

**S1 Table. Primers used in detection of aminoglycoside-modifying enzymes (AME) and expected amplicon sizes**

Gene	Resistance phenotype		DNA sequence 5'-3'	Product (pb)	GenBank accession	Reference
<i>aac(6')-Ib</i>	Ak,K,Nt,To	<i>aac6'-Ib F</i>	TTGCGATGCTCTATGAGTGGCTA	482	M21682	[1]
		<i>aac6'-Ib R</i>	CTCGAATGCCTGGCGTGTTT			
<i>aac(3)-IIa</i>	Gm,Nt,To	<i>aac3-IIa F</i>	GGCAATAACGGAGGCGCTTCAAAA	563	X13543	[1]
		<i>aac3-IIa R</i>	TTCCAGGCATCGGCATCTCATACG			
<i>aac(3)-Ia</i>	Gm	<i>aac3-Ia F</i>	GCAGTCGCCCTAAAACAAA	464	X15852	[1]
		<i>aac3-Ia R</i>	CACTTCTCCCGTATGCCCAACTT			
<i>aac(3)-IVa</i>	Ap,Gm,Nt,To	<i>aac3-IVa F</i>	TCGGTCAGCTTCTCAACCTT	314	X01385	[1]
		<i>aac3-IVa R</i>	GATGATCTGCTCTGCCTGTG			
<i>ant(2'')-Ia</i>	Gm,K,To	<i>ant2'' -Ia F</i>	ACGCCGTGGGTCGATGTTTGATGT	572	X04555	[1]
		<i>ant2'' -Ia R</i>	CTTTTCCGCCCCGAGTGAGGTG			
<i>ant(4')-IIa</i>	Ak,K,To	<i>ant4'-IIa F</i>	CCGGGGCGAGGCGAGTGC	423	M98270	[1]
		<i>ant4'-IIa R</i>	TACGTGGGCGGATTGATGGGAACC			
<i>aph(3')-Ia</i>	K,Nm	<i>aph3'-Ia F</i>	CGAGCATCAAATGAAACTGC	624	V00359	[1]
		<i>aph3'-Ia R</i>	GCGTTGCCAATGATGTTACAG			
<i>aph(3')-IIa</i>	K,Nm	<i>aph3'-IIa F</i>	GAACAAGATGGATTGCACGC	680	V00618	[2]
		<i>aph3'-IIa R</i>	GCTCTTCAGCAATATCACGG			
<i>armA</i>	Ak,Ab,Gm,K,Nt,To	<i>armA-F</i>	CAAATGGATAAGAATGATGTT	777	AF550415	[3]
		<i>armA-R</i>	TTATTTCTGAAATCCACT			
<i>rmtB</i>	Ak,Ab,Gm,K,Nt,To	<i>rmtB-F</i>	TCAACGATGCCCTCACCTC	459	AB103506	[4]
		<i>rmtB-R</i>	GCAGGGCAAAGGTAATAATCC			
<i>rmtC</i>	Ak,Ab,Gm,K,Nt,To	<i>rmtC-F</i>	CGAAGAAGTAACAGCCAAAG	711	AB194779	[5]

Ak, amikacin; Ap, apramycin; Ab, arbekacin; Gm, gentamicin; K, kanamycin; Nm, neomycin; Nt, netilmicin; To, tobramycin.

## References

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