

Supplementary Table 1. Oligonucleotides used for real-time PCR

Gene	Forward primer (5' → 3')	Reverse primer (5' → 3')	Acc. No.
<i>NF-M</i>	GTGAACCACGAGAAGGCTCA	AGGTAGTCTTTGCGCTCCAC	NM_005382
<i>NEFH</i>	CCCTGCCACACAAAAACAG	GGCTTTTCGACAGCAGGTTT	NM_021076.3
<i>MAP2</i>	TTGGTGCCGAGTGAGAAGAA	GGTCTGGCAGTGGTTGGTTAA	NM_002374
<i>SCN3A</i>	AACGGATGACCAGGGCAAAT	TCTGAGGGAGACGAGCTTCA	NM_006922.3
<i>CACNA1A</i>	CGGCCAGAGTGGCTTACAA	GCTCCTCCCTTGGCAATCTT	NM_023035.2
<i>SYN1</i>	CCAGCTCAACAAATCCCAGTC	GCGGATGGTCTCAGCTTTCA	NM_006950.3
<i>SNAP25</i>	TCGATCGTGTCGAAGAAGGC	CCGTCCTGATTATTGCCCA	NM_003081.3
<i>β-actin</i>	ATCCGCAAAGACCTGTACGC	TCTTCATTGTGCTGGGTGCC	NM_001101

Acc. No. indicates gene access number.

Supplementary Table 2. Genes containing the consensus sequences of repressor element-1

Genes	Gene Location	RE-1 Positions on genome
<i>NF-M</i>	NC_000008.11	Chr8 : 24,914,943 – 24,914,973
<i>MAP2</i>	NC_000002.12	Chr2 : 209663959 – 209663979
<i>SNAP25</i>	NC_000020.11	Chr20 : 10,219,672 – 10,219,694

Chr indicates chromosome.

Supplementary Table 3. Details of primary antibodies used in this study

Antigen	Cat. #	Host	Supplier	Dilution	Molecular Weight (kDa)
Cleaved caspase 3	AB3623	Rabbit	Millipore	1:500	17
H3K9me2	17-648	Rabbit	Merck	1:200	17
Histone 3	17-675	Mouse	Merck	1:1,000	17
Nestin	sc-21248	Goat	SCB	1:500	190–200
NF-M	sc-16143	Goat	SCB	1:500	160
MAP-2	sc-74421	Mouse	SCB	1:500	70
β -actin	A5316	Mouse	Sigma-Aldrich	1:5,000	42
GAPDH	Sc-48167	Goat	SCB	1:1,000	37

SCB indicates Santa Cruz Biotechnology.

Supplementary Table 4. Details of secondary antibodies used in this study

Antigen	Conjugate	Host	Supplier	Dilution	Application
Anti-rabbit IG	Peroxidase	Donkey	JL	1:10,000	Immunoblot
Anti-goat IG	Peroxidase	Donkey	JL	1:10,000	Immunoblot
Anti-mouse IG	Peroxidase	Donkey	JL	1:10,000	Immunoblot

JL indicates Jackson ImmunoResearch Laboratories.