

Table S1. Bacterial strains used in this study

Species	Strains	Description	Reference or source
<i>E. coli</i>	DH5 α	Competent <i>E. coli</i> for plasmid transformation	Takara
	Rosetta (DE3)	<i>E. coli</i> strain for protein expression	Merck
	BW25142	<i>lacI^f rrnB3 ΔlacZ4787 <i>hsdR514</i> DE(<i>araBAD</i>)567 DE(<i>rhaBAD</i>)568 ΔphoBR580 <i>rph-1 galU95 ΔendA9 uidA(ΔMluI)::pir-116 <i>recA1</i></i></i>	[31]
	ZK126	W3110 <i>ΔlacU169 <i>tna-2</i></i>	[32]
	TW0901	ZK126, λ ::pAH125 <i>pint(pint-lacZ, Kan^r)</i>	This study
	TW0902	TW0901, pET22 <i>btac-sigH(sigH, Ap^r)</i>	This study
	<i>S. aureus</i>	MW2	A community-acquired MRSA strain
NCTC8325		Standard laboratory strain	[29]
RN4220		Derived from NCTC8325-4, selected for transformability with DNA from <i>E. coli</i>	[41]
RN4220 Φ 11		RN4220 derivative, harboring Φ 11	This study
RN4220 Φ 12		RN4220 derivative, harboring Φ 12	This study
RN4220 Φ 13		RN4220 derivative, harboring Φ 13	This study
SUN0802		MW2, <i>ΔsigH</i>	This study
SUN0806		NCTC8325, <i>ΔsigH</i>	This study
SUN0818		NCTC8325, Φ 11/ <i>Δint</i>	This study
SUN0914	RN4220, <i>ΔsigH</i>	This study	