

## Supplementary Tables

**Supplementary Table S1.** The primers designed by Oligo7.

Primer name	Sequences 5'-3'	Used for
<i>PmSBP1</i> -F	ATGACAATTATGGAAATGGGC	gene clone
<i>PmSBP1</i> -R	TTAAAGTGACCAGTGAACATG	
<i>PmSBP6</i> -F	ATGGAATCAAACAGAGCTCATGGG	promoter clone
<i>PmSBP6</i> -R	TCATTCTCCATGATATTCAGAGGAGGTTT	
<i>PmSBP1</i> -2M-F	ATTTACTGAATTGTGCTCTC	
<i>PmSBP1</i> -2M-R	TGTCATTTACAGCCCATT	
<i>PmSBP6</i> -2M-F	CACCGAATGTGTTTTTGCCTCA	
<i>PmSBP6</i> -2M-R	TTTGGAGAAAATTAGGAGAGAAGGCAAG	
<i>PmSOC1</i> -1-1M-F	TCAAAATCTTCCTTCCTACTCTC	
<i>PmSOC1</i> -1-1M-R	TAACAGAAGGAAGCGCTC	
<i>PmSOC1</i> -2-1M-F	AGAGATGAATAAAAAACGAAAGCCA	
<i>PmSOC1</i> -2-1M-R	AGCCTAGATCATCGCCAT	
<i>PmSOC1</i> -3-1M-F	CCGTGATGTGTTGAGTTCT	vector
<i>PmSOC1</i> -3-1M-R	CCGCTTCCAAACAAAGAA	
<i>gus-SBP1</i> -2M-F	TTATCGATACCGTCGACATTTACTGAATTGTGCTCTC	
<i>gus-SBP1</i> -2M-R	TGACCACCCGGGGATCCTGTCATTTACAGCCCATT	
<i>gus-SBP6</i> -2M-F	GCTTATCGATACCGTCGACCACCGAATGTGTTTTTGCCTCA	
<i>gus-SBP6</i> -2M-R	ACTGACCACCCGGGGATCCTTTGGAGAAAATTAGGAGAGAA GGCAAG	
<i>my-SBP1</i> -F	GTCGACATTTAAATACTAGTATGACAATTATGGAAATGG	
<i>my-SBP1</i> -R	AGCTTTTGCTCCATGGTACCAAGTGACCAGTGAACATGCT	
<i>pc-SBP6</i> -F	ACGGGGGACTCTTGACCATGGATGGAATCAAACAGAGCTCA TGGG	
<i>pc-SBP6</i> -R	GGGAAATTCGAGCTGGTCACCTCATTCTCCATGATATTCAGA GGAGGTTT	
<i>gus-PmSBP1</i> -F	CGGGGGACTCTAGAGGATCCATGACAATTATGGAAATGGGC	35S: <i>PmSBP1</i> -GUS
<i>gus-PmSBP1</i> -R	GACTGACCACCCGGGGATCCTTAAAGTGACCAGTGAACATG	
<i>pAi-OC2-B1</i> -F	AAGCTTGAATTCGAGCTCAGCTTATTTCTTGAGCTAT	pAbAi-Bait
<i>pAi-OC2-B1</i> -R	ACATGCCTCGAGGTCGACTTAATTACAAGATCATCGTGAG	
<i>pAi-OC2-B2</i> -F	AAGCTTGAATTCGAGCTCTTCTATCATACTCCTATACCCT	
<i>pAi-OC2-B2</i> -R	ACATGCCTCGAGGTCGACAGATTTCTAAAAATAGAACCC	

pAi-OC2-B3-F	AAGCTTGAATTCGAGCTCATTCCCTCTTTTACTTCT	
pAi-OC2-B3-R	ACATGCCTCGAGGTCGACGAAAGAAAACGCAGTGAA	
pAi-OC3-B1-F	AAGCTTGAATTCGAGCTCGCCTCCAATAAAGGTTTT	
pAi-OC3-B1-R	ACATGCCTCGAGGTCGACATAAATGCCTAAGGCTGA	
pAi-OC3-B2-F	AAGCTTGAATTCGAGCTCGCATGTGGCATCACCCCA	
pAi-OC3-B2-R	ACATGCCTCGAGGTCGACTGTCCGTACAATGGTTGAGA	
AD-SBP1-F	ATGGAGGCCAGTGAATTCATGACAATTATGGAAATGG	pGADT7-PmSBP1
AD-SBP1-R	CTCGAGCTCGATGGATCCTTAAAGTGACCAGTGAACATG	
AD-SBP6-F	ATGGAGGCCAGTGAATTCATGGAATCAAACAGAGCTCATGG	pGADT7-PmSBP6
	G	
AD-SBP6-R	CTCGAGCTCGATGGATCCTCATTCTCCATGATATTCAGAGGA	
	GGTTT	

**Supplementary Table S2.** Details of the *cis*-acting elements of the promoter sequences of *PmSBP1/6*.

Gene name	<i>cis</i> -acting			
	elements	Sequences 5'-3'	Amount	Function
<i>PmSBP1</i>	TCT-motif	TCTTAC	1	light response
	LAMP-element	CTTTATCA	1	light response
	CAG-motif	GAAAGGCAGAC	1	light response
	Box 4	ATTAAT	2	light response
	G-box	CACGAC	2	light response
	TCCC-motif	TCTCCCT	1	light response
	GT1-motif	GGTTAAT	1	light response
	TCA-element	CCATCTTTTT	1	salicylic acid response
	ABRE	ACGTG	1	abscisic acid response
	ARE	AAACCA	2	anaerobic induction
	GARE-motif	TCTGTTG	1	gibberellin response
	GCN4_motif	TGAGTCA	2	endosperm expression
<i>PmSBP6</i>	LAMP-element	CTTTATCA	1	light response
	Box 4	ATTAAT	1	light response
	TCCC-motif	TCTCCCT	1	light response
	AE-box	AGAAACTT	1	light response
	chs-Unit 1 m1	ACCTAACCCGG	1	light response
	ACE	GACACGTATG	1	light response
	GATA-motif	GATAGGG	1	light response
	ATCT-motif	AATCTAATCC	1	light response
	MRE	AACCTAA	1	light response
	GA-motif	ATAGATAA	1	light response
	ARE	AAACCA	5	anaerobic induction

MBS	CAACTG	2	drought-inducibility
P-box	CCTTTTG	1	gibberellin-responsive
O2-site	GATGATGTGG	1	zein metabolism regulation
CAT-box	GCCACT	1	meristem expression

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