



SUPPLEMENTARY FIG. 3. Effects of iCORM-3 on wild-type and heme-deficient *E. coli*. Cultures were grown as previously described and treated with 100 μM (open circles) and 200 μM (closed triangles) iCORM-3 at an OD_{600} of ~ 0.1 (dashed lines). Control cultures are shown in parallel (closed circles). Effects of iCORM-3 on wild type (**A**) and mutant (**B**) growth, and wild type (**C**) and mutant (**D**) viability are shown. Note that in **D** the points for the control culture (closed circles) lie beneath those for the 100 μM CORM-3 data (open circles). The inset in **A** shows CO difference of myoglobin tested with CORM-3 (orange) and iCORM-3 (red). For viability assays, a culture sample was taken immediately before addition of the inactive compound ($t=0$ in **C** and **D**) followed by hourly samples for 4 h, and at 24 h to complete the experiment. Data represent the pattern seen in ≥ 3 biological replicates. Viability data are plotted as means \pm SEM from ≥ 3 individual spots. Note that the scale on the y-axis is logarithmic in base 10, hence $1\text{e}+3 = 1000$.