



**Fig. S2.** UV-Vis absorption spectra of MccB protein with PLP in 100 mM sodium phosphate buffer containing 150 mM NaCl. "PLP" represents the spectrum of 50  $\mu$ M PLP without MccB protein, whereas "0–180" indicates mixtures of 50  $\mu$ M PLP and 50  $\mu$ M MccB incubated for the specified times (in seconds).