



Figure S4. Screening of the *P. aeruginosa* DK2-P2M24-2003 transposon mutant library in a spot-interaction setup with *S. aureus* JE2 to find *P. aeruginosa* mutant that no longer show a zone of thickened colony morphology in interaction with *S. aureus*. **(A)** Example of a screening plate with 96 different *P. aeruginosa* DK2-P2M24-2003 mutant strains (top colonies) in interaction with colonies of *S. aureus* JE2 (bottom colonies). **(B)** The detection of a *P. aeruginosa* mutant strain (indicated by white arrowhead), mutated in *pqsB*, which show impaired interaction with *S. aureus*. **(C)** Summary of *P. aeruginosa* DK2-P2M24-2003 mutant strains detected from the spot-interaction screening assay. For mapping transposon insertion junctions in the *P. aeruginosa* DK2-P2M24-2003 chromosome, sequenced arbitrary PCR fragments were compared to the *P. aeruginosa* DK2 reference genome (Accession no.: CP003149).