

Table S1. Primer sequences

Gene	Accession number	Forward primer	Reverse primer
Beta Actin (BAC)	NM_001101.3	5'-CAAGCAGGAGTATGACGAGTC-3'	5'-GCCATGCCAATCTCATCTTG-3'
Hypoxanthine Phosphoribosyltransferase 1 (HPRT1)	NM_000194.2	5'-AGATGGTCAAGGTCGCAAG-3'	5'-GTATTCATTATAGTCAAGGGCATATCC-3'
Peroxiredoxin 1 (PRDX1)	NM_002574.3	5'-TGTAATGACCTCCCTGTTGG-3'	5'-TATCACTGCCAGGTTTCCAG-3'
Peroxiredoxin 2 (PRDX2)	NM_005809.5	5'-CTGTTAATGATTGCCTGTGGG-3'	5'-TGGGCTTAATCGTGCTACTG-3'
Peroxiredoxin 3 (PRDX3)	NM_006793.4	5'-TCCCACCTTAGCCATCTTGC-3'	5'-GTAGTCTCGGGAAATCTGCTTAG-3'
Peroxiredoxin 4 (PRDX4)	NM_006406.1	5'-CGTTTGGTTCAAGCATTCCAG-3'	5'-CTTTTGGCGACAGACTTGAAG-3'
Peroxiredoxin 5 (PRDX5)	NM_012094.4	5'-AGAAGGGTGTGCTGTTTGG-3'	5'-TCATTAACACTCAGACAGGCC-3'
Peroxiredoxin 6 (PRDX6)	NM_004905.2	5'-CAGCACTTTCTGGGAGACT-3'	5'-GGGCAATCAACTTAACATTCCTC-3'
Catalase (CAT)	NM_001752.3	5'-TGAATGAGGAACAGAGGAAACG-3'	5'-GTACTTGTCCAGAAGAGCCTG-3'
Superoxide Dismutase 1 (SOD1)	NM_000454.4	5'-GGGCAAAGGTGGAATGAAG-3'	5'-CAGCTAGCAGGATAACAGATGAG-3'
Glutathione Peroxidase (GPX1)	NM_000581.2	5'-TTCCAGACCATTGACATCGAG-3'	5'-CACCTCATAGATGAAAACCC-3'
Sulfiredoxin (SRX)	NM_080725.2	5'-AGCATCCACACCAGACTTG-3'	5'-ACCCCTGCTATCCCTTCTG-3'
Thioredoxin 1 (TRX1)	NM_003329.3	5'-TGGTGAAGCAGATCGAGAGCAAAGA-3'	5'-ACCACGTGGCTGAGAAGTCAACTA-3'
Thioredoxin Reductase 1 (TRXR1)	NM_003330.3	5'-CAACATTGTCTGTGACCAAGC-3'	5'-AACCTCTAGAAAACCTCGCC-3'
Nuclear Factor Erythroid 2-Related Factor 2 (NRF2)	NM_006164.4	5'-GCTACGTGATGAAGATGGAAAAC-3'	5'-AGCTCAGAAAAGGTCAAATCCTC-3'
Kelch-like ECH-associated protein 1 (KEAP1)	NM_012289.3	5'-AACAGAGACGTGGACTTTTCG-3'	5'-GTGTCTGTATCTGGGTCGTAAC-3'
Protein kinase C delta (PKC δ)	NM_006254.3	5'-TGGAAAAGCGGAGGTTGG-3'	5'-ATGGAGTCGATGAGGTTCTTG-3'
ETS Proto-Oncogene 1, Transcription Factor (ETS1)	NM_001143820.1	5'-ATCATCCACAAGACAGCGG-3'	5'-GTTCCCCAGCCCTTC-3'
ETS Proto-Oncogene 2, Transcription Factor (ETS2)	NM_005239.5	5'-TCAGACAAATCCTGCCAGTC-3'	5'-GCTTCTCGTAGTTCATCTTGGG-3'