

Table S1. Prediction of *cis*-regulatory elements in the 1.8-kb *GhFT-A* promoter

fragment				
Site name	Location	Positive or negative sequence	Domain sequence	Function
TATC-box	-1611	-	TATCCCA	<i>cis</i> -acting element involved in gibberellin responsiveness
G-box	-1571	-	CACACATGGAA	involved in light responsiveness
Pc-CMA2c	-1566	-	GCCCACACA	part of a light responsive module
Box 1	-1416/-105 3/-744	+/+/+	TTTCAAA	involved in light responsiveness
as-2-box	-1330/-114 8/-908	+/+/-	GATAATGATG	involved in shoot-specific expression and light responsiveness
Box 4	-1308	+	ATTAAT	part of a light responsive module
ABRE	-1259	-	TACGGTC	<i>cis</i> -acting element involved in the abscisic acid (ABA) responsiveness
ACE	-1241	-	AAAACGTTTA	involved in light responsiveness
AT1-motif	-1110	-	ATTAATTTTACA	part of a light responsive module
TCA-element	-935	-	CAGAAAAGGA	<i>cis</i> -acting element involved in salicylic acid responsiveness
P-box	-934	+	CCTTTTG	<i>cis</i> -acting element involved in gibberellin responsiveness
HSE	-861	+	AAAAAATTTC	<i>cis</i> -acting element involved in heat stress responsiveness
CAT-box	-780	-	GCCACT	<i>cis</i> -acting regulatory element related to meristem expression
MBS	-742/-417	+/-	CAACTG	MYB Binding Site
5'UTR Py-rich stretch	-620	-	TTTCTTCTCT	<i>cis</i> -acting element conferring high transcription levels
TC-rich repeats	-618	-	ATTTTCTTCA	<i>cis</i> -acting element involved in

				defense and stress responsiveness
GT1-motif	-608/-606	+/-	GGTTAA	involved in light responsiveness
Sp1	-410/-277	-/+	CC(G/A)CCC	involved in light responsiveness
circadian	-153	-	CAANNNNATC	<i>cis</i> -acting regulatory element involved in circadian control
CAAT-box	-147/-72...	-/-	CAAT	common <i>cis</i> -acting element in promoter and enhancer regions
TATA-box	-100	+	TATA	core promoter element around -30 of transcription start
ARE	-57/-49	-/-	TGGTTT	<i>cis</i> -acting regulatory element essential for anaerobic induction
TCT-motif	-21	-	TCTTAC	part of a light responsive module

Table S2. Prediction of *cis*-regulatory elements in the 1.8-kb *GhFT-D* promoter fragment

Site name	Location	Positive or negative sequence	Domain sequence	Function
ATCT-motif	-1722	+	AATCTAATCT	part of a light responsive module
Box 4	-1711	+	ATTAAT	part of a light responsive module
TATC-box	-1672	-	TATCCCA	<i>cis</i> -acting element involved in gibberellin responsiveness
GC-motif	-1622	+	CCCCCG	Hypoxia induced response element
Sp1	-1619/-410 /-277	-/-/+	GGGCGG/CC(G/A) CCC	involved in light responsiveness
as-2-box	-1575/-138 8/-1208	+ / + / +	GATAatGATG	involved in shoot-specific expression and light responsiveness
ACE	-1482/-130 0/-1120	- / - / -	AAAACGTTTA	involved in light responsiveness
AuxRR-CORE	-1381	-	GGTCCAT	involved in auxin response due to

