

Table S4 Analysis of cis-elements in SmPHT1 genes

[illegible]

light-related	O2-site	zein metabolism regulation	0	0	0	0	1	0	1	4	0
	circadian	circadian control	1	0	1	0	1	2	0	0	0
	ACE	light- responsive	0	0	0	1	0	0	0	0	2
	AE-box	light- responsive	0	1	0	0	1	0	0	1	1
	ATCT-motif	light- responsive	0	0	0	0	0	0	1	1	0
	AT1-motif	light- responsive	0	2	0	0	0	0	0	0	0
	Box4	light- responsive	6	4	4	4	2	3	2	10	3
	Box II	light- responsive	0	0	0	1	0	0	1	0	0
	C-box	light- responsive	0	0	1	0	0	0	0	0	0
	CAG-motif	light- responsive	1	0	0	0	0	0	0	0	0
	G-Box	light- responsive	1	3	2	2	2	3	4	3	1
	G-box	light- responsive	3	4	4	8	4	8	6	5	6
	GA-motif	light- responsive	0	0	0	0	0	0	0	0	2
	GATA-motif	light- responsive	0	0	1	1	0	1	1	2	1
	GT1-motif	light- responsive	1	0	0	1	1	2	2	2	0
	Gap-box	light- responsive	0	0	0	1	0	0	0	0	0
	I-box	light- responsive	0	1	0	0	0	0	1	2	0
	LAMP-element	light- responsive	0	0	0	0	0	0	0	0	1
	MRE	light- responsive	0	0	2	1	0	0	0	0	2
	TCCC-motif	light- responsive	3	1	1	1	2	0	1	2	1
	TCT-motif	light- responsive	1		3	3	1	0	1	1	4
	chs-CMA1a	light- responsive	1	1		1	0	1	0	0	0
	chs-CMA2a	light- responsive	0	0	1	0	0	0	0	0	0
	chs-CMA2b	light- responsive	0	0	0	0	0	1	0	0	0
