

**Table S1.** List of primers and primer sequences used for detection of antimicrobial associated resistance mechanism.

Antibiotic	Method	Primer	Primer Sequence (5'-3')	Annealing Temp. (°C)	Amplicon length (bp)	Reference
Rifampin	(rpoB) PCR	rpoB_M1-2	Fr- CAA GAC TGT CAC CTA TAC CCG T Rw- TGC GGA TAT ACG CAC CGA TAT	63	400	This study
		rpoB_M3	Fr- AGT ATC GCG TCG GTC TGC TCC GC Rw- ATC GAC AAC CTT GCG ATA CG	60	401	This study
		rpoB_M4	Fr- GCA TGG AAC CGA TCG TCG Rw- GAA TCG AGG TGA ACA CGT CG	63	400	This study
		rpoB_M5	Fr- GAA ATC GAG CGT CTG GCC AA Rw- TGG ATC TTG CGC TTC ACA G	58	400	This study
		rpoB_M6	Fr- CCG GTC TTC GAC GGT GCG G Rw- CTG CAG CGT GTA GGC CGC	60	300	This study
		+354rB -720rB	Fr- TGC GAA GTC CAT CAA GGA CAT Rw- ACG GGT ATA GGT GAC AGT CTT G	60	367	[49]
Quinolones	gyrA PCR	+4651Bru_gyrA -5589Bru_gyrA	Fr- TGC AGC GGT CTT ATC TTG ATT Rw- CAA ACG AGG TCT GCA AAG G	55	1000	[53]
	gyrB PCR	gyrB QRDR	Fr- GTT GTC GAG AAG GTC ATT CAG G Rw- GCG TTG AAG CCG TGC GTT TC	55	360	[54]
Tetracyclines	tet(O) PCR	tetO	Fr- TTC TGG GCT TCT GTC GGG TTG T Rw- CTA TTC GGG CGG CGG GGT T	60	557	[61]
	tet(M) PCR	tetM	Fr- CGA GGT CCG TCT GAA CTT TGC G Rw- GCG GCA CTT CGA TGT GAA TGG T	60	583	
	tet(A) PCR	tetA	Fr- TCG TCG CCG CCC TGA TGG Rw- GCC GCA TAG ATC GCC GTG AAG	60	451	
	tet(B) PCR	tetB	Fr- ATC GGG TCC CTG GTA GCA ATG G Rw- AGT CCT CCG CAA AGG GTT CCA A	60	371	
Chloramphenicol	cat(B) PCR	catB	Fr- AGC CTC TCA GCG AAC AGG TCA A Rw- AGT CCC ACC ACG CCA TTT CCA	60	507	[61]
Aminoglycosides	Aac PCR	Aac	Fr- TGG AGC ACT GGC GCG GAT T Rw- GAA AAC CAC GGG CGA ACT GTC A	60	200	[61]
	Aac(6')-Ib PCR	Aac(6')-Ib	Fr- AGA AGA AGC ACG CCC GAC ACT Rw- GTT CCC AAG CCT TTG CCC AGT T	60	237	
	Aac(3)-Ia PCR	Aac(3)-Ia	Fr- GAG TTC GGA GAC GTA GCC ACC T Rw- ATA GAG AGC CAC TGC GGG ATC G	60	324	
	Aac(6)-Ib-cr4 PCR	Aac(6)-Ib-cr4	Fr- CAA CAG CAC CGA TTC CGT CAC A Rw- GTT CCC AAG CCT TTG CCC AGT T	60	339	
	Ant(3)-Ia PCR	Ant(3)-Ia	Fr- TCA GAG GTA GTT GGC GTC ATC G Rw- GCG GCG AGT TCC ATA GCG TTA	60	490	