

**Supplementary files:**

**Prevalence and Genetic Diversity of *Pentatrichomonas hominis* in Pig Populations in Guangdong and Anhui Provinces, China**

**Pengyun Lu <sup>a,b,†</sup>, Yibin Zhu <sup>a,†</sup>, Haiming Cai <sup>a</sup>, Hanqin Shen <sup>c</sup>, Siyun Fang <sup>c</sup>, Dingai Wang <sup>c</sup>, Zhuanqiang Yan <sup>c</sup>, Shenquan Liao <sup>a</sup>, Nanshan Qi <sup>a</sup>, Minna Lv <sup>a</sup>, Xuhui Lin <sup>a</sup>, Yongle Song <sup>a</sup>, Xiangjie Chen <sup>a</sup>, Jianfei Zhang <sup>a</sup>, Juan Li <sup>a\*</sup>, Mingfei Sun <sup>a\*</sup>**

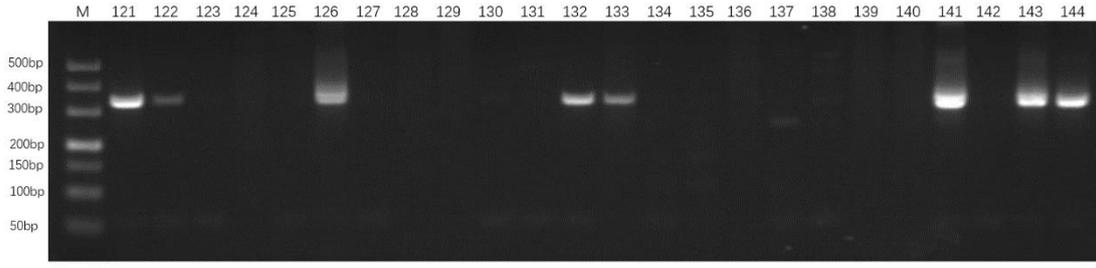
