

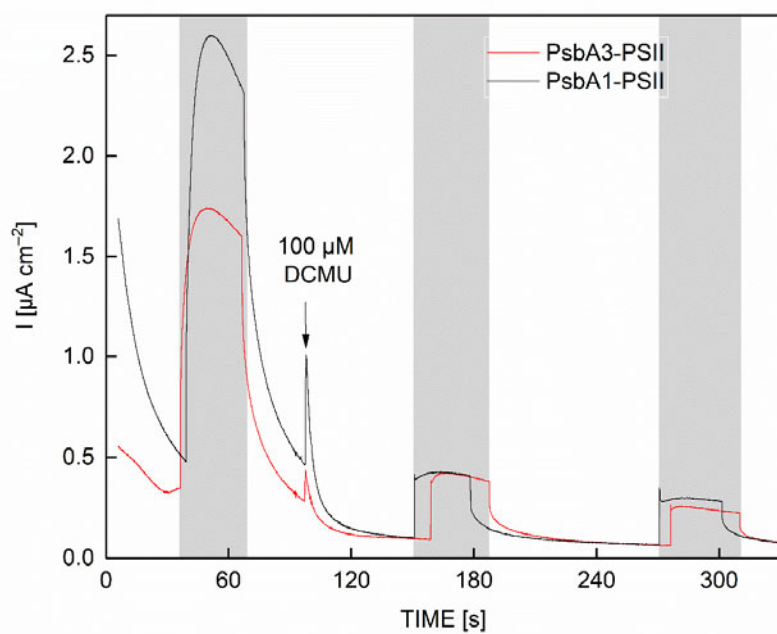


Fig. 1S. Photocurrent density of electrodes with redox-hydrogel embedded PSII inhibited by 100 μM DCMU after first cycle of illumination at 685 nm. A potential of +400 mV vs. Ag/AgCl/3.5 M KCl was applied. Illumination is shaded in grey and DCMU addition is indicated by black arrow.