



Figure S1

Figure S1. A. Killing curves for single organism infections of *Drosophila*. The solid red line represents the negative control (5% sucrose) and represents the natural life span of the flies under our laboratory conditions. The infection with *P. aeruginosa* PAO1 is represented by the solid black line. The data was collected from at least six independent infections with a minimum of 25 flies per infection. Standard error was determined for each time point but is not included to simplify the figure. Log-rank analysis was used to compare the OF survival curves with the survival curve of the sucrose control; statistical significance between survival curves is shown beside the day 6 data point for each infection with * $P < 0.05$, ** $P < 0.005$ and *** $P < 0.0005$; ns = not significant **B.** Percent survival on Day 6 of the infections showing the standard error for each infection. The *P. aeruginosa* and negative control (5% sucrose) are shown on the left. The infections with the OF strains are ordered by decreasing survival and standard error for each infection is indicated with the error bars. The broad gray line represents the negative control and infections above this have enhanced survival and those below represent virulent organisms.