Supplementary information

LncRNA-m18as1 competitively binds with miR-18a-5p to regulate follicle-stimulating hormone secretion through the Smad2/3 pathway in rat primary pituitary cells

Weidi ZHANG[1], Wenzhi REN[2], Dongxu HAN[1], Guokun ZHAO[1], Haoqi WANG[1], Haixiang GUO[1], Yi ZHENG[1], Zhonghao JI[1], Wei GAO[1], Bao YUAN[2]

[1]*Department of Laboratory Animals, College of Animal Sciences, Jilin University, Changchun 130062, China*
[2]*Jilin Provincial Model Animal Engineering Research Center, Jilin University, Changchun 130062, China*

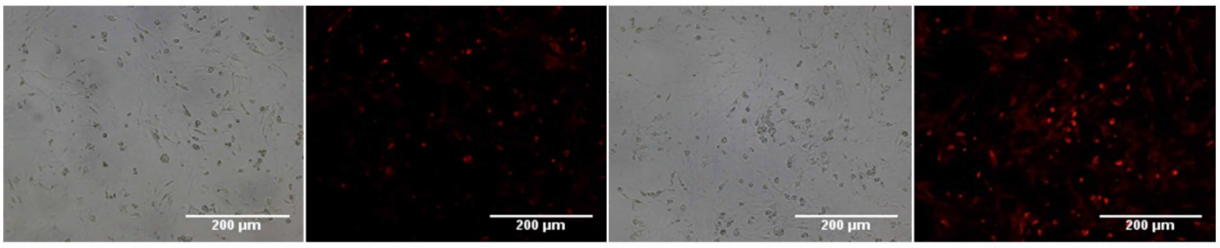

Fig. S1 Detection of the transfection efficiency of the siRNAs and overexpression plasmids. Scale bar=200 μm.

Table S1 Primers used in this study

Primer name	Sequence (5'→3')	NCBI reference sequence
Gapdh F	TTGTGCAGTGCCAGCCTC	NM_017008.4
Gapdh R	AACTTGCCGTGGGTAGAGTC	
Fshβ F	ATACCACTTGGTGTGAGGGC	NM_001007597.2
Fshβ R	TAGAGGGAGTCTGAGTGGCG	
Lhβ F	GAAACGCCAGAGTGGAGAAC	NM_001033975.1
Lhβ R	CAAAAGCCAGGTCAGGGATA	
Cga F	GTACTCGAACCATGCTAGGACA	NM_053918.2
Cga R	GATGTGACAGGAAAGCAGCA	
U6 F	GCTTCGGCAGCACATATACTAAAAT	
U6 R	CGCTTCACGAATTTGCGTGTCAT	
miR-18a-5p F	ACACTCCAGCTGGGTAAGGTGCATC TAGTGC	
universal reverse	CTCAAGTGTCGTGGAGTCGGCAA	
U6 RT	CGCTTCACGAATTTGCGTGTCAT	
miR-18a-5p RT	CTCAACTGGTGTCGTGGAGTCGGCAA TTCAGTTGAGCTATCTGC	
Smad2 F	TTCATCTGAATGGCCCCCTG	NM_001277450.1
Smad2 R	CCAATGAGCTCCACTGCTGA	
lncRNA-m18as1 F	AATTCGCAGCCCTATTCCTT	
lncRNA-m18as1 R	CTCTGGAACCCCATGACTGT	