

Supplementary Table 1. Clinical and pathological data of individuals used in gene expression analysis

	Age at death (yrs)	Gender	CDR	Stages of Senile changes		
				Braak	CERAD	LB
Controls						
1	71	F	0	0	0	-
2	79	M	0	1	0	-
3	81	F	0	1	0	-
4	77	M	0	1	A	-
5	57	M	0	0	0	-
6	65	F	0	0	0	-
7	59	F	0	0	0	-
8	89	M	0	2	0	-
9	82	F	0	0	0	-
10	94	F	0	2	0	-
Alzheimer's disease						
1	99	F	3	5	B	-
2	82	F	2	4	B	-
3	86	F	1	4	C	-
4	83	F	3	5	A	-
5	69	M	2	6	C	-
6	87	F	3	5	B	-
7	82	F	2	5	C	-
8	77	F	3	4	A	-
9	83	F	3	6	C	-

Braak stage = neurofibrillary tangle; CERAD (Consortium to Establish a Registry for Alzheimer's Disease) = neuritic plaques; LB=Lewy body; CDR=Clinical Dementia Rate.

Name	CHR	Probe_SNPs	Probe_SNPs_10	UCSC_RefGene_Name
cg01391297	1			LOC645676;ASH1L
cg23676114	9			SUGT1P1;CHMP5;BAG1
cg23261413	11			LOC100130987
cg15700489	1			RNU11
cg11005826	11			IGF2AS;INS-IGF2;IGF2;IGF2AS
cg02587316	19			ZNF529;ZNF382;ZNF529;ZNF529
cg19768013	5			C5orf27
cg15951280	5			LOC728613
cg24789143	8	rs10090565		USP17L2;FAM66D
cg22725460	2			SH3RF3;LOC100287216
cg12974337	10			LOC283050;LOC283050;LOC283050
cg03438079	16			TRAF7;SNORD60
cg08307039	5			TRIM23;C5orf44;TRIM23;C5orf44;TF
cg13837916	6			GUSBL1
cg16696856	19			LOC113230
cg02282626	6	rs9391806		HLA-L
cg05446860	20			LOC284798;LOC284798;LOC284798
cg16503683	11	rs59856964		ZFP91;LPXN;ZFP91-CNTF
cg10098541	3			PDIA5;PDIA5
cg06241765	8			INTS9;INTS9;HMBOX1;HMBOX1;INT
cg11538417	6		rs34548063	DOM3Z;STK19;DOM3Z;STK19;STK19
cg02526277	11			LOC494141;LOC494141;LOC494141
cg01399860	9	rs71505264		NCRNA00094
cg27020253	6		rs80160561	HLA-L
cg14981132	12			HNRNPA1;HNRPA1L-2;HNRNPA1
cg22772418	7			HOXA11AS
cg12901283	17			COX11;COX11;COX11;COX11;COX11
cg27367045	16			MGC3771;MGC3771;ZNF205;ZNF20
cg24895779	19		rs62106093	UCA1
cg25358410	9			IARS;IARS;SNORA84;IARS
cg12605341	20			LOC388789
cg19376858	6			TNXB;TNXB;TNXA;STK19;STK19
cg13881327	3	rs2290311		RPL32;SNORA7A;RPL32;RPL32;RPL3
cg02613624	11	rs14367		INS-IGF2;IGF2;IGF2;IGF2
cg12432898	17			FLJ35220;LOC100294362;FLJ35220;f
cg04582861	17			BRCA1;BRCA1;BRCA1;BRCA1;BRCA1
cg18801245	12			LARP4;LARP4;LARP4;LARP4;LARP4;L
cg07147033	1			MIB2;MIB2;MIB2;MIB2;MIB2
cg02213716	13			UBAC2;UBAC2;UBAC2;UBAC2
cg15742049	10			NCRNA00081;NCRNA00081;SHOC2;
cg06809295	11	rs2283194		KCNQ1OT1;KCNQ1;KCNQ1
cg12636325	17			RNF126P1
cg09677763	11	rs78285343		NUP98;PGAP2;NUP98;PGAP2;PGAP?

cg23358625	19	RPSAP58
cg07074757	2	CLASP1;CLASP1;CLASP1;RNU4ATAC
cg00378218	17	SCARF1;SCARF1;SCARF1;SCARF1;SC
cg13947830	1	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2
cg13685329	2	CCT7;CCT7;CCT7;CCT7;C2orf7;CCT7;
cg11717189	11	INS-IGF2;IGF2;IGF2;IGF2
cg03940153	2 rs72223545	SMPD4;SMPD4;SMPD4;SMPD4;SMP
cg17455183	1	GORAB;GORAB;GORAB
cg07439409	6	MIR548H3;C6orf167
cg23010048	19 rs75075099	ZNF577;ZNF577;ZNF577
cg01101865	14	FLJ43390
cg27032957	6	HCG27
cg10146807	11	API5;API5;API5;API5
cg20503416	11	MALAT1
cg13556639	2	NEURL3
cg19031271	17	LOC100306951;INPP5K;INPP5K;INPF
cg16560453	3	ZBTB11;LOC100009676
cg27169539	14	RAB2B;RAB2B;TOX4;RAB2B;RAB2B
cg00485047	16	NDE1;MIR484;KIAA0430
cg08127941	6	TRIM39;HCG18;HCG18;TRIM39
cg11935027	4	SNHG8;SNORA24
cg02670096	5 rs79066055	LOC100268168;RPL26L1;LOC100268
cg04283751	10	C10orf41;ZNF503;C10orf41
cg16698201	6	SNORD50B;SNHG5;SNORD50A
cg21793016	6 rs3757333	ZNRD1;ZNRD1;NCRNA00171
cg02595819	19	ZNF547;TRAPPC2P1
cg19548283	14	FLJ31306;FLJ31306;ARID4A;ARID4A;
cg01640215	16 rs226058	CRYM;NCRNA00169
cg09545860	5	SAP30L;SAP30L;SAP30L;SAP30L
cg22012577	6	HLA-J;NCRNA00171
cg15066416	17	LOC100272146;C17orf57
cg01590439	8	NCRNA00051
cg20488697	17	LOC92659;MAFG
cg21751540	19 rs2914637	ZNF738
cg00301159	3	C3orf55;C3orf55;C3orf55;C3orf55
cg14025299	15	SPATA5L1;SPATA5L1
cg25828462	15	LOC283731;ISLR2;ISLR2;ISLR2;ISLR2
cg25233816	3 rs61735736	LOC344595;LOC344595;LOC100302
cg16615348	5	VTRNA1-1
cg10605084	12	LOC144571
cg21782985	1	C1orf203;C1orf203;C1orf203;C1orf2
cg21271452	8	CHRAC1;CHRAC1
cg14833160	19	BAX;BAX;BAX;BAX;BAX
cg06808983	17	G6PC3;G6PC3;G6PC3;G6PC3

cg10621825	6		STL
cg01683044	12		HOXC4;HOXC6;HOXC5
cg05038466	2		TTC31;TTC31;CCDC142
cg03364381	21		NCRNA00111
cg02204046	2		MYCN;MYCN;MYCNOS
cg15855184	11		DKFZp779M0652
cg03402794	13		RPL21;RPL21P28
cg12634276	4		SNORA26;KIAA0114
cg17338969	7	rs3991551	PILRB;PMS2L1;PILRB
cg00559939	2	rs76690140	RAPGEF4;LOC91149
cg00187380	12		HOXC4;HOXC5;HOXC5
cg03041602	8	rs6984839	HAS2AS;HAS2
cg01811561	16		GFOD2;GFOD2;GFOD2
cg17512353	6		HLA-L
cg23246703	2		FLJ32063
cg01656770	3	rs3749386	LOC100128640;ACVR2B
cg27565645	19		BAX;BAX;BAX;BAX;BAX
cg18155032	2		TRIB2;TRIB2;TRIB2
cg07608496	21		MCM3APAS;LSS;LSS;LSS;LSS
cg10866755	2		ZNF385B;MIR1258
cg18433293	15		LOC729082
cg16127286	4	rs7678308 rs1573955	SNHG8;SNORA24
cg05411953	19		NCRNA00085
cg04539241	17		SNORA76
cg20727290	15	rs74895554	BBS4;HIGD2B
cg20431766	2		MYCN;MYCNOS
cg00891649	17		MAPT;MAPT;LOC100130148;LOC100
cg24895178	17		HS3ST3B1;MGC12916
cg12148979	2		FAM128A;LOC150776
cg14915787	3	rs61740275	LOC344595;LOC344595;LOC100302
cg09043226	6		AGPAT1;RNF5;RNF5P1
cg01931958	12	rs61742296	ERC1;ERC1;ERC1;ERC1;ERC1
cg08097631	14	rs61980703	C14orf48;C14orf48;C14orf48
cg04114368	1		BRP44;DCAF6;BRP44;BRP44;DCAF6
cg03163767	16		FAM96B;CES2;FAM96B;CES2
cg25102782	2		PRKRA;DFNB59;PRKRA;PRKRA;MIR5
cg26181880	10		MARVELD1;MARVELD1
cg11760602	12		LOC374443
cg10061567	6	rs17194824	TRIM39;HCG18;HCG18
cg23731991	7		FLJ43663;MKLN1
cg15226501	16		CHTF8;CHTF8;CHTF8;CHTF8;CIRH1A
cg17361803	10		C10orf41;C10orf41
cg11773816	4		LOC285548
cg15741124	17		CYB5D2;CYB5D2;CYB5D2

cg00580022	22		CECR4;CECR5;CECR5;CECR4
cg17051733	3		SOX2OT;SOX2
cg14460816	14		FLJ31306;ARID4A;FLJ31306;ARID4A;
cg08198480	5		LOC285696
cg10641615	12		HOTAIR
cg08598296	10		RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB1
cg06636001	8	rs12676034	FLJ10661;FLJ10661;FLJ10661
cg11844660	13		UBAC2;UBAC2;UBAC2
cg12336877	9		LOC100289341;MAN1B1
cg07203320	3	rs78321136	COPB2;COPB2
cg04739460	19	rs78042922	ZNF415;ZNF415;ZNF415;ZNF415
cg08365618	3		OXSM;NGLY1;OXSM;OXSM
cg04918358	2	rs56913233	LMAN2L;LMAN2L;LMAN2L;LMAN2L;
cg18755204	10		FAM45B;FAM45A
cg13844899	7		EFCAB10
cg16981259	6		BAT1;SNORD84;BAT1
cg04474007	19	rs76526663	NCRNA00085
cg13524302	6		HLA-DPB2
cg18296956	5		VTRNA1-1
cg02275292	7		CCM2;CCM2;CCM2;CCM2
cg10501065	11		IGF2AS;INS-IGF2;IGF2;IGF2AS
cg26397662	15	rs17115340	SNORD115-14
cg23478098	5		LOC645323;LOC645323
cg12587382	1		FAM54B;FAM54B;FAM54B;LOC6464
cg02891153	7		LOC100128822
cg08887961	10		RHOBTB1;RHOBTB1
cg20680460	1	rs74849649	BRP44;BRP44;DCAF6;BRP44;DCAF6
cg13795840	19		CIRBP;CIRBP;C19orf24
cg04621664	6		C6orf48;C6orf48;C6orf48;SNORD48;
cg15737319	2		MTHFD2;MTHFD2;MTHFD2
cg11496747	3		PDIA5;PDIA5
cg10319512	2		ZEB2;ZEB2;ZEB2
cg06868473	12	rs7301155	SHMT2;SHMT2;SHMT2;SHMT2;SHM
cg20560141	12		LOC338758
cg22358797	18		MBD2;SNORA37;MBD2
cg18470891	12		FOXM1;C12orf32;C12orf32;FOXM1;
cg21910709	5	rs72703166	BRD9;BRD9;BRD9;TRIP13;TRIP13
cg14752069	8		FAM66D
cg00449210	7		CBLL1;CBLL1
cg04891959	17		SHBG;SHBG;SAT2
cg17665927	11	rs78341923	INS-IGF2;INS-IGF2;IGF2;IGF2
cg12616721	3		LOC100128640;ACVR2B
cg04079206	9		LOC340508
cg16767968	17		SCARNA16;C17orf86

cg04580897	3	rs3772142	SNORA6;RPSA;RPSA
cg01101058	14		SFRS5;SFRS5;LOC100289511
cg26071823	14		DCAF11;DCAF11;DCAF11;DCAF11;DI
cg13304297	3		C3orf50
cg04134452	16	rs17135720	SNHG9;SNORA78;RPS2
cg12825059	10		SEC61A2;SEC61A2;SEC61A2;SEC61A
cg08880423	12		NCRNA00173;NCRNA00173
cg09178844	1		BTF3L4;BTF3L4;TXNDC12;BTF3L4
cg15662822	6		BTN2A3
cg02352653	5		SMAD5;SMAD5;SMAD5;SMAD5OS
cg12362060	15		LOC729082
cg19974448	10		LOC100169752
cg06503216	16		ATXN1L;ATXN1L
cg23628968	1		SPEN;FLJ37453
cg07022885	11		KIAA0652;KIAA0652;KIAA0652;HARE
cg24401870	13		KLHL1;KLHL1;ATXN8OS
cg07203134	3		TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK
cg25896734	7		EFCAB10
cg15842967	11		KDM2A;KDM2A
cg15846718	6		COX7A2;COX7A2
cg14629287	6		LOC285830;LOC285830
cg14820798	7		ZNF767;ZNF767
cg00704554	11		LOC100128239
cg04080595	1		PRDM16;FLJ42875;PRDM16;FLJ4287
cg06254556	20	rs1203897	C20orf56
cg20095680	19		BAX;BAX;BAX;BAX;BAX
cg27294431	1		TPR;C1orf27;MIR548F1;C1orf27;C1c
cg00577578	1	rs75003897	GBAP1
cg08596028	7		SSBP1;FLJ40852
cg25349370	5		FGF1;FGF1;FGF1;FGF1;FGF1;FGF1
cg12426141	15		TCF12;TCF12;LOC145783;TCF12;TCF
cg14594481	12		MLF2;MLF2
cg18403792	5		LOC645323;LOC645323;LOC645323
cg15950337	11	rs77980976	KIAA0652;KIAA0652;KIAA0652;KIAA
cg25326570	20		GNAS;GNAS;GNAS;GNASAS
cg05550612	16		GLG1;GLG1;GLG1;GLG1;GLG1
cg11119235	7		ST7;ST7;ST7OT4;ST7OT1;ST7;ST7
cg00735843	14		MUDENG;MUDENG;EXOC5;MUDEN
cg01363734	12		TESC;TESC;TESC
cg25000382	16		LOC652276
cg03655940	16		MIR484;NDE1;NDE1;KIAA0430
cg04561804	3		LOC100128164;SEC62;LOC10012816
cg27026909	14		FLJ31306;FLJ31306;ARID4A;ARID4A;
cg10336144	1		NFYC;NFYC;NFYC;LOC100130557;NF

cg02599225	10		LOC219347;C10orf57;LOC219347;LC
cg09039689	11		KIAA0652;KIAA0652;KIAA0652;HARE
cg09694722	11		INS-IGF2;IGF2AS;IGF2;IGF2;IGF2AS;I
cg20196910	2		DCAF17;METTL8;METTL8;DCAF17;D
cg16298927	6		C6orf122;C6orf208
cg13167753	1	rs34437895	SYT14;SYT14;SYT14;SYT14;SYT14;SY
cg01872779	4		MFSD10;C4orf10;MFSD10
cg01187997	11		HCCA2;LOC338651
cg12364131	15		LOC254559
cg05777976	11	rs17881164	IGF2AS;INS-IGF2;IGF2;IGF2;IGF2AS
cg19356389	6		RING1;MIR219-1
cg12452106	3		C3orf49
cg07523753	1		FLJ42875
cg14526843	3		KPNA1;KPNA1
cg15131784	3	rs11706576	COPB2;COPB2
cg27578974	19	rs74924657	LOC284441
cg19440484	8		C8orf83
cg13915892	2		LMAN2L;LMAN2L;LMAN2L;LMAN2L;
cg01522721	19		MIR1181;CDC37
cg01134309	16	rs55973164	ACSF3;ACSF3;ACSF3
cg26781726	12	rs11043201	LOC338799
cg10531748	10		LOC100128292;DLG5
cg25428451	1		LOC339524;LOC339524;LOC339524;
cg19463885	2		DTYMK;DTYMK;DTYMK
cg09452728	11		LOC100128239
cg16085042	12		LOC253724;HSP90B1
cg21789280	1		HSPC157;HSPC157
cg10650127	11		IGF2;INS-IGF2;INS-IGF2
cg14134703	5		BRD9;BRD9;BRD9
cg26793905	1		RNU11
cg08215532	7		DPY19L2P4
cg03250742	4	rs922697	SPON2;LOC100130872-SPON2;SPON
cg00671225	6	rs15479	RPS12;SNORA33
cg19256675	7		PMS2L2;STAG3L1;STAG3L1
cg19342782	1		HHLA3;ANKRD13C;HHLA3;HHLA3;HI
cg26561998	4		LOC729338;BBS12
cg15559584	6	rs1059288	TAPBP;TAPBP;RGL2;RGL2
cg06193393	7	rs3735244	GATS;GATS;GATS;GATS
cg09763180	10		MIR202
cg26366417	3		SDHAP2
cg08892370	1		MGC12982
cg26979056	22		UBE2L3;UBE2L3;UBE2L3
cg04317940	7		PMS2;AIMP2;PMS2
cg16204552	7		RPS2P32

cg24534135	2		LOC643387;LOC151174;LOC151174
cg08039008	3	rs4927700	SDHAP1
cg02642822	17		LOC404266;LOC404266
cg10423910	5		SLC12A2;FLJ33630
cg12029639	13		MIR548F5;NBEA;MAB21L1
cg19271190	6		LST1;LST1;LST1;LST1;LST1;LST1;LST1
cg03754250	10	rs1612433	ZNF438;ZNF438;ZNF438;ZNF438;ZN
cg26180383	8		MIR1207;PVT1
cg13413744	9		SUGT1P1;NOL6;NOL6
cg13319286	10	rs12263149	RHOBTB1;RHOBTB1
cg11985680	1		SNORD45C;RABGGTB
cg09891393	16		LOC100129637
cg13443953	12	rs2231747	NECAP1;NECAP1
cg06384413	17		LOC404266;LOC404266;LOC404266;
cg09000356	17		SCARNA16;C17orf86
cg14674124	10	rs78846868	MIR202
cg05300697	1		BRP44;DCAF6;BRP44;BRP44;DCAF6
cg09741592	12		HNRNPA1;HNRPA1L-2;HNRNPA1
cg14431528	14		MIR453;MIR485;MIR668
cg01783662	3		SOX2OT
cg12829142	7		RPS2P32
cg20004406	19		ZNF542;ZNF542;ZNF542;ZNF542
cg11023442	17		LOC100306951;INPP5K;INPP5K;INPF
cg14971895	10		GPR158;LOC100128811
cg03841560	21		MCM3APAS;LSS;LSS;LSS;LSS
cg15207422	19		LOC729991-MEF2B;LOC729991-MEF
cg06938143	8		C8orf12
cg13378519	1		GNRHR2;PEX11B
cg26859841	1		DUSP5P
cg24842733	6		SNAP91;SNAP91
cg08445226	3		C3orf26;MIR548G
cg08268266	16		LITAF;LITAF;LITAF;LITAF
cg18323835	5	rs34933713	HINT1;HINT1;HINT1
cg22138461	2		DCAF17;METTL8;METTL8;DCAF17;D
cg11882478	17		SHBG;SAT2;SHBG
cg11346962	7		FLJ45340
cg14092529	5		LOC728411;LOC728411;LOC728411
cg02425416	11	rs17885389	IGF2AS;INS-IGF2;IGF2;IGF2;IGF2AS
cg13750180	7		ZNF815
cg11985277	14		FUT8;FUT8;FUT8;FUT8;FUT8;FUT8;L
cg08610383	16		GFOD2;GFOD2;GFOD2
cg18020072	6	rs9688644	SNORA38;BAT2
cg19747960	8	rs79576182	C8orf12
cg24949133	16	rs153211	RRN3P2

cg02238136	3		ZNF620;ZNF620
cg27304754	16		CALB2;CALB2;CALB2
cg14184693	15		SERF2;MIR1282
cg11321965	19		MORG1;MORG1;C19orf56;MORG1;M
cg04628802	16		CALB2;CALB2;CALB2
cg02672678	3		NCBP2;LOC152217;NCBP2
cg18268988	11		TIMM8B;SDHD;TIMM8B
cg03658244	18	rs77243838	MAPRE2;MAPRE2;MAPRE2;MAPRE2
cg18159646	11		SNORD22;SNORD31;SNORD30;SNHC
cg24569270	16		MGC23284;MVD;MGC23284
cg03810913	10		LOC283050;LOC283050;LOC283050;
cg15229153	17		RPAIN;RPAIN;RPAIN;RPAIN;RPAIN;R
cg17783086	17	rs75874866	LOC146880;LOC146880
cg23384340	11	rs12786431	MED19;TMX2;TMX2;TMX2
cg08016363	17	rs59253142	TMEM11;TMEM11
cg22806002	11		BTG4;MIR34C;MIR34B
cg00221327	6		DAXX;DAXX;DAXX;DAXX
cg00565075	22		MIR659;EIF3L
cg02662155	11		KIAA0652;KIAA0652;KIAA0652;HARE
cg00909926	1		ESRRG;ESRRG;ESRRG;ESRRG;ESRRG
cg06800444	8		TM2D2;TM2D2;ADAM9;ADAM9;AD
cg14286941	20		EDEM2;EDEM2;EDEM2
cg02398725	11		CREBZF;CREBZF;CREBZF;CREBZF;CRE
cg07599979	21		DSCR9
cg13303256	6		PHF1;PHF1;PHF1
cg18735641	6	rs17190183	HCG22
cg22226091	18		ATP5A1;HAUS1;HAUS1
cg16474117	12		CALCOCO1;CALCOCO1;CALCOCO1
cg01644741	20		MIR1259;SNORD12B;C20orf199;C20
cg05663643	6		ZNRD1;ZNRD1;NCRNA00171
cg14835962	22		THAP7;THAP7;FLJ39582;FLJ39582
cg26439916	16		TRAF7;SNORD60
cg13149127	1		C1orf61;MIR9-1
cg18183073	5		FLJ42709;FLJ42709
cg25267526	19		MORG1;MORG1;MAN2B1;MORG1
cg06951969	15		SMAD6;SMAD6
cg07679725	2		TMEM185B
cg15397506	4		LOC93622
cg03382121	6		DAXX;DAXX;DAXX;DAXX
cg10259392	11		LRTOMT;LRTOMT;NUMA1;LRTOMT;
cg13780516	9		GGTA1
cg15213565	6		TRIM39;HCG18;HCG18;TRIM39
cg16880856	7		FABP5L3;MLL3
cg10387807	1		C1orf27;C1orf27;MIR548F1;C1orf27

cg14037240	10	rs9424166	rs75365661	ASB13;ASB13
cg18846731	11			CREBZF;CREBZF;CREBZF;CREBZF;CRE
cg20863107	13			DLEU2
cg22841336	12			ATP5B;SNORD59A
cg05205351	20	rs73576051		NOP56;SNORD110;NOP56;SNORA51
cg00704289	14			RAB2B;TOX4;RAB2B;RAB2B
cg04270358	5			LOC645323;LOC645323;LOC645323
cg02780767	12		rs4883091	LOC653113
cg08329777	17			LOC92659;MAFG
cg04114269	3			C3orf26;FILIP1L;MIR548G;FILIP1L
cg15160445	20			GNAS;GNAS;GNAS;GNASAS
cg03626025	15			CCNDBP1;CCNDBP1;CCNDBP1;CCNE
cg12480658	2			ATF2;MIR933
cg08375286	6			DAXX;DAXX;DAXX;DAXX
cg15460330	8	rs7840270		TM2D2;TM2D2;ADAM9;TM2D2;ADA
cg06685111	6			HCG18;TRIM39;TRIM39;HCG18;TRIM
cg22230395	5			FAM114A2;MFAP3;MFAP3;MFAP3
cg14088052	7			CCM2;CCM2;CCM2;CCM2
cg20440041	19			ZNF382;ZNF529;ZNF529;ZNF529
cg11136708	22			ZNF74;ZNF74
cg09522706	7			MCM7;MCM7;MIR25;MIR93
cg03046332	3			FYTTD1;FYTTD1;FYTTD1;KIAA0226
cg16311158	13			UBAC2;UBAC2;UBAC2;UBAC2
cg09537434	19	rs13346603		ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP!
cg04088697	7	rs1476605		DLX6AS
cg19910802	14		rs74086033	C14orf132
cg08335854	5			LOC285696;BASP1
cg00819055	2			UGGT1;UGGT1
cg27495572	2		rs11896779	TTN;TTN;TTN;MIR548N;TTN
cg06379531	1			TSEN15;TSEN15;TSEN15
cg11995506	6			RNF5;AGPAT1;RNF5P1;RNF5
cg21085351	17			SNORD104;SNORA76
cg16817891	11			IGF2AS;INS-IGF2;IGF2;IGF2AS
cg02000145	6	rs2239526		BAT1;SNORD84;BAT1
cg19182014	20	rs76425596		HMGB3L1
cg11111696	10			ZNF438;ZNF438;ZNF438;ZNF438;ZN
cg14230378	3			NUDT16P;NUDT16P
cg19543987	2		rs57336116	CCT7;CCT7;CCT7;CCT7;C2orf7;CCT7;
cg21356536	6			MOCS1;MOCS1
cg21358678	6			RNF5;RNF5P1
cg07793148	1			C1orf200;PIK3CD
cg14645481	5			HINT1;HINT1;HINT1
cg17606683	11			C11orf73;C11orf73;C11orf73;C11orf
cg14036884	19			XAB2;LOC100131801;LOC10013180:

cg17752846	2	MTX2;MTX2;MTX2
cg18442830	17	LOC284009
cg17416608	12	ERC1;ERC1;ERC1;ERC1;ERC1
cg02505002	19 rs61739688	C3P1
cg13346869	8	LOC728024;ERLIN2
cg20333067	17	ZNF207;MIR632;ZNF207;ZNF207
cg26529556	17	SNORD104;SNORA76
cg02233558	5	SLC12A2;FLJ33630
cg07962315	9	OSTF1;C9orf95;C9orf95;C9orf95
cg27426882	7	PMS2L11
cg09994773	1	MIR34A
cg03997643	9	RNU6ATAC
cg07363270	2	LOC440925
cg11572390	1	SMG5;TMEM79;TMEM79
cg06868758	2	EEF1B2;EEF1B2;SNORD51;NDUFS1;E
cg15981195	9	FLJ35024;VLDLR;VLDLR
cg24451074	3	H1FX;C3orf47
cg20009101	22	psiTPTE22
cg17036441	3	NCBP2;LOC152217;NCBP2
cg18088712	1	CROCCL2
cg20289299	6 rs1059306	SNHG5;SNORD50B;SNORD50A
cg05200614	14	MEG3;MEG3;MEG3
cg23837897	17 rs12937360	COX11;COX11;COX11;COX11;STXBP4
cg23576358	4	LOC93622
cg15196165	6	HCG9
cg16682926	20	GNASAS
cg20787693	1	FAM54B;FAM54B;FAM54B;FAM54B
cg04690289	3 rs79296608	ZDHHC3;ZDHHC3;EXOSC7;ZDHHC3;EXOSC7
cg25730804	7	DPY19L2P4
cg18080509	6	C6orf147
cg26580576	4	LOC93622
cg01356463	12 rs4767067	C12orf47;MAPKAPK5;MAPKAPK5
cg20027050	11	LRTOMT;LRTOMT;LRTOMT;LRTOMT
cg26336277	3	FYTDD1;KIAA0226;KIAA0226;FYTDD1
cg04598683	11	NCRNA00167;PRDM10;PRDM10
cg14622857	15	LOC646214
cg21420531	2	SLC5A6;C2orf28;SLC5A6;C2orf28;C2orf28
cg01171597	15	ADPGK;ADPGK;ADPGK
cg07664027	19	RPL13AP5;RPL13A
cg09670616	2	ZEB2;ZEB2;ZEB2;ZEB2;ZEB2
cg00617305	1	SHISA4;SHISA4;SHISA4
cg26419621	1 rs41270837	SNHG3-RCC1;SNHG3;SNHG3-RCC1;SNHG3
cg11540416	15	HEXA;C15orf34
cg16906300	20	HSPC072;LOC100270804;HSPC072

cg03019000	3		TEX264;TEX264;TEX264
cg02779230	1		TRNAU1AP;TRNAU1AP
cg23521835	6	rs13197636	STL
cg06048102	13		GUCY1B2
cg18912574	7		NCRNA00174
cg15671181	18		AQP4;AQP4;C18orf16
cg01194468	9		SUGT1P1;CHMP5;BAG1
cg08798701	3		RPL32P3
cg16865908	11		LOC399959;MIR125B1
cg06368721	6		STK19;STK19;DOM3Z;STK19
cg05384664	11	rs3213232	INS-IGF2;IGF2;IGF2;IGF2
cg10866856	20		FER1L4
cg19415743	11		TMEM41B;TMEM41B;TMEM41B
cg16065241	17		DNAJC7;NKIRAS2;DNAJC7;DNAJC7
cg20271396	1		TSEN15;TSEN15;TSEN15
cg04894169	3	rs3731055	XPC;XPC;XPC;LSM3
cg03876030	11		NCRNA00167;PRDM10;PRDM10
cg27228559	10		CASC2;RAB11FIP2;CASC2;CASC2
cg12376277	22		TUG1
cg16769595	3		MOBP;MOBP
cg08576598	7	rs3034485	WNT2;WNT2
cg03543403	12		DIABLO;DIABLO;DIABLO;DIABLO
cg03172947	20		DBNDD2;DBNDD2;DBNDD2;DBNDD2
cg02997086	17		DNAJC7;DNAJC7;DNAJC7;NKIRAS2
cg14009632	6		TJAP1;TJAP1;TJAP1;TJAP1;TJAP1;TJA
cg05827631	1		LOC647121
cg26227225	1		C1orf86;LOC100128003;C1orf86
cg09697458	16		CALB2;CALB2;CALB2
cg00328284	8		ANK1;ANK1;ANK1;ANK1;ANK1;ANK1
cg17176195	11	rs72166545	LOC100133315;RNF121;RNF121;RNI
cg04556854	4	rs61739499	BBS12;LOC729338
cg03054141	12		NECAP1;NECAP1
cg16265348	20		LOC284798;LOC284798;LOC284798
cg26900259	5		TRIM23;C5orf44;TRIM23;TRIM23;C5
cg04712457	11	rs35773617	OTUB1;OTUB1
cg23489587	5		LOC728554
cg23395310	9		SNHG7;SNHG7;SNHG7
cg17542751	22		PARVG;PARVG
cg23940614	15	rs923968	SH3GL3;SH3GL3
cg25477181	22		PITPNB;LOC284900;LOC284900
cg09250933	2		PAX8;PAX8;PAX8;PAX8;PAX8;LOC44
cg17143518	18		CABLES1;CABLES1
cg01492656	4		N4BP2;LOC344967
cg11456838	6		OSTCL

cg13947334	9		C9orf27
cg14244887	9		LOC554202
cg24343312	7		LOC401397;LOC401397
cg12608507	2		EEF1B2;EEF1B2;SNORD51;NDUFS1;S
cg11150068	10		XPNPEP1;XPNPEP1;XPNPEP1
cg00004963	6	rs259389	LOC729176;C6orf103
cg22877570	3		TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK
cg02895602	14	rs76713753	MIR1185-2
cg23146741	8		RNF170;RNF170;RNF170;RNF170;RN
cg18340059	14		RTL1;MIR431;MIR433
cg19131227	11		IGF2AS;INS-IGF2;IGF2;IGF2;IGF2AS
cg02819921	2		E2F6;E2F6;E2F6;E2F6;E2F6
cg17602882	19		MIR1181;CDC37
cg04834666	20		EDEM2;EDEM2;EDEM2
cg18730744	20		SNORD119;SNRPB;SNRPB
cg10638415	19		ZNF542;ZNF542;ZNF542;ZNF542
cg06189265	1	rs75315904	GAS5;SNORD76;SNORD75;SNORD77
cg10781814	19	rs73922817	LOC729991-MEF2B;LOC729991-MEF
cg01047218	11		KDM2A;KDM2A
cg13247671	7		MKLN1;FLJ43663
cg07708721	6		SNORA38;BAT2
cg03108344	6	rs7762217	RAET1K
cg12760563	18		DLGAP1;FLJ35776;DLGAP1
cg10075436	19		MZF1;MZF1;MZF1;MZF1;LOC100131
cg05937182	7		ST7OT4;ST7OT1;ST7;ST7
cg16220802	4	rs75022636	MAPKSP1;MAPKSP1
cg14633504	5		VTRNA1-1
cg08322240	8		ZFHX4;LOC100192378
cg18090064	17		C17orf69;C17orf69
cg16259268	2		EFHD1
cg05648582	9		LOC100129066
cg10791580	6	rs9402287	LOC285733
cg05658236	1		MGC12982
cg21268653	1		C1orf203;C1orf203;C1orf203;C1orf2
cg01695023	22		P2RX6P
cg22872906	4		LOC285419;LOC285419
cg17002091	14		SLC25A29;MIR345;SLC25A29
cg17606003	10		FLJ41350;LBX1
cg22424444	11		LOC255512;TOLLIP
cg02413874	16		LOC100134368
cg03601585	11		SNORD27;SLC3A2;SLC3A2;SNORD28
cg10436540	17		ZZEF1;CYB5D2;CYB5D2;CYB5D2
cg08182240	11		TBRG1;TBRG1
cg04061361	15	rs41286586	SNORD116-1

cg25889944	7		SBDSP;SBDSP;SBDSP;TYW1B;TYW1B
cg21701531	2		ZEB2;ZEB2;ZEB2
cg24765924	5	rs79940373	LOC255167;LOC255167
cg24123518	15		ISLR2;LOC283731;ISLR2;ISLR2;ISLR2
cg12069073	11		KDM2A;KDM2A
cg07429629	14		MIR494
cg08421051	12		LOC338799
cg11581046	19		MIR639;TECR
cg10592336	4		LOC550112;UBA6
cg10285420	6		DAXX;DAXX;DAXX;DAXX
cg23156781	2		SLC5A6;C2orf28;SLC5A6;C2orf28;C2
cg17709884	4		H2AFZ;LOC256880
cg14983728	22		TOM1;TOM1;TOM1;TOM1;TOM1;TC
cg05355679	1		SNORD55;SNORD46;RPS8
cg16688046	9		NCRNA00094
cg02732671	3		CEP63;ANAPC13;ANAPC13;CEP63;AI
cg19844233	11		CREBZF;CREBZF;CREBZF;CREBZF;CRE
cg02649933	6	rs16893483	ZNRD1;ZNRD1;NCRNA00171
cg01284415	19		BAX;BAX;BAX;BAX;BAX
cg20365618	10	rs78311227	INPP5F;INPP5F
cg22209624	1		SERTAD4;C1orf133
cg01733045	3		TEX264;TEX264;TEX264
cg20189761	8		REXO1L2P;REXO1L1
cg12124911	12		RACGAP1P
cg14031414	20		ESF1;C20orf7;C20orf7;C20orf7
cg00285343	7		LOC285954;LOC285954;INHBA
cg20377766	10	rs71487871	LOC387646
cg10265786	6	rs75831035	DOM3Z;STK19;STK19;DOM3Z;STK19
cg03591594	9		VLDLR;VLDLR;VLDLR;VLDLR;FLJ3502
cg21871735	16		SNHG9;RPS2;SNORA78
cg12792526	21		NCRNA00111
cg05863098	14	rs61980703	C14orf48;C14orf48;C14orf48
cg03322749	9		RBM18;MRRF;RBM18;RBM18;MRRF
cg20254273	1		MDS2
cg03306972	3		NCBP2;LOC152217;NCBP2
cg17797815	10		CASC2;RAB11FIP2;CASC2;CASC2
cg24154325	14		C14orf23;C14orf23
cg25134231	2		CLASP1;CLASP1;CLASP1;RNU4ATAC
cg22889142	19		NCRNA00181;A1BG
cg01665432	12		SNORA2A;C12orf41
cg04091325	15		SH3GL3;SH3GL3
cg27210565	10		CDC10L
cg13443893	6		DAXX;DAXX;DAXX;DAXX
cg10020897	1		BRP44;BRP44;DCAF6;BRP44;DCAF6

