

Supplemental Table

Primers for cloning human adiponectin promoters

Hadipo-10390-MluI-pBS (Fw)

5'-GTCCCTTTGGGGGACAATAGCAAAATTATAACACTATAGAGGACATGAAG
ACGCGT CAATTCGCCCTATAGTGAGTCGTATTAC-3'

Hadipo-4075-MluI-pBS (Fw)

5'-ACACCCAAGGTAACAAAGCTAATAGAAAAAAGGGTGAAGCTTAAGAATAA
ACGCGTCAATTCGCCCTATAGTGAGTCGTATTAC-3'

Hadipo-2664-MluI-pBS (Fw)

5'-GGCCTCAGGGCAATCTGCCACCCACCACAAAGGCCGTCATGTGGAAAGAG
ACGCGTCAATTCGCCCTATAGTGAGTCGTATTAC-3'

Hadipo+77-XhoI-pBS (Rv)

5'-CTCACTTCCATTCTGACTGCAGTCTGTGGTTCTGATTCCATACCAGAGGG
CTCGAGGCTTTTGTTCCTTTAGTGAGGGTTAATTG-3'

Hadipo+77-NheI-pBS (Rv)

5'-CTCACTTCCATTCTGACTGCAGTCTGTGGTTCTGATTCCATACCAGAGGG
GCTAGCGCTTTTGTTCCTTTAGTGAGGGTTAATTG-3'

Primers for subcloning of human adiponectin promoter

Hadipo-2765-MluI (Fw)

5'-GGCCACGCGTAAGTAGTAATAGTTCTGTCCTGG-3'

Hadipo-2664-MluI (Fw)

5'-GGCACGCGTCTCTTTCCACATGACGGCCTTTG-3'

Hadipo-2587-MluI (Fw)

5'-GGCACGCGTCACTGACTGACAGCCAGGC-3'

Hadipo-2539-EcoRI (Rv)

5'-GCCGAATTCAGCCCCACAATCACACCAAG-3'

Hadipo-2507-EcoRI (Rv)

5'-GCCGAATTCGCTGTAGCTATTGCACAAGGTGG-3'

Hadipo-563-MluI (Fw)

5'-GGCCACGCGTGAATTCATGTGCAAGGTC-3'

Hadipo-540-EcoRI (Fw)

5'-GGCGAATTCCTAAATCCAGGGTCCAGGTCAG-3'

Hadipo-513-EcoRI (Fw)

5'- GGCGAATTCGAGGATGTGCTCTATTTCTTACC-3'

Hadipo-449-EcoRI (Fw)

5'- GGCGAATTCCTACTGTCTGAACGTACACAGTC-3'

Hadipo-232-EcoRI (Fw)

5'- GGCGAATTCCTGTTGCTGTTGTAGGAGGC-3'

Hadipo-41-EcoRI (Fw)

5'- GGCGAATTCGACAATTGTGAGGTGGGGACTG-3'

Hadipo-77-NheI (Rv)

5'- GCCGCTAGCCCCTCTGGTATGGAATCAGAAC-3'

Oligonucleotides for EMSA

Human adiponectin CCAAT box1-WT sense

5'-AAAATGCTAGGCTTTCACAATGTCCTGACT-3'

Human adiponectin CCAAT box1-WT antisense

5'- AGTCAGTGACATTGTGAAAGCCTAGCATTTT-3'

Human adiponectin CCAAT box1-Mut sense

5'- AAAATGCTAGGCTTTTTTAATGTCCTGACT-3'

Human adiponectin CCAAT box1-Mut antisense

5'- AGTCAGTGACATTAAAAAGCCTAGCATTTT-3'

Human adiponectin CCAAT box2-WT sense

5'-AAGTTATTCCACCTTGTGCAATAGCTACAGC-3'

Human adiponectin CCAAT box2-WT antisense

5'- GCTGTAGCTATTGCACAAGGTGGAATAACTT-3'

Human adiponectin CCAAT box2-Mut sense

5'- AAGTTATTCCACCTTAAAAAATAGCTACAGC-3'

Human adiponectin CCAAT box2-Mut antisense

5'- GCTGTAGCTATTTTTTAAGGTGGAATAACTT-3'

Mouse Leptin CCAAT box-WT sense

5'-TGGCCGGACAGTTGCGCAAGTGGCACTGGGG-3'

Mouse Leptin CCAAT box-WT antisense

5'- CCCCAGTGCCACTTGCAGCAACTGTCCGGCCA-3'

Mouse Leptin CCAAT box-Mut sense

5'-TGGCCGGACAGTTGCACGGGTGGCACTGGGG-3'

Mouse Leptin CCAAT box-Mut antisense

5'- CCCCAGTGCCACCCGTGCAACTGTCCGGCCA-3'

Primers for Real-time PCR

Mouse 36B4 Fw

5'-GCTCCAAGCAGATGCAGCA-3'

Mouse 36B4 Rv

5'-CCGGATGTGAGGCAGCAG-3'

Mouse C/EBP α Fw

5'-TTTGCACCTCCACCTACATCCC-3'

Mouse C/EBP α Rv

5'-CCCGTGTCCCTCCTATCCC-3'

Mouse adiponectin Fw

5'-GTTCTACTGCAACATTCCGG-3'

Mouse adiponectin Rv

5'-TACACCTGGAGCCAGACTTG-3'

The target sequences of negative control and mouse C/EBP α for RNA interference studies

Negative Control

AATTCTCCGAACGTGTCACGT (Catalog no. 1027310)

Mouse C/EBP α

CAACGTGGAGACGCAACAGAA (Catlog no. SI00948325)

Primers for chromatin immunoprecipitation

Mouse adiponectin distal enhancer Fw

5'-ATTCCCCTGAGAGTTCACCAAATG-3'

Mouse adiponectin distal enhancer Rv

5'-CCATATAGGAACACTGCTGGTTTCA-3'

Mouse negative control region Fw

5'-TGCAGATTATGGTATGGTCAAGCA-3'

Mouse negative control region Rv

5'-GGTGTGCCTGGCTTCATTGAA-3'