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## **ACCEPTED MANUSCRIPT**

### Effect of ensiling and silage additives on biogas production and microbial community dynamics during anaerobic digestion of switchgrass Xiaoling Zhao<sup>a,1</sup>, Jinhuan Liu<sup>b,1</sup>, Jingjing Liu<sup>c</sup>, Fuyu Yang<sup>c</sup>, Wanbin Zhu<sup>a</sup>, Xufeng Yuan<sup>a</sup>, Yuegao Hu<sup>a</sup>, Zongjun Cui<sup>a</sup>, Xiaofen Wang<sup>a, \*</sup> <sup>a</sup> College of Agronomy and Biotechnology, China Agricultural University, Beijing 100193, China; <sup>b</sup> Daxing District Bureau of Statistics of Beijing Municipality, Beijing 102600, China; <sup>c</sup> College of Animal Science and Technology, China Agricultural University, Beijing 100193, China \*Correspondence: Tel: +86 10 62733872; Fax: +86 10 62731857. E-mail address: wxiaofen@cau.edu.cn (X. Wang). <sup>1</sup> These authors contributed equally to this work, and Xiaoling Zhao and Jinhuan Liu are co-authors.

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