

Table S1. Sequences of primers and PCR conditions used for the amplification of antimicrobial resistance, DNA gyrase, topoisomerase IV, and staphylococcal enterotoxin genes.

Target Genes	Primer Name	Sequences (5'→3')	Amplicon Size (bp)	Ref.		
<i>mecA</i>	mecA-F	GTAGAAATGACTGAACGTCCGATAA	310	[56]		
	mecA-R	CCAATTCCACATTGTTTCGGTCTAA				
PCR conditions: 94 °C 5 min + 28 × (94 °C 30 s + 58 °C 45 s + 72 °C 1 min) + 72 °C 5 min						
<i>ccr</i> gene complex	ccrA1-609-628	CAAGCCTTATCAGGTACGAA		[57]		
	ccrA2-1136-1155	CATTACGTCAACAACCGCAA				
	ccrA3-1106-1127	CTGAATCATTGAGAAAACAGAC				
	ccrA4-1121-1141	GTCCTAAAACAGCAACAAATGA				
	ccrB1-375-356	GAGCATTAACTTGCCTGTTG				
	ccrB2-72-51	CCTTCTGTGCTTGCATTTC				
	ccrB3-223-204	GACCTTCGTCGCATCTTTT				
	ccrB4-68-49	GGTTACAGTATTCAAGGTCAAT				
	ccrB6-505-481	CTGGTATGTTATTATATCCTAAAG				
	ccrC-181-202	GCAATGAAACGTCTATTACAAG				
ccrC-382-361	CAAACATTGTAACGAGTACTTC					
PCR conditions: 94 °C 5 min + 28 × (94 °C 10 s + 56 °C 20 s + 72 °C 40 s) + 72 °C 5 min						
<i>mec</i> gene complex	mecA_univ-149-126	CTGCTATCTTTATAAACTTGTTG				
	mecA_E-758-737	ACATAACCTAAAAGGTGACTG				
	mecR1_B-987-966	TCATGTGAAGCTCGATATACT				
	mecR1_E-121-98	ACCAAACCTTATGATTAACTGAG				
	mecR1_A-1110-1087	TTCATTATAAAGCACAAAACCTCC				
	IS431_C2-103-82	GTTGAATGATGAACGTTTACAC				
	IS431_C1-254-275	GGGACATACATTAGATATTTGG				
PCR condition: 94 °C 5 min + 28 × (94 °C 10 s + 56 °C 20 s + 72 °C 1 min) + 72 °C 5 min						
<i>tet</i> (K)	pAT102	TCGATAGGAACAGCAGTA CAGCAGATCCTACTCCTT	169	[58]		
<i>tet</i> (L)	pVB.A15	TCGTTAGCGTGCTGTCATTC GATTCCCACCAATGTAGCCG	267			
<i>tet</i> (M)	pJ13	GTGGACAAAGGTACAACGAG CGGTAAAGTTCGTACACAC	406			
<i>tet</i> (O)	pUOA1	AACTTAGGCATTCTGGCTCAC TCCCACTGTTCCATATCGTCA	515			
<i>tet</i> (S)	pAT451	CATAGACAAGCCGTTGACC ATGTTTTTGGAACGCCAGAG	667			
PCR condition: 94 °C 5 min + 35 × (94 °C 1 min + 55 °C 1 min + 72 °C 1 min) + 72 °C 5 min						
<i>gyrA</i>	gyrA-F	AATGAACAAGGTATGACACC	368			
	gyrA-R	GCGATACCTGATGCACCATT				
PCR condition: 95 °C 5 min + 28 × (95 °C 30 s + 50 °C 30 s + 72 °C 40 s) + 72 °C 5 min						
<i>gyrB</i>	gyrB-agnetis-F	TCTGAACTCTTTGAGCGTTT	456	this study		
	gyrB-agnetis-R	AATATGTGCACCATCGACAT				
	PCR condition: 95 °C 5 min + 28 × (95 °C 30 s + 52 °C 30 s + 72 °C 40 s) + 72 °C 5 min					
	gyrB-chromogenes-F	AGTTTACCAGGGAAGTTAGC	195			
	gyrB-chromogenes-R	AAATGCAGTGACCATTGAC				
	PCR condition: 95 °C 5 min + 28 × (95 °C 30 s + 51 °C 30 s + 72 °C 40 s) + 72 °C 5 min					
		gyrB-simulans-F	CCTCTCGTGACGTATCGCA		300	
		gyrB-simulans-R	TGATATGCGCACCATCCACA			
PCR condition: 95 °C 5 min + 28 × (95 °C 30 s + 48 °C 30 s + 72 °C 40 s) + 72 °C 5 min						

