

Table 2S. Positions of red maxima [nm] in excitation spectra of PSI (Em735 – emission at 735 nm) and PSII (Em693 – emission at 693 nm) detected in leaf homogenates from barley seedlings grown at different light conditions: WL – white light; RL – red light, 660 nm; BL – blue light, 450 nm. 0hD – no dark adaptation, 1hD, 3hD, and 5hD – after 1, 3, and 5 h of dark adaptation. Data are mean values obtained from $n = 5-6$ independent experiments $\pm$ SE. The same *letters* in each column indicate no significant differences at $P < 0.05$.

	Positions of red maxima, [nm]					
Growth light treatment	WL		RL		BL	
Dark adaptation	Em735 (PSI)	Em693 (PSII)	Em735 (PSI)	Em693 (PSII)	Em735 (PSI)	Em693 (PSII)
0hD	675.0 $\pm$ 1.0 ^a	673.4 $\pm$ 0.5 ^{ab}	674.2 $\pm$ 0.4 ^a	673.6 $\pm$ 0.5 ^a	674.4 $\pm$ 1.1 ^a	673.0 $\pm$ 0.0 ^a
1hD	675.7 $\pm$ 1.2 ^{ab}	673.7 $\pm$ 0.5 ^{ab}	676.3 $\pm$ 0.8 ^b	673.8 $\pm$ 0.4 ^a	676.7 $\pm$ 0.5 ^b	673.5 $\pm$ 0.5 ^a
3hD	676.3 $\pm$ 1.5 ^{ab}	673.3 $\pm$ 0.5 ^a	676.3 $\pm$ 1.2 ^b	673.8 $\pm$ 0.4 ^a	676.7 $\pm$ 1.2 ^b	673.8 $\pm$ 0.8 ^a
5hD	676.6 $\pm$ 0.9 ^b	674.0 $\pm$ 0.0 ^b	675.2 $\pm$ 1.1 ^{ab}	673.8 $\pm$ 0.4 ^a	677.0 $\pm$ 1.7 ^b	673.2 $\pm$ 0.4 ^a