



**Figure 5 - Supplement 2.** **A** Optical density (600 nm) of *E. coli* str. ECOR2 and *E. coli* str. K12 suspension cultures supplemented with PBS, BD-2 (1  $\mu\text{g}/\text{ml}$ ), or heat-inactivated BD-2 at 10 min intervals over a 6 h period at 37 °C. **B** Carrying capacity (K) of *E. coli* cultures incubated with PBS, BD-2 (1  $\mu\text{g}/\text{ml}$ ), or heat-inactivated BD-2 during log-phase growth (panel A). P values represents the results of a one-tailed Student's t-test relative to PBS treatment. For panels A and B,  $n = 8$  per experimental condition for each *E. coli* strain. **C** CFU/ml of late stationary phase *E. coli* str. ECOR2 cultures diluted in PBS and supplemented with BD-2 (1  $\mu\text{g}/\text{ml}$ ) or heat-inactivated BD-2 for 6 h at 37 °C.  $n = 8$  (BD-2 and heat inactivated BD-2) or 16 (PBS).