

Table S1. Primers used in this study for qRT-PCR. ASPG1: Aspartic Protease in Guard Cell 1; GMPM1: 18 kDa seed maturation; PP2C51: protein phosphatase 2C 51-like; LEADC3: late embryogenesis abundant protein Dc3-like; DH1a: Dehydrin DH1a; ATHB22: homeobox leucine zipper; SUS2: sucrose synthase 2-like; PIP2: aquaporin PIP2-2-like; XTH6: xyloglucan endotransglucosylase/hydrolase protein 6; GOLS2: galactinol synthase 2-like; CuSOD1: Superoxide dismutase [Cu-Zn]; APX_{chl}: Chloroplast ascorbate peroxidase.

Primer Name	Sequence (5'–3')
<i>ASPG1-F</i>	TTTCCTGCAGGTTGTGGATGTTAG
<i>ASPG1-R</i>	TCCCCCGGGTATTTCCGGCGAAG
<i>GMPM1-F</i>	CTGGAACCGCCACGTATTCTCC
<i>GMPM1-R</i>	TTAAGTACCCCCAGTCCCATAC
<i>PP2C51-F</i>	CCGAGTACGGAAGCTGCAAGAAGT
<i>PP2C51-R</i>	GCAGCGATAGTGGCAGGGAAACAA
<i>LEADC3_F</i>	CTACGGCTACTGTCAACGATGTGAA
<i>LEADC3_R</i>	ATGGGTAAAGAATGGCTGTATCCCT
<i>DH1a-F</i>	CGGTCACAAGGAGGCTCAA
<i>DH1a-R</i>	GTATCCAGGAGCTGCAGTAGCA
<i>ATHB22-F</i>	AGTTGGAGCGAAGATAAGTTC
<i>ATHB22-R</i>	TCACCGGAAGGCATAAATCTAC
<i>SUS2-F</i>	ACTCTGCGGCAATG TAAACT
<i>SUS2-R</i>	AGACTGCCGCGGAGACCAGA
<i>PIP2-F</i>	ATGTCACATACGGCGGAG
<i>PIP2-R</i>	TTGGGATCAGTGGCAGAG
<i>XTH6-F</i>	CGGTCACCGCTTCTTTTCAGTT
<i>XTH6-R</i>	CAAGAACTCAAAATCTAGCTCGT
<i>GOLS2-F</i>	ATGGGATCGATGGAAATGAACTT
<i>GOL2-R</i>	ACTTCCTGCCAAGAATGTCAC
<i>CuSOD1-F</i>	CCCTTGAGACACAACGAAT
<i>CuSOD1-R</i>	GGCAGTACCATCTTGACCA
<i>APX_{chl}-F</i>	CACCTGCTGCTCATTTACG
<i>APX_{chl}-R</i>	GACCTTCCCAATGTGTGTG