				stress
ABRE	-1249/-117 1/-1067	-/-/-	TACGGTC	<i>cis</i> -acting element involved in the abscisic acid (ABA) responsiveness
G-Box	-1249/-106 7	+/+	CACACATGGAA	involved in light responsiveness
MBS	-1174	-	CAACTG	MYB Binding Site
Box 1	-1113/-775	+/+	TTTCAAA	involved in light responsiveness
P-box	-949	+	CCTTTTG	<i>cis</i> -acting element involved in gibberellin responsiveness
TCA-element	-950	-	CAGAAAAGGA	<i>cis</i> -acting element involved in salicylic acid responsiveness
HSE	-862	+	AAAAAATTTC	<i>cis</i> -acting element involved in heat stress responsiveness
CAT-box	-787	-	GCCACT	<i>cis</i> -acting regulatory element related to meristem expression
5'UTR Py-rich stretch	-622	-	TTTCTTCTCT	<i>cis</i> -acting element conferring high transcription levels
TC-rich repeats	-620	-	ATTTTCTTCA	<i>cis</i> -acting element involved in defense and stress responsiveness
GT1-motif	-610/-608	+/-	GGTTAA	involved in light responsiveness
circadian	-153	-	CAANNNNATC	<i>cis</i> -acting regulatory element involved in circadian control
CAAT-box	-147/-72	-/-	CAAT	common <i>cis</i> -acting element in promoter and enhancer regions
TATA-box	-100	+	TATA	core promoter element around -30 of transcription start
ARE	-57/-49	-/-	TGGTTT	<i>cis</i> -acting regulatory element essential for anaerobic induction
TCT-motif	-21	-	TCTTAC	part of a light responsive module

Table S3. PCR primers used in this study

Primer	Primer Sequence (5'-3')	Function
<i>Pst</i> I-1.0k GhFTp-F	CGCTGCAGCATCCTAATCCCTTTCCC	clone of the 1.0-kb promoter in upland cotton
<i>Pst</i> I-1.5k GhFTp-F	CGCTGCAGTTACACGAAATATCAT	clone of the 1.5-kb promoter in upland cotton
<i>Pst</i> I-1.8k GhFTp-F	GGCTGCAGTGAATGACTCCTCCTCAG	clone of the 1.8-kb promoter in upland cotton
<i>Pst</i> I-4.2k GhFTp-F	CGCTGCAGGCGATACCAAAGGCAGTC	clone of the 4.2-kb promoter in upland cotton
<i>Pst</i> I-4.8k GhFTp-F	CGCTGCAGCCTCCACTCACTAATCCC	clone of the 4.8-kb promoter in upland cotton
<i>Pst</i> I-5.9k GhFTp-F	CGCTGCAGGAAATCAACTTCCCCACTT	clone of the 5.9-kb promoter in upland cotton
<i>Nco</i> I-GhFTp-R	CGCCATGGTAACCCTACCAACAACCAA	clone of the promoter in upland cotton
<i>Pst</i> I-1.8k FT-Dp-F	GGCTGCAGTGAATGACTCCTCCTCAG	clone of the 1.8-kb promoter of D subgenome in cotton
<i>Pst</i> I-1.8k FT-Ap-F	GGCTGCAGTGAATTACTCCTCCTCAT	clone of the 1.8-kb promoter of A subgenome in cotton
<i>Nco</i> I-FTp-R	CGCCATGGGATATCGCTATTTGGTCTTAC	clone of the promoter in cotton
<i>Pst</i> I-1.0k FT-Dp-F	CGCTGCAGATCATAATCCCTTTCCCCTT	clone of the 1.0-kb promoter of D subgenome in cotton
<i>Pst</i> I-1.0k FT-Ap-F	CGCTGCAGATCCTAATCCCTTTCCCCTC	clone of the 1.0-kb promoter of A subgenome in cotton
<i>Nco</i> I-FTp-R	CGCCATGGGATATCGCTATTTGGTCTTAC	clone of the promoter in cotton
qGUS-F	TTCGATGCGGTCATCATTA	qRT-PCR
qGUS-R	TAGAGCATTACGCTGCGATG	
qGhFT-F	TCTGCTATGAGAGCCCACGA	qRT-PCR
qGhFT-R	TCATGTCCTACGGCCACCGGATCCACT	
<i>actin2</i> -F	ATACGTGCAACAAACCC	qRT-PCR
<i>actin2</i> -R	CTACCTCCCCGTGTCA	

