

Supplementary Information for

Melatonin Protects Mouse Type A Spermatogonial Stem Cells against Oxidative Stress via The Mitochondrial Thioredoxin System

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Table S1: Primers and expected length of products

Gene	Primer sequence (5'-3')	Amplicon length (bp)	Gene Bank ACC
<i>Bax</i> -mice	F: ATATGGAGCTGCAGAGGATGA R: GTTGAAGTTGCCATCAGCAAAC	101	NM_007527
<i>Bcl2</i> -mice	F: AACGATTGTGGCAGTCCCTT R: ATGAAGTGCTCAGGTGCCAT	128	NM_009741
<i>Fas</i> -mice	F: GTGCAAACCAGACTTCTACTGC R: TAGGCGATTTCTGGGACTTTGT	139	NM_007987.2
<i>Trx2</i> -mice	F: CCTTGCCATTGAATATGAGGTGTC R: TCTTCAGGAAGGCTTCTAGCTG	119	NM_019913.5
<i>NNT</i> -mice	F: TCTGGAAGTCCAAACAGGTCAT R: CAGAGCGTCACATGTCTTCTTG	134	NM_001308506.1
<i>Sirt3</i> -mice	F: TCTACAGCAACCTTCAGCAGT R: AGCTCCTTGGCCAACATGAA	106	XM_006536222.5
<i>Txnip</i> -mice	F: AATACCCCTGACCTAATGGCAC R: AAGTCAGCATGGATGGAGATGT	149	NM_001009935.2
<i>Nrf2</i> -mice	F: TTCCTTCAGCAGCATCCTCTC R: AATCTGTGTTGACTGTGGCATC	86	NM_001399226.1
<i>Gapdh</i> -mice	F: TCTGAGCCTCCTCCAATTCA R: CCAATACGGCCAAATCCGTT	149	NM_001289726.2

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