a) Genes unique in tomato

Tomato genes	GO annotations	Potato orthologs inside the QTL	Potato orthologs outside the QTL
Solyc10g076180.1	GO:0003677 [DNA binding]; GO:0045892 [negative regulation of transcription DNA-templated];	none	none
Solyc10g076190.1	GO:0004601 [peroxidase activity]; GO:0005576 [extracellular region]; GO:0006979 [response to oxidative stress]; GO:0020037 [heme binding]; GO:0042744 [hydrogen peroxide catabolic process]; GO:0046872 [metal ion binding];	none	PGSC0003DMG400011948
Solyc10g076170.1	none	none	none

b) Genes unique in potato

Potato genes	GO annotations	Tomato orthologs inside the QTL	Tomato orthologs outside the QTL
PGSC0003DMG400006679	GO:0004601 [peroxidase activity]; GO:0005576 [extracellular region]; GO:0006979 [response to oxidative stress]; GO:0020037 [heme binding]; GO:0042744 [hydrogen peroxide catabolic process]; GO:0046872 [metal ion binding];	none	none
PGSC0003DMG400006680	GO:0004601 [peroxidase activity]; GO:0006979 [response to oxidative stress]; GO:0020037 [heme binding];	none	none
PGSC0003DMG400006681	GO:0004601 [peroxidase activity]; GO:0006979 [response to oxidative stress]; GO:0020037 [heme binding];	none	none
PGSC0003DMG400020795	GO:0004601 [peroxidase activity]; GO:0006979 [response to oxidative stress]; GO:0020037 [heme binding];	none	none

c) Genes mapped in both tomato and potato

Tomato genes	GO annotations	Potato orthologs inside the QTL	Potato orthologs outside the QTL
Solyc10g076200.1	GO:0006869 [lipid transport]; GO:0008289 [lipid binding]; GO:0016020 [membrane];	PGSC0003DMG400040954	PGSC0003DMG400011955
Solyc10g076210.1	GO:0004601 [peroxidase activity]; GO:0005576 [extracellular region]; GO:0006979 [response to oxidative stress]; GO:0020037 [heme binding]; GO:0042744 [hydrogen peroxide catabolic process]; GO:0046872 [metal ion binding]	PGSC0003DMG400020799; PGSC0003DMG400020800	none
Solyc10g076220.1	GO:0004601 [peroxidase activity]; GO:0005576 [extracellular region]; GO:0006979 [response to oxidative stress]; GO:0020037 [heme binding]; GO:0042744 [hydrogen peroxide catabolic process]; GO:0046872 [metal ion binding];	PGSC0003DMG400020799; PGSC0003DMG400020800	none
Solyc10g076230.1	GO:0004601 [peroxidase activity]; GO:0006979 [response to oxidative stress]; GO:0020037 [heme binding];	PGSC0003DMG400020798	none