>3'UTR-ACE2 (875nt) – Wild type

TAGAAAAATCTATGTTTTTCCTCTTGAGGTGATTTTGTTGTATGTAAATGTTAATTTCATGGTATAGAAAATATAAGATGATAAAGATA
TCATTAAATGTCAAAACTATGACTCTGTTCAGAAAAAAAAATTGTCCAAAGACAACATGGCCAAGGAGAGAGCATCTTCATTGACATTGC
TTTCAGTATTTATTTCTGTCTCTGGATTTGACTTCTGTTCTGTTTCTTAATAAGGATTTTGTATTAGAGTATATTAGGGAAAGTGTGTA
TTTGGTCTCACAGGCTGTTCAGGGATAATCTAAATGTAAATGTCTGTTGAATTTCTGAAGTTGAAAACAAGGATATATCATTGGAGCAA
GTGTTGGATCTTGTATGGAATATGGATGGATCACTTGTAAGGACAGTGCCTGGGAACTGGTGTAGCTGCAAGGATTGAGAATGGCATGC
ATTAGCTCACTTTCATTTAATCCATTGTCAAGGATGACATGCTTTCTTCACAGTAACTCAGTTCAAGTACTATGGTGATTTGCCTACAG
TGATGTTTGGAATCGATCATGCTTTCTTCAAGGTGACAGGTCTAAAGAGAGAAGAATCCAGGGAACAGGTAGAGGACATTGCTTTTTCA
CTTCCAAGGTGCTTGATCAACATCTCCCTGACAACACAAAACTAGAGCCAGGGGCCTCCGTGAACTCCCAGAGCATGCCTGATAGAAAC
TCATTTCTACTGTTCTCTAACTGTGGAGTGAATGGAAATTCCAACTGTATGTTCACCCTCTGAAGTGGGTACCCAGTCTCTTAAATCTT
TTGTATTTGCTCACAGTGTTTGAGCAGTGCTGAGCACAAAGCAGACACTCAATAAATGCTAGATTTACACACTC

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>3'UTR-ACE2 (875nt) – Mutant (MicroRNA Response éléments targeted by miR-1246)

TAGAAAAATCTATGTTTTTCCTCTTGAGGTGATTTTGTTGTATGTAAATGTTAATTTCATGGTATAGAAAATATAAGATGATAAAGATA
TCATTAAATGTCAAAACTATGACTCTGTTCAGAAAAAAAAATTGTCCAAAGACAACATGGCCAAGGAGAGAGCATCTTCATTGACATTGC
TTTCAGTATTTATTTCTGTCTCTGGATTTGACTTCTGTTCTGTTTCTTAATAAGGATTTTGTATTAGAGTATATTAGGGAAAGTGTGTA
TTTGGTCTCACAGGTTATCCGGAGGTGACCCAGATGTAAATGTCTGTTGAATTTCTGAAGTTGAAAACAAGGATATATCATTGGAGCAA
GTGTTGGATCTTGTATGGAATATGGATGGATCACTTGTAAGGACAGTGCCTGGGAACTGGTGTGGTTACGAAGGTCGGGAATGGCATGC
ATTAGCTCACTTTCATTTTACCGACTGCCGTCAAGGATGACATGCTTTCTTCACAGTAACTCAGTTCAAGTACTATGGTGATTTGCCTA
CAGTGATGTTTGGAATCGATCATGCTTTCTTCAAGGTGACAGGTCTAAAGAGAGAAGAATCCAGGGAACAGGTAGAGGACATTGCTTTT
TCACTTCCAAGGTGCTTGATCAACATCTCCCTGACAACACAAAACTAGAGCCAGGGGCCTCCGTGAACTCCCAGAGCATGCCTGATAGA
AACTCATTTCTACTGTTCTCTAACTGTGGAGTGAATGGAAATTCCAACTGTATGTTCACCCTCTGAAGTGGGTACCCAGTCTCTTAAAT
CTTTTGTATTTGCTCACAGTGTTTGAGCAGTGCTGAGCACAAAGCAGACACTCAATAAATGCTAGATTTACACACTC

miR-1246:

- mfe: -14.8 kcal/mol - Position: 582
- mfe: -17.7 kcal/mol - Position: 417
- mfe: -18.0 kcal/mol- Position: 278
- Sequences in yellow: seed of miR-1246 reported in the literature (PMID: 28386354; PMID: 32432483) but also on TargetScan.

miR-1290 :

- mfe: -15.1 kcal/mol - Position: 569
- mfe: -14.5 kcal/mol - Position: 582
- mfe: -14.0 kcal/mol - Position: 128