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Nutrient and energy digestibility, and microbial metabolites in weaned pigs fed diets containing *Lactobacillus*–fermented wheat

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Highlights

- Fermented wheat in nursery diet increases nutrient and energy digestibility.
- Feeding fermented wheat does not affect microbial metabolites in the gut of pigs.
- *Lactobacillus buchneri* is beneficial than *L. plantarum* for feed fermentation.
- Feed fermentation with enzyme supplementation increase nutritive values of feed.

Abbreviations: NSP, non-starch polysaccharides; Homo, homofermentative *Lactobacillus*; Hetero, heterofermentative *Lactobacillus*; PC, positive control; NC, negative control; CP, crude protein; VFA, volatile fatty acids; DM, dry matter; OM, organic matter; GE, gross energy; EE, ether extracts; AA, amino acids; NDF, neutral detergent fiber; Ca, calcium; P, phosphorus; ADF, acid detergent fiber; N, nitrogen; CATTD, coefficient of apparent total tract digestibility; CAID, coefficient of apparent ileal digestibility; CSID, coefficient of standardized ileal digestibility; DE, digestible energy

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