

Supplemental Table 1. Full Orblid prediction set for TE-derived annotations refer to RepBase^{42, 43} identifiers except for RF numb both the target mRNA and consensus TE progenitor. “Region” re Gene ID” and “Gene Name” were obtained using the Biomart mi

miR Name	Ensembl Gene ID	Gene Name
hsa-mir-1202	ENSG00000113552	GNPDA1
hsa-mir-1202	ENSG00000119927	GPAM
hsa-mir-1202	ENSG00000136193	SCRN1
hsa-mir-1202	ENSG00000163328	GPR155
hsa-mir-1202	ENSG00000165219	GAPVD1
hsa-mir-1202	ENSG00000122786	CALD1
hsa-mir-1202	ENSG00000106003	LFNG
hsa-mir-1202	ENSG00000122786	CALD1
hsa-mir-1224_3p	ENSG00000196507	TCEAL3
hsa-mir-1224_3p	ENSG00000198759	EGFL6
hsa-mir-1224_3p	ENSG00000204071	TCEAL6
hsa-mir-1224_3p	ENSG00000145321	GC
hsa-mir-1224_5p	ENSG00000160439	RDH13
hsa-mir-1224_5p	ENSG00000196465	MYL6B
hsa-mir-1227	ENSG00000062485	CS
hsa-mir-1227	ENSG00000196387	ZNF140
hsa-mir-1227	ENSG00000213694	S1PR3
hsa-mir-1227	LRG_101	RFX5
hsa-mir-1231	ENSG00000156113	KCNMA1
hsa-mir-1246	ENSG00000154175	ABI3BP
hsa-mir-1246	ENSG00000198646	NCOA6
hsa-mir-1246	ENSG00000197846	HIST1H2BF
hsa-mir-1246	ENSG00000163818	LZTFL1
hsa-mir-1246	ENSG00000184351	KRTAP19-1
hsa-mir-1246	ENSG00000198646	NCOA6
hsa-mir-1249	ENSG00000143776	CDC42BPA
hsa-mir-1249	ENSG00000181234	TMEM132C
hsa-mir-1254-1	ENSG00000081760	AACS
hsa-mir-1254-1	ENSG00000167077	MEI1

hsa-mir-1254-1	ENSG00000238035	AC138035.1
hsa-mir-1254-1	ENSG00000160991	ORAI2
hsa-mir-1255a	ENSG00000177311	ZBTB38
hsa-mir-1255a	ENSG00000121350	PYROXD1
hsa-mir-1255b-2_3p	ENSG00000139218	SCAF11
hsa-mir-1255b-2_3p	ENSG00000221944	TIGD1
hsa-mir-1255b-2_3p	ENSG00000165732	DDX21
hsa-mir-1255b-2_3p	ENSG00000168522	FNTA
hsa-mir-1255b-2_3p	ENSG00000241043	TIGD1L2
hsa-mir-1256	ENSG00000139218	SCAF11
hsa-mir-1256	ENSG00000177058	SLC38A9
hsa-mir-1260b	ENSG00000184384	MAML2
hsa-mir-1261	ENSG00000221944	TIGD1
hsa-mir-1263	ENSG00000166748	AGBL1
hsa-mir-1267	ENSG00000241635	UGT1A1
hsa-mir-1267	ENSG00000124092	CTCFL
hsa-mir-1267	ENSG00000138459	SLC35A5
hsa-mir-1267	ENSG00000153140	CETN3
hsa-mir-1267	ENSG00000162769	FLVCR1
hsa-mir-1267	ENSG00000151576	QTRTD1
hsa-mir-1268a	ENSG00000105519	CAPS
hsa-mir-1268a	ENSG00000110987	BCL7A
hsa-mir-1268a	ENSG00000110987	BCL7A
hsa-mir-1268a	ENSG00000121542	SEC22A
hsa-mir-1268a	ENSG00000123358	NR4A1
hsa-mir-1268a	ENSG00000132517	GPR172B
hsa-mir-1268a	ENSG00000134824	FADS2
hsa-mir-1268a	ENSG00000138111	TMEM180
hsa-mir-1268a	ENSG00000156869	FRRS1
hsa-mir-1268a	ENSG00000164733	CTSB
hsa-mir-1268a	ENSG00000166526	ZNF3
hsa-mir-1268a	ENSG00000170445	HARS
hsa-mir-1268a	ENSG00000171462	DLK2
hsa-mir-1268a	ENSG00000176020	AMIGO3
hsa-mir-1268a	ENSG00000176783	RUFY1
hsa-mir-1268a	ENSG00000176915	ANKLE2

hsa-mir-1268a	ENSG00000176915	ANKLE2
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hsa-mir-1268a	ENSG00000110497	AMBRA1
hsa-mir-1268a	ENSG00000257983	CR388372.6
hsa-mir-1268a	ENSG00000258307	BX000360.1
hsa-mir-1268a	ENSG00000258293	CR759942.1
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hsa-mir-1268a	ENSG00000258176	BX119924.2
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hsa-mir-1268a	ENSG00000102158	MAGT1
hsa-mir-1268a	ENSG00000076053	RBM7
hsa-mir-1268a	ENSG00000178665	ZNF713
hsa-mir-1268a	ENSG00000240694	PNMA2
hsa-mir-1268a	ENSG00000162419	GMEB1
hsa-mir-1269a	ENSG00000197891	SLC22A12
hsa-mir-1269a	ENSG00000171914	TLN2
hsa-mir-1271_3p	ENSG00000108950	FAM20A
hsa-mir-1271_3p	ENSG00000135632	SMYD5
hsa-mir-1271_3p	ENSG00000149100	EIF3M
hsa-mir-1271_3p	ENSG00000134046	MBD2
hsa-mir-1271_3p	ENSG00000101290	CDS2
hsa-mir-1271_3p	ENSG00000112242	E2F3
hsa-mir-1271_3p	ENSG00000116604	MEF2D
hsa-mir-1271_3p	ENSG00000135387	CAPRIN1
hsa-mir-1271_3p	ENSG00000229684	TUBB
hsa-mir-1272	ENSG00000110768	GTF2H1
hsa-mir-1272	ENSG00000186635	ARAP1
hsa-mir-1273a	ENSG00000026103	FAS
hsa-mir-1273a	ENSG00000076555	ACACB
hsa-mir-1273a	ENSG00000081760	AACS
hsa-mir-1273a	ENSG00000081760	AACS
hsa-mir-1273a	ENSG00000105519	CAPS
hsa-mir-1273a	ENSG00000110801	PSMD9
hsa-mir-1273a	ENSG00000115641	FHL2
hsa-mir-1273a	ENSG00000134824	FADS2
hsa-mir-1273a	ENSG00000143373	ZNF687

hsa-mir-1273a	ENSG00000159788	RGS12
hsa-mir-1273a	ENSG00000162144	CYBASC3
hsa-mir-1273a	ENSG00000162711	NLRP3
hsa-mir-1273a	ENSG00000164733	CTSB
hsa-mir-1273a	ENSG00000167904	TMEM68
hsa-mir-1273a	ENSG00000170445	HARS
hsa-mir-1273a	ENSG00000185324	CDK10
hsa-mir-1273a	ENSG00000185344	ATP6V0A2
hsa-mir-1273a	ENSG00000185344	ATP6V0A2
hsa-mir-1273a	ENSG00000185917	SETD4
hsa-mir-1273a	ENSG00000198393	ZNF26
hsa-mir-1273a	ENSG00000198646	NCOA6
hsa-mir-1273a	ENSG00000204410	MSH5
hsa-mir-1273a	ENSG00000204531	POU5F1
hsa-mir-1273a	ENSG00000205786	AC002511.1
hsa-mir-1273a	ENSG00000242028	C15orf63
hsa-mir-1273a	ENSG00000203286	AL365202.1
hsa-mir-1273a	ENSG00000203443	AC092964.1
hsa-mir-1273a	ENSG00000161929	SCIMP
hsa-mir-1273a	ENSG00000213993	AC092067.1
hsa-mir-1273a	ENSG00000181264	TMEM136
hsa-mir-1273a	ENSG00000168243	GNG4
hsa-mir-1273a	ENSG00000077254	USP33
hsa-mir-1273a	ENSG00000049883	PTCD2
hsa-mir-1273a	ENSG00000189298	ZKSCAN3
hsa-mir-1273a	ENSG00000258311	RP11-644F5.10.1
hsa-mir-1273a	ENSG00000166822	TMEM170A
hsa-mir-1273a	ENSG00000188522	FAM83G
hsa-mir-1273a	ENSG00000152700	SAR1B
hsa-mir-1273a	ENSG00000197343	ZNF655
hsa-mir-1273a	ENSG00000152700	SAR1B
hsa-mir-1273a	ENSG00000108825	AARSD1
hsa-mir-1273a	ENSG00000169914	OTUD3
hsa-mir-1273a	ENSG00000196236	XPNPEP3
hsa-mir-1273c	ENSG00000143373	ZNF687
hsa-mir-1273d	ENSG00000063978	RNF4

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hsa-mir-1273d	ENSG00000081760	AACS
hsa-mir-1273d	ENSG00000093000	NUP50
hsa-mir-1273d	ENSG00000102384	CENPI
hsa-mir-1273d	ENSG00000110801	PSMD9
hsa-mir-1273d	ENSG00000138111	TMEM180
hsa-mir-1273d	ENSG00000143373	ZNF687
hsa-mir-1273d	ENSG00000151320	AKAP6
hsa-mir-1273d	ENSG00000180902	D2HGDH
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hsa-mir-1273d	ENSG00000185024	BRF1
hsa-mir-1273d	ENSG00000185024	BRF1
hsa-mir-1273d	ENSG00000198646	NCOA6
hsa-mir-1273d	ENSG00000204172	AGAP10
hsa-mir-1273d	ENSG00000213903	LTB4R
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hsa-mir-1273d	ENSG00000233538	AC017104.2.1
hsa-mir-1273d	ENSG00000177324	BEND2
hsa-mir-1273d	ENSG00000175782	SLC35E3
hsa-mir-1273d	ENSG00000077254	USP33
hsa-mir-1273d	ENSG00000180758	GPR157
hsa-mir-1273d	ENSG00000196459	TRAPPC2
hsa-mir-1273d	ENSG00000138185	ENTPD1
hsa-mir-1273d	ENSG00000137413	TAF8
hsa-mir-1273d	ENSG00000198252	STYX
hsa-mir-1273d	ENSG00000134042	MRO
hsa-mir-1273d	ENSG00000167984	NLRC3
hsa-mir-1273d	ENSG00000017373	SRCIN1
hsa-mir-1273d	ENSG00000132570	PCBD2
hsa-mir-1273d	ENSG00000152939	MARVELD2
hsa-mir-1277_3p	ENSG00000113448	PDE4D
hsa-mir-1277_3p	ENSG00000215066	C9orf38
hsa-mir-1277_3p	ENSG00000236112	AC006035.2
hsa-mir-1277_3p	ENSG00000085185	BCORL1
hsa-mir-1277_3p	ENSG00000123124	WWP1
hsa-mir-1277_5p	ENSG00000070159	PTPN3

hsa-mir-1277_5p	ENSG00000113448	PDE4D
hsa-mir-1277_5p	ENSG00000115963	RND3
hsa-mir-1277_5p	ENSG00000115963	RND3
hsa-mir-1277_5p	ENSG00000183484	GPR132
hsa-mir-1277_5p	ENSG00000196935	SRGAP1
hsa-mir-1277_5p	ENSG00000196935	SRGAP1
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hsa-mir-1277_5p	ENSG00000106125	FAM188B
hsa-mir-1277_5p	ENSG00000085185	BCORL1
hsa-mir-1277_5p	ENSG00000112276	BVES
hsa-mir-1277_5p	ENSG00000157837	SPPL3.1
hsa-mir-1277_5p	ENSG00000179820	MYADM
hsa-mir-1277_5p	ENSG00000173926	MARCH3
hsa-mir-1277_5p	ENSG00000100346	CACNA1I
hsa-mir-1277_5p	ENSG00000100346	CACNA1I
hsa-mir-1277_5p	ENSG00000132846	ZBED3
hsa-mir-1277_5p	ENSG00000112276	BVES
hsa-mir-1277_5p	ENSG00000163605	PPP4R2
hsa-mir-1277_5p	ENSG00000168916	ZNF608
hsa-mir-1277_5p	ENSG00000144644	GADL1
hsa-mir-1277_5p	ENSG00000109381	ELF2
hsa-mir-1277_5p	ENSG00000137504	CREBZF
hsa-mir-1277_5p	ENSG00000139800	ZIC5
hsa-mir-1277_5p	ENSG00000123411	IKZF4
hsa-mir-1277_5p	ENSG00000144644	GADL1
hsa-mir-1277_5p	ENSG00000109381	ELF2
hsa-mir-1277_5p	ENSG00000139800	ZIC5
hsa-mir-1277_5p	ENSG00000168779	SHOX2
hsa-mir-1277_5p	ENSG00000163291	PAQR3
hsa-mir-1277_5p	ENSG00000138756	BMP2K
hsa-mir-1277_5p	ENSG00000067167	TRAM1
hsa-mir-1277_5p	ENSG00000198932	GPRASP1
hsa-mir-1277_5p	ENSG00000168779	SHOX2

hsa-mir-1277_5p	ENSG00000067167	TRAM1
hsa-mir-1277_5p	ENSG00000163291	PAQR3
hsa-mir-1277_5p	ENSG00000179820	MYADM
hsa-mir-1277_5p	ENSG00000138756	BMP2K
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hsa-mir-1277_5p	ENSG00000174899	C3orf55
hsa-mir-1277_5p	ENSG00000124942	AHNAK
hsa-mir-1277_5p	ENSG00000163625	WDFY3
hsa-mir-1277_5p	ENSG00000118260	CREB1
hsa-mir-1277_5p	ENSG00000230055	CISD3
hsa-mir-1277_5p	ENSG00000174780	SRP72
hsa-mir-1277_5p	ENSG00000132846	ZBED3
hsa-mir-1277_5p	ENSG00000079387	SENP1
hsa-mir-1277_5p	ENSG00000151338	MIPOL1
hsa-mir-1277_5p	ENSG00000178662	CSRNP3
hsa-mir-1277_5p	ENSG00000096093	EFHC1
hsa-mir-1277_5p	ENSG00000139625	MAP3K12
hsa-mir-1277_5p	ENSG00000011454	RABGAP1
hsa-mir-1277_5p	ENSG00000169836	TACR3
hsa-mir-1277_5p	ENSG00000168769	TET2
hsa-mir-1277_5p	ENSG00000174780	SRP72
hsa-mir-1277_5p	ENSG00000144635	DYNC1LI1
hsa-mir-1277_5p	ENSG00000185924	RTN4RL1
hsa-mir-1277_5p	ENSG00000158467	AHCYL2
hsa-mir-1277_5p	ENSG00000175785	PRIMA1
hsa-mir-1277_5p	ENSG00000171843	MLLT3
hsa-mir-1277_5p	ENSG00000106459	NRF1
hsa-mir-1277_5p	ENSG00000137504	CREBZF
hsa-mir-1277_5p	ENSG00000156103	MMP16
hsa-mir-1277_5p	ENSG00000076770	MBNL3
hsa-mir-1277_5p	ENSG00000015153	YAF2
hsa-mir-1277_5p	ENSG00000132694	ARHGEF11
hsa-mir-1277_5p	ENSG00000153936	HS2ST1
hsa-mir-1277_5p	ENSG00000132694	ARHGEF11
hsa-mir-1277_5p	ENSG00000096093	EFHC1

