

Supplemental Table D. miRNAs Found Either Exons or Introns of Transcripts

microRNA	miR Copy Number (identical)	miR Chr Location	Host Gene/TU	Host Gene/TU Details	microRNA Mapping Position Within Host Gene/TU	Host Gene Expression	Expression Source/Ref
hsa-miR-1-2	2	18	18_17664447/sweywu AceView	Possible miRNA (AK123912)	Within Exon 3 (evidence for alternative splicing)	Moderately expressed	AceView/Asembly
hsa-miR-133a-1	2	18	18_17664447/sweywu AceView	Possible miRNA (AK123912)	Within Exon 3 (evidence for alternative splicing)	Moderately expressed	AceView/Asembly
hsa-miR-1-2	2	18	18_17664447/sweywu AceView	Possible miRNA (BF672931)	Within Intron 3 (evidence for alternative splicing)	Moderately expressed	AceView/Asembly
hsa-miR-133a-1	2	18	18_17664447/sweywu AceView	Possible miRNA (BF672931)	Within Intron 3 (evidence for alternative splicing)	Moderately expressed	AceView/Asembly
hsa-miR-1-2	2	18	ENSG00000101752	UBIQUITIN LIGASE MIND BOMB. [Source:RefSeq;Acc:NM_020774]	Within Intron 12 on opposite strand		
hsa-miR-133a-1	2	18	ENSG00000101752	UBIQUITIN LIGASE MIND BOMB. [Source:RefSeq;Acc:NM_020774]	Within Intron 12 on opposite strand		
mmu-miR-1-2	2	18	ENSMUSG00000024294	MIND BOMB; DAPK-INTERACTING PROTEIN-1. [Source:RefSeq;Acc:NM_144860]	Within Intron 12 on opposite strand		
mmu-miR-133a-1	2	18	ENSMUSG00000024294	MIND BOMB; DAPK-INTERACTING PROTEIN-1. [Source:RefSeq;Acc:NM_144860]	Within Intron 12 on opposite strand		

hsa-miR-7-1	3	9	OTTHUMG00000020107/ENSG00000165119	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN K (HNRNP K) (DC-STRETCH BINDING PROTEIN) (CSBP) (TRANSFORMATION UPREGULATED NUCLEAR PROTEIN) (TUNP). HNRPK [Source:SWISSPROT;Acc:Q07244]	Within Intron 16	Ubiquitous	Affy U95A: 39415_at
hsa-miR-7-1	3	9	OTTHUMG00000020107	Vega miRNA (Isoform HNRPK-007)	Within Exon 2		
mmu-miR-7-1	3	13	ENSMUSG00000021546	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN K. [Source:SPTREMBL;Acc:Q8BGQ8]	Within Intron 13		
hsa-miR-9-2	2	5	ENSESTG00000010207; 5_88064702/norura AceView	Possible miRNA	Within Exon 4	Expressed at very high levels	AceView/Asembly
hsa-miR-9*-2	1	5	ENSESTG00000010207; 5_88064702/norura AceView	Possible miRNA	Within Exon 4	Expressed at very high levels	AceView/Asembly
hsa-miR-9-2	2	5	FLJ34037	FLJ miRNA (AK091356)	Within Exon 4		
hsa-miR-9*-2	1	5	FLJ34037	FLJ miRNA (AK091356)	Within Exon 4		
mmu-miR-9-2	2	13	ENSMUSG00000050334	Possible miRNA	Within Exon 1		
mmu-miR-9*-2	1	13	ENSMUSG00000050334	Possible miRNA	Within Exon 1		
mmu-miR-9-2	2	13	ENSMUSESTG00000007621	Possible miRNA	Within Intron 3		
mmu-miR-9*-2	1	13	ENSMUSESTG00000007621	Possible miRNA	Within Intron 3		
hsa-miR-21	1	17	17_58259287/VMP1 AceView	Possible miRNA (Isoform VMP1.n)	Within Intron 1		
hsa-miR-21	1	17	ENSG00000062716; 17_58259287/DKFZP566I133 AceView	VACUOLE MEMBRANE PROTEIN 1, VMP1 (SwissProt: NM_030938)	Within Exon 12 (note miR maps within 3'UTR)		

