

The hydrogen-bond switch reaction of the BlrB BLUF domain of *Rhodobacter sphaeroides*

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Supplementary information

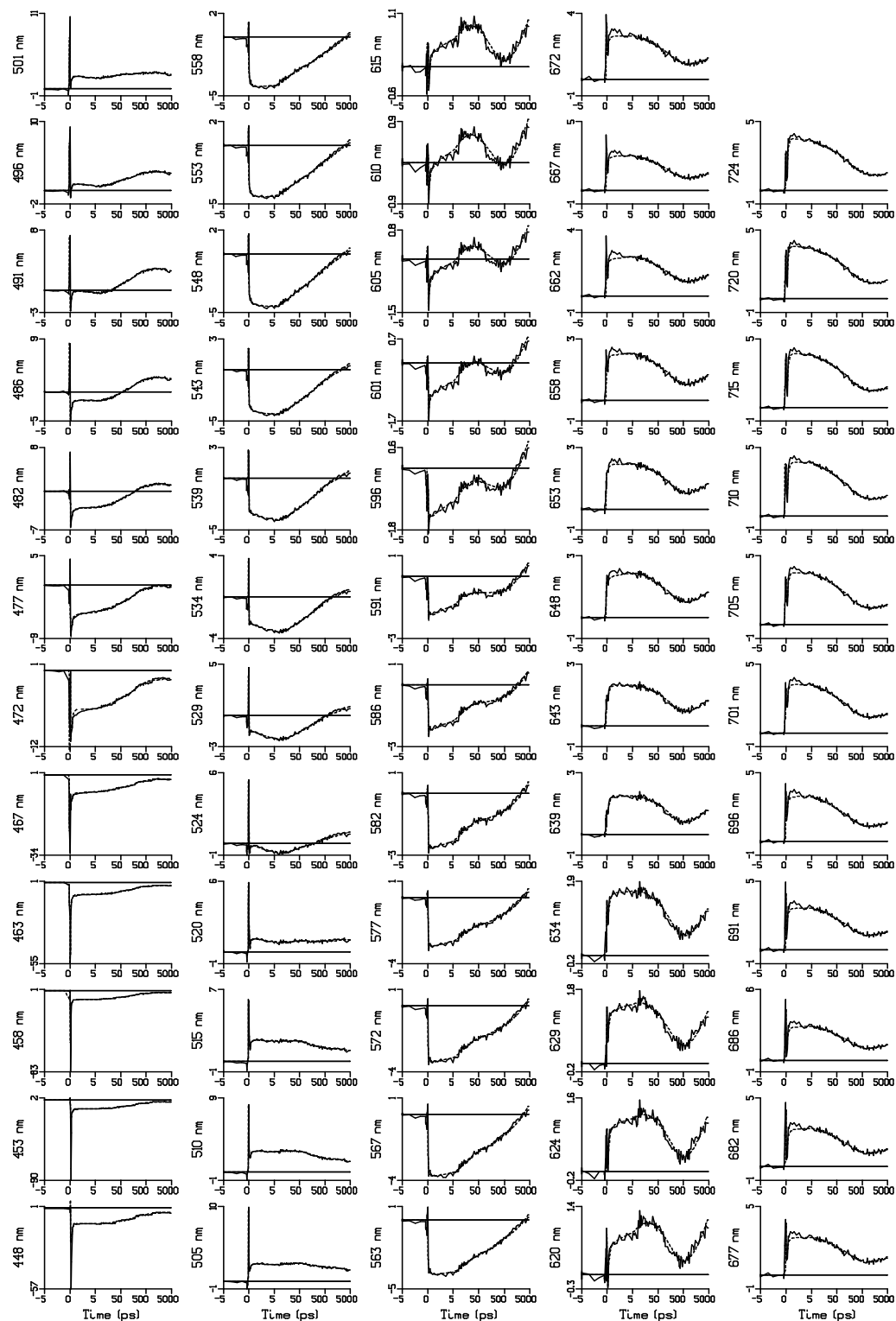


Figure 1 Transient absorption of BlrB. The y-axis displays the difference absorbance (10^{-3}). The time axis is linear up to 5 ps and logarithmic after. The traces at the corresponding wavelengths are depicted (solid) with the fit curves (dashed) superimposed. The traces are corrected for the temporal dispersion of about 0.5 ps over the spectral range. The coherent artifact is visible as an overshoot at 0 ps. Because of the low signal between 650 and 680 nm the noise seems to be higher but is in fact similar all over the observed spectral window.