cg13611065	22		LOC96610
cg06477715	13		LOC100288730;PAN3;PAN3
cg10956413	22		TMEM191A
cg18189409	22		LOC400891;P2RX6P
cg26332552	3		MIR922;KIAA0226;KIAA0226
cg11671290	6		BAT1;SNORD84;BAT1
cg03790236	11		ANKRD13D;ANKRD13D
cg22225943	11		IGF2AS;INS-IGF2;IGF2;IGF2AS;IGF2
cg11031889	15		NGRN;NGRN
cg08515869	4		MIR573
cg14387656	2		EFHD1
cg04648747	12		TBC1D15;TBC1D15;TBC1D15;TBC1D
cg25745713	1		TXNDC12;BTF3L4;BTF3L4;BTF3L4
cg15823872	1		LOC441869;LOC441869
cg09358388	15		SNORD109B;SNORD109A
cg15443793	19		ECSIT;ECSIT;ECSIT;ECSIT
cg06708720	12		ERC1;ERC1;ERC1;ERC1;ERC1
cg22236626	1		NENF;NENF
cg07211511	3		LOC729375
cg05017015	14		DCAF11;DCAF11;DCAF11;DCAF11;D
cg01747862	4		NBLA00301
cg22817659	8	rs34819009	LY6E;LOC100133669;LY6E
cg09436420	3		LOC100128164;SEC62;LOC10012816
cg12932539	22		TOM1;TOM1;TOM1;TOM1;TOM1;TC
cg06395988	2		MTERFD2;MTERFD2;MTERFD2;MTEI
cg14611084	7		FLJ35390;FLJ35390;RASA4P
cg07383130	1		FLJ37453
cg04838987	20		EDEM2;EDEM2;EDEM2
cg00797104	6		PPP1R2P1
cg06967120	10		LOC100128811;GPR158
cg06174989	16		LOC100130015;LOC100130015
cg04195831	1		MST1P9
cg26833449	7	rs73104620	Sep-13
cg20210449	7		FAM185A;FAM185A;FAM185A
cg01250407	7		WNT2;WNT2
cg21371335	17		DNAJC7;DNAJC7;DNAJC7;NKIRAS2
cg20272962	17		LPO;LPO;LPO
cg07535928	14		SLC25A21;SLC25A21;LOC100129794
cg14017196	12		HNRNPA1;HNRPA1L-2;HNRNPA1;CB
cg19470159	3		C3orf50
cg21158476	5		LOC389332
cg00366813	2		DCAF17;METTL8;DCAF17;DCAF17
cg08264435	3		H1FX;C3orf47
cg06599927	1		MST1P2

cg21444593	1		SNORA14B;TOMM20
cg11351987	19		C19orf30
cg03158561	11		RPL27A;SNORA45
cg19922435	4		LOC285419;LOC285419
cg18426224	15	rs74196431	GOLGA8B
cg08411735	13		TPT1;LOC100190939
cg11731114	10		FLJ45983;GATA3;GATA3;FLJ45983
cg13408636	14		PPP1R3E
cg17152135	6		PHF1;PHF1;PHF1
cg26728851	11		GUCY2E
cg26171815	5		MIR580;LMBRD2
cg23374762	18		TXNL1;TXNL1
cg11014109	11	rs11278358	NARS2;NARS2
cg21404028	1		TSEN15;TSEN15;TSEN15
cg19348206	10		MIR202
cg07717512	6		HCG22
cg01271129	3		KCNMB3;KCNMB3;KCNMB3;KCNMB3
cg15564267	11		OTUB1;OTUB1
cg27212729	2		LOC440925;SP5
cg06459669	10		XPNPEP1;XPNPEP1;XPNPEP1
cg04406441	4	rs77043177	RPL34;RPL34;LOC285456
cg12488414	19		LOC284440
cg15986668	1		NFYC;NFYC;NFYC;LOC100130557;NF
cg07177756	1	rs12090169	SNORD75;SNORD78;ZBTB37;ZBTB37
cg25563983	22		CECR7
cg08721491	6		STK19;DOM3Z
cg04686204	16		MGC23284;MGC23284
cg01729066	9		MIR600;C9orf45
cg16198013	6	rs75648664	LOC285740;LOC285740
cg10985987	16		LOC440356;LOC440356;CDIPT;CDIPT
cg09439093	6		PECI;PECI;PECI;PECI
cg01765473	10		ATAD1;CFLP1
cg26039806	11		RNF121;LOC100133315;RNF121;RNI
cg18170098	16		ATXN1L;ATXN1L
cg18370923	17	rs4792430	CDRT15P
cg03817476	2		CLK1;CLK1;CLK1;CLK1
cg01928411	12		LARP4;LARP4;LARP4;LARP4;LARP4;L
cg00698126	7	rs4727033	rs78854238
cg14636534	5		ZNF783
cg06988003	5		LOC645323;LOC645323;LOC645323
cg02405517	19		FLJ42709;FLJ42709
cg07854954	4		SNAPC2;SNAPC2
cg09452846	15		HNRPD;HNRPD
cg22946150	15		LOC91948;LOC91948
			SH3GL3;SH3GL3;SH3GL3

cg08131204	22		MIR1281
cg10715637	10	rs75284214	FAS;FAS;FAS;FAS;ACTA2;FAS;FAS;FA
cg01522430	12		RPSAP52;HMGA2;HMGA2
cg03981685	1		LOC339524
cg10961700	1		SETDB1;SETDB1;SETDB1
cg17871739	19		LOC148189
cg18801197	3		KPNA1;KPNA1
cg24980994	10		ZNF503;ZNF503;C10orf41
cg16370685	1		SETDB1;SETDB1;SETDB1
cg04746199	2		PAX8;PAX8;PAX8;PAX8;PAX8;LOC44
cg06158244	3		LOC401093;MBNL1;LOC401093;MBI
cg24486235	1	rs7512192	LOC400794
cg18595867	1		MGC12982
cg03539765	12		LOC144571
cg01734628	6		RDBP;SKIV2L;MIR1236
cg15232450	3		SETMAR;SETMAR
cg08165875	12		EP400NL
cg10519437	14		CFL2;CFL2;CFL2;CFL2
cg22231012	6		DKFZP686I15217;DKFZP686I15217
cg04073608	11		MALAT1
cg18039643	11		SNORD27;SNORD26;SNORD29;SNOF
cg10273096	9		C9orf130;C9orf102;C9orf130
cg22829917	12	rs60674771 rs74348153	HOTAIR
cg17512365	6		HCG4
cg13287964	18		LOC100130522;LOC100130522
cg24576735	10		MARVELD1;MARVELD1
cg18014500	10		GUCY2G
cg21626735	13	rs61944965	DKFZp686A1627
cg04095971	6		ZNRD1;ZNRD1;NCRNA00171
cg18806997	1		SNORD46;RPS8;SNORD38A
cg01026898	11	rs80322963	LOC221122
cg26532627	17		LOC100133991;LOC100133991;C17
cg25100475	1		ZNF678;ZNF678
cg00893045	15		SNORD18A;RPL4;SNORD18B;SNORD
cg00028034	20		TSPYL3
cg09859768	4		LOC641518;LOC641518
cg05927268	14		ABCD4;ABCD4
cg10247798	3	rs75054057	ABHD14B;ABHD14B;ABHD14A;ABHI
cg15085006	3		DHX30;DHX30;MIR1226
cg19535073	7		LOC285954;LOC285954;INHBA
cg07095072	7		MLL5;LOC100216545;MLL5
cg27633139	4		MIR548I2
cg25584081	22	rs470082	RPL3;SNORD43;RPL3
cg20300514	1		C1orf86;LOC100128003

cg22089899	3		ALG3;ECE2;ALG3;ECE2;ALG3;ALG3
cg05207077	12		FAM138D
cg26364911	9		HIATL2
cg18455650	2		PP14571;GPC1
cg09158487	12		HNRNPA1;HNRPA1L-2;HNRNPA1;CB
cg07740199	18	rs61173354	LOC284233
cg19734870	5		LOC645323
cg15413793	17		MGC57346;MGC57346
cg21170636	9		SNORD24;MED22;RPL7A;MED22
cg16704590	20		C20orf199;C20orf199;SNORD12B;SN
cg25591418	22		LOC730668
cg08643007	2		ATF2;ATF2;MIR933
cg11208853	12		LOC653113
cg24647276	10		FLJ45983;GATA3;GATA3;FLJ45983
cg09448652	11		SNORD30;SNORD22;SNORD31;SNHC
cg24330775	19		GYS1;GYS1;GYS1;RUVBL2
cg02616186	1		NAV1;MIR1231;NAV1
cg16067752	22	rs60039951	LOC96610
cg10177030	20		C20orf199;C20orf199;SNORD12;C2C
cg00434295	13		SUGT1L1
cg21110646	11		TMEM41B;TMEM41B;TMEM41B
cg04810755	1		MST1P9
cg05378690	3	rs2077960 rs11557630	IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K
cg10656255	15		DET1;DET1;DET1
cg15629460	1	rs67396868	ESPNP
cg20206204	12		MIR614
cg06559547	6		SNHG5;SNORD50B;SNORD50A
cg11601000	22	rs28722907	LOC339674
cg02020829	5	rs7712899	FLJ42709;FLJ42709
cg02003624	2	rs75904319	UGGT1;UGGT1
cg11389773	16		LOC641298;RRN3P3
cg07401773	9		HIATL2
cg12622938	7	rs2527272	STAG3L2;PMS2L5;PMS2L5;PMS2L5
cg03639021	5	rs61736974	GNB2L1;SNORD95
cg26759552	7		LOC100134229;JHDM1D
cg02743050	15		GRINL1A;GCOM1;GRINL1A;GCOM1;
cg04425997	20		SNORD119;SNRPB;SNRPB
cg16273041	11	rs2233351	KBTBD4;KBTBD4;NDUFS3;KBTBD4
cg23007574	19		ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP!
cg22050893	2		MIR548N;FKBP7;FKBP7
cg23167644	17		LOC100130581;LOC100130581
cg20539321	10	rs7095041	LOC219347;LOC219347;C10orf57;LC
cg13770529	17		CCDC55;MIR423
cg11821796	11		LOC100130987

cg09293122	7		GATS;STAG3;GATS;GATS;GATS
cg11668917	2		SNORA80B;ODC1
cg21505509	8	rs77030027	LOC728024;ERLIN2
cg07925542	16		MIR484;NDE1;NDE1;KIAA0430
cg21973405	5		PPAP2A;PPAP2A;RNF138P1
cg14390758	10		LOC100128811;GPR158
cg24394891	10		XPNPEP1;XPNPEP1;XPNPEP1
cg17274080	22		UBE2L3;UBE2L3;UBE2L3
cg01356611	19		SNAR-C5;SNAR-C2;SNAR-C1
cg01404873	13		DLEU2
cg26410121	1		LOC728875
cg02767068	16		CORO1A;LOC606724
cg19982557	2		FAM128A;LOC150776
cg03742947	6		HLA-H
cg25151638	1		SHC1;SHC1;CKS1B;CKS1B
cg01244514	14		MIR494
cg00781110	15		LOC283731;ISLR2;ISLR2;ISLR2;ISLR2
cg19746906	1		HHLA3;HHLA3;HHLA3;HHLA3;ANKRI
cg03863549	9		NOL6;SUGT1P1;NOL6
cg01612532	15	rs1058828	HERC2P2
cg21187554	9		ANKRD18A;ANKRD18A;C9orf122
cg08235057	22		TMEM191A
cg24764810	6	rs62401701	HCG22
cg09510698	6		HLA-DPB2
cg12778580	11		MIR1237;RPS6KA4;RPS6KA4
cg05856015	4		ZNF721;ABCA11P
cg13627197	22		TOP1P2;PIWIL3
cg21076271	14		ARHGAP5;ARHGAP5;ARHGAP5;C14c
cg14445849	9		VPS13A;VPS13A;LOC100286938;VPS
cg02973270	6		AGPAT1;RNF5;RNF5P1
cg13310628	16		SOLH;C16orf10
cg02329425	10		LOC100188947;HECTD2;HECTD2
cg00328051	14		DIO3;MIR1247
cg14872693	11		NEAT1
cg05096838	17		FAM134C;TUBG1;FAM134C;TUBG1
cg11902380	12		MIR1228;LRP1
cg08200543	1	rs75034630	C1orf86;LOC100128003;C1orf86
cg23288521	20		SNORA39;SNHG11
cg16223220	6	rs61232101	HLA-H
cg26398848	2		ACP1;ACP1;SH3YL1;ACP1;SH3YL1;AC
cg20557687	4		EDNRA;EDNRA;EDNRA;EDNRA;EDNF
cg05547902	15		LOC283731;ISLR2;ISLR2;ISLR2;ISLR2
cg19199266	17		C17orf69;C17orf69;MGC57346;MGC
cg05377034	10	rs3842235	C10orf57;LOC219347;LOC219347;LC

cg12846583	3		MIR1324
cg27548270	12	rs79994810	LOC653113
cg24607140	20		HM13;HM13;HM13;PSIMCT-1
cg19712659	1		SNHG12;SNORD99;SNORA61
cg17722033	12		NECAP1;NECAP1
cg22396798	15		CCNDBP1;CCNDBP1;CCNDBP1;CCNE
cg16473117	2		AAK1;SNORA36C
cg19671533	6		SNAP91;SNAP91
cg12974668	6		MIR1275
cg01693157	2		TUBA4B;TUBA4A
cg07301105	2	rs12464121	C2orf52
cg23802887	16		MGC23284;SNAI3
cg05221349	4	rs11554385	LOC256880;H2AFZ
cg14892570	19		MIR1470;WIZ
cg09398845	4		LOC729338;BBS12
cg04471822	2		OR7E91P
cg07391831	17	rs28742029	ALOX12P2
cg00997234	6		C6orf147
cg23512275	21		LOC284837
cg04271391	6		DAXX;DAXX;DAXX;DAXX
cg08508335	13	rs75534413	DKFZp686A1627
cg24682012	11		SMPD1;SMPD1;SMPD1
cg17200337	4		C4orf10;MFSD10;MFSD10
cg19438469	12		ORMDL2;SARNP;SARNP;SARNP
cg19292611	13		TFDP1;TFDP1
cg04886198	3		ALG3;ECE2;ALG3;ECE2;ALG3;ALG3
cg27151174	16		CD2BP2;CD2BP2
cg11645417	6		PACRG;PACRG;LOC285796;PACRG
cg04148753	6	rs78769809	CDYL;CDYL;CDYL;CDYL
cg25364861	12		TESC;TESC;TESC
cg07126399	14		MIR412;MIR541;MIR409;MIR369
cg16739247	1	rs61485328	SNORD45C;SNORD45A;RABGGTB
cg09730836	5		NCRNA00219;SNORA13
cg11496432	8		LOC728024;ERLIN2
cg01966129	22		PRAME;LOC648691;PRAME;PRAME;
cg22469435	6		NCRNA00120;AKIRIN2
cg04216650	9		FAM27C
cg08285587	7		LOC100128822
cg03834909	19		CIRBP;C19orf23;CIRBP;CIRBP
cg26993102	6	rs28729266	HLA-L
cg17432135	20	rs78076898	SYS1;SYS1-DBNDD2
cg24832215	19	rs2123852	NAPSB
cg11565911	12		TBC1D15;TBC1D15;TBC1D15;TBC1D
cg26944449	16		ABCC6P1

cg03616030	8		TMEM67;TMEM67;TMEM67
cg08111922	14	rs34711197	MGC23270
cg00049502	12	rs4767068	C12orf47;MAPKAPK5;MAPKAPK5
cg08844770	19	rs2230562	EEF2;SNORD37
cg13632959	10		FAS;FAS;FAS;FAS;ACTA2;FAS;FAS;FA
cg03230579	10		ZNF37B
cg26719629	11		IGF2AS;INS-IGF2;IGF2;IGF2;IGF2AS
cg08160980	1		C1orf190;POMGNT1
cg15427004	3		ACAA1;ACAA1;ACAA1;MYD88
cg13518216	12		ATP5B;SNORD59A
cg08064553	16		CENPBD1;AFG3L1;AFG3L1;CENPBD1
cg13134825	14	rs2025146	SNHG10;GLRX5;SCARNA13;SNHG10
cg25306442	1		LOC400752
cg23447792	12		EP400NL
cg07516476	9		LOC100131193;C9orf86;C9orf86
cg24638668	12		H2AFJ;H2AFJ;H2AFJ
cg00974689	13		TFDP1;TFDP1
cg18654971	5		MIR449C;CDC20B;CDC20B;CDC20B
cg25996835	15	rs7178130	BBS4;HIGD2B
cg05066959	8	rs72638959	ANK1;ANK1;ANK1;ANK1;ANK1;ANK1
cg09965267	7		POLR2J4
cg09554007	16		RPL13;RPL13;SNORD68;RPL13
cg05781294	6		BAT1;SNORD117;BAT1
cg05325193	20		C20orf56
cg23893792	6	rs76592591	CDYL
cg15275313	11		C11orf36
cg05144089	1		SNORA14B;TOMM20
cg26979143	17		SCARNA16;C17orf86
cg04155793	16		CDK10;CDK10;CDK10;CDK10;CDK10;
cg12278467	5		LOC645323;LOC645323
cg08151281	1		DCAF6;BRP44;BRP44;BRP44;DCAF6
cg06319713	1		LOC440926;H3F3A
cg14156148	15		WASH3P
cg05461153	7		ZNF783
cg01629329	20		NOP56;MIR1292;NOP56;NOP56
cg14094543	4		LOC256880;H2AFZ
cg18090577	3	rs78923843	COL29A1;COL29A1
cg12163508	10	rs2800551	HSD17B7P2
cg10248302	11		MIR611;FEN1;C11orf10;FEN1
cg04415427	7	rs13245475 rs72106726	MGC72080
cg07456645	19		C19orf30
cg00049323	5		LOC25845
cg16372632	16		CES4
cg02698926	7		SDK1;SDK1

cg14937036	3		COPB2;COPB2
cg24569399	3		CCDC66;CCDC66;CCDC66
cg24357849	19		DHPS;MORG1;DHPS;DHPS;MORG1;P
cg23022819	7		TBXAS1;TBXAS1;TBXAS1;TBXAS1;TB
cg02315626	17		MIR451;MIR144
cg211108361	7		LOC286016;TNPO3;TNPO3
cg17441804	6	rs9258230	LOC285830;LOC285830
cg18668382	14		GLRX5;SNHG10;SNHG10
cg27200833	15		ISLR2;LOC283731;ISLR2;ISLR2;ISLR2;
cg16181099	10	rs11186623	LOC100188947
cg04735310	17		MIR196A1
cg10051588	4	rs75453246	FLJ39653;FLJ39653
cg19484886	12		C12orf61;MIRLET7I
cg22601058	10		LOC283070
cg17493193	1		PDIK1L;PDIK1L;PDIK1L
cg26102503	20	rs45596642	GNASAS;GNAS
cg22756156	10		MARVELD1;LOC100270710;MARVEL
cg25666433	6		ZSCAN12;ZSCAN12
cg20310319	15		SNORD115-15;SNORD115-21;HBII-5:
cg07936672	2		NEURL3
cg02837279	8		ZNF252;C8orf77
cg07913197	2		FLJ32063
cg13305165	3		NGLY1;OXSM;OXSM;OXSM
cg23523765	7		LOC349114
cg20624698	2		LOC339788
cg05030574	11		NEAT1
cg06197492	11	rs3741219	H19
cg17992509	1		MIR760
cg06048191	16		AFG3L1;CENPBD1;AFG3L1;AFG3L1
cg10591652	5		FBLL1
cg09906647	17	rs76606395	FLJ25006;LOC645851
cg12810221	12		ATP5B;SNORD59B;SNORD59A
cg00475112	12		LOC642846
cg22662482	11		FEN1;C11orf10;MIR611
cg04860656	1	rs11559315	WDR65;WDR65;EBNA1BP2;EBNA1B
cg17423209	22		POM121L9P
cg22901322	4		MAPKSP1;MAPKSP1;MAPKSP1
cg00253182	9		FLJ35024
cg21634218	19		FLJ26850
cg22406469	22	rs5756693	MFNG;MFNG;MFNG
cg25936380	2		TMEM185B
cg24876683	5		RPL26L1;LOC100268168;LOC100268
cg08461781	1		HIST2H2BA
cg07350076	8	rs79443365	FAM66A;DEFB109P1

cg17283752	6		CDYL;CDYL;CDYL;CDYL
cg19642877	11		IGF2AS;INS-IGF2;INS-IGF2;IGF2;IGF2
cg16543923	3	rs79224085	LOC220729
cg26371346	8		SNORD54;RPS20;RPS20
cg21300318	19		MIR7-3;C19orf30
cg25769852	12		CD69;CD69;CD69
cg02162069	19		ZIM2;ZIM2;PEG3;MIMT1;PEG3;PEG3
cg09148270	11		BTG4;C11orf88;C11orf88;MIR34C
cg02963846	17		SNORD7
cg00460092	10		ATAD1;CFLP1
cg10447247	12		NME2P1
cg06214925	4		LOC641518;LOC641518
cg19123296	2		ZEB2;ZEB2;ZEB2;ZEB2;ZEB2
cg08184640	14		FLJ45244;DICER1
cg02639007	12		CCDC41;CCDC41;LOC144486;CCDC4
cg21171800	5		LOC647859
cg22455660	9		PBX3;PBX3;PBX3;PBX3
cg12218193	1		CROCC1
cg02114909	17		YWHAE;YWHAE
cg18319687	5		MIR1229;MGAT4B;MGAT4B
cg09570958	17	rs77690302	HS3ST3B1;MGC12916
cg01068014	13		MIR17HG;MIR17HG
cg19978242	10		INPP5F;INPP5F
cg07148743	5	rs77141166 rs35581525	BRD9;BRD9;BRD9
cg27567880	18		MBD2;SNORA37;MBD2
cg13974505	9		LOC389705
cg07830110	22		LOC400927
cg13360150	11		LIN7C;BDNFOS
cg03151540	4		TAPT1;FLJ39653;FLJ39653
cg24005950	16		SNORA10;RPS2
cg25531857	20	rs8590	C20orf199;C20orf199;C20orf199
cg18672602	3	rs2636939	LOC220729
cg16744883	8		FAM66B
cg27061903	6		COX7A2;COX7A2
cg12312819	2	rs3977003 rs2592451	CBWD2;LOC440839
cg05778739	2		LOC729234
cg14278808	8	rs75492345	LOC157627;MIR124-1
cg07291923	2	rs75602512	BRE;BRE;BRE;BRE;BRE;RBKS;LOC100
cg03183345	11	rs74901138	TBRG1;TBRG1
cg23083277	3		COL29A1;COL29A1
cg04278444	15		SNORD115-15;SNORD115-21;PAR4;S
cg18334734	5		LOC645323
cg04385236	3		C3orf55;C3orf55;C3orf55;C3orf55;C
cg12960248	16		GFOD2;GFOD2;GFOD2

cg02979839	5		FAM193B;FAM193B
cg02525307	20	rs73353672	LOC100134868
cg04250926	1		CRYZ;CRYZ;TYW3;CRYZ;TYW3;CRYZ;T
cg20804661	11		LOC100133315;RNF121;RNF121;RNI
cg00556742	2		C2orf60;C2orf60;C2orf47
cg08288469	12		HNRPA1L-2;HNRNPA1;HNRNPA1;CB
cg10430690	3		KALRN;KALRN;KALRN;KALRN;KALRN
cg00859352	3		TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNI
cg06333167	2		PRKRA;DFNB59;PRKRA;PRKRA;MIR5-
cg08634133	7		ATP6V0E2;LOC401431;ATP6V0E2;AT
cg26359174	2		UGGT1;UGGT1
cg25214792	22		P2RX6;P2RX6;MGC16703
cg06872010	8		FAM66A
cg13838528	11		RPL27A;SNORA3
cg00678361	8		C8ORFK29
cg23029801	22		DGCR5
cg09039664	20		DBNDD2;DBNDD2;SYS1-DBNDD2;DE
cg14158407	7		LOC401397;LOC401397
cg13857186	9		C9orf43;POLE3;C9orf43;POLE3
cg04122568	5	rs1060613	LOC100129716;ARRDC3
cg14244648	12	rs4767067	C12orf47;MAPKAPK5;MAPKAPK5
cg23685650	14	rs79849469	KTN1;C14orf33;KTN1;KTN1;KTN1
cg10661904	17	rs7406828	PDE6G;PDE6G
cg10154310	7		SSBP1;FLJ40852
cg09458394	1		SNORD45C;RABGGTB
cg08085357	3		SOX2OT
cg04221355	2		BRE;RBKS;BRE;BRE;BRE;BRE;LOC100
cg27248887	2	rs11689362	EEF1B2;EEF1B2;SNORD51;NDUFS1;E
cg22732432	12	rs34470343	LOC400027
cg13131095	2		MYCN;MYCNOS
cg08252387	5	rs34698314	LOC645323;LOC645323
cg19751897	1		TXNDC12;TXNDC12;BTF3L4;BTF3L4;I
cg00354542	16	rs56687322	LOC100134368
cg02484633	6		C6orf227
cg24082174	3		SNORA63;MIR1248;EIF4A2;SNORA8
cg11598872	17		FLJ45079
cg07720160	6	rs75519604	HLA-L
cg05374451	17		FLJ90757;BAIAP2;BAIAP2;BAIAP2;BA
cg03479278	7		BCAP29;BCAP29
cg12885549	2		MIR548N
cg00960395	17		PRAC;C17orf93
cg01299854	22		PI4KAP2
cg25951256	10		HSD17B7P2
cg01191395	17		SHBG;SAT2;SHBG;SAT2

cg13413996	9		ADAMTS13;ADAMTS13;ADAMTS13;
cg08685077	7		NT5C3;NT5C3
cg04156464	16		GNAO1;GNAO1;LOC283856
cg01332827	20		EDEM2;EDEM2;EDEM2
cg16740905	19		SEC1;DBP
cg04600299	7		ATP6V0E2;LOC401431;ATP6V0E2;AT
cg00103783	17		MPDU1;MPDU1
cg23257859	7	rs2923266	MIR550-2
cg24775832	6	rs9360898	COX7A2;COX7A2
cg14305763	2		BRE;RBKS;BRE;BRE;BRE;BRE;LOC100
cg05323345	11		IGF2AS;INS-IGF2;IGF2;IGF2;IGF2AS
cg20694303	4		LOC348926
cg11142248	14		FLJ43390
cg19956605	22		UBE2L3;UBE2L3;UBE2L3
cg22838281	11		TMEM138;TMEM138
cg07236884	12		MIR614
cg15666516	19		RPS11;SNORD35B
cg02719245	14		FLJ45244;DICER1
cg21142158	13		COG6;COG6;COG6
cg18393046	17		MSX2P1
cg16948320	3	rs13097486	HRASLS;MGC2889
cg25504988	6	rs17194824	TRIM39;HCG18;HCG18
cg17819420	19		LOC100131801;LOC100131801;XAB:
cg25976804	22		AIFM3;AIFM3;AIFM3;AIFM3;LZTR1
cg16850687	18		DLGAP1;FLJ35776;DLGAP1
cg17819520	5		NCRNA00219;SNORA13
cg14059830	9	rs62578961	C9orf45
cg17747171	20		NOP56;NOP56;SNORD110
cg00106420	12		DIABLO;DIABLO;DIABLO;DIABLO
cg19631845	7		ZNF138;ZNF138;ZNF138;ZNF138
cg02318516	18		LOC400657
cg27586255	7		SDK1;SDK1
cg09275980	15		SNORD116-29
cg01531665	9		NOL6;SUGT1P1;NOL6
cg27607898	6		PECI;PECI;PECI;PECI
cg06579192	19	rs75508674	C19orf56;MORG1;MORG1;MORG1;(
cg03747177	16		EARS2;EARS2;UBFD1;EARS2
cg27599211	12		TESC;TESC;TESC
cg06194119	2		TMEM185B
cg11955373	2		TTC31;TTC31;CCDC142
cg05795849	3	rs1866997	ITPR1;ITPR1;ITPR1;EGOT
cg23287902	2		LMAN2L;LMAN2L;LMAN2L;LMAN2L;
cg03719693	4		LOC641518;LOC641518
cg02690648	8		PINX1;MIR1322

cg04145065	4		N4BP2;LOC344967
cg13272108	20		NOP56;SNORD110;NOP56;SNORA51
cg01517832	11		TOLLIP;LOC255512
cg20152539	17		HS3ST3B1;MGC12916
cg00982136	2		CLK1;CLK1;CLK1;CLK1
cg00040423	6		TRIM39;HCG18;HCG18;TRIM39
cg15369601	15		ADPGK;ADPGK;ADPGK
cg27370696	6	rs57301060	AGPAT1;RNF5;RNF5P1
cg16278716	3		KALRN;KALRN;KALRN;KALRN;KALRN
cg10149336	16	rs34142986	EARS2;EARS2
cg14534967	7		ABHD11;ABHD11;ABHD11;ABHD11;
cg17597639	5		SDHAP3
cg12265892	19		LOC100134317
cg00404641	3		NUDT16P;NUDT16P
cg20550790	5		FLJ42709;FLJ42709;FLJ42709
cg19945937	14		MIR665
cg11168235	3		MIR548G;C3orf26
cg17462140	11		IGF2AS;INS-IGF2;IGF2;IGF2AS;IGF2
cg05741161	6		LOC285847
cg25228625	17		C17orf44
cg03778895	13		DLEU2
cg00090787	15		RPL4;SNORD16;SNORD18B
cg03113502	6		STL
cg27145044	3		RPL32P3
cg01190037	4		C4orf10;MFSD10;MFSD10
cg05512483	11		SNORD30;SNORD22;SNORD29;SNOF
cg01899260	11		TMEM41B;TMEM41B;TMEM41B
cg17050100	2		GPN1;CCDC121;GPN1;CCDC121;GPN
cg03888520	22		RRP7B
cg04500185	3	rs62288198	LOC100128023
cg22498840	9		MCART1;MCART1;MCART1
cg22394119	7		GATS;GATS;GATS;GATS
cg17079757	6		DAXX;DAXX;DAXX;DAXX
cg08014499	11		IGF2AS;INS-IGF2;IGF2;IGF2;IGF2AS
cg12688265	1		GBAP1
cg27168976	1		TXNDC12;BTF3L4;BTF3L4;BTF3L4
cg24931632	1		MGC12982
cg02871659	16		SNHG9;SNORA64;SNORA78;RPS2
cg17875611	3		SNORA7A;RPL32;RPL32;RPL32
cg15883181	17		RNF213;LOC100294362
cg09933836	8		C8orf75
cg05627663	7		SNORA22;CCT6P1
cg09007244	22		RPL23AP82;RABL2B;RABL2B;RABL2E
cg21722785	17		C17orf44

cg04296434	20		TMEM189;TMEM189-UBE2V1;TMEM
cg05348535	20		HSPC072;LOC100270804;HSPC072
cg17526424	20		SNHG11
cg01033175	3		ZBTB11;LOC100009676
cg19573567	10		ACTA2;FAS;FAS;FAS;FAS;FAS;FAS;FA
cg19231290	10		KLF6;KLF6;KLF6;KLF6;KLF6;KLF6;KLF6
cg22407942	7	rs3834336	SNORD93
cg19088572	1		LOC284632
cg25447652	8		TDH
cg18110419	19		FLJ45445
cg09242901	15	rs1058823	HERC2P2
cg04375784	6		RPS12;SNORD100;SNORA33
cg02395779	3		ZBTB11;LOC100009676
cg10806562	17		FLJ40504
cg25640176	16		GFOD2;GFOD2;GFOD2
cg24936032	5		HINT1;HINT1;HINT1
cg20672430	6		DAXX;DAXX;DAXX;DAXX
cg15119375	16		C16orf67
cg04768630	22		TOM1;TOM1;TOM1;TOM1;TOM1;TOM1;TOM1
cg16383389	1		MIR760
cg07052796	10		ASB13;ASB13
cg00039016	16	rs60257999	FBXO31
cg05727186	17	rs631440	MGC57346;MGC57346
cg23620822	3		LOC285375
cg06760162	17		FLJ35220;FLJ35220;FLJ35220;LOC10
cg05804598	15	rs1058828	HERC2P2
cg25851152	10		MIR146B
cg08972632	16		LOC283922
cg00323100	4		N4BP2;LOC344967
cg25211938	22		PANX2;PANX2;PANX2
cg16278124	1		CCNL2;CCNL2;CCNL2;LOC148413;CC
cg05865670	22		THAP7;THAP7;FLJ39582;FLJ39582
cg03230852	20		LOC647979
cg01067809	6		DOM3Z;STK19;STK19;STK19
cg12624825	9		LOC100128076
cg09791459	16		GFOD2;GFOD2;GFOD2
cg20184247	17	rs4395118	LOC404266;LOC404266;LOC404266;
cg15145341	13	rs79470870	LOC646405
cg02824291	7		PAXIP1;LOC202781
cg16567044	14		MEG3;MEG3;MEG3
cg13258700	7		C7orf13;RNF32
cg00459975	8		INTS9;INTS9;HMBOX1;INTS9;HMBOX1
cg25446612	2		PP14571;GPC1
cg18042632	21		C21orf130

cg15204036	4		AGXT2L1;AGXT2L1;AGXT2L1;AGXT2L1
cg09538129	7		MIR25;MCM7;MCM7;MIR106B;MIR
cg06216926	14		ATXN3;ATXN3;ATXN3;ATXN3;ATXN3
cg26106778	6		RING1;MIR219-1
cg19658046	5		FAM193B;FAM193B
cg23797424	12		LOC642846
cg13253729	22		LOC91316;RGL4
cg26804995	13		TFDP1;TFDP1
cg26813301	16		LOC652276
cg15539395	19		MGC2752
cg19646028	19		MIR7-3;C19orf30
cg11053740	14	rs36066039	RAB2B;TOX4;RAB2B;RAB2B
cg11094161	14		MUDENG;EXOC5;MUDENG
cg09091424	11		ANKRD13D;ANKRD13D
cg17353431	22	rs370030	FLJ39582;THAP7;FLJ39582;THAP7
cg26212163	5		LOC134466
cg02697500	2		CLASP1;CLASP1;CLASP1;RNU4ATAC
cg00996986	22		SERHL
cg18963800	10		HSD17B7P2
cg05640342	11		LOC494141;LOC494141;LOC494141
cg04143736	4		MGC45800
cg26074723	7		RPS2P32
cg04328701	17		FAM134C;FAM134C;TUBG1
cg08258539	8		C8orf51;RHPN1
cg21199854	3		GNL3;GNL3;GNL3;SNORD19B
cg26403608	17		LOC284009;METT10D
cg15583349	6		DAXX;DAXX;DAXX;DAXX
cg15212137	19		MIR519A1
cg11553721	13		TFDP1;TFDP1
cg06808967	3		ACAA1;ACAA1;MYD88;ACAA1
cg15474754	4		HPGD;HPGD;HPGD
cg20737712	11	rs529083	TBRG1;TBRG1;TBRG1
cg09507884	11		LOC100130987
cg22175052	5	rs11540179	SNORD95;GNB2L1;GNB2L1
cg01940867	16		TMEM8A;LOC100134368
cg04662010	2		MTX2;MTX2
cg13505469	10	rs7095041	LOC219347;LOC219347;C10orf57;LC
cg00735591	19		DNM2;DNM2;DNM2;DNM2;MIR638
cg10763638	17		FLJ35220;FLJ35220;FLJ35220;LOC10
cg01243544	1		LOC100130093;LOC100130093
cg12992112	6	rs2028973	CMAH;CMAH
cg17605235	9		ANKRD18A;C9orf122
cg02844341	7		ST7OT4;ST7OT1;ST7;ST7
cg13130934	15		SNORD115-21;SNORD115-20;SNORI

cg13587740	15	rs1800428	HEXA;C15orf34
cg11915671	19		TUBB4;MIR220B
cg14732828	3		FYTTD1;KIAA0226;KIAA0226;FYTTD1
cg00506354	3		ALG3;ALG3;ALG3;ALG3;ECE2;ECE2
cg00941983	6		TJAP1;TJAP1;TJAP1;TJAP1;TJAP1;TJA
cg25574024	11		IGF2AS;INS-IGF2;IGF2;IGF2;IGF2AS
cg18912560	7		LOC100132832
cg11787839	3		LMLN;IQCG;LMLN;LMLN;LMLN
cg02807948	11	rs11510	INS-IGF2;IGF2;IGF2;IGF2
cg25423280	15	rs7174732	PDIA3;CATSPER2P1
cg02145916	8		PVT1
cg19045894	2		ATF2;MIR933
cg16413842	6		C6orf122;C6orf208
cg10822545	19		MIR181D;MIR181C
cg13340272	11		GUCY2E
cg08946731	7	rs56664420	RP9P
cg12029507	7	rs5026069	RNF216L;RNF216L;RNF216L
cg03894789	5		MIR874;KLHL3
cg06850285	22	rs140489 rs5998522	UBE2L3;UBE2L3;UBE2L3
cg00614969	17		SNORA76;SNORD104
cg25695041	4		UBA6;LOC550112
cg17833341	1		SHC1;SHC1;CKS1B;CKS1B
cg26271690	1	rs16850674	LOC148709
cg22793458	3		ZBTB11;LOC100009676
cg05941212	1	rs7418389	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2
cg15982308	6		RNF5P1;RNF5;AGPAT1;AGPAT1
cg01612476	22		MIAT
cg08484337	6		SNORA38;BAT2
cg10608004	19		RPL13AP5;RPL13A
cg25255679	8		RHPN1;C8orf51
cg05659741	1		HIST2H2BA
cg18353837	14		C14orf132
cg06618047	16		LOC146336
cg11080530	14		RAB2B;RAB2B;TOX4;RAB2B
cg03791497	17		TMEM11;TMEM11
cg19273756	17		SKA2;SKA2;MIR301A
cg09393453	19		MIR517B;MIR520G
cg04030905	17		SHBG;SHBG;SAT2
cg16285215	12		FAM60A;FLJ13224;FAM60A;FAM60A
cg22453529	8		C8ORF29
cg26495109	16		LOC283856;GNAO1;GNAO1;GNAO1;
cg09184043	7		ZNF815
cg13756879	11		INS-IGF2;IGF2AS;IGF2;IGF2;IGF2AS;I
cg11604379	6		HCG9

