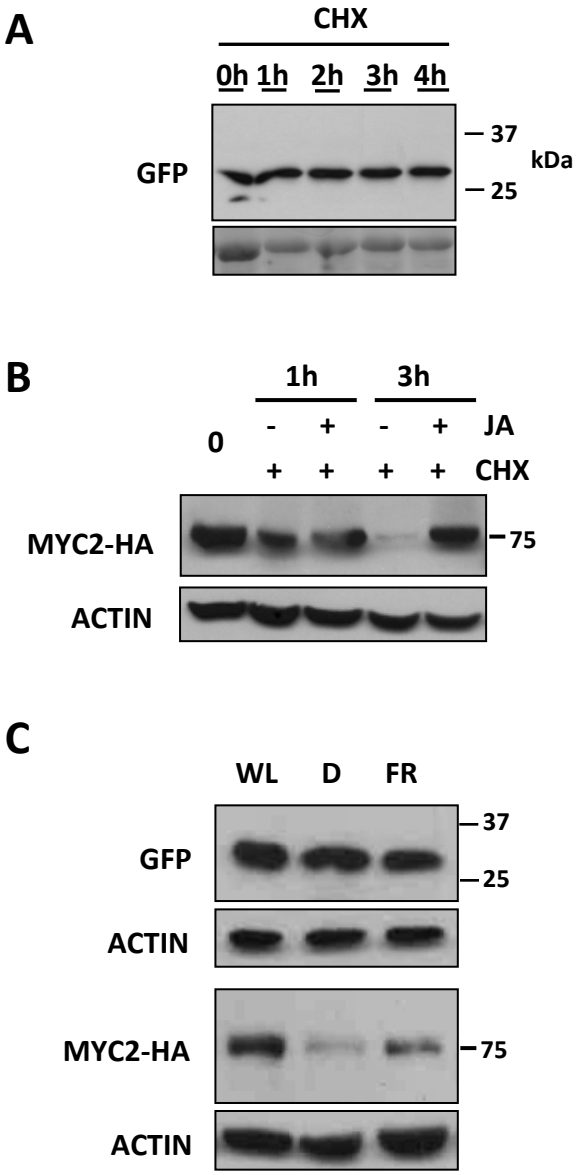


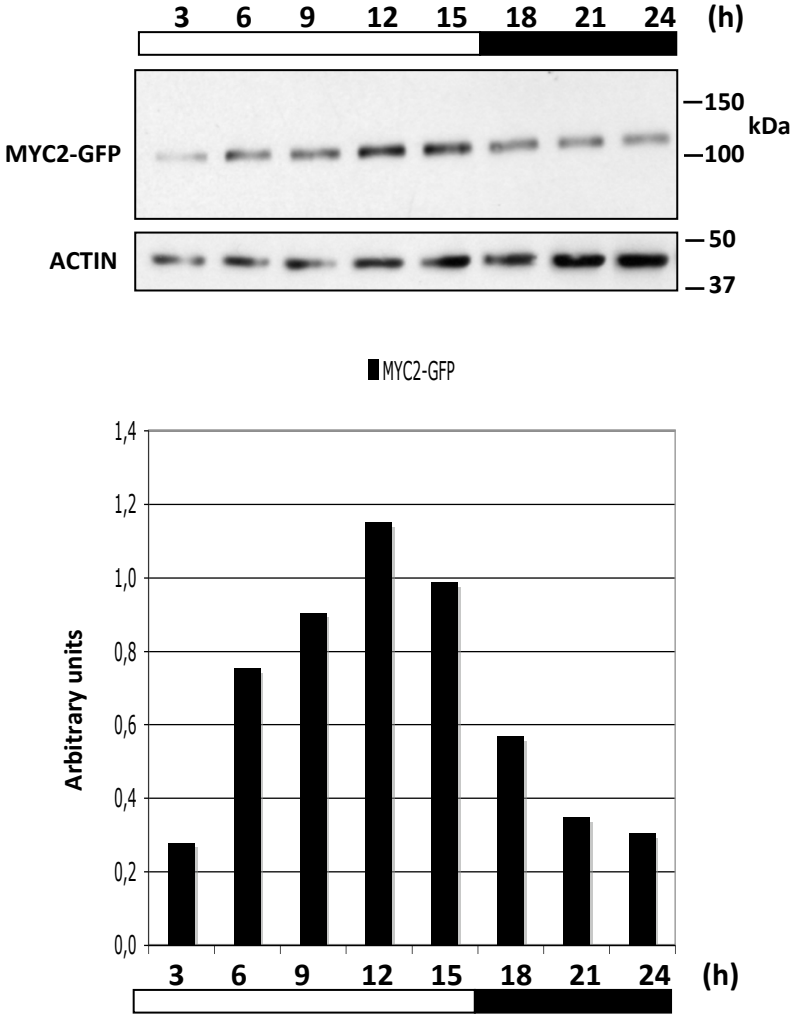
Supplemental Figure 1. Immunoblot analysis of GFP and MYC2-HA in 35S:*GFP* and 35S:MYC2-HA transgenic plants.

