

Table 1

Transgenic Materials	Primer Name	Sequence (5'- to -3')
<i>phyA-211</i>	phyA-F	GACACGATGATTCTGCATC
	phyA-R	CAGCTGTGCGGTGCTCTAA
<i>phyA-201</i>	<i>phyA-201</i> -F	GAAGTGTTGACTGCTTCCACGAGT
	<i>phyA-201</i> -R	TAGCAAGATGCACAGAACGCC (Need check with <i>HrfI</i>)
PIF7ox	PIF7-F	ACTGCAAGTAAGGCGGATAAAGTC
	PIF7-R	GATCCATATTCATTGTCTGTGCG
<i>pif7-2</i>	pif7-2-F	GGAGAGCCATAGAGTTGG
	pif7-2-R	CGACATCTGAAACTGTTGC
	T-DNA _R	TAGCATCTGAATTTTCATAACCAATCTCGATACAC
<i>pif7-1</i>	PIF7-1_F	CATCCTCTGGTTTATCCTATCACGCCG
	PIF7-1_R	CCGTTTCATGGTCTAGGCG
	T-DNA _R	TGATAGTGACCTTAGGCGACTTTTGAACGC
NanoLUC	Nanoluc-F	ATGGTCTTCACACTCGAAGATTTTC
	Nanoluc-R	TCAGTGATGGTGATGGTGATGGTG
NanoLUC -lgbit	Lgbit-F	TCTTCACACTCGAAGATTTTCG
	Lgbit-R	GGAGGCTCGAGCGGTGCGATCGCCGCTTTGAGATATGCAGGTGT
NanoLUC-smbit	smbit-F	TCACCTGCATATCTCTAATGGTGACCGGCTACCGGCTGTTCG
	smbit-R	CGAGCGGTGCGATCGCCATGGAATAA
<i>pPIF7::PIF7-nanoLUC</i>	PIF7-Nluc-F	GGGGACAAGTTTGTACAAAAAAGCAGGCTTCAGTGATGCTCCATTTTGAAGAGTAC
	PIF7-Nluc-R	GGGGACCACTTTGTACAAGAAAGCTGGGTGATCTCTTTTCTCATGATTCGAAGAAC

Plasmid Constructs	Primer Name	Sequence (5'- to -3')
mUAV L0	Aux-F	ATTACCGCCTTTGAGTGAGC
	Aux-R	TGCCACCTGACGTCTAAGAA
pMAP B L1	PLX-F	GCGTAGAAACCAACATGC
	PLX-R	CAAAGGACCGCATGTCGAAGTCG
<i>p35S::PIF7:sfGFP</i>	PIF7-F	TGGCTAGGTCTCCAATGTCGAATTAT
	PIF7-R	TGGCTAGGTCTCACGAACCATCTCTTTTCT
	sfGFP-F	GGTGGAGCAAGGGCGAGGAGCTGTT
	sfGFP-R	AAAGCTTACTTGTACAGCTCGTC
<i>p35S::PHYA:RFP</i>	RFP-F	ATGGTGTCTAAGGGCGAAGAG
	RFP-R	CTTGTACAGCTCGTCCATGCC
	phyA-F	GGTCTCTAATGTCAGGCTCTAGGCCGA
	phyA-R	GGTCTCACGAACTTGTTTGCTGCAG
Bifc:nYFP	n-YFP-F	ATGGTGAGCAAGGGCGAGGAG
	n-YFP-R	ATCCGCCACAACATCGAGTAG
Bifc:cYFP	c-YFP-F	GACAAGCAGAAGAACGGCATC
	c-YFP-R	TTACTTGTACAGCTCGTCCAT
<i>p35S::PHYA:RFP</i>	phyA-C	TCACCTGCATATCTCTAATG TTCAAGGATAGTGAA
	phyA-C	ACACCTGCATATCTCACGAAAGCTTCTAGTTCTTG
	phyA-C1	TCACCTGCATATCTCTAATGGAGAAAAAATG
	phyA-C1	ACACCTGCATATCTCACGAAAGCATTCCTC
	phyA-PAS	TCACCTGCATATCTCTAATGGTGACCAGTGAGATG