cg11889478	19		RDH13;RDH13;RDH13;RDH13
cg08247852	8		LOC728024;ERLIN2
cg06296570	7		FLJ43663;FLJ43663
cg08888916	11		SCN4B;SCN4B;SCN4B;SCN4B
cg07201017	10		FLJ41350
cg11904906	2		LOC1511174;LOC643387;LOC1511174
cg09169617	15		LOC254559
cg09409435	16		PDXDC2
cg14148088	14		MIR494
cg18586095	17		EXOC7;EXOC7;EXOC7;EXOC7;EXOC7
cg15201877	1		PTGER3;PTGER3;PTGER3;PTGER3;PT
cg16652639	8		TM2D2;ADAM9;TM2D2;ADAM9;TM
cg03594819	11		TIMM8B;SDHD;TIMM8B
cg11111423	6		DAXX;DAXX;DAXX;DAXX
cg13575925	12		LOC144571
cg05793193	7		LOC100128822
cg23002708	19	rs34998465	ATG4D;MIR1238
cg26916936	11		LOC399959;MIR125B1
cg08261702	7	rs3800784	LOC728743
cg01891736	16		LITAF;LITAF;LITAF;LITAF
cg22031629	22		THAP7;THAP7;FLJ39582;FLJ39582
cg11718707	18		MBD2;SNORA37;MBD2
cg24063120	10		FAM178A;FAM178A;FAM178A
cg26577169	6		LOC441177;C6orf176;C6orf176
cg03979284	3	rs71325629	LOC220729
cg17547708	22		LOC100144603;CHKB-CPT1B;CHKB
cg21616552	19		LOC148189
cg02109793	22		C22orf45;C22orf45;UPB1
cg13731761	11		C11orf21;TSPAN32;C11orf21
cg05913233	17		FXR2;SHBG
cg07613278	11		API5;API5;API5;API5
cg25806558	4		N4BP2;LOC344967
cg09154356	1		RPS10P7
cg00476358	2		TUBA4A;TUBA4B
cg08811309	5		LOC645323;LOC645323;LOC645323
cg11209892	7		LOC286016;TNPO3
cg21934311	17		MSX2P1
cg20206277	21	rs34699934	NCRNA00111
cg07007986	14		SERPINA13
cg25705558	15		ISLR2;LOC283731;ISLR2;ISLR2;ISLR2;
cg09639631	6	rs259389	LOC729176;C6orf103
cg08267319	17		LOC92659;MAFG
cg02580195	2		RPL23AP7;RPL23AP7;RPL23AP7;RAB
cg24685761	1		SMG5;TMEM79;TMEM79

cg07491444	2	rs1135617	ARL6IP6;ARL6IP6
cg11537707	1		GAS5;SNORD76;SNORD75;SNORD77
cg24060037	1		SERTAD4;C1orf133
cg06750038	16		FBXO31;MAP1LC3B
cg05975219	16	rs2241038	GAS8;GAS8
cg05241470	15		SLC30A4;C15orf21
cg11621113	19		MORG1;MORG1;MAN2B1
cg00944580	1		DAB1;MIR548D2
cg04444086	16	rs2164339	LOC146336
cg18484665	2		THUMPD2;THUMPD2
cg00283662	19		MIR642;GIPR
cg13343238	15		MIR548H4;GLCE
cg05340865	11		GUCY2E
cg10062290	1		SNORD55;SNORD46;RPS8
cg01551258	17	rs34649800	RHOT1;ARGFXP2;RHOT1;RHOT1
cg10884908	5		PCDHB18
cg22884857	15		PWRN1
cg03144714	12		HOXC4;HOXC5;HOXC5
cg21037184	5	rs6859589	GPR98;GPR98
cg24409539	2		PAX8;PAX8;PAX8;PAX8;PAX8;LOC441
cg01038149	22		P2RX6;P2RX6;MGC16703
cg24642065	12		LOC100190940
cg04160046	19		LOC100129935
cg02371301	11		ANO1;ANO1
cg04103317	9	rs547958	SUGT1P1;SPINK4
cg13855261	17		HS3ST3B1;MGC12916
cg11235787	17		MIR195
cg01827781	16		LOC440356;LOC440356;CDIPT
cg03555433	16		GFOD2;GFOD2;GFOD2
cg07423399	18		CXADRP3
cg08629647	22		GTSE1;CN5H6.4
cg01579841	6		C6orf176;C6orf176;LOC441177
cg02229841	5	rs1047093	PPAP2A;PPAP2A;PPAP2A;RNF138P1
cg15364784	14		DCAF11;DCAF11;DCAF11;DCAF11;D
cg23954461	19		MAN2B1;MORG1;MORG1
cg17025683	1		SNORD78;ZBTB37;SNORD75;ZBTB37
cg13811448	19		MORG1;MORG1;MAN2B1
cg09914581	2		E2F6;E2F6;E2F6;E2F6;E2F6
cg05468584	10		MIR202
cg15703365	7		ZNF815
cg05051957	8	rs58524912	CHRAC1;CHRAC1
cg12691651	15		ADPGK;ADPGK;ADPGK
cg08820497	17		C17orf91;C17orf91;WDR81;C17orf9
cg13440083	11		DKFZp686O24166

cg08767710	7		ATP6V0E2;LOC401431;ATP6V0E2;AT
cg24196814	1		TSNAX-DISC1;TSNAX-DISC1;TSNAX-D
cg01241390	5		RNU5E;RNU5D;ZCCHC9;ZCCHC9;ZCC
cg01477908	22		GSTTP2
cg04970106	6		HLA-DPB2
cg06401019	5		FAM172A;FAM172A;FAM172A;FAM
cg00938929	6		ZNF204P
cg08460812	4		LOC641518;LEF1;LEF1;LEF1;LEF1
cg10844118	14		FLJ31306;ARID4A;FLJ31306;ARID4A;
cg06097557	3		FYTDD1;KIAA0226;FYTDD1;FYTDD1
cg21161173	5		VTRNA1-2
cg14042711	19		SAE1;SAE1;SAE1;SAE1
cg13285968	2		ZNF385B;MIR1258
cg08869031	15	rs76137333	AP3S2;AP3S2
cg16510548	8		LOC401463
cg19862918	17	rs9898532	FAM134C;FAM134C;TUBG1;FAM134
cg11967431	17		LOC440461
cg10068793	21		C21orf34
cg12530503	15		MIR9-3
cg16022748	4		LOC285456;RPL34;RPL34
cg07560681	7		DMTF1;DMTF1;DMTF1;DMTF1;DMT
cg04184179	5		MIR874;KLHL3
cg05382797	6	rs3757333	ZNRD1;ZNRD1;NCRNA00171
cg18382744	5		LOC728411;LOC728411
cg10918927	12	rs985125	HOXC4;HOXC5;HOXC4;HOXC6;HOXC
cg10159607	17		C17orf69;C17orf69
cg10460130	2		DTYMK;DTYMK;DTYMK
cg24616828	7		MIR96
cg07364638	15		NGRN;NGRN
cg25246723	4	rs3796935	LOC285456;RPL34;RPL34
cg17315964	5		FAM193B;FAM193B
cg08508227	20		C20orf166;MIR133A2
cg26144265	7		BZW2;ANKMY2;BZW2;BZW2
cg13404951	12		LOC144742
cg17054054	12		CCDC59;CCDC59;C12orf26
cg02502849	2	rs72969386	CLASP1;CLASP1;CLASP1;RNU4ATAC
cg17994050	6	rs7770557	NCRNA00171;ZNRD1;ZNRD1;ZNRD1
cg25764464	12		PLEKHA5;PLEKHA5
cg09955730	1		TMED5;TMED5;TMED5;CCDC18
cg17666689	10	rs74143906	LOC283050;LOC283050;LOC283050
cg19185384	13		LOC100190939;TPT1
cg03588221	7		MEST;MEST;MESTIT1;MEST
cg16242219	14		DIO3OS
cg04211303	6	rs73414465	HLA-J;NCRNA00171

cg26152485	19		LOC729991-MEF2B;LOC729991-MEF
cg12322132	11		IGF2AS;INS-IGF2;IGF2;IGF2AS
cg23905216	11	rs74050127	INS-IGF2;IGF2AS;IGF2;IGF2;IGF2AS;I
cg21599336	11		LOC100128239
cg11031564	15		SNORD115-15;SNORD115-21;SNORI
cg00953154	7		SNORA9;C7orf40
cg10002564	8	rs35348043	HAS2AS;HAS2
cg05793930	1		GSTM4;GSTM4;GSTM4
cg06686383	7		FAM185A;FAM185A;FAM185A
cg14103106	19	rs35193945	LOC113230
cg12061113	18		LOC100130522;LOC100130522
cg05739816	6		C6orf217
cg03748310	8		KIAA1875
cg11960677	1		MTMR9L
cg10271981	19		MIR1181;CDC37
cg15003194	11		LOC100128239
cg17504698	13	rs9508887	PSPC1;PSPC1;PSPC1
cg09958760	8	rs6991968	TM2D2;TM2D2;ADAM9;ADAM9;TM
cg21024122	6		BAT1;SNORD84;BAT1
cg09422614	19		CACNG8;MIR935
cg06838090	6		LOC154449
cg05732300	21		POFUT2;POFUT2;LOC642852;POFUT
cg09122458	10		BMS1P4
cg25762195	8		RHPN1;C8orf51
cg17093877	17	rs80007821	MGC16275
cg20618109	6		DAXX;DAXX;ZBTB22;DAXX;DAXX
cg01020987	1		C1orf174;LOC100133612
cg00161450	2	rs2422001	LOC388955
cg04299389	20		LOC284798;LOC284798;LOC284798
cg05721281	3		FYTTD1;FYTTD1;FYTTD1;KIAA0226
cg12991050	5		LOC645323
cg24210813	17		LOC404266;LOC404266;LOC404266;
cg11881599	12		CLLU1OS;CLLU1;CLLU1
cg24466873	4		NBLA00301
cg03440944	7		C7orf40
cg01109243	16		NDE1;MIR484;KIAA0430
cg16513467	10		WAC;WAC;WAC;WAC;WAC
cg25890582	10		ZNF487
cg22575379	3		NUDT16P;NUDT16P
cg20659378	11		RNF121;LOC100133315;RNF121;RNI
cg01680573	19		LOC729991-MEF2B;MEF2B;LOC7299
cg02772682	19		SNAPC2;SNAPC2
cg02924425	18		LOC100130522;LOC100130522;PARI
cg21184629	9		C9orf122;ANKRD18A

cg00581541	1		SNORD103A;PUM1;PUM1
cg25391820	5		MATR3;SNHG4
cg19823971	1		PUM1;SNORD103A;PUM1
cg03317826	2		CCT7;CCT7;CCT7;CCT7;CCT7;C2orf7;
cg07439975	6		STL
cg00753676	4		FLJ13197
cg09895527	16		NUDT7;NUDT7
cg11137578	5		RNU5E;RNU5D;ACOT12
cg00491180	16	rs77261105	TMPRSS8
cg24825482	5		NCRNA00219;SNORA13
cg21565150	10		FAS;FAS;FAS;FAS;FAS;ACTA2;ACTA2;
cg01869750	5		TRIM23;C5orf44;TRIM23;C5orf44;TF
cg08981282	16		LOC652276
cg05679027	9		HIATL2
cg16483916	19	rs77608060	PLAC2
cg13791131	11		IGF2AS;INS-IGF2;IGF2;IGF2;IGF2AS
cg00219543	6		C6orf122;C6orf208
cg23214285	7		BZW2;ANKMY2;BZW2;BZW2
cg09638003	15		SNORD115-4
cg02662576	14		MIR495
cg26949796	14		CFL2;CFL2;CFL2;CFL2;CFL2
cg00375691	10		EMX2OS
cg03387256	10		FAS;FAS;FAS;FAS;FAS;ACTA2;ACTA2;
cg14373189	6	rs3130059	BAT1;SNORD84;BAT1
cg01656221	2		MIR548N
cg27283993	10	rs2388864	KLF6;KLF6;KLF6;KLF6
cg06746360	17		RPL23A;SNORD42B
cg00467529	11	rs10892202	IL10RA;IL10RA
cg16630982	17	rs8176075 rs35436937	BRCA1;BRCA1;BRCA1;BRCA1;BRCA1
cg13075363	3		KPNA1;KPNA1
cg18645493	1		MIR190B
cg23636419	16		MAP1LC3B;FBXO31
cg27043582	8		HOOK3;RNF170;RNF170;RNF170;RN
cg02287710	14		DIO3;MIR1247
cg07343367	7		LSM5;LSM5;LSM5;LSM5
cg03505995	14		C14orf23;C14orf23
cg02086493	17		LOC404266;LOC404266;LOC404266;
cg03700287	5		PCDHB19P
cg19275050	8		HAS2;HAS2AS;HAS2
cg06235973	19		LOC113230
cg12346673	10		LOC399815;FAM24B
cg26591684	7	rs7789911	ZNF783
cg18273501	10		CALHM2;CALHM2;CALHM2
cg16652462	17		LOC644172

cg01717517	15	rs3958545	DNM1P35
cg13965908	11		PPFIA1;PPFIA1;MIR548K
cg23050873	2	rs3792109	ATG16L1;ATG16L1;SCARNA5
cg02399652	3		LOC100128164;LOC100128164;SEC6
cg12254291	6		C6orf176;C6orf176;LOC441177
cg03372852	19		LILRP2
cg03794862	7		WNT2;WNT2
cg13112154	10		FLJ41350
cg20612559	17		LOC100306951;INPP5K;INPP5K;INPF
cg00726786	2		MTERFD2;MTERFD2;MTERFD2;MTEI
cg24900244	12		DIABLO;DIABLO;DIABLO;DIABLO
cg21063758	15		ISLR2;ISLR2;LOC283731;ISLR2;ISLR2;
cg03420356	6		LOC730101;LOC730101
cg09976774	12	rs12425068	FOXN1;FOXN1;C12orf32;C12orf32;
cg15236196	17		FLJ32065
cg05665136	5		TRIM23;C5orf44;TRIM23;TRIM23;C5
cg14126688	17		LOC404266;LOC404266;LOC404266;
cg01044849	6		NCRNA00171
cg06150369	3	rs62266955	RPL32P3
cg21643217	7		SDK1;SDK1
cg23278066	11		C11orf73;C11orf73;C11orf73;C11orf
cg14477135	3		LOC100128164;SEC62;LOC10012816
cg01514668	11		MIR129-2
cg10756578	16		MTHFSD;MTHFSD;MTHFSD;MTHFSD
cg05016401	16		LOC440356;LOC440356;CDIPT
cg06014227	12		RPL13AP20
cg09484214	19		MIR372;MIR373
cg19098268	19		ZIM2;ZIM2;PEG3;PEG3;PEG3;PEG3;
cg01773692	22		GTSE1;CN5H6.4
cg17212073	17		LOC284023
cg09963123	4		FLJ13197;KLF3
cg06611310	2		KLRAQ1;KLRAQ1;KLRAQ1;KLRAQ1
cg11845785	2		LOC150568
cg07660236	6		ZSCAN12;ZSCAN12
cg07639783	7		PSMG3;KIAA1908;KIAA1908;KIAA19
cg02197629	21	rs76309452	C21orf81
cg02132760	11		LDHA;LDHA;LDHA;LDHA;LDHA;LDHA
cg03689456	12		HNRNPA1;HNRNPA1L-2;HNRNPA1;CB
cg13461273	3		ZNF620;ZNF620
cg06738169	19		POP4;POP4
cg14780004	12		NCRNA00173;NCRNA00173
cg05158692	17		PLEKHM1;PLEKHM1;PLEKHM1
cg01606998	22		PANX2;PANX2;PANX2
cg00911551	12		NECAP1;NECAP1

cg09743375	15	rs55653836	JMJD7;JMJD7-PLA2G4B;JMJD7-PLA2
cg26624726	12	rs57594211	NUDT4;NUDT4;NUDT4P1
cg10486879	11		NCRNA00167;PRDM10;PRDM10
cg02486253	17		RNF126P1
cg03606774	2		SLC5A6;SLC5A6
cg04251368	11		KCNQ1DN
cg15057250	1	rs35435329	LOC728448
cg19165105	1		LOC647121
cg01807919	17		SHBG;FXR2
cg18934293	7	rs79538994	MEST;MEST;MEST;MESTIT1
cg07935727	4	rs79508665	LOC340017
cg09010812	16	rs13336336	CENPBD1;AFG3L1;CENPBD1;AFG3L1
cg06136185	17		LOC388428;AATK
cg18365211	4	rs62636595	AFAP1;AFAP1;LOC84740
cg06108374	8	rs74523900	CSGALNACT1;CSGALNACT1;CSGALN.
cg09276355	13		C13orf1;C13orf1;C13orf1
cg16937057	7		ST7;ST7OT4;ST7OT1;ST7
cg14306451	5	rs77101434	BASP1;LOC285696
cg09429153	9	rs74704804	PBX3;PBX3;PBX3;PBX3
cg13927290	15	rs364085	GOLGA6L5
cg25936922	2		C2orf60;C2orf60;C2orf47
cg04552737	2		GLB1L;STK16;STK16
cg10916494	6		SNHG5;SNORD50B;SNORD50A
cg12320676	2		E2F6;E2F6;E2F6;E2F6;E2F6
cg20011833	6		LYRM2;LYRM2;LYRM2;LYRM2
cg09341448	19		SEC1
cg06964756	17		RAB34;RAB34;SNORD42B;RAB34;RP
cg09099312	7		Sep-13
cg03143365	19		MAN2B1;MORG1;MORG1
cg15015416	10		FRMPD2;FRMPD2;FRMPD2L1;FRMP
cg23659044	9	rs62581042	TUBBP5
cg25105745	1		MIR197
cg19866040	11	rs35925287	HCCA2;KRTAP5-2;LOC338651
cg06784232	8		CSGALNACT1;CSGALNACT1
cg20847110	4	rs34614751	LOC401127
cg05249271	14		MIR496;MIR154
cg01717031	15	rs397530	HERC2P2
cg01813761	14		PARP2;PARP2;RPPH1
cg19539667	17		LOC100133991;LOC100133991;C17c
cg06023161	6		SNORA38;BAT2
cg12615982	3		TERC
cg06942685	19		ZNF542;ZNF542;ZNF542;ZNF542
cg07064066	21	rs74397289	DSCR8;DSCR8;DSCR8;DSCR4;DSCR4;
cg01769968	1		SNORA42;KIAA0907

cg01787047	11		LOC100130987;RAD9A
cg25356214	12		POU6F1
cg12967093	2		DIRC3
cg27386837	1		NFYC;NFYC;NFYC;LOC100130557;NF
cg10470963	22		ANKRD54;MIR658
cg04036898	1		POMGNT1;POMGNT1
cg00594560	8		ZFHX4;LOC100192378
cg13081644	1		TMEM51;TMEM51;C1orf126;TMEM
cg26508537	10	rs62621207	FAM178A;FAM178A;FAM178A
cg18499530	3		FYTTD1;KIAA0226;FYTTD1;FYTTD1
cg05562080	4	rs2927269	KLF3;FLJ13197
cg12374775	15		SCAND2;SCAND2
cg10153335	17		LOC404266;LOC404266;LOC404266;
cg21545390	7		DLX6AS
cg16251399	6		GUSBL2
cg27293016	10		LOC219347;LOC219347;C10orf57;LC
cg27048959	17		SNORD1C
cg05858136	12		ALKBH2;ALKBH2;ALKBH2;ALKBH2;AI
cg01077764	3		LOC285375
cg21550360	15		ADPGK;ADPGK;ADPGK
cg07745418	19	rs73934853	ZNF83
cg25860143	6	rs28832872	HLA-DRB6
cg06237697	17		MIR365-2
cg14124066	9		RBM18;RBM18;RBM18
cg19826864	10		ZNF438;ZNF438;ZNF438;ZNF438;ZN
cg01986205	4		KLF3;FLJ13197
cg02402630	16		LOC100129637
cg02756451	7		LOC100133091
cg10044179	21		C21orf81
cg00023174	19		ZNF788
cg18384960	14		MIR299;MIR411
cg22530053	3	rs35095647	SOX2OT;SOX2
cg00845626	3		GNL3;GNL3;GNL3;SNORD69
cg12977686	17		SNORA76;SNORD104
cg02276831	9		LOC158381;LOC158381
cg14198101	19		CIRBP;C19orf23;CIRBP;CIRBP
cg04320595	12	rs73278987	RACGAP1P
cg03889876	1		EFCAB2;EFCAB2;EFCAB2;EFCAB2;EF
cg05541640	3		ABHD14B;ABHD14B;ABHD14A;ABHD
cg22628064	1	rs4345829	RPS10P7
cg10273420	10		ZNF487
cg00630781	6		RGL2;RGL2
cg06954720	6	rs57583084	HLA-DRB6
cg27353919	3		IP6K2;IP6K2;IP6K2;IP6K2;IP6K

cg17226584	7		FLJ43663;FLJ43663
cg16907514	14		KTN1;C14orf33;KTN1;KTN1;KTN1
cg13870510	7		INTS4L1
cg19160209	11	rs7105138	C11orf73;C11orf73;C11orf73;C11orf73
cg24265610	10		FLJ41350;LBX1
cg12938003	4		LOC641518;LOC641518
cg20041381	1		C1orf27;C1orf27;MIR548F1;C1orf27
cg27131176	22		C22orf26;LOC150381
cg14946299	7		ZNF273;ZNF273
cg03076771	20		C20orf24;C20orf24;C20orf24
cg16267491	4		LOC256880;H2AFZ
cg19422019	21		C21orf34
cg08599229	7	rs75917398	Sep-13
cg25389463	1		RBM34;RBM34;RBM34
cg21143441	17		C17orf44
cg07894162	22		MORC2;TUG1
cg11919003	13		DLEU1;DLEU2
cg27401698	16		LOC283922
cg02503815	7		DPY19L2P2;DPY19L2P2
cg09980686	2	rs12464121	C2orf52
cg02549834	19		SEC1;NTN5
cg01841828	16		CHTF8;CHTF8;CHTF8;CHTF8;CIRH1A
cg14503796	3		DVWA;CAPN7
cg01308549	21	rs11911729	DSCR9
cg21990144	2		CLK1;CLK1;CLK1;CLK1
cg02771392	7	rs35692753	ZNF273;ZNF273
cg00767560	19	rs16996320	LOC284440
cg03814063	22		C22orf34
cg01800614	6		IFITM4P
cg13173909	2		UGGT1;UGGT1;UGGT1
cg18170076	7	rs78097622	POMZP3;LOC100133091;POMZP3
cg08771706	11		KCNQ1DN
cg18197998	9		PPP2R4;PPP2R4;PPP2R4;CRAT;CRAT
cg09230350	6	rs3180876	rs41267110
cg09577425	6		PACRG;PACRG;LOC285796;PACRG
cg07216112	15		ISLR2;LOC283731;ISLR2;ISLR2;ISLR2;
cg05618183	16	rs77688126	FUS;FUS;FUS;FUS
cg18780276	2		TMEM150A;TMEM150A;TMEM150A
cg18061847	8		HAS2;HAS2AS
cg03855656	22		SERHL
cg04045419	10	rs35136724	WAC;WAC;WAC
cg21858113	11	rs57371658	SCN4B;SCN4B;SCN4B;SCN4B
cg10275180	20	rs1138756	FRG1B
cg16893174	17		ALOX12P2

cg14641774	21	rs13046079	C21orf49;C21orf49
cg10766021	7		ZNF783
cg07873320	6		C6orf227
cg15482500	11		MIR210
cg21481141	19		CIRBP;C19orf23;CIRBP;CIRBP
cg04513422	13		C13orf29
cg13402773	19		SEC1;DBP
cg01405107	17		LOC404266;LOC404266;LOC404266;
cg13340335	11		LOC100128239
cg07490142	22	rs79301878	FLJ39582;THAP7;FLJ39582;THAP7
cg20086597	1		LOC731275
cg16649915	1		OR2M1P
cg27519555	1	rs16863397	GORAB;GORAB;GORAB
cg01675238	15		JMJD7-PLA2G4B;JMJD7;JMJD7-PLA2
cg23181861	19		RPL18AP3;RPL18A
cg17038116	1		ASH1L;LOC645676
cg17050693	17	rs12603630	GHDC;GHDC;GHDC;GHDC;GHDC;GH
cg12768770	1		SNORD55;SNORD46;RPS8
cg21406217	8		INTS9;INTS9;HMBOX1;HMBOX1;INT
cg19429740	11		RNF121;RNF121;LOC100133315;RNI
cg22202401	15	rs78163310	CSNK1A1P
cg25724246	3		SNAR-I
cg09114153	11		C11orf21;TSPAN32;C11orf21
cg00832101	20		SNHG11;SNORA39
cg09526697	4		LOC348926
cg21112719	3		ZNF620;ZNF620
cg03177025	2		BRE;BRE;BRE;BRE;RBKS;BRE;LOC100
cg18954434	22		CN5H6.4;GTSE1
cg20962137	3		COL29A1;COL29A1;COL29A1
cg13078388	19		CIRBP;C19orf23;CIRBP;CIRBP
cg20309061	15		CAPN3;CAPN3;CAPN3;CAPN3;CAPN:
cg12446939	1		ASH1L;MIR555
cg02178774	19		LOC729991;RFXANK;LOC729991-ME
cg18076500	19		ECSIT;ECSIT;ECSIT;ECSIT
cg09650667	3		COPB2;COPB2
cg07926598	7		SDK1;SDK1
cg12950665	7		SDK1;SDK1
cg27416261	9		LOC158381;LOC158381
cg21812670	1		SNORD45C;RABGGTB
cg14793891	2		GLB1L;STK16;GLB1L;STK16
cg18254356	5	rs534655	LOC153684
cg21075870	1	rs605506	MSTO2P
cg10497951	11		LOC100133315
cg07988989	2		TMEM185B

cg03654106	19	rs62126040	SNAR-G1;CGB1
cg19152770	4		LOC84740
cg20498895	3		SNORA7A;RPL32;RPL32;RPL32
cg23506561	15	rs3825768	SNORD116-20;SNORD116-21
cg12047086	2		LOC151174;LOC151174
cg25271404	15	rs6495689	GOLGA8B
cg06788790	17		RNF126P1
cg24148841	6		CDYL;CDYL;CDYL;CDYL
cg11227237	6	rs73439096	C6orf52;PAK1IP1;C6orf52;C6orf52
cg18588811	14		MIR377
cg04117643	17		EIF4A1;SNORA48
cg16621560	13		MIR548F5;DCLK1
cg21565017	3		C3orf49
cg05329135	13		LOC121952
cg22142142	15		GABARAPL3
cg06781135	6		LOC100270746;C6orf41
cg04374231	1		LOC647121
cg09083108	6		PACRG;PACRG;LOC285796;PACRG
cg09410084	1		ASH1L;LOC645676
cg25719236	6		LYRM2;LYRM2;LYRM2;LYRM2
cg15987431	1	rs61740910	MIR1182;FAM89A
cg03549146	16		MIR140;WWP2;WWP2
cg09831207	2	rs71410494	PRDXDD1P
cg21857017	2		LOC100133985
cg23684682	19		ZNF30;ZNF30;ZNF30;ZNF30
cg07959070	22		C22orf34
cg26178446	2		OBFC2A;OBFC2A
cg27617225	8		CPSF1;MIR1234
cg23068797	19		DNM2;MIR199A1;DNM2;DNM2;DNI
cg21538216	22		PARVG;PARVG;PARVG;PARVG;PARV
cg11933757	17	rs11540320	NCRNA00188;NCRNA00188;NCRNA00188
cg19844955	15		SNORD116-15;SNORD116-16
cg26111518	17		GHDC;GHDC;GHDC;GHDC
cg16032841	13	rs2277425	C13orf29
cg19255853	4		LOC93622
cg13663218	12		LOC283392;TRHDE;LOC283392
cg06266993	17		LOC404266;LOC404266;LOC404266;
cg05891181	6	rs72545987	HCG27
cg01965047	16		PKD1;MIR1225;PKD1
cg16204151	19	rs60314070	MIR523
cg18923803	1		FLVCR1;LQK1;LQK1
cg02139796	6	rs2229049	LOC442245
cg01508796	10		C10orf75
cg20731875	17		HS3ST3B1;MGC12916

cg01928553	7		ATP6V0E2;ATP6V0E2;LOC401431
cg09815638	7	rs73361998	CCT6P1
cg10592710	3		COL29A1;COL29A1
cg03724640	12		CD27;LOC678655
cg24576225	13		LOC100190939;TPT1
cg26560928	7		MKLN1;FLJ43663
cg00884680	3		ACAA1;ACAA1;ACAA1;MYD88;ACAA
cg05582165	3		C3orf17;C3orf17;C3orf17
cg14188650	15		SNORD115-8
cg13374648	19		PEG3;PEG3;ZIM2;ZIM2;PEG3;ZIM2;N
cg25588635	7		ZNF273;ZNF273
cg01638101	2		LOC100189589
cg26120756	8		TATDN1;TATDN1;TATDN1;NDUFB9
cg18843682	12		HOXC4;HOXC5
cg25196296	8	rs13274853 rs5024323	FAM66A
cg21648425	2	rs36226881	CD8A;CD8A;CD8A;CD8A
cg10763594	2	rs78470215	DIRC3
cg04112787	22	rs13053481	psiTPTE22
cg16201596	6	rs9261106	HLA-J;NCRNA00171
cg11456756	6		HLA-L
cg06752340	21	rs11910504	C21orf49;C21orf66;C21orf66;C21orf
cg00407150	3		HHATL;HHATL
cg14421309	2		ZEB2;ZEB2;ZEB2;ZEB2;ZEB2
cg00610228	6	rs35168508	FKBP5;LOC285847
cg25945303	10		KLF6;KLF6;KLF6;KLF6
cg15149095	1		SYT14;SYT14;SYT14;SYT14;SYT14;SY
cg05767306	3		AMT;AMT;AMT;AMT;AMT
cg14425733	22		LOC150381;C22orf26
cg07573279	11		LOC645332
cg01358993	5		LOC645323;LOC645323;LOC645323
cg07095783	10		ZEB1;ZEB1;ZEB1;ZEB1;ZEB1;ZEB1
cg27331871	11		INS-IGF2;IGF2;INS-IGF2
cg20104055	3	rs77327593	LSM3;XPC;XPC;XPC
cg13697715	5		LOC202181
cg01273384	20		MIR1257
cg11905407	11		CASP5;CASP5;CASP5;CASP5;CASP5;C
cg01348570	4		UBA6;LOC550112
cg23108728	2		TUBA4B;TUBA4A
cg11517045	2	rs59694669	MTHFD2;MTHFD2
cg01472299	6		CDYL
cg11740927	20		LOC643406
cg05919625	18	rs73426565	ZNF271;ZNF397OS;ZNF271;ZNF397C
cg15654127	7		POT1;POT1;POT1;POT1;POT1;POT1;
cg05776603	14		CFL2;CFL2;CFL2;CFL2;CFL2

cg13547299	11		TOLLIP;LOC255512
cg03136625	6		C6orf48;C6orf48;C6orf48;SNORD48;
cg10716163	19		MUM1;MUM1
cg03955764	10		LOC100133308
cg17354052	16		UBFD1;EARS2;EARS2
cg10715527	8		ANK1;MIR486;ANK1;ANK1;ANK1;AN
cg11783815	6		C6orf227
cg09141338	17		FXR2;SHBG
cg01311102	9		PTGES2;PTGES2;PTGES2
cg25064146	11	rs12789541	TIMM8B;SDHD;TIMM8B
cg02649063	16	rs7200011	CES4
cg17504991	6		DAXX;DAXX;DAXX;DAXX
cg20266104	17	rs9901071	TMEM11;TMEM11
cg23572163	22	rs58514871	psiTPTE22
cg14814323	11		SMPD1;SMPD1;SMPD1
cg25877179	17		SNORD42B;RPL23A
cg02593924	16		IGFALS;IGFALS;IGFALS
cg24823137	19		MIR372;MIR371;MIR373
cg01322165	2	rs11556398	TRIB2;TRIB2;TRIB2
cg18311708	7		ZNF767;ZNF767
cg08884624	2		MYCNOS;MYCN
cg04188086	1		FLJ37453;SPEN
cg04288299	4		WHSC2;MIR943
cg25012898	1		TMEM79;SMG5
cg04627849	22		POM121L1P
cg05774978	1	rs1053423	PDIA3P
cg03693749	6		HLA-DPB2
cg07314523	17		AFMID;AFMID;AFMID;TK1;AFMID
cg26053291	2	rs34513596	FLJ40330
cg14821382	2		C2orf14
cg01852272	19		LOC284440
cg08264885	8	rs78882264	POLR3D;MIR320A
cg06545143	6		LOC441177;C6orf176;C6orf176
cg21525314	7		DPY19L2P2;DPY19L2P2
cg08839210	17		RAB34;RAB34;RAB34;RAB34;RAB34;
cg01229567	1		MIB2;MIB2;MIB2;MIB2;MIB2;MIB2
cg07527324	14		C14orf159;C14orf159;C14orf159;SN
cg10884885	1		LOC149134
cg05492270	11		RNF121;LOC100133315;RNF121;RNI
cg07940593	22		RPL3;SNORD83B;RPL3
cg16403299	1		C1orf97
cg13206706	1		RPL5;SNORD21
cg15837838	17	rs59489829	CCDC144C
cg16385939	1		LOC728875

cg09242100	19	rs35441287	ZNF525
cg22725901	19		MIR518C
cg24059871	19		POP4;POP4
cg07187233	1		DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1
cg06317622	16		GFOD2;GFOD2;GFOD2
cg07529750	2	rs72492115	LOC654342
cg08165151	6		NCRNA00120;AKIRIN2
cg25776856	7	rs55859862	SLC26A4;LOC286002
cg22772180	13		PSPC1;PSPC1
cg18981338	14		DHRS4;C14orf167;C14orf167;C14orf167
cg23522832	1		LOC400752
cg16638920	5		LOC645323;LOC645323
cg09663204	5		LOC100129716;ARRDC3
cg01521378	6		NCRNA00171
cg15719339	21	rs75623773	C21orf34;C21orf34
cg06906869	13		NEK3;NEK3;NEK3;NEK3
cg00261534	10		KLF6;KLF6;KLF6;KLF6
cg12486710	1		C1orf220;C1orf220
cg18366455	3		SOX2OT
cg13959647	9		PSMD5;LOC253039
cg04992930	5	rs16880430	BRD9;BRD9;BRD9
cg08423149	7		RNF216L;RNF216L;RNF216L
cg20653009	17	rs73301318	LOC284100
cg04402891	20		NCRNA00029
cg21532432	11		IGF2AS;INS-IGF2;IGF2;IGF2AS
cg12119029	16		CDK10;CDK10;CDK10;CDK10;CDK10;
cg11867420	7		STAG3L4;PMS2L4
cg07927379	7	rs74424274	C7orf13;RNF32
cg21287936	19		ZNF667;ZNF667
cg19678029	11		KCNQ1OT1;KCNQ1;KCNQ1
cg16635550	6		STK19;STK19;DOM3Z;STK19
cg07218344	13		TRIM13;TRIM13;TRIM13;TRIM13;TRIM13
cg26137121	8		C8ORFK29
cg17539315	12		LARP4;LARP4;LARP4;LARP4;LARP4;LARP4
cg15164573	17		LOC100128288
cg12528452	11		INS-IGF2;IGF2;IGF2;IGF2
cg05308293	7		RPS2P32
cg26039305	11		MIR670
cg14257107	1	rs71664096	GNRHR2;RBM8A
cg07987890	15		MIR548H4
cg00808170	5		PCDHGA4;PCDHGA11;PCDHGA11;PCDHGA11
cg12503971	12		LOC100240735;FLJ12825
cg24874705	15		LOC645752
cg00543443	20		LOC647979

