

Temperature and Light-quality Dependent Regulation of Freezing Tolerance in Barley

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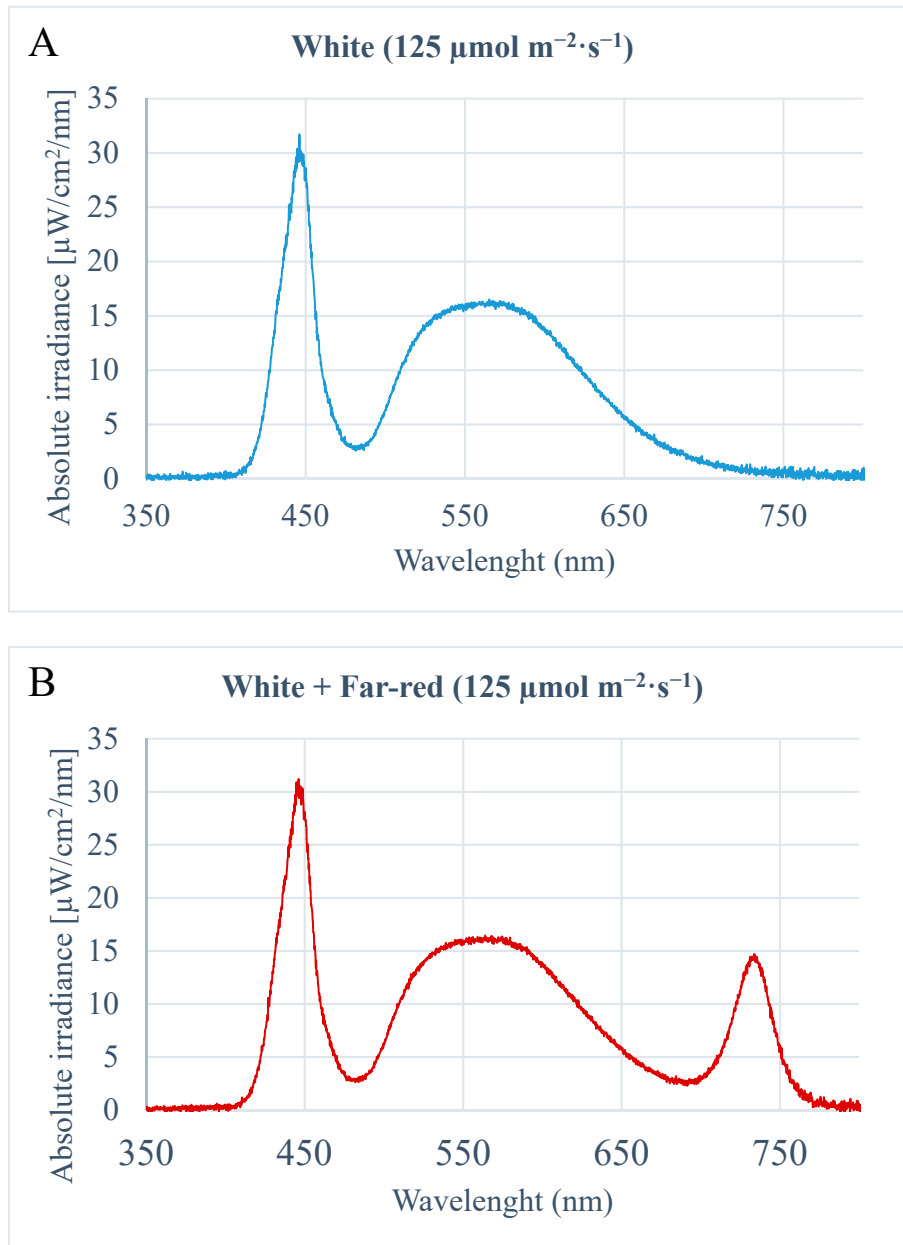


Figure S1. Spectral composition of modulated light treatments at $125 \mu\text{mol m}^{-2}\cdot\text{s}^{-1}$ intensity. (A) the spectral composition of the white light, (B) the spectral composition of white light supplemented by extra far-red light.

