Table 1. Primers 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			
mecA	F: GGGATCATAGCGTCATTATTC	527	[1]
	R: AACGATTGTGACACGATAGCC		
nuc	F: TCAGCAAATGCATCACAAACAG	255	[1]
	R: CGTAAATGCACTTGCTTCAGG		
rDNA 16S	F: GTGCCAGCAGCCGCGGTAA	886	[1]
	R: AGACCCGGGAACGTATTCAC		
blaZ	F: CAGTTCACATGCCAAAGAG	772	[2]
	R: TACACTCTTGGCGGTTTC		
***erm*(A)**	F: TCTAAAAAGCATGTAAAAGAA	645	[3]
	R: CTTCGATAGTTTATTAATATTAG		
***erm*(B)**	F: GAAAAGTACTCAACCAAATA	639	[3]
	R: AGTAACGGTACTTAAATTGTTTA		
***erm*(C)**	F: TCAAAACATAATATAGATAAA	642	[3]
	R: GCTAATATTGTTTAAATCGTCAAT		
***erm*(T)**	F: CCGCCATTGAAATAGATCCT	200	[4]
	R: TTCTGTAGCTGTGCTTTCAAAAA		
***erm*(Y)**	F: AGGCCCCTTTTAAAGACGAAGGCA	320	[4]
	R: GGCGCGATTGTTCATTTTAAGGCCC		
***msr*(A/B)**	F: GCAAATGGTGTAGGTAAGACAACT	399	[5]
	R: ATCATGTGATGTAAACAAAAT		
***mph*(C)**	F: ATGACTCGACATAATGAAAT	900	[2]
	R: CTACTCTTTCATACCTAACTC		
***lin*(B)**	F: CCTACCTATTGTTTGTGGAA	944	[6]
	R: ATAACGTTACTCTCCTATTC		
***vga*(B)**	F: TGACAATATGAGTGGTGGTG	579	[7]
	R: GCGACCATGAAATTGCTCTC		
***vga*(C)**	F: ACGAGGGGACAATCACGCCG	159	[4]
	R: TTGGTCGTCGGTTCGTCTGC		
	R: CAATATCACCAGAGCAGGCT		
aac(6')-Ie-aph(2'')-Ia	F: CCAAGAGCAATAAGGGCATA	220	[8]
	R: CACTATCATAACCACTACCG		
aph(3')-IIIa	F: GCCGATGTGGATTGCGAAAA	292	[8]
	R: GCTTGATCCCCAGTAAGTCA		
ant(4')-Ia	F: GCAAGGACCGACAACATTTC	165	[8]
	R: TGGCACAGATGGTCATAACC		
***fus*B**	F: CTATAATGATATTAATGAGATTTTTGG	431	[9]
	R: TTTTTACATATTGACCATCCGAATTGG		
***fus*C**	F: TTAAAGAAAAAGATATTGATATCTCGG	332	[9]
	R: TTTACAGAATCCTTTTACTTTATTTGG		
Virulence			
hla	F: CTGATTACTATCCAAGAAATTCGATTG	209	[10]
	R: CTTTCCAGCCTACTTTTTTATCAGT		
hlb	F: GTGCACTTACTGACAATAGTGC	309	[10]

	R: GTTGATGAGTAGCTACCTTCAGT		
eta	F: ACTGTAGGAGCTAGTGCATTTGT R: TGGATACTTTTGTCTATCTTTTTCATCAAC	190	[10]
etb	F: CAGATAAAGAGCTTTATACACACATTAC R: AGTGAACTTATCTTTCTATTGAAAAACACTC	612	[10]
tst	F: TTCACTATTTGTAAAAGTGTCAGACCCACT R: TACTAATGAATTTTTTTATCGTAAGCCCTT	180	[10]
***lukF*/*lukS*-PV**	F: ATCATTAGGTAAAATGTCTGGACATGATCCA R: GCATCAAGTGTATTGGATAGCAAAAGC	443	[11]
	Molecular typing		
spa	F: AGACGATCCTTCGGTGAGC R: GCTTTTGCAATGTCATTTACTG	Variable	[12]
arcC	F: TTGATTCACCAGCGCGTATTGTC R: AGGTATCTGCTTCAATCAGCG	456	[13]
aroE	F: ATCGGAAATCCTATTTCACATTC R: GGTGTTGTATTAATAACGATATC	456	[13]
glpF	F: CTAGGAACTGCAATCTTAATCC R: TGGTAAAATCGCATGTCCAATTC	465	[13]
gmk	F: ATCGTTTTATCGGGACCATC R: TCATTAACTACAACGTAATCGTA	429	[13]
pta	F: GTTAAAATCGTATTACCTGAAGG R: GACCCTTTTGTTGAAAAGCTTAA	474	[13]
tpi	F: TCGTTCATTCTGAACGTCGTGAA R: TTTGCACCTTCTAACAATTGTAC	402	[13]
yquiL	F: CAGCATACAGGACACCTATTGGC R: CGTTGAGGAATCGATACTGGAAC	516	[13]
***agr*I**	F: GTCACAAGTACTATAAGCTGCGAT R: ATGCACATGGTGCACATGC	440	[14]
***agr*II**	F: GTATTACTAATTGAAAAGTGCCATAGC R: ATGCACATGGTGCACATGC	572	[14]
***agr*III**	F: CTGTTGAAAAAGTCAACTAAAAGCTC R: ATGCACATGGTGCACATGC	406	[14]
***agr*IV**	F: CGATAATGCCGTAATACCCG R: ATGCACATGGTGCACATGC	656	[14]
SCC*mec* I	F: GCTTTAAAGAGTGTCGTTACAGG R: GTTCTCTCATAGTATGACGTCC	613	[15]
SCC*mec* II	F: CGTTGAAGATGATGAAGCG R: CGAAATCAATGGTTAATGGACC	398	[15]
SCC*mec* III	F: CCATATTGTGTACGATGCG R: CCTTAGTTGTCGTAACAGATCG	280	[15]
SCC*mec* IVa	F: GCCTTATTCGAAGAAACCG R: CTACTCTTCTGAAAAGCGTCG	776	[15]
SCC*mec* IVb	F: TCTGGAATTACTTCAGCTGC R: AAACAATATTGCTCTCCCTC	493	[15]
SCC*mec* IVc	F: ACAATATTTGTATTATCGGAGAGC R: TTGGTATGAGGTATTGCTGG	200	[15]
SCCmec IVd	F: CTCAAAATACGGACCCCAATACA R: TGCTCCAGTAATTGCTAAAG	881	[15]

SCCmec V	F: GAACATTGTTACTTAAATGAGCG R: TGAAAGTTGTACCCTTGACACC	325	[15]

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