cg05173737	14		FLJ43390
cg10432093	6		HCG9
cg04915414	1		SHC1;SHC1;CKS1B;CKS1B
cg05641843	17	rs11552638	EIF4A1;SNORA48
cg24844423	19		PEG3;PEG3;ZIM2;ZIM2;PEG3;ZIM2;N
cg03367679	17		MED24;MED24;SNORD124
cg01820463	2		FTHL3;PPM1G;PPM1G
cg27611263	2		THUMPD2;THUMPD2
cg19660618	12		LOC100286844;NCKAP5L;NCKAP5L;l
cg01105073	11		PGAP2;PGAP2;PGAP2;PGAP2;PGAP2
cg01630479	22		MIR1306;DGCR8
cg03082779	20		ZMYND8;LOC100131496;ZMYND8;Z
cg09281979	2		DCAF17;METTL8;DCAF17;DCAF17
cg21633052	4		C4orf38
cg25576352	19		ECSIT;ECSIT;ECSIT;ECSIT
cg09916234	4		WHSC1;WHSC1;WHSC1;SCARNA22;l
cg17339147	7		WNT2;WNT2
cg07273415	11		TMEM138;CYBASC3;CYBASC3;TMEN
cg14485809	10		FLJ41350;LBX1
cg13500842	19	rs76389034	GYS1;GYS1;GYS1
cg03332810	10		PPP2R2D;PPP2R2D;PPP2R2D
cg02659673	1		LOC100133612;C1orf174
cg22619824	7		ST7;ST7;ST7OT2
cg08408453	11	rs34193719	PDE2A;PDE2A;PDE2A;PDE2A
cg18997137	13		FLJ37307;FLJ37307
cg11136251	15		ZWILCH;ZWILCH;RPL4
cg01027728	5		LOC255167;LOC255167
cg19843451	1	rs61437216	LOC400752
cg05697832	7		SDK1;SDK1
cg07220782	6		LOC100270746;C6orf41
cg16579431	16		TMEM8A;LOC100134368
cg24051554	1		LOC100132111;C2CD4D
cg17774634	6		C6orf167;MIR548H3
cg25114075	3		CEP63;ANAPC13;CEP63;ANAPC13;C1
cg05175337	5		RNU5E;RNU5D;ZCCHC9;ZCCHC9;ZCC
cg04419707	22	rs17555272	RPL3;SNORD43;RPL3
cg22358276	6		C6orf59;AGPAT4
cg26702985	10		ZNF37B
cg03964851	5	rs77830550	MIR1974;C5orf36;C5orf36
cg09872104	7		C7orf49;C7orf49;C7orf49;C7orf49
cg04144321	12		NCRNA00173;NCRNA00173
cg09559971	16		TRAF7;SNORD60
cg16424519	16		SLC7A5P2
cg08306955	6		CMAH;CMAH

cg03562868	6		PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLA
cg24255269	3		PISRT1
cg18002437	1		LOC728875
cg06158985	3		C3orf74
cg18598029	6		HCG27
cg12339904	22		RFPL1S;RFPL1
cg13135459	10		LOC387646
cg18162350	1		PABPC4;PABPC4;PABPC4;SNORA55
cg12110333	5	rs72719206	LOC728613
cg07553475	6		FLJ22536
cg21482745	2		NEURL3
cg17201760	4		ZNF876P
cg21871203	3		KCNMB3;KCNMB3;KCNMB3;KCNMB
cg02232751	11		LDHA;LDHA;LDHA;LDHA;LDHA
cg11379605	1	rs77252600	CD58;CD58;CD58
cg07604732	16		LOC728276
cg20996579	14		FLJ31306;FLJ31306;ARID4A;ARID4A;
cg23435915	5		LOC153684
cg27333886	19		SAE1;SAE1;SAE1;SAE1
cg03043822	22		TOP1P2;PIWIL3
cg14753458	3		IP6K2;IP6K2;IP6K2;IP6K2;IP6K
cg08855729	12		H2AFJ;H2AFJ
cg02585417	12		MIR618;LIN7A
cg00097536	2	rs71707059	ZFP36L2;LOC100129726
cg02596499	7		FLJ43663;FLJ43663
cg13305186	11		TMX2;TMX2;TMX2;C11orf31
cg06688014	10		XPNPEP1;XPNPEP1;XPNPEP1
cg23718418	6		PHF1;PHF1;PHF1
cg15772366	6		TRAF3IP2;TRAF3IP2;TRAF3IP2
cg26550938	1	rs74678936	LOC100133612
cg03047554	14		THTPA;THTPA;THTPA;THTPA;THTPA
cg22705386	7		MEST;MEST;MEST;MESTIT1
cg08639244	19		ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP!
cg05691383	9		LOC340508
cg26469244	15		SNORD115-21;SNORD115-20;SNORI
cg13858747	11	rs5743851	LOC255512;TOLLIP
cg13553147	1		SNORD38B;RPS8
cg22369818	15		GABPB1;GABPB1;GABPB1;FLJ10038;
cg00786256	6		C6orf147
cg09218524	15		LOC283663
cg08049736	6		HLA-L
cg24245352	22	rs3986050 rs3986049	RNF185;RNF185;RNF185;RNF185;RN
cg22178096	3		RPL32P3
cg21417675	7		LOC286016;TNPO3;TNPO3

cg15679153	3		LSM3;XPC;XPC;XPC;LSM3
cg14048487	17		BRCA1;BRCA1;BRCA1;BRCA1;BRCA1
cg04925196	12		POU6F1;POU6F1
cg15691003	1		HSPC157;HSPC157
cg22065500	7		TNPO3;LOC286016
cg25477839	8		ZNF252;C8orf77
cg07655479	4		LOC441046
cg09318162	6	rs77813053	PPP1R2P1
cg14014525	17		G6PC3;G6PC3;G6PC3
cg20121513	6		GUSBL2
cg06083642	7		CHPF2;MIR671
cg07960084	17		TMEM11;TMEM11;TMEM11
cg25268451	20		GNASAS;GNAS
cg08969198	22	rs9623641	RNU12;POLDIP3;POLDIP3
cg02606403	2		LOC100132215
cg05670472	5		PCDHGA4;PCDHGA11;PCDHGA11;PC
cg27395922	11	rs58491120	LOC441601
cg26988585	17		CDRT15P
cg07324381	9		GPSM1;GPSM1;LOC26102
cg00074348	11		APLNR;APLNR
cg12212101	7		RP9P
cg24087783	1		TRNAU1AP;TRNAU1AP
cg00450487	8		ZFAND1;ZFAND1;ZFAND1;ZFAND1;Z
cg10205287	4		MAPKSP1;MAPKSP1;MAPKSP1
cg27490387	6		HCG11
cg09400566	19	rs11555033	C19orf23;CIRBP;CIRBP;CIRBP
cg12007399	19		ZFR2;ZFR2;ZFR2
cg21019820	3		MIR191;NDUFAF3;NDUFAF3;NDUFA
cg05137443	6	rs17221401	HLA-DPB2
cg27592126	17		RPL23;SNORA21
cg24155748	7		POLR2J4
cg02975060	14		MIR1185-2
cg20177310	2	rs56254527	ZEB2;ZEB2;ZEB2
cg16970804	5		LOC153684
cg07800806	22		LOC91316
cg00346898	1		TSNAX-DISC1;DISC1;DISC1;DISC1;DIS
cg25707676	7		DLX6AS
cg16745104	20		MIR941-1;MIR941-3;MIR941-2;MIR5
cg25361850	19		ZNF577;ZNF577;ZNF577
cg05285228	7		POT1;POT1;POT1;POT1;POT1
cg12930819	2	rs6751132	LMAN2L;LMAN2L;LMAN2L;LMAN2L;
cg26856583	16	rs74605057	MAP1LC3B;FBXO31;MAP1LC3B
cg19537184	19		MIR520C;MIR526A1
cg10145584	11		IL10RA;IL10RA

cg26590411	4		SNORA24;SNHG8
cg01254948	5		GPR98;GPR98
cg26361313	10		LOC282997;PDCD4;PDCD4
cg06905762	5	rs1279736	GNB2L1;SNORD95
cg02228481	6	rs3130463	HCG27
cg02967546	17		C17orf91;C17orf91;WDR81;C17orf9
cg20335185	1		MSTO2P
cg16251576	12	rs4842677	LOC338758
cg10836887	5		LOC645323
cg14550519	17		LOC653653
cg09661284	5	rs41285575	GNB2L1;SNORD95
cg17274400	12		NECAP1;NECAP1
cg08737296	20		MIR124-3
cg15168906	11		IGF2AS;INS-IGF2;IGF2;IGF2;IGF2AS
cg24753148	11		APLP2;APLP2;APLP2;APLP2;APLP2;A
cg02774282	6		CCDC162
cg13038025	15		JMJD7-PLA2G4B;JMJD7-PLA2G4B;PL
cg04155485	7		MIR589;FBXL18
cg17109533	19		MIR515-2;MIR515-1
cg10036368	6		LOC285796
cg05352541	22		PITPNB;LOC284900;LOC284900
cg09758490	4	rs74322951	LOC100130872;LOC100130872-SPOI
cg07618928	2	rs2241879	ATG16L1;SCARNA5;ATG16L1
cg12654189	7		LOC100134713;NDUFB2
cg02627887	5		LOC645323
cg01462607	19		NCRNA00085
cg26257814	19		FLJ26850
cg14051842	6		LOC100270746;C6orf41
cg12959622	20		SNORD12B;C20orf199;SNORD12C;M
cg13197733	7	rs11983460	FAM185A;FAM185A;FAM185A
cg08066497	7		SLC25A13;SLC25A13;SLC25A13
cg14113010	5		GNB2L1;SNORD95
cg10245314	1		UBE2J2;UBE2J2;LOC100128842;UBE
cg04107539	7	rs1128461	TP53TG1
cg01537486	11	rs11558674	SNORD27;SNORD26;SNORD29;SNOF
cg06627801	4		WHSC1;WHSC1;WHSC1;SCARNA22;1
cg22420044	7		MCM7;MCM7;MIR25
cg15379025	21		C21orf82;C21orf82
cg10706100	6		LOC441177;C6orf176;C6orf176
cg16539629	14		C14orf132
cg01572694	17		MIR10A
cg14903612	10		LOC283050;LOC283050;LOC283050
cg04927033	17		LOC644172
cg16922466	6		DAXX;DAXX;DAXX;DAXX

cg19603557	17		COX11;COX11;COX11;COX11;STXBP4
cg19695521	6	rs6906180	HCG18;HCG18
cg07422345	19	rs41428545	LOC80054;CEBPA
cg07953034	19		ECSIT;ECSIT;ECSIT;ECSIT;ECSIT;ECSIT
cg00147751	7		GATS;GATS;GATS;GATS;PVRIG
cg16572540	19		MIR24-2
cg11608241	8	rs35229339	FLJ10661;FLJ10661;FLJ10661
cg24260710	22		MIR33A;SREBF2
cg01521220	17	rs77574787	MIR1203;SKAP1;SKAP1
cg26143338	5	rs35952611	SDHAP3
cg00431236	2		ACP1;SH3YL1;ACP1;ACP1;ACP1;SH3BP1
cg08229366	7		MESTIT1;MEST;MEST;MEST
cg01520105	6		TRAF3IP2;TRAF3IP2;TRAF3IP2;TRAF3IP2
cg07242427	6		MGC26597
cg07116997	7		HOXA11AS;HOXA11
cg07788369	7	rs34413484	DLX6AS
cg16357834	4		MGC45800
cg11700800	5		FLJ42709;FLJ42709;FLJ42709
cg15157453	1	rs71763394 rs80107141	POMGNT1;POMGNT1
cg22537343	19		MIR525
cg22658229	13		SUGT1L1
cg15062711	1		TMED5;CCDC18;TMED5;TMED5;CCDC18
cg07516483	8		LOC100192378
cg19981839	16		CD2BP2;CD2BP2
cg23942884	6		PPP1R2P1
cg24195169	7		LOC349114
cg06969395	5	rs62387132	LOC100133050
cg11891983	18		RPL17;SNORD58A;SNORD58B;RPL17
cg05055326	6		HCG9
cg14282222	7	rs62481876	C7orf49;C7orf49;C7orf49
cg01983504	20		PANK2;MIR103-2;PANK2;PANK2
cg04255278	5		FLJ42709;FLJ42709;NR2F1
cg12469954	11		LOC143666;PHRF1
cg03892356	12	rs74089890	HOXC4;HOXC5;HOXC6;HOXC6
cg09060275	22		MIAT
cg16847051	12		CALCOCO1;CALCOCO1;CALCOCO1
cg05115468	11	rs2269353	SNORD27;SLC3A2;SLC3A2;SNORD26
cg11688874	10		WAC;WAC;WAC;WAC;WAC
cg17594424	15	rs11555369 rs1049531	MIR1282;SERF2
cg08754067	5		SNORD72;RPL37
cg15364169	6	rs6939616	HLA-J;NCRNA00171
cg16391783	15	rs78774742	C15orf34;HEXA
cg11032038	16	rs80101105	MIR1826
cg05988158	22		CHKB-CPT1B;CHKB;LOC100144603;C15orf34

cg04516152	9	rs2275157	SNHG7;SNORA17;SNHG7;SNHG7
cg05821634	1	rs77695076	FLJ37453
cg18563153	8		PVT1
cg04543156	10		ATAD1;ATAD1;CFLP1
cg00661523	3		MBNL1;MBNL1;LOC401093;LOC4010
cg26534477	17	rs35067771	G6PC3;G6PC3;G6PC3
cg13997013	2		LOC285074
cg10972625	1		LOC100286793;FLJ39739
cg02484047	19		MORG1;MORG1;MAN2B1
cg20521277	8		C8orf75
cg11128021	5		RNU5E;RNU5D
cg20523169	17		FLJ45079
cg19269520	17		LOC90586
cg12296644	1		GNRHR2;PEX11B
cg14123427	14		MEG3;MEG3;MEG3
cg06559318	6	rs28679786	HLA-DRB6
cg08775774	12		CCDC62;CCDC62;CCDC62
cg00537203	17		LOC92659;MAFG
cg01605984	9		SNORD24;SNORD36B;MED22;RPL7A
cg01250961	10		EMX2OS
cg09278885	1	rs12034613	C1orf86;LOC100128003;C1orf86
cg10281852	8	rs35229339	FLJ10661;FLJ10661;FLJ10661
cg15869022	2		GPR17;GPR17;LIMS2;LIMS2;LIMS2;C
cg09615909	6		DAXX;DAXX;DAXX;DAXX
cg07895657	22		PANX2;PANX2;PANX2
cg14245347	6	rs2523801	HLA-H
cg18224077	11		LOC399959
cg06324048	20	rs6026561	GNAS;GNAS;GNAS;GNASAS

UCSC_RefGene_Accession	UCSC_RefGene_Group	Relation_to_IDMR	
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NR_024282	TSS1500	Island	
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NR_026830	Body	N_Shore	RDMR
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NM_152520;NR_031659	5'UTR;TSS200	Island	
NR_026757	Body	S_Shore	
NR_003584;NR_002963	TSS200;TSS1500	Island	
NR_024330	Body	Island	DMR
NR_002995	Body	Island	
NM_033028;NR_002780	TSS1500;Body	N_Shore	
NM_005378;NR_026766	Body;TSS1500	Island	
NM_001123067;NM_016835	5'UTR;5'UTR;TSS1500;Body;5'UTR	Island	DMR
NM_006041;NR_026880	Body;Body	S_Shore	CDMR
NM_001085365;NR_026922	Body;TSS1500	Island	
NR_028301;NR_028302;NR	(Body;Body;TSS200	Island	DMR
NM_032741;NM_006913;NR	TSS1500;TSS200;TSS200		
NM_178040;NR_027949;NR	TSS1500;TSS1500;TSS1500;TSS1500	N_Shore	RDMR
NR_024184;NR_024182;NR	(TSS1500;TSS1500;TSS1500		
NR_026550;NM_018442;NM	TSS1500;Body;TSS1500;TSS1500	Island	
NR_024525;NM_003869;NM	TSS1500;1stExon;TSS1500;1stExon	Island	
NM_001139518;NM_001042	TSS1500;TSS200;TSS200;TSS1500	Island	
NR_026753;NM_031484	Body;1stExon	Island	
NR_002814	TSS200	Island	
NM_021253;NR_024052;NR	TSS1500;Body;Body	N_Shore	
NR_015431;NM_001145354	TSS1500;5'UTR	Island	
NM_001040144;NR_033227	TSS200;TSS200;TSS1500;TSS1500	Island	
NR_024421;NR_024422	Body;TSS200	Island	
NR_015450	TSS1500	Island	
NM_144611;NR_023347;NR	3'UTR;Body;Body		

NR_024483;NM_017829;NM	TSS1500;Body;Body;TSS1500	Island	
NR_004053;NM_003106	Body;TSS200	N_Shore	DMR
NR_029434;NM_002892;NR_	TSS200;TSS1500;TSS200;TSS1	Island	
NR_027253	Body	N_Shore	
NR_003716	Body	Island	DMR
NR_024555;NM_014836;NR_	Body;TSS200;Body;TSS200	Island	
NR_024362;NR_024363;NR_	(TSS1500;TSS1500;TSS1500	Island	
NM_001144072;NM_177967	Body;Body;Body	S_Shore	
NR_027447;NM_016219	TSS200;TSS200	Island	
NR_023350;NM_004766	TSS1500;TSS1500	Island	
NM_001164309;NR_028343;	5'UTR;Body;5'UTR;5'UTR	N_Shore	CDMR
NM_001145391;NM_001145	TSS1500;Body;TSS1500;TSS1500		
NR_024520;NR_024519;NM_	TSS200;TSS200;TSS200;TSS20	Island	
NR_027141;NM_207009	Body;Body	Island	
NR_027068	TSS200	N_Shore	
NM_004640;NR_003065;NM_	5'UTR;TSS1500;5'UTR	N_Shore	
NR_024330	Body	Island	DMR
NR_001435	Body	Island	
NR_026703	Body		
NM_031443;NM_001167935	TSS1500;TSS1500;TSS1500;B	Island	
NR_028044;NR_003512;NM_	Body;Body;5'UTR;Body	N_Shore	
NR_003306	TSS200		
NR_024383;NR_015436	Body;Body	N_Shore	
NM_001099625;NM_001099	5'UTR;5'UTR;5'UTR;Body;5'U	S_Shore	RDMR
NR_027387	TSS1500	N_Shore	
NR_024555;NR_024554	Body;TSS1500	N_Shore	
NR_026550;NM_001143674;	TSS1500;5'UTR;TSS200;TSS15	Island	
NR_023313;NR_023312;NM_	Body;Body;TSS1500	Island	
NM_001040437;NM_001040	5'UTR;5'UTR;1stExon;TSS200;	S_Shore	
NR_027405;NM_006636;NM_	Body;1stExon;5'UTR	Island	
NR_028444;NM_006810	TSS1500;TSS1500	N_Shore	
NR_033258;NM_014795;NM_	Body;Body;Body	Island	DMR
NM_005412;NR_029416;NR_	TSS1500;TSS1500;TSS1500;T	N_Shore	
NR_028138	Body	Island	
NM_003927;NR_002970;NM_	Body;TSS1500;Body	N_Shore	
NM_021953;NR_027363;NR_	TSS1500;Body;Body;TSS1500	S_Shore	
NM_023924;NR_027633;NM_	TSS1500;TSS1500;TSS1500;B	S_Shore	
NR_027425	Body	S_Shelf	
NM_024814;NR_024199	Body;Body	S_Shore	RDMR
NR_027463;NR_027462;NM_	Body;Body;TSS200	S_Shore	
NR_003512;NM_001042376;	Body;Body;1stExon;5'UTR		
NR_028389;NM_001106	Body;TSS1500	N_Shore	RDMR
NR_002942	Body	Island	
NR_003013;NR_027058	Body;Body	S_Shore	

NR_002325;NM_001012321; TSS1500;TSS1500;5'UTR	S_Shore	
NM_001039465;NM_006925 Body;Body;TSS1500	S_Shore	RDMR
NR_028099;NM_025230;NM_ TSS1500;TSS1500;TSS1500;TSS1500	N_Shore	
NR_021485	Body	S_Shore DMR
NR_003142;NR_003020;NM_ TSS200;TSS1500;TSS200	Island	
NR_024576;NM_001142628; Body;Body;Body;Body;Body	S_Shore	
NR_027346;NR_027345	TSS1500;TSS1500	
NR_024350;NM_001136497; TSS200;TSS200;TSS1500;TSS200	N_Shore	
NR_027795	TSS200	
NM_001001420;NM_005903 5'UTR;5'UTR;5'UTR;Body	Island	
NR_026757	TSS1500	N_Shore
NR_023362	TSS200	
NR_024612;NM_001137675	TSS1500;TSS1500	N_Shore
NM_015001;NR_024279	TSS1500;Body	Island
NR_024587;NM_001142673; TSS200;TSS200;TSS200;5'UTR	Island	
NM_020866;NM_020866;NR_ 1stExon;5'UTR;Body	S_Shore	
NM_001161562;NM_015028 1stExon;1stExon;5'UTR;1stExon	Island	
NR_027068	Body	N_Shore
NR_027473;NM_012308	Body;Body	
NM_001865;NR_029466	Body;Body	
NR_026972;NR_026973	Body;Body	Island DMR
NR_027788;NR_027789	Body;Body	Island
NR_027276	Body	CDMR
NM_022114;NR_015440;NM_ TSS200;TSS1500;TSS200;TSS1500	Island	
NR_001558	Body	S_Shelf
NM_138761;NM_138763;NR_ TSS200;TSS200;TSS200;TSS200	Island	
NM_003292;NM_017847;NR_ TSS1500;TSS200;Body;TSS200	Island	
NR_002188	TSS1500	S_Shore
NM_003143;NR_015392	TSS200;TSS200	Island
NM_000800;NM_033136;NM_ 5'UTR;5'UTR;5'UTR;5'UTR;Body;Body		
NR_0207037;NR_0207038;NR_ 5'UTR;5'UTR;TSS200;1stExon;	Island	
NR_026581;NM_005439	TSS1500;TSS1500	S_Shore
NR_024383;NR_015436;NR_ (Body;Body;Body		RDMR
NR_024588;NM_014741;NM_ Body;1stExon;5'UTR;1stExon;	Island	
NM_080425;NM_001077490 TSS1500;TSS1500;3'UTR;TSS1500	Island	CDMR
NM_001145666;NR_027265; TSS1500;TSS1500;TSS1500;TSS1500	S_Shore	
NR_018412;NR_021908;NR_ 5'UTR;5'UTR;TSS1500;Body;1stExon	N_Shore	
NM_018229;NR_026895;NM_ 5'UTR;Body;TSS1500;1stExon	S_Shore	
NR_031766;NM_017899;NM_ Body;Body;Body	N_Shore	
NR_015441	Body	Island
NR_030159;NM_001143979; Body;1stExon;5'UTR;TSS1500		
NR_024409;NM_003262;NR_ Body;TSS1500;Body	N_Shore	
NR_029435;NR_029434;NM_ Body;Body;TSS1500;TSS1500	Island	
NM_001142587;NM_001142 TSS1500;TSS1500;TSS1500;Body	N_Shore	

NR_027430;NM_025125;NR_Body;1stExon;Body;Body;Boc	Island	
NR_024588;NM_014741;NM_Body;1stExon;5'UTR;TSS1500	Island	
NR_003512;NR_028044;NM_Body;TSS1500;Body;5'UTR;TS	Island	
NM_001164821;NM_024770	Body;1stExon;5'UTR;Body;Bo	S_Shore
NR_026781;NR_026780	Body;Body	S_Shore
NM_153262;NR_027458;NR_Body;Body;Body;Body;Body;f	Island	
NM_001146069;NR_015453;TSS1500;TSS1500;TSS1500	Island	
NM_053005;NR_021489	Body;Body	N_Shore
NR_015411	Body	S_Shore
NR_028044;NR_003512;NM_Body;Body;5'UTR;TSS1500;Bc	N_Shore	RDMR
NM_002931;NR_029633	TSS1500;TSS1500	N_Shore
NR_026866	TSS1500	
NR_015440	Body	Island
NR_026698;NM_002264	Body;5'UTR	Island
NR_023350;NM_004766	TSS200;TSS200	Island
NR_003128	Body	
NR_015339	Body	N_Shore
NR_024519;NR_024518;NR_(Body;Body;Body;1stExon;1stl	Island
NR_031592;NM_007065	TSS1500;TSS1500	Island
NM_174917;NR_023316;NM	Body;Body;Body	S_Shelf
NR_002809	Body	Island
NR_024585;NM_004747	TSS1500;1stExon	Island
NR_026989;NR_026985;NR_(Body;TSS200;Body;TSS200;TS	Island
NR_033255;NM_012145;NM	TSS1500;TSS1500;TSS1500	S_Shore
NR_027276	TSS200	CDMR
NR_027249;NM_003299	Body;TSS1500	Island
NR_023918;NR_023919	TSS1500;TSS1500	N_Shore
NM_001007139;NR_003512;	TSS200;Body;Body	
NR_027633;NM_001009877;	Body;Body;Body	
NR_004407	TSS1500	
NR_003551	TSS1500	Island
NM_001128325;NR_033182;	Body;Body;Body	Island
NM_001016;NR_002436	Body;TSS200	S_Shelf
NR_003614;NM_018991;NM	TSS1500;5'UTR;5'UTR	Island
NM_001036646;NM_030816	Body;TSS1500;Body;Body;Bo	S_Shore
NR_024041;NM_152618	TSS1500;5'UTR	S_Shore
NM_172209;NM_003190;NM	3'UTR;3'UTR;TSS1500;TSS150	S_Shore
NR_028040;NR_028038;NM	Body;Body;Body;Body	Island
NR_030170	TSS200	
NR_003265	TSS200	Island
NR_026878	Body	N_Shore
NR_028437;NR_028436;NM	TSS200;TSS200;TSS200	N_Shore
NM_000535;NM_006303;NR	Body;TSS1500;Body	Island
NR_026676	Body	S_Shore
		RDMR
		CDMR
		DMR
		RDMR

NR_026923;NR_026925;NR_003264	Body;TSS200;TSS200 TSS1500	Island Island	
NR_033201;NR_033202	TSS1500;TSS1500	N_Shelf	
NM_001046;NR_015360	1stExon;TSS1500	Island	
NR_031646;NM_015678;NR_029461;NM_007161;NM_001143766;NM_001143	Body;Body;TSS200 Body;TSS200;5'UTR;5'UTR;TSS200;TSS200;Body;5'UTR 5'UTR;5'UTR;5'UTR;5'UTR;5'UTR	N_Shore N_Shore	RDMR
NR_031612;NR_003367	TSS1500;Body		
NR_003667;NM_139235;NR_024555;NR_024554	Body;TSS1500;TSS1500 TSS1500;TSS1500	Island	
NR_003042;NM_004582	TSS1500;TSS200		
NR_024488	Body	Island	
NM_015509;NR_024260	TSS1500;TSS1500	N_Shore	
NR_033203;NR_033204;NR_003013;NR_027058	Body;Body;Body;Body;TSS200 TSS1500;TSS200	Island Island	
NR_030170	TSS200		
NR_026550;NM_018442;NM_002136;NR_002944;NM_029969;NR_030160;NR_004053	TSS1500;TSS1500;5'UTR;TSS1500 Body;Body;Body TSS1500;TSS1500;TSS200	Island S_Shore	RDMR
NR_026676	Body	N_Shore	CDMR
NR_003127;NR_024055;NR_028514;NM_130766;NM_020752;NR_027333	Body;Body;Body;Body Body;TSS1500;TSS1500;TSS1500 Body;TSS200	Island S_Shore Island	DMR
NR_002776;NM_001145436;NR_027308;NM_005919;NR_026814	Body;TSS1500;TSS1500;TSS1500 Body;5'UTR;5'UTR;Body Body	Island N_Shore	
NR_002328;NM_003846	TSS200;TSS200	Island	
NR_002834	Body	Island	
NR_026669;NM_014841	TSS200;TSS200	Island	
NM_032359;NR_031662	Body;Body	Island	
NM_001136473;NM_004862	5'UTR;TSS200;5'UTR;Body	Island	
NM_005340;NR_024611;NR_001164821;NM_024770	Body;Body;Body Body;1stExon;5'UTR;Body;Body	Island S_Shore	
NR_027463;NM_133491;NR_024368	Body;TSS200;TSS200 TSS1500	Island	
NR_027026;NR_027028;NR_028044;NR_003512;NM_023382	Body;Body;Body Body;Body;5'UTR;TSS1500;Body TSS1500	Island N_Shore N_Shore	
NM_178156;NM_004480;NR_027399;NR_027398;NM_002971;NM_080686	5'UTR;1stExon;5'UTR;5'UTR;1stExon TSS1500;TSS1500;TSS1500 TSS1500;Body	Island S_Shore S_Shore	
NR_026814	Body		
NR_003369	Body	Island	

NR_024114;NM_175888	Body;5'UTR	S_Shore	
NR_027910;NM_001740;NM	TSS1500;TSS1500;TSS1500	N_Shore	
NM_001018108;NR_031695	Body;Body	S_Shore	
NM_001099737;NM_032332	5'UTR;5'UTR;TSS200;Body;1st	Island	
NR_027910;NM_007088;NM	Body;3'UTR;Body		
NM_001042540;NR_024388;	Body;TSS1500;Body	Island	
NM_012459;NM_003002;NR	Body;TSS1500;Body	N_Shore	
NR_026570;NM_014268;NM	TSS1500;TSS1500;5'UTR;Body	N_Shore	
NR_000008;NR_002560;NR	(TSS1500;TSS1500;Body;Body	N_Shelf	
NR_024399;NM_002461;NR	Body;TSS1500;Body	Island	
NR_024431;NR_024429;NR	(TSS1500;TSS1500;TSS1500;TSS	Island	
NM_001033002;NR_027684;	Body;Body;Body;Body;Body;Body	S_Shore	
NR_027487;NR_026899	Body;Body	Island	
NM_153450;NM_001144012	TSS200;TSS1500;TSS1500;TSS	Island	
NR_024547;NM_003876	TSS1500;TSS1500	S_Shore	
NM_017589;NR_029840;NR	TSS200;TSS1500;TSS1500	N_Shore	
NM_001141970;NR_024517;	TSS1500;TSS1500;TSS1500;TSS	S_Shore	
NR_030396;NM_016091	TSS1500;TSS1500	N_Shore	
NR_024588;NM_014741;NM	Body;1stExon;5'UTR;TSS1500	Island	
NM_206594;NM_206595;NM	Body;Body;Body;Body;Body	N_Shore	
NM_001024380;NM_031940	TSS200;TSS200;TSS1500;TSS1	Island	
NR_026728;NM_001145025;	TSS1500;TSS1500;TSS1500	S_Shore	
NR_028024;NM_001039618;	TSS200;TSS200;TSS200;TSS20	Island	
NR_026719	Body	N_Shore	
NR_027692;NM_002636;NM	TSS1500;TSS1500;TSS1500	Island	
NR_003948	Body		
NM_001001937;NR_026978;	5'UTR;TSS1500;TSS1500	N_Shore	RDMR
NM_001143682;NR_026554;	TSS1500;TSS1500;TSS1500		
NR_031660;NR_003695;NR	(Body;Body;Body;Body;TSS1500	S_Shore	RDMR
NM_014596;NM_170783;NR	TSS1500;TSS1500;Body	N_Shore	
NM_030573;NM_001008695	Body;Body;TSS1500;TSS1500	N_Shore	
NM_032271;NR_002736	TSS200;TSS1500	Island	
NM_006365;NR_029691	5'UTR;TSS1500	Island	
NR_021490;NR_021491	Body;Body	Island	
NM_001099737;NM_001099	1stExon;5'UTR;TSS200;Body	S_Shore	
NR_027654;NM_005585	Body;1stExon	Island	
NR_000034	Body	Island	
NR_015433	Body	Island	
NM_001141970;NR_024517;	TSS1500;TSS1500;TSS1500;TSS	S_Shore	
NM_001145308;NM_001145	TSS200;TSS200;5'UTR;TSS1500	N_Shore	RDMR
NR_003191	TSS1500	Island	
NM_021253;NR_024052;NR	TSS1500;Body;Body;TSS1500	N_Shore	
NR_002935;NM_170606	TSS200;TSS1500		
NM_001164246;NM_017847	TSS1500;TSS1500;Body;TSS1500	N_Shore	

NR_024581;NM_024701	Body;Body	Island	
NM_001039618;NM_001039	1stExon;5'UTR;Body;Body;Bo	Island	
NR_002612	Body	Island	
NM_001686;NR_002737	TSS200;TSS1500	S_Shore	
NM_006392;NR_003078;NR_	Body;TSS200;Body;TSS1500	S_Shore	
NR_028074;NM_014828;NM_	TSS200;TSS200;TSS1500;TSS2	Island	
NR_024383;NR_015436;NR_ (Body;Body;TSS1500	N_Shore	
NR_024254	TSS1500	Island	
NR_015454;NM_002359	TSS200;TSS200	Island	
NM_032359;NM_182909;NR_	Body;5'UTR;Body;5'UTR		
NM_080425;NM_001077490	TSS1500;TSS1500;3'UTR;TSS1	Island	CDMR
NM_037370;NM_012142;NR_	TSS200;Body;Body;Body	S_Shore	
NM_001880;NR_030630	TSS1500;TSS1500	Island	
NM_001141970;NR_024517;	TSS1500;TSS1500;TSS1500;TSS	S_Shore	
NM_001024381;NM_001024	1stExon;5'UTR;TSS1500;1stEx	Island	
NR_024053;NM_172016;NM_	TSS1500;5'UTR;5'UTR;TSS150	S_Shore	
NM_018691;NM_001135037	5'UTR;TSS1500;TSS1500;TSS1	Island	
NM_031443;NM_001167935	TSS1500;TSS1500;TSS1500;TSS	N_Shore	
NM_032825;NR_027239;NM_	5'UTR;TSS1500;TSS1500;TSS1	S_Shore	
NM_003426;NR_003253	TSS200;TSS200	Island	
NM_005916;NM_182776;NR_	Body;Body;TSS200;Body		
NM_001011537;NR_027840;	5'UTR;TSS1500;1stExon;TSS1	Island	
NM_001144072;NR_026644;	5'UTR;TSS200;TSS200;1stExo	Island	
NM_001167869;NM_001167	5'UTR;TSS1500;5'UTR;Body;5	Island	
NR_015448	Body		CDMR
NR_023938	Body		
NR_027253;NM_006317	Body;TSS1500	N_Shore	
NM_020120;NR_027671	TSS1500;TSS1500	N_Shore	
NM_133378;NM_133432;NM_	Body;Body;Body;Body;Body		
NR_023349;NM_052965;NM_	TSS1500;TSS1500;TSS1500	N_Shore	
NM_006913;NM_032741;NR_	1stExon;TSS1500;Body;5'UTR		
NR_004380;NR_002995	Body;TSS1500	Island	
NR_028044;NR_003512;NM_	Body;Body;5'UTR;Body	S_Shore	
NM_004640;NR_003065;NM_	5'UTR;TSS1500;5'UTR	N_Shore	
NR_002165	TSS200		
NM_001143768;NM_182755	5'UTR;5'UTR;1stExon;1stExon	Island	
NR_027766;NR_002949	TSS1500;TSS1500	N_Shore	
NM_001166284;NR_029402;	TSS1500;TSS1500;TSS1500;TSS	Island	
NR_033233;NM_001075098	TSS200;TSS200	Island	
NM_006913;NR_003129	Body;Body		
NR_027045;NM_005026	Body;5'UTR	Island	
NR_024610;NM_005340;NR_	TSS200;TSS200;TSS200	S_Shore	
NR_024596;NR_024597;NM_	TSS1500;Body;1stExon;Body;5'UTR		
NM_020196;NM_001171155	TSS1500;1stExon;5'UTR;Body	S_Shore	

NR_027850;NM_006554;NM	Body;1stExon;5'UTR	Island	
NR_028335	Body		
NM_178040;NR_027948;NR_	5'UTR;Body;Body;5'UTR;Body	S_Shore	
NR_027300	Body	Island	
NR_003671;NM_007175	Body;Body		
NM_001032293;NR_030362;	TSS1500;TSS200;TSS1500;TSS	N_Shore	
NR_004380;NR_002995	TSS1500;TSS1500	Island	
NM_001046;NR_015360	TSS1500;TSS200	Island	
NM_012383;NR_023352;NM	Body;TSS1500;TSS1500;TSS15	S_Shore	
NR_023383	Body	N_Shore	
NR_029610	TSS1500		
NR_023344	TSS1500	S_Shore	
NR_027433	Body	N_Shore	
NM_015327;NR_026678;NM	TSS1500;Body;TSS1500		
NM_001037663;NM_001959	Body;Body;TSS1500;TSS1500	S_Shore	
NR_015375;NM_001018056;	TSS1500;Body;Body	Island	
NM_006026;NR_026991	TSS1500;Body	Island	
NR_001591	Body	Island	
NM_001042540;NR_024388;	Body;TSS1500;Body	Island	
NR_023386	Body	N_Shore	
NR_003038;NR_003044;NR_	(Body;TSS1500;TSS1500	Island	
NR_003531;NR_003530;NR_	(Body;Body;Body		
NM_001162861;NM_001162	TSS1500;TSS1500;TSS1500;T	Island	
NR_015433	TSS1500	N_Shore	
NR_028032	Body	Island	
NR_002785	Body	N_Shelf	
NM_001099626;NM_001099	1stExon;5'UTR;5'UTR;5'UTR;B	S_Shore	
NM_001135179;NM_001135	TSS1500;TSS1500;Body;TSS15	Island	
NR_003551	TSS1500	N_Shore	
NR_027005	Body	Island	
NR_015433	TSS200	Island	
NR_015404;NM_003668;NM	Body;TSS200;TSS200	Island	
NM_001145308;NM_001145	5'UTR;1stExon;5'UTR;Body;1s	Island	
NM_001011537;NM_001145	TSS200;1stExon;5'UTR;TSS15	Island	RDMR
NR_024233;NM_199437;NM	TSS1500;5'UTR;5'UTR	Island	
NR_027053	TSS1500		
NR_028323;NM_080592;NM	TSS1500;Body;TSS1500;5'UTR	S_Shore	
NR_023319;NR_023318;NM	Body;Body;Body	Island	
NR_026712;NM_012423	TSS1500;TSS1500	N_Shore	
NR_033258;NM_014795;NM	Body;5'UTR;1stExon;1stExon;	N_Shelf	DMR
NM_198149;NR_030775;NM	5'UTR;Body;1stExon		
NR_030725;NR_002909;NR_	(Body;Body;Body;5'UTR		
NM_000520;NR_027262	TSS1500;Body	S_Shore	
NR_026883;NR_026885;NR_	(Body;Body;TSS200		