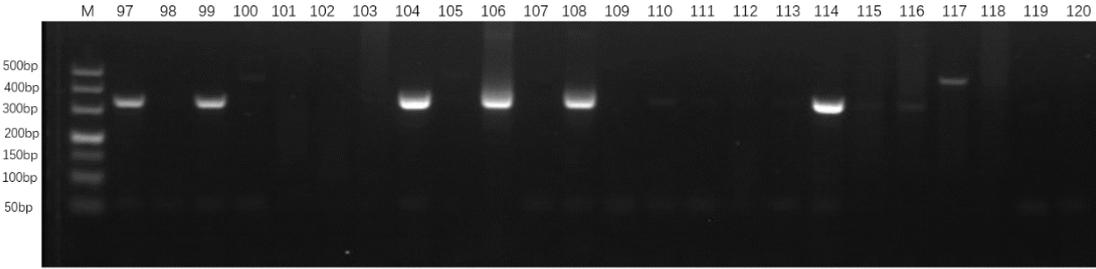
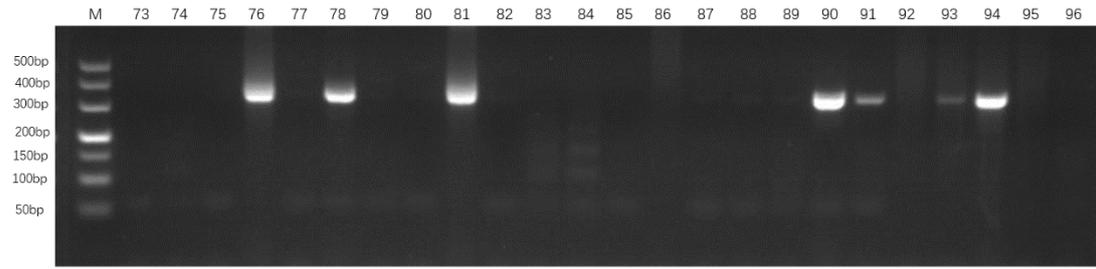
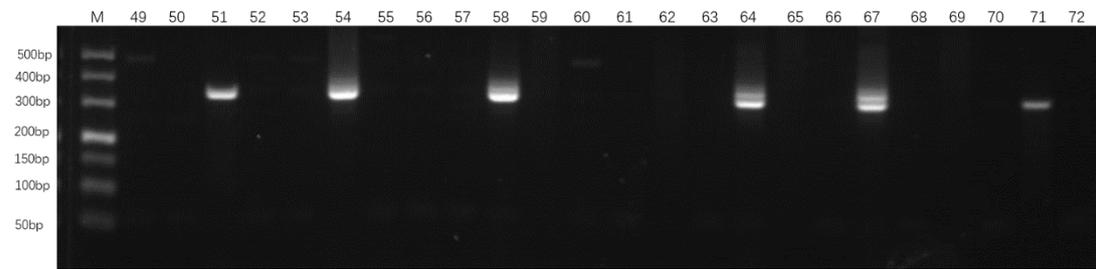
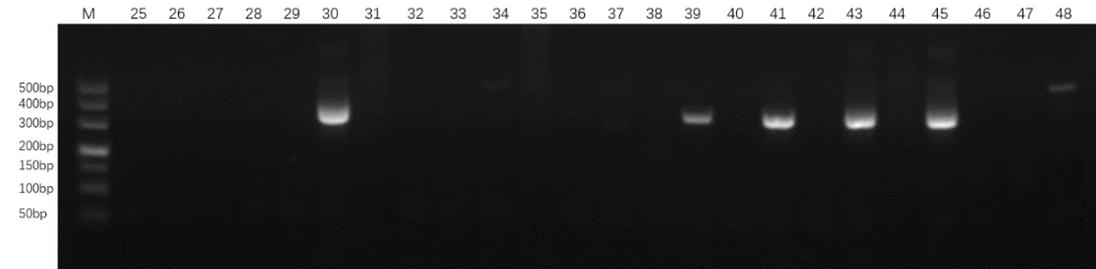
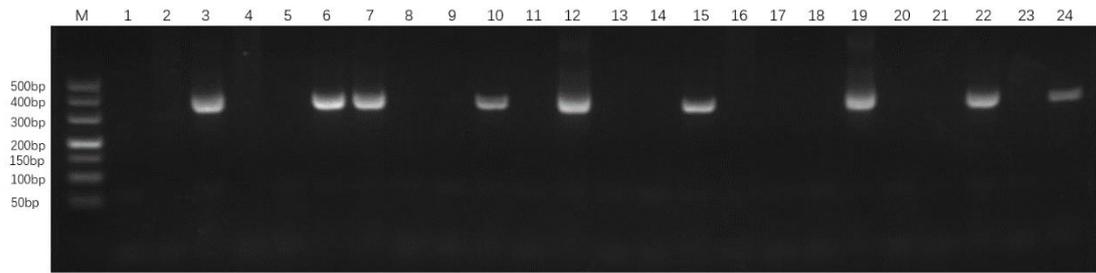
<sup>a</sup> Key Laboratory of Livestock Disease Prevention of Guangdong Province, Key Laboratory of Avian Influenza and Other Major Poultry Diseases Prevention and Control, Ministry of Agriculture and Rural Affairs, Institute of Animal Health, Guangdong Academy of Agricultural Sciences, Guangzhou, 510640, China; lupengyun@163.com (P.L.); zhuyibin@gdaas.cn (Y.Z.)

