	0	0.069	0	0	intron
4	HHIP	145845546	rs6812389	0.483	0.017	0.122	0.278	intron
4	HHIP	145871113	rs6857302	0.442	0.407	0.5	0.407	intron
4	NR3C2	149352206	rs6535594	0.492	0.483	0.2	0.244	intron
4	LOC729558	151714781	rs991529	0.492	0.127	0.489	0.411	flanking_5UTR
4	GUCY1A3	156734329	rs1466515	0.108	0.292	0.456	0.311	flanking_5UTR
4	FSTL5	163488898	rs10517766	0.233	0.375	0.318	0.411	flanking_5UTR
4	TLL1	167319400	rs4691248	0.483	0.5	0.42	0.322	flanking_3UTR
4	TLL1	167326473	rs949794	0.483	0.333	0.453	0.333	flanking_3UTR
4	LOC391719	179613846	rs2614559	0.442	0.292	0.193	0.144	flanking_3UTR
5	LOC729360	5968186	rs13182748	0.147	0.019	0.422	0.466	flanking_5UTR
5	LOC729360	5969224	rs13188105	0.183	0.042	0.489	0.378	flanking_5UTR
5	LOC729360	5971529	rs1542892	0.19	0.025	0.463	0.487	flanking_5UTR
5	LOC729360	5974133	rs9687386		0.1			flanking_5UTR
5	LOC729360	5975597	rs10462810	0.142	0.117	0.433	0.467	flanking_5UTR
5	LOC729360	5979188	rs1150467	0.142	0.117			flanking_5UTR
5	LOC729360	5981980	rs1388765	0.142	0.034	0.42	0.467	flanking_5UTR
5	LOC729360	5983756	rs12653639	0.144	0.034	0.433	0.489	flanking_5UTR
5	LOC729434	6918248	rs275500	0.142	0.417	0.352	0.344	flanking_3UTR
5	ADCY2	7480289	rs7710510	0.245	0.339	0.489	0.432	intron
5	DNAH5	14040103	rs1031006	0.383	0.475	0.284	0.311	flanking_5UTR
5	ANKH	15067182	rs7341022	0.217	0.458	0.289	0.289	flanking_5UTR
5	ANKH	15071537	rs9686327	0.212	0.373	0.268	0.25	flanking_5UTR
5	ANKH	15075112	rs7727670	0.208	0.108	0.372	0.364	flanking_5UTR
5	ANKH	15097842	rs30539	0.242	0.4762		0.25	flanking_5UTR
5	ANKH	15107802	rs1080879	0.208	0.305	0.111	0.167	flanking_5UTR
5	ANKH	15140791	rs32466	0.208	0.283	0	0	flanking_5UTR
5	ANKH	15170438	rs32447	0.417	0.067	0.267	0.311	flanking_5UTR
5	LOC730002	40464949	rs6880934	0.492	0.483	0.2	0.289	flanking_5UTR
5	CCL28	43456847	rs4438885	0.008	0.242	0.068	0.122	flanking_5UTR
5	CCL28	43458237	rs13160431	0.008	0	0.067	0.111	flanking_5UTR
5	CCL28	43462066	rs6889653	0.008	0.233	0.068	0.136	flanking_5UTR
5	CCL28	43462224	rs6890108	0.008	0.142	0.068	0.122	flanking_5UTR
5	C5orf28	43465132	rs12657724	0.008	0	0.068	0.156	flanking_3UTR
5	C5orf28	43473667	rs12657635	0.008	0	0.068	0.156	flanking_3UTR
5	C5orf28	43481775	rs13155888	0.008	0		0.156	3UTR
5	PIK3R1	67561331	rs10515070	0.25	0.442	0.239	0.2	intron

5	COX7C	86034416	rs254756	0.458	0.167	0.443	0.489	flanking_3UTR
5	LOC133789	90937093	rs17641623	0.492	0.075		0.489	flanking_3UTR
5	LOC133789	90945330	rs7703346	0.492	0.075	0.455	0.489	flanking_3UTR
5	LOC133789	90965179	rs2202509	0.483	0.208		0.489	flanking_3UTR
5	LOC441097	95608250	rs4077816	0.441	0.092	0.352	0.244	flanking_3UTR
5	LOC345571	105472767	rs11741821	0.018	0.28	0	0.036	flanking_3UTR
5	LOC345571	105503234	rs10079780	0.017	0.3	0	0.033	flanking_3UTR
5	LOC345571	105548751	rs4327580	0.017	0.383	0	0.022	flanking_3UTR
5	FBXL17	107348129	rs10793832	0.2083	0.0652		0.1042	intron
5	FER	108062846	rs9326745	0.267	0.358	0.286	0.333	flanking_5UTR
5	YTHDC2	112841465	rs182988	0.167	0.183	0.068	0.011	flanking_5UTR
5	CCDC112	114719100	rs10519405	0.375	0.058	0.273	0.322	flanking_5UTR
5	FLJ90650	115349647	rs1366199	0.158	0.466	0.311	0.311	intron
5	LOC728342	117442249	rs2900115	0.117	0.025		0	flanking_3UTR
5	LOC391825	120737522	rs246211	0.442	0.433	0.239	0.278	flanking_3UTR
5	LOC644659	124573447	rs1439569	0.483	0.392		0.078	flanking_5UTR
5	LOC644659	124573631	rs1439568	0.475	0.392	0.089	0.067	flanking_5UTR
5	H2AFY	134671015	rs2603014	0.317	0.308	0.111	0.133	flanking_3UTR
5	TRPC7	135711634	rs2546657	0.4	0.267		0.256	intron
5	TRPC7	135717335	rs2673931	0.407	0.276		0.261	intron
5	TRPC7	135725523	rs2673926	0.283	0.383		0.4	flanking_5UTR
5	TRPC7	135733573	rs2673925	0.283	0.392	0.433	0.4	flanking_5UTR
5	TRPC7	135734750	rs2649696	0.283	0.383		0.4	flanking_5UTR
5	TRPC7	135749346	rs2673913	0.283		0.422	0.4	flanking_5UTR
5	SH3RF2	145406441	rs9325002	0.35	0		0.4167	intron
5	STK32A	146600275	rs891898	0.45	0.35	0.256	0.256	intron
5	HTR4	147822546	rs11168048	0.381	0.183			intron
5	HTR4	147824585	rs7735184	0.367	0.183		0.267	intron
5	HTR4	147826008	rs3995090	0.358	0.217	0.278	0.256	intron
5	ADRB2	148180746	rs2082382	0.467	0	0	0.011	flanking_5UTR
5	ADRB2	148180793	rs2082395					flanking_5UTR
5	ADRB2	148181448	rs11168066					flanking_5UTR
5	ADRB2	148181509	rs11959615					flanking_5UTR
5	ADRB2	148186666	rs1042714	0.467	0.175	0.08	0.122	coding
5	ADRB2	148186839	rs1042717	0.1957	0.413		0.3125	coding
5	ADRB2	148193275	rs3857420	0.2	0.5	0.433	0.489	flanking_3UTR
5	NMUR2	152003904	rs4501329	0	0.258	0	0	flanking_5UTR
5	NMUR2	152004950	rs6579952	0.375	0.417	0.089	0.044	flanking_5UTR
5	NMUR2	152022066	rs4615288	0	0.058	0	0	flanking_5UTR
5	NMUR2	152022221	rs7707955	0.325	0.442	0.227	0.189	flanking_5UTR
5	NMUR2	152023408	rs6877248	0.1	0.258	0.211	0.156	flanking_5UTR
5	NMUR2	152030753	rs2974548	0.042	0.033	0.122	0.178	flanking_5UTR
5	NMUR2	152034374	rs17565170	0.308	0.1	0.011	0	flanking_5UTR
5	NMUR2	152034776	rs12517065	0.333	0.433	0.233	0.189	flanking_5UTR
5	NMUR2	152034983	rs2974552	0.053	0.034	0.178	0.211	flanking_5UTR
5	NMUR2	152036290	rs11750746	0.2	0.017	0.478	0.444	flanking_5UTR
5	NMUR2	152036427	rs17565365	0.217	0	0.022	0.022	flanking_5UTR
5	NMUR2	152036927	rs7701379	0.117	0.425	0.211	0.167	flanking_5UTR
5	NMUR2	152037685	rs2974554	0.059	0.267	0.057	0.044	flanking_5UTR
5	NMUR2	152039541	rs2964254	0.258	0.183	0.311	0.244	flanking_5UTR
5	NMUR2	152042770	rs4629587	0.342	0.093	0.012	0	flanking_5UTR
5	NMUR2	152045518	rs17113605	0.103	0.142	0.189	0.156	flanking_5UTR
5	GRIA1	152795475	rs7721208	0.408	0.45	0.057	0.078	flanking_5UTR
5	ICHTHYIN	156831268	rs6860507	0.483	0.442	0.302	0.321	coding
5	ICHTHYIN	156831545	rs6879450	0.3542	0.2391		0.25	intron
5	ICHTHYIN	156832447	rs4704870	0.058	0	0	0	coding
5	ICHTHYIN	156832625	rs9313608	0.067	0.058	0	0	3UTR
5	ADAM19	156836868	rs11466826	0	0.05	0	0	flanking_3UTR
5	ADAM19	156837211	rs10404	0.25	0.25	0.311	0.337	3UTR
5	ADAM19	156837359	rs949799	0				3UTR
5	ADAM19	156837906	rs11466824	0.0263				3UTR
5	ADAM19	156838266	rs11466819	0				3UTR

5	ADAM19	156839397	rs6895849	0.042	0.167	0	0	3UTR
5	ADAM19	156839564	rs3822585	0.5	0.432	0.307	0.311	3UTR
5	ADAM19	156840355	rs11466812	0				3UTR
5	ADAM19	156840822	rs6861910	0	0.052	0	0	intron
5	ADAM19	156847666	rs10475585	0.259	0.325	0.3	0..3110	intron
5	ADAM19	156849918	rs10067096	0.258	0.195	0.011	0	coding
5	ADAM19	156850959	rs11466793	0	0.083	0	0	intron
5	ADAM19	156851428	rs2287749	0.192	0.051	0.011	0	coding
5	ADAM19	156853334	rs1990950	0.442	0.292	0.295	0.333	intron
5	ADAM19	156854533	rs11466782	0.052	0.045	0.128	0.182	intron
5	ADAM19	156859112	rs11466776	0.095	0.042	0.012	0.012	intron
5	ADAM19	156864954	rs2277027	0.308	0.333	0.111	0.178	intron
5	ADAM19	156868942	rs1422795	0.308	0.333	0.114	0.178	coding
5	ADAM19	156869127	rs1422794	0.45	0.083	0.1	0.067	intron
5	ADAM19	156869307	rs11134778	0.125	0	0.011	0.033	intron
5	ADAM19	156870548	rs7725846	0.471	0.167	0.09	0.062	intron
5	ADAM19	156872063	rs17601035	0.092	0	0	0.011	intron
5	ADAM19	156873451	rs17659250	0.241	0.202	0.211	0.25	intron
5	ADAM19	156877053	rs4331881	0.25	0.3696		0.1042	intron
5	ADAM19	156877249	rs4368711	0.233	0.475			intron
5	ADAM19	156878627	rs2042247	0.475	0.2	0.227	0.244	intron
5	ADAM19	156881013	rs13179607	0.042	0.042	0.1	0.133	intron
5	ADAM19	156885918	rs11742401	0.175	0.483	0.1	0.133	intron
5	ADAM19	156888384	rs9313633	0.15	0.108	0.033	0.033	intron
5	ADAM19	156890362	rs3734032	0.1522	0.1087		0.0208	intron
5	ADAM19	156890705	rs11465283	0.132	0	0.022	0.033	intron
5	ADAM19	156890868	rs11134799	0.167	0.042	0.011	0	intron
5	ADAM19	156893159	rs13353878	0.119	0.186	0	0	intron
5	ADAM19	156894647	rs10077652		0.356	0.186	0.212	intron
5	ADAM19	156894722	rs6866363	0.5	0.164	0.205	0.231	intron
5	ADAM19	156894979	rs17054692	0.058	0.025	0.078	0.1	intron
5	ADAM19	156895588	rs10078120	0.025	0.058	0.044	0.057	intron
5	ADAM19	156897172	rs9313634	0.464	0.147	0.233	0.225	intron
5	ADAM19	156897522	rs11134804	0	0.133	0	0	coding
5	ADAM19	156898803	rs17054697	0.117	0.271	0	0	intron
5	ADAM19	156899173	rs6875485	0.117	0.275	0	0	intron
5	ADAM19	156905866	rs17054709	0.075	0.034	0.3	0.244	intron
5	ADAM19	156907594	rs6896064	0.164	0.183	0.102	0.125	intron
5	ADAM19	156909971	rs11748149	0.158	0.017	0	0	intron
5	ADAM19	156914491	rs4461616	0.283	0.192	0.3	0.244	intron
5	ADAM19	156921698	rs17054724	0.068	0.025	0.171	0.143	intron
5	ADAM19	156922335	rs7725069	0.317	0.457	0.044	0.067	intron
5	ADAM19	156922535	rs7724199	0.195	0.071	0.044	0.067	intron
5	ADAM19	156924086	rs11134819	0.092	0.431	0	0	intron
5	ADAM19	156924299	rs12518544	0	0.093	0	0.011	intron
5	ADAM19	156929336	rs7707786	0.108	0.458	0	0	intron
5	CCNG1	162538010	rs10515849	0.433	0.025	0.273	0.189	flanking_5UTR
5	FGF18	170969416	rs29620	0.475	0.183	0.239	0.311	flanking_3UTR
6	GMDS	1729095	rs6919059	0.35	0.5	0.3	0.289	intron
6	C6orf146	4020135	rs592953	0.133	0.325	0.284	0.341	intron
6	F13A1	6264534	rs3024471	0.067	0	0	0	intron
6	LOC389365	9448764	rs1570909	0.108	0	0.295	0.344	flanking_3UTR
6	LOC442160	10377050	rs6940110	0.433	0.35	0.133	0.189	flanking_5UTR
6	DTNBP1	15800006	rs10484353	0.5	0.161	0.182	0.278	flanking_5UTR
6	ATXN1	16703927	rs236932	0.25	0.358	0.478	0.333	intron
6	FLJ23152	17145237	rs1475080	0.388	0.35	0.314	0.279	flanking_5UTR
6	CDKAL1	21028102	rs4712564	0.242	0.017	0.322	0.289	intron
6	CDKAL1	21048740	rs9350301	0.209	0.058	0.307	0.311	intron
6	CDKAL1	21063311	rs7775523	0.325	0.092	0.3	0.3	intron
6	LOC729167	22102723	rs9350404	0.447	0.078	0.195	0.136	flanking_5UTR
6	LOC729167	22105905	rs2078482	0.483	0.102	0.089	0.044	flanking_5UTR
6	LTA	31650287	rs1799964	0.2495	0.1955			flanking_3UTR

