

Supplementary Table 1. The 1-kb promoter region (FT, SOC1, Hd3a, and RFT1).

E-box: CANNTG

CAATTG

CAACTG

CAAGTG

CAAATG

CATTG

CATCTG

CATGTG

CATATG

CACTTG

CACCTG

CACGTG (as known as G-box)

CACATG

CAGTTG

CAGCTG

CAGGTG

CAGATG

>FT (AT1G65480)

ATAATATGGCCGCTTGTTTATAAAAAAAGAAGAGAAATAAAA CAATTG ATTTGGTTTATATTATTTA
ATTGCAGATATCTTGTACTTAATTCATTTTGAGATAATTTTGCGTATTTGAGTTCGGACATTGGTAG
GTATGGACGATGAAAATAACTGCCTTCATTCACATGTTTGAGATTTGTTTGTGCGACCATATAACAC
AAGCGGCTAGAAAAATAGGTGACTATTCT CAAATG TCCTGGTTCTATCTAACCTGAAGGATCCCTTG
TTCTACCTGGTATAACTACAAGAAAAGGCTGTTTTATAAAATATATCATTTCTTCTATGATTTCTAT
CTCAACTTTTTTTTTTAGTTTTTTTCTTTTAGAACGTTTTTCGCTTTTGAATTTTTTAAAGAATTTTTTT
TTTCTTTATATCTCTAAATAATAGTTTTTAAAACATAA CAAGTG ATACTGTAATTTTTTTTTTCTCTA
TAACTTGGCGGTACCCTACTTTTTTCTTATTTTTATTAATAATCTTACTTTGTTATGATAAATTAT
GTTAATATATGGCAAACCTAAATATATATGAACTACTGATTACTCATTATCATAATTAATATCTTT
GTATAAAAGTAAATAATATTTAGTCGAGAGAGGTATCTTGTAAAGGAAATAAATCAAAAATTAGTG
GCTAC CAAGTG GGAGATATAATTTGGAATATTTCCAGTGTATTAGTGTGGTGGGTTTGAATACCAC
AAACAGAAATAAAAAGAAAGAAAATATGAAATAAGACGACAATGTGTGATGTACGTAGAATCAGTT
TTAGATTCTAGTACATCAATAGACAAGAAAAGATTGTGGTTATGATTTACCGACCCGAGTTAATG
CAAATCCGAAACAGTATAAATATGTGTAGAGGGTTCATGCCTATGATACAAATTAAGAAGCAGAAA
CAAAAACAAGTAAAACAGAAACAATCAACACAGAGAAAC CACCTG TTTGTTCAAGATCAAAG

>SOC1 (AT2G45660)

TGTC CATATG TATCAAAATATGCTATTTTTGGTCTTTCTTAAGGCTTTTTTCCAAAATAAGTAAAGG
ATGAGGTTTCAAGCGTCCATCATATTTGCGACA CATATG ACTGACTATTTAGCTCCTCCCTCTTTCT
TTCTCTTATTTTATTATCTTTCTCCAAGAAAATAAAATAGAAAAGAAAATATATATGGTTTCACAAAC
ACCATTACCATAACTACAACGAGAAGAGGATCTTTTTTAAGGAGAAAAGCAGAGAGAGAAGAGACGA
GTGTGTGAAGTTTTTTTTGTCTTTTGTTCCTTTTATTACACACAAATAGATGAAACGAGGAAAGCTAC
TTCTTTTGTACTTCCATAAAAAGGTTCTTCTTTTCGCAGAGAATCAACTTTGATCATCTTCTTCTCT
TCTCTTTCTTTCTTCTTCTCCCTCCAGTAATGCTTATATAGTCTCCTCCTATATCTCTACCTATAACA
TACACAAACCCTTTATCCTCGAAAGCTTCCCTCCTGGTTAGTTTTTATCAAACCCTTTTAGCCAATC
GGTAAGATCTCTTCGTATGATCTTTTCTTTTTTCTTTTTGCTTTGACTCTGATGGATCTATAAACT
TATATGGGTTTGGTTT CATTG GTTCGATTTGATGTGTTTGGTTTCTTTGTCTTAAATCTCATGAAA
GGAGGTTGCATCCTTCAATTAACCGATAACAAAAGTTTCCATTACAGACTTATAGATCAGATACTT
TAGATTGTTTTGCTTTTTGGGTACTTAATCTTTTCGTTGACTTCATCAGTCTTCTCCACCCAAACAA
AAAAGTCATATTTTCGATCATATCTTCATTTTTTTAACCTACTCTCTTTGATTCATATATGAAATGGG

