

Table 2*Table 1 Differentially expressed genes between GFP6.4 NS to the OS and SS transcriptomes.*

OS versus NS				
ID/Name		Gene expression	Log2 fold change	qPCR verification
Niben101Scf01374g07013.1	CASP-like protein (DUF1677)	Upregulated	6.051	✓
Niben101Scf07121g03008.1	Peroxidase 15	Downregulated	-20.64	✓
Niben101Scf07937g01006.1	BnaA05g03240D [Brassica napus]	Downregulated	-4.213	✓
SS versus NS				
ID/Name		Gene expression	Log2 fold change	qPCR verification
Niben101Scf04574g08003.1	Tetratricopeptide repeat (TPR)-like superfamily protein	Upregulated	4.581	✓
Niben101Scf07516g04001.1	Cytochrome P450 superfamily protein	Upregulated	4.237	✓
Niben101Scf06080g03009.1	C2 calcium/lipid-binding plant phosphoribosyltransferase family protein	Upregulated	3.218	✓
Niben101Scf15051g00012.1	Protein kinase superfamily protein	Upregulated	2.911	✓
Niben101Ctg13703g00001.1	UDP-Glycosyltransferase superfamily protein	Upregulated	1.29	N/A
Niben101Scf08704g01003.1	Stress responsive A/B Barrel Domain	Downregulated	-1.062	✓
Niben101Scf03768g00007.1	protein RESPONSE TO LOW SULFUR 1 (<i>A. thaliana</i>)	Downregulated	-2.944	✓
Niben101Scf06026g01003.1	WRKY transcription factor 44	Downregulated	-2.612	N/A