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Prevalence and molecular features of ESBL/pAmpC-producing Enterobacteriaceae in healthy and diseased companion animals in Brazil

Running title: ESBL/pAmpC in Brazilian cats and dogs

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Highlights

- Brazilian dogs, and cats to a lesser extent, are an important reservoir of resistance determinants
- Saliva was proved to be a potential source of transmission of ESBL-producing Enterobacteriaceae
- ESBL/pAmpC were detected in 24.8% of stray cats/dogs and in 10.8% of diseased pets

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