

Supporting Information

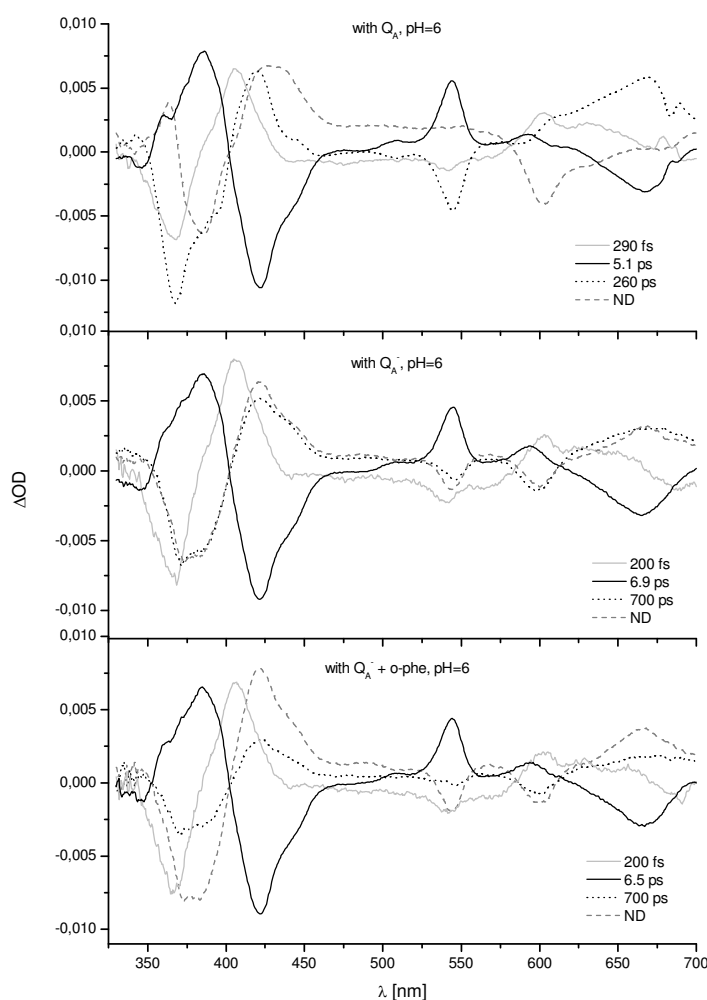


Fig. 7. Decay associated spectra found from the global analysis of the transient absorption spectra recorded at pH = 6 for *Rb. sphaeroides* RCs. Upper panel – open RCs, middle panel – Q_A^- -reduced RCs, lower panel – Q_A^- -reduced RCs with addition of 10-mM o-phenanthroline. The lifetimes of the fastest, 200-fs, phases and of the charge recombination, 700-ps, phases were fixed in order to directly compare the shapes and amplitudes of DAS for different samples. Free fits gave similar lifetimes and only insignificantly lower chi squared values.