Strain	Gene Name and/or Description	Accession Number
NE95	agrB, accessory gene regulator protein B	SAUSA300_1989
NE496	transporter, Trap family	SAUSA300_1064
NE873	agrC, accessory gene regulator protein C	SAUSA300_1991
NE912	clpP, ATP-dependent Clp protease proteolytic subunit	SAUSA300_0752
NE969	sodium:solute symporter family protein	SAUSA300_0314
NE1193	sarA, accessory regulator A	SAUSA300_0605
NE1358	conserved hypothetical protein	SAUSA300_0603
NE1509	ABC transporter ATP-binding protein	SAUSA300_0630
NE1532	agrA, accessory gene regulator protein A	SAUSA300_1992

Α

Figure S5. Screening of the *S. aureus* Nebraska mutant library (Fey et al, 2013) in a spotinteraction setup with *P. aeruginosa* DK2-P2M24-2003 to find *S. aureus* mutant that no longer induce the zone of thickened *P. aeruginosa* colony morphology. (A) Example of a screening plate with 96 different *S. aureus* mutant strains (top colonies) in interaction with colonies of *P. aeruginosa* DK2-P2M24-2003 (bottom colonies). (B) The detection of a *S. aureus* mutant strain (indicated by white arrowhead), mutated in *agrC* (NE873), which does not induce the thickened *P. aeruginosa* colony morphology. (C) Summary of *S. aureus* mutant strains with impaired *P. aeruginosa* interaction as detected from the spot-interaction screening assay.