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Antimicrobial resistance profiles and genotypes of extended-spectrum β-lactamase- and AmpC β-lactamase-producing *Klebsiella pneumoniae* isolated from dogs in Beijing, China

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Highlights

- Antimicrobial is a risk factor for promoting the emergence of antimicrobial resistance of canine *K. pneumoniae*.
- This study focuses on antimicrobial resistance profiles and the genetic diversity of ESBL and AmpC β-lactamase in canine *K. pneumoniae*.
- Higher level of antimicrobial resistance in canine *K. pneumoniae* was revealed in Beijing.
- Aim to avoid overuse of antimicrobials, select appropriate antimicrobials for canine treatment and take proper measures to halt the spread of resistant bacteria.