

### Sequence of hmiR-194-2 wildtype (417 bp):

**GGTACC**ctctctgccccatggctgcagcagggaggggtgggcaaagggcagaggtgacagtggccaaacctgaa  
ctgaggcccagctctggttgggaaagaacaaggaaacaaaataactggggacagagggcggtgggtcatcagagc  
gggcaaaggctgccaggagttgtaaaccgagccgctcccggtttatgaggccgatttggggtgagccaggacttgc  
ccagggaaggagtgtgtgcagcacacggggcgccaggtgtgggccccggtgataagaagcctcggtgaaaagacca  
tggacctggggccacgaagactggggagcccaggtgagtgggcatgggacactctccagagccctgccgaaggcgg  
acgccaggcagggccccggtctccaat**AAGCTT**

agggcagaggtga and aggtgagtgggca: DR1 sites predicted by NHRScan

aggacttgc: HNF4 $\alpha$  binding site predicted by HNF4 Binding Site Scanner

### Sequence of hmiR-194-2 TriM (417 bp):

**GGTACC**ctctctgccccatggctgcagcagggaggggtgggcaaagggTaCTAgtgacagtggccaaacctgaa  
actgaggcccagctctggttgggaaagaacaaggaaacaaaataactggggacagagggcggtgggtcatcaga  
gcgggcaaaggctgccaggagttgtaaaccgagccgctcccggtttatgaggccgatttggggtgagccAAgTGT  
ttTccagggaaggagtgtgtgcagcacacggggcgccaggtgtgggccccggtgataagaagcctcggtgaaaag  
accatggacctggggccacgaagactggggagcccATTgagtgTgcatgggacactctccagagccctgccgaag  
gcggacgccaggcagggccccggtctccaat**AAGCTT**

### List of primers used for PCR cloning of microRNA promoters for reporter assays:

Primer name	Sequence
mmiR101b_KpnI	AAAAAAGGTACCCTATCTCAGGAGAGGTGAAAG
mmiR101b_MluI	AAAAAACGCGTGAGAAAGAGCATAAGGTAAGTC
hmiR101-2_KpnI	AAAAAAGGTACCAGTCCTAGAACTCGGAGCCAT
hmiR101-2_MluI	AAAAAACGCGTAGACCAATCTTCCTCATGCTG
hmiR-194-2_KpnI	AAAAATGGTACCTACTGGGAACAGAGCAGAAGC
hmiR-194-2_MluI	AAAATTACGCGTTTCGGGGCACAAGGAGGAAG
mmiR-194-2_MluI	ATTTTAACGCGTGTCCACCTCGAACTCCTTG
mmiR-194-2_XhoI	ATACAACTCGAGACTGGCTGTCAATTCATAGGTC
mmiR-802_MluI	TAATTTACGCGTGCCAATGATGGACTCTGTCTT
mmiR-802_XhoI	ATAAACTCGAGGCAGTCGGTAGGTTATGTAGA