Supplementary Table 2: DNA sequences of precursor miRNA primers and EGR2-3´UTR fragments.

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| **Name** | **Sequence** |
| hsa-pre-miR141-primer | F: 5´AAGCTTTCAGCAACATCCATCGCCTCA 3´  R:5´TCTAGACCCCTTTGCCTAGTGATTCGT 3´ |
| hsa-pre-miR200a-primer | F: 5´AAGCTTCCACCGAGCAGACCAGTG 3´  R:5´TCTAGACTGGACTTCGGAGCTGACACA 3´ |
| WILD 3´UTR-EGR2 | SENSE:5´TCGAGTGCTTTGTTTTGTGACTTAAAAGTGTTACCTTTGTAGTCAAATTTCAGATAAGAATGTACATAGC 3´  ANTISENSE:5´GGCCGCTATGTACATTCTTATCTGAAATTTGACTACAAAGGTAACACTTTTAAGTCACAAAACAAAGCAC 3´ |
| MUTANT 3´UTR-EGR2 | SENSE:5´TCGAGTGCTTTGTTTTGTGACTTAAATTTTTTTCCTTTGTAGTCAAATTTCAGATAAGAATGTACATAGC 3´  ANTISENSE:5´GGCCGCTATGTACATTCTTATCTGAAATTTGACTACAAAGGAAAAAAATTTAAGTCACAAAACAAAGCAC 3´ |

(pre: precursor, Red characters indicate recognition sites of restriction enzymes, Green characters show the mutant binding site of miR-141/miR-200a on the *EGR2*. gene.)