

Supplementary Data

Supplementary Table 1	Primer sequences
	GNA13-3'-UTR-miR-Sens cloning - nested primers
External Fwd	5'-TCTGCATGACAACCTCAAGC-3'
External Rev	5'-TTGAATTGTTTACAAATGTTTATTAATGTC-3'
Internal Fwd	5'- ATCGCTCGAGTGTACAAAAGACTTGCTGTTTAAATATCTT-3'
Internal Rev	5'- ATCATATGCGGCCGCAAATGTCAGTAATTTTACAAAGCAAA-3'
	Oligos for miR-31 Sensor-miR-Sens cloning (miR-31 seed underlined)
miR-31_Sensor-Fw	5'-TCGAGAGCTATGCCAGCATCTTGCCT GC-3'
miR-31_Sensor-Rv	5'-GGCCGC <u>AGGCAAGATGCTGGC</u> ATAGT C-3'
	GNA13-3'-UTR- site directed mutagenesis of miR-31 site
miR-31-Mut-Fwd	5'-GCGTGTTTGAATAGTTCTACATCTAGTGCT TCTGCGGAAAAAGAATACATTGTTTAAATTCACAAAATTA-3'
miR-31-Mut-Rev	5'-TAATTTTGTGAATTTAAACAATGTATTC TTTTTCCGCAGAAGCACTAGATGTAGAACTATTCAAACACGC-3'

