

## SUPPLEMENTARY TABLES

**Supplementary Table 1. Primer sequences used in quantitative real time polymerase chain reaction.**

Gene	Accession Number	Sequence (5' – 3')	Tm (°C)
NOX4	NM_053524.1	F: 5'-AGGTGTCTGCATGGTGGTG-3' R: 5'-GAGGGTGAGTGTCTAAATTGGT-3'	55
HO1	NM_012580.2	F: 5'-TGCACATCCGTGCAGAGAAT-3' R: 5'-CTGGGTCTGCTTGTTTCGC-3'	55
SOD	NM_017050.1	F: 5'-TTTTGCTCTCCCAGGTTCCG-3' R: 5'-TGTCTGACACCACAACCTGG-3'	55
CAT	NM_012520.2	F: 5'-ACGAGATGGCACACTTTGACAG-3' R: 5'-ACACCGGGGACCAAATGATG-3'	55
ALB	NM_134326.2	F: 5'-CTTCAAGCCTGGGCAGTAG-3' R: 5'-GCACTGGCTTATCACAGCAA-3'	60
Lhx8	NM_001012219.1	F: 5'-GTATCACTTGGCTTGCTT-3' R: 5'-ATTACCGTTCTCCACTTC-3'	55
Nanos3	NM_001105945.1	F: 5'-CTCTGCATGAGGAAGAGGAGC-3' R: 5'-GGACTGATAGATCGCACGAG-3'	55
Nobox	NM_001192013.1	F: 5'-AGCCAGTGCAGATCTGCACC-3' R: 5'-TGTCCTGCCAGGAACATCCCTC-3'	55
Lin28a	NM_001109269.1	F: 5'-CCCGGTGGACGTCTTTGTG-3' R: 5'-CACTGCCTCACCTCCTTGA-3'	55
GAPDH	NM_017008.4	F: 5'-TCCCTCAAGATTGTCAGCAA-3' R: 5'-AGATCCACAACGGATACATT-3'	60

**Supplementary Table 2. Biochemical analysis of serum parameters in TAA-injured rat model.**

Group	AST (U/L)	ALT (U/L)	Total bilirubin (μmol/L)	Albumin (g/L)
Normal (n=6)	85.06 ± 6.94	43.63 ± 2.14	0.86 ± 0.22	43.11 ± 0.97
NTx (n=7)	168.06 ± 12.52 <sup>*</sup>	117.32 ± 5.97 <sup>*</sup>	11.275 ± 0.42 <sup>*</sup>	31.09 ± 1.17 <sup>*</sup>
Tx (n=6)	124.48 ± 5.05 <sup>*,**</sup>	86.73 ± 4.07 <sup>*,**</sup>	6.32 ± 0.74 <sup>*,**</sup>	37.42 ± 0.47 <sup>*,**</sup>

ALT, Alanine aminotransferase; AST, Aspartate transaminase. \* Significantly different versus Normal (\* $p < 0.05$ ). \*\* Significantly different versus NTx (\*\* $p < 0.05$ ).