



Supplement of

Identification and validation of key miRNAs and miRNA–mRNA regulatory network associated with uterine involution in postpartum Kazakh sheep

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Table S1A the primer sequence of miRNA (hypothalamus)

	miR_name	Primer
	oar-miR-200a	GGGGTAACACTGTCTGGTAACGATGTT
	oar-miR-200b	GGGGTAATACTGCCTGGTAATGATG
	oar-miR-200c	GGTAATACTGCCGGGTAATGATGGA
UFH/USH	oar-miR-665-3p	CGGGCCATAATACATGGTTAACC
	oar-miR-362	GCAATCCTTGGAACCTAGGTGT
	oar-novel-miR-1109-5p	GGCCCGTCCCGTGCGTCAA
	oar-novel-miR-881-5p	CTGGCTCCGTGTCTTCACTCC
	U6	CAAGGATGACACGCAAATTCG

Table S1B the primer sequence of miRNA (uterus)

	miR_name	Primer
	oar-miR-200a	GGGGTAACACTGTCTGGTAACGATGTT
	oar-miR-99a	CCGAACCCGTAGATCCGATCTTG
UFU/USU	oar-miR-133	TCCGTTTTGGTCCCCTTCAAC
	oar-miR-379-5p	CGTGGTAGACTATGGAACGTAGGC
	oar-novel-miR-1185-3p	CCCGGCCTGGAATGTAAAGAAGTATGTAT
	oar-novel-miR-1109-5p	GGCCCGTCCCGTGCGTCAA
	U6	CAAGGATGACACGCAAATTCG

Table S1C the primer sequence of target genes

	Gene	Primer (5'–3')	Product size (bp)
	PTEN	F: CACACGACGGGAAGACAAGT R: AGGTTTCCTCTGGTCCTGGTA	167
UF/US	FGFR1	F: CAAACCAAACCGTATGCCCCG R: ACCTTGTAGCCTCCGATCCT	192
	β -catenin	F: GGGAGTCCGCATGGAAGAAA R: GCAGCTGCACAAACAATGGA	122