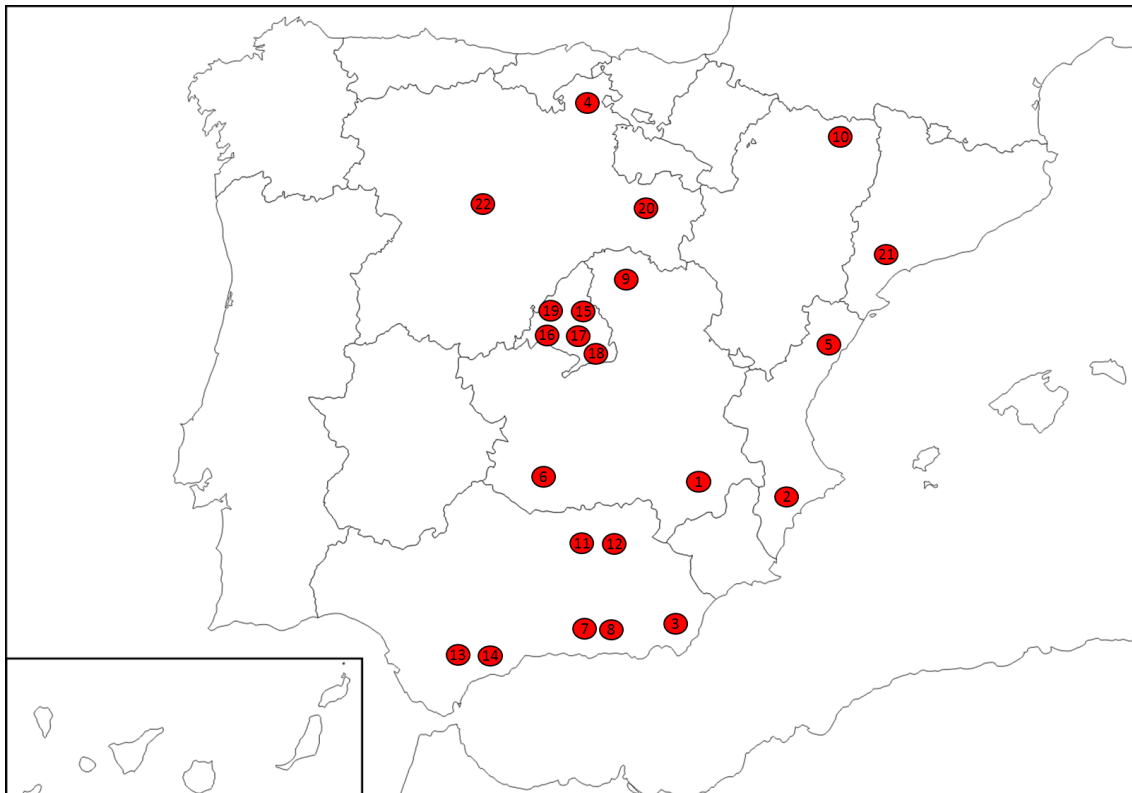


No.	Strain ID	Species	Origin (hospital number)	pSCF7	Domain V	MIC (µg/mL)											
						AMPICILLIN	CIPROFLOXACIN	CLINDAMYCIN	ERYTHROMYCIN	GENTAMICIN	LINEZOLID	OXACILLIN	RIFAMPICIN	TEICoplanin	VANCOMYCIN	TETRACYCLINE	CEFOXITIN
1	63262/15	<i>S. hominis</i>	1	-	G2576T	>4	4	2	≤0.5	4	>32	2	≤0.5	16	3	≤2	>32
2	61055/15	<i>S. epidermidis</i>	1	+	G2576T	>4	>16	1	8	>64	32	4	>32	8	2	≤2	>32
3	60020/15	<i>S. hominis</i>	2	-	G2576T	>4	4	4	4	4	>32	≤0.25	≤0.5	8	3	≤2	>32
4	62847/15	<i>S. aureus</i>	3	-	No mutation	>4	>16	>8	>32	≤0.5	4	2	≤0.5	1	1.5	16	4
5	60388/15	<i>S. hominis</i>	4	+	G2576T	>4	>16	8	1	16	>32	16	≤0.5	≤0.5	1.5	≤2	32
6	60263/15	<i>S. aureus</i>	4	+	No mutation	>4	>16	>8	>32	1	8	>16	≤0.5	1	1.5	4	16
7	60421/16	<i>S. hominis</i>	4	+	G2576T	>4	>16	8	1	16	>32	>16	≤0.5	32	3	≤2	>32
8	60544/16	<i>S. hominis</i>	4	+	G2576T	>4	16	>8	≤0.5	16	>32	>16	≤0.5	≤0.5	2	4	>32
9	60418/14	<i>S. epidermidis</i>	5	-	G2576T	>4	4	0.5	≤0.5	≤0.5	32	>16	≤0.5	4	4	≤2	32
10	60307/16	<i>S. aureus</i>	6	+	No mutation	>4	1	>8	>32	≤0.5	16	>16	≤0.5	2	1.5	16	>32
11	60361/12	<i>S. aureus</i>	7	+	No mutation	ND	ND	ND	ND	ND	8	ND	ND	1	0.5	ND	ND
12	60354/12	<i>S. epidermidis</i>	7	+	G2576T	>4	>8	>8	1	32	>32	>16	>32	16	8	ND	ND
13	60388/16	<i>S. lugdunensis</i>	7	+	No mutation	>4	2	>8	≤0.5	≤0.5	8	1	≤0.5	≤0.5	1.5	16	4
14	60133/16	<i>S. aureus</i>	7	+	No mutation	>4	>16	>8	≤0.5	≤0.5	8	>16	≤0.5	≤0.5	1	≤2	>32
15	60355/12	<i>S. epidermidis</i>	7	+	G2576T	>4	>16	>8	32	32	>32	>16	>32	8	2	ND	ND
16	60356/12	<i>S. epidermidis</i>	7	+	G2576T	>4	>16	>8	1	64	>32	>16	>32	16	2	ND	ND
17	60357/12	<i>S. epidermidis</i>	7	+	G2576T	>4	>16	>8	1	64	>32	>16	>32	4	3	ND	ND
18	60358/12	<i>S. epidermidis</i>	7	+	G2576T	>4	>16	>8	1	64	>32	>16	>32	8	3	ND	ND
