

Supplementary Table S1. Q-PCR primers and Taqman probes

Gene_ID	Probe	Sense Primer	Antisense Primer
Hsp27 (AJ625244)	CAAATGTCTATAGTCAGCAATTGGTAA	TCTTACTATCCGGGCACCAA	ACACAAGCATCCAAATGCAA
Hsp 70 (AJ624049)	TCCACCAGCCGACCACGTAGGACA	ACGTTGGTGCCTTGTAGGTCAT	GCCATTGATTTTCGGAACCACG
Sod(FM177867.1)	AGTCGTCACCTGTCCTCTC	TGAAAGGAGATGGTGCTGTTAC	CAAACCTCGTGAACGTGAAAC
Cat (AY580271.1)	ACAGCTTGTCTGCCTGCTCAGCAC	ACAAGGATGGACAGGCATACTAC	AATCACGGATGGCATAATCTGGA
Gst (AF527010.1)	ACGCCTGTGTCCCAACAAGTGG	AACTGACCACTTCAAGAATATGCC	AGAAAGTCTGCCATTACAAAGCT
Casp (HQ424451.1)	CCATTCCTTCAACCTCCTCGCCG	TGTCTTAGCGTTCTGTATCAGTAC	AGCTTTCTGCTGGGAAAATGAC
P53(KC545827.1)	-	AATGTCACAAGCTTCAGTTTCAAC	TAGATGTGATGTTTGTGTATCCCC
Topo (AF227976.1)	-	GCTTCCTTAGCTGTGCTGGT	ACACCATTTCTGGCCAAATC
DNA L (AJ624686.1)	-	CGACAGCCTGAATTGCAGCAG	CTGGGGCTTTCTCTCATGGTTC
Tubulin (AJ516796)	TGTTGCCTGCACCACTCTGTCCGA	GCCAAATCTTCAGACCAGACAAC	ACCTTCTGTGTAATGTCCCTTGG
RiboL27 (AJ625928)	TGCGCCATTCAGCACAAGAACTACCT	AAGCCATGGGCAAATTTATGAAAA	TTTACAATGACTGCTTTACGACCT
Actin (AJ625116)	ACGCCAACACCGTCTTGTCTGGTGG	GTGTGATGTCATATCCGTAAGGA	GCTTGGAGCAAGTGCTGTGA
18S (L33452)	ACCACATCCAAGGAAGGCAGCAGGC	CGGAGAGGAGCATGAGAAAC	CGTGCCAGGAGTGGGTAATTT

Given are: Gene ID, EMBL or NCBI gene Identifier; Taqman probe, sense primer and antisense primer sequences. All sequences are given 5' to 3'. Legend: Hsp27 (AJ625244); Hsp 70 (AJ624049); Superoxide dismutase(FM177867.1); Catalase (AY580271.1); Glutathione-S-Transferase (AF527010.1); Caspase (HQ424451.1) P53(KC545827.1) Topoisomerase (AF227976.1) DNA Ligase (AJ624686.1) beta tubulin (AJ516796) RiboL27 (AJ625928); Actin (AJ625116); 18S (L33452).