

Supplementary Table 1 Antibodies and primers used in Current Study

Reagent or resource	Source	Identifier
Antibodies		
Claudin-1	Abcam	Cat# ab15098; RRID:AB_301644
IBA-1	Abcam	Cat# ab178847
BDNF	HUABIO	Cat# ET1606-42
Beta III Tubulin	Abcam	Cat# ab18207
HuC/D	Abcam	Cat# ab184267
Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, HRP	Thermo Fisher Scientific	Cat# a16110; RRID:AB_2534783
Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, HRP	Goat anti-Mouse IgG (H+L) Cross- Adsorbed Secondary Antibody, HRP	Goat anti-Mouse IgG (H+L) Cross- Adsorbed Secondary Antibody, HRP
Primers		
Bdnf	CTCCGCCATGCAATTTCCACT	GCCTTCATGCAACCGAAGTA
CAT	TGGCACACTTTGACAGAGAGC	CCTTTGCCTTGGAGTATCTGG
ChAT	GAGCAGTTCAGGAAGAGC	CAGCCAGTATTTCAGAGACC
Claudin-1	GTTTGCAGAGACCCCATCAC	AGAAGCCAGGATGAAACCCA
HO-1	GATAGAGCGCAACAAGCAGAA	CAGTGAGGCCCATACCAGAAG
IL-1 β	ACTCATTGTGGCTGTGGAGA	TTGTTCATCTCGGAGCCTGT

Il-6	TACCACTTCACAAGTCGGAGGC	CTGCAAGTGCATCATCGTTGTTC
Muc2	GCTGACGAGTGGTTGGTGAATG	GATGAGGTGGCAGACAGGAGAC
PSD-95	TCTGTGCGAGAGGTAGCAGA	AAGCACTCCGTGAACTCCTG
SOD	GTGAACCAGTTGTGTTGTCAGGAC	GATGGAATGCTCTCCTGAGAGTGAGATC
Tnf- α	CTCATGCACCACCATCAAGG	ACCTGACCACTCTCCCTTTG
ZO-1	ACCCGAAACTGATGCTGTGGATAG	AAATGGCCGGGCAGAACTTGTGTA
Gapdh	TGGAGAAACCTGCCAAGTATGA	TGGAAGAATGGGAGTTGCTGT