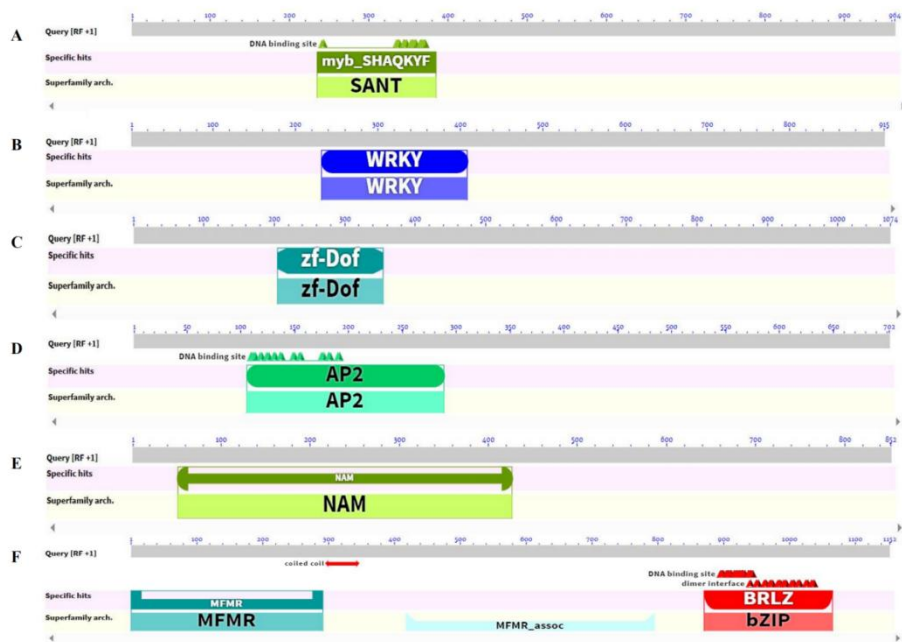


附表 1 *PpGS1.1* 启动子顺式作用元件分析App. Tab.1 Analysis of cis-acting elements of the *PpGS1.1*pro

顺式作用元件	数量	功能	序列
cis-Elements	Number	Function	Sequence
A-box	2	顺式作用元件 (cis-acting element)	CCGTCC
ABRE	1	ABA 响应元件 (ABA-responsive element)	ACGTG
ARE	3	厌氧诱导顺式作用元件 (anaerobic-responsive element)	AAACCA
Box 4	1	部分参与光响应的顺式作用元件 (cis-acting element involved in light responsiveness)	ATTAAT
CAAT-box	38	启动子和增强子常见作用元件 (common cis-acting element in promoter and enhancer regions)	CAAAT
CAT-box	1	分生组织表达相关顺式作用元件 (cis-acting regulatory element related to meristem expression)	GCCACT
CCAAT-box	1	MYBHv1 结合位点 (MYBHv1 binding site)	CAACGG
CGTCA-motif	3	茉莉酸甲酯响应元件 (MeJA-responsive element)	CGTCA
G-box	2	光响应元件 (light-responsive element)	TACGTG
GC-motif	1	厌氧诱导响应元件 (anaerobic induction responsive element)	CCCCCG
RY-element	1	调控种子表达的特异性元件 (cis-acting regulatory element involved in seed-specific regulation)	CATGCATG
Sp1	3	光响应元件 (core promoter element)	GGGCGG
TATA-box	30	启动子核心元件 (salicylic acid-responsive element)	TATA
TCA-element	1	水杨酸响应元件 (salicylic acid-responsive element)	CCATCTTTTT
TGA-element	1	生长素响应元件 (auxin-responsive element)	AACGAC
TGACG-motif	3	茉莉酸甲酯响应元件 (MeJA-responsive element)	TGACG



A PpMYBS2 结构域。B PpWRKY65 结构域。C PpDOF1 结构域。D PpERF14 结构域。E PpNAC67 结构域。F PpbZIP1 结构域。
A PpMYBS2 domain. B PpWRKY65 domain. C PpDOF1 domain. D PpERF14 domain. E PpNAC67 domain. F PpbZIP1 domain.

附图 1 转录因子结构域分析

App. Fig. 1 Domain analysis of transcription factors

附表 2 筛选得到与 *PpGS1.1* 启动子互作的候选转录因子

App. Tab.2 Candidate transcription factors screened for interaction with the *PpGS1.1* promoter

序号	基因 ID	注释	转录因子家族
Number	Gene ID	Information	TF Family
1	LOC127309785	MYBS2-like 转录因子 (MYBS2-like transcription factor)	MYB
2	LOC127344604	WRKY65 转录因子 (WRKY65 transcription factor)	WRKY
3	LOC124677961	DOF1 转录因子 (DOF1 transcription factor)	DOF
4	LOC124688543	乙烯响应转录因子 ERF14-like (Ethylene-responsive transcription factor ERF14-like)	ERF
5	LOC127311599	NAC67-like 转录因子 (NAC67-like transcription factor)	NAC
6	LOC127300715	bZIP1-A 转录因子 (bZIP1-A transcription factor)	bZIP