NR_024012;NM_001129884;	TSS1500;TSS1500;TSS1500	N_Shore	
NR_003109;NM_017846	TSS200;TSS200	Island	
NR_026876	Body	Island	
NR_003923	Body		
NR_026873	Body	S_Shore	
NM_004028;NM_001650;NR	TSS1500;Body;TSS1500	S_Shore	
NR_003667;NM_016410;NM	Body;TSS200;TSS200	Island	
NR_003111	TSS200		
NR_024430;NR_029671	Body;Body		
NM_004197;NM_032454;NM	Body;Body;TSS1500;Body	Island	
NR_003512;NM_001127598;	Body;Body;Body;Body	S_Shore	
NR_024377	TSS1500		
NM_001165030;NR_028491;	TSS1500;TSS1500;TSS1500	S_Shore	
NM_001144766;NM_001001	TSS200;TSS1500;Body;Body	Island	
NR_023349;NM_052965;NM	TSS200;TSS200;TSS200	N_Shore	
NR_027299;NM_001145769;	TSS1500;TSS1500;TSS1500;B	Island	
NR_024233;NM_020228;NM	Body;TSS200;TSS200	Island	
NR_026940;NM_014904;NR	Body;TSS1500;Body;Body	Island	
NR_002323	Body	S_Shore	
NM_182935;NR_003090	5'UTR;Body	N_Shelf	
NM_003391;NR_024047	Body;Body	N_Shore	CDMR
NR_024600;NM_138929;NM	Body;5'UTR;5'UTR;Body	Island	
NM_001048224;NM_001048	5'UTR;5'UTR;TSS1500;TSS150	Island	
NM_001144766;NR_029431;	TSS1500;TSS200;TSS200;5'UT	S_Shore	
NM_001146016;NM_001146	TSS1500;TSS1500;TSS1500;TSS1500;TSS1500;TSS1500		
NR_003955	Body	Island	
NM_001146310;NR_024445;	Body;Body;3'UTR	Island	
NR_027910;NM_007088;NM	Body;1stExon;1stExon	Island	
NM_020476;NM_020478;NM	Body;Body;Body;Body;Body;Body;Body;Body;TSS1500;Body		
NR_029192;NR_024148;NR_	(TSS200;TSS1500;TSS1500;TSS1500		
NM_152618;NR_024041	TSS1500;Body	N_Shore	
NR_024260;NM_015509	TSS200;TSS200	Island	
NR_027093;NR_027092;NR_	(TSS1500;TSS200;TSS200	Island	DMR
NM_001656;NM_024941;NM	TSS200;TSS1500;TSS200;TSS2	Island	
NM_017670;NR_003089	Body;Body	Island	
NR_003615	Body	S_Shore	
NR_024542;NR_024543;NR_	(TSS1500;TSS1500;TSS1500	Island	
NR_024427;NM_001137605	TSS200;TSS200		
NM_003027;NR_026799	TSS1500;TSS1500	N_Shore	CDMR
NM_012399;NR_026963;NR	Body;TSS1500;TSS1500	Island	
NM_003466;NM_013951;NM	Body;Body;Body;Body;Body;B	Island	
NM_001100619;NR_023359	1stExon;Body	Island	
NM_018177;NR_027277	TSS1500;Body	N_Shore	
NR_028496	TSS200		

NR_024032	TSS1500		
NR_027054	TSS200	Island	DMR
NR_024412;NR_015442	TSS200;TSS200		
NM_001037663;NM_001959	Body;Body;TSS1500;TSS1500	S_Shore	
NR_030724;NM_001167604;	TSS200;TSS200;TSS200	Island	
NR_003954;NM_024694	TSS200;Body		
NM_001161563;NM_001161	Body;Body;Body;Body;Body;E	N_Shore	RDMR
NR_031571	TSS200		
NR_027668;NM_001160225;	Body;Body;Body;Body;Body;Body		
NM_001134888;NR_029965;	1stExon;TSS200;TSS1500	N_Shore	
NR_028044;NR_003512;NM_	Body;Body;5'UTR;TSS1500;Bc	S_Shore	
NR_003094;NR_003092;NR_	(TSS1500;TSS1500;TSS1500;T	S_Shore	
NR_031592;NM_007065	TSS200;TSS200	Island	
NR_026728;NM_018217;NM_	TSS200;TSS200;TSS200	Island	
NR_003684;NM_198216;NM_	TSS1500;Body;Body		
NR_024056;NR_024057;NR_	(TSS1500;TSS1500;TSS200;TSS	N_Shore	
NR_002578;NR_003942;NR_	(Body;TSS1500;TSS1500;TSS1	N_Shore	
NR_027308;NM_005919;NM_	Body;5'UTR;TSS1500;Body	Island	
NR_027473;NM_012308	Body;Body		
NM_001145354;NR_015431	TSS200;TSS1500	Island	
NR_002971;NM_080686	TSS1500;Body	S_Shore	
NR_024045	TSS1500	Island	
NM_001003809;NR_024101;	Body;Body;Body		
NM_198055;NM_003422;NM_	5'UTR;1stExon;1stExon;5'UTR	Island	
NR_002329;NR_002330;NM_	TSS1500;Body;1stExon;1stExc	N_Shore	
NR_024170;NM_021970	TSS200;TSS200		
NR_026703	TSS200		
NM_024721;NR_024360	5'UTR;Body	S_Shore	CDMR
NR_026906;NR_026905	Body;Body		
NR_027663	TSS200	Island	
NR_024280	TSS1500		
NR_015397	TSS1500		
NR_026878	Body	N_Shore	RDMR
NR_027645;NR_024126;NR_	(TSS1500;TSS1500;TSS1500;T	S_Shore	
NR_002829	TSS1500	N_Shore	RDMR
NR_027105;NR_027106	Body;TSS1500		
NM_001039355;NR_029906;	1stExon;TSS1500;5'UTR	Island	
NR_029380;NM_006562	Body;TSS1500	Island	DMR
NR_029409;NM_019009	Body;TSS1500	S_Shore	
NR_024453	Body	S_Shore	RDMR
NR_002563;NM_001012664;	TSS1500;TSS200;TSS200;TSS1	N_Shore	
NM_015113;NR_023347;NM_	TSS1500;Body;Body;Body	Island	
NR_016021;NM_032811	TSS1500;TSS1500	N_Shore	
NR_003316	TSS1500		

NR_001588;NR_024111;NR_	(TSS200;TSS200;TSS200;TSS15	Island	
NR_033258;NM_014795;NM_	Body;5'UTR;5'UTR	Island	DMR
NR_024423;NR_024424	Body;TSS1500	Island	
NM_001130136;NR_027073;	5'UTR;TSS1500;TSS200;TSS20	Island	
NR_027473;NM_012308	Body;Body		
NR_030174	TSS1500		
NR_002809	Body	S_Shore	
NR_030369;NM_138501	TSS1500;TSS1500	Island	
NR_015439;NM_018227	Body;TSS200	Island	
NM_001141969;NR_024517;	5'UTR;Body;Body;5'UTR	N_Shore	
NR_028323;NM_080592;NM_	TSS1500;Body;TSS1500;5'UTR	Island	
NM_002106;NR_002799	TSS1500;Body	S_Shore	
NR_024195;NM_001135732;	TSS1500;TSS1500;TSS1500;TSS	N_Shore	
NR_000015;NR_000024;NM_	TSS200;TSS1500;Body	Island	
NR_015427	Body	Island	
NM_001042383;NM_015391	TSS200;5'UTR;Body;TSS1500;	Island	
NR_028024;NM_001039618;	TSS200;TSS200;TSS200;TSS20	Island	
NM_014596;NM_170783;NR_	TSS1500;TSS1500;Body	N_Shore	
NM_138764;NM_004324;NM_	TSS1500;TSS1500;TSS1500;TSS	N_Shore	
NR_014937;NR_003252	Body;TSS1500	Island	
NM_019605;NR_024337	5'UTR;Body	Island	
NM_001129884;NR_024012;	TSS200;TSS200;TSS200	Island	
NR_003594;NM_172239	Body;1stExon	Island	
NR_026583	Body		
NM_016649;NM_024120;NM_	TSS200;TSS200;TSS200;TSS20	Island	
NR_027119;NR_027118;NM_	TSS200;TSS200;Body		
NR_003525	TSS1500	Island	
NM_005510;NM_004197;NM_	5'UTR;Body;Body;1stExon;Bo	Island	
NM_001018056;NM_003383	1stExon;5'UTR;1stExon;5'UTR	Island	
NR_003142;NM_002952;NR_	Body;TSS1500;TSS200	Island	
NR_024367	TSS1500		
NR_024184;NR_024182;NR_	(TSS1500;TSS1500;TSS1500		
NR_027126;NM_138777;NR_	Body;TSS200;Body;5'UTR;TSS	Island	
NR_027042	Body		
NM_001042540;NR_024388;	Body;TSS1500;Body	N_Shore	
NR_026940;NM_014904;NR_	Body;TSS1500;Body;Body	S_Shore	
NR_026732;NR_026731	Body;Body	S_Shore	
NM_001142273;NM_015282	Body;Body;Body;TSS1500	Island	
NR_015380;NM_130786	TSS1500;Body	Island	
NR_002950;NM_017822	Body;Body		
NM_003027;NR_026799	TSS1500;TSS1500	N_Shore	CDMR
NR_027269	TSS1500	S_Shore	
NM_001141970;NR_024517;	TSS1500;TSS1500;TSS1500;TSS	S_Shore	
NR_026550;NM_001143674;	TSS1500;5'UTR;TSS200;TSS15	Island	

NR_027293	TSS1500		
NR_029383;NM_175854;NM_026815	Body;TSS1500;TSS1500	N_Shore	
NR_027006;NR_002829	Body	Island	
NR_030627;NM_014687;NM_004640;NR_003065;NM_207354;NR_030767	TSS1500;TSS1500	N_Shore	RDMR
NR_028044;NR_003512;NM_001033088;NR_028052	TSS1500;Body;Body		
NR_030299	5'UTR;TSS1500;5'UTR	N_Shore	
NR_027663	Body;Body	Island	
NM_022771;NM_001146213	Body;Body;5'UTR;Body	S_Shore	RDMR
NM_015913;NM_001136497	TSS200;TSS1500;TSS1500;TSS1500	N_Shore	
NR_026871;NM_001145210	TSS1500;TSS1500	S_Shore	
NR_001289;NR_001295	TSS1500;TSS1500		
NM_001142464;NR_024551;	5'UTR;TSS200;5'UTR;5'UTR	Island	
NM_178040;NR_027949;NR_013349;NR_026598	TSS1500;TSS1500;TSS1500;TSS1500	N_Shore	RDMR
NR_024252	Body;Body	Island	
NM_001163484;NM_025230	5'UTR;5'UTR;TSS200;Body;TS	S_Shore	
NR_003679	Body	N_Shore	RDMR
NM_001127213;NR_026913;	5'UTR;TSS1500;5'UTR	Island	DMR
NR_024409;NM_003262;NR_024194;NR_024195;NM_028050;NR_028051;NR_024416;NR_015401;NR_024279	Body;TSS1500;Body	N_Shore	
NR_024194;NR_024195;NM_028050;NR_028051;NR_024416;NR_015401;NR_024279	Body;Body;Body;Body;Body;Body;Body	Island	
NR_028050;NR_028051;NR_024416;NR_015401;NR_024279	Body;Body;Body;Body	Island	
NR_024416;NR_015401;NR_024279	TSS200;Body;Body	Island	
NR_024279	Body	Island	
NM_001145025;NM_018217	Body;Body;Body	N_Shore	
NR_027771	Body	Island	
NR_027333;NM_020752	Body;TSS200	Island	
NR_027335;NR_027336	TSS1500;TSS1500		
NR_002729	Body	S_Shelf	
NR_024271	TSS200	Island	
NM_001145268;NM_001145	TSS200;TSS200;TSS200	N_Shore	
NM_003391;NR_024047	TSS1500;TSS1500	Island	DMR
NM_001144766;NR_029431;	TSS1500;TSS1500;TSS1500;5'	N_Shore	
NM_006151;NR_027647;NM_030631;NM_001171170	Body;Body;Body	Island	
NM_002136;NR_002944;NM_021485	Body;Body;Body	Island	DMR
NR_021485	TSS1500;TSS1500;TSS1500;TSS1500	Island	
NR_024418	Body	Island	
NM_001164821;NM_024770	TSS1500;5'UTR;TSS1500;TSS1500	N_Shore	
NM_006026;NR_026991	TSS200;Body	Island	
NR_027504	Body	Island	

NR_002956;NM_014765	TSS1500;TSS200	Island	
NR_027148	TSS200		
NM_000990;NR_002977	Body;TSS1500	S_Shore	
NR_027105;NR_027106	Body;TSS1500		
NR_027410	Body	Island	DMR
NM_003295;NR_024458	TSS200;TSS200	Island	
NR_024255;NM_002051;NM	TSS1500;TSS1500;TSS1500;TSS1500	Island	DMR
NR_026862	TSS1500	S_Shore	
NR_027692;NM_002636;NM	Body;Body;Body	N_Shelf	
NR_024042	Body		
NR_030306;NM_001007527	TSS1500;5'UTR	N_Shore	
NR_024546;NM_004786	Body;Body	Island	
NM_024678;NR_027479	TSS1500;TSS1500	S_Shore	
NR_023349;NM_052965;NM	TSS200;TSS200;TSS200	N_Shore	
NR_030170	TSS200		
NR_003948	Body		
NM_171829;NM_001163677	TSS1500;Body;TSS1500;Body	N_Shore	
NM_017670;NR_003089	Body;Body	S_Shore	
NR_027433;NM_001003845	Body;TSS1500	Island	
NR_030724;NM_020383;NM	Body;Body;Body	Island	
NM_000995;NM_033625;NR	5'UTR;5'UTR;TSS1500		
NR_026956	TSS200		
NM_001142587;NM_001142	TSS1500;TSS1500;TSS1500;TSS1500	N_Shore	
NR_003941;NR_003944;NM	TSS1500;TSS1500;TSS1500;TSS1500	N_Shore	
NR_015352	TSS200	Island	
NR_026717;NM_005510	TSS1500;Body	N_Shore	
NR_024399;NR_024402	Body;Body		
NR_030331;NR_026677	Body;Body		
NR_027113;NR_027114	Body;Body		
NR_024370;NR_015396;NM	TSS1500;TSS1500;1stExon;5'UTR	Island	
NM_206836;NM_006117;NR	Body;5'UTR;Body;5'UTR	Island	
NM_032810;NR_028492	TSS1500;Body	Island	
NR_024148;NR_029192;NR	(TSS1500;Body;TSS1500;TSS1500		
NM_001137675;NR_024612	5'UTR;Body	Island	
NR_003261	TSS1500		
NM_004071;NR_027855;NM	5'UTR;Body;Body;Body	N_Shore	RDMR
NM_001170803;NM_199188	TSS1500;TSS1500;TSS1500;TSS1500	N_Shore	
NR_015357	Body	Island	
NR_024383;NR_015436;NR	(Body;Body;Body	N_Shore	
NR_021490;NR_021491	Body;Body	Island	
NR_030717;NM_003083	TSS1500;TSS1500	N_Shore	
NR_003249;NM_031372	Body;Body	N_Shore	
NR_024172;NR_024173	TSS1500;TSS1500		
NR_026799;NM_003027;NM	Body;1stExon;5'UTR	Island	DMR

NR_031694	TSS1500	N_Shore	
NM_152872;NR_028034;NM_026825;NR_026989	Body;Body;Body;Body;TSS1500	S_Shore	
NR_026825;NR_026989	Body;Body;Body	Island	
NR_026977;NR_027301	TSS1500;TSS200;TSS200	Island	
NM_002264;NR_026698	TSS1500;TSS1500	S_Shore	
NM_032772;NR_026977;NR_027038;NR_026744	1stExon;5'UTR;TSS200	Island	
NR_026977;NR_027038;NR_026744	Body;5'UTR;5'UTR	S_Shore	
NM_003466;NR_027038;NR_026744	Body;Body;Body;Body;Body;5'UTR	N_Shore	
NR_027038;NR_026744	Body;5'UTR;Body;5'UTR	Island	
NR_026878	TSS200		
NR_026878	Body	Island	
NR_026971	TSS1500	Island	
NM_002904;NR_003290	Body;TSS1500;TSS1500	N_Shore	
NM_006515;NR_024022	Body;Body	S_Shore	
NR_003290	Body	N_Shore	
NM_138638;NR_028131;NR_026855;NR_002819	TSS1500;TSS1500;TSS1500;TSS1500	S_Shore	
NR_026855;NR_002819	Body;Body	S_Shore	
NR_002819	Body	S_Shelf	
NR_002563;NR_002564;NR_023389;NR_003716	TSS1500;TSS200;TSS1500;TSS1500	N_Shore	
NR_023389;NR_003716	Body;TSS1500;Body	Island	
NR_002139	Body	S_Shore	
NR_002139	Body	Island	
NR_028339;NR_028340	TSS200;TSS200	S_Shore	
NR_026753;NR_028134	Body;1stExon	Island	
NR_028134	Body		
NR_002801	TSS200		
NM_014596;NR_000024;NR_026681	TSS1500;TSS1500;Body	N_Shore	
NR_000024;NR_026681	TSS200;Body;TSS1500	S_Shore	
NR_026681	TSS200		
NR_024435;NR_024434;NR_033184;NR_002441;NR_002781	Body;Body;TSS1500	Island	
NR_033184;NR_002441;NR_002781	TSS1500;TSS1500	N_Shore	
NR_002441;NR_002781	TSS200;Body;TSS1500;TSS1500		
NR_002781	TSS1500	S_Shore	
NR_029373;NR_029374	TSS1500;Body	N_Shore	RDMR
NR_003256;NR_027476;NR_027118;NR_182931;NR_031688	Body;Body	Island	
NR_027476;NR_027118;NR_182931;NR_031688	TSS200;TSS200;TSS1500;TSS200	N_Shore	
NM_138615;NR_027118;NR_182931;NR_031688	Body;Body;TSS1500	N_Shore	
NR_027118;NR_182931;NR_031688	Body;Body;TSS1500	N_Shore	
NM_182931;NR_031688	5'UTR;TSS1500;5'UTR	S_Shore	
NR_031688	TSS1500		
NM_000967;NR_001146310;NR_024445	Body;Body;Body	N_Shore	
NR_001146310;NR_024445	Body;Body	N_Shore	

NR_024534;NM_032331;NM	TSS1500;TSS200;TSS1500;TSS	Island	
NR_026823	Body		
NR_002894	TSS200	Island	
NR_024014;NM_002081	Body;Body	N_Shelf	
NM_002136;NR_002944;NM	TSS1500;TSS1500;TSS1500;TSS	Island	
NR_026756	TSS1500		
NR_015436	Body	Island	DMR
NR_026680;NR_027295	Body;Body	S_Shelf	
NR_002447;NM_181491;NM	TSS1500;TSS200;Body;TSS200	Island	
NR_003605;NR_003606;NR_	Body;Body;TSS200;TSS1500;TSS	S_Shore	RDMR
NR_027240	TSS1500		
NM_001880;NM_001880;NR_	1stExon;5'UTR;TSS1500	Island	
NR_024254	TSS1500	Island	
NR_024255;NM_002051;NM	TSS1500;TSS1500;TSS1500;TSS	Island	DMR
NR_002561;NR_000008;NR_	TSS200;TSS1500;TSS1500;Body	N_Shore	
NM_002103;NM_001161587	TSS1500;TSS1500;TSS1500;TSS	S_Shore	
NM_001167738;NR_031599;	Body;TSS200;Body		
NR_027293	TSS1500		
NR_003605;NR_003606;NR_	Body;Body;TSS200;Body	S_Shelf	RDMR
NR_003365	Body	N_Shore	
NM_001165030;NR_028491;	TSS1500;TSS1500;TSS1500	S_Shore	
NR_002729	Body	Island	
NM_001005909;NM_016291	Body;Body;3'UTR;Body;Body;3'UTR;3'UTR;3'UTR		
NM_017996;NR_026645;NM	TSS200;TSS200;TSS200		
NR_026567	Body	Island	DMR
NR_030345	TSS1500		
NR_003038;NR_003044;NR_	Body;Body;TSS1500	N_Shore	
NR_024355	TSS200		
NR_021490;NR_021491	Body;Body	Island	
NM_020120;NR_027671	Body;Body	Island	
NR_027154;NR_027460	TSS200;Body	Island	
NR_002894	Body	Island	
NM_001025202;NR_027777;	TSS1500;Body;Body;Body	Island	
NM_006098;NR_002591	TSS200;TSS1500	Island	
NR_024451;NM_030647	Body;TSS1500	Island	
NR_027390;NM_001018090;	Body;Body;Body;Body;Body	Island	
NR_003684;NM_198216;NM	TSS200;Body;Body		
NM_018095;NR_024222;NM	TSS1500;TSS1500;Body;TSS1500	S_Shore	
NM_001167869;NR_030765;	Body;Body;Body;Body;Body;Body	N_Shelf	
NR_031666;NM_001135212;	Body;Body;Body	N_Shore	
NR_027412;NR_027413	Body;Body		
NR_027428;NR_027430;NM	TSS200;TSS200;Body;TSS200;	Island	RDMR
NM_032141;NR_029945	TSS200;TSS1500	Island	
NR_024469	TSS1500	N_Shore	

NR_028040;NM_012447;NM	Body;3'UTR;3'UTR;Body;Body		
NR_028374;NM_002539	Body;5'UTR	N_Shore	
NR_003671;NM_007175	TSS200;Body		
NR_030159;NM_001143979;	Body;1stExon;5'UTR;TSS200		
NM_176895;NM_003711;NR	Body;Body;Body	N_Shore	
NR_027333;NM_020752	Body;1stExon	Island	
NR_030724;NM_020383;NM	Body;Body;Body		
NR_028437;NR_028436;NM_	TSS200;TSS200;TSS200	N_Shore	
NR_024219;NR_024217;NR_	(TSS1500;TSS1500;TSS1500		
NR_002612	TSS1500	Island	RDMR
NR_024584	Body	Island	
NM_007074;NR_002454	Body;TSS1500	S_Shelf	CDMR
NM_001085365;NR_026922	TSS1500;TSS200	Island	
NR_001434	Body	Island	
NM_003029;NM_001130041	5'UTR;5'UTR;TSS1500;TSS150	Island	
NR_030174	TSS200		
NR_027073;NM_020851;NM	Body;TSS1500;TSS200;TSS150	(Island	
NR_027404;NM_001036645;	TSS1500;TSS1500;TSS1500;TSS1500	(Island	
NM_139235;NR_003667;NM	TSS200;Body;TSS200		
NR_002824	Body		
NM_147195;NM_147195;NR	1stExon;5'UTR;TSS1500	Island	DMR
NR_026815	Body	Island	
NR_003948	Body		
NR_001435	Body		
NR_031602;NM_001006944;	TSS1500;Body;Body	N_Shore	
NM_133474;NR_002451	5'UTR;Body	N_Shore	
NR_001283;NM_001008496	TSS200;5'UTR	S_Shore	
NM_001173;NM_001030055	1stExon;5'UTR;1stExon;TSS1500	Island	
NM_001018038;NM_001018	TSS1500;TSS1500;Body;TSS1500	(N_Shore	
NM_032741;NM_006913;NR	TSS1500;Body;Body		
NM_005632;NR_024121	TSS1500;Body	Island	
NR_024467;NM_182765;NM	Body;Body;Body	Island	
NM_001362;NR_031649	TSS1500;TSS200	Island	
NR_028272	TSS200	Island	
NR_026697;NM_001070;NM	TSS200;5'UTR;TSS200;1stExon	Island	
NR_031597;NM_002332	TSS1500;Body		
NM_001146310;NR_024445;	Body;Body;Body	Island	
NR_002972;NR_003239	TSS1500;Body	Island	
NR_001434	Body	Island	
NR_024080;NM_004300;NM	TSS1500;TSS1500;Body;TSS1500	(Island	
NR_028596;NM_001957;NM	Body;1stExon;5'UTR;1stExon;	Island	DMR
NR_027073;NM_020851;NM	Body;TSS1500;TSS200;TSS1500	(Island	
NR_026906;NR_026905;NR_	(TSS1500;TSS1500;Body;Body		
NM_025125;NR_027430;NR_	TSS1500;Body;Body;Body;Body	(N_Shore	

NR_031714	TSS1500		
NR_024254	TSS1500	Island	
NM_178580;NM_030789;NM	Body;Body;Body;TSS1500	N_Shore	
NR_024127;NR_003077;NR_	Body;TSS1500;Body	N_Shore	
NR_024260;NM_015509	Body;Body	S_Shore	
NM_037370;NM_012142;NR	TSS200;Body;Body;Body	S_Shore	
NM_014911;NR_003705	Body;TSS1500		
NR_026669;NM_014841	TSS200;TSS200	Island	
NR_031681	TSS1500		
NR_003063;NM_006000	Body;Body	Island	
NR_024079	TSS1500	Island	
NR_024399;NM_178310	Body;Body	Island	
NR_002799;NM_002106	TSS1500;Body	Island	
NR_031716;NM_021241	TSS1500;5'UTR		CDMR
NR_024041;NM_152618	TSS200;TSS200	Island	
NR_002185	TSS1500		
NR_002710	Body	Island	
NR_027005	TSS1500	S_Shore	
NR_026961	TSS200		
NM_001141970;NR_024517;	TSS1500;TSS1500;TSS1500;TSS	S_Shore	
NR_002801	Body		
NR_027400;NM_000543;NM	TSS1500;TSS1500;TSS1500	N_Shore	
NR_015453;NM_001146069;	TSS1500;TSS200;TSS1500	Island	
NM_014182;NR_026723;NR_	TSS1500;Body;Body;Body	Island	
NR_026580;NM_007111	Body;Body	N_Shore	
NR_024534;NM_032331;NM	TSS1500;TSS200;TSS1500;TSS	Island	
NR_024465;NM_006110	TSS1500;TSS1500	S_Shore	
NM_152410;NM_001080378	Body;Body;Body;Body		
NM_001143971;NM_001143	5'UTR;5'UTR;Body;Body		
NR_031766;NM_017899;NM	Body;Body;Body	S_Shore	
NR_030155;NR_030594;NR_	TSS1500;TSS1500;TSS1500;TSS	N_Shore	
NR_003042;NR_002749;NM_	TSS1500;TSS1500;Body		
NR_015370;NR_002922	Body;TSS1500	Island	
NR_003671;NM_007175	Body;Body		
NM_206953;NR_027426;NM	TSS200;Body;TSS200;TSS1500	S_Shore	
NR_002767;NM_018064	TSS1500;TSS1500	S_Shore	
NR_027421	Body		
NR_027387	TSS200	Island	
NR_023313;NR_027271;NM_	Body;TSS200;5'UTR;Body	S_Shore	
NR_027822	Body	Island	
NM_033542;NR_003189	TSS200;TSS200	Island	
NR_002798	Body	Island	
NR_027449;NM_001146214;	TSS1500;TSS1500;TSS1500;TSS	N_Shore	
NR_003569	Body	S_Shore	

NM_001142301;NM_153704	TSS200;TSS200;TSS200	N_Shore	
NR_024396	TSS200		
NR_015404;NM_003668;NM_001961;NR_002602	TSS1500;Body;Body Body;TSS1500	S_Shore Island	
NM_152872;NR_028034;NM_026777	Body;Body;Body;Body;TSS1500 Body	S_Shore N_Shore	
NR_028044;NR_003512;NM_001013615;NR_024332	Body;Body;5'UTR;TSS1500;Body TSS200;Body	N_Shore Island	
NR_024024;NM_001607;NM_001686;NR_002737	TSS1500;TSS1500;TSS1500;TSS200;TSS1500	Island S_Shore	
NM_145039;NR_003228;NR_003138;NM_016417;NR_024270	5'UTR;TSS200;TSS200;1stExon;Body Body;TSS200;TSS1500;Body TSS1500	Island Island Island	
NR_003290	Body	S_Shelf	
NR_024580;NM_017995;NM_177925;NM_177925;NR_026580;NM_007111	Body;TSS200;TSS200 5'UTR;1stExon;Body Body;Body	Island Island N_Shore	
NR_031572;NM_001170402;NM_033028;NR_002780	TSS1500;TSS1500;TSS1500;TSS1500;Body	S_Shore N_Shore	
NM_020476;NM_020478;NM_003655	Body;Body;Body;Body;Body;Body;Body;Body;TSS1500;Body TSS200	Island	
NM_000977;NM_033251;NR_001558	5'UTR;1stExon;TSS1500;5'UTR;Body Body	Island	DMR
NR_026590	TSS1500		
NR_027138	TSS1500	N_Shore	
NR_002956;NM_014765	TSS1500;TSS200	Island	
NR_003013;NR_027058	TSS1500;TSS200	Island	
NM_001098533;NR_027703;NR_024383;NR_015436	TSS1500;TSS1500;TSS1500;TSS1500;Body;Body	N_Shore Island	DMR
NM_018442;NM_001143674	TSS1500;5'UTR;TSS200;TSS200	Island	
NR_002315;NM_002107	TSS1500;TSS1500	N_Shore	
NR_003659	Body	S_Shore	
NR_015357	Body	S_Shore	
NM_006392;NR_031699;NR_002799;NM_002106	1stExon;TSS200;Body;5'UTR TSS1500;Body	Island Island	
NR_022012;NM_153264	Body;Body		
NR_003086	TSS200	Island	
NR_030342;NM_004111;NM_002822	TSS200;5'UTR;TSS200;1stExon;Body	Island	
NR_027148	Body	N_Shore	
NR_024158	Body	N_Shore	
NR_003276	Body	N_Shore	
NR_027816;NM_152744	Body;Body	Island	

NR_023350;NM_004766	TSS1500;TSS1500	S_Shore	
NM_001141947;NR_024460;	TSS200;TSS200;TSS200	Island	
NM_013406;NM_001099737	3'UTR;3'UTR;3'UTR;3'UTR;3'UTR;Body		
NM_001166253;NR_029394;	Body;Body;Body;Body;Body;Body		
NR_029970;NR_029685	TSS200;Body		
NR_002187;NM_012470;NM_	TSS200;1stExon;5'UTR	Island	
NR_026972;NR_026973	Body;Body	N_Shelf	
NM_016417;NR_003138;NR_	Body;TSS1500;TSS1500	S_Shore	
NM_001130136;NR_027073;	5'UTR;TSS1500;TSS1500;TSS1	Island	
NR_024467	Body		
NR_029582	TSS1500	Island	
NR_027697;NR_027696	Body;Body	N_Shelf	
NM_175895;NR_029661	TSS1500;TSS200	Island	
NR_027322	TSS1500		
NM_152835;NR_026686;NR_	Body;Body;Body	S_Shore	
NR_002785;NM_016592	TSS200;3'UTR	N_Shore	CDMR
NR_026753;NR_026754;NM_	Body;Body;3'UTR	S_Shelf	
NR_028077;NM_001163391	Body;5'UTR	Island	DMR
NR_003307;NR_003313;NR_	(Body;Body;TSS1500		
NR_026875	Body	N_Shore	
NR_023392;NR_026974	Body;TSS1500	N_Shore	
NR_026830	Body	N_Shore	RDMR
NM_001145294;NR_026937;	TSS1500;Body;5'UTR;5'UTR		RDMR
NR_026999	TSS1500	N_Shore	
NR_015405	Body		
NR_028272	TSS1500	N_Shore	RDMR
NR_002196	Body	N_Shore	
NR_030621	TSS200	Island	
NR_003228;NM_145039;NR_	Body;TSS200;Body;Body	Island	
NR_024356	TSS200	Island	DMR
NM_144610;NR_024395	Body;TSS1500		
NM_001686;NR_003046;NR_	Body;TSS1500;Body	N_Shore	
NR_024374	Body		
NM_004111;NM_014206;NR_	5'UTR;TSS1500;TSS1500	S_Shore	
NM_001167966;NR_030778;	TSS1500;TSS1500;Body;Body	Island	
NR_003714	TSS1500	N_Shore	
NM_021970;NM_021970;NR_	1stExon;5'UTR;Body		
NR_015375	Body	N_Shore	
NR_027257	TSS1500	N_Shore	
NM_001166343;NR_029413;	TSS1500;TSS1500;TSS1500		
NR_000034	TSS1500	S_Shore	
NM_016093;NR_026683;NR_	5'UTR;TSS1500;TSS200	Island	
NR_027337	Body	S_Shore	
NR_026789;NR_024044	Body;Body		

NM_004824;NR_026590;NM	Body;Body;Body;Body		
NR_028044;NM_001042376;	Body;3'UTR;Body;5'UTR;Body	S_Shelf	
NR_003266	Body	N_Shore	
NR_002437;NM_001023;NM	TSS200;Body;Body	Island	RDMR
NR_029607;NR_027148	TSS1500;Body		
NR_026671;NR_026672;NM	TSS1500;TSS1500;TSS1500		
NM_015363;NM_001146327	TSS200;TSS200;TSS200;TSS200	Island	
NM_017589;NM_001100388	TSS1500;TSS1500;TSS1500;B	N_Shore	
NR_003037	TSS200		
NM_032810;NR_028492	TSS1500;Body	Island	
NR_001577	Body		
NR_029373;NR_029374	TSS1500;Body	Island	RDMR
NR_033258;NM_014795;NM	Body;5'UTR;1stExon;1stExon;	N_Shelf	DMR
NR_015415;NM_177438	Body;TSS1500	Island	
NM_016122;NM_001042399	1stExon;5'UTR;TSS1500;5'UTR	Island	
NR_026578	Body		
NM_006195;NR_024123;NM	1stExon;Body;TSS1500;Body	Island	
NR_026752	Body		
NM_006761;NR_024058	Body;Body		
NR_031598;NM_014275;NM	TSS200;Body;Body	S_Shore	
NM_006041;NR_026880	Body;TSS1500	Island	CDMR
NR_027349;NR_027350	Body;Body	Island	
NR_003252;NM_014937	Body;Body	S_Shore	RDMR
NR_027633;NM_001009877;	Body;Body;Body	N_Shore	
NM_003927;NR_002970;NM	Body;TSS1500;Body	N_Shore	
NR_003920	Body		
NR_002821	Body	Island	
NM_018362;NR_002832	TSS1500;Body	S_Shore	
NM_153365;NR_027697;NR	TSS1500;Body;Body	Island	
NR_002327;NM_002952	TSS200;Body	N_Shore	
NR_003605;NR_003606;NR	(Body;Body;Body	S_Shelf	RDMR
NR_003266	TSS1500	Island	
NR_027423	Body		
NM_001865;NR_029466	TSS200;TSS200		
NM_172003;NR_029399	Body;TSS1500		
NR_003698	TSS200	Island	
NR_024281;NR_029668	TSS1500;TSS200	Island	
NM_199191;NM_199193;NM	TSS1500;TSS1500;TSS1500;TSS	Island	
NR_016021;NM_032811	TSS1500;TSS1500	N_Shore	
NM_153264;NR_022012	5'UTR;Body	S_Shore	
NR_003307;NR_003313;NR	(Body;Body;Body;TSS200		
NR_015436	Body	S_Shelf	
NM_001130001;NM_001130	5'UTR;5'UTR;1stExon;1stExon	S_Shore	
NR_027399;NR_027398;NM	TSS1500;TSS1500;TSS1500	S_Shore	

NM_019057;NR_024019	Body;Body	N_Shore	
NR_004846	TSS1500	N_Shore	
NM_001130042;NM_001889	TSS1500;TSS1500;Body;TSS1500;Body;TSS1500;Body		
NR_029192;NR_024148;NR_024148	TSS200;TSS1500;TSS1500;TSS1500		
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NR_002944;NM_031157;NM_031157	TSS200;TSS200;TSS200;TSS1500	Island	
NM_001024660;NM_001024	1stExon;5'UTR;Body;5'UTR;1stExon		
NM_001161563;NM_001161	Body;Body;Body;Body;Body;Body	N_Shore	
NM_001139518;NM_001042	TSS1500;TSS200;TSS200;TSS1500	Island	
NM_001100592;NR_027040	5'UTR;Body;5'UTR;1stExon;1stExon	N_Shore	
NM_020120;NR_027671	TSS1500;TSS1500	N_Shore	
NM_001159554;NM_005446	1stExon;1stExon;TSS1500	S_Shore	
NR_026789	Body		
NM_000990;NR_002580	Body;TSS1500	Island	
NR_015428	Body	Island	
NR_002733	Body	Island	
NM_001048223;NM_001048	TSS1500;TSS1500;Body;TSS1500	N_Shore	
NR_024412;NR_015442	TSS1500;TSS1500		DMR
NM_152786;NR_027261;NM_152786	5'UTR;TSS1500;1stExon;TSS1500	S_Shore	
NR_027435;NM_020801	TSS1500;Body	N_Shore	
NR_015404;NM_003668;NM_003668	Body;TSS200;TSS200	Island	
NM_001079522;NR_027123	TSS1500;Body;TSS1500;TSS1500	N_Shore	RDMR
NR_026872;NM_002602	Body;Body	S_Shelf	
NM_003143;NR_015392	5'UTR;TSS1500	Island	
NR_003042;NM_004582	TSS1500;Body		
NR_004053	Body	N_Shore	
NM_199193;NM_022128;NM_022128	5'UTR;TSS1500;5'UTR;5'UTR;5'UTR	S_Shore	
NM_001037663;NM_001959	Body;Body;TSS1500;TSS1500	S_Shore	
NR_028408	TSS200	Island	
NM_005378;NR_026766	5'UTR;TSS1500	Island	
NR_024383;NR_015436	Body;Body	Island	
NM_015913;NM_015913;NM_015913	1stExon;5'UTR;TSS1500;TSS1500	Island	
NR_024453	Body	S_Shore	RDMR
NR_027908	Body	N_Shore	
NR_002586;NR_031650;NM_031650	TSS1500;TSS1500;Body;TSS1500	S_Shore	RDMR
NR_028337	TSS1500	N_Shelf	
NR_027822	Body		
NR_026857;NM_017450;NM_017450	TSS1500;Body;Body;Body;Body	Island	DMR
NM_018844;NR_027830	TSS1500;TSS1500	N_Shore	
NR_031666	Body	S_Shore	
NM_032391;NR_024103	TSS200;TSS1500	N_Shore	
NR_003700	Body	N_Shelf	
NR_003086	Body	S_Shore	
NR_027463;NM_133491;NR_133491	Body;5'UTR;TSS1500;1stExon	Island	

