

Table S1 Sequences of real-time PCR primer sets.

Gene (Gene ID)	Forward Primer	Reverse Primer
Rat <i>Ins1</i> (24505)	5' -GTGGGAACGTGGTTTCTT- 3'	5' -GCAGTAGTTCTCCAGTTGGTAGAGG - 3'
Rat <i>Irs2</i> (29376)	5' -CCCCAGTGTCCTCCATCCT- 3'	5' -TTTCCTGAGAGAGACGTTTTCCA- 3'
Rat <i>Dnmt1</i> (84350)	5' -CGGCTCAAAGACTTGAAAAG- 3'	5' -TAGCCAGGTAGCCTTCCTCA- 3'
Rat <i>Dnmt3a</i> (444984)	5' -CCGGTGCTATCTCTTTTG - 3'	5' -TGACGATGGAGAGGTCATTG- 3'
Rat <i>Dnmt3b</i> (444985)	5' -TAGGGTCCTGTCCCTGTTTG- 3'	5' -GTGATTTCCGGACGTCATT- 3'
Rat <i>Tet1</i> (309902)	5' -GAAACCCTGAATTGGCAAAA- 3'	5' -GGGTGAGCTTTCTGATCGAC- 3'
Rat <i>Tet2</i> (310859)	5' -CCCTCACTAGAGAAGACAATCGAG- 3'	5' -GATCCACTAACCTCCTGACTCTTC- 3'
Rat <i>Tet3</i> (680576)	5' -GAGAAGCTAAGCACACCAGAGAAG- 3'	5' -CTGCTCATACTGTAGGGGTCAGAG- 3'
Rat <i>Bip</i> (25617)	5' -CCTGTTGCTGGACTCTGTGA- 3'	5' -GAATACACCGACGCAGGAAT- 3'
Rat <i>spliced Xbp-1</i> (289754)	5' -CTGAGTCCGAATCAGGTGCAG- 3'	5' -ATCCATGGGAAGATGTTCTGG- 3'
Rat <i>Pi3k p85</i> (25513)	5' -GAGAGGAAGACATCGACCTACACT- 3'	5' -CCTCTCCCCAGTAGTTTCATTG- 3'