

Table S1: siRNA primer sequences

Genes	Primers (5'-3')
<i>Jak2</i>	GGAGAGTATCTGAAGTTTC
<i>Stat3</i>	CCACGTTGGTGTTCATAA
<i>C/EBPα</i>	AGAAGTCGGTGGACAAGAA
<i>SP1</i>	GGATGGTTCTGGTCAAATA
<i>Tet2</i>	GTCACTGCATGTTTGGACTTCTCTG

Table S2: mRNA primer sequences (m: mouse; h: human)

Genes	Primers (5'-3')
<i>m36b4</i>	Forward: CGTCCTCGTTGGAGTGACAT Reverse: TAGTTGGACTTCCAGGTCGC
<i>mβ-actin</i>	Forward: ACCGTGAAAAGATGACCCAG Reverse: GAGCATAGCCCTCGTAGATG
<i>mTet1</i>	Forward: ACATCCCACAGACCGAAGAT Reverse: TTCTGGGGTTTTCACTCCTC
<i>mTet2</i>	Forward: CTCGCATCAGAACTCTACTCAG Reverse: GTCTCTGGATTCTCACCCTG
<i>mTet3</i>	Forward: AGAGCCTCAAGCAACCAAAA Reverse: AAGTGGTTCTGAGGCTCCA
<i>mStat3</i>	Forward: TGGAAGAGGCGGCAGCAGATAGC Reverse: GCACGGCCCCCATTCCCACAT
<i>mJak2</i>	Forward: TGAGGCCACCAGTAAAAGACA Reverse: TTTTGCCAGACAAGAGTGATG
<i>hβ-ACTIN</i>	Forward: ACTCGTCATACTCCTGCT Reverse: GAAACTACCTTCAACTCC
<i>hTET2</i>	Forward: CTTTCCTCCCTGGAGAACAGCTC Reverse: TGCTGGGACTGCTGCATGACT
<i>hLEPTIN</i>	Forward: CAAGATGACACCAAAACCCTC Reverse: ACGTTTCTGGAAGGCATACTG