TTGTTTTATGTGTGTGACTAATCTTGTTATTGAGGTGGTTGCACCATTGATCTACCGTTTTCTTCAA
TTTTTGAAAAATAATTTTTATTTTTTTTTCTGTGTGCAAGGGAAATTAATAAAGAAGAAGAT

>Hd3a (Os06g0157700)

AGGGAGTACTACATATAACCTCATTTTTTTACGGGTTGATAAGTTGCGGAAAAACCAACAAATTAGC
AACAAATATGAGTAAAACCTGTATA **CATGTC** TCTTCTTAGCGATTTAAAAATCAATGCTGAAAAATAA
ATTACAATAAAATTA AAAATCTCAAGATAATCTCTAAAATGTAGTTTTAAAATTTAAATTTTTGATTG
CGACTGATAAGAAAAAAAA **CAAATG** ATGGGAGGCTATAT **CAACTG** TCAAACCTGGCTAATTTAGAAA
GACGACATCGAATTCCTACAGATTGGAGGCAGAAAAGAGAGCCCGTCTCTGCCGGGTGCGTGCATG
ATGCTCGATCATATCCCATCTCTCCTCACTTCATCATCAACAAGAACAAGAGGAACCTATATAGCTGC
AAGATCTAGACTGAACTACTATAGCAACTAACTGTACTGTAGCTAGATTACGCTTAGCTATAGCTG
CTGCTGCATCTATCTGTAAATTC CAACTACGACGTCGACTGCTGCAAGCTAGCTTGGCCGGCTAGCT
AGATAGCTAGCTAGCTCAAAGAGAAAAGCTTTGCGAAATAGGAGTAACTAGCTAGCTCTAGCTAGGG
CGCCATCGATGCGTGACCACCGAGCTCGCCTCGTCCACACGTACAGGAAGACGATGCAGAAAGCGGC
CGGCATGCAGTACACTGACCGAGCTAAGAGAGAGAGAGAGATGATATTATCTTCTGCAGCTAAATT
AAAGTGAAAGTTGGACATGGACATGGACATAGTAATTTTGCATGGCCATCATCTTGCCCTCCTATAT
AAAGCGGCCATCTCACTCTCAACCACAGCTCGATCCAGCAGCCCTGCACCACACACAGTTCAGCTAG
CAGATCACCTAGCTAGATAGCTGCCTCTATCACAGTATATTTGCTCCCTGCAACTTGCTGCTGCTGC
AATAGCTAG **CAGCTG** CAGCTAGTAAGCAAACCTATAAACCTTCAGGGTTTTTTTGCAAGATCG

>RFT1 (Os06g0157500)

AGAATCAAAGCTCTCAAATAGTT **CAGCTG** TTGGTCCAGATTCTAAAAGCTATAGTTATAGAATT
TATAAAGAAGCTAAAAGCCAGAAGCTAGGTAACCAGCTTTTCCAACTCTCAGAGCCTGGTTACCAA
A CAGCTG TTCTTAACTCTGCCAAACATGCCCATAGTTAGCTTCATTATTTTACTGCTAGCTTCATTT
ATTTTGGACGGGGTTAGTA **CATATG** TATCTGTCTCGAAATCGCCTCTGTAAATGGGGTCAGTTTCAG
CACTTCTATCGACATGAAGAAGATAGAAAGGGCCATGCGAGAGAGAGTGTGTGAGAAAGAGAAGATT
CTACCGGGCACAACAAAGTGTGTAAATGCATAAAGAAAAGATTCTACTGGGCACATCATAGTAAGGC
TATTCTCAGCTCAATAACTAGGATGGTGTCCATAGCATTAAATAAGCTGCTACCTAATATGAAAAAT
GATGTGG **CAAGTG** AGTAAATGAGGAAAGAGAAGAAAACAAGGTCTTGATGAGACATGGTTTCTACA
CAACATTGAAGACAT **CATGTC** AGATAAATTTAATTTAAGCATGAAAAGTGGTGTGTTGATTGAAA
AGTAGTGTCTAATACTAGTTTATTGATGATGTGAAGTTTATGAAAACCTACCGTGTAGTGTCTTGGGT
TGGTACTGCCTAAAGGGGCGGCTAGCTATATAAACTGTA **CAGATG** CAGAGAAGCTTGCACAACCTAG
TGCATCCCTGTCCTGTTTGGCTAGCTTAAACCTTCTGACATCTATCCTCTGGATTGAACGGCAGGA
GATACCTAAGCTAGCTAGCAATCTCTATCGATCTGTTTGTGTTACATGTTTCAAGTTAAAGTTACTGAG
AAATGCCTAGAGTTTTTCCGGCTAGCTTCATAAGTTAGTGGGTTAGCTGACCTAGATTCAAAGTCTA
ATCCTTTTATTTATTTGATATTAGATATCCTAACGTTTTTGTAGTTAGAGGTTATTAATTTGAC

