

Table 1 Suppl. Primers used in this work. Sequences read from 5' to 3'.

Gene	Primer name	Sequence (5'-3')
<i>PvNTD1</i>	qPvNTD1-F	GAAGTGGTCGGGAATTTGTCG
	qPvNTD1-R	ATCTCAAACCCGAATCCAATGTC
<i>PvNTD2</i>	qPvNTD2-F	TGAAACTCAGTGACGATGGCAAA
	qPvNTD2-R	CTCTACCCAATCGTTGAATTTCTCA
<i>PvNTD3</i>	qPvNTD3-F	GGCCTCTTCATTGGTCTGGT
	qPvNTD3-R	CTGGACTCACTTCCTCAACCC
<i>PvNTD4</i>	qPvNTD4-F	GGGCAAAGGGATGTGGTAAG
	qPvNTD4-R	ACTCTCTGGAAAGGTCACGG
<i>PvNTD5</i>	qPvNTD5-F	ATGCAGCTCAGCTTTTGTGC
	qPvNTD5-R	ACTCTGACTAACCATGCCCT
<i>PvNTD6</i>	qPvNTD6-F	CCTTGTTGCTGCATTAGCCG
	qPvNTD6-R	CAAGCTCAATAATTCCAGCATGG
<i>PvNTD7</i>	qPvNTD7-F	GGCACCAAAGACAAAGGCAA
	qPvNTD7-R	TTGCATCCCCTTCACCAGAC
<i>PvNTD8</i>	qPvNTD8-F	ACCAAGCAACTCTCTGCAA
	qPvNTD8-R	GCACTTTGCCCTTTGTATTAC
<i>PvNTD9</i>	qPvNTD9-F	AGCACACAATGCTACTGCCT
	qPvNTD9-R	TCACCAGTTTGTGTACAGCAC
<i>PvNTD10</i>	qPvNTD10-F	GTTATGGCGACGGTGCTAGT
	qPvNTD10-R	TGAGGAATGGTTTCAAAGCC
<i>PvNTD11</i>	qPvNTD11-F	TAGGAGCGTGGAATGTGAG
	qPvNTD11-R	CTGGCACGAAACCTCTGGAA
<i>Actin-2</i>	qAct-2-F3	GCAATTCAGGCTGTCTTGTCTTTGT
	qAct-2-R3	TAAATCACGGCCAGCAAGATCC
<i>UBQ</i>	qUBQ-F3	TACATGCGATCTTGGACTGGC
	qUBQ-R3	GGGGCTTTTCTGGGTAGTCT

Table 2 Suppl. Motifs in promoter regions of *PvNTD9*, *PvNTD10* and *PvNTD11* related to stress.

Group	Factor or site name	Location	Signal sequence	Function annotation
<i>PvNTD9</i>				
Stress RE	ABRELATERD1	-198, -134	ACGTG	ABRE-like sequence involved in response to dehydration
	MYB1AT	-671, -591	WAACCA	MYB recognition site involved in response to dehydration
	MYB2AT	-699, -652	TAACGTG	MYB recognition site involved in response to water stress
	MYBATRD22	-592	CTAACCA	MYB recognition site involved in response to water stress
Pathogen and wounding RE	MYCATERD1	-675, -659	CATGTG	MYC recognition sequence involved in responsive to dehydration
	MYCCONSUSAT	-891, -755	CANNTG	MYC recognition sequence involved in responsive to dehydration
	PREATPRODH	-730	ACTCAT	L-Pro and or hypoosmolarity-responsive element.
	ABRERATCAL	-199	MACGYGB	ABRE-related sequence" involved in Ca ²⁺ -response
	ELRECOREPCR1	-583	TTGACC	elicitor responsive element
	GT1GMSCAM4	-879, -443, -408, -361, -350, -65	GAAAAA	GT-1 motif" involved in pathogen and salt response
	BIHD1OS	-637, -33	TGTCA	disease responsive element
	WBOXNTERF3	-582, -367, -57	TGACY	W box" involved in response to wounding
	WRKY71OS	-637, -582, -367, -57, -32	TGAC	core of TGAC-containing W-box involved in response to pathogens
	WBOXATNPR1	-583	TTGAC	W-box involved in response to pathogens
Hormone RE	CAREOSREP1	-874	CAACTC	CAREs (CAACTC regulatory elements) involved in response to gibberellins
	CATATGGMSAUR	-755	CATATG	involved in auxin responsiveness
	T/GBOXATPIN2	-199, -135	AACGTG	T/G-box involved in induction by jasmonate
<i>PvNTD10</i>				
Stress RE	CBFHV	-334	RYCGAC	dehydration-responsive element
	MYB1AT	-935	WAACCA	MYB recognition site involved in response to dehydration
	MYB2AT	-772	TAACGTG	MYB recognition site involved in response to water stress
	MYCATERD1	-564	CATGTG	MYC recognition sequence involved in responsive to dehydration
Pathogen and wounding RE	PREATPRODH	-923	ACTCAT	L-Pro and or hypoosmolarity-responsive element.
	WBOXNTERF3	-851, -472, -400, -268	TGACY	W box involved in response to wounding
	WRKY71OS	-850, -647, -566, -471, -399, -267	TGAC	core of TGAC-containing W-box involved in response to pathogens
	LECPLEACS2	-640, -603	TAAAATAT	involved in defence
Hormones RE	WBOXATNPR1	-850, -471	TTGAC	W-box involved in response to pathogens
	ASF1MOTIFCAMV	-648	TGACG	ASF-1 binding site involved in response to auxin and/or salicylic acid
	DPBFCOREDCDC3	-237	ACACNNG	Response to abscisic acid
	ERELEE4	-930, -590	AWTTCAAA	Ethylene responsive element
	CATATGGMSAUR	-183	CATATG	Involved in auxin responsiveness
<i>PvNTD11</i>				
Stress RE	MYCATRD22	-203	CACATG	MYB recognition site involved in response to dehydration
	MYBCORE	-504, -10	CNGTTR	MYB binding site involved in response to water stress
	MYB2AT	-504	TAACGTG	MYB recognition site involved in response to water stress
	MYCCONSUSAT	-991, -905, -759, -203, -32	CANNTG	MYC recognition sequence involved in responsive to dehydration
	MYB1AT	-651, -243	WAACCA	MYB recognition site involved in response to dehydration-responsive
	MYB2CONSUSAT	-504	YAACKG	MYB recognition site involved in response to dehydration-responsive
	MYCATERD1	-203	CATGTG	MYC recognition sequence involved in responsive to dehydration
	ABRELATERD1	-144	ACGTG	ABRE-like sequence involved in response to dehydration
	ABRERATCAL	-145	MACGYGB	ABRE-related sequence involved in Ca ²⁺ response
	SEBFCONSSTPR10A	-20	YGTWC	response to pathogens
	MYBILEPR	-13	GTTAGTT	present in defence-related genes expression

