

**Isolate:** ERR257656

**Species:** *Klebsiella pneumoniae*

Drug	Resistance Determinants	Prediction
Amikacin	-	S
Ampicillin (expected R)	<i>bla</i> SHV-33 (core), <i>bla</i> TEM-1	R
Ceftriaxone	-	S
Ciprofloxacin	-	S
Fosfomycin	-	S
Gentamicin	-	S
Meropenem	-	S
Trimethoprim	<i>dfrA14</i>	R

Additional resistance determinants (acquired resistance).

- *aadA22* (*streptomycin*), *sul1* (*sulfonamides*)

Core genes (wildtype resistant)

- Expect ampicillin resistance due to core gene *bla*SHV.

Core genes (wildtype susceptible)

- *fosA*, Wildtype core gene, present not expected to confer fosfomycin resistance unless mobilised under strong promoter.
- *oqxA*, Wildtype core gene, present but not expected to confer multiple drug resistance unless mobilised under strong promoter.
- *oqxB*, Wildtype core gene, present but not expected to confer multiple drug resistance unless mobilised under strong promoter.