

## Accepted Manuscript

Title: Multi-drug resistant *Escherichia coli* in diarrhoeagenic foals: pulsotyping, phylotyping, serotyping, antibiotic resistance and virulence profiling

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**Multi-drug resistant *Escherichia coli* in diarrhoeagenic foals: pulsotyping, phylotyping, serotyping, antibiotic resistance and virulence profiling.**

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### Highlights

- Almost half of multi-drug resistant equine *E. coli* isolates were classified as ExPEC
- Serogroups O1, O19a, O40, O101 and O153 are previously reported human clinical ExPEC
- Quinolone and fluoroquinolone resistance was prevalent among equine *E. coli* isolates
- 65% of isolates harboured one or more TEM, SHV and CTX-M-2 group  $\beta$ -lactamases
- Class 1 and class 2 integrons were detected in 85% of equine *E. coli* isolates

### Abstract

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