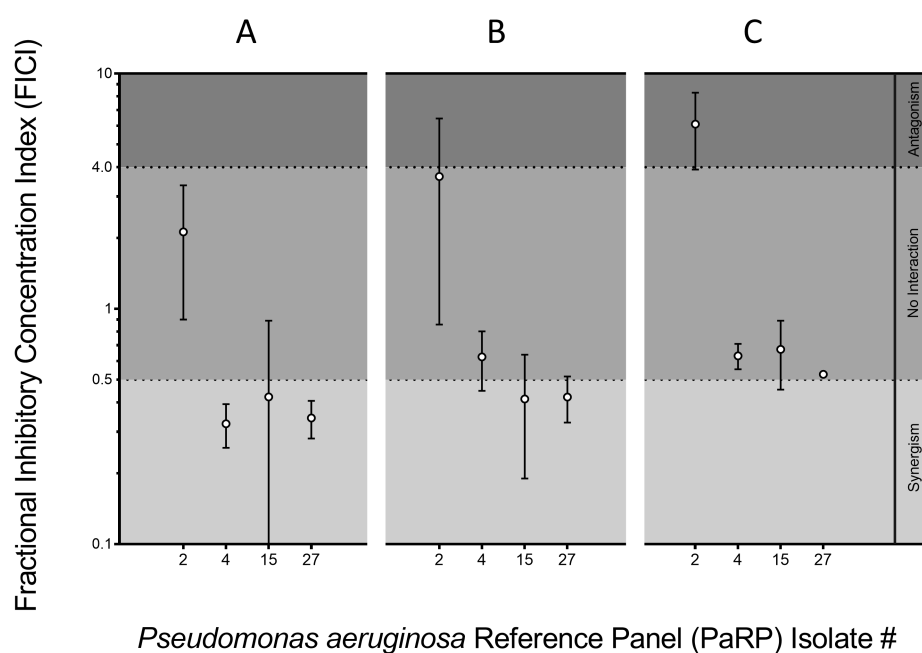
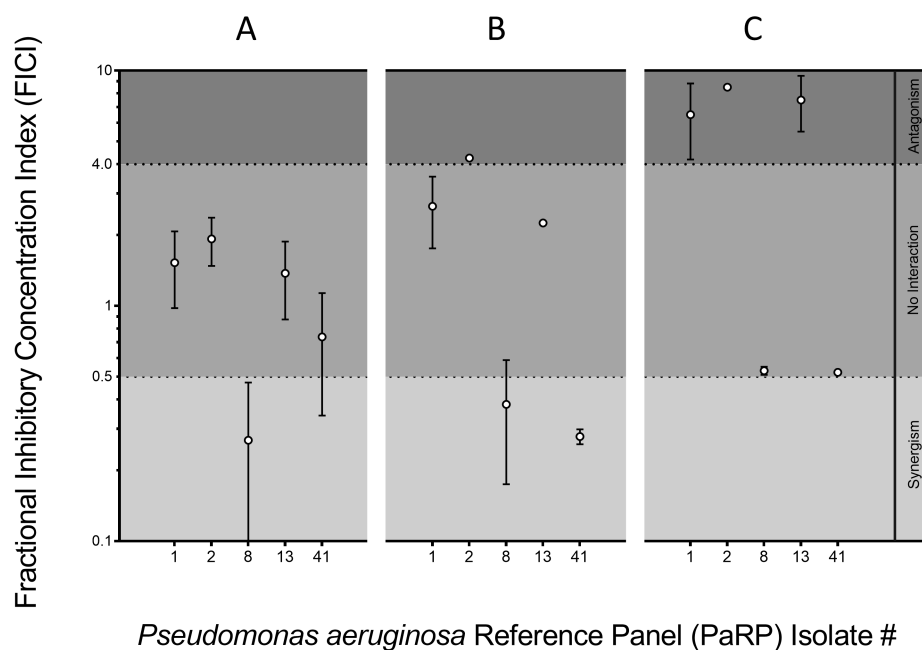


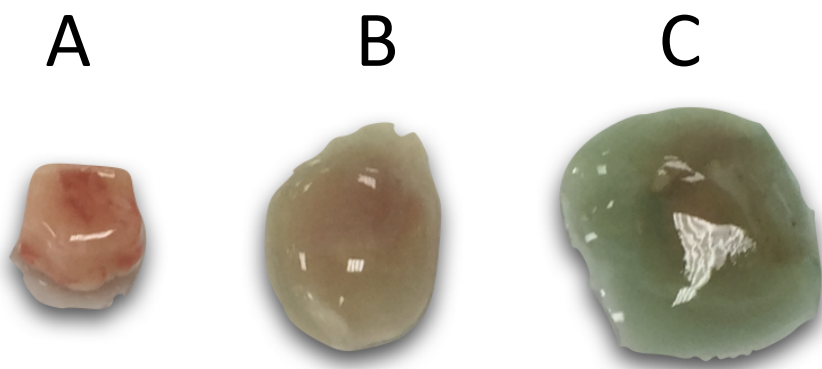
Supplementary Figure 1. Fractional Inhibitory Concentration Index (FICI) of ciprofloxacin, supplemented with 0.125 (A), 0.25 (B), and 0.5 (C) of the manuka honey MIC concentration. The interaction between manuka honey and antibiotics were interpreted as 'synergistic' (FICI < 0.5), 'antagonistic' (FICI > 4.0), and 'no interaction' (FICI > 0.5-4.0).



Supplementary Figure 2. Fractional Inhibitory Concentration Index (FICI) of ceftazidime, supplemented with 0.125 (A), 0.25 (B), and 0.5 (C) of the manuka honey MIC concentration. The interaction between manuka honey and antibiotics were interpreted as 'synergistic' (FICI < 0.5), 'antagonistic' (FICI > 4.0), and 'no interaction' (FICI > 0.5-4.0).



Supplementary Figure 3. Fractional Inhibitory Concentration Index (FICI) of tobramycin, supplemented with 0.125 (A), 0.25 (B), and 0.5 (C) of the manuka honey MIC concentration. The interaction between manuka honey and antibiotics were interpreted as 'synergistic' (FICI < 0.5), 'antagonistic' (FICI > 4.0), and 'no interaction' (FICI > 0.5-4.0).



Supplementary Figure 4. Exopolysaccharide production by two *Pseudomonas aeruginosa* isolates grown within 5mm² sections of *Ex vivo* Porcine Lung (EVPL) tissue - uninoculated tissue sample showing control 5mm² tissue cubes (A) compared to the commonly used reference strain PA01 (B) and the transmissible strain LES B58 (C) which have engulfed the 5mm² tissue cubes.