

Table 1 Suppl. Primers for *NnDREB1* isolation and drought stress-related genes expression. Twenty drought stress-related genes from *Arabidopsis* were selected for expression analysis in *NnDREB1*-transgenic and wild-type *Arabidopsis* plants. All these genes were derived from the *NCBI* database, and primers were designed according to the gene sequences with the *Primer 5.0* software.

A. Cloning primers of *NnDREB1*.

Methods	Primers	Sequences
5' RACE	forward outer primer	GACCAAGGTTGAGAGCGAA
	forward inner primer	AGGACCCGATTGGGATGAC
	reverse primer	CGCGGATCCTCCACTAGTGATTTCCTATAGG
3' RACE	forward outer primer	GACCAAGGTTGAGAGCGAA
	forward inner primer	AGGACCCGATTGGGATGAC
	reverse primer	CGCGGATCCTCCACTAGTGATTTCCTATAGG

B. Primers of drought responsive-related genes.

Primer names	Forward primers (5'-3')	Reverse primers (5'-3')
<i>P5CS2</i> (AT3G55610)	TTTGGTGTCATCTGGTGCCG	TGAGACTGCTCTGCCCAACA
<i>COR15B</i> (AT2G42530)	AAAGTGACGGCAACATCCTC	CGCAGTTTCATTGGCTTCA
<i>RC12B</i> (AT3G05890)	CAGCCACTTTCGTAGAGATT	GGAAGATAACCAAACAGCG
<i>COR47</i> (AT1G20440)	CCGAGGAAGATGAGGAGAAC	TGTCTTGTCTGGTGTCTCTG
<i>COR413</i> (AT2G15970)	CCGCTTAGGTTATCGGGTGA	CGTGGAGAGCGAATAGTGGA
<i>COR15A</i> (AT2G42540)	CAGTTCGTCTGTCGTTTCTCA	TTAGCCTCTCCTGCTTTACC
<i>RD26</i> (AT4G27410)	AAGACCCAATAGAGTAGCC	GATGAAGAAGACGATGACG
<i>ERD7</i> (AT2G17840)	TTCACGCTTCGTCTACCAA	CCGAGGAAGATGAGGAGAAC
<i>ERD10</i> (AT1G20450)	GAAGGTGAAGACGGTGAGAA	TGATCCTCTACCGAATGTGG
<i>HB-7</i> (AT2G46680)	CTGGAGATGATGTTTGAGTC	ATGATGTGTGCTGCTTAGAG
<i>LEA14</i> (AT1G01470)	CTTCGTGGCGGATAAACTC	GCTCGTAGTCAATGTCCCAG
<i>LTI30</i> (AT3G50970)	GGGATGACGGAGAAAGTTAT	CAGTTTTGTGAGTTCCATG
<i>LTP3</i> (AT5G59320)	GCTTTCGCTTTGAGGTTCT	CTAACACCCGACTTCCAG
<i>NAC019</i> (AT1G52890)	CGACGGAAGGACAAAGAGT	AAGTGAGAAGAAGACGACG
<i>NCED3</i> (AT3G14440)	GGTGAATGAACAGCCCGT	CTGGCGTAGAATAGCATG
<i>RD29A</i> (AT5G52310)	CGTTTGCTCCAAGTGGTGAT	AAGACTCAGCAATCTCCGGT
<i>RDUF1</i> (AT3G46620)	GAACGAAGAAGGTGACGG	GTTTACACGGCATCTCACG
<i>ZF2</i> (AT3G19580)	CGCTCTTTGTCTCCTCAT	CGGCGGTTGTTGAGATTAC
<i>AtGolS3</i> (AT1G09350)	AAGGCTGCGTCATCAAGGA	AGAAGTTGCCGTCAGGAAGA
<i>AT5G59550</i> (AT5G59550)	CTACCTTCAGAGCCTAATC	GCTACGGTTTGGTCTCACT

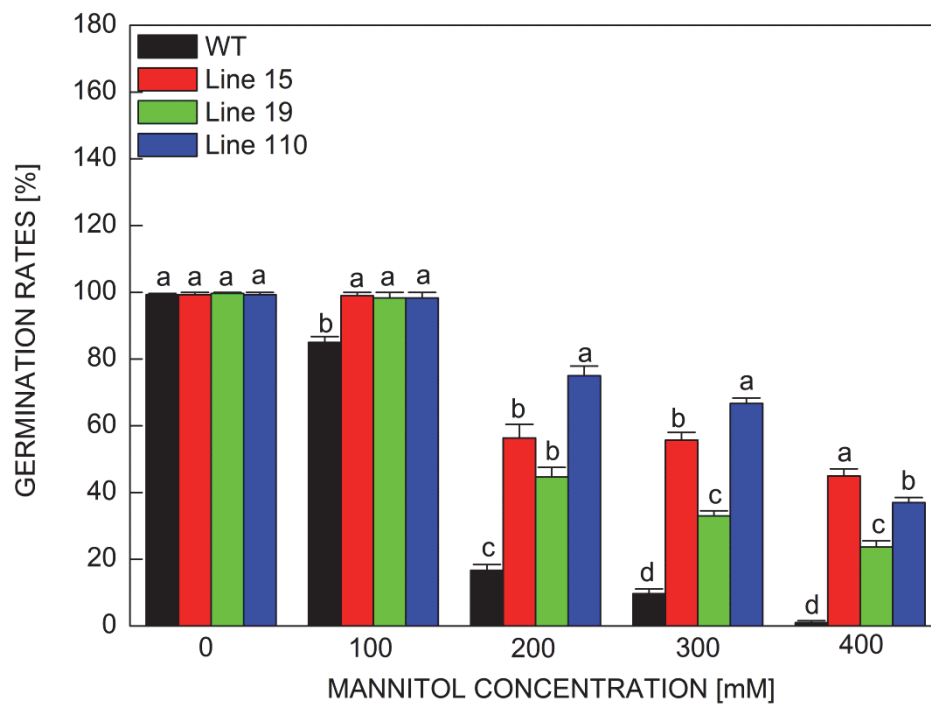


Fig. 1 Suppl. Germination rate of three transgenic lines (15, 19 and 110) and wild-type (WT) *Arabidopsis* plants on MS media containing various concentrations of mannitol. Germination rates were investigated when seedlings were at the two-leaf stage (7 d after planting)