

Table S1. Primer pairs used for molecular typing and detection of antimicrobial resistance genes in MRSA strains.

Target gene	Primer sequence (5'-3')	Amplicon size (bp)	Reference
Antimicrobial resistance			
<i>mecA</i>	F: GGGATCATAGCGTCATTATTC	527	[1]
	R: AACGATTGTGACACGATAGCC		
	R: AGACCCGGGAACGTATTAC		
<i>blaZ</i>	F: CAGTTCACATGCCAAAGAG	772	[2]
	R: TACACTCTTGGCGGTTTC		
<i>erm(A)</i>	F: TCTAAAAAGCATGTAAAAGAA	645	[3]
	R: CTTGATAGTTTATTAATATTAG		
<i>erm(B)</i>	F: GAAAAGTACTCAACCAAATA	639	[4]
	R: AGTAACGGTACTTAAATTGTTTA		
<i>erm(C)</i>	F: TCAAAACATAATATAGATAAA	642	[3]
	R: GCTAATATTGTTTAAATCGTCAAT		
<i>erm(T)</i>	F: CCGCCATTGAAATAGATCCT	200	[5]
	R: TTCTGTAGCTGTGCTTTCAAAAA		
<i>msr(A/B)</i>	F: GCAAATGGTGTAGGTAAGACAACT	399	[6]
	R: ATCATGTGATGTAAACAAAAT		
<i>mph(C)</i>	F: ATGACTCGACATAATGAAAT	900	[2]
	R: CTACTCTTTCATACCTAACTC		

<i>lnuA</i>	F: GGTGGCTGGGGGGTAGATGTATTAAGTGG R: GCTTCTTTTGAATAACATGGTATTTTCGATC	323	[7]
<i>lnuB</i>	F: CCTACCTATTGTTTGTGGAA R: ATAACGTTACTCTCCTATTC	944	[8]
<i>vgaA</i>	F: AGTGGTGGTGAAGTAACACG R: GGTTCATACTCAATCGACTGAG	1264	[9]
<i>vgaB</i>	TGACAATATGAGTGGTGGTG GCGACCATGAAATTGCTCTC	576	[10]
<i>tet(K)</i>	F: TTAGGTGAAGGGTTAGGTCC R: GCAAACATCATCCAGAAGCA	697	[11]
<i>tet(L)</i>	F: CATTTGGTCTTATTGGATCG R: ATTACACTTCCGATTTCCG	456	[11]
<i>tet(M)</i>	F: GTTAAATAGTGTCTTGGAG R: CTAAGATATGGCTCTAACAA	576	[11]
<i>tet(O)</i>	F: GATGGCATAACAGGCACAGAC R: CAATATCACCAGAGCAGGCT	615	[11]
<i>aac(6)-Ie-aph(2')-Ia</i>	F: CCAAGAGCAATAAGGGCATA R: CACTATCATAACCACTACCG	220	[12]
<i>aph(3)-IIIa</i>	F: GCCGATGTGGATTGCGAAAA R: GCTTGATCCCCAGTAAGTCA	292	[12]

<i>ant(4)-Ia</i>	F: GCAAGGACCGACAACATTTTC R: TGGCACAGATGGTCATAACC	165	[12]
<i>str</i>	F: TATTGCTCTCGAGGGTTC R: CTTTCTATATCCATTCATCTC	646	[13]
<i>fexA</i>	F: GTACTTGTAGGTGCAATTACGGCTGA R: CGCATCTGAGTAGGACATAGCGTC	1272	[14]
<i>fexB</i>	F: TTCCCACTATTGGTGAAAGGAT R: GCAATTCCCTTTTATGGACGTT	816	[15]
<i>catpC194</i>	F: CGACTTTTAGTATAACCACAGA R: GCCAGTCATTAGGCCTAT	570	[13]
<i>catpC221</i>	F: ATTTATGCAATTATGGAAGTTG R: TGAAGCATGGTAACCATCAC	434	[13]
<i>catpC223</i>	F: GAATCAAATGCTAGTTTTAACTC R: ACATGGTAACCATCACATAC	283	[13]
Virulence			
<i>hla</i>	F: CTGATTACTATCCAAGAAATTCGATTG R: CTTTCCAGCCTACTTTTTTATCAGT	209	[16]
<i>hlb</i>	F: GTGCACTTACTGACAATAGTGC R: GTTGATGAGTAGCTACCTTCAGT	309	[16]
<i>hld</i>	F: AAGAATTTTTATCTTAATTAAGGAAGGAGTG	456	[16]

	R: TTAGTGAATTTGTTCAC TGTGTCGA		
<i>eta</i>	F: ACTGTAGGAGCTAGTGCATTTGT		
	R: TGGATACTTTTGTCTATCTTTTTCATCAAC	190	[16]
<i>etb</i>	F: CAGATAAAGAGCTTTATACACACATTAC		
	R: AGTGAAC T TATCTTTCTATTGAAAAACACTC	612	[16]
<i>tst</i>	F: TTCACTATTTGTAAAAGTGT CAGACCCACT		
	R: TACTAATGAATTTT TTTATCGTAAGCCCTT	180	[17]

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