Table S1. Primer sets used in this study and their target ARGs and antibiotic classification

Antibiotics	ARG	Forward primer (5′-3′)	Reverse primer (5′-3′)	Reference
Aminoglycoside	*aac*(3)-*IVa*	CGTCGCCGAGCAACTTG	CGGTACCTTGCCTCTCAAACC	[54]
β-Lactams	*bla*TEM-1	TTGACGCCGGGCAAGA	TGCTTTTCTGTGACTGGTGAGTACT	[54]
	*bla*PSE-1	TTGTGACCTATTCCCCTGTAATAGAA	TGCGAAGCACGCATCATC	[41]
Chloramphenicol	*flo*	ATTGTCTTCACGGTGTCCGTTA	CCGCGATGTCGTCGAACT	[41]
Glycopeptide	*van*C	ACAGGGATTGGCTATGAACCAT	TGACTGGCGATGATTTGACTATG	[41]
Macrolide	*erm*(B)	TAAAGGGCATTTAACGACGAAACT	TTTATACCTCTGTTTGTTAGGGAATTGAA	[41]
Phenicol	catIII	GCACTCGATGCCTTCCAAAA	AGAGCCGATCCAAACGTCAT	[41]
Sulfonamide	*sulI*	CAGCGCTATGCGCTCAAG	ATCCCGCTGCGCTGAGT	[41]
Tetracycline	*tetA*	CTCACCAGCCTGACCTCGAT	CACGTTGTTATAGAAGCCGCATAG	[54]
Trimethoprim	*dhfrI*	GGAATGGCCCTGATATTCCA	AGTCTTGCGTCCAACCAACAG	[41]
Normalization				
16S rRNA	-	*GGGTTGCGCTCGTTGC*	*ATGGYTGTCGTCAGCTCGTG*	[41]