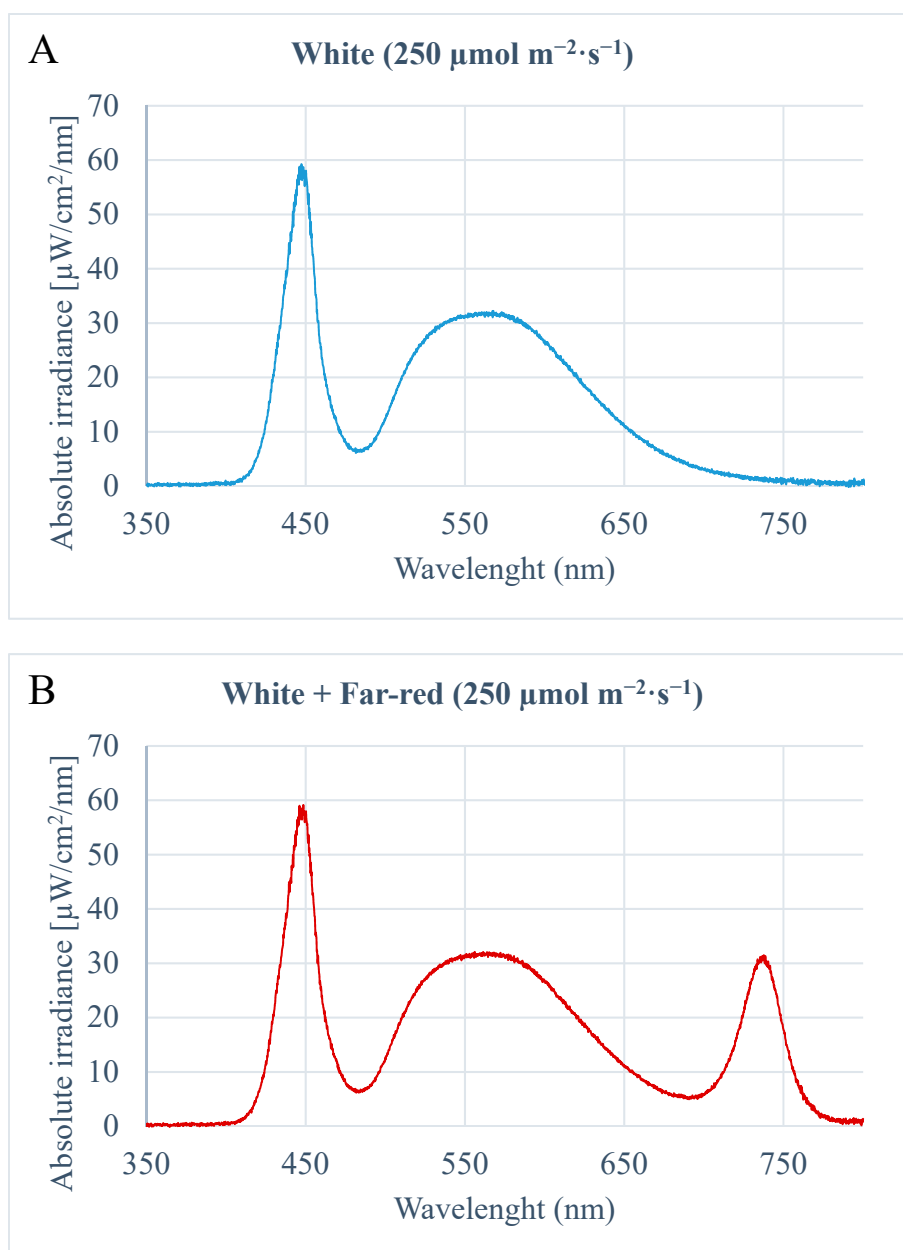


Figure S2. Spectral composition of modulated light treatments at $250 \mu\text{mol m}^{-2}\cdot\text{s}^{-1}$ intensity. (A) the spectral composition of the white light, (B) the spectral composition of white light supplemented by extra far-red light.