hsa-mir-1277_5p	ENSG00000096093	EFHC1
hsa-mir-1277_5p	ENSG00000139800	ZIC5
hsa-mir-1277_5p	ENSG00000196323	ZBTB44
hsa-mir-1277_5p	ENSG00000154114	TBCEL
hsa-mir-1277_5p	ENSG00000123411	IKZF4
hsa-mir-1277_5p	ENSG00000176542	KIAA2018
hsa-mir-1277_5p	ENSG00000144644	GADL1
hsa-mir-1277_5p	ENSG00000164086	DUSP7
hsa-mir-1277_5p	ENSG00000079387	SENP1
hsa-mir-1277_5p	ENSG00000183117	CSMD1
hsa-mir-1277_5p	ENSG00000109381	ELF2
hsa-mir-1277_5p	ENSG00000137504	CREBZF
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hsa-mir-1277_5p	ENSG00000198932	GPRASP1
hsa-mir-1277_5p	ENSG00000117523	PRRC2C
hsa-mir-1277_5p	ENSG00000174780	SRP72
hsa-mir-1277_5p	ENSG00000100346	CACNA1I
hsa-mir-1277_5p	ENSG00000132846	ZBED3
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hsa-mir-1277_5p	ENSG00000163605	PPP4R2
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hsa-mir-1277_5p	ENSG00000100346	CACNA1I
hsa-mir-1277_5p	ENSG00000174780	SRP72
hsa-mir-1277_5p	ENSG00000205730	ITPRIPL2
hsa-mir-1285-1_3p	ENSG00000131370	SH3BP5
hsa-mir-1285-1_3p	ENSG00000185024	BRF1
hsa-mir-1285-1_3p	ENSG00000070081	NUCB2
hsa-mir-1285-1_3p	ENSG00000070081	NUCB2
hsa-mir-1285-1_3p	ENSG00000100600	LGMN
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hsa-mir-1285-1_3p	ENSG00000105519	CAPS
hsa-mir-1285-1_3p	ENSG00000111725	PRKAB1
hsa-mir-1285-1_3p	ENSG00000118096	IFT46
hsa-mir-1285-1_3p	ENSG00000138075	ABCG5

hsa-mir-1285-1_3p	ENSG00000162194	C11orf48
hsa-mir-1285-1_3p	ENSG00000170445	HARS
hsa-mir-1285-1_3p	ENSG00000182326	C1S
hsa-mir-1285-1_3p	ENSG00000182326	C1S
hsa-mir-1285-1_3p	ENSG00000188368	PRR19
hsa-mir-1285-1_3p	ENSG00000196652	ZKSCAN5
hsa-mir-1285-1_3p	ENSG00000205036	C16orf85
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hsa-mir-1285-1_3p	ENSG00000228006	AC004017.1
hsa-mir-1285-1_3p	ENSG00000239857	GET4
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hsa-mir-1285-1_3p	ENSG00000087884	C11orf67
hsa-mir-1285-1_3p	ENSG00000138075	ABCG5
hsa-mir-1285-1_3p	ENSG00000114904	NEK4
hsa-mir-1285-1_3p	ENSG00000163915	C3orf65
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hsa-mir-1285-1_3p	ENSG00000257448	AC074378.3
hsa-mir-1285-1_3p	ENSG00000122970	IFT81
hsa-mir-1285-1_3p	ENSG00000257561	AC138688.4
hsa-mir-1285-1_3p	ENSG00000161265	U2AF1L4
hsa-mir-1285-1_3p	ENSG00000203286	AL365202.1
hsa-mir-1285-1_3p	ENSG00000163322	FAM175A
hsa-mir-1285-1_3p	ENSG00000167555	ZNF528
hsa-mir-1285-1_3p	ENSG00000163945	KIAA1530
hsa-mir-1285-1_3p	ENSG00000170959	DCDC5
hsa-mir-1285-1_3p	ENSG00000160991	ORAI2
hsa-mir-1285-1_3p	ENSG00000188000	OR7D2
hsa-mir-1285-1_3p	ENSG00000144218	AFF3
hsa-mir-1285-1_3p	ENSG00000179240	RP11-111M22.2.1
hsa-mir-1285-1_3p	ENSG00000186431	FCAR
hsa-mir-1285-1_5p	ENSG00000070601	FRMPD1
hsa-mir-1285-1_5p	ENSG00000081760	AACS

hsa-mir-1285-1_5p	ENSG00000081760	AACS
hsa-mir-1285-1_5p	ENSG00000092094	OSGEP
hsa-mir-1285-1_5p	ENSG00000133961	NUMB
hsa-mir-1285-1_5p	ENSG00000137135	C9orf100
hsa-mir-1285-1_5p	ENSG00000142405	NLRP12
hsa-mir-1285-1_5p	ENSG00000149485	FADS1
hsa-mir-1285-1_5p	ENSG00000169155	ZBTB43
hsa-mir-1285-1_5p	ENSG00000177084	POLE
hsa-mir-1285-1_5p	ENSG00000182718	ANXA2
hsa-mir-1285-1_5p	ENSG00000184575	XPOT
hsa-mir-1285-1_5p	ENSG00000205036	C16orf85
hsa-mir-1285-1_5p	ENSG00000128512	DOCK4
hsa-mir-1285-1_5p	ENSG00000125741	OPA3
hsa-mir-1285-1_5p	ENSG00000137135	C9orf100
hsa-mir-1285-1_5p	ENSG00000105523	FAM83E
hsa-mir-1285-1_5p	ENSG00000093144	ECHDC1
hsa-mir-1285-1_5p	ENSG00000172116	CD8B
hsa-mir-1285-1_5p	ENSG00000169239	CA5B
hsa-mir-1285-1_5p	ENSG00000179059	ZFP42
hsa-mir-1285-1_5p	ENSG00000186684	CYP27C1
hsa-mir-1285-2_3p	ENSG00000004838	ZMYND10
hsa-mir-1285-2_3p	ENSG00000070081	NUCB2
hsa-mir-1285-2_3p	ENSG00000105519	CAPS
hsa-mir-1285-2_3p	ENSG00000163050	ADCK3
hsa-mir-1285-2_3p	ENSG00000175581	MRPL48
hsa-mir-1285-2_3p	ENSG00000185024	BRF1
hsa-mir-1285-2_3p	ENSG00000188368	PRR19
hsa-mir-1285-2_3p	ENSG00000196652	ZKSCAN5
hsa-mir-1285-2_3p	ENSG00000168003	SLC3A2
hsa-mir-1285-2_3p	ENSG00000162461	SLC25A34
hsa-mir-1285-2_3p	ENSG00000113262	GRM6
hsa-mir-1285-2_3p	ENSG00000170006	TMEM154
hsa-mir-1285-2_3p	ENSG00000103319	EEF2K
hsa-mir-1289-1	ENSG00000164733	CTSB
hsa-mir-1289-2	ENSG00000236287	ZBED5
hsa-mir-1289-2	ENSG00000135931	ARMC9

hsa-mir-1289-2	ENSG00000164251	F2RL1
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hsa-mir-1289-2	ENSG00000144644	GADL1
hsa-mir-1289-2	ENSG00000173681	CXorf23
hsa-mir-1289-2	ENSG00000177000	MTHFR
hsa-mir-1291	ENSG00000179532	DNHD1
hsa-mir-1291	ENSG00000164068	RNF123
hsa-mir-1299	ENSG00000004948	CALCR
hsa-mir-1299	ENSG00000121073	SLC35B1
hsa-mir-1302-10	ENSG00000173889	PHC3
hsa-mir-1303	ENSG00000081760	AACS
hsa-mir-1303	ENSG00000169155	ZBTB43
hsa-mir-1303	ENSG00000111271	ACAD10
hsa-mir-1303	ENSG00000076944	STXBP2
hsa-mir-1303	ENSG00000167216	KATNAL2
hsa-mir-1303	ENSG00000090470	PDCD7
hsa-mir-1303	ENSG00000167332	OR51E2
hsa-mir-1303	ENSG00000101695	RNF125
hsa-mir-1303	ENSG00000144559	TAMM41
hsa-mir-1303	ENSG00000144815	FAM55C
hsa-mir-1303	ENSG00000174428	GTF2IRD2B
hsa-mir-1303	ENSG00000196275	GTF2IRD2
hsa-mir-1303	ENSG00000160993	ALKBH4
hsa-mir-1304_3p	ENSG00000122970	IFT81
hsa-mir-1304_3p	ENSG00000160049	DFFA
hsa-mir-1304_3p	ENSG00000179059	ZFP42
hsa-mir-1304_3p	ENSG00000182919	C11orf54
hsa-mir-1304_3p	ENSG00000134398	ERN2
hsa-mir-1304_3p	ENSG00000186001	LRCH3
hsa-mir-1304_5p	ENSG00000109685	WHSC1
hsa-mir-1304_5p	ENSG00000111670	GNPTAB
hsa-mir-1304_5p	ENSG00000183888	C1orf64
hsa-mir-1304_5p	ENSG00000162961	DPY30
hsa-mir-1321	ENSG00000135052	GOLM1
hsa-mir-1321	ENSG00000183977	PP2D1
hsa-mir-1321	ENSG00000131379	C3orf20

hsa-mir-1321	ENSG00000094916	CBX5
hsa-mir-151a_3p	ENSG00000221986	MYBPHL
hsa-mir-151a_5p	ENSG00000164136	IL15
hsa-mir-151a_5p	ENSG00000112139	MDGA1
hsa-mir-151a_5p	ENSG00000117598	LPPR5.1
hsa-mir-151a_5p	ENSG00000123472	ATPAF1
hsa-mir-151a_5p	ENSG00000108309	RUNDC3A
hsa-mir-151a_5p	ENSG00000106608	URGCP
hsa-mir-151a_5p	ENSG00000134046	MBD2
hsa-mir-151a_5p	ENSG00000102921	N4BP1
hsa-mir-151a_5p	ENSG00000197930	ERO1L
hsa-mir-151a_5p	ENSG00000152578	GRIA4
hsa-mir-151a_5p	ENSG00000052841	TTC17
hsa-mir-151a_5p	ENSG00000124466	LYPD3
hsa-mir-151a_5p	ENSG00000169016	E2F6
hsa-mir-151a_5p	ENSG00000135999	EPC2
hsa-mir-16-1_3p	ENSG00000076067	RBMS2
hsa-mir-16-1_3p	ENSG00000132874	SLC14A2
hsa-mir-16-1_3p	ENSG00000164136	IL15
hsa-mir-16-1_3p	ENSG00000118307	CASC1
hsa-mir-16-1_3p	ENSG00000139915	MDGA2
hsa-mir-16-1_3p	ENSG00000118307	CASC1
hsa-mir-1913	ENSG00000177000	MTHFR
hsa-mir-1913	ENSG00000183496	MEX3B
hsa-mir-1915_3p	ENSG00000063978	RNF4
hsa-mir-1915_3p	ENSG00000101190	TCFL5
hsa-mir-1915_3p	ENSG00000146063	TRIM41
hsa-mir-1915_3p	ENSG00000184557	SOCS3
hsa-mir-1915_3p	LRG_226	TBX1
hsa-mir-1915_5p	ENSG00000100031	GGT1
hsa-mir-1915_5p	ENSG00000106336	FBXO24
hsa-mir-1915_5p	ENSG00000119242	CCDC92
hsa-mir-1915_5p	ENSG00000133475	GGT2
hsa-mir-1915_5p	ENSG00000139517	LNX2
hsa-mir-1972-1	ENSG00000081760	AACS
hsa-mir-1972-1	ENSG00000081760	AACS

hsa-mir-1972-1	ENSG00000089060	SLC24A6
hsa-mir-1972-1	ENSG00000104408	EIF3E
hsa-mir-1972-1	ENSG00000105221	AKT2
hsa-mir-1972-1	ENSG00000117640	FAM54B
hsa-mir-1972-1	ENSG00000130640	TUBGCP2
hsa-mir-1972-1	ENSG00000131374	TBC1D5
hsa-mir-1972-1	ENSG00000132517	GPR172B
hsa-mir-1972-1	ENSG00000140104	C14orf79
hsa-mir-1972-1	ENSG00000144619	CNTN4
hsa-mir-1972-1	ENSG00000162241	SLC25A45
hsa-mir-1972-1	ENSG00000162711	NLRP3
hsa-mir-1972-1	ENSG00000165209	STRBP
hsa-mir-1972-1	ENSG00000166448	TMEM130
hsa-mir-1972-1	ENSG00000167986	DDB1
hsa-mir-1972-1	ENSG00000170445	HARS
hsa-mir-1972-1	ENSG00000174233	ADCY6
hsa-mir-1972-1	ENSG00000176681	LRRC37A
hsa-mir-1972-1	ENSG00000180902	D2HGDH
hsa-mir-1972-1	ENSG00000185024	BRF1
hsa-mir-1972-1	ENSG00000185024	BRF1
hsa-mir-1972-1	ENSG00000185024	BRF1
hsa-mir-1972-1	ENSG00000185024	BRF1
hsa-mir-1972-1	ENSG00000185324	CDK10
hsa-mir-1972-1	ENSG00000186318	BACE1
hsa-mir-1972-1	ENSG00000188368	PRR19
hsa-mir-1972-1	ENSG00000197859	ADAMTSL2
hsa-mir-1972-1	ENSG00000198646	NCOA6
hsa-mir-1972-1	ENSG00000204172	AGAP10
hsa-mir-1972-1	ENSG00000204410	MSH5
hsa-mir-1972-1	ENSG00000204628	GNB2L1
hsa-mir-1972-1	ENSG00000213599	SULT1A3
hsa-mir-1972-1	ENSG00000213648	SULT1A4
hsa-mir-1972-1	ENSG00000235569	MSH5
hsa-mir-1972-1	ENSG00000254081	CTD-3025N20.2.1
hsa-mir-1972-1	ENSG00000258947	RP11-566K11.2.1
hsa-mir-1972-1	ENSG00000258947	RP11-566K11.2.1

hsa-mir-1972-1	ENSG00000257409	CR788282.2
hsa-mir-1972-1	ENSG00000257459	CR388382.1
hsa-mir-1972-1	ENSG00000166575	TMEM135
hsa-mir-1972-1	ENSG00000162946	DISC1
hsa-mir-1972-1	ENSG00000179912	R3HDM2
hsa-mir-1972-1	ENSG00000130985	UBA1
hsa-mir-1972-1	ENSG00000212670	AL161915.1
hsa-mir-1972-1	ENSG00000163110	PDLIM5
hsa-mir-1972-1	ENSG00000203286	AL365202.1
hsa-mir-1972-1	ENSG00000257349	AL844220.2
hsa-mir-1972-1	ENSG00000126562	WNK4
hsa-mir-1972-1	ENSG00000196917	HCAR1
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hsa-mir-1972-1	ENSG00000170088	TMEM192
hsa-mir-1972-1	ENSG00000103313	MEFV
hsa-mir-1972-1	ENSG00000175898	S1PR2
hsa-mir-1972-1	ENSG00000162408	NOL9
hsa-mir-1972-1	ENSG00000204524	ZNF805
hsa-mir-1972-1	ENSG00000127483	HP1BP3
hsa-mir-1972-1	ENSG00000169239	CA5B
hsa-mir-1972-1	ENSG00000110723	EXPH5
hsa-mir-1972-1	LRG_190	MEFV
hsa-mir-1972-2	ENSG00000081760	AACS
hsa-mir-1972-2	ENSG00000081760	AACS
hsa-mir-1972-2	ENSG00000089060	SLC24A6
hsa-mir-1972-2	ENSG00000104408	EIF3E
hsa-mir-1972-2	ENSG00000105221	AKT2
hsa-mir-1972-2	ENSG00000117640	FAM54B
hsa-mir-1972-2	ENSG00000132517	GPR172B
hsa-mir-1972-2	ENSG00000140104	C14orf79
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hsa-mir-1972-2	ENSG00000162241	SLC25A45
hsa-mir-1972-2	ENSG00000162711	NLRP3
hsa-mir-1972-2	ENSG00000165209	STRBP
hsa-mir-1972-2	ENSG00000166448	TMEM130
hsa-mir-1972-2	ENSG00000167986	DDB1

