

Supplementary Materials

Table S1. Primer sequences for rat antioxidant, inflammation, neurotransmitter, mitochondrial, and tight junction mRNA

Gene	Forward	Reverse	Accession Number
<i>Bdnf</i>	5'- ACTCGCAATGCCGAACTACC	5'- CCTTATGAACCGCCAGCCAAT	NM_001270638.1
<i>Gdnf</i>	5'- TCACCAGATAAACAAGCGC	5'- TTTCATAGCCCAAACCCAA	NM_001301357
<i>Sod1</i>	5'- TTCGTTTCTGCGGCGGCTTCT	5'- GGTTACCGCTTGCCTTCTGCT	NM_017050.1
<i>Sod2</i>	5'- CAATCTGAACGTCACCGAGGA	5'- AGCAGGCGGCAATCTGTAA	NM_017051.2
<i>Gpx</i>	5'- CTCTCCGCGGTGGCACAGT	5'- CCACCACGGGTCCGACATAC	NM_030826.4
<i>Cat</i>	5'- TGTGGTTTTTCACCGACGAGAT	5'- GCTTGAAGGTGTGTGAGCCAT	NM_012520.2
<i>Tnf-α</i>	5'-GGGGCCACCACGCTCTTCTGTC	5'- TGGGCTACGGGCTTGTCACTCG	NM_012675.3
<i>Il-1b</i>	5'- CCAGGATGAGGACCCAAGCA	5'- TCCCACCATTGCTGTTTCC	NM_031512.2
<i>Il-6</i>	5'- TTGACAGCCACTGCCTTCCC	5'- CGGAACTCCAGAAGACCAGAGC	NM_012589.2
<i>Il-10</i>	5'- AGGGTTACTTGGGTTGCC	5'- GGGTCTTCAGTTCTCTCC	NM_012854.2
<i>Nd1</i>	5'- CAAAGGCCCAACAACGAAG	5'- TGAGGTGGTTAGAGGGCGTA	X07479.1
<i>Atp6</i>	5'- CGAACCTGAGCCCTAATA	5'- GTAGCTCCTCCGATTAGA	MW209726.1
<i>Sirt1</i>	5'- CGCCTTATCCTCTAGTTCCTGT	5'- GTCAGCATCATCTTCCAAGCC	NM_001372090.1
<i>Tfam</i>	5'- CGCCTAAAGAAGAAAGCACA	5'- GCCCAACTTCAGCCATTT	NM_031326.2
<i>Pgc1a</i>	5'- GTGCAGCCAAGACTCTGTATGG	5'- GTCCAGGTCATTACATCAAGTTC	NM_031347.1
<i>Nrf1</i>	5'- GCTGTCCCACTCGTGTCTGAT	5'- GTTTGAGTCTAACCCATCTATCCG	NM_001100708.1
<i>Zo-1</i>	5'- CCACCTCGCACGTATCACAAGC	5'- GGCAATGACACTCCTTCGTCTCTG	NM_001106266.1
<i>Ocln</i>	5'- CCTCCTTACAGGCCGGATGA	5'- AGCATTGGTTCGAACGTGCAT	NM_031329.3