

SUPPLEMENTARY TABLES

Supplementary Table 1. Sequences of the miRNA and target gene primers.

| | | Sequences (5'-3') |
|----------------------|-----------------|--------------------------|
| Human β -actin | F | ACATCCGCAAAGACCTGTAC |
| | R | GCCATGCCAATCTCATCTTG |
| Mouse β -actin | F | CTTTGCAGCTCCTTCGTTG |
| | R | TGGTAACAATGCCATGTTCA |
| miR-27b-3p | miR-27-FO-2 | TGGCAGTTCACAGTGGCTAAG |
| | miR-RE-6 | CAGAGCAGGGTCCGAGGTA |
| miR-22-3p | miR-22-3p-FO-2 | GCGGTCAAGCTGCCAGTT |
| | miR-RE-12a | TATGGTTGTTACGACTCCTTCAC |
| miR-146a-5p | miR-146-FO | CTGCCGCTGAGAACTGAATT |
| | miR-RE-6 | CAGAGCAGGGTCCGAGGTA |
| miR-146b-5p | miR-146b-FO-1 | GATGCTGATGAGAACTGAATTCC |
| | miR-RE-7f | TATGGTTGTTCTGCTCACTGTCTC |
| miR-148-3p | miR-148a-3p-FO | CAGAGCTCTCAGTGCCTACAGA |
| | miR-RE-12a | TATGGTTGTTACGACTCCTTCAC |
| miR-181a-5p | miR-181a-FO-1 | TGCCGAACATTCAACGCT |
| | miR-RE-6 | CAGAGCAGGGTCCGAGGTA |
| miR-181b-5p | miR-181b-FO-1 | TCTGCCGAACATTCATTGCT |
| | miR-RE-6 | CAGAGCAGGGTCCGAGGTA |
| miR-142-3p | miR-142-3p-FO-2 | TGCTGCTGTGTAGTGTTCCTACT |
| | miR-RE-12a | TATGGTTGTTACGACTCCTTCAC |
| miR-486-5p | miR-486-5p-FO-2 | GATGCACATCCTGTACTGAGCTG |
| | miR-RE-12a | TATGGTTGTTACGACTCCTTCAC |
| HNRNPD | F | CATGCATTTACCCTGTTGAC |
| | R | TCCGTTTCCACCTTTATCAG |
| GAPDH | F | GGCCTCCAAGGAGTAAGAAA |
| | R | GCCCCTCCTGTTATTATGG |

Supplementary Table 2. SiRNA sequence for *HNRNPD* and its negative control.

| siRNA | Sequence:(5'-3') | Size | Epsilon 1/(mMcm) | MW g/mole | OD |
|---------------------|------------------------|------|------------------|-----------|-----|
| SASI_Mm_00292473 | CAAUUUGGUGAAGUUGUAdTdT | 21 | 217.9 | 6726 | |
| SASI_Mm_00292473_AS | UACAACUUCACCAAUUUGdTdT | 21 | 205.3 | 6621 | |
| | Duplex of above | | | 13347 | 2.0 |
| NC | UUCUCCGAACGUGUCACGUTT | 21 | 196.2 | 6563 | |
| NC_AS | ACGUGACACGUUCGGAGAATT | 21 | 213.6 | 6712 | |
| | Duplex of above | | | 13275 | 1.0 |