hsa-mir-1972-2	ENSG00000170445	HARS
hsa-mir-1972-2	ENSG00000174233	ADCY6
hsa-mir-1972-2	ENSG00000176681	LRR37A
hsa-mir-1972-2	ENSG00000180902	D2HGDH
hsa-mir-1972-2	ENSG00000185024	BRF1
hsa-mir-1972-2	ENSG00000185024	BRF1
hsa-mir-1972-2	ENSG00000185024	BRF1
hsa-mir-1972-2	ENSG00000185024	BRF1
hsa-mir-1972-2	ENSG00000185324	CDK10
hsa-mir-1972-2	ENSG00000186318	BACE1
hsa-mir-1972-2	ENSG00000188368	PRR19
hsa-mir-1972-2	ENSG00000197859	ADAMTSL2
hsa-mir-1972-2	ENSG00000198646	NCOA6
hsa-mir-1972-2	ENSG00000204172	AGAP10
hsa-mir-1972-2	ENSG00000204410	MSH5
hsa-mir-1972-2	ENSG00000204628	GNB2L1
hsa-mir-1972-2	ENSG00000213599	SULT1A3
hsa-mir-1972-2	ENSG00000213648	SULT1A4
hsa-mir-1972-2	ENSG00000235569	MSH5
hsa-mir-1972-2	ENSG00000254081	CTD-3025N20.2.1
hsa-mir-1972-2	ENSG00000258947	RP11-566K11.2.1
hsa-mir-1972-2	ENSG00000258947	RP11-566K11.2.1
hsa-mir-1972-2	ENSG00000257409	CR788282.2
hsa-mir-1972-2	ENSG00000257459	CR388382.1
hsa-mir-1972-2	ENSG00000166575	TMEM135
hsa-mir-1972-2	ENSG00000162946	DISC1
hsa-mir-1972-2	ENSG00000179912	R3HDM2
hsa-mir-1972-2	ENSG00000130985	UBA1
hsa-mir-1972-2	ENSG00000212670	AL161915.1
hsa-mir-1972-2	ENSG00000163110	PDLIM5
hsa-mir-1972-2	ENSG00000203286	AL365202.1
hsa-mir-1972-2	ENSG00000257349	AL844220.2
hsa-mir-1972-2	ENSG00000103313	MEFV
hsa-mir-1972-2	ENSG00000175898	S1PR2
hsa-mir-1972-2	ENSG00000204524	ZNF805
hsa-mir-1972-2	ENSG00000126562	WNK4

hsa-mir-1972-2	ENSG00000196917	HCAR1
hsa-mir-1972-2	ENSG00000188000	OR7D2
hsa-mir-1972-2	ENSG00000127483	HP1BP3
hsa-mir-1972-2	ENSG00000169239	CA5B
hsa-mir-1972-2	ENSG00000110723	EXPH5
hsa-mir-1972-2	LRG_190	MEFV
hsa-mir-2054	ENSG00000065534	MYLK
hsa-mir-2054	ENSG00000123562	MORF4L2
hsa-mir-2054	ENSG00000151322	NPAS3
hsa-mir-2054	ENSG00000151743	AMN1
hsa-mir-2054	ENSG00000147789	ZNF7
hsa-mir-2054	ENSG00000171777	RASGRP4
hsa-mir-2054	ENSG00000081138	CDH7
hsa-mir-2054	ENSG00000138735	PDE5A
hsa-mir-28_3p	ENSG00000141622	RNF165
hsa-mir-28_5p	ENSG00000164136	IL15
hsa-mir-28_5p	ENSG00000180957	PITPNB
hsa-mir-28_5p	ENSG00000108309	RUNDC3A
hsa-mir-28_5p	ENSG00000106608	URGCP
hsa-mir-28_5p	ENSG00000122741	DCAF10
hsa-mir-28_5p	ENSG00000144043	TEX261
hsa-mir-28_5p	ENSG00000152578	GRIA4
hsa-mir-28_5p	ENSG00000134046	MBD2
hsa-mir-28_5p	ENSG00000117598	LPPR5.1
hsa-mir-28_5p	ENSG00000124466	LYPD3
hsa-mir-28_5p	ENSG00000102921	N4BP1
hsa-mir-28_5p	ENSG00000169016	E2F6
hsa-mir-28_5p	ENSG00000135999	EPC2
hsa-mir-28_5p	ENSG00000123472	ATPAF1
hsa-mir-28_5p	ENSG00000116641	DOCK7
hsa-mir-297	ENSG00000122477	LRRC39
hsa-mir-297	ENSG00000168077	SCARA3
hsa-mir-297	ENSG00000168077	SCARA3
hsa-mir-297	ENSG00000198642	KLHL9
hsa-mir-301a_5p	ENSG00000105856	HBP1
hsa-mir-301a_5p	ENSG00000175445	LPL

hsa-mir-301a_5p	ENSG00000082175	PGR
hsa-mir-301a_5p	ENSG00000166004	KIAA1731
hsa-mir-301a_5p	ENSG00000136573	BLK
hsa-mir-302a_3p	ENSG00000010818	HIVEP2
hsa-mir-302a_5p	ENSG00000099331	MYO9B
hsa-mir-302a_5p	ENSG00000183735	TBK1
hsa-mir-302b_3p	ENSG00000010818	HIVEP2
hsa-mir-302b_5p	ENSG00000107968	MAP3K8
hsa-mir-302b_5p	ENSG00000151632	AKR1C2
hsa-mir-302c_3p	ENSG00000010818	HIVEP2
hsa-mir-302c_3p	ENSG00000130347	RTN4IP1
hsa-mir-302c_5p	ENSG00000103522	IL21R
hsa-mir-302c_5p	ENSG00000163141	BNIP1
hsa-mir-302c_5p	ENSG00000100321	SYNGR1
hsa-mir-302d_5p	ENSG00000153046	CDYL
hsa-mir-302e	ENSG00000042980	ADAM28
hsa-mir-302e	ENSG00000042980	ADAM28
hsa-mir-302f	ENSG00000184571	PIWIL3
hsa-mir-302f	ENSG00000166128	RAB8B
hsa-mir-3118-1	ENSG00000183206	POTEC
hsa-mir-3118-2	ENSG00000183206	POTEC
hsa-mir-3118-3	ENSG00000183206	POTEC
hsa-mir-3118-4	ENSG00000183206	POTEC
hsa-mir-3118-5	ENSG00000183206	POTEC
hsa-mir-3118-6	ENSG00000183206	POTEC
hsa-mir-3133	ENSG00000147853	AK3
hsa-mir-3134	ENSG00000212997	AC023632.1
hsa-mir-3134	ENSG00000140538	NTRK3
hsa-mir-3135a	ENSG00000175782	SLC35E3
hsa-mir-3137	ENSG00000105270	CLIP3
hsa-mir-3137	ENSG00000157796	WDR19
hsa-mir-3142	ENSG00000215790	SLC35E2
hsa-mir-3149	ENSG00000150045	KLRF1
hsa-mir-3149	ENSG00000162551	ALPL
hsa-mir-3149	ENSG00000170382	LRRN2
hsa-mir-3149	ENSG00000177511	ST8SIA3

hsa-mir-3149	ENSG00000196963	PCDHB16
hsa-mir-3149	ENSG00000147955	SIGMAR1
hsa-mir-3149	ENSG00000131080	EDA2R
hsa-mir-3149	ENSG00000169083	AR
hsa-mir-3149	ENSG00000102781	KATNAL1
hsa-mir-3149	ENSG00000165288	BRWD3
hsa-mir-3149	ENSG00000113361	CDH6
hsa-mir-3149	ENSG00000117859	OSBPL9
hsa-mir-3149	ENSG00000160551	TAOK1
hsa-mir-3149	ENSG00000164086	DUSP7
hsa-mir-3149	ENSG00000196591	HDAC2
hsa-mir-3150a_3p	ENSG00000179240	RP11-111M22.2.1
hsa-mir-3150a_3p	ENSG00000170324	FRMPD2
hsa-mir-3150a_3p	ENSG00000123360	PDE1B
hsa-mir-3150b_5p	ENSG00000163482	STK36
hsa-mir-3159	ENSG00000186318	BACE1
hsa-mir-3164	ENSG00000103353	UBFD1
hsa-mir-3171	ENSG00000151623	NR3C2
hsa-mir-3171	ENSG00000082898	XPO1
hsa-mir-3171	ENSG00000082898	XPO1
hsa-mir-3195	ENSG00000149679	CABLES2
hsa-mir-3195	ENSG00000172354	GNB2
hsa-mir-3195	ENSG00000188321	ZNF559
hsa-mir-3195	ENSG00000130699	TAF4
hsa-mir-3200_3p	ENSG00000145604	SKP2
hsa-mir-3200_3p	ENSG00000148396	SEC16A
hsa-mir-325	ENSG00000118058	MLL
hsa-mir-325	ENSG00000118058	MLL
hsa-mir-329-1	ENSG00000164251	F2RL1
hsa-mir-340_3p	ENSG00000187037	GPR141
hsa-mir-340_5p	ENSG00000106588	PSMA2
hsa-mir-340_5p	ENSG00000144026	ZNF514
hsa-mir-340_5p	ENSG00000182747	SLC35D3
hsa-mir-342_3p	ENSG00000084453	SLCO1A2
hsa-mir-345_5p	ENSG00000149397	#N/A
hsa-mir-3611	ENSG00000150628	SPATA4

hsa-mir-3620	ENSG00000138964	PARVG
hsa-mir-3620	ENSG00000245317	CTC-241N9.1.1
hsa-mir-3620	ENSG00000065320	NTN1
hsa-mir-3648	ENSG00000219200	RNASEK
hsa-mir-3648	ENSG00000105650	PDE4C
hsa-mir-3665	ENSG00000139737	SLAIN1
hsa-mir-3673	ENSG00000180479	ZNF571
hsa-mir-3676_3p	ENSG00000197891	SLC22A12
hsa-mir-3676_5p	ENSG00000188725	C5orf43
hsa-mir-3676_5p	ENSG00000157349	DDX19B
hsa-mir-3680-1_3p	ENSG00000105519	CAPS
hsa-mir-3686	ENSG00000126870	WDR60
hsa-mir-3686	ENSG00000175376	EIF1AD
hsa-mir-3689b_3p	ENSG00000151233	GXYLT1
hsa-mir-3689b_3p	ENSG00000166689	PLEKHA7
hsa-mir-376a-1_3p	ENSG00000107165	TYRP1
hsa-mir-376a-1_3p	ENSG00000158055	GRHL3
hsa-mir-376a-1_3p	ENSG00000012174	MBTPS2
hsa-mir-376a-1_3p	ENSG00000184258	CDR1
hsa-mir-376a-1_3p	ENSG00000060982	BCAT1
hsa-mir-376a-1_3p	ENSG00000182628	SKA2
hsa-mir-376a-1_5p	ENSG00000105928	DFNA5
hsa-mir-376a-1_5p	ENSG00000105793	GTPBP10
hsa-mir-376b	ENSG00000107165	TYRP1
hsa-mir-376b	ENSG00000150471	LPHN3
hsa-mir-376b	ENSG00000158055	GRHL3
hsa-mir-376b	ENSG00000124596	C6orf130
hsa-mir-376b	ENSG00000121797	CCRL2
hsa-mir-376b	ENSG00000060982	BCAT1
hsa-mir-376b	ENSG00000182628	SKA2
hsa-mir-376c	ENSG00000131002	CYorf15B.1
hsa-mir-376c	ENSG00000027075	PRKCH
hsa-mir-378b	ENSG00000106771	C9orf5
hsa-mir-3919	ENSG00000197013	ZNF429
hsa-mir-3919	ENSG00000121073	SLC35B1
hsa-mir-3919	ENSG00000135069	PSAT1

hsa-mir-3934	ENSG00000168748	CA7
hsa-mir-3934	ENSG00000166822	TMEM170A
hsa-mir-3934	ENSG00000101076	HNF4A
hsa-mir-3934	ENSG00000141068	KSR1
hsa-mir-3934	ENSG00000072501	SMC1A
hsa-mir-421	ENSG00000113456	RAD1
hsa-mir-421	ENSG00000165874	FAM35B
hsa-mir-421	ENSG00000074054	CLASP1
hsa-mir-421	ENSG00000182866	LCK
hsa-mir-4326	ENSG00000150764	DIXDC1
hsa-mir-450a-1_5p	ENSG00000184277	TM2D3
hsa-mir-450a-2_3p	ENSG00000179046	TRIML2
hsa-mir-450a-2_3p	ENSG00000164484	TMEM200A
hsa-mir-450a-2_5p	ENSG00000119725	ZNF410
hsa-mir-450a-2_5p	ENSG00000065526	SPEN
hsa-mir-450b_5p	ENSG00000038382	TRIO
hsa-mir-450b_5p	ENSG00000184277	TM2D3
hsa-mir-466	ENSG00000026103	FAS
hsa-mir-493_3p	ENSG00000104964	AES
hsa-mir-493_3p	ENSG00000064042	LIMCH1
hsa-mir-493_3p	ENSG00000161082	CELF5
hsa-mir-493_3p	ENSG00000161202	DVL3
hsa-mir-493_5p	ENSG00000065675	PRKCQ
hsa-mir-493_5p	ENSG00000070159	PTPN3
hsa-mir-501_5p	ENSG00000171793	CTPS
hsa-mir-501_5p	ENSG00000197937	ZNF347
hsa-mir-501_5p	ENSG00000108883	EFTUD2
hsa-mir-544a	ENSG00000144560	VGLL4
hsa-mir-544a	ENSG00000140632	GLYR1
hsa-mir-544a	ENSG00000078018	MAP2
hsa-mir-544a	ENSG00000144560	VGLL4
hsa-mir-544a	ENSG00000197279	ZNF165
hsa-mir-544a	ENSG00000130066	SAT1
hsa-mir-544a	ENSG00000183035	CYLC1
hsa-mir-544a	ENSG00000142178	SIK1
hsa-mir-544a	ENSG00000173681	CXorf23

hsa-mir-544b	ENSG00000171109	MFN1
hsa-mir-545_5p	ENSG00000168807	SNTB2
hsa-mir-548a-1_3p	ENSG00000004468	CD38
hsa-mir-548a-1_3p	ENSG00000116205	TCEANC2
hsa-mir-548a-1_3p	ENSG00000184040	FAM23B.1
hsa-mir-548a-1_3p	ENSG00000148483	TMEM236
hsa-mir-548a-1_3p	ENSG00000132623	ANKRD5
hsa-mir-548a-1_3p	ENSG00000183908	LRRC55
hsa-mir-548a-1_3p	ENSG00000144455	SUMF1
hsa-mir-548a-1_3p	ENSG00000215020	AL591684.1
hsa-mir-548a-1_3p	ENSG00000215033	AL603965.1
hsa-mir-548a-1_3p	ENSG00000226264	HLA-DMB
hsa-mir-548a-1_3p	ENSG00000102781	KATNAL1
hsa-mir-548a-1_3p	ENSG00000139505	MTMR6
hsa-mir-548a-1_3p	ENSG00000122692	SMU1
hsa-mir-548a-1_3p	ENSG00000139133	ALG10
hsa-mir-548a-1_3p	ENSG00000175548	ALG10B
hsa-mir-548a-2_3p	ENSG00000139133	ALG10
hsa-mir-548a-2_3p	ENSG00000144455	SUMF1
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hsa-mir-548a-2_3p	ENSG00000004468	CD38
hsa-mir-548a-2_3p	ENSG00000175548	ALG10B
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hsa-mir-548a-2_3p	ENSG00000184040	FAM23B.1
hsa-mir-548a-2_3p	ENSG00000148483	TMEM236
hsa-mir-548a-2_3p	ENSG00000215020	AL591684.1
hsa-mir-548a-2_3p	ENSG00000215033	AL603965.1
hsa-mir-548a-2_3p	ENSG00000132623	ANKRD5
hsa-mir-548a-2_3p	ENSG00000226264	HLA-DMB
hsa-mir-548a-2_3p	ENSG00000183908	LRRC55
hsa-mir-548a-2_3p	ENSG00000102781	KATNAL1
hsa-mir-548a-2_3p	ENSG00000139505	MTMR6
hsa-mir-548a-3_3p	ENSG00000139133	ALG10
hsa-mir-548a-3_3p	ENSG00000175548	ALG10B
hsa-mir-548a-3_3p	ENSG00000215020	AL591684.1
hsa-mir-548a-3_3p	ENSG00000215033	AL603965.1