6	LTA	31650455	rs1800630	0.2095	0.021			flanking_3UTR
6	TNF	31651010	rs1800629	0.1665	0.0835			flanking_5UTR
6	TNF	31651080	rs361525	0.0335	0.146			flanking_5UTR
6	TNF	31651584	rs2228088					coding
6	TNF	31652168	rs3093662	0.071	0.058		0.044	intron
6	LTB	31657535	rs3093553	0.087	0.1304			intron
6	LST1	31662361	rs9368696	0	0.009			intron
6	LST1	31663371	rs2256974	0.15	0.407		0.378	intron
6	LST1	31664184	rs28732144					intron
6	LST1	31664560	rs1052248	0.258	0.2	0.267	0.256	3UTR
6	NCR3	31664688	rs986475	0.036	0.033		0.211	3UTR
6	NCR3	31664907	rs3179003					coding
6	NCR3	31665619	rs11575840	0.0435	0.0217		0.0217	coding
6	NCR3	31665770	rs11575839	0.017	0.05	0.011	0.056	coding
6	NCR3	31671219	rs3132452					flanking_5UTR
6	NCR3	31672146	rs2515919					flanking_5UTR
6	NCR3	31672707	rs2736189	0.1875	0.0217		0.125	flanking_5UTR
6	NCR3	31672800	rs2844480	0.225	0.117	0.1	0.144	flanking_5UTR
6	NCR3	31674183	rs2509217	0.025	0		0.067	flanking_5UTR
6	NCR3	31675401	rs2857596		0.202		0.093	flanking_5UTR
6	NCR3	31676448	rs2857595	0.208	0.412	0.477	0.467	flanking_5UTR
6	CDKN1A	36759949	rs1801270	0.025	0.322	0.364	0.456	coding
6	DAAM2	39892343	rs2395730	0.433	0.308	0.273	0.375	intron
6	CDC5L	44511878	rs525043	0.175	0.492	0.33	0.3	intron
6	KHDRBS2	62736277	rs10484623	0.267	0.492	0.133	0.089	intron
6		72357255	rs12193019	0.2	0.2	0.337	0.244	
6	KRT19P1	72393738	rs10942957	0.167	0.008	0.163	0.17	flanking_3UTR
6	KRT19P1	72403193	rs1575208	0.183	0.017	0.159	0.156	flanking_3UTR
6	KIAA1009	85034752	rs1535822	0.35	0.133	0.307	0.233	flanking_5UTR
6	EPHA7	93729210	rs2506960	0.017	0.4565	0.273	0.233	flanking_3UTR
6	GRIK2	102328365	rs7754022	0.058	0.258	0.43	0.398	intron
6	LOC728614	114907629	rs1359318	0.333	0.408	0.273	0.2	flanking_5UTR
6	LOC728614	115495665	rs1431807	0.271	0.375	0.352	0.233	flanking_5UTR
6	FRK	116383432	rs3798244	0.275	0.067	0.42	0.378	intron
6	NT5DC1	116675466	rs1052443	0.467	0.034	0.341	0.389	flanking_3UTR
6	TSPYL4	116678388	rs3749893	0.375	0.2727		0.3542	3UTR
6	TRDN	123724457	rs1971772	0.333	0.208	0.114	0.067	intron
6	C6orf174	127859320	rs4294028	0.125	0.425		0.4167	intron
6	LOC728986	131048136	rs1933761	0.314	0.317	0.318	0.456	flanking_3UTR
6	STX7	132872637	rs9493341					intron
6	LOC645440	139908615	rs9321726	0.183	0.467	0.389	0.4	flanking_3UTR
6	GPR126	142712555	rs7774095	0.258	0.431		0.337	intron
6	GPR126	142733242	rs11155242	0.2	0.242	0.068	0.133	coding
6	GPR126	142742851	rs6909857	0.267	0.322		0.386	intron
6	GPR126	142745362	rs1040525	0.25	0.317	0.398	0.386	intron
6	GPR126	142745570	rs4896582	0.267	0		0.333	intron
6	GPR126	142748826	rs6937121	0.263	0.025	0.398	0.389	intron
6	GPR126	142755535	rs6570508	0.283	0.008	0.227	0.333	intron
6	GPR126	142757979	rs6570509	0.258	0.314	0.398	0.386	intron
6	GPR126	142775897	rs962554	0.275	0.356	0.341	0.4	intron
6	GPR126	142777509	rs1040526	0.267	0.35		0.4	intron
6	GPR126	142779197	rs2294764	0.267	0.375		0.384	intron
6	GPR126	142787576	rs7753012	0.297	0.008	0.239	0.333	intron
6	GPR126	142792085	rs7755109	0.3043	0.3182		0.2917	intron
6	GPR126	142792209	rs3817928	0.2	0.216	0.068	0.133	intron
6	GPR126	142794288	rs1360194	0.263	0.35	0.325	0.386	intron
6	GPR126	142795031	rs1329705	0.175	0.217		0.133	intron
6	GPR126	142799061	rs6570511	0.192	0.25		0.144	intron
6	GPR126	142808040	rs2294775	0.203	0.22	0.07	0.144	3UTR
6	GPR126	142809326	rs3748069	0.271	0.383	0.341	0.4	flanking_3UTR
6	GPR126	142811079	rs6906468	0.2	0.217		0.144	flanking_3UTR
6	GPR126	142818722	rs7776356	0.203	0.2	0.068	0.144	flanking_3UTR

6	GPR126	142818757	rs7776375	0.296	0.362		0.439	flanking_3UTR
6	GPR126	142820802	rs1928528	0.203			0.144	flanking_3UTR
6	GPR126	142821578	rs9373347	0.193			0.167	flanking_3UTR
6	GPR126	142826894	rs12664563	0.2	0	0.068	0.144	flanking_3UTR
6	GPR126	142838982	rs7763064	0.254	0.392	0.318	0.356	flanking_3UTR
6	GPR126	142859100	rs262115	0.297	0.008		0.341	flanking_3UTR
6	GPR126	142859911	rs262114	0.25	0.367	0.33	0.356	flanking_3UTR
6	GPR126	142881191	rs262121	0.254	0.083	0.33	0.356	flanking_3UTR
6	GPR126	142884486	rs262119	0.258	0.078		0.2708	flanking_3UTR
6	GPR126	142888258	rs155259	0.259	0.373		0.356	flanking_3UTR
6	GPR126	142894837	rs262129	0.258	0.034	0.33	0.367	flanking_3UTR
6	GPR126	142905581	rs263179	0.272	0.405		0.356	flanking_3UTR
6	GPR126	142906799	rs263178	0.25	0.362	0.318	0.356	flanking_3UTR
6	GPR126	142908080	rs611802	0.258	0.395		0.367	flanking_3UTR
6	SAMD5	147967443	rs10484689	0.442	0.358	0.389	0.344	flanking_3UTR
6	SASH1	148479333	rs6921590	0.275	0.4	0.389	0.344	flanking_5UTR
6	PLEKHG1	150897557	rs12195563	0.308	0.375	0.044	0.067	flanking_5UTR
6	PLEKHG1	150898463	rs13208542	0.2917	0.4773		0.0625	flanking_5UTR
6	PLEKHG1	150900625	rs12195029	0.2917	0.4773		0.0625	flanking_5UTR
6	MTHFD1L	151352748	rs491552	0.333	0.233	0.33	0.378	intron
6	SYNE1	152756139	rs20585	0.35	0.425	0.261	0.278	intron
6	TIAM2	155592913	rs6930662	0.325	0.3636	0.444	0.4	intron
6	PRR18	166591327	rs9459625	0.331	0.217	0.31	0.159	flanking_3UTR
6	FGFR1OP	167370161	rs162293	0.333	0.078	0.455	0.411	intron
6	THBS2	169306799	rs2095019	0.2083	0.2727		0.2917	flanking_3UTR
7	SDK1	3202422	rs6972823	0.425	0.158	0.278	0.367	flanking_5UTR
7	LOC646161	13640704	rs10269275					flanking_5UTR
7	LOC646161	13640880	rs10279512		0.283	0.364	0.25	flanking_5UTR
7	ABCB5	20758632	rs2528800	0.364	0.432	0.136	0.307	intron
7	IL6	22732771	rs1800796	0.05	0.021			flanking_5UTR
7	IL6	22733662	rs2069830	0	0.0417			coding
7	IL6	22733958	rs2069832	0.475	0.0208			intron
7	IL6	22734396	rs2069835	0	0.0435		0	intron
7	IL6	22734552	rs2069837	0.067	0.158	0.056	0.2	intron
7	IL6	22734774	rs2066992	0	0.087		0.375	intron
7	IL6	22735004	rs2069838	0	0.067	0	0	intron
7	IL6	22735097	rs2069840	0.375	0.1739		0.0417	intron
7	IL6	22735232	rs1554606	0.458	0.267	0	0	intron
7	IL6	22735835	rs2069842	0	0.042			intron
7	IL6	22736298	rs1548216	0	0.217	0	0	intron
7	IL6	22737564	rs13306435	0	0			coding
7	IL6	22737681	rs2069849	0.0625	0.1957		0	coding
7	IL6	22738785	rs2069852	0.017	0.058	0.167	0.267	flanking_3UTR
7	TOMM7	22790431	rs1524100	0.35	0.133	0.056	0.044	flanking_3UTR
7	TOMM7	22793726	rs10251555	0.224	0.385	0.28	0.25	flanking_3UTR
7	TOMM7	22794725	rs12536091	0.167	0.017	0	0	flanking_3UTR
7	TOMM7	22796486	rs10807813	0.224	0.079	0.463	0.453	flanking_3UTR
7	TOMM7	22796532	rs7810218	0.417	0.178	0.423	0.463	flanking_3UTR
7	TOMM7	22799595	rs4722187	0.35	0.375	0.111	0.2	flanking_3UTR
7	TOMM7	22799925	rs12673996					flanking_3UTR
7	TOMM7	22808844	rs10262258	0.425	0.314	0.295	0.278	flanking_3UTR
7	TOMM7	22816858	rs1029741	0.325	0.075	0.159	0.256	flanking_3UTR
7	TOMM7	22817426	rs6958053					flanking_3UTR
7	TOMM7	22819037	rs2240727					3UTR
7	TOMM7	22824002	rs2286499					intron
7	TOMM7	22828992	rs2270105					flanking_5UTR
7	TOMM7	22829151	rs2270104	0.092	0.05			flanking_5UTR
7	TRA2A	23530142	rs2390789	0.425	0.3	0.216	0.122	intron
7	NPY	24320032	rs16077	0.276	0.483	0.345	0.489	flanking_3UTR
7	LOC646588	25731772	rs10486412	0.208	0.35	0.341	0.233	flanking_5UTR
7	PLEKHA8	30078087	rs995043	0.025	0.008		0.056	intron
7	PLEKHA8	30089670	rs17158618	0.025	0.008		0.056	intron