NR_024514;NM_139027;NM	Body;Body;Body;TSS1500;TSS	N_Shore	
NR_029372;NM_001002010	TSS200;TSS200	Island	
NM_020988;NM_138736;NR	TSS1500;TSS1500;Body	N_Shore	DMR
NR_026728;NM_018217;NM	TSS200;TSS200;TSS200	Island	
NR_004401;NM_001352	TSS1500;1stExon	Island	
NM_001100592;NR_027040;	5'UTR;Body;5'UTR;1stExon;1s	Island	
NR_024603;NM_004870	Body;1stExon	Island	
NR_030320	TSS200	S_Shelf	
NM_001865;NR_029466	TSS200;TSS200		
NM_199193;NM_022128;NM	5'UTR;TSS1500;5'UTR;5'UTR;5'	S_Shore	
NR_028044;NR_003512;NM	Body;Body;5'UTR;TSS1500;Bc	N_Shore	
NR_024253	Body		
NR_015358	Body		
NR_028437;NR_028436;NM	TSS200;TSS200;TSS200	N_Shore	
NR_028473;NM_016464	Body;Body	S_Shelf	
NR_030345	TSS200		
NM_001015;NR_001285	TSS200;TSS1500	Island	
NR_015415;NM_177438	Body;TSS1500	S_Shore	
NR_026745;NM_001145079;	TSS200;TSS200;TSS200	N_Shore	
NR_002307	TSS200	N_Shore	
NM_020386;NR_026877	TSS1500;TSS1500	N_Shore	
NM_021253;NR_024052;NR	TSS1500;Body;Body	N_Shore	
NM_001171155;NR_033242;	TSS1500;TSS1500;Body	N_Shore	
NM_144704;NR_027464;NM	3'UTR;Body;3'UTR;3'UTR;TSS	N_Shore	
NM_001003809;NR_024101;	Body;Body;Body		
NR_015370;NR_002922	Body;TSS1500	Island	
NR_026677	TSS1500		
NM_006392;NR_027700;NR	Body;Body;TSS1500	Island	
NR_024600;NM_138929;NM	Body;5'UTR;5'UTR;Body	Island	
NR_027660;NM_001160183;	TSS1500;TSS1500;TSS1500;TSS	N_Shore	
NR_024484	Body	Island	
NR_027816;NM_152744	Body;Body		
NR_003360	TSS1500		
NM_139235;NR_003667;NM	Body;Body;Body		
NM_006117;NM_206836;NR	TSS1500;TSS1500;TSS1500;TSS	Island	
NM_016145;NM_032332;NM	1stExon;TSS200;5'UTR;Body;5'	Island	
NM_001083614;NR_003501;	1stExon;Body;TSS200;5'UTR	Island	
NR_031766;NM_017899;NM	Body;Body;Body	N_Shore	
NR_000034	TSS1500	Island	
NM_022492;NR_027749;NM	Body;Body;TSS200	S_Shore	
NM_002222;NM_001099952	Body;Body;Body;TSS1500		
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NR_029373;NR_029374	Body;Body	Island	DMR
NM_017884;NR_031711	Body;TSS200		

NM_018177;NR_027277	TSS1500;Body	Island	
NM_006392;NR_003078;NR_019009;NR_029409	Body;TSS200;Body;TSS1500	S_Shore	
NM_006041;NR_026880	Body;TSS1500	N_Shore	
NR_027855;NM_001162407;NR_021253;NR_024052;NR_023318;NR_023319;NM_032741;NM_006913;NR_001024660;NM_001024	Body;Body;Body;Body	N_Shelf	CDMR
NR_003501;NM_001083614	TSS200	Island	RDMR
NM_001145363;NR_026910	TSS1500;Body;Body;TSS1500	N_Shore	
NR_003263	TSS200;TSS200;TSS200	Island	
NR_029389	TSS1500;Body;Body		
NR_002949;NR_027766	1stExon;5'UTR;Body;5'UTR;1stExon		
NR_021490;NR_021491;NR_030617	Body;Body		
NR_031662;NM_032359	1stExon;Body;5'UTR;1stExon;Island		
NR_028044;NR_003512;NM_027117	TSS200	Island	
NR_026951	TSS1500	S_Shelf	
NR_002612	TSS200;TSS1500	N_Shore	
NM_000968;NR_002440;NR_026876	Body;Body;Body	Island	
NR_003111	Body		
NR_015453;NM_001146069;NR_002561;NR_000008;NR_001165030;NR_028491;	Body;TSS200	Island	
NM_001145049;NM_001142	Body;Body;5'UTR;Body;TSS200	Island	
NR_002184	TSS200	Island	
NR_027764	TSS200	S_Shore	
NM_033412;NR_024872;NR_028040;NM_178831;NR_001141970;NR_024517;	5'UTR;TSS1500;Body;TSS1500;Body;5'UTR;TSS1500;Body	S_Shore	
NR_028044;NR_003512;NM_002188	TSS1500	N_Shore	
NR_002184	TSS1500	S_Shore	
NM_015913;NM_001136497	TSS1500;TSS1500;TSS1500;TSS1500	N_Shore	
NR_026878	Body	Island	DMR
NR_003142;NR_002326;NR_002582;NM_001007074;	TSS1500;TSS1500;TSS1500;TSS1500;TSS1500;TSS1500;TSS1500;TSS1500;TSS200;TSS200	N_Shore	
NM_020914;NR_029376	Body;Body	S_Shore	
NR_026765	Body		
NR_002961;NR_003110	TSS1500;Body	S_Shore	
NR_026981;NM_001003789;	Body;5'UTR;5'UTR;5'UTR;5'UTR	N_Shore	
NR_026951	TSS200	S_Shore	

NM_001162505;NM_199203	Body;Body;Body;Body	Island	
NR_026883;NR_026885;NR_003239	(Body;TSS200;TSS200 TSS200		N_Shore
NM_014415;NR_024407	TSS200;Body	Island	
NM_001141945;NM_152872	TSS200;Body;Body;Body;Body	S_Shore	
NM_001300;NR_027653;NR_003075	5'UTR;Body;1stExon;1stExon; TSS1500	Island S_Shore	CDMR
NR_027087	TSS1500		
NR_001578	Body	S_Shore	DMR
NR_028324	Body		
NR_002824	Body		
NM_001016;NR_002435;NR_014415;NR_024407	Body;TSS200;TSS1500 TSS1500;Body	S_Shore S_Shore	
NR_028334	TSS200	S_Shore	
NM_030819;NR_027399;NR_024610;NM_005340;NR_001141969;NR_024517;	5'UTR;Body;Body TSS200;TSS200;TSS200 Body;Body;Body;Body	Island Island N_Shore	
NR_024034	Body	Island	
NR_024194;NR_024195;NR_030621	Body;Body;Body;Body;Body;Body; Body	S_Shore Island	
NR_024581;NM_024701	TSS200;TSS200	Island	
NR_024568	Body	N_Shelf	
NR_027295;NR_026680	TSS1500;TSS1500	N_Shore	
NR_027103	TSS200		
NM_173627;NM_001164637	TSS1500;TSS1500;TSS1500;Body	Island	
NR_002824	Body		
NR_030169	TSS1500	S_Shelf	
NR_026950	TSS1500	S_Shore	
NM_018177;NR_027277	5'UTR;TSS1500	S_Shore	
NM_052839;NR_027691;NM_030937;NM_001144868	Body;Body;Body Body;Body;Body;TSS1500;Body	S_Shore N_Shore	
NM_030573;NM_001008695	Body;Body;TSS1500;TSS1500	N_Shore	
NR_027451	TSS200	S_Shore	
NM_005510;NM_004197;NR_015444	5'UTR;TSS200;Body;TSS200 Body	N_Shore	
NR_027399;NR_027398;NR_033203;NR_033204;NR_026730	TSS200;TSS200;TSS200 (Body;Body;Body;TSS1500;TSS1500; Body	Island N_Shore Island	
NM_007349;NR_028090	TSS1500;Body	Island	
NR_002766;NR_003531;NR_026865;NM_030936	(TSS1500;TSS1500;TSS1500 TSS1500;5'UTR	N_Shore S_Shore	
NR_026826;NM_001145159;	TSS1500;TSS1500;5'UTR;TSS1500	S_Shore	
NR_024014;NM_002081	TSS1500;Body	S_Shore	
NR_024100	TSS1500		

NR_027475;NR_027474;NM_TSS1500;TSS1500;TSS1500;TSS1500			
NR_029498;NM_005916;NM_TSS1500;Body;Body;TSS200;TSS1500			
NM_030660;NM_001164781	5'UTR;5'UTR;Body;1stExon;5'	Island	
NM_002931;NR_029633	TSS1500;TSS1500		N_Shore
NR_024019;NM_019057	TSS1500;TSS1500		S_Shore
NR_024374	Body		
NR_024448;NM_153615	Body;TSS1500		
NR_026580;NM_007111	Body;Body		S_Shelf
NR_015441	TSS200		Island
NR_026052	TSS200		Island
NR_029607;NR_027148	TSS1500;Body		
NR_028074;NM_014828;NM_TSS200;TSS200;TSS1500;TSS200		Island	
NR_026895;NM_006544;NM_Body;TSS1500;1stExon			S_Shore
NM_207354;NR_030767	Body;Body		S_Shore
NR_027051;NM_030573;NR_Body;TSS1500;Body;TSS1500		Island	
NR_026867	TSS200		S_Shore
NM_001142273;NM_015282	Body;Body;Body;TSS200		Island
NR_027786	TSS200		N_Shore
NR_003086	TSS1500		N_Shore
NR_026541;NR_026564;NR_Body;Body;Body			S_Shore
NR_027107	TSS1500		Island
NR_026676	Body		Island
NM_178126;NR_026697;NM_1stExon;Body;TSS200		Island	
NR_026785;NM_052924	Body;TSS1500		Island
NM_206826;NM_014366;NM_Body;Body;Body;TSS1500			S_Shelf
NR_028335;NM_024086	TSS1500;3'UTR		
NM_001141969;NR_024517;Body;Body;Body;Body			N_Shore
NR_030218	TSS1500		
NR_026580;NM_007111	Body;Body		Island
NR_024024;NM_001130410;TSS200;TSS200;TSS1500;TSS200		Island	
NR_027332;NM_000860;NM_TSS200;TSS1500;TSS1500			S_Shore
NM_032811;NM_032811;NR_1stExon;5'UTR;Body		Island	
NR_024469	TSS1500		Island
NR_002591;NM_006098;NM_TSS1500;1stExon;5'UTR		Island	
NM_021259;NR_024453	Body;TSS1500		Island
NM_006554;NR_027850	TSS200;TSS200		N_Shore
NR_027428;NR_027430;NM_TSS200;TSS200;Body;TSS200;TSS200		Island	
NM_004945;NM_001005362	TSS200;TSS200;TSS200;TSS200	Island	
NM_173627;NM_001164637	TSS1500;TSS1500;TSS1500;Body	Island	
NR_024485;NR_024486	Body;Body		N_Shore
NR_027626;NR_002174	TSS200;TSS1500		N_Shore
NM_147195;NR_027294	Body;TSS1500		Island
NR_002329;NR_002330;NM_TSS200;Body;Body;Body			N_Shore
NR_003313;NR_003312;NR_TSS1500;TSS1500;TSS1500			

DMR

RDMR

NM_000520;NR_027262	1stExon;TSS200	Island	
NM_006087;NR_030585	Body;TSS200	Island	
NM_001011537;NM_001145	1stExon;1stExon;5'UTR;5'UTR	Island	
NR_024534;NM_005787;NM	TSS1500;TSS1500;Body;TSS1500	N_Shore	
NM_080604;NM_001146020	Body;Body;Body;Body;Body;Body	N_Shelf	
NR_028044;NR_003512;NM	Body;Body;5'UTR;5'UTR;Body	Island	DMR
NR_028058	Body		
NR_026786;NM_032263;NR	Body;TSS1500;Body;Body;Body	S_Shore	RDMR
NR_003512;NM_001007139;	Body;3'UTR;3'UTR;3'UTR	N_Shore	
NM_005313;NR_002318	TSS200;Body	N_Shore	
NR_003367	TSS1500	Island	
NM_001880;NR_030630	TSS1500;TSS1500	S_Shore	
NR_026781;NR_026780	Body;Body	S_Shore	
NR_030179;NR_029613	TSS200;Body	S_Shore	
NR_024042	TSS1500		
NR_003500	Body	N_Shore	
NR_015449;NR_023384;NR	(Body;Body;Body	Island	
NR_030588;NM_017415	TSS200;Body		
NR_028436;NM_003347;NR	TSS1500;TSS1500;TSS1500	N_Shore	
NR_002995;NR_004380	TSS1500;TSS200	Island	
NM_018227;NR_015439	TSS1500;Body	S_Shore	
NM_001130041;NM_003029	TSS1500;TSS1500;Body;Body	Island	
NR_002929	TSS1500	Island	
NM_014415;NR_024407	1stExon;Body	Island	
NM_001170687;NM_001170	Body;Body;Body;5'UTR;Body;	Island	
NR_003129;NM_006913;NM	TSS1500;TSS1500;1stExon;5'UTR		
NR_003491	Body	S_Shore	DMR
NR_002971;NM_080686	TSS1500;5'UTR	S_Shore	
NR_026712;NM_012423	Body;Body	Island	
NM_052924;NR_026785	TSS200;TSS200	Island	
NR_027337	Body	Island	
NR_023938	TSS1500	N_Shore	DMR
NR_027242	Body	N_Shore	
NM_032846;NR_028074;NM	Body;Body;TSS1500;TSS200	N_Shore	
NR_024547;NM_003876	TSS1500;TSS1500	S_Shore	
NM_182620;NM_001100595	Body;Body;TSS1500	N_Shelf	
NR_030205;NR_030206	Body;TSS1500		
NR_027463;NR_027462;NM	Body;Body;TSS200	S_Shore	
NM_021238;NR_026806;NM	5'UTR;TSS200;5'UTR;5'UTR	Island	
NR_015428	Body	Island	
NR_027078;NM_138736;NM	TSS1500;1stExon;5'UTR;1stEx	Island	DMR
NR_023382	TSS1500	N_Shore	
NR_003512;NR_028044;NM	Body;TSS1500;Body;5'UTR;TS	Island	
NR_028032	Body	Island	

NR_027382;NM_138412;NM_003671;NM_007175	TSS200;5'UTR;TSS200;TSS200	Island	
NR_024153;NR_015431	TSS1500;Body	Island	
NR_024527;NM_001142348;NR_029380	TSS200;Body;Body;TSS200	Island	DMR
NR_026926;NR_026923;NR_015411	Body;TSS1500;Body	N_Shore	
NR_003610	Body	Island	
NR_030174	TSS200		
NR_028133;NM_001145299;NM_198718;NR_028294;NM_001024380;NR_027638;NR_012459;NM_003002;NR_001141969;NR_024517;NR_026971	TSS1500;TSS200;TSS200;TSS200	Island	
NR_027387	1stExon;Body;1stExon;Body;1stExon	Island	
NM_001024380;NR_027638;NR_012459;NM_003002;NR_001141969;NR_024517	5'UTR;TSS1500;1stExon;TSS1500	Island	
NR_026971	Body;TSS1500;Body	N_Shore	
NR_027387	5'UTR;Body;Body;5'UTR	Island	
NM_032885;NR_031603	TSS200	Island	
NR_024430;NR_029671	Body	Island	
NR_027237	Body	N_Shore	
NM_001136473;NM_001136	5'UTR;5'UTR;Body;5'UTR		
NM_030573;NM_001008695	Body;Body;TSS1500;TSS1500	N_Shore	
NM_003927;NR_002970;NM_001136123;NR_024245	Body;TSS1500;Body	N_Shore	
NR_027284;NR_026861;NR_003266	Body;Body;Body	S_Shore	
NR_021492;NR_027928;NM_027301	Body;TSS200;TSS200	Island	DMR
NR_028484;NR_028483;NM_024621;NM_139022;NM_004860;NR_027463	TSS200	Island	
NR_024625;NM_001142931;NR_018177;NR_027277	Body;TSS200;TSS200	Island	
NR_026667	Body	N_Shore	
NM_006000;NR_003063	Body;Body;TSS1500	Island	DMR
NR_024383;NR_015436;NR_002187;NM_012470	Body;TSS1500;Body	Island	
NR_002307	Body;TSS1500;Body	N_Shore	
NR_024367	TSS1500	S_Shore	
NR_015340	TSS1500		
NM_001130136;NR_027073;NR_003954;NM_024694	5'UTR;TSS1500;TSS1500;TSS1500	Island	
NR_015454;NM_002359	TSS200;Body		
NR_024529;NR_000029;NR_015327;NR_026678;NM_015327;NR_026678;NM_015327	TSS1500;TSS1500;TSS1500;5'UTR	Island	
	TSS1500;Body;TSS1500		

NM_152522;NR_024526	Body;Body	S_Shore	
NR_002578;NR_003942;NR_003942	Body;TSS1500;TSS1500;TSS1500	N_Shore	
NM_019605;NR_024337	5'UTR;Body	Island	
NR_024568;NM_022818	Body;TSS1500	N_Shore	
NR_023348;NM_001481	TSS200;TSS200	Island	
NM_013309;NR_022014	TSS1500;Body	S_Shore	
NR_029375;NM_001099737	TSS1500;TSS1500;Body	N_Shore	RDMR
NM_021080;NR_030385	5'UTR;TSS1500		
NR_027242	Body	Island	
NR_028102;NM_025264	Body;Body	N_Shore	
NR_030372;NM_000164	TSS200;Body	N_Shelf	
NR_031680;NM_015554	Body;5'UTR	Island	
NR_024042	TSS200		
NR_000015;NR_000024;NM_001033568;NR_002222	TSS1500;TSS1500;TSS1500;Body;TSS1500;Body;Body	N_Shore	
NR_001281	Body	N_Shore	RDMR
NR_026646	TSS200		
NM_014620;NM_018953;NR_003149;NM_032119	5'UTR;TSS200;Body;Body;Body	N_Shore	
NM_003466;NM_013951;NM_005446;NM_001159554	Body;Body;Body;Body;Body;Body;TSS1500;TSS1500;TSS200	Island	
NR_024457	TSS200	Island	DMR
NR_026870	TSS1500		
NM_018043;NR_030691	Body;Body	Island	
NR_003667;NM_014471	Body;Body		
NM_006041;NR_026880	Body;TSS1500	Island	CDMR
NR_029712	Body	S_Shelf	
NR_024370;NR_015396;NM_027399;NR_027398;NM_024076	Body;TSS200;TSS1500;TSS1500;TSS1500;TSS1500;Body	S_Shore	
NR_003944;NM_032522;NR_001099737;NR_029375	TSS1500;TSS1500;TSS200;TSS200;TSS200;1stExon	N_Shore	
NM_001163484;NM_025230	5'UTR;5'UTR;Body;Body;5'UTR	S_Shore	
NM_000528;NM_001099737	TSS1500;5'UTR;Body	N_Shore	
NR_003944;NM_032522;NR_001099737;NR_029375	TSS1500;TSS1500;TSS200;TSS200;TSS200;1stExon	N_Shore	
NM_001099737;NR_029375	TSS200;TSS200;1stExon	Island	
NM_198256;NR_003093;NR_030170	TSS200;TSS200;TSS200;TSS200	S_Shore	
NR_023382	Body	Island	
NM_017444;NR_023360	Body;Body	Island	
NR_023319;NR_023318;NM_028504;NR_028502;NM_026750	Body;Body;Body;TSS1500;TSS1500;Body;TSS1500	N_Shore	
NR_028504;NR_028502;NM_026750	TSS1500;TSS1500;Body;TSS1500	S_Shore	
NR_026750	Body	N_Shore	

NM_001100592;NR_027040;	5'UTR;TSS200;5'UTR;1stExon;	Island	
NR_028398;NR_028394;NR_028394;	Body;Body;Body;Body;Body;	Island	RDMR
NR_002754;NR_002755;NM_002754;	Body;Body;TSS1500;TSS1500;	N_Shore	RDMR
NR_003082	TSS1500		
NR_001435	Body		
NR_028080;NM_032042;NM_028080;	Body;Body;Body;Body;TSS1500;	Island	
NR_024553	Body	Island	DMR
NR_029374;NM_001166119;	TSS1500;Body;Body;Body;Body;	N_Shore	RDMR
NR_029434;NM_002892;NR_029434;	TSS200;TSS1500;TSS200;TSS1500;	Island	
NM_001011537;NM_001145	TSS1500;5'UTR;TSS1500;TSS1500;	N_Shore	RDMR
NR_026704	TSS1500		
NM_005500;NR_027280;NM_005500;	Body;Body;Body;Body;	S_Shore	
NM_152520;NR_031659	5'UTR;TSS200	N_Shore	
NM_005829;NR_023361	Body;Body	N_Shore	
NR_015374	Body	N_Shore	
NM_178126;NR_026697;NM_178126;	1stExon;Body;TSS200;5'UTR	Island	
NR_027283	TSS1500	Island	
NR_027790	TSS1500		
NR_029692	TSS200	Island	
NR_026968;NM_033625;NM_026968;	TSS200;TSS200;TSS200		
NM_001142327;NM_021145	5'UTR;TSS200;1stExon;1stExon;	Island	
NR_030588;NM_017415	TSS200;Body		
NM_014596;NM_170783;NR_014596;	TSS1500;TSS1500;Body	N_Shore	
NR_027026;NR_027028	Body;Body		
NM_014620;NR_003084;NM_014620;	5'UTR;Body;1stExon;1stExon;	N_Shore	
NR_026906;NR_026905	Body;Body		
NM_001165031;NM_012145	Body;Body;Body	Island	
NR_029512	TSS200	N_Shelf	
NM_001033088;NR_028052	TSS1500;TSS1500	Island	
NR_026968;NM_033625;NM_026968;	TSS200;TSS200;TSS200		
NM_019057;NR_024019	Body;Body	N_Shore	
NM_178463;NR_029676	Body;TSS200		
NM_001159767;NM_020319	TSS200;TSS1500;TSS200;TSS200;	Island	
NR_024246	TSS1500		
NM_014167;NR_033192;NM_014167;	TSS1500;TSS200;Body	Island	
NM_001142273;NM_015282	Body;Body;Body;TSS200	S_Shore	
NR_026751;NM_170783;NM_026751;	TSS200;1stExon;1stExon;5'UTR	Island	
NM_019012;NR_026568	Body;Body	Island	
NM_016040;NR_030761;NM_016040;	TSS1500;TSS1500;TSS1500;Body;	S_Shore	
NR_024431;NR_024429;NR_024431;	Body;Body;Body	Island	
NR_024458;NM_003295	TSS1500;Body	Island	
NM_177524;NM_177525;NR_177524;	5'UTR;5'UTR;TSS1500;Body	Island	
NR_002770	Body		
NR_024240;NR_026751	Body;Body	S_Shore	

NR_027308;NM_005919;NM	Body;5'UTR;TSS1500;Body	Island	
NR_028044;NR_003512;NM	Body;Body;5'UTR;Body	Island	DMR
NR_003512;NR_028044;NM	Body;TSS1500;Body;5'UTR;TS	Island	
NR_027276	Body	S_Shelf	
NR_003307;NR_003313;NR_	(Body;Body;TSS200		
NR_002952;NR_003697	TSS1500;Body	N_Shore	
NR_002835;NM_005328	Body;5'UTR	S_Shore	
NR_024538;NM_000850;NM	Body;3'UTR;Body		
NM_001145269;NR_026879;	Body;Body;Body	S_Shore	
NR_024282	TSS200	Island	
NR_028339;NR_028340	TSS200;TSS200	S_Shore	
NR_026805	Body		
NR_024207	Body	N_Shore	
NR_026850	Body	Island	
NR_031592;NM_007065	TSS1500;TSS200	Island	
NR_027276	Body	S_Shelf	
NR_003272;NM_001042414;	Body;1stExon;5'UTR	Island	
NM_078473;NM_001024380	Body;5'UTR;TSS1500;TSS1500	N_Shore	
NM_004640;NR_003065;NM	5'UTR;TSS200;5'UTR	N_Shore	
NM_031895;NR_030632	Body;TSS1500	N_Shore	
NR_002787	Body	S_Shore	
NR_004858;NM_133635;NR_	TSS1500;TSS1500;Body;TSS15	Island	
NR_026592	Body	Island	
NM_052924;NR_026785	TSS200;TSS200	Island	
NR_026914	Body	N_Shelf	
NM_001141969;NR_024517;	Body;Body;TSS1500;Body;Bo	N_Shore	
NM_207356;NR_024455	Body;TSS1500	N_Shore	
NR_003131	Body	Island	
NR_027092;NR_027093;NR_	(Body;TSS1500;Body	Island	DMR
NR_027840;NM_032288;NM	Body;Body;5'UTR;TSS1500	Island	
NR_015436	Body	N_Shore	DMR
NR_033204;NR_033201;NR_	(TSS200;Body;TSS200;Body;Bc	Island	
NM_001025232;NR_027932;	3'UTR;TSS1500;TSS1500		
NR_003679	Body	Island	DMR
NR_003697	Body	N_Shelf	
NM_001143979;NR_030159;	TSS1500;TSS1500;5'UTR		
NM_100486;NM_016628;NM	1stExon;5'UTR;1stExon;5'UTR	Island	
NR_026693	Body	Island	
NR_027766;NR_002949	TSS1500;TSS1500	N_Shore	
NM_018320;NR_029192;NR_	TSS200;TSS1500;TSS200;TSS200		
NR_027308;NM_001145785;	Body;Body;Body;Body	Island	
NR_030717;NM_003083	Body;Body	Island	RDMR
NR_028340;NR_028339;NM	Body;Body;3'UTR	N_Shelf	
NR_027294;NM_147195	Body;TSS1500	Island	

NR_004054;NM_014676;NM	TSS1500;Body;Body		
NM_199189;NR_003141	TSS1500;TSS1500	N_Shore	
NM_014676;NR_004054;NM	Body;TSS1500;Body		
NR_029402;NR_029403;NM	Body;Body;Body;Body;Body;1	Island	
NR_026876	Body	Island	
NR_026804	Body	N_Shore	
NR_024154;NM_001105663	TSS1500;TSS1500	N_Shore	
NR_002754;NR_002755;NM	Body;Body;TSS1500	S_Shore	
NR_026864	Body	Island	
NR_015370;NR_002922	Body;TSS1500	Island	
NM_152872;NM_152871;NM	Body;Body;Body;Body;Body;5	Island	
NM_001656;NM_001093755	5'UTR;TSS1500;5'UTR;TSS150	Island	
NR_015441	TSS200	Island	
NR_002894	Body	Island	
NR_027064	Body	Island	DMR
NR_028044;NR_003512;NM	Body;Body;5'UTR;5'UTR;Body	Island	DMR
NR_026781;NR_026780	Body;Body	Island	
NM_001159767;NM_020319	TSS200;TSS1500;TSS200;TSS2	Island	
NR_003296	TSS1500		
NR_030175	TSS200		
NM_138638;NR_028130;NM	Body;Body;TSS1500;Body;Bo	N_Shore	
NR_002791	Body	Island	
NM_152872;NM_152871;NM	Body;Body;Body;Body;Body;5	Island	
NM_004640;NR_003065;NM	5'UTR;TSS1500;5'UTR	N_Shore	
NR_031666	Body	Island	DMR
NR_027653;NM_001160124;	Body;Body;Body;Body	N_Shore	
NM_000984;NR_000013	Body;TSS200	S_Shore	
NR_026691;NM_001558	Body;Body	Island	
NM_007294;NM_007299;NR	5'UTR;5'UTR;TSS200;5'UTR;1	N_Shore	
NR_026698;NM_002264	Body;5'UTR	N_Shore	
NR_030600	TSS1500		
NM_022818;NR_024568	Body;TSS1500	Island	
NM_032410;NR_027669;NM	Body;TSS1500;TSS1500;TSS1	Island	
NM_001362;NR_031649	TSS200;TSS1500	Island	
NM_012322;NR_024466;NM	TSS200;Body;5'UTR;5'UTR	Island	
NR_026732;NR_026731	Body;Body	S_Shore	
NR_033203;NR_033205;NR	(Body;Body;Body;Body;Body;5	Island	
NR_001282	Body	Island	
NM_005328;NR_002835;NM	1stExon;Body;5'UTR	S_Shore	
NR_024282	TSS1500	Island	
NR_027282;NM_152644	Body;TSS200	Island	DMR
NR_015357	Body	N_Shore	
NM_015916;NR_024552;NM	5'UTR;Body;1stExon	Island	
NR_026901	Body	Island	

NR_024595	Body	N_Shore	
NM_003626;NM_177423;NR_030803;NM_017974;NR_027622;NR_024409;NM_026860;NR_026861;NR_003061	Body;Body;TSS1500 Body;Body;Body TSS200;TSS200;1stExon Body;Body;TSS200 Body	N_Shore Island N_Shore	
NR_003061	Body	N_Shore	DMR
NM_003391;NR_024047	Body;Body	N_Shore	
NR_029380	Body	Island	DMR
NR_028514;NM_130766;NM_028050;NR_028051;NR_024600;NM_138929;NR_001130136;NM_001130	TSS1500;5'UTR;5'UTR;Body Body;Body;Body;Body Body;3'UTR;Body;3'UTR 5'UTR;5'UTR;TSS1500;1stExon	Island N_Shore S_Shelf Island	
NR_024405;NR_024403	TSS1500;TSS1500	N_Shore	
NM_021953;NM_202002;NR_026903	5'UTR;5'UTR;TSS1500;TSS1500 Body	Island N_Shelf	
NM_033228;NM_024941;NR_033203;NR_033204;NR_026751	Body;TSS1500;Body;Body;TSS1500;Body Body;Body;Body;TSS1500;Body Body	N_Shore S_Shore N_Shelf	
NR_033203;NR_033204;NR_026751	Body;Body;Body;TSS1500;Body	S_Shore	DMR
NR_003111	TSS1500		
NR_027816;NM_152744	Body;Body		
NR_024596;NM_016401;NR_024409;NM_003262;NR_029697	TSS1500;TSS200;TSS200;TSS200 Body;TSS1500;Body TSS1500	N_Shore N_Shore	
NR_029697	TSS1500	N_Shore	CDMR
NR_027489;NM_001159377;NR_024370;NR_015396;NM_003932	TSS1500;TSS1500;TSS1500;TSS1500 TSS200;TSS1500;TSS1500 TSS200;TSS1500;TSS1500	Island S_Shore S_Shore	
NR_003932	TSS1500		
NR_029865;NR_029866	TSS200;TSS1500		
NM_015363;NM_001146327	TSS200;TSS200;TSS200;TSS200	Island	
NM_016426;NR_024009	Body;TSS1500	Island	
NR_024349	Body	Island	
NR_026804;NM_016531	Body;TSS1500	Island	
NM_001135629;NM_001135	TSS1500;TSS1500;TSS1500;TSS1500	N_Shore	
NR_015399	Body		
NM_001163391;NR_028077	TSS1500;TSS1500	S_Shore	
NM_001134340;NR_027329;NR_027270	TSS1500;Body;Body;Body;TSS1500 TSS200	S_Shore S_Shore	
NR_027270	TSS200	S_Shore	
NM_001165415;NM_001165	5'UTR;TSS1500;5'UTR;Body;5'	Island	
NM_002136;NR_002944;NR_024114;NM_175888	TSS1500;TSS1500;TSS1500;5' TSS1500;TSS1500	Island N_Shore	
NR_024114;NM_175888	TSS1500;TSS1500	N_Shore	
NR_027368;NM_006627	Body;Body	S_Shore	
NR_027345;NR_027346	TSS200;TSS200		
NR_027774;NR_027782;NM_001160300;NM_052839	TSS1500;TSS1500;TSS1500 TSS1500;TSS1500;TSS1500	S_Shore Island	
NR_024260;NM_015509	TSS200;TSS200	N_Shore	

NM_001114632;NM_005090	TSS200;TSS200;TSS200	Island	
NM_019094;NM_199040;NR_024233;NM_020228;NR_002818	Body;Body;Body	S_Shore	
NR_024233;NM_020228;NR_002818	Body;TSS200;TSS200	Island	
NR_002818	TSS200	Island	
NM_021095;NR_028323	5'UTR;Body	N_Shore	CDMR
NR_024627	TSS1500	Island	
NR_003929	TSS200		
NR_003955	Body	S_Shore	
NR_027463;NM_004860	Body;TSS200	Island	
NM_002402;NM_177524;NR_026992	TSS1500;5'UTR;5'UTR;TSS1500	Island	
NR_026992	Body		
NM_145039;NR_003228;NR_027255;NM_001080395	3'UTR;TSS1500;1stExon;TSS1500	N_Shore	
NR_027255;NM_001080395	TSS1500;Body	N_Shore	
NM_198595;NM_001134647	Body;Body;Body	N_Shelf	
NM_018371;NM_001130518	Body;Body;Body	Island	
NM_020456;NR_023351;NR_018412;NR_002329;NR_006317;NR_027253	TSS200;TSS200;TSS200	Island	
NR_002329;NR_006317;NR_027253	TSS200;TSS1500;Body;TSS200	N_Shore	
NM_006317;NR_027253	5'UTR;TSS1500	Island	DMR
NM_006195;NR_024123;NR_003246	1stExon;Body;TSS1500;Body	Island	
NR_003246	TSS200		
NR_004862;NM_001039693;NR_024506;NM_001008910	TSS200;TSS200;Body	Island	
NR_024506;NM_001008910	5'UTR;TSS1500;TSS1500	N_Shore	
NR_003038;NR_003044;NR_003093;NM_198256;NR_028495;NR_028494;NR_004401	Body;TSS1500;TSS1500	Island	
NR_003093;NM_198256;NR_028495;NR_028494;NR_004401	Body;Body;Body;Body;Body	N_Shore	
NR_028495;NR_028494;NR_004401	TSS1500;TSS1500;TSS1500;TSS1500	S_Shore	
NR_004401	Body	N_Shore	
NM_001144943;NM_001142	TSS1500;TSS1500;TSS1500;TSS1500	N_Shore	
NR_024271	TSS200	S_Shore	
NM_000528;NM_001099737	TSS1500;5'UTR;Body	N_Shore	
NM_001042512;NM_001017	Body;Body;Body;Body;Body;Body;Body		
NR_027156	Body	Island	
NR_029583	TSS1500		
NM_053005;NM_001004325	Body;1stExon;Body		
NR_024040;NM_018371	Body;5'UTR	S_Shelf	
NR_026854	Body	S_Shore	
NR_030176;NR_029704	TSS1500;TSS200		
NR_002824	Body		
NM_005484;NM_001042618	Body;Body;TSS1500		
NR_024435;NR_024434;NR_002971;NM_080686	Body;Body;TSS1500	Island	
NR_002971;NM_080686	TSS1500;Body	S_Shore	
NR_001566	TSS1500	S_Shore	
NR_024056;NR_024057;NR_026838;NR_026840;NR_002974;NM_014949	TSS1500;TSS1500;TSS200;TSS1500	Island	
NR_026838;NR_026840;NR_002974;NM_014949	TSS200;TSS200;TSS200;5'UTR;1stExon;TSS200;TSS200		
NR_002974;NM_014949	TSS1500;Body		