<i>parC</i>	gyrB-lentus-F	AGAGCTCGTCTAGCAGCGAA	681
	gyrB-lentus-R	CGTTTCGTGACGTTCTATCGC	
	PCR condition: 95 °C 5 min + 28 × (95 °C 30 s + 54 °C 30 s + 72 °C 40 s) + 72 °C 5 min		
	parC-agnetis-F	TTGGTGATCGATTGGGCGT	180
	parC-agnetis-R	CGTGGAGCCATTCACTAGCA	
	PCR condition: 95 °C 5 min + 28 × (95 °C 30 s + 54 °C 30 s + 72 °C 40 s) + 72 °C 5 min		
	parC - chromogenes-F	ACTTGAAGATGTTTTAGGTGAT	459
	parC - chromogenes-R	TTAGGAAATCTTGATGGCAA	
	PCR condition: 95 °C 5 min + 28 × (95 °C 30 s + 48 °C 30 s + 72 °C 40 s) + 72 °C 5 min		
	parC -simulans-F	GAGTGCCAAAACAGTCGGTG	362
	parC -simulans-R	TGTGCGGCGGAATATCTGTC	
	PCR condition: 95 °C 5 min + 28 × (95 °C 30 s + 54 °C 30 s + 72 °C 40 s) + 72 °C 5 min		
<i>parE</i>	parC -lentus-F	ATCCAAGACCGAGCACTTCC	575
	parC -lentus-R	CCGGTAGGGAAATCAGGTCC	
	PCR condition: 95 °C 5 min + 28 × (95 °C 30 s + 54 °C 30 s + 72 °C 40 s) + 72 °C 5 min		
	parE-F	CGATTAAAGCACACAAGCAAG	393
	parE-R	GCGCACCATCAGTATCAG	
PCR condition: 95 °C 5 min + 28 × (95 °C 30 s + 48 °C 30 s + 72 °C 40 s) + 72 °C 5 min			
<i>sea</i>	SEA-F	CAGCATACTATATTGTTTAAAGGC	400
	SEA-R	CCTCTGAACCTTCCCATC	
<i>sed</i>	SED-F	CTAGTTTGGTAATATCTCCTTTAAACG	319
	SED-R	TTAATGCTATATCTTATAGGGTAAACATC	
<i>see</i>	SEE-F	CAGTACCTATAGATAAAGTTAAAACAAGC	178
	SEE-R	TAACCTACCGTGGACCCTTC	
PCR condition: 95 °C 3 min + 33 × (95 °C 30 s + 53 °C 45 s + 72 °C 45 s) + 72 °C 5 min			
<i>seb</i>	SEB-F	GATTGGTGGTGTAAGTGAAGCA	351
	SEB-R	TCAATCTTCACATCTTAGAATCA	
<i>sec</i>	SEC-F	CTCAAGAACTAGACATAAAAGCTAGG	271
	SEC-R	TCAAAATCGGATTAACATTATCC	
<i>tst1</i>	TSST-F	ATGGCAGCATCAGCTTGATA	350
	TSST-R	TTTCCAATAACCACCCGTTT	
<i>seg</i>	SEG-F	AAGTAGACATTTTTGGCGTTCC	287
	SEG-R	AGAACCATCAAACCTCGTATAGC	
<i>seh</i>	SEH-F	GTCTATATGGAGGTACAACACT	213
	SEH-R	GACCTTTACTTATTTGCTGTC	
<i>sei</i>	SEI-F	GGTGATATTGGTGTAGGTAAC	454
	SEI-R	ATCCATATTCTTTGCCTTACCAG	
<i>selj</i>	SEJ-F	ATAGCATCAGAACTGTTGTCCG	152
	SEJ-R	CTTCTGAATTTTACCACCAAAGG	
<i>sek</i>	SEK-F	TAGGTGTCTCTAATAATGCCA	293
	SEK-R	TAGATATTCGTTAGTAGCTG	
<i>sell</i>	SEL-F	TAACGGCGATGTAGGTCCAGG	383
	SEL-R	CATCTATTTCTTGTGCGGTAAC	
<i>sem</i>	SEM-F	GGATAATTCGACAGTAACAG	379
	SEM-R	TCCTGCATTAAATCCAGAAC	
<i>sen</i>	SEN-F	CATCATGCTTATACGGAGGAG	301
	SEN-R	CCCACGAACCTTTTACGTT	
<i>seo</i>	SEO-F	TGTGTAAGAAGTCAAGTGTAG	214
	SEO-R	TCTTTAGAAATCGCTGATGA	
<i>sep</i>	SEP-F	TGATTTATTAGTAGACCTTGG	381
	SEP-R	ATAACCAACCGAATCACCAG	
<i>seq</i>	SEQ-F	TCAAGGAGTTAGTTCTGGAAATT	251
	SEQ-R	GCTTACCATTGACCCAGAGA	
<i>ser</i>	SER-F	GGATAAAGCGGTAATAGCAG	166

[60,61]

	SER-R	GTATTCAAACACATCTAAC	
	SEU-F	ATCAGAAACAAACATTAAAGCCCA	
<i>selu</i>	SEU-R	TGACCATTTCCTTCGATAAACTTAT	500
PCR condition: 95 °C 3 min + 33 × (95 °C 30 s + 51 °C 45 s + 72 °C 45 s) + 72 °C 5 min			