

**Supplementary Information, Figure S5** BBX24 is degraded in the absence of UV-B radiation.

pBBX24::BBX24-GFP transgenic plants were grown under weak light (10 μmol m<sup>-2</sup> s<sup>-1</sup>) supplemented with UV-B (0.6 W m<sup>-2</sup>) for 5 d, then were either kept under UV-B or transferred to weak light for 25 h. BBX24-GFP accumulation was detected by protein immunoblotting by using an anti-GFP antibody. Total protein stained by Coomassie blue G-250 was used as the loading control.