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Supplementary Material: *Functional Plant Biology*

Supplementary Material

Endoplasmic reticulum stress regulates glutathione metabolism and activities of glutathione related enzymes in *Arabidopsis*

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Table S1. Locus numbers of the genes investigated in this work and primers used for qRT-PCR

Locus	Primer Name	Sequence
AT2G25080	GPX1F	5'-GTC TCC GGT AAC CAA AAA TG-3'
	GPX1R	5'-GAC GAG AAA GGT TGC TGA GG-3'
AT2G31570	GPX2F	5'-AAA CTG CGT TGG GAC AGG-3'
	GPX2R	5'-CCC ATG AAA AGA CAT CGA ATA C-3'
AT2G43350	GPX3F	5'-GGG TCA ATC AGC GAG CTA C-3'
	GPX3R	5'-CGA TGG CGA AGA AGG GTA TC-3'
AT248150	GPX4F	5'-GGG AAA GTC CTC CTC ATC GTC-3'
	GPX4R	5'-GTG CCG GGC TCC TGG TAT A-3'
AT3G63080	GPX5F	5'-CAA AAC GCT GCA CCA GTC-3'
	GPX5R	5'-GAC CAT CTT TGC CGA CCA AG-3'
AT4G11600	GPX6F	5'-GCT CTT TGG AGA CGG CAT TA-3'
	GPX6R	5'-AGG TGA GGT AGT TGG TGC GA-3'
AT4G31870	GPX7F	5'-TCG GCC CAT CAT TGA GAT TC-3'
	GPX7R	5'-CTG CAG CCC TTG CAT AGA C-3'
AT1G63460	GPX8F	5'-GAA AGG CAA ATG GGG AAT C-3'
	GPX8R	5'-CAG CTT GAC CGT TTT TGT C-3'
AT4G23100	GSH1F	5'-GAA GCC ACA TAT GGA CAG ACA CT-3'
	GSH1R	5'-CTC AAA CCC AAA AGA GTC ATC GAA A-3'
AT5G27380	GSH2F	5'-ATT GGC TAA AGC TTG GTT GGA GTA-3'
	GSH2R	5'-CGT TCT TCT GGC TGT ACA ATT ACC A-3'
AT5G37830	OXPF	5'-TTG GAG GTT TGG CCA TTT TCA-3'
	OXPR	5'-GCC AAA AGT CTT GGA CCA GCA-3'
AT4G39640	GGT1F	5'-TCC TCG AAA AGG AGG GTT CC-3'
	GGT1R	5'-TCA TCA CAA AGT TCG GTT CAA TAA TCA-3'
AT4G39650	GGT2F	5'-CCG TAA CCC GAA ATT GGC TGA T-3'
	GGT2R	5'-GTT GTA CCG GCG ATG ATG TAC A-3'
AT5G28540	BiP1F	5'-TCA GTC CTG AGG AGA TTA GTG CT-3'
	BiP1R	5'-TGC CTT TGA GCA TCA TTG AA-3'
AT1G09080	BiP3F	5'-CGA AAC GTC TGA TTG GAA GAA-3'
	BiP3R	5'-GGC TTC CCA TCT TTG TTC AC-3'
AT5G61790	CNXF	5'-ATG AGA CAA CGG CAA CTA TT-3'
	CNXR	5'-TTC CTG AGG ACG GAG GTA CT-3'
AT1G72280	ERO1F	5'-TGG CGA TGG CCT TTA GCG ACT-3'
	ERO1R	5'-GGC CAG AAT GGG CAG TCA CAC C-3'