	phyA-PAS	ACACCTGCATATCTCACGAAACAGAAGACACCTGT
	phyA-HKRD	TCACCTGCATATCTCTAATGCGAACCGCAGTGAAG
	phyA-HKRD	ACACCTGCATATCTCACGAAGAACTTGATTCC
<i>p35S::PIF7:nYFP</i>	PIF7-N	TCACCTGCATATCTCTAATGTGCAATTATGGA
	PIF7-N	ACACCTGCATATCTCACGAATCTAGCTGTCTTCAA
	PIF7-B	TCACCTGCATATCTCTAATGACCGGAGACAGAGAC
	PIF7-B	ACACCTGCATATCTCACGAATTGTGGCAAGTTGGC
	PIF7-C	TCACCTGCATATCTCTAATGACAAATGATGATTCCG
	PIF7-C	ACACCTGCATATCTCACGAAATCTCTTTTCTCATG
<i>p35S::FHY1:EYFP/ p35S::FHY1:smbit</i>	FHY1	TCACCTGCATATCTCTAATGCCTGAAGTGAAGTG
	FHY1	ACACCTGCATATCTCACGAATTACAGCATTAGCGT
	EYFP	GTGAGCAAGGGCGAGGAGCTG
	EYFP	CTTGTACAGCTCGTCCATGCC
<i>p35S::FHL:EYFP/ p35S::FHL:lgbt</i>	FHL	TCACCTGCATATCTCTAATGGATGATGCAGATAAGA
	FHL	ACACCTGCATATCTCACGAATTACATCATGAGTGTAG

Table 2 Real time q-PCR and ChIP-q-PCR primers

Primer Name	Sequence (5'- to -3')
PHYA-F	ATTGAAGGATGCTTGGATTGG
PHYA-R	CCGTTACTCTTCATCATTACTTGAC
FHL-F	AAACCAGCGATGAAGCCTC
FHL-R	GCTTGATGTAGCAGCATAACC
FHY1-F ²⁸	GATGAAAGAGGAATCATCTGGA
FHY1-R:	AATCCTCTAAGTTCTGAGTCCCA
FHY3-F	TGGGAATCAACAAACAATGC
FHY3-R	AGAAATCTACTCCCTGTCCA
CHS-F	AGCTGATGGACCTGCAGGCATCTTGGC
CHS-R:	TGCATGTGACGTTTCCGAATTGTCGAC
PP2AA3-F ³⁸	TAACGTGGCCAAAATGATGC
PP2AA3-R	GTTCTCCACAACCGCTTGGT
IAA29-F	CCGAATATGAAGATTGCGACAG
IAA29-R	GCAAAGATCTTCCATGTAACATCC
BIN2-F	GAGATGCCTGCTGCTGTAGT
BIN2-R	TGCTTGAAAAACGATCCCGA
CHS-(+)Gbox1-F ²⁶	CCCACCATTCATCTTGGAAG
CHS-(+)Gbox1-R	ACACCAACTTGGGTTTATTAGAG
CHS-(+)Gbox2-F ²⁶	TATTAGATTAGTAGGAGCTAATGATGGAGT
CHS-(+)Gbox2-R	TTATTATGTCTTAAGATACGTATCGCTTG
CHS-(-)Gbox-F	GTCTGCTCTGAGATCACAGCCG
CHS-(-) Gbox -R	GAGATGAGGCCGGGAACATCCT
FHY1-(+)Gbox -R ²⁶	GAGAGAGAGAGATAGAGAGAGTTCAA
FHY1-(+)Gbox -F	ACGCGCCAAATCAAACA
FHL-(+)Gbox -F	GGCCCACAATAGTCTCACTCC
FHL-(+)Gbox -R	ACCGTTGGCCCATGACAGA