

Table S4

Cis-Element Prediction of *BnAUX/LAX* and *BnPIN* Promoters

			BnPIN1a	BnPIN1b	BnPIN3	BnPIN5	BnPIN6	BnPIN8	BnAUX1	BnLAX1	BnLAX2	BnLAX3
Hormones	TGA-element	auxin-responsive element	1									
	TATC-box	cis-acting element involved in gibberellin-responsiveness								1		1
	TCA-element	cis-acting element involved in salicylic acid responsiveness			2		3					
	CGTCA-motif	cis-acting regulatory element involved in the MeJA-responsiveness			2			2		1		
	TGACG-motif	cis-acting regulatory element involved in the MeJA-responsiveness		1		1		1		1		
	P-box	gibberellin-responsive element		1			1					1
	GARE-motif	gibberellin-responsive element										1
Stresses	TC-rich repeats	cis-acting element involved in defense and stress responsiveness								1		
	LTR	cis-acting element involved in low-temperature responsiveness			1		1	1				
	ABRE	cis-acting element involved in the abscisic acid responsiveness	1	3		1			1	2		1
	ARE	cis-acting regulatory element essential for the anaerobic induction	3			2	1	2		1	2	
	MBS	MYB binding site involved in drought-inducibility								1		
Light	ACE	cis-acting element involved in light responsiveness						1			1	
	G-box	cis-acting regulatory element involved in light responsiveness		4	1	1	1	1	1	3		
	GT1-motif	light responsive element			4	1					1	
	MRE	MYB binding site involved in light responsiveness		1							1	1
	Box 4	part of a conserved DNA module involved in light responsiveness					1	2		1		2
	ATCT-motif	part of a conserved DNA module involved in light responsiveness		1								1
	ATC-motif	part of a conserved DNA module involved in light responsiveness		1								
	TCT-motif	part of a light responsive element					1		1			1
	chs-CMA1a	part of a light responsive element									1	
	Gap-box	part of a light responsive element										1
	TCCC-motif	part of a light responsive element	1									
	GATA-motif	part of a light responsive element		1			2					
	I-box	part of a light responsive element			2	1						
	AT1-motif	part of a light responsive module						1				1
Circadian	AE-box	part of a module for light response		1	1	1						
	circadian	cis-acting regulatory element involved in circadian control	1									
Essential Element	CAAT-box	common cis-acting element in promoter and enhancer regions	6	10	6	10	7	7	2	2	10	10
	TATA-box	core promoter element around -30 of transcription start	7	36	11	61	25	20	4	24	13	17
Others	AT-rich element	binding site of AT-rich DNA binding protein (ATBP-1)	1									
	A-box	cis-acting regulatory element								1		
	RY-element	cis-acting regulatory element involved in seed-specific regulation						1				
	O2-site	cis-acting regulatory element involved in zein metabolism regulation				1						
	CAT-box	cis-acting regulatory element related to meristem expression								1		
	GCN4_motif	cis-regulatory element involved in endosperm expression	1									
	AT-rich sequence	element for maximal elicitor-mediated activation (2copies)		1								
	MRE	MYB binding site involved in light responsiveness						1				