hsa-mir-548a-3_3p	ENSG00000116205	TCEANC2
hsa-mir-548a-3_3p	ENSG00000004468	CD38
hsa-mir-548a-3_3p	ENSG00000139505	MTMR6
hsa-mir-548a-3_3p	ENSG00000102781	KATNAL1
hsa-mir-548a-3_3p	ENSG00000226264	HLA-DMB
hsa-mir-548a-3_3p	ENSG00000183908	LRRC55
hsa-mir-548a-3_3p	ENSG00000122692	SMU1
hsa-mir-548a-3_3p	ENSG00000132623	ANKRD5
hsa-mir-548a-3_3p	ENSG00000184040	FAM23B.1
hsa-mir-548a-3_3p	ENSG00000148483	TMEM236
hsa-mir-548a-3_3p	ENSG00000144455	SUMF1
hsa-mir-548a-3_5p	ENSG00000102781	KATNAL1
hsa-mir-548a-3_5p	ENSG00000226264	HLA-DMB
hsa-mir-548a-3_5p	ENSG00000139505	MTMR6
hsa-mir-548aa-1	ENSG00000023697	DERA
hsa-mir-548aa-1	ENSG00000188039	NWD1
hsa-mir-548aa-1	ENSG00000139133	ALG10
hsa-mir-548aa-1	ENSG00000144455	SUMF1
hsa-mir-548aa-1	ENSG00000013375	PGM3
hsa-mir-548aa-1	ENSG00000230891	AC103588.1.1
hsa-mir-548aa-1	ENSG00000116205	TCEANC2
hsa-mir-548aa-1	ENSG00000205726	ITSN1
hsa-mir-548aa-1	ENSG00000102781	KATNAL1
hsa-mir-548aa-1	ENSG00000139505	MTMR6
hsa-mir-548aa-1	ENSG00000004468	CD38
hsa-mir-548aa-1	ENSG00000183908	LRRC55
hsa-mir-548aa-1	ENSG00000004897	CDC27
hsa-mir-548aa-1	ENSG00000122692	SMU1
hsa-mir-548aa-1	ENSG00000175548	ALG10B
hsa-mir-548aa-1	ENSG00000174123	TLR10
hsa-mir-548aa-1	ENSG00000184040	FAM23B.1
hsa-mir-548aa-1	ENSG00000148483	TMEM236
hsa-mir-548aa-1	ENSG00000215020	AL591684.1
hsa-mir-548aa-1	ENSG00000215033	AL603965.1
hsa-mir-548aa-1	ENSG00000132623	ANKRD5
hsa-mir-548aa-1	ENSG00000128581	RABL5

hsa-mir-548aa-1	ENSG00000179909	ZNF154
hsa-mir-548aa-1	ENSG00000226264	HLA-DMB
hsa-mir-548aa-1	ENSG00000180801	ARSJ
hsa-mir-548aa-2	ENSG00000023697	DERA
hsa-mir-548aa-2	ENSG00000188039	NWD1
hsa-mir-548aa-2	ENSG00000004468	CD38
hsa-mir-548aa-2	ENSG00000226264	HLA-DMB
hsa-mir-548aa-2	ENSG00000102781	KATNAL1
hsa-mir-548aa-2	ENSG00000139505	MTMR6
hsa-mir-548aa-2	ENSG00000183908	LRRC55
hsa-mir-548aa-2	ENSG00000122692	SMU1
hsa-mir-548aa-2	ENSG00000175548	ALG10B
hsa-mir-548aa-2	ENSG00000139133	ALG10
hsa-mir-548aa-2	ENSG00000128581	RABL5
hsa-mir-548aa-2	ENSG00000174123	TLR10
hsa-mir-548aa-2	ENSG00000180801	ARSJ
hsa-mir-548aa-2	ENSG00000184040	FAM23B.1
hsa-mir-548aa-2	ENSG00000148483	TMEM236
hsa-mir-548aa-2	ENSG00000144455	SUMF1
hsa-mir-548aa-2	ENSG00000215020	AL591684.1
hsa-mir-548aa-2	ENSG00000215033	AL603965.1
hsa-mir-548aa-2	ENSG00000132623	ANKRD5
hsa-mir-548aa-2	ENSG00000116205	TCEANC2
hsa-mir-548aa-2	ENSG00000205726	ITSN1
hsa-mir-548aa-2	ENSG00000013375	PGM3
hsa-mir-548aa-2	ENSG00000004897	CDC27
hsa-mir-548b_5p	ENSG00000138794	CASP6
hsa-mir-548b_5p	ENSG00000102781	KATNAL1
hsa-mir-548b_5p	ENSG00000132623	ANKRD5
hsa-mir-548b_5p	ENSG00000004468	CD38
hsa-mir-548b_5p	ENSG00000139133	ALG10
hsa-mir-548b_5p	ENSG00000175548	ALG10B
hsa-mir-548b_5p	ENSG00000139505	MTMR6
hsa-mir-548b_5p	ENSG00000226264	HLA-DMB
hsa-mir-548c_3p	ENSG00000226264	HLA-DMB
hsa-mir-548c_5p	ENSG00000226264	HLA-DMB

hsa-mir-548d-1_3p	ENSG00000188039	NWD1
hsa-mir-548d-1_3p	ENSG00000179909	ZNF154
hsa-mir-548d-1_3p	ENSG00000102781	KATNAL1
hsa-mir-548d-1_3p	ENSG00000132623	ANKRD5
hsa-mir-548d-1_3p	ENSG00000116205	TCEANC2
hsa-mir-548d-1_3p	ENSG00000139133	ALG10
hsa-mir-548d-1_3p	ENSG00000175548	ALG10B
hsa-mir-548d-1_5p	ENSG00000175548	ALG10B
hsa-mir-548d-1_5p	ENSG00000139133	ALG10
hsa-mir-548d-1_5p	ENSG00000004468	CD38
hsa-mir-548d-1_5p	ENSG00000139505	MTMR6
hsa-mir-548d-1_5p	ENSG00000179909	ZNF154
hsa-mir-548d-1_5p	ENSG00000188039	NWD1
hsa-mir-548d-1_5p	ENSG00000128581	RABL5
hsa-mir-548d-1_5p	ENSG00000226264	HLA-DMB
hsa-mir-548d-1_5p	ENSG00000102781	KATNAL1
hsa-mir-548d-1_5p	ENSG00000132623	ANKRD5
hsa-mir-548d-2_3p	ENSG00000188039	NWD1
hsa-mir-548d-2_3p	ENSG00000116205	TCEANC2
hsa-mir-548d-2_3p	ENSG00000102781	KATNAL1
hsa-mir-548d-2_3p	ENSG00000175548	ALG10B
hsa-mir-548d-2_3p	ENSG00000139133	ALG10
hsa-mir-548d-2_3p	ENSG00000132623	ANKRD5
hsa-mir-548d-2_5p	ENSG00000004468	CD38
hsa-mir-548d-2_5p	ENSG00000188039	NWD1
hsa-mir-548d-2_5p	ENSG00000137145	DENND4C
hsa-mir-548d-2_5p	ENSG00000139505	MTMR6
hsa-mir-548d-2_5p	ENSG00000102781	KATNAL1
hsa-mir-548d-2_5p	ENSG00000175548	ALG10B
hsa-mir-548d-2_5p	ENSG00000139133	ALG10
hsa-mir-548d-2_5p	ENSG00000132623	ANKRD5
hsa-mir-548d-2_5p	ENSG00000128581	RABL5
hsa-mir-548d-2_5p	ENSG00000226264	HLA-DMB
hsa-mir-548f-1	ENSG00000144455	SUMF1
hsa-mir-548f-1	ENSG00000226264	HLA-DMB
hsa-mir-548f-2	ENSG00000144455	SUMF1

hsa-mir-548f-2	ENSG00000226264	HLA-DMB
hsa-mir-548f-3	ENSG00000144455	SUMF1
hsa-mir-548f-3	ENSG00000226264	HLA-DMB
hsa-mir-548f-4	ENSG00000144455	SUMF1
hsa-mir-548f-4	ENSG00000226264	HLA-DMB
hsa-mir-548f-4	ENSG00000227921	AL353791.1.1
hsa-mir-548f-4	ENSG00000106714	CNTNAP3
hsa-mir-548f-4	ENSG00000154529	CNTNAP3B
hsa-mir-548f-5	ENSG00000144455	SUMF1
hsa-mir-548f-5	ENSG00000226264	HLA-DMB
hsa-mir-548g_3p	ENSG00000185231	MC2R
hsa-mir-548g_3p	ENSG00000226264	HLA-DMB
hsa-mir-548g_3p	ENSG00000144455	SUMF1
hsa-mir-548g_5p	ENSG00000180190	C8orf42
hsa-mir-548g_5p	ENSG00000013375	PGM3
hsa-mir-548g_5p	ENSG00000179909	ZNF154
hsa-mir-548g_5p	ENSG00000185231	MC2R
hsa-mir-548g_5p	ENSG00000132623	ANKRD5
hsa-mir-548g_5p	ENSG00000102781	KATNAL1
hsa-mir-548g_5p	ENSG00000226264	HLA-DMB
hsa-mir-548g_5p	ENSG00000004897	CDC27
hsa-mir-548g_5p	ENSG00000139505	MTMR6
hsa-mir-548g_5p	ENSG00000137145	DENND4C
hsa-mir-548h-1_5p	ENSG00000102781	KATNAL1
hsa-mir-548h-1_5p	ENSG00000132623	ANKRD5
hsa-mir-548h-1_5p	ENSG00000226264	HLA-DMB
hsa-mir-548h-1_5p	ENSG00000139505	MTMR6
hsa-mir-548h-3_5p	ENSG00000139505	MTMR6
hsa-mir-548h-3_5p	ENSG00000102781	KATNAL1
hsa-mir-548h-3_5p	ENSG00000132623	ANKRD5
hsa-mir-548h-3_5p	ENSG00000226264	HLA-DMB
hsa-mir-548h-3_5p	ENSG00000198554	WDHD1
hsa-mir-548h-4_3p	ENSG00000215020	AL591684.1
hsa-mir-548h-4_3p	ENSG00000215033	AL603965.1
hsa-mir-548h-4_3p	ENSG00000116205	TCEANC2
hsa-mir-548h-4_3p	ENSG00000205726	ITSN1

hsa-mir-548h-4_3p	ENSG00000102781	KATNAL1
hsa-mir-548h-4_3p	ENSG00000139505	MTMR6
hsa-mir-548h-4_3p	ENSG00000183908	LRRC55
hsa-mir-548h-4_3p	ENSG00000122692	SMU1
hsa-mir-548h-4_3p	ENSG00000184040	FAM23B.1
hsa-mir-548h-4_3p	ENSG00000148483	TMEM236
hsa-mir-548h-4_3p	ENSG00000144455	SUMF1
hsa-mir-548h-4_3p	ENSG00000132623	ANKRD5
hsa-mir-548h-4_3p	ENSG00000013375	PGM3
hsa-mir-548h-4_3p	ENSG00000226264	HLA-DMB
hsa-mir-548h-4_5p	ENSG00000139505	MTMR6
hsa-mir-548h-4_5p	ENSG00000102781	KATNAL1
hsa-mir-548h-4_5p	ENSG00000226264	HLA-DMB
hsa-mir-548h-4_5p	ENSG00000132623	ANKRD5
hsa-mir-548i-1	ENSG00000139505	MTMR6
hsa-mir-548i-1	ENSG00000154548	SRSF12
hsa-mir-548i-1	ENSG00000132623	ANKRD5
hsa-mir-548i-1	ENSG00000179909	ZNF154
hsa-mir-548i-1	ENSG00000226264	HLA-DMB
hsa-mir-548i-1	ENSG00000137145	DENND4C
hsa-mir-548i-1	ENSG00000102781	KATNAL1
hsa-mir-548i-1	ENSG00000004897	CDC27
hsa-mir-548i-2	ENSG00000139505	MTMR6
hsa-mir-548i-2	ENSG00000154548	SRSF12
hsa-mir-548i-2	ENSG00000132623	ANKRD5
hsa-mir-548i-2	ENSG00000179909	ZNF154
hsa-mir-548i-2	ENSG00000137145	DENND4C
hsa-mir-548i-2	ENSG00000102781	KATNAL1
hsa-mir-548i-2	ENSG00000004897	CDC27
hsa-mir-548i-3	ENSG00000139505	MTMR6
hsa-mir-548i-3	ENSG00000154548	SRSF12
hsa-mir-548i-3	ENSG00000132623	ANKRD5
hsa-mir-548i-3	ENSG00000179909	ZNF154
hsa-mir-548i-3	ENSG00000226264	HLA-DMB
hsa-mir-548i-3	ENSG00000137145	DENND4C
hsa-mir-548i-3	ENSG00000102781	KATNAL1

hsa-mir-548i-3	ENSG00000004897	CDC27
hsa-mir-548i-4	ENSG00000102781	KATNAL1
hsa-mir-548i-4	ENSG00000004897	CDC27
hsa-mir-548i-4	ENSG00000226264	HLA-DMB
hsa-mir-548i-4	ENSG00000139505	MTMR6
hsa-mir-548j	ENSG00000132623	ANKRD5
hsa-mir-548j	ENSG00000226264	HLA-DMB
hsa-mir-548j	ENSG00000102781	KATNAL1
hsa-mir-548j	ENSG00000139505	MTMR6
hsa-mir-548k	ENSG00000158747	NBL1
hsa-mir-548k	ENSG00000226264	HLA-DMB
hsa-mir-548k	ENSG00000102781	KATNAL1
hsa-mir-548l	ENSG00000139505	MTMR6
hsa-mir-548m	ENSG00000100239	PPP6R2
hsa-mir-548m	ENSG00000100722	ZC3H14
hsa-mir-548m	ENSG00000143409	FAM63A
hsa-mir-548m	ENSG00000151952	TMEM132D
hsa-mir-548n	ENSG00000128581	RABL5
hsa-mir-548n	ENSG00000132623	ANKRD5
hsa-mir-548n	ENSG00000139505	MTMR6
hsa-mir-548n	ENSG00000102781	KATNAL1
hsa-mir-548n	ENSG00000226264	HLA-DMB
hsa-mir-548n	ENSG00000175548	ALG10B
hsa-mir-548p	ENSG00000226264	HLA-DMB
hsa-mir-548p	ENSG00000144455	SUMF1
hsa-mir-548q	ENSG00000139505	MTMR6
hsa-mir-548q	ENSG00000102781	KATNAL1
hsa-mir-548q	ENSG00000004897	CDC27
hsa-mir-548q	ENSG00000179909	ZNF154
hsa-mir-548q	ENSG00000128581	RABL5
hsa-mir-548q	ENSG00000226264	HLA-DMB
hsa-mir-548q	ENSG00000108576	SLC6A4
hsa-mir-548s	ENSG00000170917	NUDT6
hsa-mir-548s	ENSG00000185917	SETD4
hsa-mir-548s	ENSG00000187908	DMBT1
hsa-mir-548s	ENSG00000110756	HPS5