7	PLEKHA8	30097689	rs17158623	0	0		0.0417	flanking_3UTR
7	C7orf41	30125304	rs17158629	0	0		0.0417	flanking_5UTR
7	C7orf41	30127948	rs17158631	0.025	0.017		0.056	flanking_5UTR
7	PDE1C	31916288	rs13223209	0.175	0.367		0.244	intron
7	PDE1C	31918138	rs1160758	0.158				intron
7	PDE1C	31990756	rs998413	0.133	0.117	0.011	0	intron
7	PDE1C	31993813	rs17160742	0.133	0.347		0	intron
7	PDE1C	31994550	rs995267	0.133	0.292		0	intron
7	LOC442525	32303490	rs215605	0.375	0.233	0.3	0.3	flanking_5UTR
7	LOC442525	32313860	rs215614	0.373	0.367		0.33	flanking_5UTR
7	LOC442525	32362822	rs7777166	0.308	0.175		0.433	flanking_5UTR
7	AAA1	34501491	rs7458608	0.417	0.092	0.261	0.444	intron
7	GLI3	42469582	rs6943150	0.233	0.442	0.239	0.222	flanking_5UTR
7	LOC728406	56695337	rs1962061	0.417	0.025	0.209	0.378	intron
7	AUTS2	68921413	rs17457848	0.133	0.025		0.1	intron
7	AUTS2	68937354	rs6460531	0.136	0.025		0.1	intron
7	AUTS2	68950443	rs17458533	0.133	0.025		0.1	intron
7	AUTS2	68965752	rs17361399	0.133	0.025		0.1	intron
7	AUTS2	68967414	rs17361448	0.133	0.025		0.1	intron
7	AUTS2	68990553	rs7790458	0.133	0.025	0.159	0.1	intron
7	AUTS2	69008880	rs17459271	0.138	0		0.087	intron
7	AUTS2	69021701	rs17459369	0.133	0.05		0.1	intron
7	AUTS2	69040697	rs17459722	0.133	0.025		0.1	intron
7	AUTS2	69045030	rs17362481	0.127	0.025		0.111	intron
7	AUTS2	69068275	rs17362817	0.119	0.025		0.1	intron
7	AUTS2	69083754	rs6975213	0.144	0.042		0.1	intron
7	AUTS2	69125203	rs17364237	0.133	0.025		0.1	intron
7	HIP1	75010206	rs1167794	0.184	0.042	0	0	coding
7	HIP1	75011071	rs1167795	0.4	0.314	0.356	0.311	intron
7	HIP1	75011116	rs1167796	0.475	0.008	0.356	0.311	intron
7	HIP1	75013860	rs1167798	0.186	0.033	0	0.011	intron
7	HIP1	75014236	rs1167801	0.183	0.033	0	0.011	coding
7	HIP1	75014321	rs1167802	0.224	0.083	0.398	0.344	intron
7	HIP1	75016472	rs10230391	0	0.068	0.011	0	intron
7	HIP1	75017478	rs12532457	0	0.008	0	0	intron
7	HIP1	75017779	rs10237831			0	0	intron
7	HIP1	75017969	rs12535096	0.033	0.033	0.453	0.326	intron
7	HIP1	75018280	rs6964720	0.1	0.042	0.136	0.2	intron
7	HIP1	75019581	rs12535903	0.058	0	0	0	intron
7	HIP1	75023921	rs794368					intron
7	HIP1	75027407	rs6962352	0.392	0.415	0.465	0.467	intron
7	HIP1	75034467	rs794356	0.458	0.093	0.411	0.341	intron
7	HIP1	75034684	rs6960211	0	0.017	0	0	intron
7	HIP1	75035454	rs17149023	0	0.05	0	0	coding
7	HIP1	75035712	rs794355	0.083	0.092	0.375	0.278	intron
7	LOC729585	80437078	rs1358503	0.467	0.1739	0.167	0.211	flanking_3UTR
7	ASB4	95024886	rs7778478	0.433	0.342	0.25	0.144	flanking_3UTR
7	SERPINE1	100553323	rs6950982	0.225	0.025	0.144	0.089	flanking_5UTR
7	SERPINE1	100556258	rs2227631	0.4	0.225	0.442	0.333	flanking_5UTR
7	SERPINE1	100557337	rs2227636	0	0.083	0	0	intron
7	SERPINE1	100558443	rs6090	0.0208	0.1087		0.0417	coding
7	SERPINE1	100561996	rs2227669	0	0	0	0	coding
7	SERPINE1	100562406	rs2227672	0.102	0.017	0.089	0.193	intron
7	SERPINE1	100563759	rs2227685	0	0	0	0	coding
7	SERPINE1	100563987	rs2070682	0.483	0.458	0.443	0.367	intron
7	SERPINE1	100566044	rs2227693	0	0.125	0	0	intron
7	SERPINE1	100567566	rs2227695	0	0.076	0	0	3UTR
7	SERPINE1	100568335	rs1050813	0.2292	0.0435		0	3UTR
7	SERPINE1	100568629	rs2227714	0.0417	0		0	3UTR
7	SERPINE1	100569180	rs1050955	0.167	0.2	0.411	0.478	flanking_3UTR
7	RELN	102962680	rs1008126	0.267	0.433	0.227	0.211	intron
7	LOC730026	105965472	rs7798447	0.45	0.158	0.144	0.3	flanking_3UTR

7	PRKAR2B	106474152	rs997381	0.5	0.129	0.314	0.378	intron
7	LSM8	117492529	rs10487384	0.383	0.292	0.078	0.1	flanking_5UTR
7	GCC1	126919801	rs1018852	0.283	0.342	0.114	0.036	flanking_3UTR
7	SND1	127133172	rs698408	0.308	0.033	0.289	0.356	intron
7	SLC35B4	133647243	rs1619682	0.442	0.466	0.25	0.289	intron
7	CALD1	134124898	rs3823564	0.375	0.008	0.375	0.411	intron
7	TTC26	138467144	rs3813695	0.033	0.4615	0.318	0.389	flanking_5UTR
7	OR6B1	143351920	rs10487547	0.342	0.492	0.352	0.378	flanking_3UTR
7	TMEM176A	150130720	rs714885	0.375	0.275	0.239	0.244	intron
7	TMEM176A	150131388	rs741067	0.375	0.158	0.205	0.198	intron
7	TMEM176A	150132449	rs9088	0.373	0.158	0.205	0.189	coding
8	ASAH1	18031292	rs2898455	0.158	0.275	0.367	0.489	flanking_5UTR
8	NAT1	18194573	rs10503614	0.383	0.175		0.4792	flanking_3UTR
8	LOXL2	23266851	rs4455836	0.075		0.307	0.4	intron
8	LOC646909	29526866	rs6558132	0.425	0.342	0.267	0.25	flanking_5UTR
8	NRG1	32318764	rs7815985	0.35	0.325	0.466	0.322	flanking_5UTR
8	CHRNB3	42669139	rs13277254	0.1667	0.4348		0.125	flanking_5UTR
8	CHRNB3	42669655	rs6474412	0.188	0.325	0.159	0.221	flanking_5UTR
8	CHRNB3	42670221	rs6474413	0.1667	0.3261		0.125	flanking_5UTR
8	CHRNB3	42678743	rs13280604	0.175	0.175	0.148	0.2	intron
8	SNTG1	51575144	rs310558	0.15	0.45	0.125	0.211	intron
8	LOC729038	55408323	rs7812790	0.233	0.275		0.378	flanking_3UTR
8	LOC729038	55409655	rs16920077	0.233	0.483		0.378	flanking_3UTR
8	LOC729038	55411463	rs16920078	0.233	0.241		0.405	flanking_3UTR
8	LOC729038	55412867	rs1995535	0.225	0.242	0.443	0.378	flanking_3UTR
8	LOC729038	55414136	rs10958402	0.26	0.241		0.402	flanking_3UTR
8	XKR4	55963899	rs10453100	0.28	0.483			flanking_5UTR
8	XKR4	55976760	rs969183	0.275	0.483	0.125	0.133	flanking_5UTR
8	MSC	72886643	rs10108922	0.175	0.158	0.057	0.067	flanking_3UTR
8	HNRPA1P4	83850516	rs4541922	0.083	0.267	0.367	0.3	flanking_5UTR
8	TMEM64	91636222	rs4735224	0.358	0.417	0.341	0.378	flanking_3UTR
8	ZFPM2	106454871	rs979646	0.458	0.433	0.25	0.4	intron
8	LOC392262	111242982	rs2198044	0.271	0.408	0.443	0.311	flanking_5UTR
8	HASNT	122942561	rs9297656	0.367	0.458	0.141	0.071	flanking_3UTR
8	MTSS1	125662775	rs10505445	0.2	0.4091		0.4792	intron
8	DENND3	142168494	rs12545787	0.333	0.475	0.17	0.067	flanking_5UTR
9	VLDLR	2490687	rs10812133	0.225	0.075	0.452	0.456	flanking_5UTR
9	VLDLR	2621932	rs1551411	0.292	0.475	0.489	0.444	intron
9	C9orf123	7770854	rs7035746	0.017	0.108	0.167	0.067	flanking_3UTR
9	C9orf123	7774277	rs10976573	0.008	0.342	0.384	0.233	flanking_3UTR
9	C9orf123	7776145	rs7847568	0.008	0.117	0.337	0.178	flanking_3UTR
9	C9orf123	7777542	rs10976575	0.009	0.268	0.375	0.158	flanking_3UTR
9	FLJ41200	13554273	rs10491758	0.05	0.283	0.3	0.433	flanking_5UTR
9	KIAA1797	20748306	rs7851363	0.192	0.075	0.08	0.011	intron
9	IFNE1	21546881	rs4141713	0.283	0.375	0.022	0.044	flanking_5UTR
9	C9orf82	26496732	rs1854313	0.308	0.442	0.136	0.156	flanking_3UTR
9	LOC392301	31827334	rs10511887	0.283	0.05	0.318	0.211	flanking_3UTR
9	EXOSC3	37772708	rs13294227					intron
9	TRPM3	72348926	rs4744601	0.473	0.325	0.209	0.211	intron
9		72348947	rs4744602					
9	TRPM3	72353055	rs1336380	0.458	0.075	0.489	0.389	intron
9	TRPM3	72353420	rs10780946	0.475	0.325	0.211	0.2	intron
9	TRPM3	72354532	rs1889915	0.4583	0.3478		0.1875	intron
9	TRPM3	72355083	rs7025694	0.475	0.325	0.211	0.2	intron
9	TRPM3	72355453	rs7047645	0.467	0.308	0.367	0.267	intron
9	TRPM3	72363501	rs2309741	0.492	0.258	0.193	0.2	intron
9	TRPM3	72372819	rs10780948	0.45	0.208	0.5	0.422	intron
9	VPS13A	78959214	rs4142603	0.1875	0.017	0.356	0.389	flanking_5UTR
9	VPS13A	79125480	rs12380218	0.183	0		0.389	intron
9	GNA14	79364768	rs12343979	0.05	0.085	0.067	0.022	intron
9	PTPDC1	95861892	rs7045643	0.483	0.25		0.3125	intron
9	FANCC	96901258	rs9673	0.0208	0		0	3UTR