mmu-miR-21	1	11	ENSMUSG00000018171	VACUOLE MEMBRANE PROTEIN 1. [Source: RefSeq (NM_138839)]	Within Exon 12 (note miR maps within 3'UTR)	Rat VMP1 homolog induced in pancreatitis and restricted to acinar cells in pancreas. Widely expressed in other tissues in the rat	Duseti NJ, Jiang Y, Vaccaro MI, Tomasini R, Azizi Samir A, Calvo EL, Ropolo A, Fiedler F, Mallo GV, Dagorn JC, Iovanna JL. Cloning and expression of the rat vacuole membrane protein 1 (VMP1), a new gene activated in pancreas with acute pancreatitis, which promotes vacuole formation. Biochem Biophys Res Commun. 2002 Jan 18;290(2):641-9
hsa-miR-24-1	2	9	OTTHUMG00000020276/ENSG00000148120	Novel Protein (C9orf3) Peptidase M1, membrane alanine aminopeptidase motif (Interpro: IPR001930) Vega mIncRNA Isoform (C9orf3-016)	Within Intron 12	High expression in uterus and heart. Moderately expressed elsewhere	Affy U95A: 41207_at
hsa-miR-24-1	2	9	OTTHUMG00000020276	Novel Protein (Q8BHX5) Peptidase M1, membrane alanine aminopeptidase motif (Interpro: IPR001930)	Within Exon 4		
mmu-miR-24-1	2	13	ENSMUSG00000056748	Novel Protein (Q8BHX5) Peptidase M1, membrane alanine aminopeptidase motif (Interpro: IPR001930)	Within Intron 5		
hsa-miR-142	1	17	17_56884507/choysa AceView	Possible mIncRNA	Within Exon 1	Expressed at high levels	Aceview/Acemby
hsa-miR-142*	1	17	17_56884507/choysa AceView	Possible mIncRNA	Within Exon 1	Expressed at high levels	Aceview/Acemby
mmu-miR-142	1	11	ENSMUSG00000055313	Possible mIncRNA	Within Intron 1		
mmu-miR-142*	1	11	ENSMUSG00000055313	Possible mIncRNA	Within Intron 1		
hsa-miR-144	1	17	17_27334547/leyror AceView	Possible mIncRNA	Within Intron 1	Expressed at low levels	AceView/Acemby
mmu-miR-144	1	11	ENSMUSESTG00000012349 MBuild30	Possible mIncRNA	Within Exon 2		

hsa-miR-198	1	3	ENSG00000163430	FOLLISTATIN-RELATED PROTEIN 1 PRECURSOR (FOLLISTATIN-LIKE 1). FSTL1 [Source:SWISSPROT;Acc:Q12841]	Within Exon 10 (note miR maps within 3'UTR of some isoforms)	Highly expressed in the placenta, heart, aorta, testis, and adrenal gland.	Wang HQ, Takebayashi K, Tsuchida K, Nishimura M, Noda Y. Follistatin-related gene (FLRG) expression in human endometrium: sex steroid hormones regulate the expression of FLRG in cultured human endometrial stromal cells. J Clin Endocrinol Metab. 2003 Sep;88(9):4432-9
hsa-miR-198	1	3	ENSG00000163430/ENSESTG00000006172	FOLLISTATIN-RELATED PROTEIN 1 PRECURSOR (FOLLISTATIN-LIKE 1). FSTL1 [Source:SWISSPROT;Acc:Q12841]	Within Intron 8	same	same
mmu-miR-198 does not appear conserved							

hsa-miR-205	1	X	ENSESTG000000002401	Possible miRNA (ENSESTT000000005974)	Within Exon 3 (evidence for alternative splicing)		
hsa-miR-205	1	X	ENSESTG000000002401	Possible miRNA (ENSESTT000000005968)	Within Intron 3 (evidence for alternative splicing)		
mmu-miR-205	1	X	4631405K08 RIKEN	FANTOM2 miRNA	Within Exon 3		

hsa-miR-219-2	2	9	9_126531075/chalera AceView	Possible miRNA	Within Exon 1	Moderately expressed	Aceview/Asembly
mmu-miR-219-2	2	2	ENSMUSESTG000000007085 MBuild30	Possible miRNA	Within Intron 1		

hsa-miR-330	1	19	ENSG00000125746	ECHINODERM MICROTUBULE-ASSOCIATED PROTEIN-LIKE 2 (EMAP-2) (HUEMAP-2). ELM2 [Source: SWISSPROT (O95834)]	Within Intron 1	Differentially expressed in different regions of the brain. Widely expressed in other places	Affy U95A: 41328_s_at
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mmu-miR-330	1	7	1600029N02 RIKEN	ECHINODERM MICROTUBULE-ASSOCIATED PROTEIN-LIKE 2 (EMAP-2). [Source: SWISSPROT (O95834)]	Within Intron 2
mmu-miR-330	1	7	ENSMUSESTG00000013070	Possible miRNA	Within Exon 1