



**Figure 2**

The effects of DCMU on FR-dependent P700 oxidation kinetics and Gompertz-fitted parameters. P700 oxidation kinetics in the absence (a), and presence of DCMU (0.15 mM) were obtained from three biologically independent samples, and averaged data are shown. The gray bars above the figure indicate the period of dark, and red bars indicate the period of FR illumination. The yellow bars indicate a saturation pulse illumination at that time. From each P700 oxidation kinetics,  $k_{fast}$ (d),  $\Delta P700^+_{fast}$ (e),  $T_{fast}$ (f),  $k_{slow}$ (g),  $\Delta P700^+_{slow}$  (h), and  $T_{slow}$ (i), were calculated by fitting the P700 oxidation kinetics to the double Gompertz function described in the main text. Data are shown as means with standard errors obtained from independent biological replicates (n = 3).