9	CYLC2	105020997	rs10521063	0.017	0.125	0.114	0.125	flanking_3UTR
9	EDG2	112904366	rs9299191	0.364	0.242	0.344	0.261	flanking_5UTR
9	TNFSF8	116709406	rs1322055	0.15	0.033	0.136	0.122	intron
9	TNFSF8	116710485	rs12337739	0.375	0.2609		0.4375	intron
9	TNFSF8	116714141	rs1555457	0.178	0.025	0.212	0.244	intron
9	TNFSF8	116715634	rs927373	0.4091	0.183	0.273	0.311	intron
9	TNFSF8	116718057	rs3789879	0.458	0.108	0.466	0.477	intron
9	TNFSF8	116719551	rs3789878	0.017	0	0.182	0.133	intron
9	TNFSF8	116729659	rs7854103	0.058	0.308	0	0	intron
9	TNFSF8	116731091	rs1006026	0.442	0.108	0.273	0.311	intron
9	TNFSF8	116731379	rs3181360	0.092	0.308	0.261	0.211	intron
9	TNFSF8	116732163	rs3181358	0	0.017	0	0	intron
9	TNFSF8	116732994	rs3181354	0.25	0.142	0.023	0.067	flanking_5UTR
9	TNFSF8	116733452	rs2075533					flanking_5UTR
9	TNFSF8	116733515	rs3181350	0.058	0.292	0	0	flanking_5UTR
9	TNFSF8	116737652	rs2181033	0.35	0.183	0.295	0.311	flanking_5UTR
9	TNFSF8	116739566	rs17292115	0.292	0.161	0.128	0.107	flanking_5UTR
9	TNFSF8	116739607	rs13288168	0.05	0	0.056	0.033	flanking_5UTR
9	TNFSF8	116740531	rs4979476	0.067	0			flanking_5UTR
9	TNFSF8	116741573	rs10759743	0.108	0.05	0.33	0.311	flanking_5UTR
9	TNFSF8	116743976	rs11791315	0.254	0.083	0.012	0.044	flanking_5UTR
9	TNFSF8	116747920	rs10817689	0.45	0.233	0.443	0.456	flanking_5UTR
9	TNFSF8	116751528	rs10982467	0.45	0.492	0.455	0.456	flanking_5UTR
9	TNFSF8	116754659	rs881172	0.45	0.233	0.443	0.455	flanking_5UTR
9	TNFSF8	116756341	rs6478121	0.45	0.198	0.444	0.456	flanking_5UTR
9	TNFSF8	116759067	rs979584	0.258	0.383	0.011	0.044	flanking_5UTR
9	TNFSF8	116759158	rs1322062	0	0.28	0	0	flanking_5UTR
9	TNFSF8	116759834	rs7026285	0	0.075	0	0	flanking_5UTR
9	TNFSF8	116760083	rs10817691	0.472	0.457	0.447	0.462	flanking_5UTR
9	TNFSF8	116762015	rs1265917	0.467	0.492	0.432	0.467	flanking_5UTR
9	DBH	135468176	rs3025343	0.123	0	0	0	flanking_5UTR
10	NET1	5497613	rs11253188	0.267	0.449	0.14	0.2	flanking_3UTR
10	NET1	5500991	rs9423618	0.258	0.25	0.133	0.205	flanking_3UTR
10	NET1	5509005	rs7099350	0.258	0.275	0.125	0.2	flanking_3UTR
10	CALML5	5510943	rs7074993	0.258	0.259	0.08	0.144	flanking_3UTR
10	KRT8P16	8500897	rs7088182	0.433	0.325	0.227	0.189	flanking_3UTR
10	LOC338591	8842314	rs10508367	0.2	0.458	0.289	0.233	flanking_3UTR
10	CDC123	12283489	rs1878798	0.431	0.466	0.455	0.267	intron
10	CDC123	12283827	rs10906097	0.433	0.4	0.466	0.278	intron
10	CDC123	12284085	rs10508438	0.4	0.225	0.356	0.389	intron
10	CDC123	12289230	rs12773913	0.483	0.246	0.409	0.209	intron
10	CDC123	12289295	rs12413792	0.483	0.25	0.407	0.216	intron
10	CDC123	12289451	rs12775830	0.483	0.25	0.411	0.222	intron
10	CDC123	12289803	rs4747968	0.465	0.161	0.411	0.222	intron
10	CDC123	12290626	rs7895525	0.322	0.474	0.432	0.337	intron
10	CDC123	12292223	rs2271804	0.433	0.15	0.409	0.233	intron
10	CDC123	12293603	rs12221133	0.308	0.212	0.4	0.333	intron
10	CDC123	12295181	rs7896600	0.308	0.208	0.4	0.333	intron
10	CDC123	12307660	rs4478891	0.467	0.367	0.432	0.311	intron
10	CDC123	12309406	rs11598305	0.325	0.017	0.33	0.178	intron
10	CDC123	12317998	rs7068966	0.425	0.15	0.42	0.233	intron
10	CDC123	12324398	rs11257613	0.422	0.353	0.41	0.226	intron
10	CDC123	12338200	rs11819728	0.466	0.203	0.403	0.226	flanking_3UTR
10	CDC123	12338450	rs11817797	0.475	0.208	0.411	0.216	flanking_3UTR
10	CDC123	12338601	rs11593214	0.475	0.175	0.422	0.239	flanking_3UTR
10	CDC123	12347969	rs11593567	0.483	0.147	0.449	0.257	flanking_3UTR
10	CAMK1D	12626943	rs17493316	0.275	0.067	0.422	0.261	intron
10	CAMK1D	12629156	rs7078960	0.3	0.217	0.478	0.267	intron
10	CUBN	17053673	rs1707284	0.15		0.352	0.289	intron
10	CUBN	17081479	rs10508518	0.317	0.033	0.356	0.411	intron
10	SLC39A12	18356946	rs1935506	0.308	0.347	0.489	0.422	intron
10	SLC39A12	18359047	rs2497782	0.3	0.275	0.5	0.433	intron

10	SLC39A12	18369824	rs2488132	0.467	0.292	0.477	0.4	intron
10	SLC39A12	18374527	rs2488136	0.258	0.373	0.295	0.367	flanking_3UTR
10	LOC729183	18460390	rs11596974	0.161	0.225	0.3	0.422	flanking_5UTR
10	RPSAP10	28788830	rs12762979	0.242	0.213	0.429	0.325	flanking_3UTR
10	KIF5B	32330152	rs1251355	0.45	0.283	0.409	0.411	flanking_3UTR
10	KIF5B	32349011	rs1775715	0.45	0.292	0.398	0.389	intron
10	KIF5B	32349166	rs1755066	0.457	0.28	0.398	0.389	intron
10	KIF5B	32368532	rs1251363	0.442	0.283	0.398	0.389	intron
10	LOC441550	32431717	rs211405	0.408	0.5	0.311	0.378	3UTR
10	LOC441550	32433148	rs211408	0.408	0.5	0.311	0.378	intron
10	LOC729750	32449554	rs3006625	0.408	0.317	0.318	0.375	flanking_5UTR
10	LOC729750	32449660	rs2907803	0.426	0.296			flanking_5UTR
10	LOC729750	32450664	rs2907804	0.407	0.395	0.318	0.388	flanking_5UTR
10	LOC729750	32454636	rs9299670	0.4	0.407	0.318	0.378	flanking_5UTR
10	ZWINT	58608558	rs6481257	0.373	0.085	0.182	0.178	flanking_5UTR
10	LOC729184	61995671	rs10509132	0.475	0.4	0.344	0.378	intron
10	ANXA2P3	66647891	rs7915870	0.35	0.283	0.205	0.356	flanking_3UTR
10	ANXA2P3	66648119	rs9414877	0.35	0.283	0.205	0.356	flanking_3UTR
10	LRRTM3	68310957	rs4142041	0.342	0.075	0.456	0.411	flanking_5UTR
10	LRRTM3	68340205	rs9332406	0.25	0.1304		0.375	flanking_5UTR
10	LOC340888	69200684	rs932656	0.292	0.483	0.17	0.167	flanking_3UTR
10	HK1	70769201	rs10998725	0.018	0.009			intron
10	HK1	70769228	rs10998726	0.05	0.068	0.2	0.078	intron
10	HK1	70772739	rs10998731	0.035	0	0.171	0.07	intron
10	HK1	70779704	rs10823349	0.05	0	0.211	0.078	intron
10	HK1	70793133	rs10998744	0.05	0	0.211	0.078	intron
10	VCL	75488081	rs4268450	0.339	0.367	0.33	0.233	intron
10	VCL	75490858	rs11000865	0		0	0	intron
10	VCL	75493004	rs7098158	0.008	0.229	0	0	intron
10	VCL	75501265	rs2131960	0.283	0.175	0.364	0.244	intron
10	VCL	75505221	rs4745734					intron
10	VCL	75505564	rs4746169					intron
10	VCL	75506125	rs1874152					intron
10	VCL	75506139	rs2934773					intron
10	VCL	75507211	rs1908337	0.283	0.367	0.364	0.244	intron
10	VCL	75517810	rs11596526	0.179	0.271	0.314	0.216	intron
10	VCL	75517917	rs7083479	0	0.169	0	0	intron
10	VCL	75518523	rs6480715	0.4583	0.1087		0.0208	intron
10	VCL	75525848	rs4746172	0.217	0.158	0.489	0.367	intron
10	VCL	75530104	rs17743339	0.217	0	0.477	0.378	intron
10	VCL	75534378	rs2131959	0.217	0.158	0.489	0.378	intron
10	VCL	75535071	rs767809	0.347	0.008	0.341	0.262	coding
10	VCL	75537199	rs2279648	0.092	0.142	0.136	0.1	intron
10	VCL	75538120	rs3793921	0.22	0.333	0.489	0.378	intron
10	VCL	75544421	rs1874148	0	0.117	0.034	0	intron
10	VCL	75545222	rs10824073	0.35	0.358	0.352	0.267	intron
10	VCL	75550260	rs10824075	0.092	0.339	0.133	0.1	flanking_3UTR
10	AP3M1	75551353	rs3180427	0.35	0.1	0.341	0.261	flanking_3UTR
10	AP3M1	75554163	rs16931199	0	0	0.144	0.114	coding
10	ADK	75586867	rs6480721	0.217	0.333	0.489	0.378	intron
10	ADK	75589696	rs10740420					intron
10	ADK	75600163	rs7896660	0.357	0.009	0.337	0.256	intron
10	ADK	75606099	rs12573619					intron
10	ADK	75608844	rs9665468	0.092	0.15	0.133	0.111	intron
10	ADK	75609082	rs7088944					intron
10	ADK	75610912	rs961321	0	0.383	0	0	intron
10	ADK	75623969	rs4746181	0	0.175	0	0	intron
10	ADK	75628414	rs10824106	0.092	0.1	0.133	0.111	intron
10	LOC439985	76762032	rs1259578	0.392	0.407	0.295	0.256	flanking_5UTR
10	LOC439985	76764224	rs2435884	0.392	0.4	0.295	0.244	flanking_5UTR
10	LOC439985	76778693	rs1259594	0.371	0.336	0.295	0.222	flanking_5UTR
10	LOC439985	76782306	rs1652713	0.367	0.492	0.244	0.222	flanking_5UTR

