

Supplementary

Table S1 Recreation system for miRNA reverse transcription

Reagent	Volume (μ L)
2*miRNA Reaction Buffer	10
miRNA RT Enzyme Mix	2
Total RNA	1
Rnase-free H ₂ O	Up to 20

Table S2 First recreation system for mRNA reverse transcription

Reagent	Volume (μ L)
Oligo	1
RNA	2
Rnase-free-H ₂ O	Up to 12

Table S3 Second recreation system for mRNA reverse transcription

Reagent	Volume (μ L)
dNTP	2
RT	1
RI	1
5*Reaction Buffer	4

Table S4 PCR primer sequences

Gene	Sequence (5'-3')
let-7a	RT: GTCGTATCCAGTGCAGGGTCCGAGGTATTTCGCAC TGGATACGACAACACTAT Forward: TCGGCGTGAGGTAGTAGGTTGT Reverse: GTCGTATCCAGTGCAGGGTCCGAGGT
U6	RT: AAAATATGGAACGCTTCACGAATTTG Forward: CTCGCTTCGGCAGCACATATACT Reverse: ACGCTTCACGAATTTGCGGTGTC

Table S5 Recreation system for PCR

Reagent	Volume(μ L)
2*miRcute Plus miRNA Premix	10
Reverse Primer (10 μ M)	0.4
Forward Primer (10 μ M)	0.4
cDNA	1
Rnase-free-H ₂ O	Up to 20