



**Figure S5.** The scatter plot between values of  $\Delta\text{PRI}(545, 570)$  and photosynthetic parameters including  $\gamma(\text{PSI})$  (a),  $\gamma(\text{PSII})$  (b),  $\gamma(\text{ND})$  (c),  $\gamma(\text{NA})$  (d), NPQ (e), and qP (f), which were measured under combination of “light” (under the actinic light with different intensities) and “dark” (without actinic light) conditions ( $n=33$ ). R was the linear correlation coefficient. The coefficients were calculated on basis of results from Figures 2 and 3.