

**Cloning Primers**

Name	5'-3' Sequence
miR190f	ACTGTCTAGACACGAAGAAATGGAATGAAACA
miR190r	ATCGGGATCCCCTTGCCACACCTACAGACA
miR218f	GTCAGGATCCTACACAATCTGCGGGAAGAA
miR218r	GTCATCTAGAGGGCTTTTCAAGGATAATCG
miR129f	GTCAGGATCCCTCTCCAGGTCCCAGCTCT
miR129r	GTCATCTAGAAGGCTTAGGGCTTGATCCAT
miR145f	GTCAGGATCCCAGAAGAGAGCTCCCAAGACC
miR145r	GTCATCTAGAGCTCTTCCCAGAGCAGGAC
miR496f	GTCAGGATCCTAACCACCACATGCAGGAGA
miR496r	GTCATCTAGATCACCGAAATAGTGGTGCAT
miR543f	GTCAGGATCCGAGAGCCCCCTAGGTACAGC
miR543r	GTCATCTAGAGGACCATTCAAGAAGGGAGA
miR208f	GTCAGGATCCCCAGCCTAGAGGATGTGAGG
miR208r	GTCATCTAGAGATGCAGGAAAGAGCTTTGG
miR499f	GTCAGGATCCGACCGTGTCTCAGCTTCACA
miR499r	GTCATCTAGAGAGCCCAAATGCTCCTTATG
miR320f	GTCAGGATCCCCTCCGACTAGAGCAACCAC
miR320r	GTCATCTAGACTCCACATACAGCAGGTAGGC
miR547f	GTCAGGATCCGGGAACATTGCTGTCAATCC
miR547r	GTCATCTAGATGTCATTCGTGTCTTTTGAGAA
miR369f	GTCAGGATCCGGTCGACCAGCTGGAAAGTA
miR369r	GTCATCTAGAAGCACACAGCCTGTTCCAC
miR338f	GTCAGGATCCTGGCTGTTCTGCTGAGAGAT
miR338r	GTCATCTAGAATACCAACCCCAGCCTCTTT
miR329f	GTCAGGATCCAATGGCTTGCTTGAGCACTT
miR329r	GTCATCTAGACCTGGGAGGGTTTAGAGGAC
miR194f	GTCAGGATCCACCACACACCAGGAAGAGGT
miR194r	GTCATCTAGATTTGTTAGTTAGGAAACAGAATGAAGA
miR181f	GTCAGGATCCGAGGAATCCTGCTTCTTTTCTTC
miR181r	GTCATCTAGACACCGACAGCAATGAATGTT
miR302af	GTCAGGATCCGGTGGGTTCCCTTCAACTTT
miR302ar	GTCATCTAGAAGGAGCCACCACACTCAAAC
miR302cf	GTCAGGATCCTGTGGGTTTGCTCTTCTGTTT
miR302cr	GTCATCTAGACCATCACCAAACATGGAAG
miR495f	GTCAGGATCCGGCCAAGTATCTGCCTCACC
miR495r	GTCATCTAGATTTGAGGTAAATGCCCTGT
miR26af	GTCAGGATCCAGGAGGACTGCCCAAGAAAA
miR26ar	GTCATCTAGAGTCTCCGGGAGGACTGCTT
miR124f	GTCAGGATCCCCATCCCCTCCCTTTCTTT
miR124r	GTCATCTAGATACTTTGCGAGGCACTCAGA
miR466f	GTCAGGATCCTGACCTACTGCTTTGGAGGT
miR466r	GTCATCTAGAATTTGAACTCCTGACCTCCTGA

**Seed Sequence Mutagenesis Primers**

Name	5'-3' Sequence
miR194Mf	GGAGTCATCGGGTCATTGTGCAACTCCATGTGGACTGTGCTCG

miR194Mr	CGAGCACAGTCCACATGGAGTTGCACAATGACCCGATGACTCC
miR369Mf	CGCTTGGCTGACTTCTTATTATGATGGTTGATCTTTTCTCAGTATCAACGC
miR369Mr	GCGTTGATACTGAGAAAAGATCAACCATCATAATAAGAAGTCAGCCAAGCG
miR496Mf	GGTGTGTTCATTTTATTTATGATCTCATAAACATGGCCAATCTCCTTTTCGG
miR496Mr	CCGAAAGGAGATTGGCCATGTTTATGAGATCATAAATAAAATGAACACACC
miR499Mf	GTCTTGGGTGGGCAGCTGAATTCTGATGCAGTGATGTTTAGCTCC
miR499Mr	GGAGCTAAACATCACTGCATCAGAATTCAGCTGCCACCCAAGAC
miR543Mf	GCGTGTTTTTCGCTTTATATGTGACGATTGTAAGGCGGTGCACTTCTTTTTC
miR543Mr	GAAAAGAAGTGACCCGCCTTACAATCGTCACATATAAAGCGAAAACACGC

**Binding Site Mutagenesis Primers**

Name	5'-3' Sequence
194BSM1f	TCATGGAGTGATTTACAATGCTTTGGGGTGG
194BSM1r	CCACCCCAAAGCATTGTAAATCACTCCATGA
194BSM2f	TGATACGCTTCAACCCACTTTACAATGAATGCATTTGCTTTTGTTAAG
194BSM2r	CTTAACAAAAGCAAATGCATTCATTGTAAAGTGGGTTGAAGCGTATCA
369BSM1f	GCAGAGAACTCGGAACATGTGTATCATAATAATGGACTTTGGATTGAGG
369BSM1r	CCTGAATCCAAAGTCCATTATTATGATACACATGTTCCGAGTTCTCTGC
369BSM2f	GGTTGCAGATAAAGGGAGTTTTTCATTAGTGGTATTTGTAGCAAATTG
369BSM2r	CAATTTTGCTACAAATACCACTAATGAAAACCTCCTTTATCTGCAACC
496BSMf	GATTCAACTGTTGAGCTGTAGTTAGTTATGAGTATTTTTAATTTTTTAAATTTTTTTT
496BSMr	AAAAAAAAATTAATAAATAAATAACTCATAACTAACTACAGCTCAACAGTTGAAT
499BSM1f	CATAAACTAGAATGTTAGACACATTTTGCAGAATTTCCATGTACAC
499BSM1r	GTGTACATGGAAATTCTGCAAAATGTGTCTAACATTCTAGTTTATG
499BSM2f	GATAGGAAAATGTACATTACTTCTTCAGAATTACTTTAGATTTTTTTTTTTTTCAC
499BSM2r	GTGAAAAAAAAAAATCTAAAGTAATTCTGAAGAAGTAATGTACATTTTCCTA
543BSM1f	GAATTTTTTCATAAACTACTTACAAAGACACATTTTGGTCTTAATCCATGTAC
543BSM1r	GTACATGGATTAAGACCAAATGTGTCTTTGTAAGTAGTTTATGAAAAATTC
543BSM2f	GGTACTGGCAGCACTAGCAAGTCACACAAATTAATAAACAACAACAAC
543BSM2r	GTTTGTGTTGTTTTGTTTTTAAATTTGTGTGACTTGCTAGTGCTGCCAGTACC

**Supplementary Table S1.** Primers used to clone pre-miRNAs into the pcDNA3.1 vector.

Primers used to perform in vitro mutagenesis on the miRNAs' seed sequence and on the predicted binding sites within the N-cadherin 3'UTR.