Supplementary Table 2. Primer sequences.

Genotyping	Primer Name	Sequence (5'-3')
	35S-F	AGAGGACCTAACAGAACTCG
	068-R	CACGCCATGAGAGCTCGTCGTAC
	P1	TTCGGATCATTCTTGTCCACC
	P2	GTAGATATTATCTGCGGAGTGG
	P3	ATTTTGCCGATTTTCGGAAC
	P4	GAACCTTTTACGATCCCGAACC
	P5	CAGTGAATTTGGTTCGTGAAGG
	112p-F	CACTTCTTCGAAAAGCTAAGCAGC
	GFP-R	GTGCAGATGAACTTCAGGGTCAGC
RT-PCR		
	Primer Name	Sequence (5'-3')
<i>OsHLH068</i> (Os04g0631600)	OsHLH068-RT-F	GTACGACGAGCTCTCATGGCGTG
	OsHLH068-RT-R	GGCTCCATGAGGCTCCTCAGCAG
<i>OsActin1</i> (Os03g0718100)	OsActin1-RT-F	GGAAGTGGTATGGTCAAGGCTGG
	OsActin1-RT-R	CACACGGAGCTCGTTGTAGAAGG
q-PCR		
	Primer Name	Sequence (5'-3')
<i>OsSOS1</i> (Os12g0641100)	OsSOS1-Q-F	GACACTGGGAATGTTCTATGC
	OsSOS1-Q-R	CCATGAAGCACCGTGCCTCTCG
<i>OsHLH068</i> (Os04g0631600)	OsHLH068-Q-F	TGCTGGTCTGCATGAGTTTC
	OsHLH068-Q-R	GCTTGCTGCAGTGCTAGGTT
<i>OsActin1</i> (Os03g0718100)	OsActin1-Q-F	CTCAGCACATTCCAGCAGATGTG
	OsActin1-Q-R	GATAACAGCTCCTCTTGGCTTAGC
<i>MYB4</i> (At4g38620)	MYB4-Q-F	CAAGGGCATGGAAAGTCAAC
	MYB4-Q-R	TTGCTGCTACCTCCGACTAC
<i>PP2C5</i> (At2g40180)	PP2C5-Q-F	ATCTGATGGCCTGTGGGACA
	PP2C5-Q-R	CCGATAGCTCAGCCAGTTTC
<i>CBF2</i> (At4g25470)	CBF2-Q-F	GCTCCGATTACGAGTCTCCG
	CBF2-Q-R	TCTTCCTTCCCGCTGGTTTC
<i>ASC11</i> (At4g08040)	ASC11-Q-F	CCAGGCTCATCGTGTTCATTGCGA
	ASC11-Q-R	GCAACCTCCATCGTTTGGTCCGA
<i>LFY</i> (At5g61850)	LFY-Q-F	CGGCTTAGATTATCTGTTCCACTTG
	LFY-Q-R	ACTCGCTCCTGATTTCTTCGC
<i>SOC1</i> (At2g45660)	SOC1-Q-F	CTCTTGGGAGAAGGCATAGGAA
	SOC1-Q-R	TCAAGCTGTTGCTCAATCTGTTG
<i>FT</i> (At1g65480)	FT-Q-F	CAACCCTCACCTCCGAGAATAT
	FT-Q-R	TTGCCAAAGGTTGTTCCAGTT
<i>AtActin2</i> (At3g18780)	AtActin2-Q-F	GTGGATTCCAGCAGCTTCCAT
	AtActin2-Q-R	GCTGAGAGATTCAGATGCCCA