19	60363/12	<i>S. epidermidis</i>	7	+	G2576T	>4	>16	>8	1	64	>32	>16	>32	8	2	ND	ND
20	60366/12	<i>S. epidermidis</i>	7	+	G2576T	>4	>16	>8	1	64	>32	>16	>32	8	2	ND	ND
21	60147/16	<i>S. epidermidis</i>	7	+	G2576T	>4	>16	>8	≤0.5	>64	>32	>16	>32	8	3	≤2	>32
22	60938/13	<i>S. epidermidis</i>	8	+	G2576T	>4	16	>8	>32	>64	>32	>16	>32	16	2	4	ND
23	63020/15	<i>S. epidermidis</i>	9	+	G2576T	>4	>16	2	2	64	>32	>16	>32	8	3	≤2	32
24	60231/16	<i>S. aureus</i>	10	+	No mutation	>4	1	>8	≤0.5	1	16	2	≤0.5	2	1.5	≤2	4
25	60924/13	<i>S. epidermidis</i>	11	+	G2576T	>4	>16	>8	>32	>64	>32	8	>32	8	3	4	ND
26	61053/15	<i>S. aureus</i>	12	+	No mutation	>4	>16	>8	>32	>64	16	>16	≤0.5	2	1	≤2	>32
27	60470/12	<i>S. epidermidis</i>	13	+	G2576T	>4	>16	>8	1	64	>32	>16	>32	8	2	ND	ND
28	60603/13	<i>S. epidermidis</i>	14	+	G2576T	>4	16	>8	≤0.25	>64	>32	>16	>32	8	3	4	ND
29	62875/14	<i>S. epidermidis</i>	13	+	G2576T	ND	ND	ND	ND	ND	>32	ND	ND	4	2	ND	ND
30	60036/12	<i>S. hominis</i>	15	+	G2576T	>4	16	>8	16	64	>32	>16	>32	4	3	ND	ND
31	60043/12	<i>S. hominis</i>	15	+	G2576T	>4	16	>8	8	64	>32	>16	>32	4	3	ND	ND
32	63087/15	<i>S. epidermidis</i>	16	+	G2576T	>4	>16	>8	32	>64	>32	16	>32	8	3	8	>32
33	61001/15	<i>S. epidermidis</i>	17	+	G2576T	ND	ND	ND	ND	ND	>32	ND	ND	4	4	ND	ND
34	60669/15	<i>S. epidermidis</i>	18	-	G2576T	>4	>16	>8	32	>64	>32	16	>32	16	4	16	>32
35	60464/16	<i>S. epidermidis</i>	19	-	G2576T	>4	>16	>8	≤0.5	>64	>32	≤0.25	>32	4	1.5	≤2	>32
36	62565/15	<i>S. aureus</i>	20	+	No mutation	>4	>16	>8	>32	≤0.5	8	>16	≤0.5	2	3	≤2	>32
37	60478/16	<i>S. epidermidis</i>	20	+	No mutation	>4	>16	>8	≤0.5	16	4	>16	≤0.5	4	2	4	32
38	60541/16	<i>S. epidermidis</i>	21	+	G2576T	>4	>16	1	2	>64	>32	>16	>32	2	3	4	32
39	60806/15	<i>S. aureus</i>	22	+	No mutation	>4	>16	>8	≤0.5	1	16	>16	≤0.5	2	1.5	≤2	>32

