

Supplementary Table S3

Genes significantly up-regulated ≥ 2 -fold that are specifically expressed in DH seed treated with PEG.

AGI number	Fold change	Description (TAIR)	Biological process (Nick's classification)
At1g20620	2.08	catalase 3 (SEN2)	metabolism
At2g02930	5.34	glutathione S-transferase	metabolism
At3g58610	2.33	putative ketol-acid reductoisomerase	metabolism
At1g36730	2.9	eukaryotic translation initiation factor 5	protein biosynthesis
At2g24200	2.02	cytosol aminopeptidase	protein metabolism
At2g40170	2.81	ABA-regulated protein ATEM6	response to endogenous stimulus
At1g06390	2.11	Shaggy-related protein kinase iota	response to stress
At1g17470	2.06	developmentally regulated GTP-binding protein	signal transduction, cell growth
At3g11130	2.03	clathrin heavy chain, putative	unknown
At3g22440	2.12	hydroxyproline-rich glycoprotein family protein	unknown