

Table S1. Primer sequences used for RT-PCR assays.

Gene	Primer Sequence	Expected Product Size (bp)
Human GCLC	FWD: 5'-AAC CCA AAC CAT CCT ACC CT -3' REV: 5'-TCA TCC ATC TGG CAA CTG TC -3'	1363
Human GCLM	FWD: 5'- TAT CAG TGG GCA CAG GTA AA -3' REV: 5'-CAC AAT GAC CGA ATA CCG -3'	237
Human HO-1	FWD: 5'-ATT GCC AGT GCC ACC AAG TTC AAG -3' REV: 5'-ACG CAG TCT TGG CCT CTT CTA TCA -3'	106
Human GSTA1	FWD: 5'- GAT GTT CCA GCA AGT GCC AAT GGT -3' REV: 5'- ACG GGC AGA AGG AGG ATC ATT TCA -3'	183
Human GSTA2	FWD: 5'- ACG GAC AAG ACT ACC TTG TTG GCA -3' REV: 5'- TGT GGG CAG GTT ACT GAT TCT GGT -3'	152
Human GPX1	FWD: 5'-AGC AGA ACG CCA AGA ACA AA -3' REV: 5'-TTC CGA CAC ACC GGA GAC - 3'	223
Human TXNRD1	FWD: 5'- TTT CTC CTT GCC TTA CTG CC -3' REV: 5'- AAG CCCACA ACA CGT TCA -3'	765
Human NQO1	FWD: 5'- TGC TTA CAC TTA CGC TGC C -3' REV: 5'- TGT GCC CAA TGC TAT ATG TC -3'	212

glutamate-cysteine ligase catalytic subunit, GCLC; glutamate-cysteine ligase regulatory subunit, GCLM; heme-oxygenase 1, HO-1; glutathione S-transferase A1, GSTA1; glutathione S-transferase A2, GSTA2; thioredoxin reductase 1, glutathione peroxidase 1, GPX1; TXNRD1; NAD(P)H dehydrogenase quinone 1, NQO1