hsa-mir-548t_3p	ENSG00000188039	NWD1
hsa-mir-548t_3p	ENSG00000102781	KATNAL1
hsa-mir-548t_3p	ENSG00000128581	RABL5
hsa-mir-548t_3p	ENSG00000179909	ZNF154
hsa-mir-548t_3p	ENSG00000139505	MTMR6
hsa-mir-548t_3p	ENSG00000004468	CD38
hsa-mir-548t_3p	ENSG00000183908	LRRC55
hsa-mir-548t_3p	ENSG00000122692	SMU1
hsa-mir-548t_3p	ENSG00000175548	ALG10B
hsa-mir-548t_3p	ENSG00000139133	ALG10
hsa-mir-548t_3p	ENSG00000174123	TLR10
hsa-mir-548t_3p	ENSG00000180801	ARSJ
hsa-mir-548t_3p	ENSG00000184040	FAM23B.1
hsa-mir-548t_3p	ENSG00000148483	TMEM236
hsa-mir-548t_3p	ENSG00000226264	HLA-DMB
hsa-mir-548t_3p	ENSG00000144455	SUMF1
hsa-mir-548t_3p	ENSG00000215020	AL591684.1
hsa-mir-548t_3p	ENSG00000215033	AL603965.1
hsa-mir-548t_3p	ENSG00000132623	ANKRD5
hsa-mir-548t_3p	ENSG00000116205	TCEANC2
hsa-mir-548t_3p	ENSG00000205726	ITSN1
hsa-mir-548t_3p	ENSG00000013375	PGM3
hsa-mir-548t_3p	ENSG00000230891	AC103588.1.1
hsa-mir-548t_3p	ENSG00000004897	CDC27
hsa-mir-548u	ENSG00000116205	TCEANC2
hsa-mir-548u	ENSG00000004468	CD38
hsa-mir-548u	ENSG00000139505	MTMR6
hsa-mir-548u	ENSG00000183908	LRRC55
hsa-mir-548u	ENSG00000122692	SMU1
hsa-mir-548u	ENSG00000139133	ALG10
hsa-mir-548u	ENSG00000175548	ALG10B
hsa-mir-548u	ENSG00000144455	SUMF1
hsa-mir-548u	ENSG00000215020	AL591684.1
hsa-mir-548u	ENSG00000215033	AL603965.1
hsa-mir-548u	ENSG00000132623	ANKRD5
hsa-mir-548u	ENSG00000226264	HLA-DMB

hsa-mir-548u	ENSG00000184040	FAM23B.1
hsa-mir-548u	ENSG00000148483	TMEM236
hsa-mir-548u	ENSG00000102781	KATNAL1
hsa-mir-548v	ENSG00000144455	SUMF1
hsa-mir-548v	ENSG00000116205	TCEANC2
hsa-mir-548v	ENSG00000184040	FAM23B.1
hsa-mir-548v	ENSG00000148483	TMEM236
hsa-mir-548v	ENSG00000132623	ANKRD5
hsa-mir-548v	ENSG00000215020	AL591684.1
hsa-mir-548v	ENSG00000215033	AL603965.1
hsa-mir-548v	ENSG00000179909	ZNF154
hsa-mir-548v	ENSG00000226264	HLA-DMB
hsa-mir-548v	ENSG00000183908	LRRC55
hsa-mir-548v	ENSG00000102781	KATNAL1
hsa-mir-548w	ENSG00000170364	SETMAR
hsa-mir-548w	ENSG00000139505	MTMR6
hsa-mir-548w	ENSG00000179909	ZNF154
hsa-mir-548w	ENSG00000137145	DENND4C
hsa-mir-548w	ENSG00000226264	HLA-DMB
hsa-mir-548w	ENSG00000102781	KATNAL1
hsa-mir-548x_3p	ENSG00000144455	SUMF1
hsa-mir-548x_3p	ENSG00000226264	HLA-DMB
hsa-mir-548x_3p	ENSG00000183908	LRRC55
hsa-mir-548x_3p	ENSG00000122692	SMU1
hsa-mir-548x_3p	ENSG00000215020	AL591684.1
hsa-mir-548x_3p	ENSG00000215033	AL603965.1
hsa-mir-548x_5p	ENSG00000180190	C8orf42
hsa-mir-548x_5p	ENSG00000013375	PGM3
hsa-mir-548x_5p	ENSG00000139505	MTMR6
hsa-mir-548x_5p	ENSG00000185231	MC2R
hsa-mir-548x_5p	ENSG00000132623	ANKRD5
hsa-mir-548x_5p	ENSG00000102781	KATNAL1
hsa-mir-548x_5p	ENSG00000226264	HLA-DMB
hsa-mir-548x_5p	ENSG00000179909	ZNF154
hsa-mir-548x_5p	ENSG00000004897	CDC27
hsa-mir-548z	ENSG00000226264	HLA-DMB

hsa-mir-558	ENSG00000100034	PPM1F
hsa-mir-558	ENSG00000115840	SLC25A12
hsa-mir-558	ENSG00000101639	CEP192
hsa-mir-566	ENSG00000033030	ZCCHC8
hsa-mir-566	ENSG00000064115	TM7SF3
hsa-mir-566	ENSG00000075089	ACTR6
hsa-mir-566	ENSG00000078070	MCCC1
hsa-mir-566	ENSG00000078269	SYNJ2
hsa-mir-566	ENSG00000081760	AACS
hsa-mir-566	ENSG00000106608	URGCP
hsa-mir-566	ENSG00000121350	PYROXD1
hsa-mir-566	ENSG00000131374	TBC1D5
hsa-mir-566	ENSG00000134824	FADS2
hsa-mir-566	ENSG00000137492	PRKRIR
hsa-mir-566	ENSG00000140104	C14orf79
hsa-mir-566	ENSG00000148297	MED22
hsa-mir-566	ENSG00000156869	FRRS1
hsa-mir-566	ENSG00000160691	SHC1
hsa-mir-566	ENSG00000162144	CYBASC3
hsa-mir-566	ENSG00000162711	NLRP3
hsa-mir-566	ENSG00000167077	MEI1
hsa-mir-566	ENSG00000167986	DDB1
hsa-mir-566	ENSG00000174233	ADCY6
hsa-mir-566	ENSG00000175727	MLXIP
hsa-mir-566	ENSG00000176915	ANKLE2
hsa-mir-566	ENSG00000176974	SHMT1
hsa-mir-566	ENSG00000177000	MTHFR
hsa-mir-566	ENSG00000182551	ADI1
hsa-mir-566	ENSG00000184343	SRPK3
hsa-mir-566	ENSG00000185024	BRF1
hsa-mir-566	ENSG00000185024	BRF1
hsa-mir-566	ENSG00000204172	AGAP10
hsa-mir-566	ENSG00000258659	TRIM34
hsa-mir-566	ENSG00000257330	AL662867.1
hsa-mir-566	ENSG00000257149	AC127032.1
hsa-mir-566	ENSG00000257936	AC139677.7

hsa-mir-566	ENSG00000214919	AC104472.1
hsa-mir-566	ENSG00000174898	TMEM146
hsa-mir-566	ENSG00000109911	ELP4
hsa-mir-566	ENSG00000196141	SPATS2L
hsa-mir-566	ENSG00000139726	DENR
hsa-mir-566	ENSG00000103021	CCDC113
hsa-mir-566	ENSG00000173598	NUDT4
hsa-mir-566	ENSG00000006638	TBXA2R
hsa-mir-566	ENSG00000081320	STK17B
hsa-mir-567	ENSG00000185038	HEATR7B1
hsa-mir-568	ENSG00000114698	PLSCR4
hsa-mir-568	ENSG00000122012	SV2C
hsa-mir-568	ENSG00000106723	SPIN1
hsa-mir-570_3p	ENSG00000107105	ELAVL2
hsa-mir-570_3p	ENSG00000198908	BHLHB9
hsa-mir-570_3p	ENSG00000160551	TAOK1
hsa-mir-570_5p	ENSG00000122299	ZC3H7A
hsa-mir-574_3p	ENSG00000134532	SOX5
hsa-mir-574_3p	ENSG00000138029	HADHB
hsa-mir-574_3p	ENSG00000144476	CXCR7
hsa-mir-574_5p	ENSG00000006116	CACNG3
hsa-mir-574_5p	ENSG00000006116	CACNG3
hsa-mir-574_5p	ENSG00000048540	LMO3
hsa-mir-574_5p	ENSG00000061455	PRDM6
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hsa-mir-574_5p	ENSG00000061455	PRDM6
hsa-mir-574_5p	ENSG00000064205	WISP2
hsa-mir-574_5p	ENSG00000064205	WISP2
hsa-mir-574_5p	ENSG00000064205	WISP2
hsa-mir-574_5p	ENSG00000075089	ACTR6
hsa-mir-574_5p	ENSG00000075213	SEMA3A
hsa-mir-574_5p	ENSG00000075213	SEMA3A
hsa-mir-574_5p	ENSG00000079102	RUNX1T1
hsa-mir-574_5p	ENSG00000088038	CNOT3
hsa-mir-574_5p	ENSG00000089022	MAPKAPK5

hsa-mir-574_5p	ENSG00000089818	NECAP1
hsa-mir-574_5p	ENSG00000089818	NECAP1
hsa-mir-574_5p	ENSG00000090447	TFAP4
hsa-mir-574_5p	ENSG00000090447	TFAP4
hsa-mir-574_5p	ENSG00000106278	PTPRZ1
hsa-mir-574_5p	ENSG00000106278	PTPRZ1
hsa-mir-574_5p	ENSG00000106278	PTPRZ1
hsa-mir-574_5p	ENSG00000108349	CASC3
hsa-mir-574_5p	ENSG00000108349	CASC3
hsa-mir-574_5p	ENSG00000108349	CASC3
hsa-mir-574_5p	ENSG00000108349	CASC3
hsa-mir-574_5p	ENSG00000120457	KCNJ5
hsa-mir-574_5p	ENSG00000123411	IKZF4
hsa-mir-574_5p	ENSG00000123411	IKZF4
hsa-mir-574_5p	ENSG00000123411	IKZF4
hsa-mir-574_5p	ENSG00000123411	IKZF4
hsa-mir-574_5p	ENSG00000130023	C6orf70
hsa-mir-574_5p	ENSG00000136267	DGKB
hsa-mir-574_5p	ENSG00000136267	DGKB
hsa-mir-574_5p	ENSG00000136630	HLX
hsa-mir-574_5p	ENSG00000138385	SSB
hsa-mir-574_5p	ENSG00000138385	SSB
hsa-mir-574_5p	ENSG00000143870	PDIA6
hsa-mir-574_5p	ENSG00000143870	PDIA6
hsa-mir-574_5p	ENSG00000144791	LIMD1
hsa-mir-574_5p	ENSG00000145681	HAPLN1
hsa-mir-574_5p	ENSG00000145681	HAPLN1
hsa-mir-574_5p	ENSG00000145681	HAPLN1
hsa-mir-574_5p	ENSG00000146426	TIAM2
hsa-mir-574_5p	ENSG00000149948	HMGA2
hsa-mir-574_5p	ENSG00000149948	HMGA2
hsa-mir-574_5p	ENSG00000149948	HMGA2
hsa-mir-574_5p	ENSG00000149948	HMGA2
hsa-mir-574_5p	ENSG00000149948	HMGA2
hsa-mir-574_5p	ENSG00000151474	FRMD4A
hsa-mir-574_5p	ENSG00000152061	RABGAP1L

hsa-mir-574_5p	ENSG00000152061	RABGAP1L
hsa-mir-574_5p	ENSG00000153902	LGI4
hsa-mir-574_5p	ENSG00000164106	SCRG1
hsa-mir-574_5p	ENSG00000164106	SCRG1
hsa-mir-574_5p	ENSG00000167100	SAMD14
hsa-mir-574_5p	ENSG00000167100	SAMD14
hsa-mir-574_5p	ENSG00000167100	SAMD14
hsa-mir-574_5p	ENSG00000171840	NINJ2
hsa-mir-574_5p	ENSG00000172346	CSDC2
hsa-mir-574_5p	ENSG00000176134	AL445665.1
hsa-mir-574_5p	ENSG00000176134	AL445665.1
hsa-mir-574_5p	ENSG00000176697	BDNF
hsa-mir-574_5p	ENSG00000177511	ST8SIA3
hsa-mir-574_5p	ENSG00000177511	ST8SIA3
hsa-mir-574_5p	ENSG00000177511	ST8SIA3
hsa-mir-574_5p	ENSG00000181072	CHRM2
hsa-mir-574_5p	ENSG00000181072	CHRM2
hsa-mir-574_5p	ENSG00000181072	CHRM2
hsa-mir-574_5p	ENSG00000181072	CHRM2
hsa-mir-574_5p	ENSG00000182508	LHFPL1
hsa-mir-574_5p	ENSG00000182508	LHFPL1
hsa-mir-574_5p	ENSG00000185985	SLITRK2
hsa-mir-574_5p	ENSG00000185985	SLITRK2
hsa-mir-574_5p	ENSG00000185985	SLITRK2
hsa-mir-574_5p	ENSG00000185985	SLITRK2
hsa-mir-574_5p	ENSG00000186231	KLHL32
hsa-mir-574_5p	ENSG00000186231	KLHL32
hsa-mir-574_5p	ENSG00000186231	KLHL32
hsa-mir-574_5p	ENSG00000186635	ARAP1
hsa-mir-574_5p	ENSG00000186635	ARAP1
hsa-mir-574_5p	ENSG00000189058	APOD
hsa-mir-574_5p	ENSG00000189058	APOD
hsa-mir-574_5p	ENSG00000196963	PCDHB16
hsa-mir-574_5p	ENSG00000198570	RD3
hsa-mir-574_5p	ENSG00000204283	AC015804.1
hsa-mir-574_5p	ENSG00000214510	SPINK13

hsa-mir-574_5p	ENSG00000214510	SPINK13
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hsa-mir-574_5p	ENSG00000214510	SPINK13
hsa-mir-574_5p	ENSG00000215066	C9orf38
hsa-mir-574_5p	ENSG00000221888	OR1C1
hsa-mir-574_5p	ENSG00000221888	OR1C1
hsa-mir-574_5p	ENSG00000221888	OR1C1
hsa-mir-574_5p	ENSG00000235370	CSPG4P5
hsa-mir-574_5p	ENSG00000231997	FAM27D1.1
hsa-mir-574_5p	ENSG00000231997	FAM27D1.1
hsa-mir-574_5p	ENSG00000224867	AC096644.1
hsa-mir-574_5p	ENSG00000224867	AC096644.1
hsa-mir-574_5p	ENSG00000224867	AC096644.1
hsa-mir-574_5p	ENSG00000224867	AC096644.1
hsa-mir-574_5p	ENSG00000127418	FGFRL1
hsa-mir-574_5p	ENSG00000127418	FGFRL1
hsa-mir-574_5p	ENSG00000127418	FGFRL1
hsa-mir-574_5p	ENSG00000127418	FGFRL1
hsa-mir-574_5p	ENSG00000100605	ITPK1
hsa-mir-574_5p	ENSG00000257981	CR547129.1
hsa-mir-574_5p	ENSG00000257981	CR547129.1
hsa-mir-574_5p	ENSG00000257981	CR547129.1
hsa-mir-574_5p	ENSG00000258213	AL844527.3
hsa-mir-574_5p	ENSG00000258213	AL844527.3
hsa-mir-574_5p	ENSG00000258213	AL844527.3
hsa-mir-574_5p	ENSG00000177511	ST8SIA3
hsa-mir-574_5p	ENSG00000177511	ST8SIA3
hsa-mir-574_5p	ENSG00000216560	RP3-368B9.1.1
hsa-mir-574_5p	ENSG00000159921	GNE
hsa-mir-574_5p	ENSG00000159921	GNE
hsa-mir-574_5p	ENSG00000177354	C10orf71
hsa-mir-574_5p	ENSG00000231997	FAM27D1.1
hsa-mir-574_5p	ENSG00000106078	COBL
hsa-mir-574_5p	ENSG00000169083	AR
hsa-mir-574_5p	ENSG00000169083	AR
hsa-mir-574_5p	ENSG00000169083	AR

