

Table 1 Primers for the PCR detection of antimicrobial-resistance determinants used in this study.

Target	Primer sequence(5'-3')	Amplicon size(bp)	Reference
<i>bla</i> _{CTX-M-1} group	F: GGTAAAAAATCACTGCGTC R: TTACAAACCGTCGGTGACGA	873	(17)
<i>bla</i> _{CTX-M-9} group	F: AGAGTGCAACGGATGATG R: CCAGTTACAGCCCTTCGG	868	(17)
<i>bla</i> _{CTX-M-2/8/25} group	F: ACCGAGCCSACGCTCAA R: CCGCTGCCGGTTTTATC	221	(17)
<i>bla</i> _{TEM}	F: ATGAGTATTCAACATTTCCG R: CCAATGCTTAATCAGTGAGG	1080	(21)
<i>bla</i> _{OXA}	F: ATTAAGCCCTTTACCAAACCA R: AAGGGTTGGGCGATTTTGCCA	890	(22)
<i>bla</i> _{VIM}	F: AGTGGTGAGTATCCGACAG R: ATGAAAGTGCGTGGAGAC	509	(24)
<i>bla</i> _{CMY}	F: GTGGTGGATGCCAGCATCC R: GGTCGAGCCGGTCTTGTTGAA	915	(21)
<i>bla</i> _{SHV}	F: TTATCTCCCTGTTAGCCACC R: GATTTGCTGATTCGCTCGG	795	(21)
<i>Int11</i>	F: ACATGTGATGGCGACGCACGA R: ATTTCTGTCTGGCTGGCGA	569	(20)
<i>Int12</i>	F: CACGGATATGCGACAAAAAGGT R: GTAGCAAACGAGTGACGAAATG	789	(20)
Class 1 integron variable region	hep58: TCATGGCTTGTTATGACTGT hep59: GTAGGGCTTATTATGCACGC	Variable	(17)
Class 2 integron variable region	hep74: CGGGATCCCGGACGGCATGCACG ATTTGTA hep51: GATGCCATCGCAAGTACGAG	Variable	(16)
<i>gyrA</i>	F: TACACCGGTCAACATTGAGG	648	(25)

	R: TTAATGATTGCCGCCGTCGG		
<i>gyrB</i>	F: TGAAATGACCCGCCGTAAAGG R: GCTGTGATAACGCAGTTTGTCCGGG	309	(25)
<i>parC</i>	F: GTACGTGATCATGGACCGTG R: TTCGGCTGGTCGATTAATGC	531	(25)
<i>parE</i>	F: ATGCGTGCGGCTAAAAAAGTG R: TCGTCGCTGTCAGGATCGATAC	290	(25)
<i>qnrA</i>	F: ATTTCTCACGCCAGGATTTG R: GATCGGCAAAGGTYAGGTCA	516	(26)
<i>qnrB</i>	F: GATCGTGAAAGCCAGAAAGG R: ACGAYGCCTGGTAGTTGTCC	469	(26)
<i>qnrD</i>	F: CGAGATCAATTTACGGGGAATA R: AACAAAGCTGAAGCGCCTG	656	(21)
<i>qnrS</i>	F: ACGACATTCGTCAACTGCAA R: TAAATTGGCACCCCTGTAGGC	417	(26)
<i>aac(6')-Ib-cr</i>	F: GCAACGCAAAAACAAAGTTAGG R: GTGTTTGAACCATGTACA	560	(23)
