

**Supplemental Figure 1. D-AAs at effective concentrations do not inhibit cell growth. A-B)**Overnight cultures a representative strain of *S. aureus* (SAMMC700) and *P. aeruginosa* (SAMMC604) were inoculated into 25mL of MHB-II and grown at 37°C with agitation in the presence or absence of individual D-AAs (D-Phe, D-Met, and D-Trp) at 5 mM or as an equimolar mixture D-Phe:D-Met:D-Trp. Absorbance at 600 nm was measured every 2 hours up to 12 hours post-inoculation as an indication of bacterial growth. **C-D)** Bacterial growth of *S. aureus* (SAMMC700) and *P. aeruginosa* (SAMMC604) in the presence or absence of D-AAs, as measured by Log<sub>10</sub> CFU for up to 24 hours.