

Fiedler et al., Supplemental Table 2. High abundance microRNAs present in periovulatory granulosa cells isolated prior to and 4 hours after hCG stimulation.

High Abundance	MicroRNA Sequence ^a	Relative Fluorescence	Chromosome	Old Sanger Nomenclature
mmu-let-7a-1	TGAGG TAGTAGGTTGTATAGT T	27015	13	mmu-let-7a
mmu-let-7b	TGAGG TAGTAGGTTGTGTGGTT	17747	15	
mmu-let-7c-1	TGAGG TAGTAGGTTGTATGGTT	22463	16	mmu-let-7c
mmu-let-7d	AGAGG TAGTAGGTTGCATAGT T	19368	13	
mmu-let-7e	TGAGG TAGGAGGTTGTATAGT T	11278	17	
mmu-let-7f-1	TGAGG TAGTAGATTGTATAGT T	20744	13	mmu-let-7f
mmu-let-7g	TGAGG TAGTAGTTTGTACAGT T	12950	9	
mmu-let-7i	TGAGG TAGTAGTTTGTGCTGT T	12316	10	
mmu-miR-125a-5p	TCCCTGAGACCCTTTAACCTGTGA	15096	17	mmu-miR-125a
mmu-miR-15b	TAGCAGCACATCATGGTTTACA	18059	3	
mmu-miR-16	TAGCAGCACG TAAATATTGGCG	31971	3,14	
mmu-miR-17	CAAAGTGCTTACAGTGCAGGTAG (T)	12162	14	mmu-miR-17-5p
mmu-miR-195	TAGCAGCACAG AAATATTGGC	11705	11	
mmu-miR-20a	TAAAGTGCTTATAGTGCAGGTAG	11415	14	
mmu-miR-21	TAGCTTATCAGACTGATGTTGA	10681	11	
mmu-miR-23a	ATCACATGCCAGGGATTCC	11263	8	
mmu-miR-23b	ATCACATGCCAGGGATTACC	14782	13	
mmu-miR-25	CATTGCACTTGTCTCGGTCTGA	13309	5	
mmu-miR-26a	TTCAAGTAATCCAGGATAGGC T	21120	9,10	
mmu-miR-29a	TAGCACCATCTGAAATCGGTTA	10684	6	
mmu-miR-30b	TGTA AACATCCTACACTCAGCT	13392	15	
mmu-miR-30c	TGTA AACATCCTACACTCTCAGC	14194	1,4	
mmu-miR-322	CAGCAGCAATT CATGTTTGGGA	42177	X	mmu-miR-424
mmu-miR-322*	AAACATGAAGCGCTGCAACA C	11118	X	mmu-miR-322
mmu-miR-351	TCCCTGAGGAGCCCTTTGAGCCTG	12264	X	
mmu-miR-451	AAACCGTTACCATTACTGAGTT	51789	11	
mmu-miR-672	TGAGGTTGGTGTACTGTGTGTGA	10155	X	
mmu-miR-689	CGTCCCCGCTCGGCGGGGTCC	16527	1,16	
mmu-miR-709	GGAGGCAGAGGCAGGAGGA	24913	8	
mmu-miR-762	GGGGCTGGGGCCGGGACAGAGC	17370	7	
hsa-mir-638	AGGGATCGCGGGCGGGTGGCGGCCT	17131	19	

^a Bold sequences are those microRNAs detected in whole ovarian tissues by Ro et al. [43]. Bases listed in black refer the portion of the microRNA sequence considered to code for the mature form of the microRNA on Sanger versions 8.2-9.0. Bases listed in red are currently considered to code for the mature microRNA but were not thought to be part of the mature form on earlier Sanger versions. In contrast, red sequences within parenthesis are no longer believed to be part of the mature form of the microRNA but were thought to be part of the mature forms on earlier Sanger versions.

REFERENCE

43. Ro S, Song R, Park C, Zheng H, Sanders KM, Yan W. Cloning and expression profiling of small RNAs expressed in the mouse ovary. *Rna* 2007; 13: 2366-2380.