Supplementary File S3. Primers sequences for the antimicrobial resistance genes, along with the amplification product size, annealing temperature, positive control, and their corresponding references.

Group	Gene	Sequence	Size (bp)	Pairing temperature (°C)	Positive control	Reference
Estreptomycin	*aadA1*	for 5' CATCATGAGGGAAGCGGTG rev 5' GACTACCTTGGTGATCTCG	786	50	EcL 3482	[31]
Tetracycline	*tetA*	for 5' GTGAAACCCAACATACCCC rev 5' GAAGGCAAGCAGGATGTAG	888	50	EcL 3482	
	tetB	for 5' CCTTATCATGCCAGTCTTGC rev 5' ACTGCCGTTTTTTCGCC	774	55	EcL 12400	
Tetracycline	*tetC*	for 5' ACTTGGAGCCACTATCGAC rev 5'CTACAATCCATGCCAACCC	881	50	PBR 322	[32]
Ceftiofur	*bla*$_{CMY-2}$	for 5' TGATGCAGGAGCAGGCTATTCC rev 5' CTAACGTCATCGGGGATCTGC	323	63	EcL 3482	[33]
Ampicillin	*bla*$_{TEM}$	for 5' TTGCTCACCCAGAAACGCTGGTG rev 5' TACGATACGGGAGGGCTTACC	708			
Ampicillin	*bla*$_{SHV}$	for 5' CGCCGGGTTATTCTTATTTGTCGC rev 5' TCTTTCCGATGCCGCCGCCAGTCA	1016		PMON38	[34]
Ampicillin	*bla*$_{OXA}$	for 5' CGCAAATGGCACCAGATTCAAC rev 5' TCCTGCACCAGTTTTCCCATACAG	464		EcL 12572	[33]
Ceftriaxone	*bla*$_{CTX-M}$	for 5' ATGTGCAGYACCAGTAARGTKATGGC rev 5' TGGGTRAARTARGTSACCAGAAYCAGCGG	593		CTX-M-15	[33]
Trimethoprim-sulfamethoxazole	*dhfr I*	for 5' AAGAATGGAGTTATCGGGAATG rev 5' GGGTAAAAACTGGCCTAAAATTG	391	50	EcL 3482	[35]
	dhfr V	for 5' CTGCAAAAGCGAAAAACGG rev 5' AGCAATAGTTAATGTTTGAGCTAAAG	432	50	EcL 1329	
	dhfr VII	for 5' GGTAATGGCCCTGATATCCC rev 5' TGTAGATTTGACCGCCACC	265	50	3B-0	
Quinolone (NAL, CIP)	*qnrB*	for 5' ACGATGCCTGGTAGTTGTCC rev 5' ACGACATTCGTCAACTGCAA	469	53	298	[36]