

A) Homo sapiens TIMP metalloproteinase inhibitor 2 (TIMP2), mRNA

Sequence source is NCBI Reference Sequence: NM_003255.4

Fragment of TIMP2 3'UTR

ATCAGCTGTAATCATTCCTGTGCTGTGTTTTTTATTACCCTTGGTAGGTATTAGACTT**GCACTTTTTT**AAAAA
AAGGTTTCTGCATCGTGGAAGCATTGACCCAGAGTGGAACGCGTGGCCTATGCAGGTGGATTCCCTTCAGGTC
TTTCCTTTGGTTCTTTGAGCATCTTTGCTTTCATTCTCCCGTCTTTGGTT

TIMP2 3'UTR with deletion of miR-20b seed site:

CTCGAGATCAGCTGTAATCATTCCCTGTGCTGTGTTTTTTATTACCCTTGGTAGGTATTAGACTT_AAAAAAAG
GTTTCTGCATCGTGGAAGCATTGACCCAGAGTGGAACGCGTGGCCTATGCAGGTGGTTCCCTTCAGGTCTTTC
CTTTGGTTCTTTGAGCATCTTTGCTTTCATTCTCCCGTCTTTGGTT

B) Primers used for cloning TIMP2 3' UTR fragment

oligo name.....	oligo details
TIMP2-2860-for	5'-AAAAAGTCGACATCAGCTGTAATCATTCC-3'
TIMP2-3050-rev	5'-AAAAAGTTTAAACCAAAGACGGGAGACG-3'
TIMP2-mut20b-for	5'-GTAGGTATTAGACTTAAAAAAGGTTTCTGCATCG-3'
TIMP2-mut20b-rev	5'-TGCTGTGTTTTTTATTACCCTTGGTAGGTATTAGAC-3'