Supplemental Table B. miRNAs in Introns of Non-Coding Transcription Units

microRNA	miR Copy Number (identical)	miR Chr Location	Host Gene/TU	Host Gene/TU Details	microRNA Mapping Position Within Host Gene/TU	Host Gene/TU Expression	Expression Source/Ref
hsa-let-7d	1	9	OTTHUMG00000020259	Vega mlncRNA (bA2B6.1)	Within Intron 3		
mmu-let-7d	1	13			undefined		
hsa-miR-7-2	3	15			undefined		
mmu-miR-7-2	2	7	ENSMUSESTG00000007393	Possible mlncRNA	Within Intron 1		
hsa-miR-15a	1	13	OTTHUMG00000016927; ENSESTG00000016967	DELETED IN LYMPHOCYTIC LEUKEMIA 2 (DLEU2) mlncRNA DELETED IN LYMPHOCYTIC	Within Intron 4	High expression in fetal liver, testis. Moderate expression in thymus	Bullrich F, et. al. Characterization of the 13q14 tumor suppressor locus in CLL: identification of ALT1, an alternative splice variant of the LEU2 gene. Cancer Res. 2001 Sep 15;61(18):6640-8
h :D 1 C 1	2	12	OTTHUMG00000016927;	LEUKEMIA 2 (DLEU2)	Million Takana 4		
mmu-miR-15a	2	13	ENSESTG00000016967 ENSMUSESTG00000010266	mIncrna DELETED IN LYMPHOCYTIC LEUKEMIA 2 (DLEU2) mIncrna DELETED IN LYMPHOCYTIC LEUKEMIA 2 (DLEU2)	Within Intron 4 Within Intron 1	same	same
mmu-miR-16-1 mmu-miR-15a	2	14 14	ENSMUSESTG00000010266 1810047A16 RIKEN	mIncRNA FANTOM2 mIncRNA [DELETED IN LYMPHOCYTIC LEUKEMIA 2 (DLEU2)]	Within Intron 1 Within Intron 4		
mmu-miR-16-1	2	14	1810047A16 RIKEN	FANTOM2 mlncRNA [DELETED IN LYMPHOCYTIC LEUKEMIA 2 (DLEU2)]	Within Intron 4		

			ENSESTG00000011458/OTTH				
hsa-miR-30a	1	6	UMG00000011436/01111	Possible mlncRNA	Within Intron 3		
nsa miit saa	-	Ŭ	ENSESTG00000011458;	1 055151C THITIERA TA	Wichin Theren 5		
hsa-miR-30a*	1	6	OTTHUMG00000015006	Possible mlncRNA	Within Intron 3		
			ENSESTG00000011458;				
hsa-miR-30c-2	2	6	OTTHUMG00000015006	Possible mlncRNA	Within Intron 3		
mmu-miR-30a	1	1			undefined		
mmu-miR-30a*	1	1			undefined		
mmu-miR-30c-2	2	1			undefined		
hsa-miR-31	1	9	OTTHUMG00000019681	Vega mlncRNA (bA354P17.9)	Within Intron 1		
mmu-miR-31	1	4			undefined		
				Possible mlncRNA			
hsa-miR-100	1	11	ENSESTG00000015836	(ENSESTT00000036713)	Within Intron 2		
	-			Possible mlncRNA			
hsa-let-7a-2	3	11	ENSESTG00000015836	(ENSESTT00000036713)	Within Intron 2		
					Within Intron 2		
I 'D 40EL 4	_		FNGFGTGGGGGGGG	Possible mlncRNA	(evidence for		
hsa-miR-125b-1	2	11	ENSESTG00000015836	(ENSESTT00000036713)	alternative splicing)		
					Within Intron 1		
				Possible mlncRNA	(evidence for		
hsa-miR-125b-1	2	11	ENSESTG00000015836	(ENSESTT00000036715)	alternative splicing)		
mmu-miR-100	1	9	ENSMUSESTG00000011922	Possible mlncRNA	Within Intron 4		
mmu-let-7a-2	2	9	ENSMUSESTG00000011922	Possible mlncRNA	Within Intron 4		
					Within Intron 4		
	_	_			(evidence for		
mmu-miR-125b-1	2	9	ENSMUSESTG00000011922	Possible mlncRNA	alternative splicing)		
					Within Intron 1		
					(evidence for		
mmu-miR-125b-1	2	9	ENSMUSESTG00000011923	Possible mlncRNA	alternative splicing)		
111110 111111 1250 1	_		ENSINOSES (G00000011) 25	1 000 DIC TIME COUNTY	arcernative spricing)		
					Within Intron 1		
					(evidence for		
mmu-miR-125b-1	3	9	2610203C20 Riken	FANTOM2 mlncRNA	alternative splicing)		
					Within Intron 1		
					(evidence for		
hsa-miR-129-2	2	11	11_43541975/glakarby	Possible mlncRNA	alternative splicing)	Well expressed	Aceview/Acembly
mmu-miR-129-2	2	2			undefined		3511511,110011101,
	_	_					

