

Electronic Supplementary Information

Multiple photosynthetic reaction centres using zinc porphyrinic oligopeptide-fulleropyrrolidine supramolecular complex†

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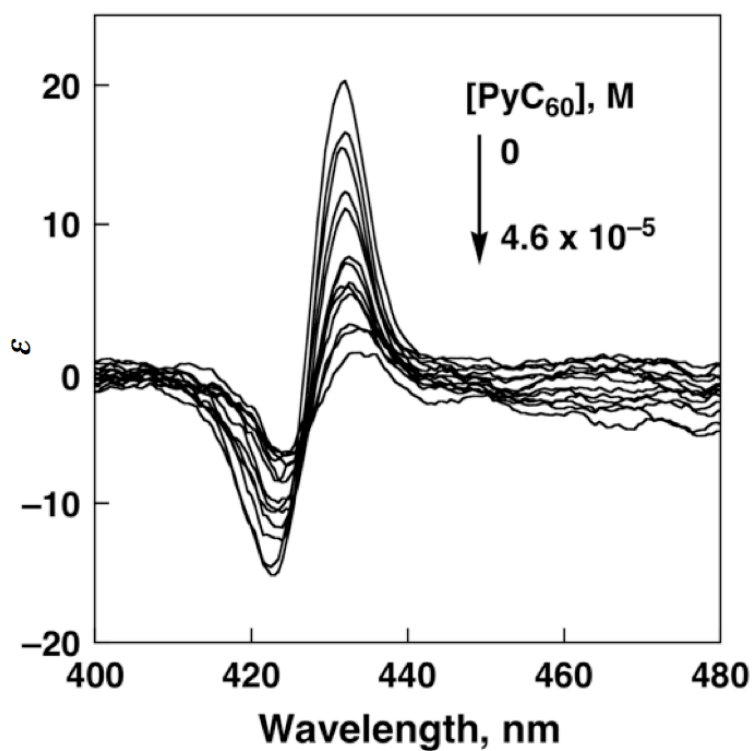


Fig. S1 Circular dichroism (CD) spectra of P(ZnP)₈ (4.3×10^{-6} M based on one porphyrin unit) in the presence of various concentration of PyC₆₀ (0 to 4.6×10^{-5} M) in PhCN.

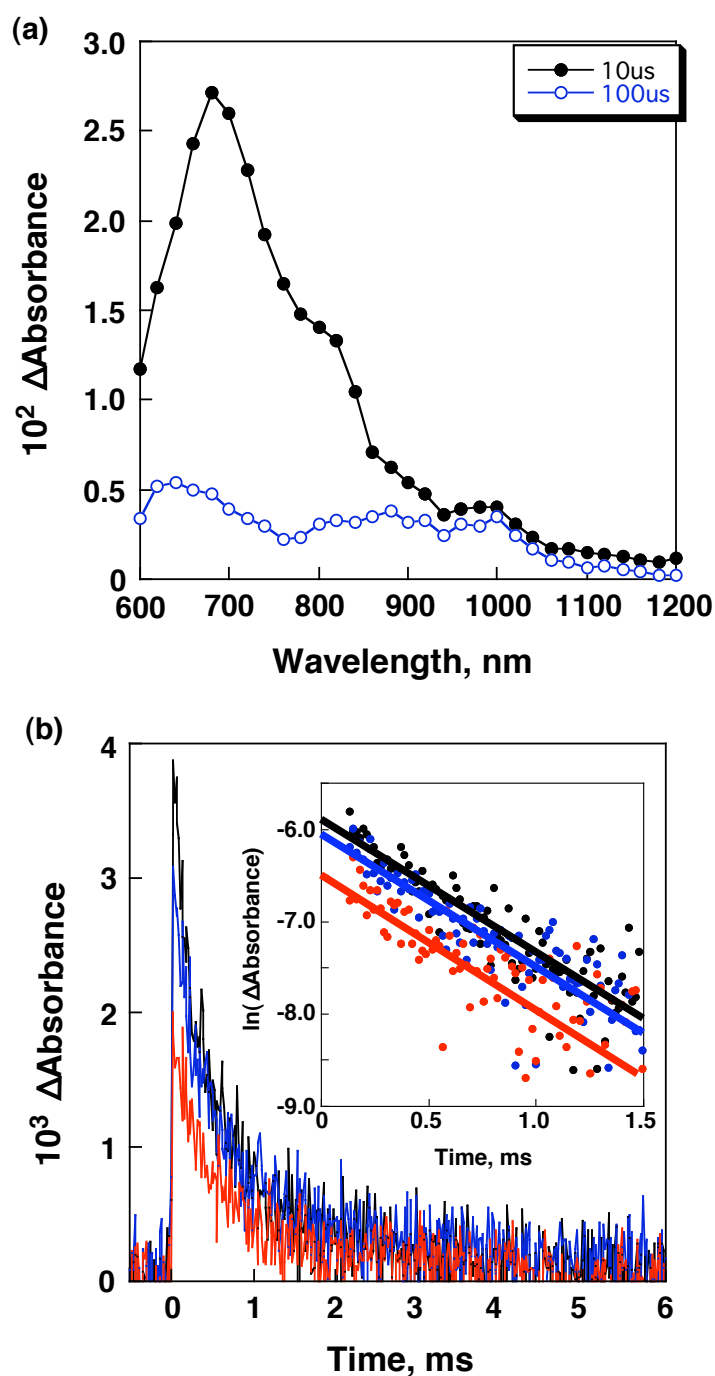


Fig. S2 (a) Transient absorption spectra of P(ZnP)₈ (2.9×10^{-6} M) in the presence of ImC₆₀ (4.9×10^{-3} M) in deaerated PhCN at 298 K taken at 70 (solid line with black circles) and 350 μ s (solid line with white circles) after laser excitation at 561 nm (4 mJ/pulse), respectively. (b) Time profiles of the absorption at 1000 nm due to ImC₆₀⁻ with different laser powers (4, 2 and 1 mJ/pulse) at 298 K. Inset: First-order plots.