10	LOC642413	81631178	rs12763012	0.1	0.058	0.034	0.022	flanking_5UTR
10	MBL1P1	81675042	rs2256573	0.483	0.217	0.467	0.5	flanking_3UTR
10	SFTPD	81680275	rs1923541	0.442	0.242	0.367	0.284	flanking_3UTR
10	SFTPD	81684930	rs1923539	0.233	0.025	0.211	0.222	flanking_3UTR
10	SFTPD	81687791	rs4469829	0	0.112	0	0	coding
10	SFTPD	81687798	rs1051246	0.11	0.16	0.033	0.022	coding
10	SFTPD	81687848	rs3088308	0.0625	0.0217		0.0208	coding
10	SFTPD	81689218	rs2245121	0.373	0.392	0.375	0.278	intron
10	SFTPD	81691503	rs911887	0.383	0.433	0.352	0.378	intron
10	SFTPD	81692190	rs17878336	0.0217	0			coding
10	SFTPD	81694492	rs2181204	0.058	0.25	0.378	0.378	intron
10	SFTPD	81695413	rs7078012	0.083	0.458	0	0.011	intron
10	SFTPD	81696115	rs6413523	0	0.217	0.311	0.356	intron
10	SFTPD	81696261	rs6413520	0.1	0	0	0	coding
10	SFTPD	81696304	rs721917	0.408	0.308	0.477	0.367	coding
10	SFTPD	81696715	rs17878740	0	0.0208			intron
10	SFTPD	81697593	rs2819096	0.475	0.233	0.477	0.356	intron
10	SFTPD	81698724	rs726014	0.059	0.208	0.344	0.378	intron
10	SFTPD	81701691	rs1885553	0.293	0.364		0.089	flanking_5UTR
10	SFTPD	81702333	rs1885551	0.058	0.125	0.33	0.378	flanking_5UTR
10	SFTPD	81705718	rs2146192	0.058	0.127	0.33	0.378	flanking_5UTR
10	LOC727889	81725961	rs3923564	0	0.059	0.295	0.356	flanking_5UTR
10	LOC727889	81738688	rs7084667	0.35	0.275	0.068	0.089	flanking_3UTR
10	LOC727889	81751469	rs1932571	0.142	0.225	0.33	0.389	flanking_3UTR
10	LOC642521	81778084	rs12220777	0.067	0.1	0.28	0.278	intron
10	LOC642521	81778817	rs7083625	0.483	0.433	0.36	0.489	flanking_5UTR
10	LIPF	90424391	rs3858282	0.3	0.45	0.433	0.478	intron
10	FAS	90816232	rs1937334	0.483	0.4	0.278	0.233	flanking_3UTR
10	PPP1R3C	93338100	rs1329650	0.263	0.07	0.221	0.295	flanking_3UTR
10	PPP1R3C	93339777	rs1028936	0.143	0.085	0.366	0.381	flanking_3UTR
10	ENTPD1	97536416	rs2153913	0.4	0.458	0.33	0.233	intron
10	HPSE2	100966819	rs4129552	0.367	0.1	0.42	0.4	intron
10	GSTO2	106029175	rs156697	0.4	0.192	0.295	0.244	coding
10	SORCS3	107062861	rs10509789	0.267	0.342	0.056	0.044	flanking_3UTR
10	XPNPEP1	111515361	rs1777744	0.183	0.442	0.227	0.489	flanking_3UTR
10	KIAA1598	118641001	rs2531686	0.25	0.158	0.477	0.478	intron
11	OR51E1	4628397	rs10500607	0	0.1304		0.25	flanking_5UTR
11	PPFIBP2	7598607	rs10769813	0.483	0.39	0.111	0.182	intron
11	SPTY2D1	18595288	rs10500834	0.325	0.2857	0.364	0.489	intron
11	BDNFOS	27528179	rs1304100	0.231	0.389	0.06	0.125	intron
11	BDNFOS	27535522	rs1013442	0.25	0	0.08	0.133	intron
11	BDNFOS	27595510	rs879048	0.2	0.408	0.443	0.398	intron
11	BDNFOS	27603861	rs4074134	0.2	0.158	0.333	0.422	intron
11	BDNFOS	27605156	rs4923457	0.2	0.158	0.333	0.42	intron
11	BDNFOS	27613365	rs4923460	0.2	0.158	0.333	0.422	intron
11	BDNFOS	27636492	rs6265	0.175	0	0.337	0.369	UTR
11	BDNFOS	27659764	rs6484320	0.1875	0.1304		0.3958	flanking_3UTR
11	APIP	34879792	rs2985381	0.288	0.25		0.267	intron
11	LOC646797	50105616	rs10501330	0.492	0.217	0.456	0.444	intron
11	LOC440041	54832793	rs1816468	0.167	0.225	0.291	0.211	flanking_5UTR
11	GSTP1	67109265	rs1695	0.392	0.375	0.091	0.178	coding
11	LOC729790	80620028	rs4999939	0.417	0.229	0.058	0.102	flanking_5UTR
11	PRSS23	86125740	rs10898531					flanking_5UTR
11	PRSS23	86126352	rs11234767	0.208	0	0	0.011	flanking_5UTR
11	PRSS23	86126487	rs11234768	0.208	0	0	0.011	flanking_5UTR
11	PRSS23	86129668	rs12365944	0.212	0	0.022	0.022	flanking_5UTR
11	PRSS23	86134812	rs11602353	0.217	0	0	0.011	flanking_5UTR
11	PRSS23	86136751	rs11234778	0.207	0.009	0	0.011	flanking_5UTR
11	PRSS23	86154338	rs12362740	0.195	0	0	0.012	flanking_5UTR
11	PRSS23	86155408	rs12807796	0.192	0	0	0	flanking_5UTR
11	PRSS23	86155979	rs11234798	0.192	0	0	0.012	flanking_5UTR
11	PRSS23	86163038	rs7128805	0.192	0	0	0.011	flanking_5UTR

11	RAB38	87500294	rs10830242	0.347	0.458	0.256	0.227	intron
11	LOC727998	90895599	rs10501756	0.308	0.042	0.433	0.433	flanking_3UTR
11	LOC727998	91522854	rs1390783	0.392	0.3	0.364	0.256	flanking_3UTR
11	LOC387804	93305911	rs10501809	0.375	0.475	0.267	0.311	flanking_5UTR
11	JRKL	96982632	rs11827713	0.059	0.075	0	0	flanking_3UTR
11	CNTN5	98659612	rs12421122	0.108	0	0.456	0.429	intron
11	CNTN5	98671419	rs4492781	0.096	0.102	0	0	intron
11	CNTN5	98671876	rs7939244	0.052	0.198	0	0	intron
11	CNTN5	98677821	rs11219273	0.008	0.217	0	0	intron
11	CNTN5	98681221	rs10450631	0	0.219	0	0	intron
11	CNTN5	98685253	rs1461674	0.083	0.042	0	0	intron
11	MMP12	102251001	rs2276109	0.11	0	0.011	0.08	flanking_5UTR
11	DYNC2H1	102733299	rs2671334	0.425	0.145	0.442	0.442	intron
11	DYNC2H1	102734237	rs2566913	0.368	0.181	0.465	0.455	coding
11	DYNC2H1	102734320	rs2671333					intron
11	DYNC2H1	102734383	rs2514408	0.379	0.193	0.464	0.453	intron
11	DYNC2H1	102737255	rs2408589					intron
11	DYNC2H1	102739939	rs1913462	0.292	0.008	0.011	0.044	intron
11	DYNC2H1	102742577	rs313377	0.364	0.275	0.279	0.322	intron
11	LOC643718	103814624	rs10502034	0.417	0.258	0.489	0.466	flanking_3UTR
11	GRIA4	105029591	rs10502059	0.492	0.492	0.466	0.333	intron
11	SORL1	120986617	rs726601	0.308	0.117	0.433	0.444	intron
11	C11orf39	131053009	rs2658826	0.297	0.2955	0.167	0.227	flanking_5UTR
11	C11orf39	131053026	rs2658827	0.292	0.156	0.178	0.221	flanking_5UTR
11	C11orf39	131053050	rs2695812	0.292	0.16	0.182	0.233	flanking_5UTR
11	C11orf39	131053097	rs2658828	0.292	0.118	0.167	0.233	flanking_5UTR
11	C11orf39	131053274	rs2658829	0.292	0.173	0.17	0.233	flanking_5UTR
11	C11orf39	131053361	rs2658830	0.288	0.25	0.167	0.233	flanking_5UTR
11	C11orf39	131053582	rs2463407	0.273		0.107	0.155	flanking_5UTR
11	C11orf39	131053736	rs2658833	0.2917	0.3095		0.1875	flanking_5UTR
11	C11orf39	131054745	rs2135533	0.292	0.283	0.133	0.178	flanking_5UTR
11	C11orf39	131054912	rs2658836	0.292	0.314	0.136	0.178	flanking_5UTR
11	C11orf39	131054974	rs2739264	0.292	0.24	0.136	0.178	flanking_5UTR
11	C11orf39	131055105	rs2739265	0.288	0.2619	0.133	0.178	flanking_5UTR
11	C11orf39	131058349	rs2658842	0.288	0.442	0.136	0.17	flanking_5UTR
12	IQSEC3	132190	rs4980804	0.483	0.083	0.289	0.333	intron
12	TMEM16B	5838279	rs6489665	0.027	0.164	0	0	intron
12	VWF	6056377	rs7135976	0.458	0.2	0.389	0.367	intron
12	VWF	6057926	rs2238104	0.442	0.125	0.375	0.311	intron
12	CAPZA3	18895583	rs1158762	0.108	0.467	0.433	0.389	flanking_3UTR
12	PLEKHA5	18987475	rs4763513	0.395	0.059	0.291	0.477	flanking_5UTR
12	PLEKHA5	18987834	rs4763514	0.383	0.042	0.321	0.478	flanking_5UTR
12	PLEKHA5	18994492	rs4143503	0.383	0.381	0.329	0.42	flanking_5UTR
12	RASSF8	25982151	rs1183253	0.2	0.483	0.443	0.478	flanking_5UTR
12	FGD4	32653050	rs10506097	0.4	0.242	0.211	0.233	intron
12	SYT10	33436783	rs1994169	0.267	0.358	0.114	0.189	intron
12	SLC16A7	58421669	rs2706301	0.383	0.175	0.477	0.478	intron
12	FAM19A2	59608447	rs1383185	0.333	0.283	0.398	0.389	flanking_3UTR
12	TRHDE	71222214	rs723867	0.22	0.237	0.432	0.444	intron
12	PPFIA2	80918285	rs1347222	0.367	0.342	0.477	0.5	flanking_5UTR
12	LOC728084	87915163	rs1019206	0.358	0.158	0.216	0.322	flanking_3UTR
12	NR2C1	93953563	rs10859824	0.267	0.2	0.274	0.214	intron
12	NR2C1	93967620	rs7971079	0.246	0.211	0.279	0.209	intron
12	UTP20	100191681	rs703719	0.388	0.142	0.044	0.033	flanking_5UTR
12	UTP20	100195249	rs824311	0.392	0.142		0.1042	flanking_5UTR
12	UTP20	100195708	rs824313	0.379	0.379	0.037	0.023	flanking_5UTR
12	UTP20	100211174	rs2290720	0.383	0.083	0.364	0.433	intron
12	UTP20	100223113	rs7312071	0.383	0.086	0.352	0.433	intron
12	UTP20	100248212	rs7973083	0.225	0.083	0.33	0.378	intron
12	UTP20	100269416	rs10778114	0.392	0.083	0.044	0.033	intron
12	UTP20	100278085	rs10507130	0.225	0.033	0.33	0.378	intron
12	UTP20	100279051	rs11609516	0.225	0.083	0.322	0.378	intron