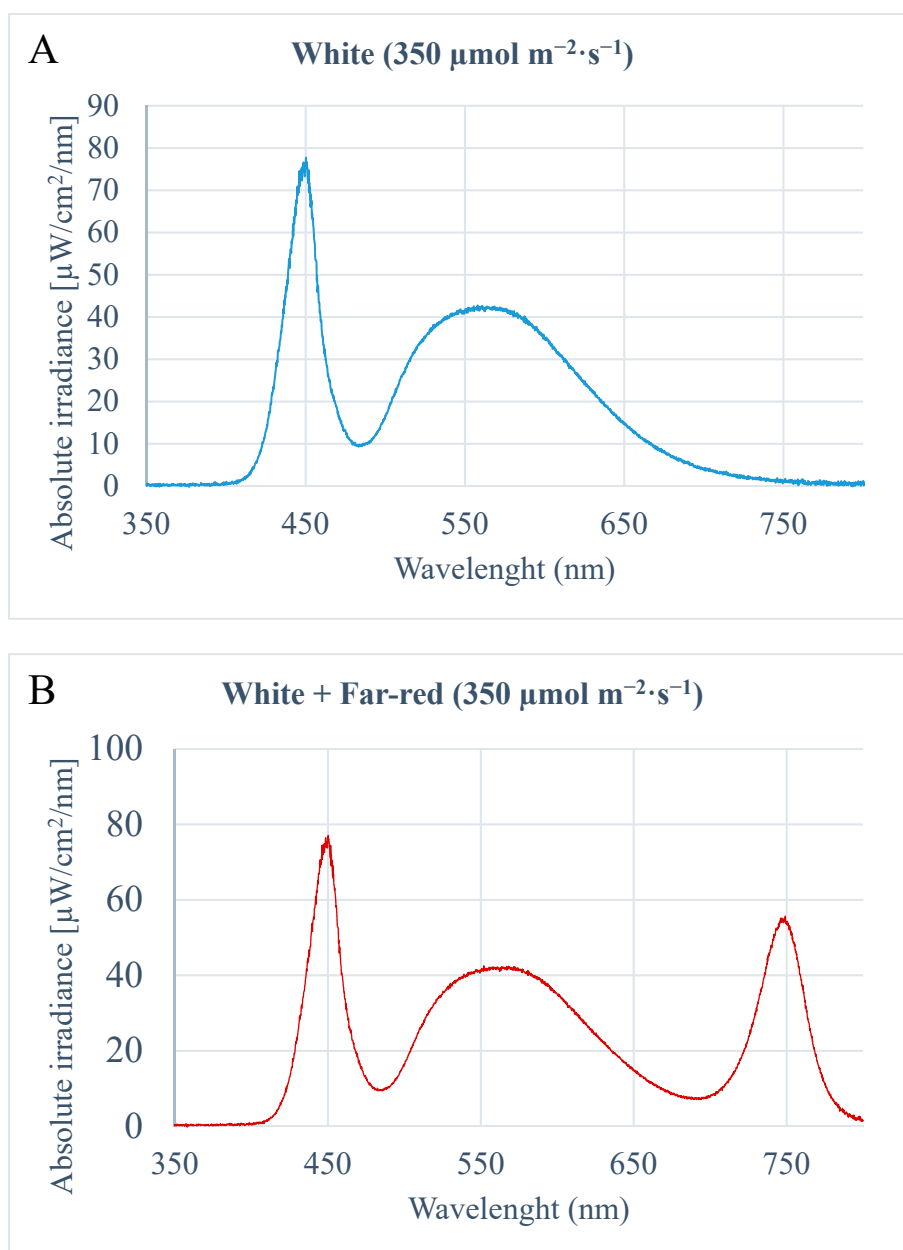


Figure S3. Spectral composition of modulated light treatments at $350 \mu\text{mol m}^{-2}\cdot\text{s}^{-1}$ intensity. (A) the spectral composition of the white light, (B) the spectral composition of white light supplemented by extra far-red light.

Table S1. Primer sequences and references.

Primer Sequences and References			
Name of the Gene	Forward Sequences 5'-3'	Reverse Sequences 5'-3'	Reference
Cyclophilin	CCTGTCGTGTCGTCGGTCTAAA	ACGCAGATCCAGCAGCCTAAAG	Burton et al., 2004
HvCBF14	GTTGAATGAGCACTGGTTTGG	ACAATGAACGAGCAGGTATGG	Morran et al., 2011
HvCor14b	TTGAGGATGTGAGCAAATGAG	TACATCGTCAATGACGAGACC	
HvDHN5	TGGCGAAGTTCCACCGTATGC	ACGAAAACCTGTTGCCACACTG	