hsa-miR-132	1	17			undefined		
hsa-miR-212	1	17	ENSMUSESTG00000011295		undefined		
mmu-miR-132	1	11	Mbuild 30 ENSMUSESTG00000011295	Possible mlncRNA	Within Intron 1		
mmu-miR-212	1	11	Mbuild 30	Possible mlncRNA	Within Intron 1		
			3 52291509/swofaw			Expressed at	
hsa-miR-135a-1	2	3	AceView	Possible mlncRNA	Within Intron 1	moderate levels	AceView/Acembly
I ID 425 4			3_52286238/swarfaw	B 314 4 BMA	Within Exon on	Expressed at	A 10 (A 11
hsa-miR-135a-1	2	3	AceView	Possible mlncRNA	opposite strand Within Exon 4 on	moderate levels	AceView/Acembly
					opposite strand (note		
mmu-miR-135a-1	2	0	6230410P16 RIKEN	GLYCERATE KINASE-like	miR maps within		
mmu-mik-135a-1	2	9	6230410P16 RIKEN	gene	3'UTR)		
hsa-miR-135a-2	2	12	NCRMS NCBI; 12_96361263/yase AceView	Non Coding RNA in rhabdomyosarcoma (RMS) (NCRMS)	Within Intron 9	Weak expression in brain, testis, and liver. Expressed in Rhabdomyosarcoma alveolar tumor tissue.	Chan AS, Thorner PS, Squire JA, Zielenska M. Identification of a novel gene NCRMS on chromosome 12q21 with differential expression between rhabdomyosarcoma subtypes. Oncogene. 2002 May 2;21(19):3029-37
1134 THIN 1334 Z	_	12	12_30301203/ 4030 /10011011		Within The on 5	tissuc.	2,21(13):3023 37
				FANTOM2 mlncRNA [Non			
mmu-miR-135a-2	2	10	D930049J19 RIKEN	FANTOM2 mlncRNA [Non Coding RNA in rhabdomyosarcoma (RMS) (NCRMS)] [Non Coding RNA in rhabdomyosarcoma (RMS)	Within Intron 7		
mmu-miR-135a-2 mmu-miR-135a-2	2	10 10	D930049J19 RIKEN ENSMUSESTG000000002435	Coding RNA in rhabdomyosarcoma (RMS) (NCRMS)] [Non Coding RNA in	Within Intron 7 Within Intron 1		
				Coding RNA in rhabdomyosarcoma (RMS) (NCRMS)] [Non Coding RNA in rhabdomyosarcoma (RMS)			
				Coding RNA in rhabdomyosarcoma (RMS) (NCRMS)] [Non Coding RNA in rhabdomyosarcoma (RMS)			

