

Table 1 Suppl. The sequences of the primers used in PCR and real-time-qPCR.

Genes	Primer names	Sequences (5'→3')	Amplicon sizes [bp]
TFIIB1	TFIIB1Up	ATGTCGGATGCGTATTGTACG	1846 (DNA template)
	TFIIB1Do	TCAAGGACTTGACAGGTTTTTCAG	1032 (cDNA template alternative isoform) 939 (canonical cDNA template)
TFIIB1 alt	5358	GAGGCTGGAGGATCAGAAAGTC	200
	5359	CTATTACAAAGGTTACGAGTTTG	
TFIIB1 can	5358	GAGGCTGGAGGATCAGAAAGTC	116
	918	CGCATATTTCTTAATAGTTCGTG	
BRP1	UpBRP1-q	CTGAGCATGCTTTCCAGTTG	174
	TFIIB4.1.2 lower	TCCCAATTTCTTCTGCTGT	
BRP2	UpBRP2-q	TCCGGAGAAACCCTAAGTCA	202
	TFIIB3.2 lower	TTGATGATGTCTGATTCACAAGC	
BRP3	TFIIB4.2 upper	GAAGACGGAATTTGCTTGGA	160
	LoBRP3-q	GATGGCCGGATTTGAGATTA	
BRP4	TFIIB3.1 upper	CCAAGCCGAATAAAGCTCTG	150
	LoBRP4-q	CAGCAAAAAGGACGTTTCGT	
GAPDH	GAPDH upper	GCCGGGACTGGATTGTTTGCTGAG	185
	GAPDH lower	TTCGCCAGTTCCATCACCGCGTA	

Table 2 Suppl. *Cis*-acting elements stress-related located in promoter regions of general transcription factors TFIIB and related members. Inducers binding sites found in TFIIB family promoters sequences: RAV - dehydration and salinity; GATA - light response element; W-BOX - response to salicylic acid; MYB4 - environmental stress; DPBF1&2 - ABA response; MYC - dehydration, ABA; ARF - ABA response; SORLIP - light response element; ** - (ATB2/AtbZIP53/AtbZIP44/GBF5 BS in ProDH) biotic and abiotic stress, auxin-related; ABRE - ABA response elements; HSE - heat; G-BOX - abiotic stress, ABA-mediated, methyl jasmonate; I-BOX - light-regulated; Z-BOX - light-dependent expression; DRE - drought, salt, and freezing tolerance; NP - absence of regulatory element.

ID	At2g41630	At3g10330	At4g01340	At2g02955	At2g45100	At1g30455	At4g19550	At3g29380	At4g36650	At3g57370	At4g10680	At4g35540	At3g09360	At5g39230	At2g01280
logo	TFIIB1	TFIIB2	MEE12CTD	MEE12	BRF2	BRF-like	BRF4CTD	BRP2	BRP1	BRP4	BRP3	BRP5	BRF1	BRP6	BRF3
RAV1-A	9	6	3	2	6	18	2	1	2	4	3	3	2	1	NP
GATA	6	8	5	5	4	5	2	1	6	6	1	1	1	2	NP
W-box	4	2	1	1	3	2	1	NP	3	1	NP	NP	NP	1	NP
MYB	5	1	3	4	1	11	NP	1	NP	NP	1	NP	1	NP	NP
DPBF1&2	2	5	2	NP	2	NP	2	1	3	NP	1	NP	1	NP	NP
MYC	4	3	1	NP	NP	8	NP	1	1	NP	1	NP	NP	NP	NP
ARF	3	1	4	4	1	2	NP	NP	NP	NP	NP	NP	NP	NP	NP
SORLIP	1	2	1	1	1	NP	NP	NP	NP	NP	NP	1	NP	NP	NP
**	1	2	1	1	NP	NP	NP	NP	NP	1	NP	NP	NP	NP	NP
ABRE	1	7	NP	NP	NP	NP	3	3	NP	NP	NP	NP	NP	NP	NP
HSE	2	2	NP	NP	NP	2	NP	NP	NP	NP	NP	NP	NP	NP	NP
G-BOX	NP	2	NP	NP	NP	NP	2	NP	NP	1	NP	NP	NP	NP	NP
I-BOX	1	1	NP	NP	NP	NP	NP	NP	NP	NP	NP	1	NP	NP	NP
Z-BOX	1	NP	NP	1	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
DRE	1	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP

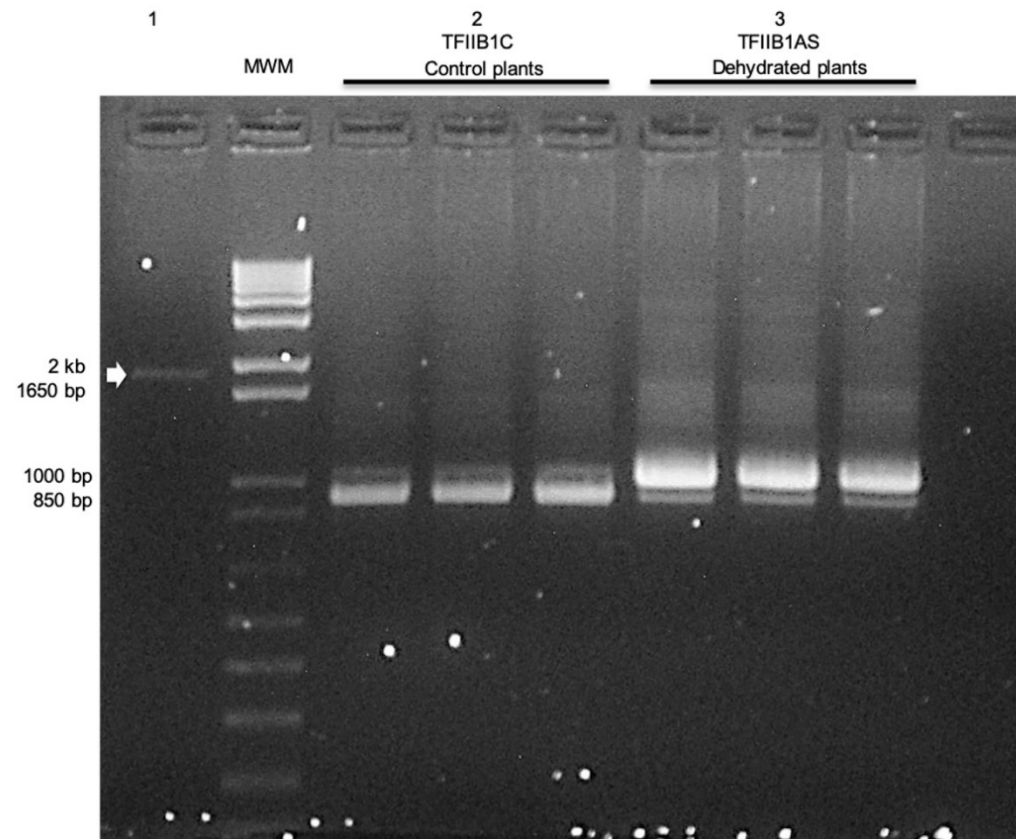


Fig. 1 Suppl. PCR amplification of *TFIIB1* in *Arabidopsis thaliana*. 1 - *TFIIB1* PCR amplification product of *Arabidopsis* genomic DNA (1 846 bp, *white arrow*); 2 – RT-PCR amplification product of *TFIIB1* canonical isoform from *Arabidopsis* cDNA (939 bp); 3 – RT-PCR amplification product of *TFIIB1* alternative splicing isoform from *Arabidopsis* cDNA (1 032 bp). MWM - 1 kb plus ladder (*Invitrogen*).