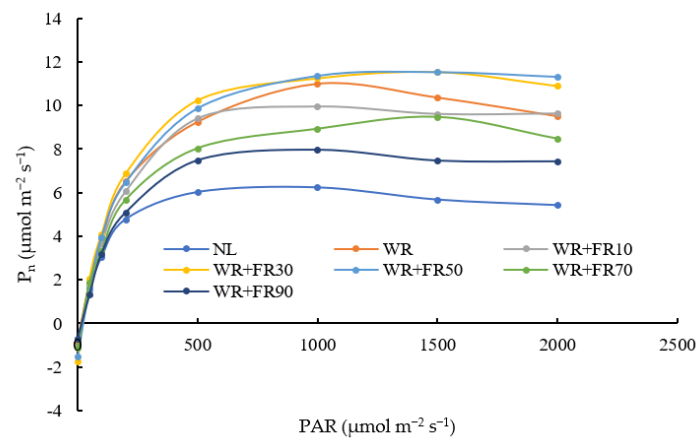


Supplementary Material



Supplementary Figure S1. Photosynthetic response curves of lettuce leaves under different treatments, including white plus red LEDs with FR photon flux density at 0, 10, 30, 50, 70, and 90 $\mu\text{mol m}^{-2} \text{s}^{-1}$ (WR, WR + FR10, WR + FR30, WR + FR50, WR + FR70, and WR + FR90, respectively), and lettuce grown with natural light only was marked as NL.