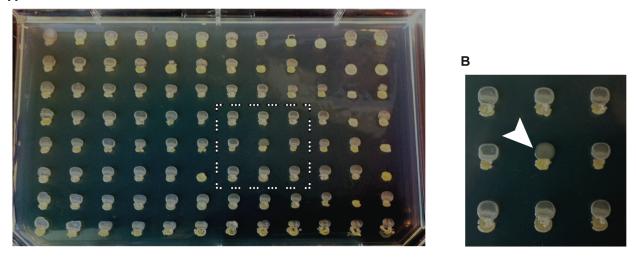
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С

Strain	Gene Name and/or Description	Locus tag on DK2 genome	Thickened colony
Tn1	pqsB, Beta-keto-acyl acyl carrier protein synthase	PADK2_20750	No
Tn2	tryptophan permease	PADK2_28905	No
Tn3	putative permease	PADK2_17585	No
Tn4	Uvr/REP helicase	PADK2_28165	No

Figure S4. Screening of the *P. aeruginosa* DK2-P2M24-2003 transposon mutant library in a spotinteraction 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).