Table S1. Information of the strains used in this work. The information includes species, geographical origin, presence or absence of pSCFS7 plasmids or mutations in the domain V. MICs were tested according to the CLSI guidelines.

ND: not determined

Figure S1: Geographical distribution of the 22 hospitals included in this study.



Product	Primer	Sequence	Annealing temperature (°C)	Amplicon size (bp)	Reference
p12-0032	p12-0032-FW	TCGCATTGGTTATTTGTTTATTC	56	3908	This study
	p12-0032-RV	GTAGGACATAAAGCAGCAAAAATG			
pSCSF3	pSCSF3-FW	GGTGGCTGATGAACTCGATGAT	59	2096	This study
	pSCSF3-RV	TTGTACCTTGGAGCAGGAACTG			
pSCSF6	lsaB-fw	CGTCTTACGAGCTTCAGTATCTAA	58	2738	This study
	cfr-fw	TGAAGTATAAAGCAGGTTGGGAGTCA			
pERGB	ERGB-fw	ACGGGCCAGTTTGTGAAGATTAG	58	3106	This study
	ERGB-rv	ACCATTAAGCTGAACCCCTTATCT			
IS21	frg2AF	GGGGACATCACGACCGAAAAG	60	564	[1]
	frg2BR	GACGAGACACTGGCGAAATAAACC			
<i>tnpA</i>	<i>tnpA</i> -fw	GGTTCAGAAAAGTAATTGTGGAGGA	58	930	[1]
	<i>tnpA</i> -rv	TGTGGCATGCGTATGACGTA			
<i>tnpB</i>	<i>tnpB</i> -fw	GGAACAGTGATAAGCCGGATG	58	1419	[1]
	<i>tnpB</i> -rv	ACATGGTCCTGCAATTACTGGTA			
<i>tnpC</i>	<i>tnpC</i> -fw	CAGCTAGCTAAAGACAAGTCGGA	60	289	[1]
	<i>tnpC</i> -rv	GTTCACTCTCTTCTTAACGCCTT			
<i>fexA</i>	<i>fexA</i> -fw	GTACTTGTAGGTGCAATTACGGCTGA	58	1272	[1]
	<i>fexA</i> -rv	CGCATCTGAGTAGGACATAGCGTC			

Table S2. Primers used to determine the alternative *cfr*-carrying plasmids and *cfr*-vector related genes

Strain	Species	IS21	<i>tnpA</i>	<i>tnpB</i>	<i>tnpC</i>	<i>fexA</i>
1	<i>S. hominis</i>	+	-	-	-	-
3	<i>S. hominis</i>	+	-	-	-	-
4	<i>S. aureus</i>	+	+	+	+	+
9	<i>S. epidermidis</i>	+	+	+	+	-
34	<i>S. epidermidis</i>	+	+	-	+	-
35	<i>S. epidermidis</i>	-	-	-	-	-

Table S3: Analysis of the presence of classical *cfr* vectors-related genes among the *cfr*-positive pSCSF7-negative strains. Results of PCR analysis for the detection of IS21 sequences, Tn558 associated genes (*tnpA*, *tnpB* and *tnpC*) and the florfenicol exporter *fexA* are presented.

References:

1. Kehrenberg C, Schwarz S. Distribution of florfenicol resistance genes *fexA* and *cfr* among chloramphenicol-resistant *Staphylococcus* isolates. *Antimicrob Agents Chemother* 2006; 50:1156-63.