

Supplementary Material

>FaMYB10L

ATGGAGGTGAGAAAAGGCTCATGGACCAAAGAGGAAGATCATCTTCTCAGGAACTACA
TTGAGAAACATGGTGAGGGAAGATGGCACAAGGTTCTCTCCAAGCAGGCTTGAACAG
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GGAGACTTTGAAGAGGATGAAGTCGATCTAATGATCAGGCTTCGTAAGCTTTTGGGAAA
CAGGTGGTCTTTGATTGCTGGACGGCTTCCCGGAAGAACATCAAACGATGTGAAAAACT
ATTGGAGTGCTCGACGAAGAAAAAACATAAACTTTGGCATCACGAATCATAATTATAAG
CCTCCAGAAGTAACAAAGACTACAGTAATAAGACCTCGACCACGAACCTTCACCAAAAG
TTTGCATTATTTGAATGCTAAAGTTACGACTTCAAATCCTATTGAATTAGGAAACAGTTC
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GCAATAA

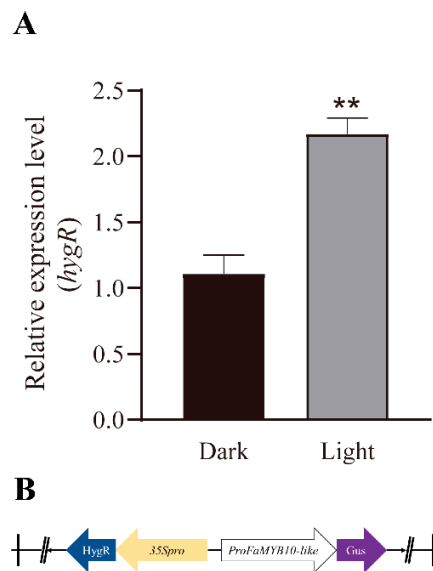
Supplementary Figure S1. The coding sequences of FaMYB10L. The sequence from translation start site (ATG) to stop codon for FaMYB10L.

>proFaMYB10L

ATAAATGTTGCTTGTTTTTAATATTGTATAGTTTCTTGGTGGAGTATTTATGGAAACCAA
GTACCACTTTTGCAAAGAATGGCTAAAAGAATACTTGGTTTGACCACAAGTTCATTTCGA
ATGTGAAAGAAATTGGAGTGCTTTTGAGGGGGTAAGTACTTATTTTATTTAGTTATGCAC
TAATACAAACTAGCAATATAGTTTATCAATTAATTCTTTTTCCCTAATGTAGATACATAC
AAAGAAAATGAATAGACTAGATACAACAAGGTTGAACAATTTAGTGTATGTCCAATTCA
ATGCAAGGATTATGAACAAGAAAAGAAGAGAGAAAGAGAAGAATGTGGATGTACTACT
TGCTAGTGAAGCAATTATGGCACAAGAATGGATTGTTTATGGTGGTGTATGAAGATGTTG
AGTCGGATCTTACTAGTGAAATGGTTGGAGATGATTTGGGAGTGGGTAGTGGCTTAGAG
CCTCGGAGAAGTTCTAGACTTCAAGAAATTAGAGAACTTCATGAGGATGATTTTGTATC
GGATGAAGAGGAAGAAGATGAAATAGACTTTGAGTTTGAGACCGACACAGAAGAAGTG
CAAGAGGAATATGGAGAAGAAGAATTTGAGGCATAGCCGCATAGGCTAGCAAGAATCT
AATAATTTGTTTCTTTCAAATTGTTTTTTTTTTTATAATTTCTAAGAACATTGTTGTTAAA
CATTTTGTCTATCTTTGAAGTATTTTTGCTATTTTAGAACATAATAATGTTTTTTATAAAT
TTTATTTATATAATTATTTTAATTAAATAAATAAAAAATATAAAAAATAAAAAACCGCCT
AGGAGCCCGATTAATCCTCTGGGCGCTACGCGCTGGCTGTCGGCCCGACTAGCGCCTAA
CGTTTTTTTAGAACATTGATGACTTGGATAAGTTAAATGTAAAAAGAGTGGATTGTTAAT
ATTAATCGATGTTTATCTTAATTTTGAAATGATAATACATTAAGTTAGTTTTTTATTTAAC
AATATATACTGATTTTCGTACTTATCTAAATTTGTATTTTACTAAATTAATTTTATCAATT
ATATATTTTGTTTTGTTACAGTTATCAGTGCCTATTAACAAAAGAATACAAAAAATATAG
AACCGTATCATTTGCTCCGGTCAAATGGCACGCTTAATAAAGTATATATATCTACGTTTA
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ATACTAAACTATGAAAAATGGAATGGTCCAGGAAGAAGTTTGCAATCATTGTCCTTTT
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GTCTCACTGATCCGTCAACAGTGTTTACATTTAACAGTATGTTATTTACAACCTTAATCTTT
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 CCGGGGAAACGGTGGGGTGGAAAGCACTGACTTCTCTAACCAAGAGGTCTGGTGTTCGA
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 GTGTGTGGTGTTCGCTTTCATGCCCGTGGCGATGCAGGGATTAGTCCGGCTGTGCTGGG
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 AAAAAAAAAAGTTATGTCAAAAATAGAACTACGTACCACTCAAAACGTATATCTGTGGAC
 AGCAGAACTACACGTAGGTATGTCCGTATGTGTTCAATTAAAATCATTTTTGATGGATGT
 GAAGCCTCATTGAGTTGCCTTGTACTGTTTGGCCGGGGAGCATTGAGATTATTATATAT

Supplementary Figure S2. The promoter sequence of *FaMYB10L*



Supplementary Figure S3. (A) The expression level of *Gus* in transiently *ProFaMYB10L::Gus*-expressing tobacco leaves under light/dark. *HygR* was the internal reference gene. (B) Schematic diagram of vectors. Error bars for expression level represent the SD of three independent replicates. ** $p < 0.01$ (two-tailed Student's *t*-test).

Data Availability Statement

The transcriptome data from this study have been uploaded to NCBI Sequence Read Archive 544 database under BioProject ID: PRJNA993995.