

TABLE S2. Primers used for qPCR in this study

Gene name	Locus	Primers
Glyceraldehyde 3-phosphate dehydrogenase	TVAG_146910	F-5'- CCT CCA TCG TTG ATG CTC TCT -3' R-5'- ATG AAT TTA GAT AAG AGT TAG CGA -3'
Tryparedoxin peroxidase	TVAG_455310	F-5'- ACT TGG GTG CGA GGT TCT TGG C -3' R-5'- TTG GAC ATG ACG AAT TAT TCC TTG A -3'
Tryparedoxin peroxidase	TVAG_038090	F-5'- GTA TCC AAT TAT CGG CGA TCT CGG C -3' R-5'- TCC ATG CTT AGC AGC AAA TTG G -3'
Thioredoxin reductase	TVAG_474980	F-5'- TGT CTG CTC AAG CAT TCG ATC -3' R-5'- TCG ATG TGC TCG ACA AGG CCT -3'
Flavodoxin family protein	TVAG_216360	F-5'- ACA GAT TGG TAA AGA GAC AGT CAT -3' R-5'- TAC CAG TCC TTG TAT TCG GCT -3'
Iron superoxide dismutase	TVAG_039980	F-5'- TTA ACA CAG CAC GCT GTC GAG -3' R-5'- AAC ATC AAC CTT TTC TGG TGT -3'
Iron superoxide dismutase	TVAG_120340	F-5'- CCT TAC ACA GCA TGC TGT TGA GA -3' R-5'- CTC GAC AGA GCC GAA TTC CTT TGT -3'
Malate dehydrogenase	TVAG_171090	F-5'- AGA CAT CGA CTG CGC ATT CCT CGT C -3' R-5'- TGA TGC GAT CTC ATA GTA TGC TCT -3'