hsa-mir-574_5p	ENSG00000169083	AR
hsa-mir-574_5p	ENSG00000137713	PPP2R1B
hsa-mir-574_5p	ENSG00000131089	ARHGEF9
hsa-mir-574_5p	ENSG00000148516	ZEB1
hsa-mir-574_5p	ENSG00000155833	CYLC2
hsa-mir-574_5p	ENSG00000171310	CHST11
hsa-mir-574_5p	ENSG00000168952	STXBP6
hsa-mir-574_5p	ENSG00000166025	AMOTL1
hsa-mir-574_5p	ENSG00000017427	IGF1
hsa-mir-574_5p	ENSG00000102781	KATNAL1
hsa-mir-574_5p	ENSG00000157064	NMNAT2
hsa-mir-574_5p	ENSG00000223474	AL020996.1
hsa-mir-574_5p	ENSG00000127328	RAB3IP
hsa-mir-574_5p	ENSG00000179915	NRXN1
hsa-mir-574_5p	ENSG00000182158	CREB3L2
hsa-mir-574_5p	ENSG00000122367	LDB3
hsa-mir-574_5p	ENSG00000172992	DCAKD
hsa-mir-574_5p	ENSG00000126351	THRA
hsa-mir-574_5p	ENSG00000183826	BTBD9
hsa-mir-574_5p	ENSG00000128891	C15orf57
hsa-mir-574_5p	ENSG00000170471	RALGAPB
hsa-mir-574_5p	ENSG00000196092	PAX5
hsa-mir-574_5p	ENSG00000136521	NDUFB5
hsa-mir-574_5p	ENSG00000089169	RPH3A
hsa-mir-574_5p	ENSG00000073050	XRCC1
hsa-mir-574_5p	ENSG00000053254	FOXN3
hsa-mir-574_5p	ENSG00000102858	MGRN1
hsa-mir-574_5p	ENSG00000101938	CHRD1
hsa-mir-574_5p	ENSG00000169967	MAP3K2
hsa-mir-574_5p	ENSG00000102781	KATNAL1
hsa-mir-574_5p	ENSG00000170471	RALGAPB
hsa-mir-574_5p	ENSG00000157064	NMNAT2
hsa-mir-574_5p	ENSG00000145864	GABRB2
hsa-mir-574_5p	ENSG00000196092	PAX5
hsa-mir-574_5p	ENSG00000166159	LRTM2
hsa-mir-574_5p	ENSG00000186439	TRDN

hsa-mir-574_5p	ENSG00000012124	CD22
hsa-mir-574_5p	ENSG00000186439	TRDN
hsa-mir-574_5p	ENSG00000155966	AFF2
hsa-mir-574_5p	ENSG00000156269	NAA11
hsa-mir-574_5p	ENSG00000145864	GABRB2
hsa-mir-574_5p	ENSG00000168952	STXBP6
hsa-mir-574_5p	ENSG00000172992	DCAKD
hsa-mir-574_5p	ENSG00000223474	AL020996.1
hsa-mir-574_5p	ENSG00000183826	BTBD9
hsa-mir-574_5p	ENSG00000053254	FOXN3
hsa-mir-574_5p	ENSG00000145864	GABRB2
hsa-mir-574_5p	ENSG00000012124	CD22
hsa-mir-574_5p	ENSG00000012124	CD22
hsa-mir-574_5p	ENSG00000012124	CD22
hsa-mir-574_5p	ENSG00000155966	AFF2
hsa-mir-574_5p	ENSG00000155966	AFF2
hsa-mir-574_5p	ENSG00000102781	KATNAL1
hsa-mir-574_5p	ENSG00000156269	NAA11
hsa-mir-574_5p	ENSG00000223474	AL020996.1
hsa-mir-574_5p	ENSG00000183826	BTBD9
hsa-mir-574_5p	ENSG00000179915	NRXN1
hsa-mir-574_5p	LRG_141	CD40LG
hsa-mir-579	ENSG00000100483	METTTL21D
hsa-mir-582_3p	ENSG00000126261	UBA2
hsa-mir-582_5p	ENSG00000170365	SMAD1
hsa-mir-582_5p	ENSG00000107679	PLEKHA1
hsa-mir-582_5p	ENSG00000131773	KHDRBS3
hsa-mir-584_5p	ENSG00000056558	TRAF1
hsa-mir-598	ENSG00000147174	ACRC
hsa-mir-598	ENSG00000092969	TGFB2
hsa-mir-601	ENSG00000079102	RUNX1T1
hsa-mir-601	ENSG00000079102	RUNX1T1
hsa-mir-603	ENSG00000215020	AL591684.1
hsa-mir-603	ENSG00000215033	AL603965.1
hsa-mir-603	ENSG00000116205	TCEANC2
hsa-mir-603	ENSG00000004468	CD38

hsa-mir-603	ENSG00000226264	HLA-DMB
hsa-mir-603	ENSG00000183908	LRRC55
hsa-mir-603	ENSG00000184040	FAM23B.1
hsa-mir-603	ENSG00000148483	TMEM236
hsa-mir-603	ENSG00000132623	ANKRD5
hsa-mir-603	ENSG00000144455	SUMF1
hsa-mir-603	ENSG00000122692	SMU1
hsa-mir-603	ENSG00000102781	KATNAL1
hsa-mir-616_5p	ENSG00000204856	C12orf24
hsa-mir-620	ENSG00000106591	MRPL32
hsa-mir-625_5p	ENSG00000145779	TNFAIP8
hsa-mir-638	ENSG00000068024	HDAC4
hsa-mir-644a	ENSG00000071242	RPS6KA2
hsa-mir-645	ENSG00000163263	C1orf189
hsa-mir-652_5p	ENSG00000128159	TUBGCP6
hsa-mir-708_5p	ENSG00000156795	WDYHV1
hsa-mir-708_5p	ENSG00000053438	NNAT
hsa-mir-708_5p	ENSG00000152578	GRIA4
hsa-mir-708_5p	ENSG00000125484	GTF3C4
hsa-mir-708_5p	ENSG00000186432	KPNA4
hsa-mir-708_5p	ENSG00000159140	SON
hsa-mir-708_5p	ENSG00000164741	DLC1
hsa-mir-708_5p	ENSG00000122741	DCAF10
hsa-mir-708_5p	ENSG00000144043	TEX261
hsa-mir-708_5p	ENSG00000144401	METTL21A
hsa-mir-708_5p	ENSG00000136868	SLC31A1
hsa-mir-708_5p	ENSG00000116641	DOCK7
hsa-mir-708_5p	ENSG00000129472	RAB2B
hsa-mir-7-1_5p	ENSG00000185697	MYBL1
hsa-mir-7-1_5p	ENSG00000214642	DEFB113
hsa-mir-7-1_5p	ENSG00000127804	METTL16
hsa-mir-720	ENSG00000125046	C3orf32
hsa-mir-720	ENSG00000125046	C3orf32
hsa-mir-762	ENSG00000005884	ITGA3
hsa-mir-762	ENSG00000006652	IFRD1
hsa-mir-762	ENSG00000090539	CHRD

hsa-mir-762	ENSG00000090539	CHRD
hsa-mir-762	ENSG00000099385	BCL7C
hsa-mir-762	ENSG00000101180	HRH3
hsa-mir-762	ENSG00000101180	HRH3
hsa-mir-762	ENSG00000105251	SHD
hsa-mir-762	ENSG00000107829	FBXW4
hsa-mir-762	ENSG00000149485	FADS1
hsa-mir-762	ENSG00000161281	COX7A1
hsa-mir-762	ENSG00000163659	TIPARP
hsa-mir-762	ENSG00000174498	IGDCC3
hsa-mir-762	ENSG00000174775	HRAS
hsa-mir-762	ENSG00000177830	CHID1
hsa-mir-762	ENSG00000183117	CSMD1
hsa-mir-762	ENSG00000129757	CDKN1C
hsa-mir-762	ENSG00000169221	TBC1D10B
hsa-mir-762	ENSG00000169221	TBC1D10B
hsa-mir-762	ENSG00000130052	STARD8
hsa-mir-762	ENSG00000130052	STARD8
hsa-mir-762	ENSG00000130052	STARD8
hsa-mir-762	ENSG00000106624	AEBP1
hsa-mir-762	ENSG00000121274	PAPD5
hsa-mir-762	ENSG00000130699	TAF4
hsa-mir-762	ENSG00000130699	TAF4
hsa-mir-762	ENSG00000198648	STK39
hsa-mir-762	ENSG00000140564	FURIN
hsa-mir-762	ENSG00000130052	STARD8
hsa-mir-762	ENSG00000140564	FURIN
hsa-mir-762	ENSG00000130052	STARD8
hsa-mir-762	ENSG00000130052	STARD8
hsa-mir-935	ENSG00000142453	CARM1

human miRs. “Transposable Element” refers to the TE a miR was initially formed from as described in RepBase^{42,43}. All TE
 ers (e.g. “RF00026 U6” or “RF00100 7SK”) which refer to RFAM^{46, 47}. “miR Sequence Hit” refers to the miR nucleotides ali
 refers to the location of a predicted target site within a given mRNA. “miR Name” refers to miRBase² annotation while “Ense
 ning utility³⁷. In the instance of multiple hits by an individual miR within a single transcript, only the best alignment is show

Transposable Element	miR Sequence Hit
MER52A	CTGCAGTGGGGGAG
MER52A	TGCCAGCTGCAGTGG
MER52A	CAGCTGCAGTGGGGGAG
MER52A	GTGCCAGCTGCAG
MER52A	GTGCCAGCTGCAG
MER52A	GTGCCAGCTGCAGTGGGGGA
MER52A	CCAGCTGCAGTGGGGG
MER52A	GTGCCAGCTGCAGTGGGGGA
LTR9_OG_ERV3_Otolemur_garnettii	CCTCCTCTCTCCTCAG
LTR9_OG_ERV3_Otolemur_garnettii	CCTCCTCTCTCCTCAG
LTR9_OG_ERV3_Otolemur_garnettii	CCTCCTCTCTCCTCAG
LTR9_OG_ERV3_Otolemur_garnettii	CACCTCCTCTCTCCTCA
LTR9_OG_ERV3_Otolemur_garnettii	ACTCGGGAGGTGG
LTR9_OG_ERV3_Otolemur_garnettii	CTCGGGAGGTGG
NonLTR_5_CR_Non_LTR_Retrotransposon_Chlamydomonas_reinhardtii	CCCTTTTCCCCAG
NonLTR_5_CR_Non_LTR_Retrotransposon_Chlamydomonas_reinhardtii	CCCTTTTCCCCAG
NonLTR_5_CR_Non_LTR_Retrotransposon_Chlamydomonas_reinhardtii	CCCTTTTCCCCAG
NonLTR_5_CR_Non_LTR_Retrotransposon_Chlamydomonas_reinhardtii	CCACCCTTTTCCCCA
L1-2_TS	GTGTCTGGGCGGA
MLT1M	TTTTGGAGCAGG
MLT1M	TGGATTTTTGGAGCAGG
MLT1M	TTTTTGGAGCAGG
MLT1M	AATGGATTTTTGGAG
MLT1M	AATGGATTTTTGGA
MLT1M	TGGATTTTTGGAGCAGG
L2B_CR1_Eutheria	CTTCCCCCCTTCTTCA
L2B_CR1_Eutheria	CCCCCTTCTTCA
AluJr	AGCCTGGAAGCTGGAGCCTGCAGT
AluJr	GGAGCCTGCAGT

AluJr	AGCCTGGAAGCTGGAGCCTGCAGT
AluJr	GAAGCTGGAGCCTGCAG
TIGGER1	GGATGAGCAAAGAAA
TIGGER1	GGATGAGCAAAGAAAGTAG
TIGGER1	AACCACTTTCTTTGCTCATCC
TIGGER1	AACCACTTTCTTTGCTCATCCA
TIGGER1	AACCACTTTCTTT
TIGGER1	AACCACTTTCTTTGCTCATCCA
TIGGER1	AACCACTTTCTTTGCTCATCCA
TIGGER1	AGGCATTGACTTCTC
TIGGER1	AGGCATTGACTTCTCAC
Gypsy-50_GA-LTR	ATCCCACCACTGCCACCAT
TIGGER1	TGGATAAGGCTTTGGCTT
MER34C_EC	TGGCATACTGAGT
MSTA	TGTTGAAGTGAATCCCCA
MSTA	TGTTGAAGTGAATCCCCA
MSTA	TTGAAGTGAATCCCCA
MSTA	TGTTGAAGTGAATCCCCA
MSTA	TTGAAGTGAATCCCCA
MSTA	GTTGAAGTGAATCCCCA
AluYc2_Repetitive_sequence_Homo_sapiens	GGGCGTGGTGGT
AluYc2_Repetitive_sequence_Homo_sapiens	CGGGCGTGGTGGTGGG
AluYc2_Repetitive_sequence_Homo_sapiens	GGGCGTGGTGGTG
AluYc2_Repetitive_sequence_Homo_sapiens	GGCGTGGTGGTG
AluYc2_Repetitive_sequence_Homo_sapiens	CGGGCGTGGTGGTGGG
AluYc2_Repetitive_sequence_Homo_sapiens	CGTGGTGGTGGG
AluYc2_Repetitive_sequence_Homo_sapiens	CGGGCGTGGTGGTGGG
AluYc2_Repetitive_sequence_Homo_sapiens	CGGGCGTGGTGG
AluYc2_Repetitive_sequence_Homo_sapiens	CGGGCGTGGTGG
AluYc2_Repetitive_sequence_Homo_sapiens	CGGGCGTGGTGG
AluYc2_Repetitive_sequence_Homo_sapiens	CGGGCGTGGTGG
AluYc2_Repetitive_sequence_Homo_sapiens	CGGGCGTGGTGG
AluYc2_Repetitive_sequence_Homo_sapiens	GGCGTGGTGGTG
AluYc2_Repetitive_sequence_Homo_sapiens	CGGGCGTGGTGGTGGG
AluYc2_Repetitive_sequence_Homo_sapiens	GGGCGTGGTGGTGGG
AluYc2_Repetitive_sequence_Homo_sapiens	CGGGCGTGGTGGT

