

Supplement to: Yanfen Zhang, Dantong Wu, Xuemei Zhang, Ning Ma, and Yanhong Liu, MicroRNA Sponge Knockdowns miR-483-5p and Upregulates Serum ALT/AST in Transgenic Mice (ISSN 0006-2979, *Biochemistry (Moscow)*, 2018, Vol. 83, No. 1, pp. 54-59)

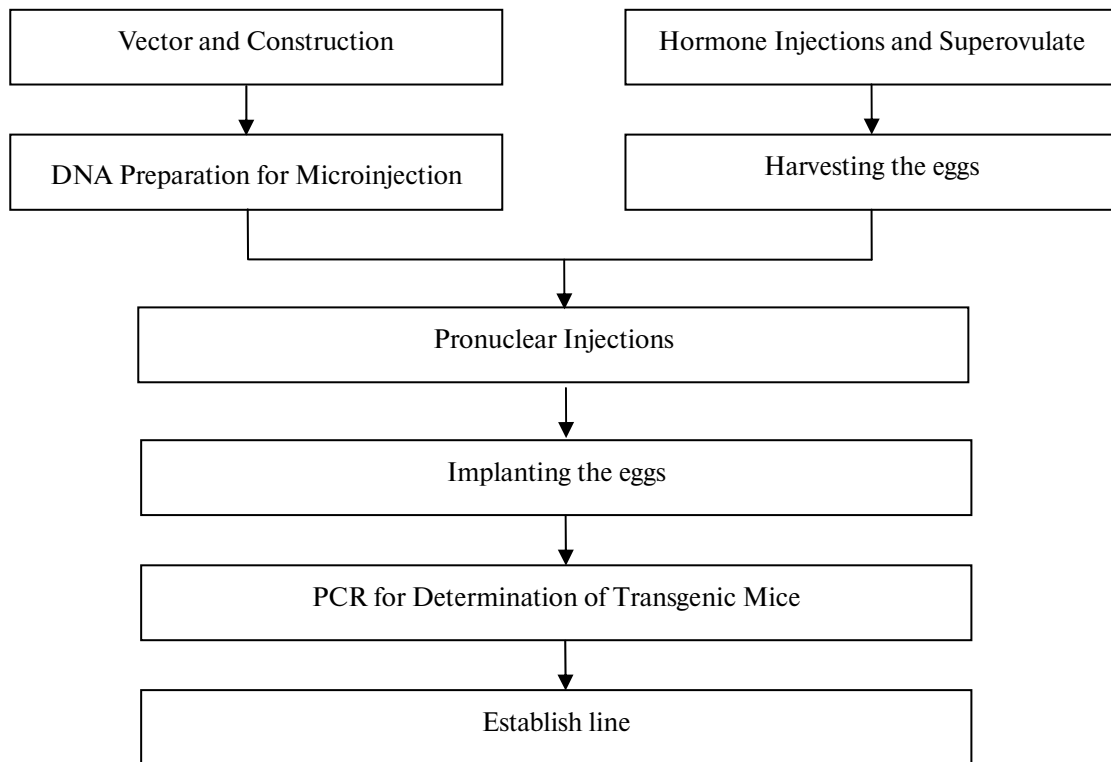
Table S1. Primers used in the study

Primers	Sequences
Screening primer	F: 5'-GCT CTA GAG CCT CTG CTA ACC ATG-3' R: 5'-CTG AGG AGT GAA TTC AAG ACG G-3'
RT-PCR primer: – for total RNA	F: 5'-GCT CTA GAG CCT CTG CTA ACC ATG-3' R: 5'-CTG AGG AGT GAA TTC AAG ACG G-3'
– for small RNA (reverse transcription primer)	GCG AGC ACA GAA TTA ATA CGA CTC ACT ATA GG-MVN, M = 18T, V = A, G, or C, N = A, G, C, or T
β -actin:	F: 5'-ccg taa aga cct cta tgc caa ca-3' R: 5'-cgg act cat cgt act cct gct-3'
Real-time PCR primer: – miR-483-5p	F: 5'-aag acg gga gaa gag aag gga g-3' R: 5'-gtg agt cgt att aat tct gtg ctc gc-3'
– miR-30c	F: 5'-tgt aaa cat cct aca ctc tca gc-3' R: 5'-gtg agt cgt att aat tct gtg ctc gc-3'
– U6	F: 5'-TTT GCG TGT CAT CCT TGC-3' R: 5'-TCG CTT CGG CAG CAC ATA-3'

Table S2. Breeding of miR-483-5p knockdown mice

	F0→F1			F1→F2		
	Delivery	Progeny	Positive (%)	Delivery	Progeny	Positive (%)
L67	1	4	2 (50.0%)	2	12	7 (58.2%)
L72	2	6	3 (50.0%)	4	29	13 (44.8%)
L73	2	11	4 (36.4%)	1	3	2 (66.7%)
L76	3	28	9 (32.1%)	2	13	7 (53.8%)

Note: Four founder mice (Nos. 67, 72, 73, and 76) delivered the miRNA-sponge transgene to offspring.



Generation of transgenic mice
Scheme