

Fig. 1 Suppl. Reverse transcription or real-time (RT)-PCR analysis of allantoin metabolism genes in *Arabidopsis thaliana* (Col-0) leaves, 10 d after mild irradiance (MI; $250 \mu\text{mol m}^{-2} \text{s}^{-1}$) and high irradiance (HI; $750 \mu\text{mol m}^{-2} \text{s}^{-1}$) treatments. *XDH1* - xanthine dehydrogenase, *UO* - uricase, *ALN* - allantoinase, *AAH* - allantoinase, *ACT7* - *ACTIN7*.

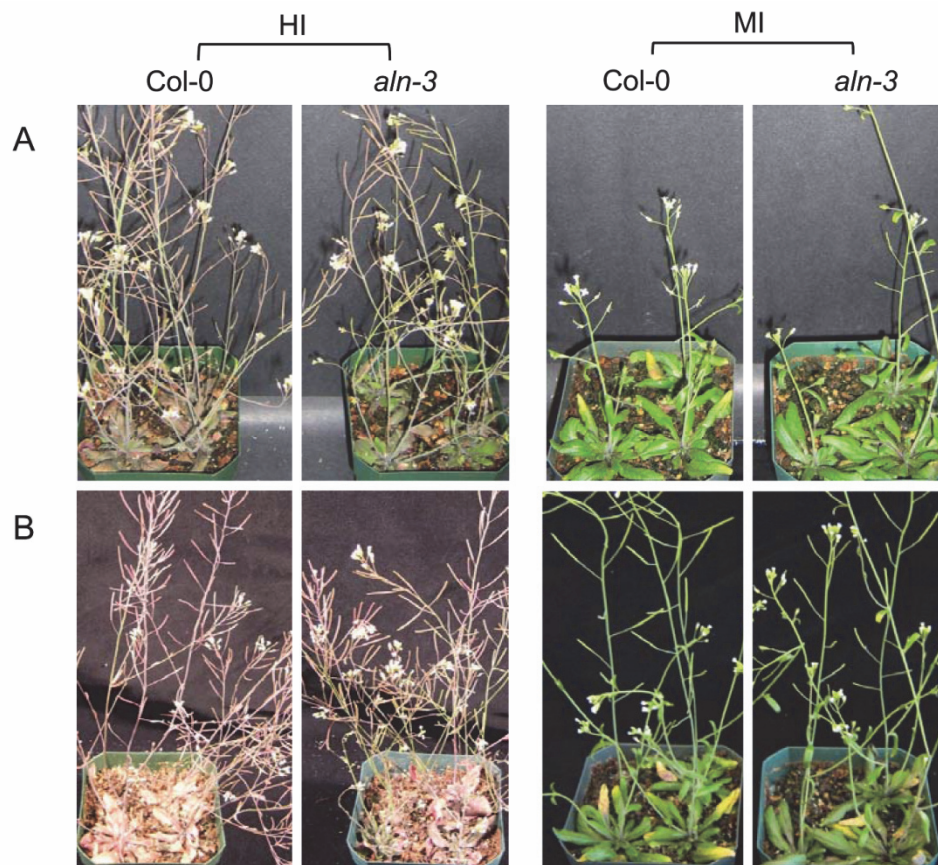


Fig. 2 Suppl. The effect of the high irradiance (HI) on the phenotype of *Arabidopsis thaliana* Col-0 (wild type) and T-DNA insertion mutant (*aln-3*) plants. Representative images show the plants on day 14 (A) and 21 (B) after high and moderate irradiance (MI) treatments.