

Table 2

Photosystem 2 effective fluorescence cross-section values σ_{fl}^{wt} , σ_{fl}^{CK} , σ_{fl}^{PAL} for the WT, CK, and PAL strains of *Synechocystis* 6803, respectively.

Wavelength of excitation (nm)	455	470	589	655
$\sigma_{fl}^{wt}(\lambda)$ (\AA^2)	210	65	263	896
$\sigma_{fl}^{CK}(\lambda)$ (\AA^2)	175	65	67	220
$\sigma_{fl}^{PAL}(\lambda)$ (\AA^2)	170	60	57	83

σ_{fl}^{wt} , σ_{fl}^{CK} , σ_{fl}^{PAL} values for the excitation at 455, 470, 589 and 655 nm were calculated from the initial rise of fluorescence induction curves.