

Table 1 Suppl. Primers used in this study (q - quantitative; RT - reverse transcription).

Genes		Primer (5'-3')	
<i>UGT76E12</i> (AT3G46660)	forward	GGATCCATGCAGGTTTTGGGAATGGAG	for RT-PCR
	reverse	GTCGACGACACAACGTCTTCATAGAGTCC	
<i>ACTIN2</i> (AT3G18780)	forward	CTCAAGAGGTTCTCAGCAGTA	for RT-qPCR
	reverse	TCACCTTCTTCATCCGCAGTT	
<i>UGT76E12</i> (AT3G46660)	forward	TGGCACGTTTCTCAATATAG	
	reverse	TAACCAAAGAAAAAGCAAAAATG	
<i>ACTIN2</i> (AT3G18780)	forward	GCAGGCATTACGAAACGACTTA	
	reverse	AGCCAAAATAGAACCTCCAATCCAA	
<i>ABA3</i> (AT1G16540)	forward	ACTCAATCCACATAGGTTCA	
	reverse	TCTCATCAATCTCGTATCTCAA	
<i>AAO3</i> (AT2G27150)	forward	CTTATGGTCTCGGTATGGT	
	reverse	CTAACGGCTTCACAACTG	
<i>NCED2</i> (AT4G18350)	forward	GGCTATTGCTTATCCTTGG	
	reverse	TGTCTTTGTTTCTTCGTCAT	
<i>ABI3</i> (AT3G24650)	forward	TACTCCGTTTGTGTTCTCAG	
	reverse	GTTTCTCCGATTGGGTTTGG	
<i>ABI5</i> (AT2G36270)	forward	AACCTAATCCAACCCGAACC	
	reverse	ACCCTCCTCCTCCTGTCC	

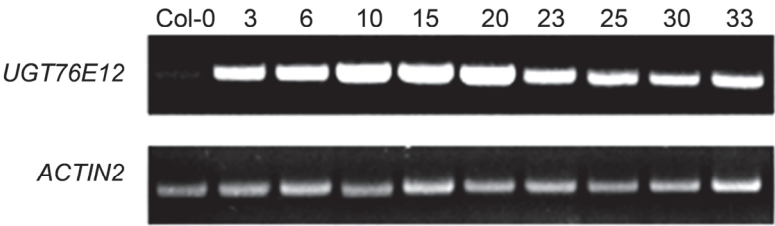


Fig. 1 Suppl. Reverse transcription PCR analysis of *UGT76E12* transcription in different overexpression lines and the wild type *Arabidopsis thaliana* Col-0.

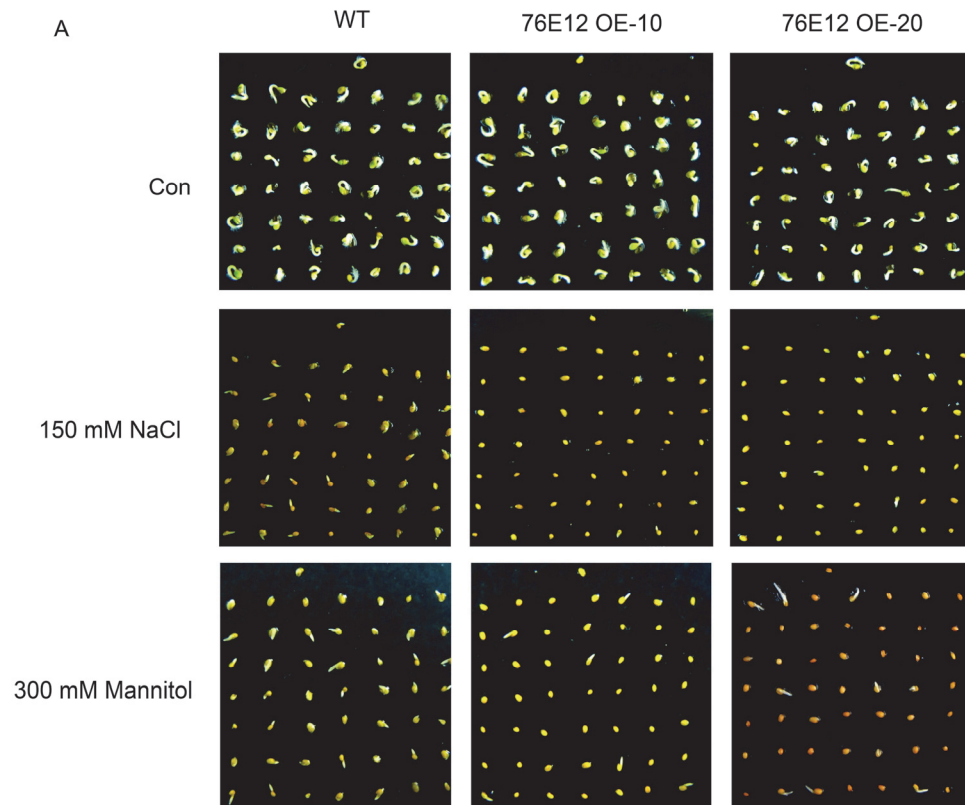


Fig. 2 Suppl. Germination of seeds from wild type (WT) and two transgenic (76E 12 OE 10 and 76E 12 OE20) transgenic *Arabidopsis thaliana* plants as affected by NaCl and mannitol treatments for 2 d. Con - control.

