



Sup Fig 2

Analysis of light absorption and photosystem efficiency

(A) Light absorbance (B) carboxylation efficiency, CE (C) the fraction of $PPFD$ harvested by PSII, $\alpha\beta$ (D) electron transport rate, J_{400} (E) the maximum efficiency of photosystem II, F_v/F_m (F) the total pigments per area (G) initial/maximum quantum yield for CO_2 fixation, $Y(\text{CO}_2)_{LL}$ and (H) total protein concentration per area in *Col-0*, *RBCS_{pro}:KRP1*, *ATML1_{pro}:KRP1* and *CA1_{pro}:RBRi* leaves, as indicated. Values are means, error bars = SEM. For A, B, D, F, G $n \geq 3$; C ≥ 5 ; E ≥ 6 . Samples were compared with ANOVA, followed by a post-hoc Tukey test. Columns indicated by identical letters within each analysis cannot be distinguished from each other at the 0.05 confidence limit.