Table S1. Primers for amplification of resistance genes used in this study.

Antimicrobial classes	Gene	Primer sequences (5′-3′)	Size (bp)	Reference
Sulfonamides	*sul I* -F	TGCAGGCTGGTGGTGGTTA	425	[1]
	sul I -R	CGCGTGGGTGCGGACGT		
	sul II -F	CATTCCCGTCTCGCTCGA	435	[1]
	sul II -R	GCGCGCAGAAAGGATTT		
Tetracyclines	*tetA*-F	TCGCTTGCCGCATTT	474	[1]
	tetA-R	CGCGTATAGCTTGCCG		
	tetB-F	GACACTCTATCATTGAT	571	[1]
	tetB-R	GACAATATTTAGCAACG		
Chloramphenicols	*cat1*-F	AGTGGAATAACGAACGAGC	470	[2]
	cat1-R	TCAGCAAGCGATATACGCAG		
	floR-F	CTGAGGGTGTCGTCATCTAC	637	[2]
	floR-R	GCTCCGACAATGCTGACTAT		
Aminoglycosides	*aadA1*-F	TTTGCTGGTTACGGTGAC	497	[3]
	aadA1-R	GCTCCATTGCCCAGTCG		
	Aaca(3)-Ia-F	GCTCCATTGCCCAGTCG	436	[1]
	Aaca(3)-Ia-R	TGAGGGCTGCTCTTGATCTT		
	strA-F	CCAATCGCAGATAGAAGGC	548	[3]
	strA-R	ATCGTCAAGGGATTGAAACC		
Fluoroquinolones	*qnrA*-F	AGAGGATTTCTCACGCCAGG	580	[4]
	qnrA-R	TGCCAGGCACAGATCTTGAC		
	qnrB-F	GGMATHGAAATTCGCCACTG	264	[4]
	qnrB-R	TTTGCYGYYCGCCAGTCGAA		
	qnrS-F	GCAAGTTCATTGAACAGGGT	428	[4]
	qnrS-R	TCTAAACCGTCGAGTTCGGCG		
	aac (6')-Ib-F	TTGCGATGCTCTATGAGTGGCTA	482	[4]
	aac (6')-Ib-R	CTCGAATGCCTGGCGTGTTT		
β-Lactams	*bla* $_{TEM}$-F	ATGAGTATTCAACATTTCCG	964	[5]
	bla $_{TEM}$-R	ACCAATGCTTAATCAGTGAG		
	bla $_{PSE}$-F	AATGGCAATCAGCGCTTCCC	598	[5]
	bla $_{PSE}$-R	GGGGCTTGATGCTCACTACA		
	bla $_{SHV}$-F	TTCGCCTGTGTATTATCTCCCTG	854	[5]
	bla $_{SHV}$-R	TTAGCGTTGCCAGTGCTCG		
	bla $_{CTX-M}$-F	TTTGCGATGTGCAGTACCAGTAA	544	[6]
	bla $_{CTX-M}$-R	CGATATCGTTGGTGGTGCCATA		

Table S2. Primers for amplification of virulence genes used in this study.

Gene	Location	Primers sequence（5′—3′）	Size (bp)	Reference
avrA	SPI-1	F: CCTGTATTGTTGAGCGTCTGG R: AGAAGAGCTTCGTTGAATGTCC	422	[7]
ssaQ	SPI-2	F: GAATAGCGAATGAAGAGCGTCC R: CATCGTGTTATCCTCTGTCAGC	455	[7]
mgtC	SPI-3	F: TGACTATCAATGCTCCAGTGAAT R: ATTTACTGGCCGCTATGCTGTTG	677	[7]
siiD	SPI-4	F: GAATAGAAGACAAAGCGATCATC R: GCTTTGTCCACGCCTTTCATC	655	[7]
sopB	SPI-5	F: TCAGAAGGCGTCTTACCACTC R: TACCGTCCTCATGCACACTC	1231	[7]
spvC	Plasmid	F: CCATCTACAAATAAGCACCTGA R: CATTTCGCCACCATCACG	597	[8]
spvR	Plasmid	F: GGCACTCTTATCCCAACCG R: TAACATCGCCAGCCCTTG	555	[8]
stn	Enterotoxin	F: ATTGAGCGCTTTAATCTCCT R: GCTGTTGAATCTGTACCTGA′	543	[2]
fimA	Fimbrial	F: CACTAAATCCGCCGATCAAACG R: AAAGGTGGCGTCGGCATTA	394	[8]

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