

Table S1. Primer sequence and amplicon length of the genes studied with qPCR.

Unigene accession no.	Gene	Left Primer	Right Primer	Amplicon length (bp)
Hs.520640	<i>Beta-Actin</i> *	TGTGGCATCCACGAACTAC	TGATCTTGATCTTCATTGTGCT	175
Hs.544577	<i>GADPH</i> *	GGCCTCCAAGGAGTAAGACC	CTGTGAGGAGGGGAGATTCA	130
M11717.1	<i>HSP70</i> <i>promoter</i> <i>region</i> **	CGCCATGGAGACCAACACCC	GCGGTTCCCTGCTCTCTGTC	488
Hs.20685	FXN	TAGCAGAGGAAACGCTGGAC	GATTTGCTTGTTTGGCGTCT	170
Hs.8821	HAMP	GACCAGTGGCTCTGTTTTCC	CACATCCCACACTTTGATCG	180
Hs.443914	SOD-1	GGTGTGGCCGATGTGTCTAT	CACCTTTGCCCAAGTCATCT	112
Hs.487046	SOD-2	GGAAGCCATCAAACGTGACT	CTGATTTGGACAAGCAGCAA	148
Hs.502302	CAT	GTGCAAATGCAAGCTAGTGG	TCCAATCATCCGTCAAACA	150
Hs.76686	GPX-1	CTCTTCGAGAAGTGCGAGGT	AGGCTCGATGTCAATGGTCT	240
Hs.271510	GSR	CCCATGTATCACGCAGTTA	AAACCCTGCAGCATTTATC	129
Hs.301961	GST	TCATTACCCTTCCTGCACT	ACCAGTCAATGCTGCTCCTT	146
Hs.654458	IL-6	CAATGAGGAGACTTGCCTGGT	AGCTGCGCAGAATGAGATGA	275
Hs.241570	TNF- α	CCCCAGGGACCTCTCTCTAA	TCTCAGCTCCACGCCATT	172
Hs.514284	NRF-2	GAGAGCCCAGTCTTCATTGC	GTTTGGCTTCTGGACTTGA	205
Hs.654922	TNFRD1	ATGGACGATCCGTCAAGAG	GGATTCCAATTGTGCTGTCC	185

*Beta-Actin and GADPH were the housekeeping genes used for normalization purposes.

**The promoter of HSP70 was amplified to check for the presence of genomic DNA in the RNA preparation before carrying out the reverse transcription.