AluYc2_Repetitive_sequence_Homo_sapiens	CGGGCGTGGTGG
AluYc2_Repetitive_sequence_Homo_sapiens	CGGGCGTGGTGG
AluYc2_Repetitive_sequence_Homo_sapiens	CGGGCGTGGTGGTGGG
AluYc2_Repetitive_sequence_Homo_sapiens	GGCGTGGTGGTGGG
AluYc2_Repetitive_sequence_Homo_sapiens	GGGCGTGGTGGTG
AluYc2_Repetitive_sequence_Homo_sapiens	GGGCGTGGTGGTG
AluYc2_Repetitive_sequence_Homo_sapiens	GGGCGTGGTGGTG
AluYc2_Repetitive_sequence_Homo_sapiens	GGGCGTGGTGGTG
AluYc2_Repetitive_sequence_Homo_sapiens	CGGGCGTGGTGGT
AluYc2_Repetitive_sequence_Homo_sapiens	GGCGTGGTGGTGGG
AluYc2_Repetitive_sequence_Homo_sapiens	GGCGTGGTGGTGGG
AluYc2_Repetitive_sequence_Homo_sapiens	GGGCGTGGTGGTG
AluYc2_Repetitive_sequence_Homo_sapiens	GGGCGTGGTGGTGGG
AluYc2_Repetitive_sequence_Homo_sapiens	CGGGCGTGGTGGTGGG
MLT2B3	CTGGACTGAGCCGTGCT
MLT2B3	ACTGAGCCGTGCT
L2B	CCTGCTATGTGCCAGG
L2B	CTGCTATGTGCCAGGCA
L2B	CTATGTGCCAGGCA
L2B	CTATGTGCCAGGCA
L2B	CTATGTGCCAGGCA
L2B	AGTGCCTGCTATGTGCC
L2B	AGTGCCTGCTATGTGCCAGGCA
L2B	AGTGCCTGCTATGTGCCAGGCA
L2B	GCCTGCTATGTGCCAGGCA
HERV70_I_MER67C_Homo_sapiens	TGATGATGGCAGCA
HERV70_I_MER67C_Homo_sapiens	ATGATGGCAGCAA
AluS	GGCGACAAAGCAAGACTC
AluS	GGGCGACAAAGCAAGACTCT
AluS	GACAAAGCAAGACTCT
AluS	GGGCGACAAAGCAAGA
AluS	GGGCGACAAAGCAAGACTC
AluS	GGCGACAAAGCAAGA
AluS	GGGCGACAAAGCAAGACTC
AluS	GACAAAGCAAGACTCT
AluS	GGGCGACAAAGCAAGACT

AluS	GACAAAGCAAGACTCT
AluS	GGGCGACAAAGCAAGACTCT
AluS	GGCGACAAAGCAAGACTC
AluS	GACAAAGCAAGAC
AluS	GACAAAGCAAGACTCT
AluS	GACAAAGCAAGACTCT
AluS	GGGCGACAAAGCAAGACTCT
AluS	GGGCGACAAAGCAAGACTCT
AluS	GACAAAGCAAGACTCTTTCT
AluS	GGGCGACAAAGCAAGACTCT
AluS	GCGACAAAGCAAGACTC
AluS	GGGCGACAAAGCAAGACT
AluS	GACAAAGCAAGACTCT
AluS	GACAAAGCAAGACTCT
AluS	CGACAAAGCAAGACTC
AluS	GACAAAGCAAGACTCT
AluS	GGGCGACAAAGCAAGACTCTTT
AluS	GGGCGACAAAGCAAGACTCT
AluS	GGGCGACAAAGCAAGACTC
AluS	GGGCGACAAAGCAAGACTC
AluS	GGGCGACAAAGCAAGACTCT
AluS	GGGCGACAAAGCAAGACTCT
AluS	GACAAAGCAAGACTCT
AluS	GGGCGACAAAGCAAGACT
AluS	GGGCGACAAAGCAAGACT
AluS	GGCGACAAAGCAAGACTC
AluS	GGGCGACAAAGCAAGACTC
AluS	GGGCGACAAAGCAAGACTC
AluS	GACAAAGCAAGACTC
AluS	GGGCGACAAAGCAAGAC
AluS	GGGCGACAAAGCAAGACTC
AluS	GGGCGACAAAGCAAGACTC
AluS	GGGCGACAAAGCAAGACTCT
AluS	GGCGACAAAGCAAGACT
AluJ	CGAGACCCTGTC
AluSq	GAGGTTGAGGCT

AluJ	TTGTTGCCCAGG
AluJ	TCTCACTTTGTTGCCCAG
AluJ	TCTCACTTTGTTGCCCAGG
AluJ	TTTGTGCCCAGG
AluJ	TTGTTGCCCAGG
AluJ	GATCTCACTTTGTTGCCCAGG
AluJ	TTGTTGCCCAGG
AluJ	ATCTCACTTTGTTGCCCAGG
AluJ	TCTCACTTTGTTGCCCA
AluJ	TCTCACTTTGTTGCCCAGG
AluJ	CTTTGTTGCCCAGG
AluJ	TCTCACTTTGTTGCCCAGG
AluJ	TCTCACTTTGTTGCCCAGG
AluJ	CTCACTTTGTTGCCCAGG
AluJ	TCTCACTTTGTTGCCCAGG
AluJ	TCTCACTTTGTTGCCCAGG
AluJ	TCTCACTTTGTTGCCCAGG
AluJ	TCTCACTTTGTTGCCCAGG
AluJ	GATCTCACTTTGTTGCCCAGG
AluJ	GATCTCACTTTGTTGCCCA
AluJb	CTGGGCAACAAAGTGAGACC
AluJb	CTGGGCAACAAAGTGAG
AluJb	GCAACAAAGTGAGACC
AluJb	CTGGGCAACAAAGTGAGAC
AluJb	TGGGCAACAAAGTGAGA
AluJb	CTGGGCAACAAAGTGAGA
AluJb	TCTGGGCAACAAAGTGAGAC
AluJb	CTGGGCAACAAAGTGAGACC
AluJb	TCTGGGCAACAAAGTGAGACC
AluJb	CTGGGCAACAAAGTGAGAC
AluJb	CTGGGCAACAAAGTGAGACCT
AluJb	CTGGGCAACAAAGTGAGACC
AluJb	CTGGGCAACAAAGTGAGACC
MER5A	TGGAGTCCAGGA
MER5A	GAATCTGCATTTT
MER5A	TGGAGTCCAGGAATC

MIRc	CAGGGAGGTGAATGT
L2_Platt1o/MdoRep1_SINE_Metatheria	GAAGCTCCTTGAGG
L2_Platt1o/MdoRep1_SINE_Metatheria	AGGAGCTCACAG
L2_Platt1o/MdoRep1_SINE_Metatheria	GAGGAGCTCACAGTCTAGT
L2_Platt1o/MdoRep1_SINE_Metatheria	TCGAGGAGCTCACAGTCTAGT
L2_Platt1o/MdoRep1_SINE_Metatheria	AGGAGCTCACAGTCTAGT
L2_Platt1o/MdoRep1_SINE_Metatheria	GGAGCTCACAGTCT
L2_Platt1o/MdoRep1_SINE_Metatheria	AGGAGCTCACAGTCT
L2_Platt1o/MdoRep1_SINE_Metatheria	GGAGCTCACAGTCTAG
L2_Platt1o/MdoRep1_SINE_Metatheria	CGAGGAGCTCACAGTCTAG
L2_Platt1o/MdoRep1_SINE_Metatheria	AGGAGCTCACAGTCTAGT
L2_Platt1o/MdoRep1_SINE_Metatheria	AGGAGCTCACAGTCTAGT
L2_Platt1o/MdoRep1_SINE_Metatheria	GAGCTCACAGTCTAGT
L2_Platt1o/MdoRep1_SINE_Metatheria	TCGAGGAGCTCACAGTCTAGT
L2_Platt1o/MdoRep1_SINE_Metatheria	AGGAGCTCACAGTCTA
L2_Platt1o/MdoRep1_SINE_Metatheria	AGGAGCTCACAGTCTA
AAYZ01253455.1_1930x1824_RF00026_U6	CTGTGCTGCTGA
AAYZ01253455.1_1930x1824_RF00026_U6	CCAGTATTAACT
AAYZ01253455.1_1930x1824_RF00026_U6	CCAGTATTAACT
AAYZ01253455.1_1930x1824_RF00026_U6	AACTGTGCTGCTGA
AAYZ01253455.1_1930x1824_RF00026_U6	AACTGTGCTGCTG
AAYZ01253455.1_1930x1824_RF00026_U6	AACTGTGCTGCTGA
LTR16_FC	CCCTCCGCTGCTGCCA
LTR16_FC	CCCCCTCCGCTGCTGCC
CLOXA_CS_DNA_binding_protein_Canis_sp.	GGGCGACGCGGCGGG
CLOXA_CS_DNA_binding_protein_Canis_sp.	AGGGCGACGCGG
CLOXA_CS_DNA_binding_protein_Canis_sp.	CCCCAGGGCGAC
CLOXA_CS_DNA_binding_protein_Canis_sp.	CCCCAGGGCGACGCGGCGG
CLOXA_CS_DNA_binding_protein_Canis_sp.	GGGCGACGCGGCG
CLOXA_CS_DNA_binding_protein_Canis_sp.	CTTGCTTGCTGCC
CLOXA_CS_DNA_binding_protein_Canis_sp.	TGCCTTGCTGCCCGG
CLOXA_CS_DNA_binding_protein_Canis_sp.	GCTGCCCGGGCC
CLOXA_CS_DNA_binding_protein_Canis_sp.	CTTGCTTGCTGCC
CLOXA_CS_DNA_binding_protein_Canis_sp.	GCTGCCCGGGCC
AANU01178229.1_7254x6952_RF00100_7SK	CAGGCCAGGCACAGTGGCTCA
AANU01178229.1_7254x6952_RF00100_7SK	GGCCAGGCACAGTGGCTCA

AANU01178229.1_7254x6952_RF00100_7SK
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AANU01178229.1_7254x6952_RF00100_7SK
AANU01178229.1_7254x6952_RF00100_7SK

EnSpm2_SB_EnSpm_Sorghum_bicolor
EnSpm2_SB_EnSpm_Sorghum_bicolor
EnSpm2_SB_EnSpm_Sorghum_bicolor
EnSpm2_SB_EnSpm_Sorghum_bicolor
EnSpm2_SB_EnSpm_Sorghum_bicolor
EnSpm2_SB_EnSpm_Sorghum_bicolor
EnSpm2_SB_EnSpm_Sorghum_bicolor
EnSpm2_SB_EnSpm_Sorghum_bicolor

L2_Platt1o
L2_Platt1o
L2_Platt1o
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L2_Platt1o
L2_Platt1o

ERV1_N6_I_DR_ERV1_Danio_riero
ERV1_N6_I_DR_ERV1_Danio_riero
ERV1_N6_I_DR_ERV1_Danio_riero
ERV1_N6_I_DR_ERV1_Danio_riero

LINE1-21_ZM
LINE1-21_ZM

AGGCCAGGCACAGTGGCTCA
AGGCCAGGCACAGTGGCTCA
AGGCCAGGCACAGTGGCTCA
AGGCCAGGCACAGTGGCTCA
GGCCAGGCACAGTGGCTCA
AGGCCAGGCACAGTGGCTCA
TAATATAAATTTAA
AAATTTAATTTATT
AATATAAATTTAAT
TAAATTTAATTT
TATAAATTTAATTTATT
ATAAATTTAATTTAT
TATAAATTTAATTTA
CTGTAATATAAATTTA
CTAGATTGTGAGCTCCT
AAGGAGCTCACAG
AGCTCACAGTCTA
GGAGCTCACAGTCT
AAGGAGCTCACAGTCT
AAGGAGCTCACAGTCTA
AAGGAGCTCACAGTCTA
AAGGAGCTCACAGTCTA
GGAGCTCACAGTCTA
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AAGGAGCTCACAGTCTA
AAGGAGCTCACAGTCTA
AAGGAGCTCACAGTCTA
ATGTATGTGTGCAT
TGTATGTGTGCATGTGC
TGTATGTGTGCATGTG
ATGTATGTGTGCATG
GCTCTGACTTTATT
GCTCTGACTTTATTG

LINE1-21_ZM	CTCTGACTTTATTG
LINE1-21_ZM	GCTCTGACTTTATT
LINE1-21_ZM	TGACTTTATTGCA
THER1_SINE_Mammalia	TGCTTCCATGTT
THER1_SINE_Mammalia	CTTAAACGTGGAT
THER1_SINE_Mammalia	AACGTGGATGTACTT
THER1_SINE_Mammalia	TGCTTCCATGTT
THER1_SINE_Mammalia	CTTTAACATGGAAGT
THER1_SINE_Mammalia	ACTTTAACATGGA
THER1_SINE_Mammalia	TGCTTCCATGTT
THER1_SINE_Mammalia	CCATGTTTCAGTGG
THER1_SINE_Mammalia	GGGGGTACCTGCTG
THER1_SINE_Mammalia	TGGGGGTACCTGC
THER1_SINE_Mammalia	GGGGGTACCTGCTG
THER1_SINE_Mammalia	ACTTTAACATGGAG
THER1_SINE_Mammalia	TGCTTCCATGCTT
THER1_SINE_Mammalia	TGCTTCCATGCTT
THER1_SINE_Mammalia	AATTGCTTCCATGTTT
THER1_SINE_Mammalia	ATTGCTTCCATGTTT
L1PA13_5	TGTGACTGCATTATGAAAATTCT
L1PA13_5	TGTGACTGCATTATGAAAATTCT
L1PA13_5	TGTGACTGCATTATGAAAATTCT
L1PA13_5	TGTGACTGCATTATGAAAATTCT
L1PA13_5	TGTGACTGCATTATGAAAATTCT
L1PA13_5	TGTGACTGCATTATGAAAATTCT
L1MC3	TAAAGAACTCTTAAAACCCAAT
L1PB1	GGATAAAAGACTACATATT
L1PB1	GGATAAAAGACTACA
Alu2_TS	AGGCTGAGACTGCAGTG
GOLEM	TGGGAGCAATGGGGT
GOLEM	TGTAGCCTGGGAGCAAT
COPIA1-LTR_LC	AGGCCTTTCTGAACCT
Chapaev_8_HM_Chapaev_Hydra_magnipapillata	ATGTGTGTGTAT
Chapaev_8_HM_Chapaev_Hydra_magnipapillata	ATGTGTGTGTAT
Chapaev_8_HM_Chapaev_Hydra_magnipapillata	TATGTGTGTGTAT
Chapaev_8_HM_Chapaev_Hydra_magnipapillata	ATATGTGTGTGT

Chapaev_8_HM_Chapaev_Hydra_magnipapillata	ATATGTGTGTGT
Chapaev_8_HM_Chapaev_Hydra_magnipapillata	GATATGTGTGTGT
Chapaev_8_HM_Chapaev_Hydra_magnipapillata	TATGGATATGTGTGTGTAT
Chapaev_8_HM_Chapaev_Hydra_magnipapillata	TGTATGGATATGTGTGTGT
Chapaev_8_HM_Chapaev_Hydra_magnipapillata	TATGTGTGTGTAT
Chapaev_8_HM_Chapaev_Hydra_magnipapillata	TATGTGTGTGTAT
Chapaev_8_HM_Chapaev_Hydra_magnipapillata	TATGTGTGTGTAT
Chapaev_8_HM_Chapaev_Hydra_magnipapillata	TATGTGTGTGTAT
Chapaev_8_HM_Chapaev_Hydra_magnipapillata	TATGTGTGTGTAT
Chapaev_8_HM_Chapaev_Hydra_magnipapillata	TATGTGTGTGTAT
Chapaev_8_HM_Chapaev_Hydra_magnipapillata	ATATGTGTGTGTAT
GRANDE1_ZD_I	CTGGGGAGATCC
GRANDE1_ZD_I	TCCTCGAGGTTGG
GRANDE1_ZD_I	CTGGGGAGATCCTC
GRANDE1_ZD_I	AGGATCTCCCCAGC
MurSatRep1	GGATTACAAGTGT
MER6B	TGTGACTTTAAGGG
MuDR_1_NV_MuDR_Nematostella_vectensis	GGAATCTGTATATAT
MuDR_1_NV_MuDR_Nematostella_vectensis	TATGGAATCTGTAT
MuDR_1_NV_MuDR_Nematostella_vectensis	TATGGAATCTGTAT
TguERVK1N3_I_ERV2_Estrildidae	GCCGGGCCCCGGG
TguERVK1N3_I_ERV2_Estrildidae	GCGCCGGGCCCC
TguERVK1N3_I_ERV2_Estrildidae	CGCGCCGGGCCCC
TguERVK1N3_I_ERV2_Estrildidae	CGCGCCGGGCCCCGGGTT
LTR16D2	GCTACTCAGGTCTG
LTR16D2	CTACTCAGGTCTG
LINE2_Non_LTR_retrotransposon_Eutheria	TAGGTGTCCAGTAA
LINE2_Non_LTR_retrotransposon_Eutheria	TAGGTGTCCAGTAA
hATm_28_HM_hAT_Hydra_magnipapillata	ACACACCTGGTTAAC
MARNA	GTCTCAGTTACTTT
MARNA	AGCAATGAGACTGAT
MARNA	TTATAAAGCAATGAG
MARNA	TTATAAAGCAATGA
MamSINE1	TCTCACACAGAAAT
MIR3	ACTCCTAGTCCAGGGCTC
MER44C_Mariner_Tc1_Homo_sapiens	AAAGAAATTCTT