(A) Immunoblot analysis of GFP levels in seven-day-old 35S:GFP transgenic seedlings treated with 50μM cycloheximide (CHX) and harvested at indicated times. Protein molecular mass is shown on the right side. Ponceau staining shows loading control in the bottom panel

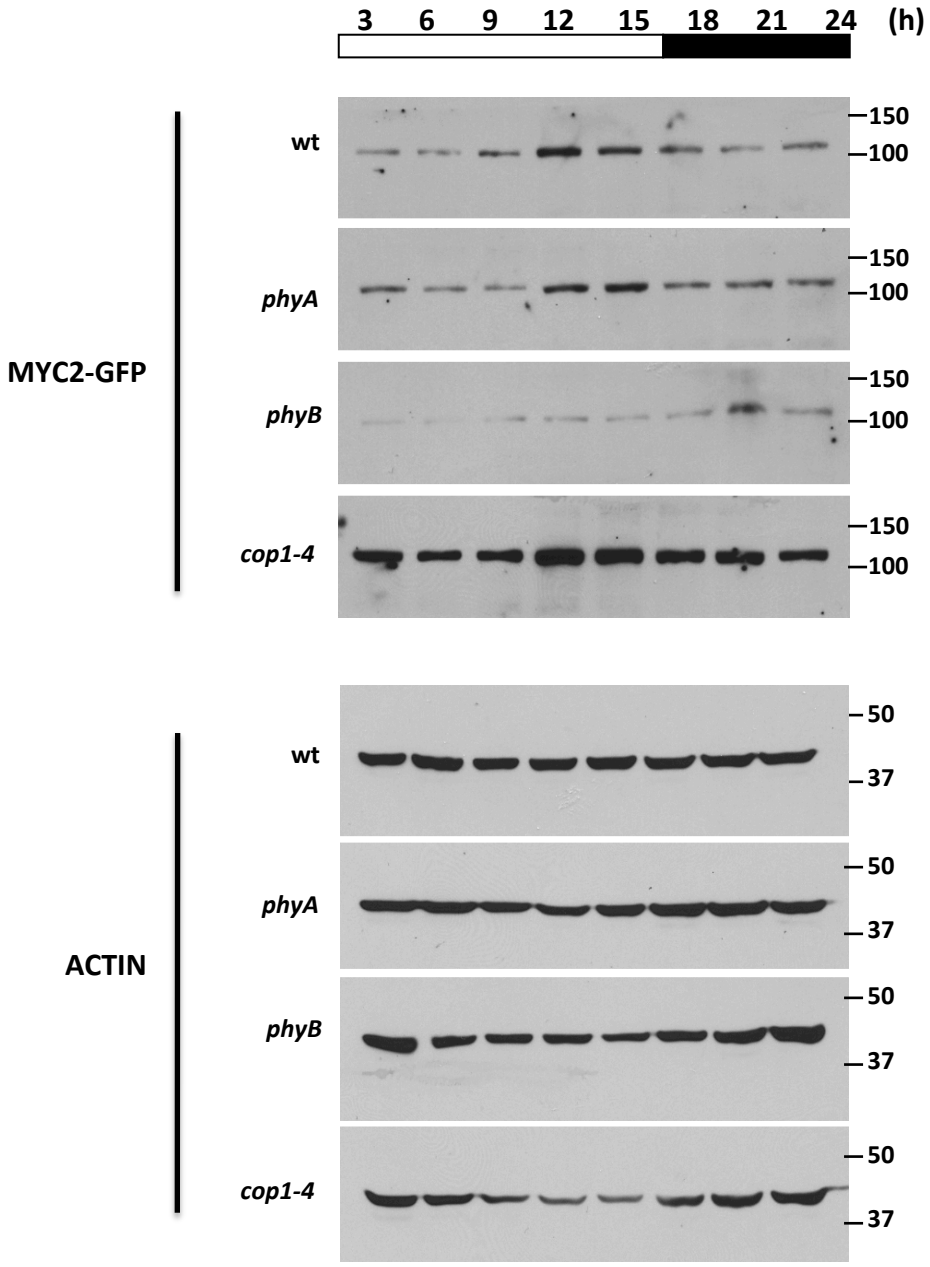
(B) Immunoblot analysis of MYC2-HA and actin proteins levels in seven-day-old 35S:MYC2-HA transgenic seedlings treated with 50μM cycloheximide (CHX) and 50μM JA or mock, and harvested at indicated times. Protein molecular mass is shown on the right.