12	UTP20	100279814	rs7313312	0.2917	0.087		0.3542	intron
12	FBXW8	115909537	rs7314897	0.017	0.05	0	0	intron
12	FBXW8	115923799	rs7133609	0.017	0.127	0.011	0	intron
12	FBXW8	115929565	rs16947209	0.017	0.133	0	0	intron
12	FBXW8	115944460	rs16947233	0.017	0.133	0	0	intron
12	FBXW8	115951508	rs1051879	0.017	0.133	0	0	3UTR
12	LOC728171	125158006	rs10492041	0.433	0.467	0.189	0.2	flanking_5UTR
12	LOC121296	126198334	rs2662826	0.133	0.192	0.023	0.011	flanking_3UTR
12	LOC121296	126210339	rs2712557					flanking_3UTR
12	LOC121296	126271756	rs1848528	0.45	0.383	0.182	0.278	flanking_3UTR
13	IRX1P1	24226680	rs12019525	0.367	0.058	0.409	0.433	flanking_3UTR
13	NBEA	34333049	rs1323954					flanking_5UTR
13	NBEA	34333190	rs1323956	0.034	0.275	0.216	0.233	flanking_5UTR
13	NBEA	34333744	rs9599756	0.035	0.397			flanking_5UTR
13	NBEA	34334375	rs10492726	0.033	0.317		0.0227	flanking_5UTR
13	NBEA	34335110	rs9599757	0.027				flanking_5UTR
13	NBEA	34336443	rs6562657	0.02	0.27			flanking_5UTR
13	NBEA	34338882	rs9599764	0.15		0.216	0.256	flanking_5UTR
13	NBEA	34346087	rs7320901	0.15	0.475	0.239	0.233	flanking_5UTR
13	NBEA	34350845	rs7993420	0.143	0.491		0.015	flanking_5UTR
13	NBEA	34356662	rs7997592	0.153	0.3913		0.2917	flanking_5UTR
13	NBEA	34360987	rs7336674	0.136	0.475	0.239	0.239	flanking_5UTR
13	FOXO1	40045158	rs9549236	0.402	0.373		0.291	intron
13	FOXO1	40046353	rs4603422	0.375	0.415		0.333	intron
13	FOXO1	40054188	rs2721066	0.375	0.383		0.3	intron
13	FOXO1	40060225	rs2721044	0.368	0.4545		0.326	intron
13	FOXO1	40067625	rs2755219	0.375	0.392		0.333	intron
13	FOXO1	40071433	rs4943795	0.375	0.458		0.311	intron
13	FOXO1	40072231	rs9566553	0.375	0.392	0.341	0.3	intron
13	FOXO1	40077798	rs7986407	0.375	0.5	0.352	0.333	intron
13	FOXO1	40082078	rs3892360	0.375	0.458	0.352	0.333	intron
13	FOXO1	40087143	rs4429172	0.375	0.458	0.341	0.3	intron
13	FOXO1	40093411	rs12583418	0.375	0.392		0.333	intron
13	FOXO1	40094407	rs7335520	0.375	0.392	0.341	0.3	intron
13	FOXO1	40097421	rs7330614	0.375	0.367	0.341	0.3	intron
13	FOXO1	40098091	rs7338669	0.375	0.4348		0.2083	intron
13	FOXO1	40114534	rs4325427	0.375	0.4318		0.2083	intron
13	FOXO1	40127905	rs7328677	0.367	0.375	0.341	0.3	intron
13	HTR2A	46797096	rs564425	0.375	0.05	0.489	0.467	flanking_5UTR
13	RP11-431O22.2	52300292	rs651217	0.315	0.474	0.375	0.5	flanking_3UTR
13	RP11-365K22.1	53978128	rs9316727	0.467	0.383	0.221	0.156	flanking_5UTR
13	DIAPH3	58676036	rs962568	0.008	0.392	0.477	0.444	flanking_3UTR
13	OR7E156P	63090415	rs1953123	0.025	0.292	0.375	0.467	flanking_5UTR
13	PCDH9	64783714	rs9317504	0.167	0.417	0.352	0.222	flanking_3UTR
13	RP11-11C5.2	71945230	rs1886484	0.425	0.3	0.102	0.067	flanking_3UTR
13	MYCBP2	76771534	rs9318473	0.307	0.136	0.386	0.244	intron
13	EDNRB	77338577	rs4885488	0.208	0.05	0.444	0.367	flanking_3UTR
13	LOC647313	81806495	rs4885812	0.25	0.058	0.295	0.467	flanking_5UTR
13	GPC6	92850091	rs7329539	0.1	0.375	0.467	0.378	intron
13	TGDS	94009539	rs726298	0.358	0.058	0.433	0.356	flanking_3UTR
13	DNAJC3	95220819	rs9302086	0.125	0.242	0.456	0.322	intron
13	NALCN	100659913	rs10508058	0.142	0.367	0.364	0.389	intron
13	LOC728183	102787731	rs952645	0.433	0.142	0.261	0.314	flanking_5UTR
13	LOC728183	103001176	rs9300826	0.108	0.008	0.122	0.122	flanking_5UTR
13	LOC728192	105641257	rs1978945	0.242	0.167	0.432	0.444	flanking_5UTR
13	TNFSF13B	107802878	rs9301291	0.175	0.233	0.381	0.467	flanking_3UTR
14	NDRG2	20553926	rs1263871	0.392	0.417	0.174	0.386	flanking_3UTR
14	LRFN5	40766891	rs1782182	0.25	0.1739		0.3958	flanking_5UTR
14	LRFN5	40795921	rs1782141	0.267	0.208	0.221	0.4	flanking_5UTR
14	LRFN5	40799523	rs1782144	0.25	0.2391		0.3958	flanking_5UTR
14	LRFN5	40800126	rs1782145	0.267	0.133	0.163	0.311	flanking_5UTR
14	LRFN5	40805691	rs1612945	0.25	0.1522		0.3333	flanking_5UTR

14	LRFN5	40826319	rs1782159	0.2727	0.1818		0.3182	flanking_5UTR
14	LRFN5	40841983	rs2798983	0.25	0.136	0.182	0.367	flanking_5UTR
14	NID2	51588561	rs730532	0.217	0.492	0.477	0.5	intron
14	NID2	51613974	rs10498441	0.283	0.2	0.256	0.256	flanking_5UTR
14	BMP4	53138531	rs210327	0.4	0.1	0.389	0.322	flanking_3UTR
14	LOC645560	53677512	rs811165	0.2	0.208	0.159	0.122	flanking_5UTR
14	C14orf101	56045506	rs1959056	0.317	0.358		0.011	flanking_5UTR
14	C14orf37	57456738	rs811732	0.158	0.242	0.133	0.267	flanking_3UTR
14	C14orf37	57467669	rs808225	0.433	0.317	0.322	0.278	flanking_3UTR
14	MAX	64714496	rs7151493	0.342	0.246		0.4167	flanking_5UTR
14	MGC88374	65802982	rs892701	0.133	0.3	0.489	0.467	flanking_5UTR
14	PCNX	70751010	rs3742845	0.475	0.483	0.25	0.344	flanking_3UTR
14	C14orf145	80477644	rs11625251	0.1	0.1		0	flanking_5UTR
14	TSHR	80525460	rs4903960	0.1	0		0	intron
14	TSHR	80527336	rs6574616	0.1	0.083		0	intron
14	RIN3	92107560	rs2104239	0.483	0.483	0.08	0.167	intron
14	LOC730118	94490218	rs2789376	0.308	0.293	0.211	0.267	flanking_3UTR
14	LOC730118	94492244	rs2798821	0.3	0.293	0.211	0.267	flanking_3UTR
14	LOC730224	98472186	rs200303	0.367	0.117	0.311	0.5	flanking_5UTR
15	C15orf53	36808652	rs11073348	0.383	0.217	0.367	0.364	flanking_3UTR
15	SQRDL	44489426	rs11070517	0.314	0.125		0.178	flanking_3UTR
15	ATP8B4	48208710	rs8036777	0.342	0.292	0.433	0.411	flanking_5UTR
15	ONECUT1	50857039	rs2165990	0.288	0.033	0.222	0.144	intron
15	ONECUT1	50857433	rs7180600	0.117	0.483		0.311	intron
15	ONECUT1	50859965	rs10518694	0.117	0.142	0.279	0.216	intron
15	ONECUT1	50860376	rs2460	0.258	0.3		0.311	intron
15	ONECUT1	50867705	rs2456525	0.112	0.475	0.409	0.311	intron
15	ONECUT1	50871645	rs2440315	0.25	0.3	0.43	0.311	flanking_5UTR
15	ONECUT1	50879162	rs2440376	0.125	0.383		0.478	flanking_5UTR
15	ONECUT1	50879188	rs2456531	0.258	0.258		0.4	flanking_5UTR
15	ONECUT1	50879912	rs2243790	0.125	0.467		0.405	flanking_5UTR
15	ONECUT1	50884380	rs2440374	0.267	0.271	0.25	0.378	flanking_5UTR
15	ONECUT1	50888872	rs2120450	0.117	0.422	0.352	0.456	flanking_5UTR
15	ONECUT1	50888992	rs2165991	0.2292	0.2895		0.4565	flanking_5UTR
15	IQCH	65447188	rs4625676	0.475	0.333	0.182	0.091	intron
15	hCG_2004593	69396576	rs6494904	0.233	0.375	0.133	0.267	flanking_3UTR
15	hCG_2004593	69397889	rs11855326					flanking_3UTR
15	hCG_2004593	69452878	rs2119568	0.112	0.033	0.033	0.133	flanking_5UTR
15	THSD4	69483940	rs12441227	0.11	0	0.033	0.167	flanking_5UTR
15	THSD4	69488506	rs7172574	0.102	0.258	0.033	0.144	flanking_5UTR
15	THSD4	69488531	rs7172592	0.102	0.25	0.033	0.144	flanking_5UTR
15	THSD4	69489319	rs12901896	0.108	0.008	0.022	0.111	flanking_5UTR
15	THSD4	69489673	rs4777384	0.108	0	0.022	0.111	flanking_5UTR
15	THSD4	69489764	rs4777385	0.095	0	0.022	0.111	flanking_5UTR
15	THSD4	69490697	rs4545769	0.108	0.008	0.011	0.1	flanking_5UTR
15	LOC123688	76593078	rs8034191	0.433	0.142	0.011	0.044	intron
15	CHRNA5	76638670	rs2036527	0.425	0.217	0.011	0.044	flanking_5UTR
15	CHRNA5	76645455	rs684513	0.217	0.158	0.239	0.278	intron
15	CHRNA5	76652480	rs588765	0.339	0.196	0.114	0.128	intron
15	CHRNA5	76654537	rs17486278	0.409	0.2391	0.329	0.238	intron
15	CHRNA5	76660174	rs569207	0.1957	0.2826		0.3542	intron
15	CHRNA5	76661031	rs637137	0.202	0.259	0.5	0.425	intron
15	CHRNA5	76669980	rs16969968	0.424	0	0.011	0.033	coding
15	CHRNA3	76675455	rs578776	0.242	0.347	0.182	0.198	3UTR
15	CHRNA3	76681394	rs1051730	0.4	0.11	0.011	0.033	coding
15	CHRNA3	76681814	rs3743078	0.203	0.333	0.182	0.233	intron
15	CHRNA3	76686774	rs11637630	0.212	0.267	0.466	0.478	intron
15	CHRNA3	76694711	rs6495308	0.212	0.342	0.222	0.273	intron
15	CHRNB4	76711042	rs17487223	0.433	0.067	0.011	0.033	intron
15	CHRNB4	76713781	rs12440014	0.242	0.229	0.393	0.5	intron
15	CHRNB4	76715933	rs11636605	0.178	0.333	0.17	0.205	intron
15	CHRNB4	76717565	rs1316971	0.179	0.284	0.17	0.221	intron

