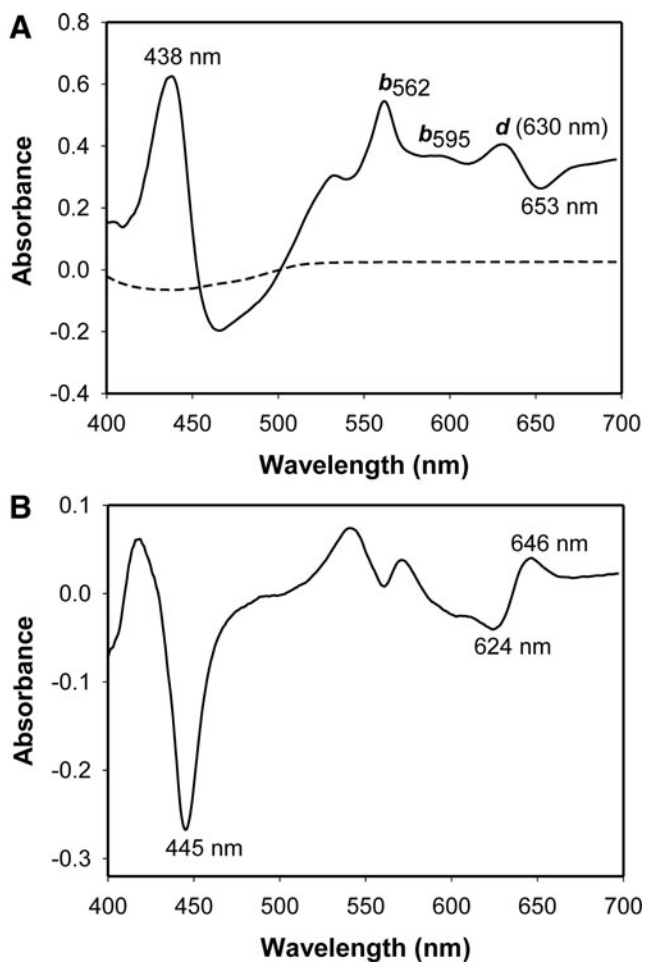


Supplementary Data



SUPPLEMENTARY FIG. 1. Difference spectra confirm the lack of cytochromes in the *hemA* mutant and their reconstitution. Cultures were grown as previously described (but without CORM-3 treatment) for 7–8 h (reconstituted cells) or 24 h (mutant cells), then harvested, washed thoroughly, and resuspended in 0.1 M KPi (pH 7). Cellular cytochrome content was assessed by dual wavelength spectrophotometry at room temperature. The resultant data were smoothed in SigmaPlot (Systat Software Inc.). Recorded wavelength positions are shown. **(A)** Reduced *minus* oxidized spectra of the *hemA* mutant (*dashed line*, 17.3 mg protein ml⁻¹) and after reconstitution with δ -ALA (*solid line*, 21.8 mg protein ml⁻¹). **(B)** CO-reduced *minus* reduced spectrum of cells after reconstitution with δ -ALA. Concentrations of cytochromes *b* (0.46 nmol mg protein⁻¹) and *d* (0.36 nmol mg protein⁻¹) were calculated from the reduced *minus* oxidized spectrum after reconstitution with δ -ALA.