Pathogen and wounding	WRKY71OS	-296, -112, -19, -4	TGAC	core of TGAC-containing W-box involved in response to pathogens
RE	GT1GMSCAM4	-169	GAAAAA	GT-1 motif involved in pathogen- and salt response
	WBOXNTERF3	-113	TGACY	W box involved in response to wounding
	LECPLEACS2	-536, -392, -347, -102	TAAAATAT	involved in defence
Hormones	BIHD1OS	-19	TGTCA	disease responsive element
RE	ARFAT	-941	TGTCTC	auxin response factor
	DPBFCOREDCDC3	-203, -120, -32	ACACNNG	response to abscisic acid
	T/GBOXATPIN2	-145	AACGTG	T/G-box involved in induction by jasmonate

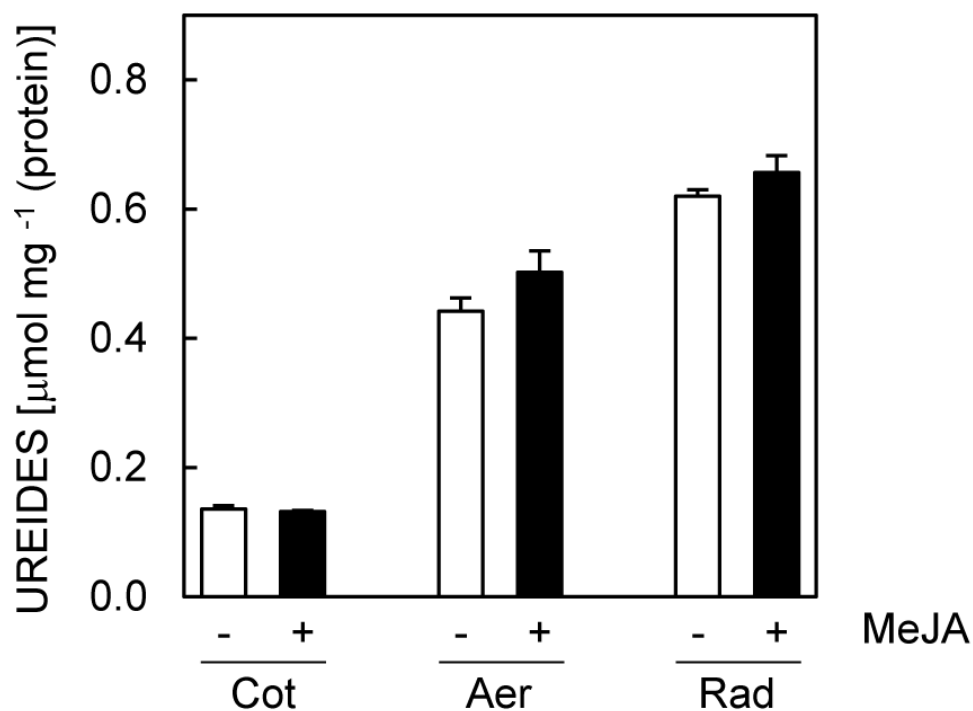


Fig. 1 Suppl. Ureides in cotyledons (Cot), aerial part (Aer), or radicles (Rad) of common bean seedlings in the absence of MeJA (-) or treated with 50 μM MeJA (+) for 24 h. Means $\pm$ SEs of three biological replicates. No significant differences were detected according to *t*-test.