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Authors: Z.K. Zeng, Q.Y. Li, Q.Y. Tian, Y.T. Xu, X.S. Piao

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**Running title:** Phytase and carbohydrases added in pig diets

**The combination of carbohydrases and phytase to improve nutritional value and non-starch polysaccharides degradation for growing pigs fed diets with or without wheat bran**

**Z. K. Zeng, Q.Y. Li, Q.Y. Tian, Y. T. Xu, and X.S. Piao\***

*State Key Laboratory of Animal Nutrition, Ministry of Agriculture Feed Industry Centre, China Agricultural University, No. 2. West Yuanmingyuan Road, Beijing, China, 100193.*

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*Abbreviations:* AA, amino acids; ADF, acid detergent fiber; AID, apparent ileal digestibility; ATTD, apparent total tract digestibility; CP, crude protein; DM, dry matter; NDF, neutral detergent fiber; NSP, non-starch polysaccharides.

\*To whom correspondence should be addressed: piaoqxsh@cau.edu.cn

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