(C) Immunoblot analyses of GFP, MYC2-HA and actin protein levels in 35S:GFP and 35S:MYC2-HA seedlings grown in white light/dark cycles (WL/D, 16/8 hours) for four days and transferred 24h to white (WL), dark (D) or far-red (FR) light. Protein molecular mass is shown on the right side.

These experiments were repeated three times with similar results.

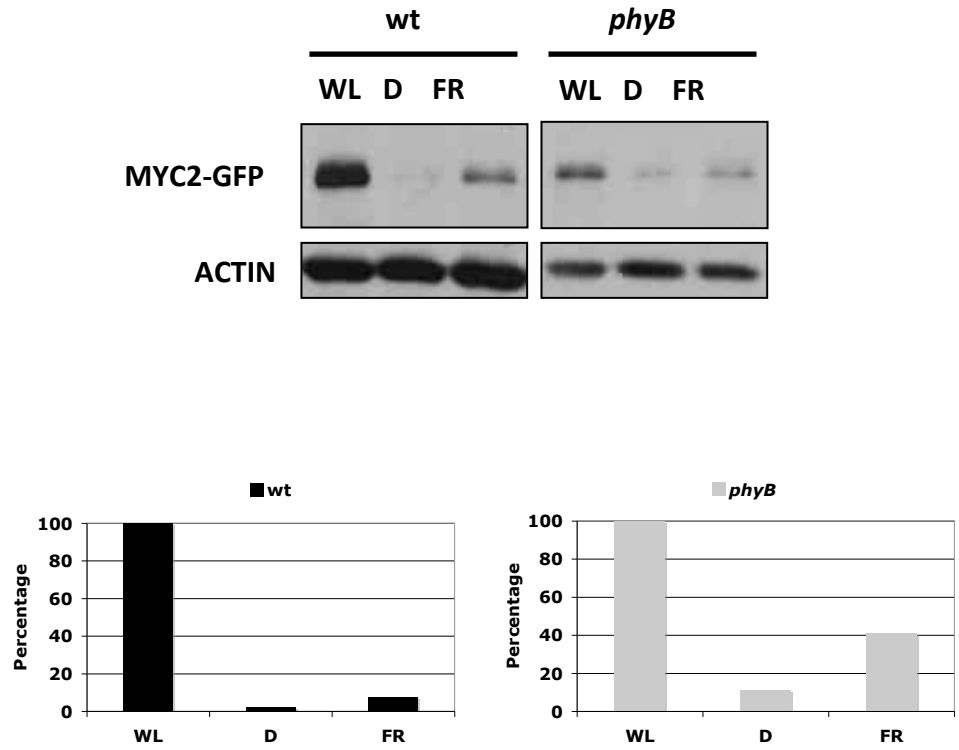


Supplemental Figure 2. Daily variation of MYC2 protein levels.
Immunoblot analysis (Top) and graphical representation (Bottom) of MYC2-GFP and actin protein levels in 35S:MYC2-GFP transgenic plants in wild-type during a complete day/night cycle. White rectangle indicates light period and black rectangle indicates dark. Samples were taken at the indicated times (hours) after dawn (chamber illumination). Protein molecular mass is shown on the right. This experiment was repeated three times with similar results.