NR_024469;NM_004584	Body;TSS1500	N_Shore	
NR_026893	TSS1500	S_Shore	
NR_026597	TSS200	Island	
NM_001142587;NM_001142	TSS1500;TSS1500;TSS1500;B	N_Shore	
NM_138797;NR_030395	TSS1500;TSS200	S_Shore	
NR_024332;NM_017739	Body;TSS1500		
NM_024721;NR_024360	TSS1500;Body	N_Shore	CDMR
NM_018022;NM_001136217	TSS1500;TSS200;TSS200;TSS2	N_Shore	
NM_001136123;NM_018121	TSS200;TSS200;TSS200	N_Shore	
NM_001011537;NM_001145	TSS1500;5'UTR;TSS1500;TSS1	N_Shore	RDMR
NM_016531;NR_026804	5'UTR;TSS200	Island	
NR_003654;NR_004859	TSS1500;TSS1500	N_Shore	
NR_033203;NR_033204;NR_	Body;Body;Body;Body;TSS20	Island	
NR_015448	Body		CDMR
NR_003660	TSS200	Island	
NR_027430;NR_027428;NM_	Body;Body;Body;Body;Body;E	Island	
NR_004397	TSS1500	Island	
NM_001145374;NR_026930;	Body;Body;Body;Body;Body	N_Shore	
NR_027103	TSS200		
NR_023319;NR_023318;NM_	Body;Body;Body	N_Shore	
NR_003936	TSS200	Island	DMR
NR_001298	TSS1500		
NR_029856	TSS200		
NR_027126;NR_027125;NM_	Body;Body;Body		
NM_001143771;NM_001143	TSS200;TSS200;TSS200;TSS2	Island	
NM_016531;NR_026804	TSS200;Body	Island	
NR_024488	Body	Island	
NR_029411	Body	Island	
NR_027270	TSS1500	S_Shore	
NR_027049	TSS1500	N_Shore	
NR_029841;NR_030389	TSS1500;TSS200		
NR_004053;NM_003106	Body;TSS1500	N_Shore	
NM_206826;NM_014366;NM	Body;Body;Body;TSS1500		
NR_002995;NR_004380	TSS1500;TSS200	Island	
NR_003581;NR_003582	TSS1500;TSS1500		
NR_023313;NR_027271;NM_	Body;TSS200;5'UTR;Body	S_Shore	
NR_026583	Body		
NR_026587;NM_001143943;	Body;Body;Body;Body;Body	Island	
NR_027476;NM_032750;NM	TSS200;TSS200;TSS1500;TSS2	N_Shore	
NR_026667	Body		
NR_026693	Body	S_Shelf	
NR_028387;NM_004761	Body;Body	N_Shelf	
NR_001298	Body		
NM_001146178;NM_016291	TSS1500;TSS1500;TSS1500;T	S_Shore	

NR_024153;NR_015431	TSS200;Body	Island	
NM_001079522;NR_027123;	TSS1500;Body;TSS1500;TSS1500;TSS1500	N_Shore	
NR_027393	Body	Island	
NR_024596;NM_016401;NR_024596	TSS1500;TSS200;TSS200;TSS200		
NR_029380;NM_006562	TSS200;TSS1500	Island	DMR
NR_029373;NR_029374	TSS1500;Body	Island	RDMR
NM_001164246;NM_017847	TSS1500;TSS1500;Body;TSS1500	Island	
NM_018280;NR_027034	TSS200;Body	Island	
NR_003099;NM_021148	TSS200;TSS200		
NM_018840;NR_026562;NM_018840	TSS1500;TSS1500;TSS1500	N_Shore	
NR_002799;NM_002106	TSS1500;Body	Island	
NR_027790	TSS200		
NR_024271	TSS1500	S_Shore	
NR_027762;NM_015014;NM_015014	TSS1500;TSS1500;TSS1500	S_Shore	
NR_026951	Body	N_Shore	
NM_014941;NR_002323	TSS1500;TSS1500	Island	
NR_002605;NR_002612	Body;Body	S_Shore	
NR_026950	Body	Island	
NR_003561;NR_027768	TSS1500;TSS1500	S_Shore	
NR_024079	TSS1500	S_Shore	
NR_004401;NM_145807	Body;3'UTR	Island	
NM_001040144;NM_001039	TSS1500;TSS1500;TSS1500;TSS1500	Island	
NR_027927;NM_014296	TSS1500;Body	S_Shore	
NR_026719	Body	N_Shore	
NM_004071;NR_027855;NM_004071	5'UTR;Body;Body;Body	N_Shelf	RDMR
NR_003099;NM_021148	TSS1500;TSS1500		
NR_026956	TSS200		
NR_026997	Body	Island	
NR_001590	TSS200	N_Shore	
NR_027671;NM_020120;NM_020120	Body;1stExon;5'UTR	Island	
NM_012230;NR_029411;NM_012230	3'UTR;Body;Body		
NR_024627	TSS1500	Island	
NM_021131;NM_178000;NM_021131	5'UTR;TSS200;TSS200;TSS1500	Island	
NR_026717	TSS1500	N_Shelf	
NM_152410;NM_001080378	Body;Body;Body;Body		
NM_001130136;NR_027073;	5'UTR;TSS200;TSS1500;TSS1500	Island	
NM_001170634;NR_028388;	TSS1500;TSS1500;TSS1500;TSS1500	N_Shore	
NM_001031738;NM_153342	5'UTR;5'UTR;Body	Island	
NM_005328;NR_002835	TSS1500;Body	S_Shore	
NR_027786	TSS1500	N_Shore	
NM_100486;NM_016628;NR_016628	Body;Body;Body	Island	
NM_001142348;NM_001142	Body;5'UTR;Body;Body	N_Shore	CDMR
NR_003579	Body	Island	
NR_002710	Body	Island	

NR_024623;NR_024622	Body;Body	S_Shelf	
NR_015357	Body	S_Shore	
NR_027908	TSS200	S_Shore	
NR_029623	TSS200	Island	
NM_001280;NR_027271;NR_	TSS1500;Body;TSS1500;TSS1500	Island	
NR_027701	Body		
NR_004401;NM_001352	TSS1500;TSS200	Island	
NR_033203;NR_033204;NR_	Body;Body;Body;TSS1500;Bo	N_Shore	
NR_027276	Body	S_Shore	
NR_027051;NM_030573;NR_	Body;TSS1500;Body;TSS1500	S_Shore	
NR_029401	TSS1500	S_Shore	
NR_002141	Body		
NR_027397;NM_001146039;	TSS200;TSS200;TSS200		
NR_015346;NM_001114632;	Body;Body;Body	S_Shelf	
NR_001593;NM_000980	TSS200;TSS200	Island	
NM_018489;NR_027023	TSS1500;Body	S_Shore	
NR_024573;NM_032484;NM	TSS200;5'UTR;1stExon;1stExon;5'UTR;1stExon;5'UTR		
NR_000015;NR_000024;NM_	TSS1500;TSS1500;TSS1500	N_Shore	
NR_026826;NM_001145159;	TSS1500;TSS1500;5'UTR;1stE	S_Shore	
NM_018320;NR_024148;NR_	Body;Body;TSS1500;Body		
NR_027320	TSS200	S_Shore	
NR_024343	Body		
NR_024621;NM_139022;NM	Body;TSS1500;Body		
NR_003239;NR_002972	TSS200;TSS1500	Island	
NR_024253	Body	N_Shelf	
NM_175888;NR_024114	TSS200;TSS200	N_Shore	
NM_199191;NM_199193;NM	TSS1500;TSS1500;TSS1500;TSS1500	N_Shore	
NR_024009;NM_016426	TSS1500;5'UTR	Island	
NM_153264;NR_022012;NM	5'UTR;Body;1stExon	Island	
NM_001280;NR_027271;NR_	TSS1500;Body;TSS1500;TSS1500	Island	
NM_212465;NM_173088;NR_	Body;TSS1500;Body;Body;Body;Body;Body		
NM_018489;NR_030282	Body;TSS1500		
NM_001145783;NM_134440	Body;TSS1500;Body;5'UTR;Bc	N_Shore	
NM_001142464;NR_024551;	TSS200;TSS1500;TSS200;TSS200	S_Shore	
NR_023350;NM_004766	TSS1500;TSS1500	Island	
NR_027816;NM_152744	Body;Body		
NR_027816;NM_152744	Body;Body		
NR_003582;NR_003581	TSS200;TSS200		
NR_003042;NM_004582	TSS1500;TSS1500		
NM_024506;NM_001008910	5'UTR;TSS1500;1stExon;TSS1500	Island	
NR_015447	Body	S_Shore	RDMR
NR_024117	TSS200	Island	
NR_029192	Body		
NR_000034	TSS1500	Island	

NR_004383;NM_033377	TSS1500;Body		
NR_026892	TSS200		
NR_002582;NM_001007074;	TSS1500;TSS1500;TSS1500;TSS	S_Shore	
NR_003334;NR_003335	Body;TSS1500		
NR_026926;NR_026925	Body;Body		
NR_027410	Body	Island	DMR
NR_002818	Body	Island	
NM_004824;NR_026590;NM	Body;Body;Body;Body		
NR_026736;NM_017906;NM	Body;TSS1500;TSS200;TSS200	(Island	
NR_029869	TSS1500		
NM_001416;NR_002918	Body;TSS1500	Island	
NR_031646;NM_004734	Body;Body		
NR_026866	TSS1500		
NR_026965	TSS200		
NR_028287	Body	N_Shelf	
NR_026776;NR_026775	TSS200;Body	S_Shore	
NR_003955	Body	Island	
NM_152410;NM_001080378	Body;Body;Body;Body		
NM_018489;NR_027023	TSS1500;Body	Island	
NR_028493;NM_020466;NR_	TSS200;Body;TSS200;TSS200	Island	
NR_031593;NM_198552	TSS200;Body		
NR_029681;NM_199424;NM	TSS200;Body;Body		
NR_027258	TSS200	Island	
NR_024444	TSS1500	S_Shore	
NM_194325;NR_024018;NM	5'UTR;Body;5'UTR;5'UTR	Island	
NR_026997	Body	Island	
NM_001031716;NR_024415	TSS1500;TSS1500	N_Shore	
NM_013291;NR_031600	Body;TSS200	S_Shelf	
NM_004945;NR_029586;NM	Body;TSS1500;Body;Body;Body		
NM_001137605;NR_024427;	5'UTR;Body;TSS200;1stExon;TSS200;Body;5'UTR		
NR_027165;NR_027168;NR_	Body;Body;Body;Body;Body;B	Island	
NR_003330;NR_003331	Body;TSS1500		
NM_001142623;NM_032484	Body;Body;Body;Body		
NR_027701	Body		
NR_015433	TSS1500	N_Shore	
NR_026837;NM_013381;NR_	Body;1stExon;Body	Island	
NR_033203;NR_033204;NR_	Body;Body;Body;Body;TSS200	(Island	
NR_026791	Body	Island	
NM_001009944;NR_030646;	Body;TSS1500;Body	Island	
NR_030193	TSS1500		
NM_014053;NR_027286;NR_	1stExon;TSS1500;TSS1500	Island	
NR_002932	Body		
NR_026762	TSS1500	N_Shore	
NM_006041;NR_026880	Body;Body	Island	

NM_001100592;NM_145230	Body;Body;TSS1500	S_Shore	
NR_003110	Body	Island	
NM_153264;NR_022012	TSS1500;TSS1500	N_Shore	
NM_001242;NR_015382	TSS1500;Body		
NR_024458;NM_003295	TSS1500;Body	N_Shore	
NM_001145354;NR_015431	TSS200;TSS1500	Island	
NM_001607;NR_024024;NM_015412;NR_027794;NR_003300	1stExon;Body;5'UTR;TSS1500	Island	
	TSS200;TSS200;TSS200	Island	
	TSS1500		
NM_001146184;NM_001146	TSS1500;TSS1500;TSS1500;TSS1500	S_Shore	RDMR
NR_003099;NM_021148	TSS200;TSS200		
NR_024463	TSS200		
NM_032026;NM_001146160	Body;5'UTR;Body;TSS1500	N_Shore	
NM_014620;NR_003084	5'UTR;Body	Island	
NR_026789	Body		
NM_001145873;NM_001768	5'UTR;TSS1500;TSS1500;TSS1500	S_Shore	RDMR
NR_026597	Body		
NR_001591	Body	Island	
NR_024240;NR_026751	Body;Body	Island	
NR_027822	Body	Island	DMR
NR_024623;NM_013329;NM_020707;NR_027753	Body;TSS1500;TSS1500;TSS1500	S_Shore	
	5'UTR;TSS1500		
NR_033258;NM_014795;NM_001145775;NR_027117	Body;5'UTR;1stExon;1stExon	S_Shelf	DMR
	5'UTR;Body	Island	
NR_027653;NM_001160125	TSS1500;TSS1500;TSS1500;TSS1500	Island	
NM_153262;NR_027458;NR_028435;NM_001164710	Body;Body;Body;Body;Body;Body	Island	DMR
	Body;Body;Body;Body;Body		
NR_027034;NM_018280	Body;TSS1500	S_Shore	
NR_024249	TSS1500	S_Shore	
NR_024383;NR_015436;NR_001128128;NM_001128	Body;Body;Body	N_Shore	CDMR
	1stExon;5'UTR;Body;Body;Body	Island	DMR
NR_003512;NM_001007139	Body;TSS1500;Body		RDMR
NM_014463;NR_027299;NR_026921	TSS1500;Body;Body;Body	N_Shore	
	TSS1500	S_Shore	
NR_031658	TSS1500		
NR_024239;NM_001136111	Body;Body;Body;Body;Body;Body		
NM_018227;NR_015439	Body;TSS1500	Island	
NR_003063;NM_006000	TSS200;Body	N_Shore	
NR_027405;NM_006636	Body;Body	S_Shore	
NR_026590	Body	N_Shore	RDMR
NR_029405	TSS200		
NR_024565;NM_001166012	TSS200;5'UTR;TSS200;1stExon	Island	
NR_003102;NM_015450;NR_028131;NM_138638;NR_028131;NM_138638	Body;1stExon;Body;Body;5'UTR	Island	
	TSS1500;TSS1500;TSS1500;TSS1500	S_Shore	

NM_019009;NR_029409	Body;TSS1500	Island	
NM_001040437;NM_001040	5'UTR;5'UTR;1stExon;TSS200;S_Shore		
NM_032853;NR_024247	5'UTR;TSS1500	S_Shore	RDMR
NR_024472	Body		
NM_019116;NM_001083614	TSS200;TSS200;TSS200	Island	
NM_000037;NR_030161;NM_	3'UTR;TSS200;Body;3'UTR;Body;Body;Body;Body;Body		
NR_027908	Body	N_Shelf	
NM_004860;NR_027463	Body;TSS200	N_Shore	
NR_027812;NR_027811;NM_	Body;Body;Body	N_Shore	
NM_012459;NM_003002;NR_	TSS1500;Body;TSS1500	S_Shore	
NR_003276	Body	Island	
NM_001141970;NR_024517;	TSS1500;TSS1500;TSS1500;TSS1500	S_Shore	
NR_024547;NM_003876	Body;Body	Island	
NR_001591	Body	S_Shore	
NM_001007593;NR_027400;	Body;Body;Body	S_Shore	
NR_000013;NM_000984	TSS1500;TSS200	Island	
NR_027389;NM_004970;NM_	TSS200;TSS1500;TSS1500	S_Shelf	
NR_029865;NR_029864;NR_	(TSS1500;TSS200;TSS1500		
NM_021643;NM_021643;NR_	1stExon;5'UTR;Body	Island	
NR_027789;NR_027788	TSS1500;TSS1500	S_Shore	
NR_026766;NM_005378	TSS200;5'UTR	Island	
NR_024279;NM_015001	TSS1500;Body	Island	
NM_005663;NR_030641	Body;TSS1500	S_Shore	
NR_026678;NM_015327	TSS1500;Body		
NR_024591	TSS200	Island	
NR_002305	Body	Island	
NR_001435	Body	S_Shore	
NM_001010982;NM_001145	1stExon;TSS200;5'UTR;TSS200	Island	
NR_015424	TSS1500	Island	
NR_023391	Body		
NR_026956	TSS1500		
NM_001722;NR_029714	Body;TSS1500	S_Shore	
NR_027284;NR_026861;NR_	(Body;TSS1500;TSS1500	Island	DMR
NR_027768;NR_003561	Body;TSS200	Island	
NM_001144942;NM_001144	TSS200;Body;Body;Body;TSS200	Island	
NM_001170689;NM_001170	TSS1500;TSS1500;TSS1500;TSS1500	N_Shore	
NM_001102367;NM_001102	5'UTR;5'UTR;5'UTR;TSS1500;5'UTR;5'UTR		
NR_015422	Body	S_Shore	
NR_024148;NR_029192;NM_	Body;TSS1500;5'UTR;Body;1stExon		
NM_000967;NR_000028;NM_	Body;TSS200;Body		
NR_026761	Body	Island	
NM_000969;NR_000006	Body;TSS1500		
NR_023380	Body		
NR_024584	Body		

NR_003699	Body	Island	DMR
NR_030199	TSS1500		
NR_027368;NM_006627	Body;Body	Island	
NM_001012957;NM_001164	Body;Body;Body;Body;Body		
NR_027399;NR_027398;NM_	TSS200;TSS200;TSS200	Island	
NR_027238	TSS1500		
NR_002767;NM_018064	TSS200;Body	N_Shore	
NM_000441;NR_028137	Body;TSS200	Island	
NR_003272;NM_001042414	TSS1500;TSS1500	S_Shore	
NM_021004;NR_023921;NR_	TSS1500;Body;Body;Body;Bo	N_Shore	
NR_024270	Body	Island	
NR_024383;NR_015436	Body;Body	Island	
NR_027435;NM_020801	Body;Body	Island	
NR_026751	Body		
NR_027790;NR_027791	Body;Body		RDMR
NM_152720;NM_001146099	TSS1500;TSS200;TSS200;TSS2	S_Shore	
NR_027653;NM_001160124;	Body;Body;Body;Body	Island	
NR_033186;NM_207467	Body;5'UTR	S_Shore	
NR_004053	Body	Island	DMR
NM_005047;NR_024408	TSS200;TSS200	Island	
NR_027633;NM_001009877;	Body;Body;Body	Island	
NR_023385;NR_023384;NR_	(TSS200;TSS200;TSS200	N_Shore	
NR_024178	Body		
NR_028295	TSS200	S_Shore	
NR_028044;NR_003512;NM_	Body;Body;5'UTR;Body	Island	DMR
NR_027703;NM_052988;NM_	TSS200;TSS200;TSS200;TSS20	Island	
NM_022906;NR_022007	5'UTR;TSS1500	S_Shore	
NR_026865;NM_030936	Body;TSS1500	Island	DMR
NM_022103;NR_030740	TSS1500;TSS1500	S_Shore	
NR_002728;NM_000218;NM_	TSS1500;Body;Body	S_Shore	
NM_004197;NM_032454;NM_	Body;Body;TSS1500;Body	Island	
NM_005798;NM_001007278	5'UTR;5'UTR;5'UTR;5'UTR;1st	S_Shore	
NR_015428	TSS200	S_Shore	
NM_052879;NM_001170803	Body;Body;Body;Body;Body;E	Island	
NR_024447	TSS1500		
NR_003512;NM_001007139;	Body;3'UTR;3'UTR;3'UTR	Island	
NR_026676	TSS1500	N_Shore	
NR_031577	TSS1500		
NR_002328;NM_005105	Body;3'UTR	S_Shelf	
NR_031680	Body	Island	
NM_018917;NM_032092;NM_	Body;Body;Body;Body;Body;E	Island	
NR_026658;NR_026655	TSS200;Body	Island	
NR_027024	Body		
NR_027451	Body	Island	

NR_015358	TSS200	Island	DMR
NR_028032	Body	Island	
NM_001130041;NM_003029	TSS1500;TSS1500;Body;Body	S_Shore	
NM_001416;NR_002918	Body;TSS200	S_Shore	RDMR
NM_001146184;NM_001146	TSS1500;TSS1500;TSS1500;TSS1500	S_Shore	RDMR
NM_014815;NM_001079518	Body;Body;TSS1500		
NR_002201;NM_002707;NM_002707	Body;Body;Body	N_Shore	
NM_025264;NR_028102	TSS1500;TSS1500	S_Shore	
NR_027500;NM_001037806	TSS200;1stExon;5'UTR;TSS200	Island	
NM_001145438;NM_001145	Body;Body;Body;Body;Body;Body;Body;Body		
NR_031706;NM_022720	TSS1500;5'UTR	N_Shore	
NM_183048;NR_024594;NM_024594	Body;TSS1500;Body;Body		
NM_001164821;NM_024770	TSS1500;5'UTR;TSS1500;TSS1500	N_Shore	
NR_024008	Body	N_Shore	RDMR
NM_001142464;NR_024551	TSS200;TSS1500;TSS200;TSS200	S_Shore	
NM_001042424;NM_133330	Body;Body;Body;TSS200;Body		
NR_024047;NM_003391	TSS200;TSS200	Island	DMR
NM_016464;NM_001161454	5'UTR;TSS1500;TSS1500;Body	S_Shore	
NR_029380;NM_006562	TSS200;TSS1500	Island	DMR
NM_001161587;NR_027763	Body;Body;Body	S_Shelf	
NM_001003656;NR_033191	5'UTR;Body;Body	N_Shore	
NR_024455;NM_207356	Body;TSS1500	Island	
NM_018412;NM_021908;NR_021908	Body;Body;TSS1500		
NR_026572;NM_001146209	TSS1500;Body;TSS1500;Body	S_Shore	
NR_027048;NR_027047	TSS1500;TSS1500		
NM_017975;NR_003105;NM_003105	TSS200;TSS200;TSS1500		
NR_024423;NR_024424	Body;TSS1500	N_Shore	
NR_024270	TSS200	Island	
NR_027816;NM_152744	Body;Body		RDMR
NR_026776;NR_026775	Body;Body	Island	
NM_021259;NR_024453	TSS1500;Body	S_Shore	RDMR
NR_024237;NM_001136003	Body;5'UTR	Island	RDMR
NM_198468;NR_031679	5'UTR;Body	N_Shore	
NM_001042383;NR_024400	5'UTR;TSS1500;5'UTR;TSS1500	S_Shore	RDMR
NR_002754;NR_002755;NM_002755	Body;Body;TSS1500;TSS1500	N_Shore	RDMR
NM_000967;NR_002439;NM_002439	TSS1500;TSS1500;TSS1500	S_Shore	
NR_024277;NM_020133	TSS1500;Body		
NR_026777	Body	Island	
NR_031738;NM_173665;NM_173665	TSS200;5'UTR;5'UTR		
NM_024033;NR_024185;NR_024185	1stExon;Body;Body;5'UTR	Island	
NR_027345;NR_027346	TSS200;TSS200		
NM_032271;NR_002736	TSS1500;TSS200	Island	
NR_002594	Body	N_Shore	
NR_002174;NR_027626	Body;Body	N_Shore	

NM_006718;NM_002656;NM	TSS1500;TSS1500;5'UTR;TSS1	S_Shore	
NR_027070	TSS200		
NR_024584	TSS1500	S_Shore	
NR_027331	TSS200		
NR_026791	TSS1500	N_Shore	
NR_002727;NM_021026	Body;Body		
NR_003525	TSS200	Island	
NM_001135654;NM_003819	Body;Body;Body;Body		
NR_003713	TSS1500	S_Shore	
NR_015410	TSS1500	Island	
NR_026875	TSS200	Island	
NR_027481	Body	Island	
NM_171829;NM_171830;NM	Body;TSS200;TSS1500;Body;Body;Body		
NM_001165415;NM_005566	TSS200;TSS200;TSS200;TSS200	N_Shore	
NM_001779;NR_026665;NM	Body;Body;Body	N_Shelf	
NR_024436	TSS1500		
NR_029434;NR_029435;NM	TSS1500;TSS1500;TSS200;TSS	Island	
NR_015447	Body	S_Shore	RDMR
NM_001145714;NM_001145	3'UTR;3'UTR;Body;3'UTR		
NR_001283;NM_001008496	TSS1500;5'UTR	Island	
NM_001005911;NM_001005	5'UTR;5'UTR;5'UTR;5'UTR;Bo	N_Shelf	
NR_027716;NM_177925	TSS200;TSS200	N_Shore	
NR_030349;NM_004664	TSS1500;Body	Island	DMR
NM_006887;NR_027251	TSS1500;Body	Island	
NR_015431;NR_024153	Body;Body		
NM_001144012;NM_015959	3'UTR;3'UTR;Body;TSS1500	N_Shore	
NR_030724;NM_020383;NM	TSS1500;TSS1500;TSS1500	S_Shore	
NR_027692;NM_002636;NM	TSS1500;TSS1500;TSS1500	N_Shore	
NR_028338;NM_147686;NM	Body;5'UTR;5'UTR		
NR_024455	Body	S_Shelf	
NM_001126339;NM_001126	1stExon;5'UTR;5'UTR;Body;1s	Island	
NM_177524;NM_002402;NM	5'UTR;TSS200;5'UTR;TSS1500	Island	
NR_030765;NM_001167867;	TSS200;TSS1500;TSS1500;TSS	S_Shore	
NR_002942	Body	Island	
NR_003313;NR_003312;NR_	(TSS1500;TSS1500;TSS1500		
NR_029409;NM_019009	Body;TSS1500	S_Shore	
NR_001457;NM_001012	TSS200;Body	S_Shelf	
NM_002041;NM_005254;NM	TSS1500;TSS1500;TSS1500;TSS	S_Shore	
NR_027005	Body	N_Shore	
NR_024433	Body	N_Shore	
NR_027822	TSS1500	N_Shore	
NM_001135824;NR_024211;	3'UTR;Body;Body;3'UTR;Body;3'UTR;Body		
NR_003111	TSS1500		
NR_002187;NM_012470;NM	TSS200;1stExon;5'UTR	Island	

NM_014463;NR_027299;NM_007298;NM_007300;NR_026893;NM_002702	1stExon;TSS200;TSS200;TSS200;Body;Body;Body;5'UTR;Body;Body		
NR_023918;NR_023919	Body;TSS200	N_Shore	
NM_012470;NR_002187	TSS200;Body	Island	
NR_023392;NR_026974	TSS1500;Body	S_Shore	
NR_003675	TSS200	Island	
NR_027771	Body	Island	
NR_028582;NM_138387;NR_003660	TSS200;TSS200;TSS200	Island	
NR_003660	TSS200	Island	
NM_019015;NR_030407	Body;TSS1500	S_Shore	
NR_024547;NM_003876;NM_002785;NM_016592	Body;1stExon;5'UTR	Island	
NR_002785;NM_016592	Body;TSS1500	N_Shore	
NR_029422;NM_032311;NM_027069	TSS200;TSS200;TSS200	Island	
NR_027069	TSS1500	Island	
NM_018917;NM_032092;NM_003034	Body;Body;Body;Body;Body;Body;TSS200	N_Shore	
NR_003034	TSS200	Island	
NR_003261	TSS1500		
NM_001145638;NM_015597	Body;Body;TSS1500		
NM_005161;NR_027991	TSS1500;TSS1500		
NR_003500	Body	Island	
NR_003109;NM_017846	Body;Body	Island	
NM_001170797;NR_033195;NR_021970;NM_021970;NR_026790	Body;Body;Body;Body;Body;Body;1stExon;5'UTR;Body	Island	
NR_026790	TSS1500	N_Shore	
NR_027271;NR_023313;NR_001145640;NM_015174	TSS1500;Body;Body;Body	S_Shore	
NM_001145640;NM_015174	Body;Body;Body	Island	
NR_029690;NM_199070;NR_001435	TSS1500;5'UTR;5'UTR;5'UTR;Body	Island	
NR_001435	Body		
NM_000978;NR_002576	TSS1500;TSS1500	S_Shore	DMR
NR_003655	Body	N_Shore	
NR_031571	TSS1500		
NR_033258;NM_014795;NR_015447	Body;5'UTR;5'UTR	S_Shore	DMR
NR_015447	TSS200	Island	
NR_024448	TSS1500	S_Shore	
NR_028394;NM_001164556;NR_015448	Body;TSS1500;TSS1500;TSS1500;TSS1500	N_Shore	
NR_015448	TSS200	N_Shelf	
NR_030637;NR_030639;NR_024181;NM_001135590	TSS1500;TSS1500;TSS1500;TSS1500;TSS1500;TSS1500;TSS1500;TSS1500	N_Shore	
NR_024181;NM_001135590	TSS1500;TSS1500;TSS1500	S_Shore	
NM_001042594;NM_015450	TSS1500;TSS1500;TSS1500;TSS1500	S_Shore	
NR_024520;NR_024519;NM_022818;NR_024568;NR_030198;NR_030197	TSS200;TSS200;TSS200;TSS200;1stExon;TSS200;5'UTR	Island	
NR_030198;NR_030197	TSS1500;TSS200		
NR_026691;NM_001558	Body;Body	S_Shelf	

NR_002963;NR_003584	TSS1500;TSS1500	Island	
NM_032119;NR_003149	TSS200;TSS200	Island	DMR
NR_026932;NM_014456;NM_006098;NR_002591	TSS1500;TSS1500;TSS1500	N_Shore	
NR_026791	Body	Island	
NR_028505;NR_028503;NM_024117	Body;Body;TSS1500;Body;TSS1500	Island	
NR_028138	TSS1500	N_Shore	
NR_015436	Body	Island	
NR_027408	Body	S_Shore	
NM_006098;NR_002591	TSS1500;TSS1500	N_Shore	
NM_015509;NR_024260	1stExon;Body	Island	
NR_029670	TSS1500	Island	
NR_028044;NR_003512;NM_024516;NR_024515;NM_028595	Body;Body;5'UTR;TSS1500;Body;Body;Body;Body;Body;Body;TSS200	S_Shore	
NR_015346;NM_005090;NM_030318;NM_024963	Body;Body;TSS1500	S_Shore	
NR_030187;NR_030184	TSS1500;TSS1500		
NR_028390	Body		
NM_012399;NR_026962;NR_024569;NR_033182	TSS1500;Body;Body	Island	
NM_030803;NR_003008;NM_024454;NM_004546	Body;TSS1500;Body		
NR_015436	Body	Island	
NR_024330	Body	Island	RDMR
NR_027257	TSS1500	N_Shore	
NR_026776;NR_026775	TSS200;Body	S_Shore	
NR_003695;NR_003605;NR_001145268;NM_001145	TSS1500;Body;TSS200;TSS1500;TSS200;TSS200;TSS200	S_Shore	
NM_001160210;NR_027662;	TSS1500;TSS1500;TSS1500	N_Shore	
NM_006098;NR_002591	TSS1500;TSS1500	S_Shore	
NM_194457;NM_194315;NR_015381	Body;Body;Body;Body;Body	N_Shore	
NR_002563;NR_002564;NR_001042424;NM_133330	TSS1500;TSS200;TSS1500;TSS1500;Body;Body;Body;TSS1500;Body	S_Shelf	
NM_005916;NM_182776;NR_027267;NR_027266	Body;Body;TSS200		
NR_027284;NR_026861;NR_023938	TSS1500;TSS1500	Island	
NR_029608	Body;TSS200;TSS200	Island	
NR_024431;NR_024429;NR_026901	Body	N_Shore	RDMR
NM_001141970;NR_024517;	Body;Body;Body		
	Body	Island	
	TSS1500;TSS1500;TSS1500;TSS1500	S_Shore	

NR_027942;NM_001162861;	Body;Body;Body;Body;TSS1500	N_Shore	
NR_024052;NR_024053	Body;Body	N_Shelf	
NR_026887;NM_004364	Body;TSS1500	Island	
NM_001142464;NR_024551;	5'UTR;TSS1500;1stExon;1stExon	S_Shore	
NR_028040;NM_178831;NR_029497	Body;3'UTR;Body;Body;Body		
NR_024362;NR_024363;NR_029507;NM_004599	TSS200	S_Shelf	
NR_031607;NM_003726;NR_003263	TSS1500;TSS1500;TSS1500	Island	
NR_003263	TSS1500;Body		
NR_003263	Body	S_Shore	
NM_001040649;NM_001159	Body;Body;Body		
NM_001040649;NM_001159	1stExon;TSS1500;1stExon;1stExon	Island	
NR_004382;NM_002402;NR_028338;NM_001164281;	Body;TSS1500;5'UTR;TSS1500	Island	
NR_028338;NM_001164281;	Body;Body;Body;Body;Body		
NR_027712	Body	S_Shore	
NR_002795;NM_005523	Body;TSS1500	N_Shore	RDMR
NR_015448	Body		
NR_027107	Body	Island	DMR
NR_021490;NR_021491;NR_017739;NR_024332	Body;Body;TSS200	Island	
NM_017739;NR_024332	5'UTR;Body		
NR_030192	TSS1500		
NR_003365	TSS1500	Island	
NM_001167830;NM_206886	1stExon;1stExon;Body;1stExon	Island	
NR_024360	Body	N_Shelf	
NR_024465;NM_006110	TSS1500;TSS200	S_Shore	
NR_027771	Body	Island	
NR_026999	Body	N_Shore	
NR_027503	TSS1500		
NM_000985;NR_002571;NR_028032	TSS200;TSS1500;TSS1500;TSS1500	S_Shore	
NR_028032	Body	Island	
NR_024186;NM_024033;NR_153638;NR_029519;NR_021491;NR_021490;NR_026967;NM_020901	TSS200;TSS200;TSS200	Island	
NR_024186;NM_024033;NR_153638;NR_029519;NR_021491;NR_021490;NR_026967;NM_020901	Body;TSS200;Body;Body		
NR_021491;NR_021490;NR_026967;NM_020901	TSS1500;TSS1500;TSS1500	N_Shore	
NR_026967;NM_020901	TSS200;TSS1500	Island	
NM_014620;NR_003084;NR_003491	5'UTR;Body;TSS1500;5'UTR	N_Shelf	
NR_003491	Body	Island	DMR
NM_001143682;NR_026554;	TSS1500;TSS1500;TSS1500		
NR_002563;NM_002394;NR_100486;NM_016628;NR_031695;NM_001018108	TSS1500;TSS1500;TSS1500;TSS1500	N_Shore	
NR_100486;NM_016628;NR_031695;NM_001018108	1stExon;5'UTR;1stExon;5'UTR	Island	
NR_031695;NM_001018108	TSS200;3'UTR	S_Shore	
NR_002583;NM_000997	TSS1500;Body	N_Shelf	
NR_024240;NR_026751	Body;Body	Island	DMR
NR_027262;NM_000520	TSS1500;Body	N_Shore	
NR_031727	TSS200	Island	
NR_027928;NM_005198;NR_027928;NM_005198;NR_027928;NM_005198;	Body;5'UTR;TSS200;1stExon	Island	

NR_003672;NR_002958;NR_	Body;TSS1500;Body;Body	Island	
NR_024279	Body	Island	
NR_003367	Body		
NM_032810;NM_032810;NR_	5'UTR;1stExon;TSS1500	Island	
NM_207292;NM_021038;NR_	TSS1500;TSS1500;Body;Body	N_Shore	RDMR
NR_028582;NR_028581;NM_	TSS1500;TSS1500;TSS1500	N_Shore	
NR_026846	Body	N_Shore	
NR_027469;NR_027468	TSS1500;TSS1500	S_Shore	
NR_029375;NM_001099737;	TSS1500;TSS1500;Body	Island	RDMR
NR_026765	TSS1500		
NR_002754;NR_002755	Body;Body	N_Shelf	RDMR
NR_028337	TSS200	N_Shelf	
NR_002773	TSS1500		
NR_002328;NM_003846	TSS1500;TSS200	Island	
NR_003531;NR_003530;NR_	Body;Body;Body	Island	RDMR
NR_001298	Body		
NM_201435;NR_027918;NM_	TSS200;TSS200;TSS200		
NR_015454;NM_002359	Body;TSS1500	Island	
NR_002447;NR_000017;NM_	TSS200;TSS1500;TSS1500;Bo	S_Shore	
NR_002791	Body		
NM_001146310;NR_024445;	Body;TSS1500;TSS200	Island	
NR_024362;NR_024363;NR_	(TSS1500;TSS1500;TSS1500	Island	
NM_005291;NM_001161415	5'UTR;5'UTR;Body;Body;Body;5'UTR;Body;Body;5'UTR		
NM_001141969;NR_024517;	5'UTR;Body;Body;5'UTR	Island	
NM_052839;NR_027691;NM_	Body;Body;Body	Island	
NR_001434	Body	Island	
NR_024430	Body		
NM_080425;NM_001077490	TSS1500;TSS1500;3'UTR;TSS1	N_Shore	CDMR