hsa-miR-138-1	2	3			not enough information		
'D 120 1	2	0	ENGNUCECT COCCOCCOCCOCC	D '11 DNA	Within Intron 1 on		
mmu-miR-138-1	2	9	ENSMUSESTG00000023216	Possible mlncRNA	opposite strand		
		40					
hsa-miR-141 hsa-miR-200c	1 1	12 12			undefined undefined		
IISa-IIIIK-ZUUC	1	12	ENSMUSESTG00000015291		undenned		
mmu-miR-141	1	6	MBuild30	Possible mlncRNA	Within Intron 1		
		_	ENSMUSESTG00000015291				
mmu-miR-200c	1	6	MBuild30	Possible mlncRNA	Within Intron 1		
hsa-miR-154	1	14			undefined		
mmu-miR-154	1	12	ENSMUSESTG00000016217	Possible mlncRNA	Within Intron 2		
	_						
hsa-miR-181a	3	9	OTTHUMG00000020657	Vega mlncRNA (bA348K2.1)	Within Intron 1		
hsa-miR-181b-2	3	9	OTTHUMG00000020657	Vega mlncRNA (bA348K2.1)	Within Intron 1		
				ORPHAN NUCLEAR			
				RECEPTOR NR6A1 (GERM			
				CELL NUCLEAR FACTOR) (GCNF) (RETINOID			
				RECEPTOR-RELATED TESTIS			
				SPECIFIC RECEPTOR) (RTR).			
			OTTI II IMCOOOOOOOOOOOOO	NR6A1	Within Intern 2 and		
hsa-miR-181a	3	9	OTTHUMG00000020661/ENS G00000148200	[Source:SWISSPROT;Acc:Q1 5406]	opposite strand	Testis specific	SWISSPROT
nod milk 101d	J		3000001.0200	ORPHAN NUCLEAR	opposite straina	restis specific	5W155FR6T
				RECEPTOR NR6A1 (GERM			
				CELL NUCLEAR FACTOR)			
				(GCNF) (RETINOID RECEPTOR-RELATED TESTIS			
				SPECIFIC RECEPTOR) (RTR).			
				NR6A1			
hsa-miR-181b-2	3	9	OTTHUMG00000020661/ENS G00000148200	[Source:SWISSPROT;Acc:Q1 5406]	Within Intron 2 on opposite strand	Testis specific	SWISSPROT

mmu-miR-181a	3	2	ENSMUSG00000026752	ORPHAN NUCLEAR RECEPTOR NR6A1 (GERM CELL NUCLEAR FACTOR) (GCNF) (RETINOID RECEPTOR-RELATED TESTIS SPECIFIC RECEPTOR) (RTR). NR61_MOUSE [Source:SWISSPROT;Acc:Q6 4249]	Within Intron 3 on opposite strand
mmu-miR-181b-2	3	2	ENSMUSG00000026752	ORPHAN NUCLEAR RECEPTOR NR6A1 (GERM CELL NUCLEAR FACTOR) (GCNF) (RETINOID RECEPTOR-RELATED TESTIS SPECIFIC RECEPTOR) (RTR). NR61_MOUSE [Source:SWISSPROT;Acc:Q6 4249]	Within Intron 3 on opposite strand
				•	
mmu-miR-181b-2	3	2	C230005004 RIKEN	FANTOM2 mlncRNA	Within Exon 1 on opposite strand
				PROBABLE ISOLEUCYL TRNA	
				SYNTHETASE (Swiss Prot:	Within Intron 12 on
hsa-miR-194-1	2		ENSG00000067704	NM_018060)	opposite strand
mmu-miR-194-1	2	1	2010103J01 RIKEN	FANTOM2 mlncRNA SIMILAR TO MITOCHONDRIAL ISOLEUCINE TRNA SYNTHETASE. [Source:SPTREMBL;Acc:Q8BI	Within Intron 12 on
mmu-miR-194-1	2	1	ENSMUSG00000026618	P3]	opposite strand
hsa-miR-213	1	1			undefined
hsa-miR-181b-1	2	1	ENCAUCECT COOCOO 1 2226	D	undefined
mmu-miR-213	1	1	ENSMUSESTG00000012306	Possible mlncRNA	Within Intron 2 Within Intron 1 on
mmu-miR-213	1	1	ENSMUSESTG00000012309	Possible mlncRNA	opposite strand
mmu-miR-181b-1	2	1	ENSMUSESTG00000012306	Possible mlncRNA	Within Intron 2 Within Intron 1 on
mmu-miR-181b-1	2	1	ENSMUSESTG00000012309	Possible mlncRNA	opposite strand
mmu-miR-181b-1	2	1	E130002N09 RIKEN	FANTOM2 mlncRNA	RIKEN mlncRNA maps next to miR precursor

hsa-miR-302	1	4	4_114030028/flygaw Aceview	Possible mlncRNA	Within Intron 2	Expressed at high levels	AceView/Acembly
hsa-miR-302	1	4	ENSG00000174720	HDCMA18P PROTEIN. [Source:RefSeq;Acc:NM_016 648]	Within Intron 8 on opposite strand		
mmu-miR-302	1	3	C330027G06 RIKEN	SIMILAR TO HDCMA18P PROTEIN. [Source: SPTREMBL (Q8K2Y6)]	Within Intron 8 on opposite strand		
	_						
hsa-miR-325 may no	ot be conse	erved					
mmu-miR-325	1	X	ENSMUSESTG00000006551	Possible mlncRNA	Within Intron 1		