Center for Genomic Epidemiology



Home Services Instructions Output Overview of genes Article abstract

1647621.cgebase.cbs.dtu.dk

ResFinder-2.1 Server - Results

Aminoglycoside							
Resistance gene	%Identity	HSP length/Query	Contig	Position in contig	Predicted phenotype	Accession number	
aac(6')-li	99.64	549 / 549	tig00000001_pilon	24719102472458		<u>L12710</u>	

Beta-lactam

No resistance genes found.

Colistin

No resistance genes found.

Fluoroquinolone

No resistance genes found.

Fosfomycin

No resistance genes found.

Fusidic Acid

No resistance genes found.

Glycopeptide							
Resistance gene	%Identity	HSP length/Query	Contig	Position in contig	Predicted phenotype	Accession number	
VanH	91.85	969 / 969	tig00000021_pilon	3740338371		<u>1_Y15705</u>	
VanA	93.51	1032 / 1032	tig00000021_pilon	3836439395	Vancomycin resistance (Glycopeptid resistance) VanA vancomycin resistance operon, (VanA, VanH-A, VanR-A, VanS-A, VanX-A, VanY-A and VanZ-A)	<u>1_Y15704</u>	
VanX	96.79	249 / 249	tig00000021_pilon	3940139649		<u>1_Y15708</u>	
VanHAX	100.00	2607 / 2607	tig00000021_pilon	49807586		<u>M97297</u>	

MLS - Macrolide, Lincosamide and Streptogramin B							
Resistance gene	%Identity	HSP length/Query	Contig	Position in contig	Predicted phenotype	Accession number	
msr(C)	98.99	1479 / 1479	tig00000001_pilon	743512744990	Macrolide, Lincosamide and Streptogramin B resistance	<u>AY004350</u>	

Nitroimidazole

No resistance genes found.

Oxazolidinone

No resistance genes found.

Phenicol

No resistance genes found.

Rifampicin No resistance genes found. Sulphonamide No resistance genes found. **Tetracycline** No resistance genes found. **Trimethoprim** No resistance genes found. extended output Results as text Results tab separated Hit in genome sequences Resistance gene sequences Selected %ID threshold: 90.00 % Selected minimum length: 60 % Input Files: pilon.fasta **CITATIONS** For publication of results, please cite: • Identification of acquired antimicrobial resistance genes. Zankari E, Hasman H, Cosentino S, Vestergaard M, Rasmussen S, Lund O, Aarestrup FM, Larsen MV. J Antimicrob Chemother. 2012 Jul 10. PMID: <u>22782487</u> doi: 10.1093/jac/dks261

Support

Scientific problems

Technical problems

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