Enhancer	CONT1	CONT2	CONT3	CONT4	CONT5	CONT6
NA	0.125082016	0.114232995	0.111208411	0.102083839	0.109666144	0.086928838
NA	0.035836828	0.035417393	0.027840071	0.028868151	0.023696639	0.034664911
NA	0.044419514	0.034240819	0.031041931	0.033890847	0.039572344	0.025323966
TRUE	0.032006664	0.035334547	0.028902706	0.030043345	0.024653864	0.038566155
NA	0.125222288	0.099194052	0.121468403	0.103858828	0.076028929	0.111851797
NA	0.018450685	0.021358408	0.018632620	0.027865381	0.018285199	0.024753456
TRUE	0.024860348	0.025022921	0.018497334	0.020660368	0.023749787	0.025022720
NA	0.046524754	0.048931620	0.038146925	0.039046148	0.040813364	0.051934290
NA	0.794602410	0.803978279	0.781754977	0.709398503	0.748022248	0.801710365
NA	0.023533360	0.017423157	0.022432678	0.026455307	0.018498812	0.022076518
NA	0.022219273	0.024144025	0.017635097	0.020311778	0.020342278	0.029955970
NA	0.018547127	0.017020282	0.014060141	0.019213305	0.016942574	0.020009153
NA	0.031305341	0.030383024	0.028652293	0.027584617	0.030097698	0.035808273
NA	0.794134725	0.867958485	0.825309743	0.784882011	0.787525564	0.809997481
NA	0.033750226	0.039753031	0.034377757	0.035052035	0.028972409	0.039070148
NA	0.019906842	0.018016161	0.019173501	0.016108906	0.020964877	0.023697125
TRUE	0.186544725	0.175317776	0.193350745	0.187804935	0.150983462	0.201623247
NA	0.020667003	0.021759174	0.021736705	0.020898913	0.018820734	0.032597118
NA	0.131184907	0.115660867	0.115858042	0.097357489	0.141144288	0.105307138
NA	0.085282578	0.128356274	0.118971998	0.091386285	0.081032238	0.166549395
NA	0.025075433	0.029102061	0.030820613	0.037592235	0.033886311	0.036752779
NA	0.577642398	0.560548369	0.621170992	0.499607571	0.538106479	0.593587141
NA	0.720065216	0.817168644	0.761792721	0.769034877	0.793982930	0.768254870
NA	0.033528384	0.047789021	0.029006925	0.030650968	0.025741081	0.030404157
NA	0.037561600	0.031631886	0.026704781	0.031920163	0.024021189	0.041076224
TRUE	0.026505672	0.029741982	0.031789686	0.026581813	0.023977375	0.035039806
NA	0.038626447	0.034785157	0.032358398	0.032376148	0.033473471	0.046678667
NA	0.561846601	0.593548862	0.493697646	0.559935997	0.555925883	0.506041957
NA	0.663545311	0.478441324	0.606249451	0.543578499	0.601241509	0.468164727
NA	0.031155257	0.027318504	0.024021304	0.025154091	0.025825168	0.036303320
NA	0.027817603	0.025261916	0.020574125	0.023264378	0.026258670	0.026461600
NA	0.896156964	0.903889519	0.924479998	0.911085714	0.874072240	0.880843566
NA	0.032395235	0.043921766	0.029813467	0.037140777	0.032255344	0.043877480
NA	0.473616232	0.506287206	0.478296598	0.397280695	0.418042631	0.373145776
NA	0.025465891	0.024164463	0.015921642	0.016620364	0.022681740	0.023353082
NA	0.201706937	0.201241582	0.194393394	0.182680347	0.257661824	0.191925676
NA	0.033772402	0.038173357	0.028192666	0.025979129	0.035501478	0.034435821
NA	0.323477751	0.372399729	0.331669790	0.329039117	0.392834567	0.411048959
NA	0.016763736	0.018162636	0.012955149	0.020493173	0.016809627	0.018773210
NA	0.034309801	0.027712399	0.025456862	0.039478739	0.031913659	0.034343755
NA	0.666930688	0.722820289	0.621051791	0.680242343	0.731636524	0.665602520
TRUE	0.478684606	0.432427469	0.406867365	0.344268175	0.464270008	0.370072904
NA	0.077220135	0.051448582	0.060945949	0.043366693	0.083299828	0.087879725

NA 0.064020382 0.113312330 0.107320731 0.061588771 0.102159065 0.141638695
NA 0.018846786 0.016892635 0.018730850 0.017291165 0.015385894 0.017575891
NA 0.059505312 0.042864534 0.048072417 0.047291147 0.053047279 0.047122569
NA 0.261937490 0.255035518 0.217160518 0.208784082 0.262843022 0.221311746
NA 0.049973695 0.048757797 0.039351890 0.045653160 0.041364727 0.059206050
NA 0.226796481 0.211370464 0.194033998 0.135604740 0.114889997 0.190695967
NA 0.094241140 0.076642475 0.071012249 0.070776906 0.098707279 0.084865213
NA 0.050751758 0.042574949 0.038354156 0.059852144 0.052553124 0.043779196
NA 0.068773384 0.062169880 0.058395704 0.066832338 0.043929448 0.083291261
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CONT7	CONT8	CONT9	DA1	DA2	DA3	DA4
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0.033484824|0.026347335|0.036468499|0.032378410|0.046634009|0.036042268|0.039175309|
0.360700004|0.380531356|0.378670304|0.386759474|0.394379954|0.455787662|0.408836177|
0.047713538|0.049076612|0.050003241|0.038873164|0.048869323|0.045786361|0.071436496|
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0.311725592|0.372251722|0.376652499|0.365866656|0.401690947|0.413643045|0.403330333|
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0.253407889|0.303135656|0.254914704|0.279848200|0.325885868|0.207658184|0.332017731|
0.738874642|0.766136401|0.812022703|0.817138354|0.751263904|0.786272476|0.823893677|
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DA5	DA6	DA7	DA8	DA9	DA10	mean.CONT
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0.041332591	0.043288578	0.049978425	0.050367011	0.058927241	0.055918651	0.034441660
0.037522355	0.046955349	0.043925904	0.057853974	0.068118692	0.040971335	0.033618734
0.153230326	0.201792081	0.139611788	0.140038189	0.165942995	0.170307756	0.108832253
0.029358089	0.044343168	0.024201196	0.033687543	0.037484775	0.029049423	0.022706988
0.031736411	0.029413173	0.025665129	0.028843403	0.033536236	0.032770968	0.023438820
0.064889221	0.052067385	0.051047165	0.056134833	0.056423928	0.063468601	0.045212359
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max.DA	min.DA	sd.DA	diffmeth.p.val (Welch's t-test)
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cg01522721	19		MIR1181;CDC	NR_031592;	TSS1500;TSS1
cg00735591	19		DNM2;DNM2	NM_004945;	TSS200;TSS200
cg13770529	17		CCDC55;MIR4	NM_032141;	TSS200;TSS150
cg01629329	20		NOP56;MIR1	NM_006392;	1stExon;TSS2
cg10271981	19		MIR1181;CDC	NR_031592;	TSS1500;TSS2
cg03655940	16		MIR484;NDE1;	NR_030159;	Body;1stExon
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cg02690648	8		PINX1;MIR13	NM_017884;	Body;TSS200
cg11168235	3		MIR548G;C3c	NR_031662;	Body;TSS200
cg21019820	3		MIR191;NDU	NR_029690;	TSS1500;5'UT
cg11581046	19		MIR639;TECR	NR_030369;	TSS1500;TSS1
cg06333167	2		PRKRA;DFNB1	NM_0011395	TSS1500;TSS2
cg02585417	12		MIR618;LIN7	NR_030349;	TSS1500;Body
cg25102782	2		PRKRA;DFNB1	NM_0011395	TSS1500;TSS2
cg12480658	2		ATF2;MIR933	NM_001880;	TSS1500;TSS1
cg08737296	20		MIR124-3	NR_029670	TSS1500
cg14278808	8	rs75492345	LOC157627;	N NR_024281;	TSS1500;TSS2
cg17602882	19		MIR1181;CDC	NR_031592;	TSS200;TSS200
cg27294431	1		TPR;C1orf27;	NM_003292;	TSS1500;TSS2
cg19484886	12		C12orf61;MIF	NM_175895;	TSS1500;TSS2
cg10470963	22		ANKRD54;MII	NM_138797;	TSS1500;TSS2
cg18654971	5		MIR449C;CDC	NR_031572;	TSS1500;TSS1
cg13149127	1		C1orf61;MIR5	NM_006365;	5'UTR;TSS150
cg22050893	2		MIR548N;FKE	NR_031666;	Body;Body;Body
cg01656221	2		MIR548N	NR_031666	Body
cg17992509	1		MIR760	NR_030621	TSS200
cg00485047	16		NDE1;MIR484;	NM_0011439	TSS1500;TSS1
cg13343238	15		MIR548H4;GI	NR_031680;	Body;5'UTR
cg25851152	10		MIR146B	NR_030169	TSS1500
cg00328051	14		DIO3;MIR124	NM_001362;	TSS1500;TSS2
cg17774634	6		C6orf167;MIF	NM_198468;	5'UTR;Body
cg02975060	14		MIR1185-2	NR_031571	TSS1500
cg17002091	14		SLC25A29;MII	NM_0010393	1stExon;TSS1
cg22537343	19		MIR525	NR_030192	TSS1500

cg12959622	20		SNORD12B;CNR_003695;NTSS1500;Bod
cg05249271	14		MIR496;MIR1NR_030176;NTSS1500;TSS2
cg22725901	19		MIR518C NR_030199 TSS1500
cg19045894	2		ATF2;MIR933 NM_001880;TSS1500;TSS1
cg06401019	5		FAM172A;FANR_028080;NT Body;Body;Bc
cg08445226	3		C3orf26;MIR5 NM_032359;NT Body;Body
cg01068014	13		MIR17HG;MIR1 NR_027349;NT Body;Body
cg04288299	4		WHSC2;MIR9 NM_005663;NT Body;TSS1500
cg13285968	2		ZNF385B;MIR6 NM_152520;NT 5'UTR;TSS200
cg02662576	14		MIR495 NR_030175 TSS200
cg26106778	6		RING1;MIR21 NM_002931;NTSS1500;TSS1
cg10866755	2		ZNF385B;MIR6 NM_152520;NT 5'UTR;TSS200
cg16204151	19	rs60314070	MIR523 NR_030193 TSS1500
cg04735310	17		MIR196A1 NR_029582 TSS1500
cg08515869	4		MIR573 NR_030299 TSS1500
cg03894789	5		MIR874;KLHL NR_030588;NTSS200;Body
cg12778580	11		MIR1237;RPS NR_031602;NTSS1500;Bod
cg07439409	6		MIR548H3;C6 NR_031679;NT Body;TSS1500
cg15987431	1	rs61740910	MIR1182;FANR_031593;NTSS200;Body
cg23002708	19	rs34998465	ATG4D;MIR11 NM_032885;NT Body;TSS1500
cg19945937	14		MIR665 NR_030617 Body
cg07987890	15		MIR548H4 NR_031680 Body
cg02895602	14	rs76713753	MIR1185-2 NR_031571 TSS200
cg01630479	22		MIR1306;DGC NR_031706;NTSS1500;5'UT
cg24823137	19		MIR372;MIR5 NR_029865;NTSS1500;TSS2
cg12530503	15		MIR9-3 NR_029692 TSS200
cg02287710	14		DIO3;MIR124 NM_001362;NTSS200;TSS15
cg19646028	19		MIR7-3;C19orf1 NR_029607;NTSS1500;Bod
cg08131204	22		MIR1281 NR_031694 TSS1500
cg12885549	2		MIR548N NR_031666 Body
cg17109533	19		MIR515-2;MIR1 NR_030187;NTSS1500;TSS1
cg13965908	11		PPFIA1;PPFIA NM_003626;NT Body;Body;TS
cg04184179	5		MIR874;KLHL NR_030588;NTSS200;Body
cg18384960	14		MIR299;MIR4 NR_029841;NTSS1500;TSS2
cg22420044	7		MCM7;MCM7 NM_005916;NT Body;Body;TS
cg18588811	14		MIR377 NR_029869 TSS1500
cg26039305	11		MIR670 NR_031577 TSS1500
cg18319687	5		MIR1229;MG NR_031598;NTSS200;Body;
cg10822545	19		MIR181D;MIR6 NR_030179;NTSS200;Body
cg06083642	7		CHPF2;MIR67 NM_019015;NT Body;TSS1500
cg00565075	22		MIR659;EIF3L NR_030396;NTSS1500;TSS1

cg08508227	20		C20orf166;NM_178463; Body;TSS200
cg16621560	13		MIR548F5;DCNR_031646; Body;Body
cg15085006	3		DHX30;DHX31;NM_138615; Body;Body;TS
cg26171815	5		MIR580;LMB1;NR_030306; TSS1500;5'UT
cg10715527	8		ANK1;MIR484;NM_000037; 3'UTR;TSS200
cg07126399	14		MIR412;MIR5 NR_030155; TSS1500;TSS1
cg23257859	7	rs2923266	MIR550-2 NR_030320 TSS200
cg14892570	19		MIR1470;WIZ;NR_031716; TSS1500;5'UT
cg01572694	17		MIR10A NR_029608 TSS1500
cg17594424	15	rs11555369 rs1049531	MIR1282;SER;NR_031695; TSS200;3'UTF
cg00283662	19		MIR642;GIPR;NR_030372; TSS200;Body
cg11032038	16	rs80101105	MIR1826 NR_031727 TSS200
cg18645493	1		MIR190B NR_030600 TSS1500
cg19537184	19		MIR520C;MIF;NR_030198; TSS1500;TSS2
cg16572540	19		MIR24-2 NR_029497 TSS200
cg09393453	19		MIR517B;MIF;NR_030205; Body;TSS1500
cg16865908	11		LOC399959;NR_024430; Body;Body
cg09484214	19		MIR372;MIR5 NR_029865; TSS200;TSS15
cg09522706	7		MCM7;MCM7;NM_005916; Body;Body;TS
cg01273384	20		MIR1257 NR_031658 TSS1500
cg09994773	1		MIR34A NR_029610 TSS1500
cg11915671	19		TUBB4;MIR22;NM_006087; Body;TSS200
cg20333067	17		ZNF207;MIR6;NM_0010322 TSS1500;TSS2
cg27633139	4		MIR548I2 NR_031688 TSS1500
cg07429629	14		MIR494 NR_030174 TSS1500
cg16745104	20		MIR941-1;MI;NR_030637; TSS1500;TSS1
cg22806002	11		BTG4;MIR34C;NM_017589; TSS200;TSS15
cg24260710	22		MIR33A;SREB;NR_029507; TSS1500;Body
cg04155485	7		MIR589;FBXL;NR_030318; TSS1500;Body
cg20206204	12		MIR614 NR_030345 TSS1500
cg04114269	3		C3orf26;FILIP;NM_032359; Body;5'UTR;B
cg08264885	8	rs78882264	POLR3D;MIR3;NM_001722; Body;TSS1500
cg12846583	3		MIR1324 NR_031714 TSS1500
cg01729066	9		MIR600;C9orf;NR_030331; Body;Body
cg07236884	12		MIR614 NR_030345 TSS200
cg00328284	8		ANK1;ANK1;NM_020476; Body;Body;Bc
cg01521220	17	rs77574787	MIR1203;SKA;NR_031607; Body;Body;Bc
cg09538129	7		MIR25;MCM7;NR_029498; TSS1500;Body
cg02616186	1		NAV1;MIR12;NM_0011677 Body;TSS200;
cg00944580	1		DAB1;MIR54;NM_021080; 5'UTR;TSS150
cg01983504	20		PANK2;MIR1C;NM_153638; Body;TSS200;

cg24616828	7		MIR96	NR_029512	TSS200
cg11235787	17		MIR195	NR_029712	Body
cg26916936	11		LOC399959;M	NR_024430;M	Body;TSS200
cg01514668	11		MIR129-2	NR_029697	TSS1500
cg01965047	16		PKD1;MIR122	NM_0010099	Body;TSS1500
cg18340059	14		RTL1;MIR431	NM_0011348	1stExon;TSS200
cg19356389	6		RING1;MIR21	NM_002931;M	TSS1500;TSS1500
cg26180383	8		MIR1207;PVT	NR_031612;M	TSS1500;Body
cg01644741	20		MIR1259;SNC	NR_031660;M	Body;Body;Body
cg27495572	2	rs11896779	TTN;TTN;TTN	NM_133378;M	Body;Body;Body
cg25105745	1		MIR197	NR_029583	TSS1500
cg14431528	14		MIR453;MIR4	NR_029969;M	TSS1500;TSS1500
cg15212137	19		MIR519A1	NR_030218	TSS1500
cg05468584	10		MIR202	NR_030170	TSS200
cg09148270	11		BTG4;C11orf	NM_017589;M	TSS1500;TSS1500
cg14148088	14		MIR494	NR_030174	TSS200
cg03964851	5	rs77830550	MIR1974;C5c	NR_031738;M	TSS200;5'UTR
cg05066959	8	rs72638959	ANK1;ANK1;A	NM_020476;M	Body;Body;Body
cg14184693	15		SERF2;MIR12	NM_0010181	Body;Body
cg01734628	6		RDBP;SKIV2L;	NM_002904;M	Body;TSS1500
cg09422614	19		CACNG8;MIR	NM_031895;M	Body;TSS1500
cg12974668	6		MIR1275	NR_031681	TSS1500
cg21300318	19		MIR7-3;C19o	NR_029607;M	TSS1500;Body
cg01244514	14		MIR494	NR_030174	TSS200
cg26332552	3		MIR922;KIAA	NR_030627;M	TSS1500;Body
cg14674124	10	rs78846868	MIR202	NR_030170	TSS200
cg24082174	3		SNORA63;MII	NR_002586;M	TSS1500;TSS1500
cg19348206	10		MIR202	NR_030170	TSS200
cg16704590	20		C2orf199;C2	NR_003605;M	Body;Body;TS
cg09763180	10		MIR202	NR_030170	TSS200
cg11902380	12		MIR1228;LRP	NR_031597;M	TSS1500;Body
cg12029639	13		MIR548F5;NE	NR_031646;M	Body;Body;TS
cg03549146	16		MIR140;WWI	NR_029681;M	TSS200;Body;
cg06237697	17		MIR365-2	NR_029856	TSS200
cg16383389	1		MIR760	NR_030621	Body
cg27617225	8		CPSF1;MIR12	NM_013291;M	Body;TSS200
cg12446939	1		ASH1L;MIR55	NM_018489;M	Body;TSS1500
cg23068797	19		DNM2;MIR19	NM_004945;M	Body;TSS1500
cg19273756	17		SKA2;SKA2;M	NM_182620;M	Body;Body;TS

Relation_to_IDMR	Enhancer	CONT1	CONT2	CONT3	CONT4
S_Shore	NA	0.020081987	0.016656580	0.022576118	0.020730079
Island	NA	0.015667878	0.016804944	0.018756226	0.022210022
.500;5'UTR	NA	0.027968080	0.020501608	0.023168285	0.022339365
;5'UTR;TSS200	NA	0.017252039	0.023937871	0.015456373	0.017017360
Island	NA	0.017777390	0.019823577	0.014612273	0.015350735
Island	NA	0.023586105	0.024279664	0.020895129	0.016823852
Island	NA	0.022995723	0.024557346	0.021431194	0.026311146
Island	NA	0.030334216	0.024905751	0.017763166	0.014367370
Island	NA	0.018227038	0.022591813	0.019642475	0.025313483
;5'UTR;TSS1500	NA	0.027513338	0.018275248	0.019085640	0.021327418
Island	NA	0.023096929	0.033705024	0.022071265	0.027751256
Island	NA	0.029605287	0.036820453	0.036783205	0.035420253
N_Shore	NA	0.019144480	0.022260689	0.019316880	0.024203923
	NA	0.030193293	0.035563438	0.028881646	0.026300771
Island	NA	0.026220508	0.020606083	0.022064642	0.023321147
Island	NA	0.025840935	0.020897375	0.023993847	0.023619582
Island	NA	0.030279195	0.030455016	0.029913069	0.026506560
Island	NA	0.033769518	0.031979214	0.028075365	0.036042176
Island	DMR	0.035465610	0.031469238	0.022082291	0.027854577
Island	NA	0.029786126	0.021477580	0.025487568	0.024750865
Island	NA	0.043381009	0.035212510	0.040123442	0.043232631
Island	NA	0.039209792	0.037945690	0.038353308	0.026329060
Island	NA	0.033056443	0.041531331	0.041150253	0.037961859
Island	NA	0.040974484	0.025090475	0.029710346	0.024343749
Island	NA	0.023024216	0.029313263	0.029925139	0.021097640
Island	NA	0.041026054	0.032272462	0.032704599	0.027582861
S_Shore	NA	0.050790499	0.040916177	0.037359158	0.049975928
S_Shore	TRUE	0.053143890	0.059111402	0.044445962	0.043184300
Island	TRUE	0.047090486	0.040163661	0.042411288	0.045455739
N_Shore	NA	0.037960891	0.040536119	0.030763368	0.039642227
Island	DMR	0.055174369	0.060636571	0.058952194	0.055690526
Island	NA	0.055087265	0.073701581	0.063607993	0.058849323
.500;5'UTR	NA	0.039851622	0.038286796	0.031896941	0.029424940
Island	NA	0.048498324	0.036689557	0.028535794	0.030693061
S_Shelf	TRUE	0.072077994	0.083767789	0.071283014	0.064422270
Island	NA	0.037950127	0.041726826	0.036080463	0.033734597
N_Shore	NA	0.037371177	0.046061557	0.032357670	0.038566987
	NA	0.904479393	0.933816348	0.913396767	0.914194002
Island	NA	0.048226686	0.040000226	0.046191921	0.048997349
	NA	0.910760169	0.925376903	0.887678314	0.886833742

S_Shore	NA	0.056544618	0.066097004	0.049764854	0.057423351
!00	NA	0.897462396	0.933810578	0.899928970	0.896311338
	NA	0.891204876	0.909260607	0.889066180	0.871080187
S_Shore	NA	0.050713772	0.062283266	0.077428918	0.058269315
Island	NA	0.027366758	0.044432910	0.020810074	0.033764345
Island	NA	0.080047799	0.083905551	0.071151009	0.078138113
Island	NA	0.059895171	0.050774531	0.054557564	0.050550761
S_Shore	NA	0.913516902	0.926711589	0.875613162	0.928087516
N_Shore	NA	0.083099079	0.080915426	0.072768480	0.067383200
	NA	0.884847759	0.915981413	0.873463170	0.877548106
N_Shore	NA	0.076507769	0.073867634	0.053140238	0.054437809
Island	NA	0.044879592	0.046145224	0.041395606	0.044457896
	NA	0.884892887	0.901631069	0.866941956	0.862775750
Island	NA	0.135006862	0.129533553	0.121465604	0.117485519
	NA	0.906495777	0.899155608	0.890822844	0.872400769
	NA	0.870559134	0.892957336	0.900528071	0.885732834
N_Shore	NA	0.856560149	0.862606849	0.855895865	0.854145920
S_Shore	NA	0.068773384	0.062169880	0.058395704	0.066832338
	TRUE	0.867056902	0.892797429	0.871409626	0.856171295
)	NA	0.848014924	0.878946143	0.871910163	0.870124723
	TRUE	0.857071256	0.883742296	0.859063943	0.872331455
Island	NA	0.125325128	0.154908493	0.131028557	0.134469198
	NA	0.897562752	0.918057250	0.877568410	0.873531534
N_Shore	NA	0.830959300	0.812023246	0.761731170	0.811593228
!00;TSS1500	NA	0.819048199	0.897939582	0.845041934	0.852043927
Island	TRUE	0.107105794	0.149158561	0.106979147	0.124387086
Island	NA	0.052975406	0.073751009	0.088513762	0.101176782
γ	NA	0.084685600	0.128424872	0.098527654	0.117998291
N_Shore	NA	0.044680595	0.059179646	0.053458438	0.042564536
S_Shore	NA	0.037880388	0.051204669	0.046409626	0.041318161
.500	NA	0.903961979	0.919868115	0.870995067	0.834791085
!S1500	NA	0.829942425	0.858483832	0.779891175	0.801656604
	NA	0.845548331	0.852939983	0.824396535	0.857071530
!00	NA	0.838562392	0.837535504	0.789655413	0.817766463
!S200	NA	0.150477791	0.202593119	0.128279025	0.140670413
	NA	0.812377952	0.837525741	0.791796398	0.832447923
	TRUE	0.124436115	0.139032792	0.084042415	0.152483721
S_Shore	NA	0.807004263	0.845354254	0.805736992	0.816100662
S_Shore	NA	0.780872201	0.879518480	0.818780791	0.853007660
S_Shore	NA	0.388677225	0.414830197	0.337740987	0.361484364
N_Shore	NA	0.096217527	0.117560831	0.136475424	0.133921486

		NA	0.840651712	0.853285236	0.820408833	0.847435304
		TRUE	0.780522799	0.765041336	0.771230733	0.752449614
N_Shore		NA	0.837835262	0.828113717	0.766312602	0.815762186
N_Shore		NA	0.828446685	0.802962048	0.796798646	0.838690243
);Body;3'UTR;Body;Body;Bo		NA	0.821809515	0.798528690	0.750335983	0.819784976
N_Shore		NA	0.805699650	0.823841293	0.748278699	0.798345570
S_Shelf		NA	0.705434020	0.720020018	0.665894984	0.698528357
R	CDMR	NA	0.223703286	0.226530677	0.161150247	0.166967121
N_Shore	RDMR	NA	0.325206088	0.350210222	0.306912914	0.312926694
S_Shore		NA	0.586503673	0.649172609	0.578161103	0.572062282
N_Shelf		NA	0.841549204	0.834665121	0.799349937	0.779566295
Island		NA	0.579759563	0.583918750	0.495896441	0.497759418
		NA	0.683685060	0.686566961	0.670375823	0.658049117
!00		NA	0.404272329	0.403717216	0.381660048	0.362541450
S_Shelf		NA	0.599916270	0.662931519	0.558720929	0.624874302
)		NA	0.423320623	0.436654471	0.386402840	0.365245378
		TRUE	0.058683843	0.080164992	0.069153274	0.047010595
!00		NA	0.705541756	0.799895716	0.792065150	0.742516338
!S200;Body		NA	0.270185959	0.314069061	0.214080766	0.246232759
		NA	0.460429046	0.467097474	0.407668484	0.353112692
		NA	0.793646886	0.854205895	0.831231398	0.804493567
Island		NA	0.562002160	0.592288408	0.515801895	0.517667830
N_Shore		NA	0.316824966	0.335811537	0.294533699	0.309572869
		NA	0.542854950	0.524974248	0.486414315	0.503033873
		NA	0.804157720	0.822024718	0.808187944	0.805755561
N_Shore		NA	0.307665681	0.331581594	0.345643387	0.393168761
N_Shore		NA	0.315545459	0.337638594	0.294684315	0.316978140
γ		NA	0.718549031	0.750298275	0.619773962	0.671629637
S_Shore		NA	0.670318751	0.717375039	0.625049478	0.613789030
		NA	0.709764868	0.831022022	0.776885330	0.795513930
ody;5'UTR		TRUE	0.737716799	0.755371074	0.690173396	0.709373090
S_Shore		NA	0.407552298	0.425764172	0.388515507	0.393047241
		NA	0.746523206	0.736383938	0.753674737	0.710023803
		NA	0.241062689	0.223738924	0.167570435	0.151673949
		TRUE	0.544521464	0.662860846	0.539848708	0.576831525
ody;Body;Body;Body;Body;T		NA	0.727547794	0.699015182	0.719229954	0.748961833
ody		NA	0.507219889	0.466953652	0.451689492	0.374715722
γ;Body;TSS200;TSS1500		NA	0.439401774	0.467902672	0.371820906	0.455286292
Body		NA	0.768636202	0.776088773	0.683879713	0.698336932
!0		NA	0.646964121	0.742805582	0.755722449	0.731370591
Body;Body		TRUE	0.468246186	0.528771328	0.411593326	0.429221964

N_Shelf		NA	0.619169013	0.620317940	0.549157067	0.529257196
S_Shelf		NA	0.492285170	0.507969031	0.414857177	0.425628433
		TRUE	0.066528889	0.083200621	0.083587578	0.067433294
N_Shore	CDMR	TRUE	0.077790590	0.082967596	0.089736641	0.085770397
Island		NA	0.432798289	0.474855627	0.364367324	0.459256567
N_Shore		NA	0.553118622	0.583111489	0.500861364	0.491020910
N_Shore		NA	0.167160914	0.201724093	0.150945658	0.157404552
γ		TRUE	0.757838717	0.731057063	0.765757220	0.748180995
S_Shore	RDMR	NA	0.389846394	0.378102448	0.354883991	0.322067676
ody;Body;Body		NA	0.773203223	0.808425166	0.759249624	0.720330825
		NA	0.501693370	0.586360385	0.553165693	0.566107914
.500;TSS200		TRUE	0.738873058	0.796005660	0.682992781	0.688695389
		NA	0.601300501	0.666259253	0.604380235	0.570652209
		NA	0.631426479	0.635955515	0.601103005	0.562201072
N_Shore		NA	0.323546926	0.356354924	0.277538368	0.268608594
		NA	0.777354544	0.742230392	0.722039610	0.717967518
;5'UTR		NA	0.657099514	0.707457614	0.568261354	0.682545397
ody;Body;Body;Body;Body;T		NA	0.770869801	0.844389543	0.910892516	0.881622576
S_Shore		NA	0.497735421	0.515140873	0.510079027	0.463730553
N_Shore		NA	0.684633985	0.703934715	0.633836629	0.619246823
N_Shore		NA	0.524682174	0.638409569	0.666151954	0.660447816
		NA	0.478429778	0.563571450	0.442007598	0.537420680
γ		NA	0.218814417	0.319168082	0.217510540	0.291601275
		NA	0.566487481	0.635372509	0.552858509	0.609753666
γ;Body		NA	0.716635960	0.705489162	0.748209696	0.747326439
		NA	0.763241562	0.804200037	0.776685986	0.754931399
S_Shore	RDMR	NA	0.369974858	0.442613072	0.321275661	0.375764846
		NA	0.497669583	0.554195709	0.439563498	0.403313077
S_Shore	RDMR	NA	0.458437315	0.518768404	0.470684041	0.446593738
		NA	0.679864211	0.720727591	0.656116392	0.665915883
γ		NA	0.453868597	0.297615035	0.377244628	0.414432330
N_Shore	RDMR	NA	0.337832473	0.423247068	0.370383435	0.263324512
Body		NA	0.979105800	0.982017122	0.974426764	0.969636836
		NA	0.952134545	0.964630721	0.950773834	0.947843617
Island		NA	0.053956770	0.034766948	0.048659913	0.055113802
S_Shelf		NA	0.969437737	0.967997943	0.967482456	0.958119848
)		NA	0.948150686	0.946198505	0.925469515	0.949014531
);Body;Body;Body		NA	0.795467768	0.847906031	0.813162535	0.860331360
N_Shelf		NA	0.801179179	0.852797530	0.829629712	0.753283555

CONT5	CONT6	CONT7	CONT8	CONT9	DA1	DA2
0.023844927	0.025334590	0.024586415	0.025837752	0.023250725	0.023433390	0.026012643
0.016830285	0.021474076	0.022948674	0.021792394	0.020785708	0.023784845	0.021479513
0.018997640	0.025434018	0.021115870	0.019267683	0.022785497	0.028062786	0.022688815
0.019992166	0.022741515	0.017650369	0.021138137	0.017638498	0.019471047	0.017446755
0.016607144	0.019548987	0.018889149	0.016812559	0.016466229	0.018825542	0.028910550
0.023892128	0.027172182	0.022029522	0.025919123	0.025360447	0.024346309	0.024561492
0.019244574	0.025583466	0.027578937	0.030796691	0.032106200	0.030648630	0.032671214
0.015251647	0.026790851	0.017180364	0.022416535	0.023910202	0.025485287	0.028286581
0.024653621	0.029677052	0.023770710	0.026925058	0.031804188	0.024055207	0.028834717
0.020050709	0.023801563	0.020532931	0.021047090	0.023553877	0.030447722	0.028681542
0.024880364	0.024219737	0.023397828	0.020940725	0.026674919	0.029269255	0.032362350
0.032867431	0.044941548	0.041891937	0.039496712	0.041819297	0.042730221	0.038841785
0.018253191	0.024605306	0.025288430	0.024729754	0.021869456	0.029515087	0.035493348
0.024655584	0.038313797	0.031343343	0.035875438	0.027698770	0.028014984	0.036709174
0.019182358	0.028419651	0.023610400	0.036048486	0.018901803	0.019225630	0.025952657
0.028369031	0.041527825	0.026012288	0.033341822	0.032812956	0.021633155	0.046965381
0.027946860	0.029343320	0.031611738	0.029467013	0.032311717	0.030890563	0.033219426
0.027777848	0.037569153	0.024426143	0.031665208	0.039077059	0.033470549	0.042851325
0.032004992	0.045709593	0.030949009	0.046904734	0.040525850	0.038390967	0.036991389
0.026170617	0.028693265	0.031823348	0.026057400	0.030603632	0.043535515	0.039079528
0.035584526	0.039738152	0.047886752	0.034345668	0.047650356	0.043041521	0.042425462
0.024633963	0.044413490	0.034557534	0.047204789	0.036428171	0.037374871	0.042134609
0.035991315	0.045148422	0.050443723	0.052848165	0.040512807	0.047711099	0.050904287
0.024107696	0.035985086	0.026447917	0.031356585	0.027232291	0.027689091	0.045053912
0.029536889	0.028093019	0.021730852	0.022407737	0.032129696	0.033238237	0.038027808
0.035143328	0.042941569	0.038505660	0.043281261	0.042310508	0.046583881	0.045298367
0.041079523	0.048120508	0.054498851	0.046643400	0.052412910	0.044285614	0.068624178
0.047900717	0.057482333	0.050873922	0.058063651	0.056156720	0.061791821	0.067966335
0.046863764	0.040649271	0.047866598	0.046475106	0.052819374	0.056697304	0.053772836
0.026319439	0.032132690	0.049519360	0.037002100	0.037569471	0.041080960	0.037893309
0.063792395	0.074168461	0.062282399	0.068107730	0.065207540	0.062064066	0.066273546
0.069347049	0.061390554	0.058701366	0.063892466	0.071553471	0.082072601	0.070742871
0.032383500	0.036342912	0.026746577	0.035492236	0.034199072	0.043038631	0.045858124
0.035454989	0.047616540	0.037964893	0.053533004	0.038702756	0.029892020	0.042300009
0.063326458	0.066922174	0.069072881	0.078067984	0.086644724	0.094126763	0.092351226
0.025608876	0.041812364	0.033963206	0.050828929	0.035961970	0.034541929	0.042507384
0.026537115	0.082712582	0.046710866	0.051224548	0.037916592	0.043353615	0.042523947
0.881950281	0.894215966	0.912974077	0.929380736	0.914988115	0.915118933	0.920440597
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sd.CONT	max.DA	min.DA	sd.DA	diffmeth.p.val (Welch's t-test)
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KEGG pathway	p-value
Glycosaminoglycan biosynthesis - chondroitin sulfate	0.000000000000000
ErbB signaling pathway	0.00000000000000781
mTOR signaling pathway	0.00000006746155
Insulin signaling pathway	0.0000000779425
TGF-beta signaling pathway	0.00000268675
Acute myeloid leukemia	0.00001637666
Dorso-ventral axis formation	0.00003311146
Dopaminergic synapse	0.00004679336
Neurotrophin signaling pathway	0.00005811483
Gap junction	0.00007844055
Wnt signaling pathway	0.0001367145
Transcriptional misregulation in cancer	0.0003077745
Endocrine and other factor-regulated calcium reabsorption	0.0003916736
Glioma	0.0005503835
PI3K-Akt signaling pathway	0.0007617474
Prostate cancer	0.0007926991
Focal adhesion	0.0008046906
MAPK signaling pathway	0.001499682
Colorectal cancer	0.00183516
Long-term potentiation	0.002195478
Long-term depression	0.002274003
Endometrial cancer	0.002487843
Adherens junction	0.00264312
Fc gamma R-mediated phagocytosis	0.0027016
Chronic myeloid leukemia	0.003697233
Mucin type O-Glycan biosynthesis	0.005987828
GnRH signaling pathway	0.007581879
Pathways in cancer	0.01260286
Hepatitis B	0.01410429
Glutamatergic synapse	0.01583876
Regulation of actin cytoskeleton	0.01789224
Non-small cell lung cancer	0.01850767
Axon guidance	0.03099447
Pancreatic cancer	0.03459055
Serotonergic synapse	0.03734403
Notch signaling pathway	0.03924985
HTLV-I infection	0.04108313

ErbB signaling pathway (hsa04012)

	p value
hsa-miR-34b-3p microT-CDS	0.00000079
hsa-miR-34c-3p microT-CDS	0.00002045
hsa-miR-144-3p microT-CDS	0.00229325
hsa-miR-34b-5p microT-CDS	0.00308727
hsa-miR-34a-5p microT-CDS	0.00808990
hsa-miR-146b-3p microT-CDS	0.01554508
hsa-miR-146b-5p microT-CDS	0.01784331
hsa-miR-181d microT-CDS	0.02009958
hsa-miR-451a microT-CDS	0.02149957
hsa-miR-34c-5p microT-CDS	0.02552946
hsa-miR-181c-5p microT-CDS	0.02763107

#genes

#miRNAs

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17	5
45	4
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20	4
20	7
18	3
17	6
15	4
14	3
17	4
3	2
14	2
40	2
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16	2
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14	3
26	3
19	4
22	3
9	4
21	1

target genes

	Gene Name	Gene Ensembl id
7	CBLB;SOS1;G	ENSG00000114423;ENSG00000115904;ENSG00000109
6	GSK3B;PAK2;I	ENSG00000082701;ENSG00000180370;ENSG0000011
9	GSK3B;PIK3CI	ENSG00000082701;ENSG00000051382;ENSG00000101
5	MYC;NRG3;SI	ENSG00000136997;ENSG00000185737;ENSG00000197
6	ERBB2;AREGE	ENSG00000141736;ENSG00000205595;ENSG00000051
5	BRAF;PAK7;R	ENSG00000157764;ENSG00000101349;ENSG00000132
4	CAMK2D;NRA	ENSG00000145349;ENSG00000213281;ENSG00000143
5	CAMK2D;CRK	ENSG00000145349;ENSG00000167193;ENSG00000117
1	EREG	ENSG00000124882
3	ERBB2;AREGE	ENSG00000141736;ENSG00000205595;ENSG00000169
5	CRK;PIK3R3;A	ENSG00000167193;ENSG00000117461;ENSG00000117

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1032

17020;ENSG00000169032;ENSG00000108443

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