**Supplementary Table S1: Strain Identifier Mapping**

| **Label Used in Figures** | **Full Strain Name and Genome Assembly** |
| --- | --- |
| Strain2 | Staphylococcus aureus subsp. aureus USA300\_TCH959 |
| Strain1 | Staphylococcus aureus subsp. aureus MW2 |
| Strain2 | Pseudomonas aeruginosa UCBPP-PA14 genome assembly ASM1462v1 |
| Strain1 | Pseudomonas aeruginosa PAO1 reference genome ASM676v1 |
| Strain2 | Klebsiella pneumoniae genome assembly ASM615169v1 (KP95) |
| Strain1 | Klebsiella pneumoniae genome assembly ASM522259v1 (ST15) |
| Strain2 | Enterococcus faecium DO genome assembly ASM17439v2 |
| Strain1 | Enterococcus faecium Com15 genome assembly ASM15765v1 |
| Strain2 | Enterobacter cloacae genome assembly ASM430282v1 (PLV-MS02) |
| Strain1 | Enterobacter cloacae genome assembly ASM100663v1 (CH1) |
| Strain2 | Acinetobacter baumannii AYE genome assembly ASM6924v1 |
| Strain1 | Acinetobacter baumannii ATCC 19606 = CIP 70.34 = JCM 6841 genome assembly ASM16229v1 |