

Supplementary Information

Figure S1. The analysis of saturation of DGE for two libraries.

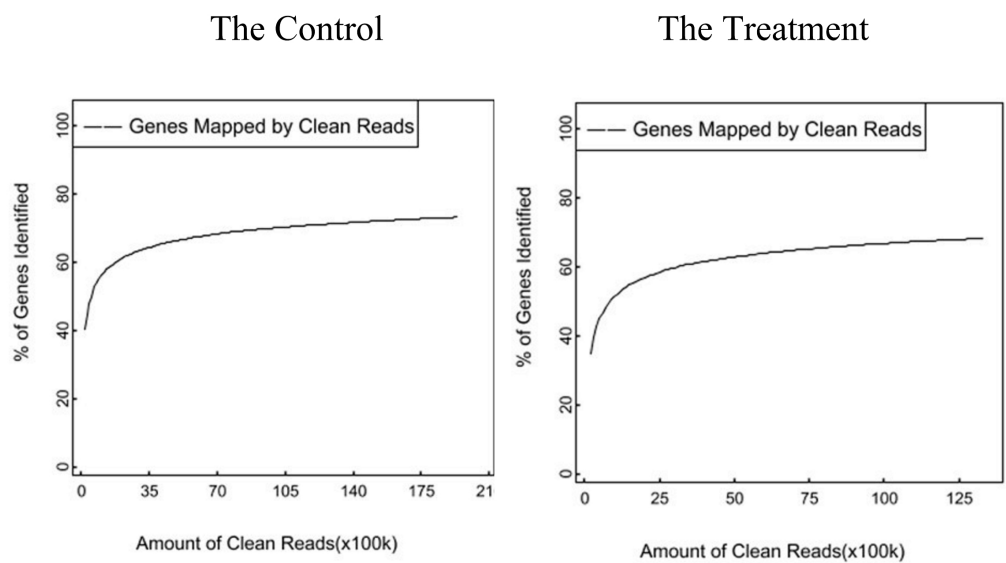


Figure S2. The procedure of sample preparation.

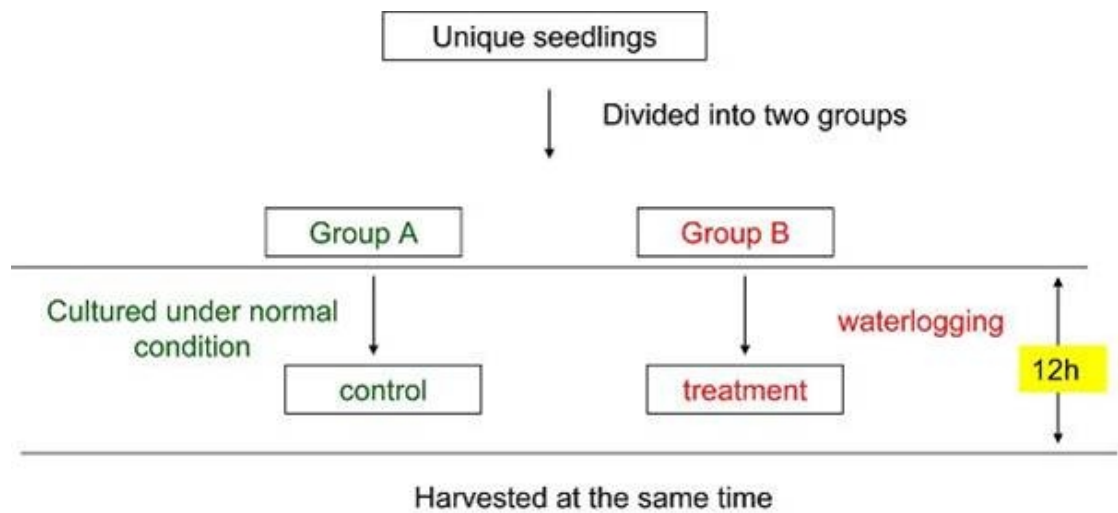


Table S1. Gene-specific primers for real-time PCR.

Gene ID	Annotation	Primes (5'→3')
Bra038700	<i>polygalacturonase inhibitory protein</i>	CGCGTCACCGCTCTCACCAT CGGAGCTCAAGAAGGTGCGCCG
Bra021558	<i>nine-cis-epoxycarotenoid dioxygenase3</i>	AGCCATCGGCGAGCTTCACG TCCGTGCGCTGGGTGCGACTA
Bra003701	<i>AP2 domain containing protein RAP2.5</i>	CGGTGGCGCGTCCTGTGTAT CATCGGAGGCCGAGCAGCAC
Bra014080	<i>hydrolase</i>	TGGTGGCGATTTCGTGTGCCC TCGGCGACCCATCCGCAAAC
Bra007609	<i>glycoside hydrolase family 28 protein</i>	AGGCCTTCCAGAGCGCCGTA TGAGCCATTTTCCGGCGGGG
Bra016729	<i>glyceraldehyde-3-phosphate dehydrogenase 1</i>	TGGGGTGAGGCTGGTGCTGA GCAGCGGCCTTGTCTTGTC
Bra022115	<i>transcription factor</i>	GCGGCGACGGTGGAGAAACA CCCCACGGCCTCTGTCTCA
Bra004778	<i>Stearoyl-acyl carrier protein desaturase</i>	CCTGACGGCACTGTGGTGGC GCTTGTGTCGTCACGCCATCGT
Bra012551	<i>abscisic acid 8'-hydroxylase/ oxygen binding</i>	GCGGCGACGGTGGAGAAACA CCCCACGGCCTCTGTCTCA
Bra015693	<i>alcohol dehydrogenase</i>	CGAGAGGACACTCAGGGGTA TGTACTTTTCGACCACCCCG
Bra019528	<i>betaine aldehyde dehydrogenase</i>	GCTGTAGGCTTGGTCCTGTT GCACCTTCCTTCCTAGCGTT
Bra030945	<i>phosphoenolpyruvate carboxylase</i>	GAGTACTTCCGCCTCGCTAC GCCGCTTGGTTTCCTCTTTG
	<i>actin</i>	ACGAGCTACCTGACGGACAAG GAGCGACGGCTGGAAGAGTA