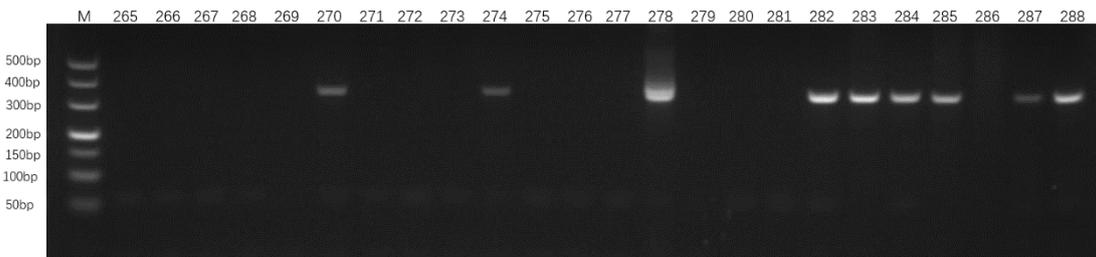
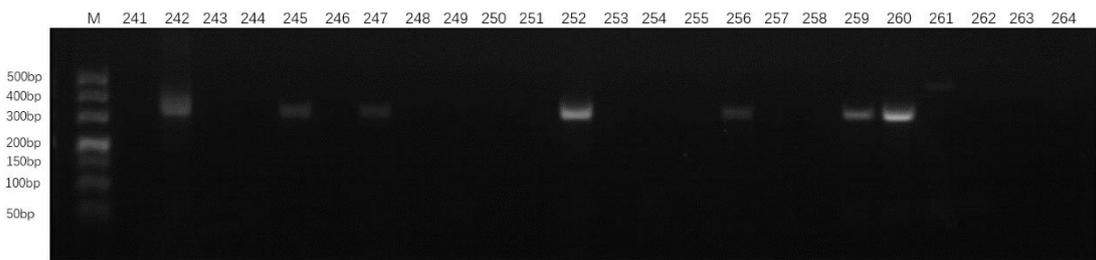
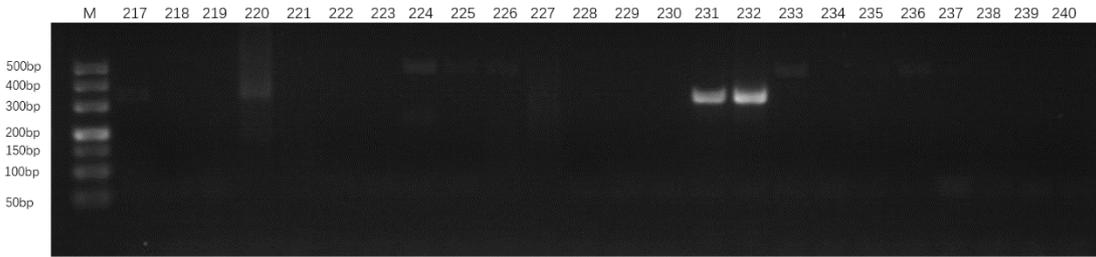
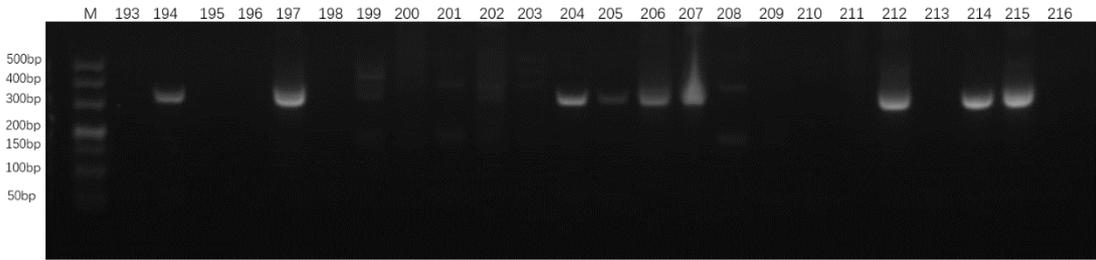
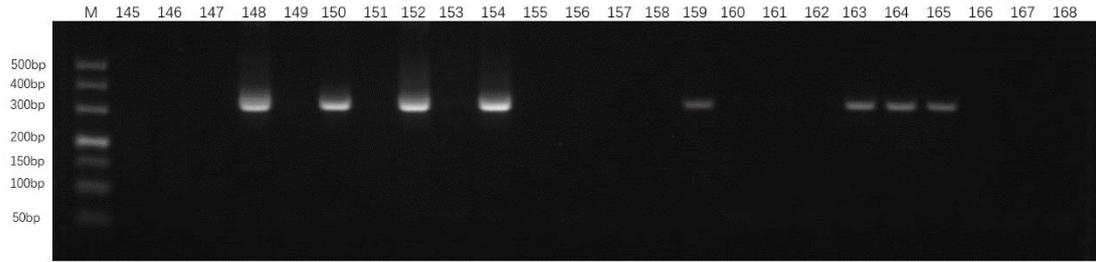
<sup>b</sup> Guangdong Guangken Animal Husbandry Group Co., Ltd., Guangdong 510000, China.

