Supplementary Tables

Title: Superoxide and singlet oxygen produced within the thylakoid membranes both cause photosystem I photoinhibition

Running title: The photoinhibition mechanism in Photosystem I

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Supplemental Table S1
Oxygen evolution rate and Y(II) in the absence and in the presence of PMC

	control	+PMC (5 μM)
O_2 absorption rate **[μmol O_2 (mg Chl)$^{-1}$ h^{-1}]**	2.87 ± 0.69	2.65 ± 0.51
Y(II)	0.035 ± 0.022	0.035 ± 0.013

Isolated chloroplasts were illuminated by red light (500 μE m^{-2} s^{-1}) and steady state O_2 evolution rate and Y(II) were measured in the absence of and in the presence of PMC (5 μM) in the reaction mixture. The reaction mixture contained 30 μg ml^{-1} isolated chloroplasts, and the reaction mixture was maintained at 25°C. Data are expressed as mean ± SEM of three independent experiments.