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Supplementary Information

Harnessing Chlorophyll Fluorescence for Phenotyping Analysis of Wild and Cultivated Tomato for High Photochemical Efficiency under Water Deficit for Climate Change Resilience

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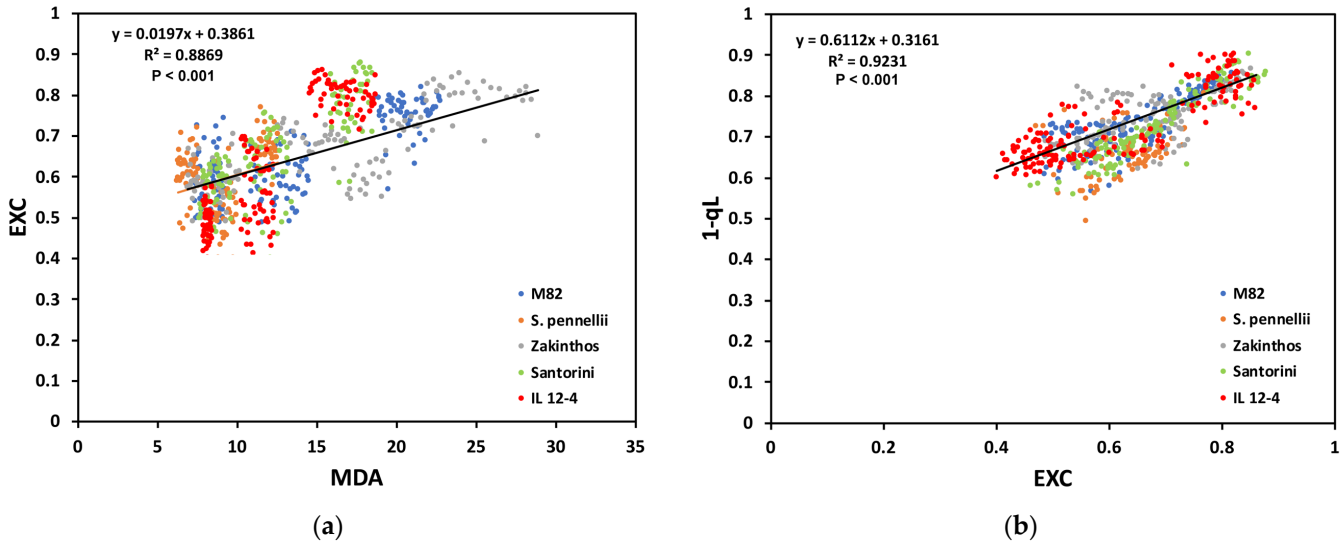

Figure S1. The relationship between the excess excitation energy at PSII (EXC) and the level of lipid peroxidation, measured as μmol MDA g^{-1} fresh weight **(a)**, and between the excess excitation energy (EXC) and the parameter 1 - q_L, where q_L is the redox state of Q_A based on the lake model **(b),** in *Solanum pennellii*, the introgression line IL12-4, and *Solanum lycopersicum* cv. M82, cv. Zakinthos, and cv. Santorini, under well-watered (control), moderate drought stress (MoDS) and severe drought stress (SDS).