

Table S2: Primers used in the study.

mecA/mecC detection				
Gene	Primer pair	Nucleotide Sequence (5'-3')	Size [bp]	Reference
mecA	MECA P4	TCC AGA TTA CAA CTT CAC CAG G	162	[42]
	MECA P7	CCA CTT CAT ATC TTG TAA CG		
mecC	mecALGA251MultiFP	GAA AAA AAG GCT TAG AAC GCC TC	138	[43]
	mecALGA251MultiRP	GAA GAT CTT TTC CGT TTT CAG C		
SCCmec typing				
Primer specificity (SCCmec type, region)	Primer pair	Nucleotide Sequence (5'-3')	Size [bp]	Reference
I, J1 region	CIF2 F2	TTC GAG TTG CTG ATG AAG AAG G	495	[47]
	CIF2 R2	ATT TAC CAC AAG GAC TAC CAG C		
V, ccr complex	ccrC F2	GTA CTC GTT ACA ATG TTT GG	449	
	ccrC R2	ATA ATG GCT TCA TGC TTA CC		
III, J3 region	RIF5 F10	TTC TTA AGT ACA CGC TGA ATC G	414	
	RIF5 R13	GTC ACA GTA ATT CCA TCA ATG C		
V, J1 region	SCCmec V J1 F	TTC TCC ATT CTT GTT CAT CC	377	
	SCCmec V J1 R	AGA GAC TAC TGA CTT AAG TGG		
I, II, IV, and VI, J3 region	dcs F2	CAT CCT ATG ATA GCT TGG TC	342	
	dcs R1	CTA AAT CAT AGC CAT GAC CG		
II and IV, ccr complex	ccrB2 F2	AGT TTC TCA GAA TTC GAA CG	311	
	ccrB2 R2	CCG ATA TAG AAW GGG TTAG C		
II, J1 region	kdp F1	AAT CAT CTG CCA TTG GTG ATG C	284	
	kdp R1	CGA ATG AAG TGA AAG AAA GTG G		
III, J1 region	SCCmec III J1 F	CAT TTG TGA AAC ACA GTA CG	243	
	SCCmec III J1 R	GTT ATT GAG ACT CCT AAA GC		
II and III, mec complex	mecI P2	ATC AAG ACT TGC ATT CAG GC	209	
	mecI P3	GCG GTT TCA ATT CAC TTG TC		
Internal positive control	mecA P4	TCC AGA TTA CAA CTT CAC CAG G	162	
	mecA P7	CCA CTT CAT ATC TTG TAA CG		
II	Type II-F	CGT TGA AGA TGA TGA AGC G	398	[48]
	Type II-R	CGA AAT CAA TGG TTA ATG GAC C		
V	Type V-F	GAA CAT TGT TAC TTA AAT GAG CG	325	
	Type V-R	TGA AAG TTG TAC CCT TGA CAC C		
Multilocus sequence typing				
Gene	Primer pair	Nucleotide Sequence (5'-3')	Reference	
Carbamate kinase (arcC)	arcC-Up	TTG ATT CAC CAG CGC GTA TTG TC	[46]	
	arcC-Dn	AGG TAT CTG CTT CAA TCA GCG		
Shikimate dehydrogenase (aroE)	aroE-Up	ATC GGA AAT CCT ATT TCA CAT TC		
	aroE-Dn	GGT GTT GTA TTA ATA ACG ATA TC		
Glycerol kinase (glpF)	glpF-Up	CTA GGA ACT GCA ATC TTA ATC C		
	glpF-Dn	TGG TAA AAT CGC ATG TCC AAT TC		
Guanylate kinase (gmk)	gmk-Up	ATC GTT TTA TCG GGA CCA TC		
	gmk-Dn	TCA TTA ACT ACA ACG TAA TCG TA		
Phosphate acetyltransferase (pta)	pta-Up	GTT AAA ATC GTA TTA CCT GAA GG		
	pta-Dn	GAC CCT TTT GTT GAA AAG CTT AA		
Triosephosphate isomerase (tpi)	tpi-Up	TCG TTC ATT CTG AAC GTC GTG AA		
	tpi-Dn	TTT GCA CCT TCT AAC AAT TGT AC		
Acetyl coenzyme A acetyltransferase (yqiL)	yqiL-Up	CAG CAT ACA GGA CAC CTA TTG GC		
	yqiL-Dn	CGT TGA GGA ATC GAT ACT GGA AC		

<i>spa</i> typing			
Primer specificity	Primer pair	Nucleotide Sequence (5'-3')	Reference
Staphylococcus protein	spa-1113f	TAA AGA CGA TCC TTC GGT GAG C	[44]
A (<i>spa</i>) repeat region	spa-1514r	CAG CAG TAG TGC CGT TTG CTT	