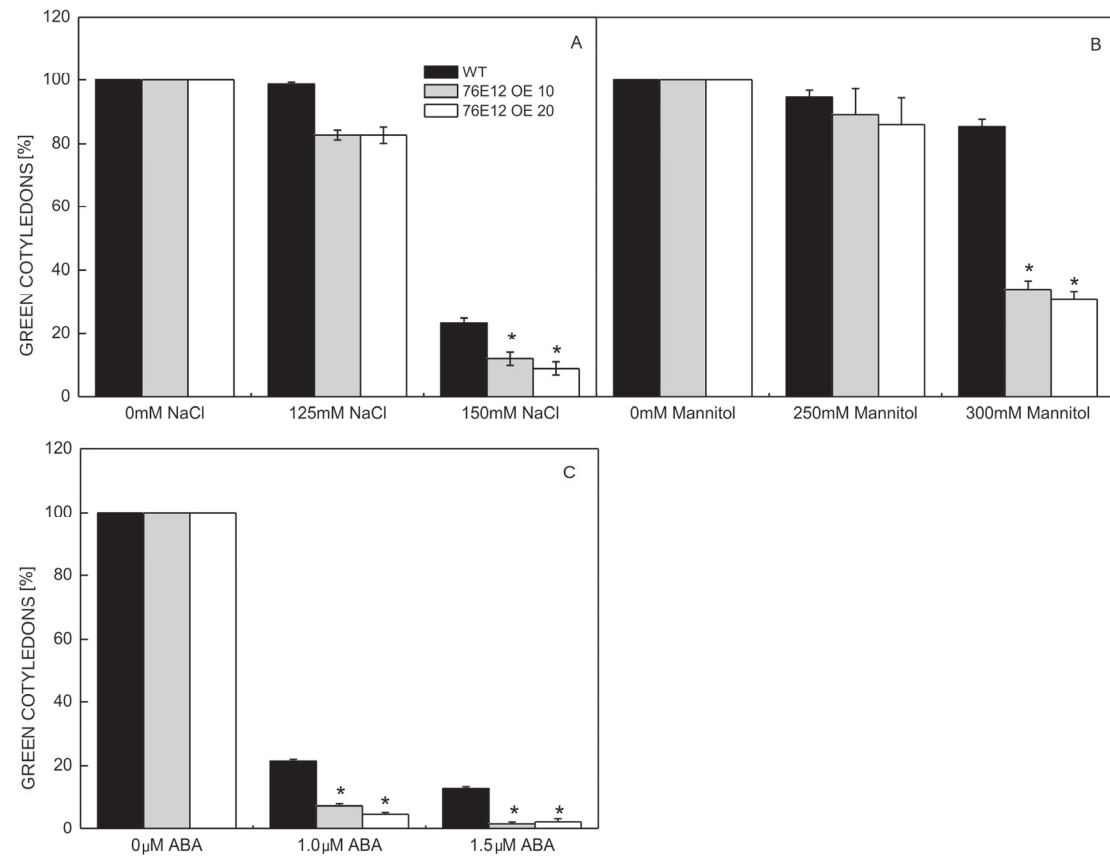


Fig. 3 Suppl. The percentage of wild type (WT) and transgenic (76E 12 OE 10 and 76E 12 OE20) *Arabidopsis thaliana* seedlings with green cotyledons after NaCl (A), mannitol (B), and ABA (C) treatments for two weeks. For these data, at least three independent biological replicates and three technical replicates were done for each treatment. Means $\pm$ SDs, $n = 3$. Asterisks indicate significant differences relative to WT (the Student t-test: * - $P < 0.05$).

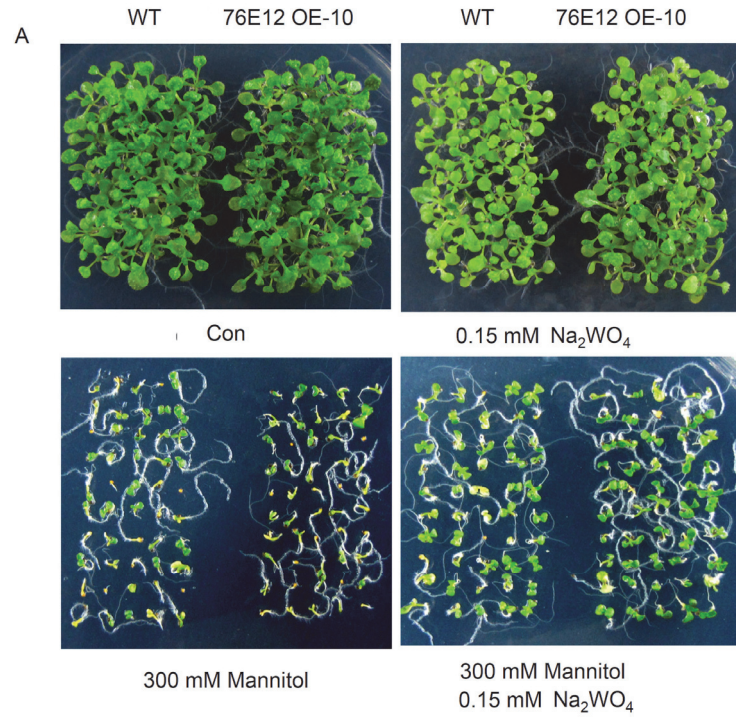


Fig. 4 Suppl. The growth phenotypes of wild type (WT) and transgenic (76E 12 OE 10 and 76E 12 OE20) of *Arabidopsis thaliana* seedlings under mannitol treatment or mannitol plus sodium tungstate (Na₂WO₄) treatments for two weeks. Con - control.