Supplementary Table S1. Primer design with *RcFAH12* Promoter deletion mutant.

Primer name	Primer sequence 5′→3′	Description
C1	AGCTTAAGAATGGGAGGTGGT	For *RcFAH12* intermediate fragment
C2	GTCATGTAGCCTGTTTCTTTAAG	
FSO	GATCACATACTTGCAGCACACT	For 3′RACE
3′ RACE Outer primer	TACCGTCGTTCCACTAGTGATTT	
FSI	CTTTGCTACAGTGCCACATTAC	
3′ RACE Inner primer	CGCGGATCCTCCACTAGTGATTTCACTATAGG	
FWO	CCAACAATGTCATCAGCCAGCT	For 5′RACE
5′ RACE Outer primer	CATGGCTACATGCTGACAGCCTA	
FWI	GCAGACATCATAGGCAACATAG	
5′ RACE Inner primer	CGCGGATCCACAGCCTACTGATGATCAGTCGATG	
FAH12PF	AACTGCAGTTTGTTGGTGACGCTAGCA	For *FP2605*
FAH12PR	GAAGATCTTATCTCAGAGAAGAGAAATGT	
FPF(1,5)	TCCTCTAGAGTCGACCTGCAGCTGCAGGTTTGTTGGTGACGC	For *FP2605*, *FP494* forward
FPR(1,2,3,4)	AACTAGTCAGATCTACCATGGCCATGGAGATCTTATCTCAGAGAAGA	For *FP2605*, *FP1611*, *FP677*, *FP256* reverse
FPF(2,7)	TCCTCTAGAGTCGACCTGCAGCTGCAGAGAAATCCAACAATAACG	For *FP1611*, *FP502* forward
FPF(3)	TCCTCTAGAGTCGACCTGCAGCTGCAGGAGTTTCTAGTTCAACTTCT	For *FP677* forward
FPF(4)	TCCTCTAGAGTCGACCTGCAGCTGCAGGGACAGCTGTTTAAGAA	For *FP256* forward
FPR(5)	AACTAGTCAGATCTACCATGGCCATGGAGATAATGGCAAAGGA	For *FP494* reverse
FPF(6)	TCCTCTAGAGTCGACCTGCAGCTGCAGACCTCTGTTAAAATCTGTTAC	For *FP584* forward
FPR(6)	AACTAGTCAGATCTACCATGGCCATGGATCCAAATTTTGAAGC	For *FP584* reverse
FPR(7)	AACTAGTCAGATCTACCATGGCCATGGACGCTTGTCAAAATT	For *FP502* reverse
FPF(8)	TCCTCTAGAGTCGACCTGCAGCTGCAGACAGCTCACTTTTCACTT	For *FP613* forward
FPR(8)	AACTAGTCAGATCTACCATGGCCATGGCGAGACCATTATATATTAA	For *FP613* reverse
1303F	CGCGCGTTGGCCGATTCATTA	For identification of recombinant plasmids
1303R	CGCGATCCAGACTGAATGCCCAC	
qGUSF1	AACCGTTCTACTTTACTGGCTTTGG	For identification of transgenic Arabidopsis
qGUSR1	GCATCTCTTCAGCGTAAGGGTAAT	