

S1 Table : Bacterial Strains used in this study

Strain	Description	Source
<i>Escherichia coli</i>		
DH5 α	<i>fhuA2 lac(del)U169 phoA glnV44 Φ80' lacZ(del)M15 gyrA96 recA1 relA1 endA1 thi-1 hsdR17</i>	BRL Life Technology
<i>Staphylococcus aureus</i>		
RN4220	NCTC 8325-4 <i>sau1⁻, hsdR⁻</i> , laboratory strain accepting foreign DNA; β -toxin producer, no β -hemolysis	[48]
RN4220 p0182	RN4220 with complementation plasmid p0182	This study
6850	methicillin-sensitive; <i>spa</i> type t185, sequence type 50 [38], Isolated from a patient with a skin abscess, progressed to bacteremia, osteomyelitis, septic arthritis, and multiple systemic abscesses	[57]
LAC	USA300 CA-MRSA, staphylococcal chromosomal cassette <i>mec</i> (SCC <i>mec</i>) type IV, <i>spa</i> -type 1, Sequence type 8 [ST8].	[53]
LAC $\Delta\alpha\beta\delta$	LAC with deletions of the <i>psm</i> α and <i>psm</i> β operons, as well as a point mutation in the initiation codon of δ -toxin	[54]
JE2	USA300, <i>rsp⁺</i> . Derivative of LAC, which was cured of three plasmids.	[18]
JE2 NE119 (<i>ausA</i>)	JE2 <i>ausA::bursa</i> , deficient in aureusimine production	[18]
JE2 NE964 (<i>ausB</i>)	JE2 <i>ausB::bursa</i> , deficient in aureusimine production	[18]
JE2 NE1908 (<i>pmtC</i>)	JE2 <i>pmtC::bursa</i> , mutant in the phenol-soluble modulins transporter component, <i>pmtC</i>	[18]
JE2 NE1532 (<i>agrA</i>)	JE2 <i>agrA::bursa</i> , non-hemolytic insertional mutant in the quorum sensing system <i>agr</i>	[18]
NE964 p0182	NE964 carrying plasmid p0182, aureusimine producer	This study