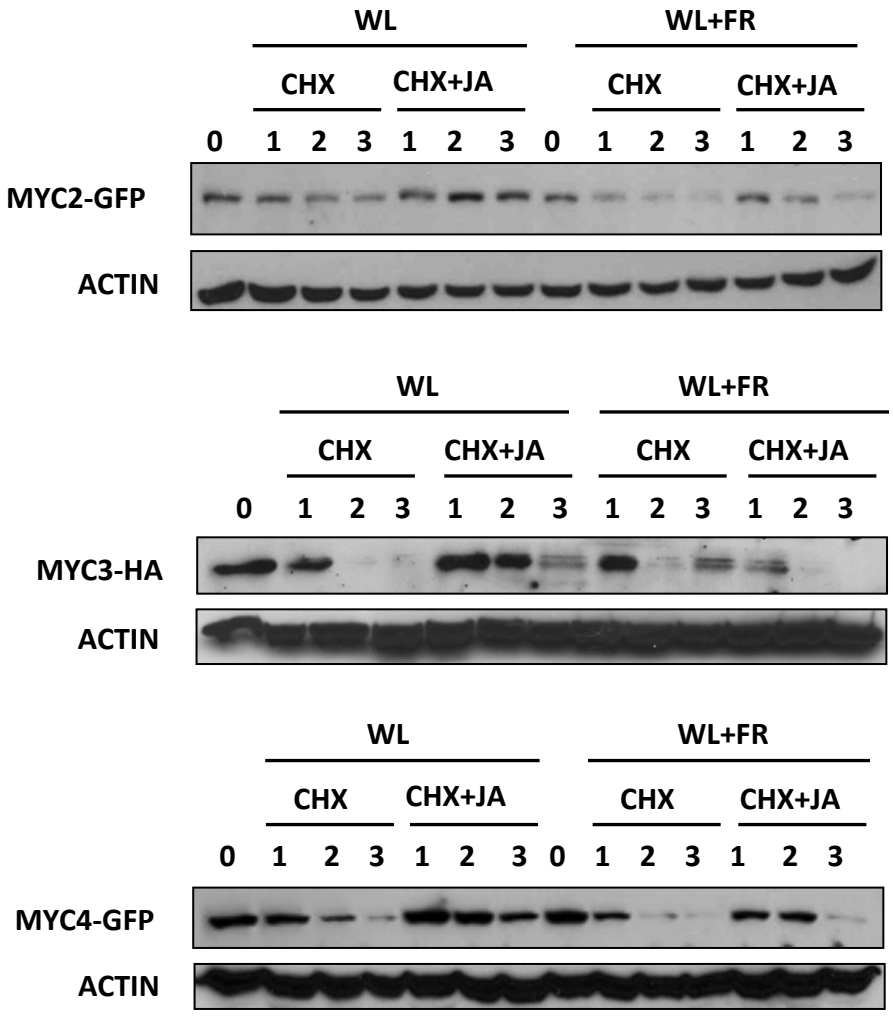


Supplemental Figure 3. Effects of *phyA*, *phyB* and *cop1* mutations in daily variation of MYC2 protein levels.

Immunoblot analyses of MYC2-GFP and actin protein levels in 35S:MYC2-GFP transgenic plants in wild-type, *phyA, phyB* and *cop1* backgrounds, during a complete day/night cycle. White rectangle indicates light period and black rectangle indicates dark. Samples were taken at the indicated times (hours) after dawn (chamber illumination). Protein molecular mass is shown on the right. This experiment was repeated twice with similar results.

