

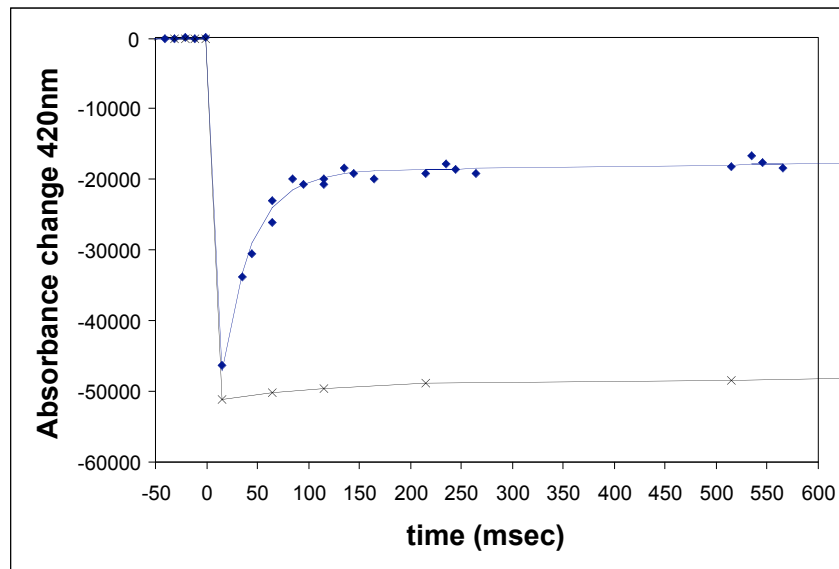
Supplementary Information:

Variable LH2 stoichiometry and core clustering in native membranes of *Rhodospirillum photometricum*

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Flash induced absorption changes at 420 nm. The upper curve shows the rapid re-reduction of photo-oxidised c type cytochromes following a saturating flash, in *Rsp. photometricum* membranes. This re-reduction is inhibited (lower curve) by 3uM myxothiazole or 3uM stigmatellin (not shown), specific inhibitors of the cytochrome bc₁ complex. Steady state measurements of myxothiazole sensitive horse heart cytochrome c reduction by *Rsp. photometricum* membranes with ubiquinol 2 as reductant in the presence of dodecyl maltoside gives an activity of 12 Units umole RC⁻¹. (We thank J. Alric and V. Prima for help with these measurements).