

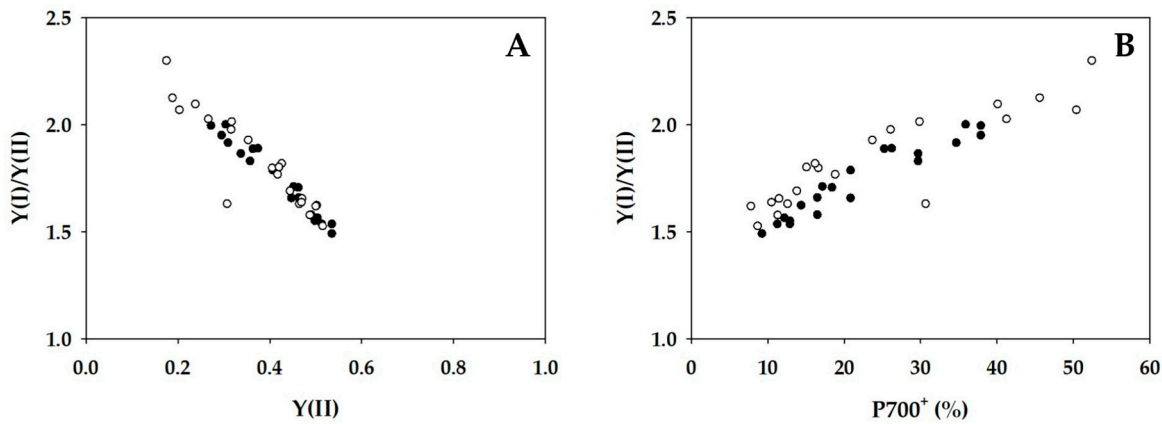
Supplemental Materials:

Supplemental Table S1

Field	Chl (mmol m ⁻²)			N (mmol m ⁻²)			Fv/Fm			P700max (Relative value)			PCmax (Relative value)			Fdmax (Relative value)		
	mean	SD	CI	mean	SD	CI	mean	SD	CI	mean	SD	CI	mean	SD	CI	mean	SD	CI
WT	0.366	0.036	difference	47.4	5.7	difference	0.799	0.002	difference	3.74	0.32	difference	1.96	0.24	difference	0.54	0.08	difference
crr4	0.318	0.018	(-0.1038, 0.0087)	50.7	3.2	(-5.77, 12.30)	0.799	0.005	(-0.00850, 0.00973)	3.27	0.21	(-0.955, 0.030)	1.71	0.06	(-0.636, 0.146)	0.46	0.01	(-0.2005, 0.0405)

CI, Confidential Interval of the difference between WT and crr4 (95%); SD, Standard Deviation.

Supplemental Figure S1



Relationships between Y(I)/Y(II), Y(II), and P700⁺. The data for each parameter were measured in the experiments depicted in Figure 1, simultaneously with the net CO₂ assimilation rates and Y(II). (A) Y(II) and (B) P700⁺ were plotted against Y(I)/Y(II). The data were obtained from four independent experiments using leaves attached to four WT and *crr4* plants (*N* = 4). Black symbols, WT; White symbols, *crr4*.