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Antimicrobial resistance of *Enterococcus* spp. isolated from Thai fermented pork in Chiang Rai Province, Thailand

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Highlights:

- *Enterococcus* was detected in 96 of the 120 Thai traditional fermented pork samples.
- Thai fermented pork had high prevalence of multidrug-resistant *Enterococci*.
- High level aminoglycosides resistant *Enterococci* were isolated.
- Macrolide efflux pump, *mefA/E*, was first described in *E. hirae*.
- Vancomycin-resistant *enterococci* were not found in Thai fermented pork.

ABSTRACT

Objectives: The aim of this study is to evaluate the prevalence of resistant phenotypes and genes of *Enterococcus* spp. to explore the range of resistant profiles from Thai traditional fermented pork.

Methods: A total of 120 Thai fermented pork specimens in Chiang Rai, Thailand were collected and antimicrobial resistance was identified using 11 antimicrobial agents in enterococcal

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