

## List of Abbreviations

AMR	Antimicrobial resistance
BLAST	Basic local alignment search tool
CAUTIs	Catheter-associated urinary tract infections
CDC	Centers for disease control and prevention
CG	Clonal group
cgMLST	Core genome- multilocus sequence typing
cKP	Classical <i>Klebsiella pneumoniae</i>
CLSI	Clinical and laboratory standards institute
CLSM	Confocal laser scanning microscopy
CPS	Capsular Polysaccharides
CRKP	Carbapenem-resistant <i>Klebsiella pneumoniae</i>
eDNA	Extracellular-DNA
<i>ent</i>	Enterobactin
EPS	Exopolysaccharides
ESBL	Extended-spectrum beta-lactamases
EUCAST	European committee on antimicrobial susceptibility testing
FEG-SEM	Field-emission gun scanning electron microscopy
FITC	Fluorescein isothiocyanate
FQs	Fluroquinolones
gDNA	Genomic DNA
HAIs	Health-care associated infection
hvKp	Hypervirulent <i>Klebsiella pneumoniae</i>

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ICEs	Integrative conjugative elements
IS	Insertion sequence
ISEs	Insertion sequence elements
<i>Kp</i>	<i>Klebsiella pneumoniae</i>
MBL	Metallo Beta-lactamase
MDR	Multidrug-resistant
MGEs	Mobile genetic elements
MIC	Minimal inhibitory concentration
MLST	Multilocus sequence typing
NCBI	National center for biotechnology information
NGS	Next-generation sequencing
OD	Optical density
PDR	Pan drug-resistant
PLA	Pyogenic liver abscess
PMQR	Plasmid-mediated quinolone resistance
QRDR	Quinolone resistance-determining regions
<i>rmpA</i>	Regulator of mucoid phenotype
qRT-PCR	Quantitative real-time reverse transcription-PCR
ST	Sequence type
UTI	Urinary tract infections
WGS	Whole genome sequencing
XDR	Extensively/extremely drug-resistant
Ybt	Yersiniabactin