15	ZFAND6	78164507	rs6495474	0.342	0.342	0.333	0.444	intron
15	AKAP13	84034355	rs16943236	0.1	0.325	0.122	0.111	intron
15	SV2B	89505496	rs719987	0.25	0.083	0.344	0.389	flanking_5UTR
15	MCTP2	92709908	rs1368843	0.45	0.217	0.205	0.222	intron
15	ADAMTS17	98573930	rs12901204	0.283	0.175	0.089	0.167	intron
15	ADAMTS17	98575908	rs4965593	0.3	0.117	0.211	0.222	intron
15	ADAMTS17	98577137	rs4965598	0.294	0.11	0.202	0.214	intron
15	ADAMTS17	98577407	rs4965599	0.3	0.333	0.222	0.211	intron
15	ADAMTS17	98686663	rs958983	0.392	0.217	0.489	0.467	intron
16	LOC729993	13158917	rs12448461	0.431	0.152	0.407	0.367	intron
16	LOC729993	13161027	rs6498382	0.425	0.15	0.4	0.367	intron
16	LOC729993	13167388	rs6498385	0.425	0.237	0.4	0.411	intron
16	LOC729993	13170152	rs743657	0.442	0.272	0.4	0.411	intron
16	FTO	52562664	rs9932411	0.308	0.288	0.239	0.333	intron
16	ZNF319	56589987	rs3743558	0.325	0.05	0.432	0.455	intron
16	MMP15	56621913	rs3784905	0	0.442	0	0	intron
16	MMP15	56623125	rs4784887	0.358	0.292	0.344	0.489	intron
16	MMP15	56626970	rs3784909					intron
16	MMP15	56630071	rs1436426	0.2791				intron
16	MMP15	56631711	rs2304488	0.275	0.283	0.344	0.422	intron
16	MMP15	56632783	rs12447804			0.39		intron
16	MMP15	56633923	rs2118018	0.267	0.368	0.341	0.422	intron
16	MMP15	56637510	rs11076213					3UTR
16	MMP15	56637716	rs1050779	0.237	0.009	0.318	0.407	3UTR
16	MMP15	56638411	rs2241773	0.125	0.087		0.1875	flanking_3UTR
16	MMP15	56639295	rs9926547	0.245	0.308	0.35	0.465	flanking_3UTR
16	MMP15	56640991	rs9924342					flanking_3UTR
16		56643383	rs12929002	0.246	0.018	0.333	0.395	
16	MMP15	56648079	rs8058147	0.025	0.192	0.102	0.122	flanking_3UTR
16	MMP15	56649155	rs8064087	0	0.117	0	0.044	flanking_3UTR
16	MMP15	56651170	rs12924451	0.223	0.008			flanking_3UTR
16	MMP15	56654858	rs9926693	0.292	0.336	0.422	0.455	flanking_3UTR
16	MMP15	56657709	rs12597233	0.242	0.008	0.333	0.433	flanking_3UTR
16	CSNK2A2	56756704	rs2242445	0.142	0	0.159	0.111	intron
16	CSNK2A2	56758474	rs2292028	0.142	0.008	0.159	0.111	intron
16	CSNK2A2	56766333	rs2550355	0.138	0	0.131	0.062	intron
16	CSNK2A2	56771068	rs2550357	0.142	0.0652		0.0625	intron
16	LOC729251	77647370	rs1121404	0.408	0.483	0.364	0.222	flanking_3UTR
16	BCMO1	79870467	rs7194812	0.202		0.07	0.047	intron
16	BCMO1	79870507	rs7192773	0.216	0.405	0.078	0.056	intron
16	BCMO1	79871882	rs7188650	0.196		0.073	0.037	intron
17	ATP1B2	7486446	rs1641537	0.133	0.35	0.341	0.378	flanking_5UTR
17	MYO1D	27918485	rs225206	0.458	0.407	0.256	0.278	intron
17	MYO1D	27918999	rs225209	0.5	0.284	0.267	0.284	intron
17	MYO1D	27919165	rs225210	0.483	0.025	0.267	0.278	intron
17	MYO1D	27921023	rs225215	0.475	0.367	0.267	0.278	intron
17	ACACA	32518846	rs9286331	0.158	0.305	0.364	0.289	intron
17	TTYH2	69741087	rs747742	0.208	0.203	0.034	0	intron
17	TTYH2	69748982	rs2382837	0.1667	0.2826		0.0217	intron
18	PTPRM	7757336	rs1446081	0.4792	0.2609		0.1667	intron
18	ASXL3	29442138	rs726147	0.058	0.167	0.045	0.033	intron
18	ASXL3	29445545	rs4799703	0.058	0.017	0.045	0.033	intron
18	ASXL3	29453829	rs9956208	0.058	0.192	0.045	0.033	intron
18	ASXL3	29454798	rs9959496	0.058	0.192	0.045	0.033	intron
18	ASXL3	29455503	rs17665756	0.0625	0.0435		0.0833	intron
18	ASXL3	29456104	rs2040201	0.058	0.017	0.045	0.033	intron
18	ASXL3	29459187	rs4799351	0.059	0.1739	0.044	0.033	intron
18	ASXL3	29465335	rs17665911	0.058	0.017	0.057	0.023	intron
18	ASXL3	29501059	rs10502624	0.075	0.042	0.122	0.057	intron
18	ASXL3	29502420	rs8083020	0.051	0	0.025	0	intron
18	BRUNOL4	33249230	rs11875702	0.292	0.108	0.167	0.193	intron
18	BRUNOL4	33254085	rs1941945	0.292	0.058	0.148	0.189	intron

18	BRUNOL4	33256116	rs731890	0.292	0.067	0.148	0.189	intron
18	BRUNOL4	33258803	rs16968931	0.297	0.198	0.136	0.179	intron
18	BRUNOL4	33259093	rs1791481	0.292	0.466	0.148	0.189	intron
18	BRUNOL4	33259479	rs10048364	0.308	0.067	0.148	0.2	intron
18	PIK3C3	37680920	rs9304254	0.342	0.425	0.375	0.422	flanking_5UTR
18	SYT4	39176819	rs627966	0.433	0.242	0	0.011	flanking_5UTR
18	SETBP1	40963941	rs1450805	0.233	0.383	0.33	0.178	flanking_3UTR
18	SMAD2	43624464	rs9304357	0.008	0.25	0.227	0.278	intron
18	DCC	49347873	rs7233241	0.35	0.392	0.443	0.433	flanking_3UTR
18	FECH	53387425	rs1788002	0.46				intron
18	DSEL	63490471	rs9319737	0.1	0.392	0.322	0.278	flanking_5UTR
18	LOC728354	67377933	rs11151678	0.31	0.093	0.417	0.395	flanking_5UTR
18	LOC728354	67378014	rs11151679	0.317	0.241	0.409	0.4	flanking_5UTR
18	LOC728354	67378570	rs8086262	0.325	0.367	0.411	0.422	flanking_5UTR
18	LOC728354	67381007	rs11660297	0.322	0.225	0.411	0.4	flanking_5UTR
18	LOC728354	67384837	rs17084708	0.317	0.225	0.422	0.422	flanking_5UTR
18	CBLN2	68376865	rs593789	0.092	0.3	0.227	0.222	flanking_5UTR
18	CBLN2	68379883	rs638052	0.108	0.283	0.375	0.389	flanking_5UTR
18	CBLN2	68392317	rs634985	0.095	0.317	0.2	0.205	flanking_5UTR
18	CBLN2	68396951	rs681058	0.1	0.217	0.411	0.422	flanking_5UTR
18	CBLN2	68397041	rs680619	0.2	0.242	0.455	0.444	flanking_5UTR
18	CBLN2	68423879	rs1432077	0.1	0.05	0.133	0.144	flanking_5UTR
19	EMR1	6859557	rs8113805	0.183	0.3		0.4792	intron
19	TDRD12	38006753	rs17206198	0.121	0		0.102	flanking_3UTR
19	TDRD12	38006958	rs4805812	0.458	0.3		0.056	flanking_3UTR
19	TDRD12	38007453	rs17206212	0.158	0		0.111	flanking_3UTR
19	TDRD12	38008163	rs1035478	0.458	0.35		0.464	flanking_3UTR
19	SLC7A9	38009147	rs3746022					flanking_3UTR
19	SLC7A9	38009530	rs3746024	0.167	0.175	0.222	0.378	flanking_3UTR
19	SLC7A9	38009752	rs3746028	0.175	0.258	0.467	0.467	flanking_3UTR
19	SLC7A9	38012308	rs16967480	0	0.0435		0	flanking_3UTR
19	SLC7A9	38020984	rs17272197	0.142	0		0.111	intron
19	SLC7A9	38023753	rs929816	0.375	0.417			intron
19	SLC7A9	38024356	rs11671809	0.142	0.017		0.111	intron
19	SLC7A9	38024792	rs2287882	0.15	0.208	0.289	0.167	intron
19	SLC7A9	38026255	rs3815760	0.475	0.242	0.111	0.178	intron
19	SLC7A9	38026818	rs1559225	0.175	0.138	0.467	0.488	intron
19	SLC7A9	38041328	rs2287879	0.4				intron
19	SLC7A9	38044881	rs1007161	0.297	0.3	0.341	0.289	coding
19	SLC7A9	38045304	rs11084673	0.308	0.3	0.356	0.289	coding
19	SLC7A9	38046895	rs12150889					coding
19	SLC7A9	38049852	rs10404771	0.14	0.241		0.489	intron
19	GPATCH1	38291936	rs12462509	0	0		0.133	intron
19	GPATCH1	38292604	rs2287679	0.19	0.144	0.432	0.411	coding
19	GPATCH1	38294597	rs10420258	0.085	0.119		0.432	coding
19	GPATCH1	38294696	rs3786934	0.0833	0.4348		0.1042	intron
19	GPATCH1	38297140	rs10416265		0.183		0.133	coding
19	GPATCH1	38297152	rs10421769	0.375	0.1304		0.0625	coding
19	GPATCH1	38300393	rs16967815	0.069	0.117		0.122	intron
19	GPATCH1	38300573	rs2287681	0.147	0.25		0.465	coding
19	GPATCH1	38306962	rs1981818	0.267	0.133		0.289	intron
19	GPATCH1	38309439	rs16967824	0	0.0435		0	coding
19	GPATCH1	38312344	rs3786931	0	0		0.367	intron
19	GPATCH1	38312737	rs3826906	0.083	0.092		0.411	intron
19	GPATCH1	38313101	rs13346412	0	0.067	0	0	3UTR
19	WDR88	38315444	rs1270252	0.086	0.093	0.432	0.411	intron
19	RAB4B	45994546	rs7937	0.417	0.225	0.284	0.378	3UTR
19	EGLN2	46001051	rs2644916	0.258	0.192	0.122	0.289	intron
19	EGLN2	46001080	rs11666504	0.167	0.05	0	0	intron
19	EGLN2	46001365	rs16974537	0	0.083		0	intron
19	EGLN2	46002411	rs3733829	0.422	0.008	0.477	0.311	5UTR
19	EGLN2	46002449	rs3733828	0.3	0.392	0.356	0.4	5UTR

19	EGLN2	46005108	rs8111961	0	0.092		0	intron
19	EGLN2	46007820	rs4803369	0.408	0		0.322	flanking_3UTR
19		46008195	rs41530251					
19	EGLN2	46010146	rs11083567	0.108	0.267		0.057	flanking_3UTR
19	EGLN2	46010597	rs2604866					flanking_3UTR
19	EGLN2	46010956	rs11083568	0.108	0.3	0.159	0.078	flanking_3UTR
19	EGLN2	46016524	rs2545771	0.042	0.125	0.284	0.278	flanking_3UTR
19	EGLN2	46020205	rs11879672	0.042	0.442	0	0	flanking_3UTR
19	CYP2A6	46025091	rs2644890	0.075	0.35	0	0.011	flanking_3UTR
19	CYP2A6	46028635	rs11670760	0.35	0.042	0.433	0.267	flanking_3UTR
19	CYP2A6	46029763	rs11879413					flanking_3UTR
19	CYP2A6	46030675	rs2258314	0.0417	0.0217		0.1875	flanking_3UTR
19	CYP2A6	46033429	rs7251418	0.25	0.203	0.089	0.314	flanking_3UTR
19	CYP2A6	46042735	rs28399456					intron
19	CYP2A6	46042836	rs8192729	0.009	0.019	0	0.024	intron
19	CYP2A6	46048591	rs10418304	0.008	0.186	0	0	flanking_5UTR
19	CYP2A6	46050464	rs4105144	0.263				flanking_5UTR
19	CYP2B6	46181288	rs1808682	0.225	0.033		0.244	flanking_5UTR
19	CYP2B6	46182927	rs7259758	0.009	0.057		0	flanking_5UTR
19	CYP2B6	46187273	rs3760657	0.083	0.025		0.267	flanking_5UTR
19	CYP2B6	46190188	rs2099361	0.383	0		0.289	intron
19	CYP2B6	46190573	rs6508963	0.31	0.223		0.489	intron
19	CYP2B6	46191656	rs10426235	0	0.075		0	intron
19	CYP2B6	46191829	rs2014141	0.417	0.025	0.3	0.311	intron
19	CYP2B6	46191897	rs8192711	0.033	0.025		0.022	intron
19	CYP2B6	46192053	rs8100458	0.3	0.117		0.489	intron
19	CYP2B6	46192140	rs8192712	0.083	0.025		0.256	intron
19	CYP2B6	46192433	rs4803415	0.083	0.025		0.25	intron
19	CYP2B6	46192755	rs16974796	0	0.0435		0	intron
19	CYP2B6	46193556	rs1872125	0.1				intron
19	CYP2B6	46194362	rs8101756	0.275	0.333		0.209	intron
19	CYP2B6	46194442	rs6508964	0.424	0.025		0.311	intron
19	CYP2B6	46194862	rs4803416					intron
19	CYP2B6	46195244	rs7250601	0.275	0.345		0.159	intron
19	CYP2B6	46199860	rs4803417	0.417	0.133		0.311	intron
19	CYP2B6	46200282	rs10500282	0.275	0.425	0.273	0.193	intron
19	CYP2B6	46200584	rs11672911		0.058			intron
19	CYP2B6	46201870	rs36060847					coding
19	CYP2B6	46204681	rs3745274					coding
19	CYP2B6	46206192	rs8113196	0.4	0.213		0.289	intron
19	CYP2B6	46207323	rs2279344					intron
19	CYP2B6	46207542	rs2279345	0.397	0.263	0.284	0.3	intron
19	CYP2B6	46207654	rs8192718	0.008	0		0.023	intron
19	CYP2B6	46207677	rs12721649	0	0.258		0	intron
19	CYP2B6	46208022	rs2306606	0.213	0.418		0.119	intron
19	CYP2B6	46210061	rs28399499					coding
19	CYP2B6	46211982	rs11882450	0.033	0.025		0.07	intron
19	CYP2B6	46212684	rs11673270	0.267			0.156	intron
19	CYP2B6	46213478	rs7260329	0.3				intron
19	CYP2B6	46214291	rs2291287	0.033	0.025	0.057	0.067	intron
19	CYP2B6	46214710	rs28399502					3UTR
19	CYP2B6	46215927	rs707265	0.4	0.254	0.291	0.333	3UTR
19	CYP2B6	46215993	rs1042389	0.2	0.2	0.284	0.311	3UTR
19	CYP2B6	46217792	rs1552223	0.4348	0		0.295	flanking_3UTR
19	HNRPUL1	46501835	rs1056854	0.114	0.051	0.125	0.211	coding
19	HNRPUL1	46502484	rs7245398	0.125	0.331		0.356	intron
19	HNRPUL1	46506252	rs1865053	0.125	0.3696		0.4167	flanking_3UTR
19	CCDC97	46509034	rs13344123	0	0.033	0	0	intron
19	CCDC97	46514826	rs8109627	0.2	0.317	0.256	0.367	intron
19	CCDC97	46515007	rs8109167	0.08	0.357		0.4167	intron
19	CCDC97	46516725	rs1865051	0.125	0.417	0.239	0.367	intron
19	CCDC97	46522446	rs6957	0.125	0.3478		0.413	3UTR

