**Supplementary Table S3:** Minimal inhibitory concentrations of antibiotics following passaging under antibiotic-free conditions.

| Biological Replicate | PAO1   | PA14   | S2239_16 | DUN-003B |
|----------------------|--------|--------|----------|----------|
|                      | MIC P0 | MIC P10 | MIC fold change | MIC P0 | MIC P10 | MIC fold change | MIC P0 | MIC P10 | MIC fold change |
| Ceftazidine          |        |        |          |          |          |          |        |        |          |          |
| 1                    | 1.0    | 1.0    | 1.0      | 0.75    | 1.0      | 1.3      | 0.75    | 0.75    | 1.0      | 0.5      | 0.5      | 1.0 |
| 2                    | 1.0    | 1.0    | 1.0      | 0.75    | 0.75    | 1.0      | 0.5    | 0.75    | 1.0      | 0.5      | 0.75    | 1.5 |
| Ciprofloxacin        |        |        |          |          |          |          |        |        |          |          |          |
| 1                    | 0.064  | 0.064  | 1.0      | 0.064   | 0.064   | 1.0      | 0.5    | 0.75    | 1.5      | 0.125    | 0.19    | 1.5 |
| 2                    | 0.064  | 0.094  | 1.5      | 0.064   | 0.094   | 1.5      | 0.5    | 1.0      | 2.0      | 0.125    | 0.094   | 0.75 |
| Meropenem            |        |        |          |          |          |          |        |        |          |          |          |
| 1                    | 0.38   | 0.38   | 1.0      | 0.38    | 0.19    | 0.5      | 0.38   | 0.38   | 1.0      | 0.032    | 0.047   | 1.5 |
| 2                    | 0.50   | 0.50   | 1.0      | 0.25    | 0.38    | 1.5      | 0.38   | 0.38   | 1.0      | 0.094    | 0.125   | 1.3 |
| Tobramycin           |        |        |          |          |          |          |        |        |          |          |          |
| 1                    | 0.38   | 0.50   | 1.3      | 0.38    | 0.38    | 1.0      | 0.19   | 0.19   | 1.0      | 0.25     | 0.25    | 1.0 |
| 2                    | 0.38   | 0.38   | 1.0      | 0.19    | 0.38    | 2.0      | 0.38   | 0.38   | 1.0      | 0.19     | 0.19    | 1.0 |

Abbreviations: MIC, minimum inhibitory concentration (µg/mL) determined using eTest; P0, MIC prior to passaging; P10AB-, MIC following ten passages under antibiotic-free conditions.