<sup>c</sup> Wen's Group Academy, Wen's Foodstuffs Group Co., Ltd., Xinxing, Guangdong 527400, China.

\* Correspondence: lijuan@gdaas.cn (J.L.); sunmingfei@gdaas.cn (M.S.)

† These authors contributed equally to this work.





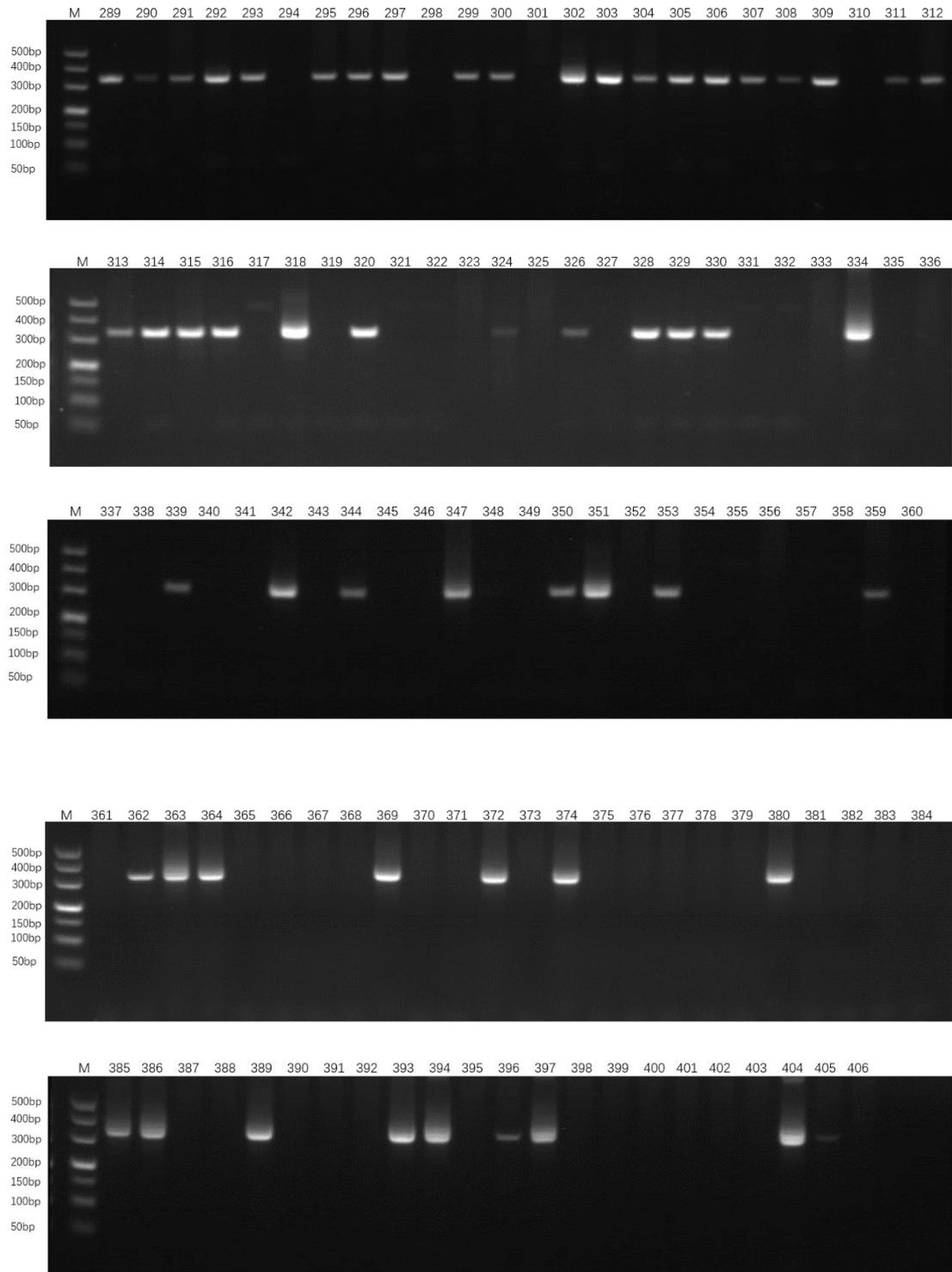


Figure S1. Gel electrophoresis of PCR products amplified from pig fecal samples. Lane M: DNA ladder marker; Lanes 1-406: PCR products from fecal samples of pigs numbered 1-406. The presence of a band at the expected size confirms the presence of *Pentatrichomonas hominis* in the fecal sample.