

siRNA
miR-295
miR-295 seed mutant
miR-290-3p
Control siRNA
si-bim
si-casp2
si-ei24
RT-PCR Primers
Casp2 Forward
Casp2 Reverse
Ei24 Forward
Ei24 Reverse
β -actin Forward
β -actin Reverse
3'UTR Primers
Irf9 Forward
Irf9 Reverse
Casp2 Forward
Casp2 Reverse
Pax6 Forward
Pax6 Reverse
p21 Forward
p21 Reverse
Thbs1 Forward
Thbs1 Reverse
Itgav Forward
Itgav Reverse
Irak3 Forward
Irak3 Reverse
Lats2 Forward
Lats2 Reverse
Mutagenic Primers
Ei24 Site 1
Casp2 Site 1
Casp2 Site 2
Casp2 Site 3
Casp2 Site 4
Northern probes
miR-292 probe
miR-295 LNA

Sequence (5' - 3' unless otherwise noted)

5'- AAAGUGCUACUACUUUUGAGUCU -3'

3'- UCUUUCACGAUGAUGAAAACUCA -3'

5'- AAAGACGUACUACUUUUGAGUCU -3'

3'- UCUUUCUGCAUGAUGAAAACUCA -3'

5'- AAAGUGCCGCCUAGUUUUAAGCCC -3'

3'- CCUUUCACGGCGGAUCAAAAUUCG -5'

(from Dharmacon, Accell Non-targeting pool)

(from Dharmacon, Smartpool)

(from Dharmacon, Smartpool)

(from Dharmacon, Smartpool)

GCAGGGTCACTTGGAAGACT

GAAGACAGGGAGGACCATCA

TCTCTTCCCATCCATCTT

TAACGTAACGACTCCTTTC

GACGAGGCCAGAGCAAGAGAGG

GGTGTGAAGGTCTCAAACATG

AATAACTCGAGCGCGTCTCCATGGAAATAGA

AATAAGGGCCCTTTAATTTGGAGCTCACATTTCT

AATAACTCGAGCCGCCTGCTATTCCTGCT

AATAAGGGCCCTCAACATTTATTTGGCACCTG

AATAACTCGAGAGAGAGAAGGAGAGAGCATGTG

AATAAGGGCCCAAATCATTCTGAGGATTTCTAGGG

AATAACTCGAGCCTCTTCTGCTGTGGGTCA

AATAAGCGGCCGCAATCATCGAGAAGTATTTATTGAGC

AATAACTCGAGTCATCAGCTGCCAATCATAA

AATAAGGGCCCTTCCATATGATTTATTGTTGTTCTT

AATAACTCGAGCCACTTCTGTCCGCTCCA

AATAAGGGCCCGAAGTCAACTGTAGTGTAATGTGTACC

AATAACTCGAGATCCACCAGAAGATCAAGCAA

AATAAGCGGCCGCTTTTATATAACAATTGGAATGCCACAG

AAACTCGAGCGAGGAAACCCAAAATGAGA

AAAGGGCCCTCCAACAAAACACCACAAATG

GACCAGAGTTTTCCAGCTGTTTTTTTACGTCTTGCCAGCTCCTGT

CCTTACTGTGGCTTCTGCATCGTCTTACACTGTACTTGACGGC

GTACCATATGTGATATAACCTAGAACGTCTTGTCTCTGCTCTTATGAAACTTG

GTGCTTACTGCAGGCTGTAATGCGTCTTTTGCTTGTTCACCTTGTC

CTTACTTACTGATATCCAGTAACTGCGTCTTACTAGGTCTTCATGAATGTTTC

CAAAAGAGCCCCAGTTTGAGT

AGACTCAAAGTAGTAGCACTTT