19	CCDC97	46525007	rs10417924	0.142	0	0.278	0.111	flanking_3UTR
19	TGFB1	46530046	rs8179181	0.325				intron
19	TGFB1	46537641	rs11466338	0.025				intron
19	TGFB1	46537712	rs8110090	0.058	0.167	0	0.011	intron
19	TGFB1	46539577	rs11466334	0.009	0.062		0	intron
19	TGFB1	46540187	rs12461895					intron
19	TGFB1	46543349	rs4803455	0.483	0.425	0.398	0.456	intron
19	TGFB1	46544099	rs2014015					intron
19	TGFB1	46545926	rs2241716	0	0.125	0.311	0.367	intron
19	TGFB1	46546225	rs11466324	0				intron
19	TGFB1	46546756	rs11466321	0.0789				intron
19	TGFB1	46548726	rs2241715	0.297	0.254	0.466	0.467	intron
19	B9D2	46552136	rs1800469	0.31	0.22	0.477	0.467	flanking_3UTR
19	PLAUR	48886202	rs11668247	0.415	0.22	0.378	0.378	flanking_5UTR
19	PLAUR	48888508	rs740587	0.475	0.433	0.466	0.489	flanking_5UTR
19	ZNF582	61592298	rs9636161	0.483	0.208	0.133	0.178	intron
19	ZNF583	61619933	rs12973407	0.475	0.491	0.102	0.167	intron
19	ZNF583	61623484	rs917650	0.467	0.5	0.1	0.14	intron
19	ZNF583	61625097	rs4281830	0.475	0.466	0.1	0.159	intron
19	ZNF583	61625676	rs917651	0.4167	0.4348		0.1667	intron
19	ZNF583	61625923	rs917652	0.4167	0.4565		0.1667	intron
19	ZNF583	61627339	rs3810340	0.475	0.475	0.091	0.156	coding
19	ZNF583	61631383	rs8104319	0.473	0.43	0.091	0.156	flanking_3UTR
19	ZNF583	61633541	rs11084449	0.475	0.45	0.093	0.159	flanking_3UTR
19	ZNF583	61633831	rs12460342	0.475	0.442	0.102	0.167	flanking_3UTR
19	ZNF583	61634034	rs11084450	0.475	0.442	0.1	0.159	flanking_3UTR
19	ZNF667	61636200	rs728232	0.483	0.433	0.114	0.156	flanking_3UTR
20	ADAM33	3596378	rs512625	0.275	0.117	0.289	0.333	flanking_3UTR
20	ADAM33	3597140	rs3746631	0	0.0682		0.087	3UTR
20	ADAM33	3597161	rs2787094					3UTR
20	ADAM33	3597679	rs543749	0.18				intron
20	ADAM33	3598127	rs2280089					intron
20	ADAM33	3599269	rs598418	0.363				intron
20	ADAM33	3599742	rs528557		0.258			coding
20	ADAM33	3600207	rs612709					intron
20	ADAM33	3601149	rs3918395	0.142	0.083	0.136	0.078	intron
20	ADAM33	3603085	rs511898					intron
20	ADAM33	3603219	rs3918392					coding
20	ADAM33	3606211	rs2853210	0.217	0.433	0.261	0.111	intron
20	ADAM33	3606931	rs487377	0.242				intron
20	ADAM33	3610142	rs554743	0.25	0.413	0.35	0.284	intron
20	PLCB4	9188838	rs6056500	0.05	0.217	0.278	0.322	intron
20	SPTLC3	12971715	rs1897293	0.375	0.383	0.367	0.3	intron
20	SPTLC3	12974863	rs1431441	0.47				intron
20	SPTLC3	12977187	rs1431436	0.11	0.085		0.067	intron
20	SPTLC3	12977308	rs1431434	0.119	0.095		0.067	intron
20	SPTLC3	12982735	rs6033599	0.1458	0.1087		0.1458	flanking_3UTR
20	SPTLC3	12982811	rs6033600	0.117	0.092		0.067	flanking_3UTR
20	SPTLC3	12982865	rs6033601	0.119	0.092		0.067	flanking_3UTR
20	SPTLC3	12982926	rs6041817	0.117	0.092		0.067	flanking_3UTR
20	SPTLC3	12984227	rs6109674	0.102	0.05		0.068	flanking_3UTR
20	SPTLC3	12984336	rs6041818	0.121	0.095		0.068	flanking_3UTR
20	SPTLC3	12984607	rs6041820	0.117	0.092		0.078	flanking_3UTR
20	SPTLC3	12985152	rs6041822	0.117	0.092		0.078	flanking_3UTR
20	NKX2-2	21500714	rs6082456	0.364	0.125		0.409	flanking_5UTR
20	DHX35	37187116	rs6124112	0.297	0.158		0.244	flanking_3UTR
20	DHX35	37230035	rs6028308	0.296	0.158		0.244	flanking_3UTR
20	DHX35	37250882	rs6129210	0.258	0.085	0.205	0.256	flanking_3UTR
20	DHX35	37307227	rs932426	0.25	0.147		0.398	flanking_3UTR
20	SLC9A8	47874575	rs6063438	0.3125	0.1304		0.125	intron
20	SLC9A8	47874914	rs6067243	0.158	0.2		0.1	intron
20	C20orf174	57247948	rs7264927	0.102				intron

20	OSBPL2	60268960	rs6089707	0.025	0.288	0.023	0	intron
21	C21orf34	16586601	rs2823741	0.117	0.317	0.284	0.356	intron
21	LOC284821	24889322	rs7277223	0.008	0.267		0	flanking_5UTR
21	LOC284821	24890938	rs7283303	0.008	0.102		0	flanking_5UTR
21	LOC284821	24910194	rs2408980	0.01	0.102		0	flanking_5UTR
21	LOC284821	24911290	rs17000152	0.008	0.092		0	flanking_5UTR
21	LOC284821	24911738	rs11909465	0.008	0.008		0	flanking_5UTR
21	ADAMTS5	27203891	rs162526	0.425	0.458	0.068	0.078	flanking_3UTR
21	C21orf94	28467064	rs2831605	0.108	0.125	0	0.011	flanking_3UTR
21	C21orf100	28804530	rs2831873	0.233	0.358		0.1	flanking_5UTR
21	C21orf100	28807057	rs2831877	0.241	0.325		0.105	flanking_5UTR
21	C21orf100	28816416	rs2831887	0.233	0.2727		0.1	flanking_5UTR
21	SYNJ1	32943699	rs2833933	0.467	0.2	0.443	0.478	intron
21	SETD4	36055232	rs2835132	0.025	0.35	0.295	0.267	flanking_3UTR
21	DSCR8	38426226	rs2836162	0.466	0.292	0.148	0.2	intron
21	FLJ45139	39302119	rs2836823	0.442	0		0.011	flanking_5UTR
21	BRWD1	39564059	rs6517532	0.076	0.025		0.267	intron
21	ADARB1	45435270	rs6518216	0	0.35	0.182	0.111	intron
21	ADARB1	45443029	rs2838806	0.398	0.458	0.443	0.489	intron
21	ADARB1	45443429	rs2838807	0.342	0.059	0.367	0.4	intron
21	ADARB1	45443910	rs9980546	0.033	0.069	0	0	intron
21	ADARB1	45444268	rs1556318	0.051	0.117	0.182	0.111	intron
21	ADARB1	45445866	rs2838809	0.051	0.117	0.182	0.111	intron
21	ADARB1	45452115	rs2838813	0.398	0.467	0.443	0.489	intron
21	ADARB1	45452647	rs17004752	0	0.0217		0	intron
21	ADARB1	45454018	rs2838815	0.4	0.45	0.443	0.489	intron
21	ADARB1	45454470	rs2838816	0.051	0.242	0.182	0.111	intron
21	ADARB1	45458574	rs2225434	0.367	0.442	0.432	0.489	intron
21	ADARB1	45459394	rs2150439	0.322	0.092	0.375	0.4	intron
21	ADARB1	45465445	rs2838818	0.381	0.4565	0.5	0.467	intron
21	ADARB1	45467192	rs2253763			0.341	0.367	UTR
21	ADARB1	45470143	rs4819035					3UTR
21	ADARB1	45470433	rs2838820	0.364	0.39	0.352	0.367	3UTR
21	ADARB1	45470692	rs1051385	0.059	0.142	0	0	3UTR
21	ADARB1	45470974	rs2838821	0.356	0.208	0.307	0.333	flanking_3UTR
21	ADARB1	45471506	rs914210	0.415	0.142	0.295	0.367	flanking_3UTR
21	ADARB1	45472010	rs748559	0	0.258	0.125	0.222	flanking_3UTR
21	ADARB1	45476278	rs17004755	0	0.196	0.081	0.171	flanking_3UTR
21	ADARB1	45476918	rs4592938	0	0.211	0.11	0.227	flanking_3UTR
21	ADARB1	45477995	rs9981665	0	0.136	0	0	flanking_3UTR
21	ADARB1	45478260	rs12329821	0	0.202	0.122	0.222	flanking_3UTR
21	ADARB1	45478846	rs3753016	0.3043	0.3333		0.4583	flanking_3UTR
21	ADARB1	45479145	rs6518219	0.025	0.283	0.284	0.3	flanking_3UTR
21	ADARB1	45479813	rs2838824	0.025	0.15	0.278	0.3	flanking_3UTR
22	MYO18B	24667911	rs2269640	0.183	0.35	0.227	0.189	intron
22	SEZ6L	24964750	rs9620595	0.042	0.317		0.067	intron
22	MN1	26402029	rs17384972	0.017	0.008		0.022	flanking_3UTR
22	MTMR3	28673846	rs737903	0.108	0		0	intron
22	MTMR3	28714053	rs17713999	0.102	0		0	intron
22	MTMR3	28730861	rs17646919	0.108	0		0	intron