

File S1: Antibigram analysis

1) In silico data analysis.

Antimicrobial	Class	WGS-predicted phenotype	Match	Genetic background
Ceftriaxone	beta-lactam	No resistance	0	
ampicillin+clavulanic acid	beta-lactam	No resistance	0	
piperacillin+clavulanic acid	beta-lactam	No resistance	0	
cephalothin	beta-lactam	No resistance	0	
ticarcillin+clavulanic acid	beta-lactam	No resistance	0	
cefoxitin	beta-lactam	No resistance	0	
ampicillin	beta-lactam	No resistance	0	
ceftazidime	beta-lactam	No resistance	0	
amoxicillin+clavulanic acid	beta-lactam	No resistance	0	
piperacillin	beta-lactam	No resistance	0	
cefepime	beta-lactam	No resistance	0	
penicillin	beta-lactam	No resistance	0	
ertapenem	beta-lactam	No resistance	0	
ceftazidime+avibactam	beta-lactam	No resistance	0	
imipenem	beta-lactam	No resistance	0	
cephalotin	beta-lactam	No resistance	0	
meropenem	beta-lactam	No resistance	0	
aztreonam	beta-lactam	No resistance	0	
temocillin	beta-lactam	No resistance	0	
cefotaxime+clavulanic acid	beta-lactam	No resistance	0	
cefixime	beta-lactam	No resistance	0	
amoxicillin	beta-lactam	No resistance	0	
ticarcillin	beta-lactam	No resistance	0	
unknown beta-lactam	beta-lactam	No resistance	0	
piperacillin+tazobactam	beta-lactam	No resistance	0	
cefotaxime	beta-lactam	No resistance	0	
sulfamethoxazole	folate pathway antagonist	No resistance	0	
trimethoprim	folate pathway antagonist	No resistance	0	
linezolid	oxazolidinone	No resistance	0	
lincomycin	lincosamide	No resistance	0	
clindamycin	lincosamide	No resistance	0	
chloramphenicol	phenicol	No resistance	0	
florfenicol	phenicol	No resistance	0	
unknown phenicol	phenicol	No resistance	0	
spectinomycin	aminocyclitol	No resistance	0	
tigecycline	tetracycline	No resistance	0	
doxycycline	tetracycline	No resistance	0	
tetracycline	tetracycline	No resistance	0	
unknown tetracycline	tetracycline	No resistance	0	
minocycline	tetracycline	No resistance	0	
colistin	polymyxin	No resistance	0	
fusidic acid	steroid antibacterial	No resistance	0	
mupirocin	pseudomonic acid	No resistance	0	

tiamulin	pleuromutilin	No resistance	0
nalidixic acid	fluoroquinolone	No resistance	0
unknown fluoroquinolone	fluoroquinolone	No resistance	0
ciprofloxacin	fluoroquinolone	No resistance	0
fluoroquinolone	under_development	No resistance	0
virginiamycin m	streptogramin a	No resistance	0
dalfopristin	streptogramin a	No resistance	0
pristinamycin iia	streptogramin a	No resistance	0
quinupristin+dalfopristin	streptogramin a	No resistance	0
telithromycin	macrolide	No resistance	0
tylosin	macrolide	No resistance	0
oleandomycin	macrolide	No resistance	0
azithromycin	macrolide	No resistance	0
carbomycin	macrolide	No resistance	0
spiramycin	macrolide	No resistance	0
unknown macrolide	macrolide	No resistance	0
erythromycin	macrolide	No resistance	0
teicoplanin	glycopeptide	No resistance	0
vancomycin	glycopeptide	No resistance	0
unknown aminoglycoside	aminoglycoside	No resistance	0
butirosin	aminoglycoside	No resistance	0
streptomycin	aminoglycoside	No resistance	0
fortimicin	aminoglycoside	No resistance	0
apramycin	aminoglycoside	No resistance	0
kanamycin	aminoglycoside	No resistance	0
paromomycin	aminoglycoside	No resistance	0
amikacin	aminoglycoside	No resistance	0
gentamicin	aminoglycoside	No resistance	0
hygromycin	aminoglycoside	No resistance	0
astromicin	aminoglycoside	No resistance	0
lividomycin	aminoglycoside	No resistance	0
netilmicin	aminoglycoside	No resistance	0
isepamicin	aminoglycoside	No resistance	0
tobramycin	aminoglycoside	No resistance	0
neomycin	aminoglycoside	No resistance	0
sisomicin	aminoglycoside	No resistance	0
dibekacin	aminoglycoside	No resistance	0
arbekacin	aminoglycoside	No resistance	0
kasugamycin	aminoglycoside	No resistance	0
butiromycin	aminoglycoside	No resistance	0
ribostamycin	aminoglycoside	No resistance	0
metronidazole	nitroimidazole	No resistance	0
fosfomycin	fosfomycin	No resistance	0
quinupristin	streptogramin b	No resistance	0
virginiamycin s	streptogramin b	No resistance	0
pristinamycin ia	streptogramin b	No resistance	0
unknown rifamycin	rifamycin	No resistance	0
rifampicin	rifamycin	No resistance	0

2) Routine antibiogram analysis

ANTIBIOTIC TEST	VALUE	STAT
AMOXICILLINE E-TEST	0.750 mg/L	Sensitive
AUGMENTIN	<=1 mg/L	Sensitive
CEFTRIAZONE E-TEST	0.016 mg/L	Sensitive
GENTAMYCINE	2 mg/L	Sensitive
NALIDIXIC ACIDE	NA	Sensitive