Copia_53_SB_I_Copia_Sorghum_bicolor	CACCCTGCATCCCGCACC
Copia_53_SB_I_Copia_Sorghum_bicolor	ATCCCGCACCCAG
Copia_53_SB_I_Copia_Sorghum_bicolor	CCCTGCATCCCGCACC
SETARIA1	CGGGGATCGCCGAGG
SETARIA1	CGCGGGGATCGCCGAGGG
Copia-8_TA-I	AGCAGGTGCGGGGCGGCCG
DNA_2_12_DR_DNA_transposon_Danio_rerio	ATGGAATGTATATACGGAATA
tRNA-Thr-ACY_	TGTTTCCCCCACG
tRNA-Thr-ACY_	GGAGATCCTGGGTT
tRNA-Thr-ACY_	AGGAGATCCTGGG
MER96	TTGCATGACCCTGGGA
L1MEC_5_L1M4_5_Eutheria	AGAGAAAAGTAAATGA
L1MEC_5_L1M4_5_Eutheria	TAAGAGAAAAGTAAATGA
Copia_131_SB_I_Copia_Sorghum_bicolor	AGGTGTGATATTGTGGT
Copia_131_SB_I_Copia_Sorghum_bicolor	CTGGGAGGTGTGAT
CER15_I_CE_LTR_Retrotransposon_Caenorhabditis_elegans	TAGAGGAAAATCCA
CER15_I_CE_LTR_Retrotransposon_Caenorhabditis_elegans	ATCATAGAGGAA
CER15_I_CE_LTR_Retrotransposon_Caenorhabditis_elegans	GGAAAATCCACGT
CER15_I_CE_LTR_Retrotransposon_Caenorhabditis_elegans	AGGAAAATCCACGT
CER15_I_CE_LTR_Retrotransposon_Caenorhabditis_elegans	ATCATAGAGGAAAATCC
CER15_I_CE_LTR_Retrotransposon_Caenorhabditis_elegans	ATCATAGAGGAAAA
CER15_I_CE_LTR_Retrotransposon_Caenorhabditis_elegans	CTTCTATGAGTA
CER15_I_CE_LTR_Retrotransposon_Caenorhabditis_elegans	TCTCCTTCTATGAGT
CER15_I_CE_LTR_Retrotransposon_Caenorhabditis_elegans	TAGAGGAAAATCCA
CER15_I_CE_LTR_Retrotransposon_Caenorhabditis_elegans	AAAATCCATGTT
CER15_I_CE_LTR_Retrotransposon_Caenorhabditis_elegans	ATCATAGAGGAA
CER15_I_CE_LTR_Retrotransposon_Caenorhabditis_elegans	GAAAATCCATGTT
CER15_I_CE_LTR_Retrotransposon_Caenorhabditis_elegans	GAAAATCCATGTT
CER15_I_CE_LTR_Retrotransposon_Caenorhabditis_elegans	ATCATAGAGGAAAATCC
CER15_I_CE_LTR_Retrotransposon_Caenorhabditis_elegans	ATCATAGAGGAAAA
CER15_I_CE_LTR_Retrotransposon_Caenorhabditis_elegans	AACATAGAGGAAA
CER15_I_CE_LTR_Retrotransposon_Caenorhabditis_elegans	CATAGAGGAAATTC
MIRc	CTGGACTTGAGGCAGAA
ABDC01224945.1_1546x1450_RF00019_Y_RNA	AGAACAAAGGAC
ABDC01224945.1_1546x1450_RF00019_Y_RNA	AGAGAACAAAGG
ABDC01224945.1_1546x1450_RF00019_Y_RNA	AGAGAACAAAGGA

MIR	GGAAACTGAGGCAG
MIR	GGAAACTGAGGCAG
MIR	GGTGTGGAAACTGAGGCA
MIR	GGAAACTGAGGCAG
MIR	GGAAACTGAGGCA
MIR2_Repetitive_sequence_Mammalia	TCAACAGACATT
MIR2_Repetitive_sequence_Mammalia	CAACAGACATTAA
MIR2_Repetitive_sequence_Mammalia	ATCAACAGACATT
MIR2_Repetitive_sequence_Mammalia	ATCAACAGACATTAATTG
Gypsy154_I_DR_Gypsy_Danio_erio	TGTTCTCTGTCT
Ginger1_6_HM_Ginger1_Hydra_magnipapillata	TTTTGCGATGTGTTCT
Ginger1_6_HM_Ginger1_Hydra_magnipapillata	ATTTTGCATTCAT
Ginger1_6_HM_Ginger1_Hydra_magnipapillata	CATTTTGCATTCAT
Ginger1_6_HM_Ginger1_Hydra_magnipapillata	TGTGTTCTAATAT
Ginger1_6_HM_Ginger1_Hydra_magnipapillata	TTTGCGATGTGTTCC
Ginger1_6_HM_Ginger1_Hydra_magnipapillata	TTTTGCAATATGT
Ginger1_6_HM_Ginger1_Hydra_magnipapillata	TTTTGCAATATGTTCTGAATA
CR1_79_HM_CR1_Hydra_magnipapillata	ATACACATACAC
L2B	CTACTGTGTGCCAGG
L2B	CTACTGTGTGCCAGG
L2B	GTCTACTGTGTGCCAGG
L2B	TCTACTGTGTGCCAGG
L2B	GTACATGGTAGGCTTT
L2B	TTGTACATGGTA
GYP50_I_Gypsy	TGTCCCTGGGTGAGA
GYP50_I_Gypsy	TGTCCCTGGGTGAGA
GYP50_I_Gypsy	TTGTCCCTGGGTG
MER5A1	ATTCTGCATTTTTAGCAAGTTC
MER5A1	CATTTTTAGCAAGTT
MER5A1	TTTTTAGCAAGTTC
MER5A1	ATTCTGCATTTTTAGCAAGTTC
MER5A1	CTGCATTTTTAGCAAGTT
MER5A1	CATTTTTAGCAAGT
MER5A1	ATTCTGCATTTTT
MER5A1	TTCTGCATTTTTAGCAA
MER5A1	TCTGCATTTTTAGCAAGTTC

MER5A1	TTGTGCATTTCTAA
MIR2_Repetitive_sequence_Mammalia	TAAATGTTTATTAGATGA
MADE1	CAAAACTGGCAATTACTTTTGC
MADE1	CAATTACTTTTGC
MADE1	CAATTACTTTTGC
MADE1	CAATTACTTTTGC
MADE1	CAATTACTTTTGC
MADE1	GCAATTACTTTTGC
MADE1	GCAATTACTTTTGC
MADE1	GCAATTACTTTTGC
MADE1	GCAATTACTTTTGC
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MADE1	CAATTACTTTTGC
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MADE1	CAAAACTGGCAATTACTTTTGC
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MADE1	GCAATTACTTTTGC
MADE1	CAATTACTTTTGC
MADE1	CAATTACTTTTGC
MADE1	GCAATTACTTTTGC
MADE1	GCAATTACTTTTGC
MADE1	CAATTACTTTTGC
MADE1	GCAATTACTTTTGC
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MADE1	CAATTACTTTTGC
MADE1	GCAATTACTTTTGC
MADE1	GCAATTACTTTTGC

MADE1	AAAAACTGTAATTACTTTT
MADE1	AAAAACTGTAATTACTTTT
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MADE1	AAAAACTGTAATTACTTTT
MADE1	AAAAACTGTAATTAC
MADE1	AAAAACTGTAATTAC
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MADE1	TAATTACTTTTGTAC
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MADE1	AAAAGTAATTGCGGATTTTGCC
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MADE1	AAAAGTAATTGCGGATTTTGCC

MADE1	CAATTACTTTTGC
MADE1	CAATTACTTTTGC
MADE1	CAATTACTTTTGC
MADE1	TTACTTTTGCACCA
MADE1	TTACTTTTGCACCA
MADE1	TTACTTTTGCACCA
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MADE1	TTACTTTTGCACCA
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MADE1	TTACTTTTGCACCA
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MADE1	TTACTTTTGCACCA
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MADE1	AAAAGTAACTGCGGTTTTTG
MADE1	AAAAGTAACTGCGGTTTTTGC
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MADE1	TGCAAAAAGTAATTGCAGTTTTTG
MADE1	CAAAAACCGCAATTACTTTTGCA

GarnAlu1	CGCCTGTGATCCC
GarnAlu1	GGGCGCCTGTGATCCCA
GarnAlu1	GGGCGCCTGTGATCCCA
GarnAlu1	GGGCGCCTGTGATCCCA
GarnAlu1	GGGCGCCTGTGATCCCA
GarnAlu1	GGGCGCCTGTGATCCCA
GarnAlu1	GGCGCCTGTGATCCCAAC
GarnAlu1	GCCTGTGATCCCA
GarnAlu1	GCGCCTGTGATCCCAAC
CR1_16_HM_CR1_Hydra_magnipapillata	AGTATGTTCTTCCAGG
EnSpm_7_HM_EnSpm_Hydra_magnipapillata	ATGTATAAATGTAT
EnSpm_7_HM_EnSpm_Hydra_magnipapillata	TATAAATGTATACACA
EnSpm_7_HM_EnSpm_Hydra_magnipapillata	TATAAATGTATACACAC
MADE1	CAGCAATTACCTTT
MADE1	GAAAACAGCAATTACCTTT
MADE1	CGAAAACAGCAATTA
MADE1	TTGCAGTTTTTCCC
hAT-N53_DR	CATGCACACACCCACA
hAT-N53_DR	CACACACCCACA
hAT-N53_DR	CACGCTCATGCAC
hAT-N53_DR	TGAGTGTGTGTGTGAGTGTGT
hAT-N53_DR	GTGTGTGTGTGTGAGTGTG
hAT-N53_DR	TGAGTGTGTGTGTGTG
hAT-N53_DR	TGAGTGTGTGTGTGTGAGTGTGT
hAT-N53_DR	GTGTGTGTGTGTGAGTGTGT
hAT-N53_DR	GTGTGTGTGTGTGAGTGTG
hAT-N53_DR	GTGTGTGTGTGTGAG
hAT-N53_DR	GTGTGTGTGTGTGAGTGTGT
hAT-N53_DR	GTGTGTGTGTGTGAGTGTG
hAT-N53_DR	GTGTGTGTGTGTGAG
hAT-N53_DR	GTGTGTGTGTGTGAGTGTGT
hAT-N53_DR	GTGTGTGTGTGTGAGTGTGT
hAT-N53_DR	GTGTGTGTGTGTGAGTGTG
hAT-N53_DR	TGTGTGTGTGTGAGTGTGT
hAT-N53_DR	GTGTGTGTGTGTGAGTGTGT
hAT-N53_DR	GTGTGTGTGTGTGAGTGTGT

hAT-N53_DR	GTGTGTGTGTGTGAGTGTGT
hAT-N53_DR	TGTGTGTGTGTGAGTGTGT
hAT-N53_DR	GTGTGTGTGTGTGAGTGTGT
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hAT-N53_DR	GTGTGTGTGTGTGAGTGTG
hAT-N53_DR	GTGTGTGTGTGTGAGTGTG
hAT-N53_DR	GTGTGTGTGTGTGAGTGTG
hAT-N53_DR	GTGTGTGTGTGTGAGTGTG
hAT-N53_DR	TGAGTGTGTGTGTGAGTGTG
hAT-N53_DR	GTGTGTGTGTGAGTGTG
hAT-N53_DR	GTGTGTGTGTGTG
hAT-N53_DR	GTGTGTGTGTGTG
hAT-N53_DR	TGAGTGTGTGTGTG
hAT-N53_DR	TGAGTGTGTGTGTG
hAT-N53_DR	GAGTGTGTGTGTGAGTGTG
hAT-N53_DR	GTGTGTGTGTGTGAG
hAT-N53_DR	GTGTGTGTGTGTGAG
hAT-N53_DR	GTGTGTGTGTGTGA
hAT-N53_DR	GTGTGTGTGTGTGAGTGTGT
MADE1	TTCATTTGGTATA
L3	AACTGGTTGAACAA
L3	ACAGTTGTTCAACC
L3	TGTTCAACCAGTT
L3	TGTTCAACCAGTT
MER81	TTGCCTGGGACTGAG
CACTA_LP	CGTTGTCATCGTCA
CACTA_LP	TCATCGTTGTCATCGTCA
LTR96_MD	ATTGTTGGAGGAG
LTR96_MD	ATTGTTGGAGGAG
MADE1	GCAATTACTTTTGC
MADE1	GCAATTACTTTTGC
MADE1	CAATTACTTTTGC
MADE1	TGCAATTACTTTTGC

MADE1	ACTGCAATTACTTTTGC
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MADE1	ACTGCAATTACTTTTGC
MADE1	GCAATTACTTTTGC
MADE1	CAATTACTTTTGC
L2	CTTCAGTGACTT
EnSpm_7_HM_EnSpm_Hydra_magnipapillata	GAGATAGATATAGA
L1MC1_EC	AGGGGGAAAGTTCT
ENSPM1_ZM	CGCGGGCGGGTG
L1MB3_EC	GTGGCTTTCTTA
CHARLIE3	GCTGGTACTGCTGA
MER91C	AGGAGAGGGTGCCA
L2_Platt1r	AAGGAGCTTACAATCTAGCTGG
L2_Platt1r	AGGAGCTTACAATCTAGCTGGG
L2_Platt1r	AAGGAGCTTACAATCTAG
L2_Platt1r	AGGAGCTTACAATCTAG
L2_Platt1r	AAGGAGCTTACAATCTAG
L2_Platt1r	AAGGAGCTTACAATCTAG
L2_Platt1r	GAGCTTACAATCTAG
L2_Platt1r	AAGGAGCTTACAATCTAGC
L2_Platt1r	AAGGAGCTTACAATCTA
L2_Platt1r	AAGGAGCTTACAATCTA
L2_Platt1r	AGGAGCTTACAATCTA
L2_Platt1r	AAGGAGCTTACAATCTA
L2_Platt1r	AAGGAGCTTACAA
L2_1b_Cis_CR1_Ciona_savignyi	AAGACTAGTGATTTT
L2_1b_Cis_CR1_Ciona_savignyi	ACTAGTGATTTTGT
L2_1b_Cis_CR1_Ciona_savignyi	GTGATTTTGTGT
HERVS71	CTGGGGCCTCCA
HERVS71	CTGGGGCCTCCA
NonLTR_5_CR_Non_LTR_Retrotransposon_Chlamydomonas_reinhardtii	GGCTGGGGCCGGGGCC
NonLTR_5_CR_Non_LTR_Retrotransposon_Chlamydomonas_reinhardtii	GGCTGGGGCCGGGGCC
NonLTR_5_CR_Non_LTR_Retrotransposon_Chlamydomonas_reinhardtii	GGGGCTGGGGCCGGGGCCG

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