



**Figure 6**

**Redox state of PsaF in dark- and light-adapted plants.**

Total leaf protein extracts from wt (Col-0) and redoxins (*ntrc*, *trxm4*, *trxm1m2* and *2cpab*) mutant plants grown in SD or LD conditions were prepared in presence of the thiol alkylating agent mPEG-maleimide. After SDS-PAGE, proteins (50  $\mu$ g per well) were electro-transferred onto a PVDF membrane for PsaF immuno-detection (chemi-luminescence). See Sup. Fig. 3 for details about the quantification method used and an example of redox western signals. (A) and (B) PsaF redox state in leaves in the dark and in the light, respectively. Values correspond to the mean of 5-6 experiments. Error bars correspond to standard deviation. \* and # designate significant differences between mutant and wt genotypes, and between SD and LD (for each genotype), respectively; according to Student's *t*-test,  $P < 0.05$ .