

Table 1 Sequence of primers

Primers	Suquence
Nanog-F	AGGATGAAGTGCAAGCGGTG
Nanog-R	TGCTGAGCCCTTCTGAATCAG
Oct4-F	CCCCAATGCCGTGAAGTTG
Oct4-R	TCAGCAGCTTGGCAAAGTGT
Sox2-F	CACAGATGCAACCGATGCA
Sox2-R	GGTGCCCTGCTGCGAGTA
Caspase3-F	CTGGAGAAATTCAAAGGACGGG
Caspase3-R	TGAGCATGGACACAATACACGG
Tet1-F	TTTGGTTCGTGAGCGTGTA
Tet1-R	TCTTCGGTCTGTGGGATGT
Tet2-F	ACAGCCGATTCTCCCGTTCA
Tet2-R	AGGGTGCCGCTCATCTTCC
Dnmt3a-F	TCACTCTTCTTTCTTCTTCC
Dnmt3a-R	CACATATCTACTCCATCCA
Dnmt3b-F	GAGATGATGAAGTAGATGATGG
Dnmt3b-R	GTGCTTGCTGAAGATGATG
Sirt1-F	CCGCGGATAGGTCCATATACTT
Sirt1-R	TCGAGGATCGGTGCCAAT
Gapdh-F	TGCCCCCATGTTTGTGATG
Gapdh-R	TGTGGTCATGAGCCCTTCC

Sequence of Mitochondrial Copy Number Primers

Primers	Suquence
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mtCN_Mus_Actb_F	CTCAGCCACGCCCTTTCTCA
mtCN_Mus_Actb_R	GCTTTGTCACACGAGCCATTGT
mtCN_Mus_ND5_F	ATAGCCTGGCAGACGAACAAGACA
mtCN_Mus_ND5_R	AATTAGTAGGGCTCAGGCGTTGGT