

## Supplementary Table S1.

**Supplementary Table S1. Sequences of primers for the genes tested.**

Target Gene	GenBank Accession No.	Primer Sequences
<i>β-actin</i>	AF025305	Forward: 5'-ACAGGGAAAAGATGACACAGATCA-3'
		Reverse: 5'-CAGCCTGGATGGCAACGTA-3'
<i>Cat</i>	NM_130912.2	Forward: 5'-AGGGCAACTGGGATCTTACA-3'
		Reverse: 5'-TTTATGGGACCAGACCTTGG-3'
<i>Sod</i>	BX055516	Forward: 5'-GTCCGCACTTCAACCCTCA-3'
		Reverse: 5'-TCCTCATTGCCACCCTTCC-3'
<i>Cu/Zn-Sod</i>	NM_131294.1	Forward: 5'-GTCGCTGGCTTGTGGAGTG-3'
		Reverse: 5'-TGTCAGCGGGCTAGTGCTT-3'
<i>gat1</i>	NM_001007362	Forward: 5'- ATGCTGTTTATCCTGTTCATCCG-3'
		Reverse: 5'- TGTTGAAGGGGTGTAGCTCC-3'
<i>gabra1</i>	NM_001077326	Forward: 5'- TCAGGCAGAGCTGGAAGGAT-3'
		Reverse: 5'- TGCCGTTGTGGAAGAACGT-3'
<i>gad1b</i>	NM_194419	Forward: 5'- AACTCAGGCGATTGTTGCAT-3'
		Reverse: 5'- TGAGGACATTTCCAGCCTTC-3'
<i>abat</i>	NM_201498	Forward: 5'- GCGTTCAGGCAAAGCTCT-3'
		Reverse: 5'- GCAGGACGGAACGGAT-3'
<i>glsa</i>	NM_001045044.1	Forward: 5'- AGGCCATGCTGAGGTTG -3'
		Reverse: 5'-CTGCCGTGCTGAGGTTG-3'
<i>syn2a</i>	NM_001002597	Forward: 5'-GTGACCATGCCAGCATTTTC-3'
		Reverse: 5'-TGGTTCTCCACTTTACCTT-3'
<i>gfap</i>	NM_131373	Forward: 5'- GGATGCAGCCAATCGTAAT-3'
		Reverse: 5'- TTCCAGGTCACAGGTCAG-3'
<i>elavl3</i>	NM_131449	Forward: 5'- AGACAAGATCACAGGCCAGAGCTT-3'
		Reverse: 5'- TGGTCTGCAGTTTGAGACCGTTGA-3'
<i>shha</i>	NM131063.3	Forward: 5'-TGTCTCGACAACCTCAACGG -3'
		Reverse: 5'- TCCGTGTATATCCGCTGCAC -3'
<i>gap43</i>	NM_131341	Forward: 5'- TGCTGCATCAGAAGAACTAA-3'
		Reverse: 5'- CCTCCGTTTGATTCCATC-3'
<i>Nrd</i>	NM_130978.2	Forward: 5'- CCTCATTTGACGGACCCCTTAG -3'
		Reverse: 5'- AGACCCGCTGCCTGATAGTGC -3'
<i>foxA3</i>	NM_131299.1	Forward: 5'- TCTCAGCTTAGGCTGTTTGTAAGAT -3'
		Reverse: 5'-AAAAATACATCATGGCAATTTTCATT-3'
<i>pbx1a</i>	AJ245962.1	Forward: 5'- GAGGGAAGAAAACAGGACATTG -3'
		Reverse: 5'-TTTCTTTTATTTACACAGGACGTT-3'
<i>mnx1</i>	NM_001009885.2	Forward: 5'- AAACCTACAGCCAGCTCCTT -3'
		Reverse: 5'-AAGCGTTTGGTCTGGATAGATATT-3'
<i>has2</i>	NM_153650.2	Forward: 5'- GAAGGTTTGTAGAGTGTCTGGAGAG -3'
		Reverse: 5'-TTGTTACAAGCTTATACCCCATGAT-3'

<i>elov11a</i>	NM_001005989.3	Forward: 5'-CCACGACTATCTCTTGAAAAGAAC -3'
		Reverse: 5'-CGACATCAAGAACTCATAAACAGTG-3'