

**Table S1 Primers used in this study****Primers for gene expression**

<b>Genes</b>	<b>5' primer</b>	<b>3' primer</b>
<i>DNMT1</i>	TTCTTCGCAGAGCAAATTGA	TGCCACCAAATTTAACCATGT
<i>TET1</i>	CCCGGGCTCCAAAGTTGTG	GCAGGAAACAGAGTCATTGGTCCT
<i>GAPDH</i>	CGAGATCCCTCCAAAATCAA	TTCACACCCATGACGAACAT
<i>ACTB</i>	TCCCTGGAGAAGAGCTACGA	TGAAGGTAGTTTCGTGGATGC
<i>ENO2</i>	TGTCTCTGGCCGTGTGTAAG	GCATGAGAGCCACCATTGAT

**Primers for ChIP assay**

<b>Genes</b>	<b>5' primer</b>	<b>3' primer</b>
<i>RELN</i> (-220 to +70)	CCGGGACACGTGTGGCGGCG	GGCGAGAAGAAGGCCGGACGGG
<i>GAD1</i> (-55 to +121)	GCGTGTTGAGTACGTTCTGGATTACT	GGAAATCACGAGGCCGTTGCT
<i>BDNF</i> (-730 to -537)	GACCTCTTCGCTTCCAGCTTG	TGCTGCTCGGTGCTGCTT
<i>GAD2</i> (-1507 to -1310)	GCCTGGAACAGACTTCACCTAG	CTGTCCCTGGTCAATTCTCTCCAC
<i>GAPDH</i> (-122 to +42)	CGGCTACTAGCGGTTTTACG	AGGAGGAGCAGAGAGCGAAG