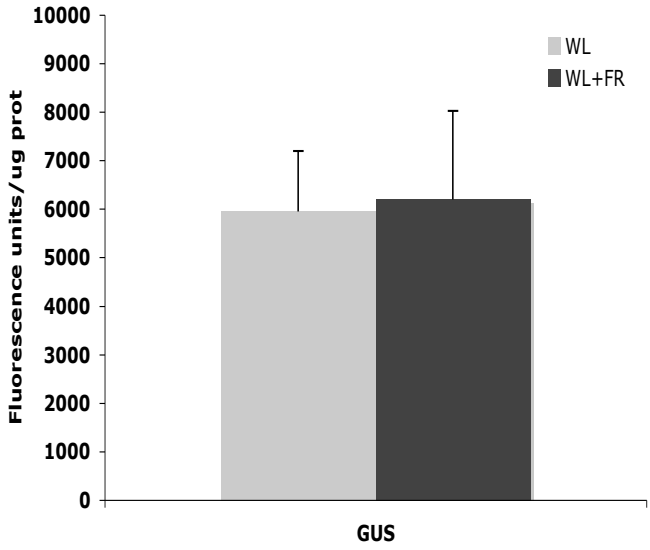


Supplemental Figure 4. Immunoblot analysis (top) of MYC2-GFP and actin protein levels in 35S:MYC2-GFP transgenic plants in wild-type and *phyB* backgrounds. Seedlings were grown in white light/dark cycles (16/8 hours) for four days and transferred 24h to white (WL), dark (D) or far-red (FR). Quantification (bottom) of the intensity of the bands shown in (A) and expressed as percentage of the intensity in WL condition. The intensity of each band is normalized to its corresponding Actin control.



Supplemental Figure 5. Immunoblot analysis of MYC2-GFP, MYC3-HA, MYC4-GFP and actin protein levels in 35S:MYC2-GFP, 35S:MYC3-HA and 35S:MYC4-GFP transgenic plants.

Seedlings grown in white light/dark cycles (16/8 hours) were exposed to white light (WL) or FR-enriched white light (WL+FR) for four hours and then treated with 50μM cycloheximide (CHX) and 50μM JA or mock (DMF) and harvested at indicated times (1, 2 and 3 correspond to 20, 40 and 60 minutes, respectively). Protein molecular mass is shown on the right side. The experiments were repeated three times with similar results.



Supplemental Figure 6. Quantification of GUS activity in control plants (35S:GUS transgenics).

Seedlings grown in white light/dark cycles (16/8 hours) were exposed to white light (WL) or FR-enriched white light (WL+FR) for four hours. This experiment was repeated twice with similar results.

Supplemental Table1. Primers used to amplify *JAZ sequences* in 35S:*JAZ-GUS* constructs.

attB1_JAZ2
GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGTCGAGTTTTTCTGCCG
attB2stop_JAZ2
GGGACCACTTTGTACAAGAAAGCTGGGTCTTACCGTGAACTGAGCCAAG

attB1_JAZ5
GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGTCGTCGAGCAATGAA
attB2stop_JAZ5
GGGACCACTTTGTACAAGAAAGCTGGGTCTTACTATAGCCTTAGATCGAG

attB1_JAZ6
GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGTCAACGGGACAAGCG
attB2stop_JAZ6
GGGACCACTTTGTACAAGAAAGCTGGGTCTTACTAAAGCTTGAGTTCAAG

attB1_JAZ7
GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGATCATCATCATCAAAAAC
attB2stop_JAZ7
GGGACCACTTTGTACAAGAAAGCTGGGTCTTACTATCGGTAACGGTGGTA

attB1_JAZ8
GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGAAGCTACAGCAAAATTG
attB2stop_JAZ8
GGGACCACTTTGTACAAGAAAGCTGGGTCTTATCGTCGTGAATGGTACG

attB1_JAZ9
GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGGAAAGAGATTTTCTG
attB2stop_JAZ9
GGGACCACTTTGTACAAGAAAGCTGGGTCTTATGTAGGAGAAGTAGAAGA

attB1_JAZ10
GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGTCGAAAGCTACCATA
attB2stop_JAZ10
GGGACCACTTTGTACAAGAAAGCTGGGTCTTATTAGGCCGATGTCGGATA

attB1_JAZ11
GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGGCTGAGGTAAACGGA
attB2stop_JAZ11
GGGACCACTTTGTACAAGAAAGCTGGGTCTTATCATGTCACAATGGGGCT

attB1_JAZ12
GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGACTAAGGTGAAAGAT
attB2stop_JAZ12
GGGACCACTTTGTACAAGAAAGCTGGGTCTTACTAAGCAGTTGGAAATTC