

Table S1. Antibodies used in Western blot studies.

Antibody	Host	Source/Catalog	WB dilution
BDNF	Rabbit	Santa Cruz/sc-20981	1:1000
p-Akt (S473) (D9E)	Rabbit	Cell signaling/#4060	1:1000
Akt	Rabbit	Cell signaling/#9272	1:1000
GAPDH	Mouse	Millipore/MAB374	1:2000
Goat-anti-mouse HRP conjugated		BioRad/170-5047	1:2000
Goat-anti-rabbit HRP conjugated		BioRad/170-6515	1:2000

Table S2. Primers used in qPCR studies.

Target	Forward primer (5'-3')	Reverse primer (5'-3')
<i>Cxcl-10</i>	GGCTAGTCCTAATTGCCCTTGG	TTGTCTCAGGACCATGGCTTG
<i>Dnmt1</i>	ACCTGGAGAGCAGAAATGGC	TGAAAGGGTGTCACTGTCCG
<i>Dnmt3a</i>	GAGCCGCCTGAAGCCC	TCTTCCTTGCCACGGTTCTC
<i>Dnmt3b</i>	TGCCAGACCTTGGAACCTC	GCTGGCACCTCTTCTTCAT
<i>Fto</i>	GACACTTGGCTTCCTTACCTG	CTCACCACGTCCCGAAACAA
<i>Mettl3</i>	TTAGCATCTGGTCTGGCCTCTT	TGACCTTCTTGCTCTGCTGTTCT
<i>Mcp1</i>	CCCACTCACCTGCTGCTACT	TCTGGACCCATTCTTCTTG
<i>Ngf</i>	GGAGCGCATCGAGTGACTT	CCTCACTGCGGCCACTATAG
<i>Nt3</i>	CAGGGTGAAGGGGAAAACCT	AGTTCGGTCATTCACTCTCGC
<i>Il-</i>	ACAGAATATCAACCAACAAGTGATATTCTC	GATTCTTTCCTTTGAGGCCCA
<i>1[®] Il</i>	ATCCAGTTGCCCTTCTTGGGACTGA	TAAGCCTCCGACTTGTGAAGTGGT
<i>-6</i>	CAGTGGCTGAACCAAAGGAGACGG	CCCCGACGTTTGGGGCTGATC
<i>Tgf-[®]1</i>	TCGGGGTGATCGGTCCCAA	TGGTTTGCTACGACGTGGGCT
<i>Tnf-α</i>	CTCCTTCTCGCCAGTGGAC	TGCCCTCAGTAGGGGAAAGA
<i>TrkA</i>	CGTCACTTCGCCAGCCAGCAGTAG	CTATACGCCAGGCACCACTC
<i>TrkB</i>	CAACGAGCGGTTCCGAT	GCCACAGGTTCATACCCA
<i>[®]-actin</i>		