

1 **A tetrapeptide from maize combined with probiotics exerted strong anti-**
2 **inflammatory effect and modulated gut microbiota in DSS-induced colitis mice**

3 Zhiguo Li,^{a†} Shan Zhang,^{a†} Li Xu,^a Xuexun Fang,^a Youzhong Wan,^b Dahai Yu,^{a*} and
4 Yi Guo^{a*}

5 ^a Key Laboratory for Molecular Enzymology and Engineering of Ministry of Education,
6 School of Life Sciences, Jilin University, 2699 Qianjin Street, Changchun, 130012, P.
7 R. China. Tel: +86-431-85155249; Fax +86-431-85155200

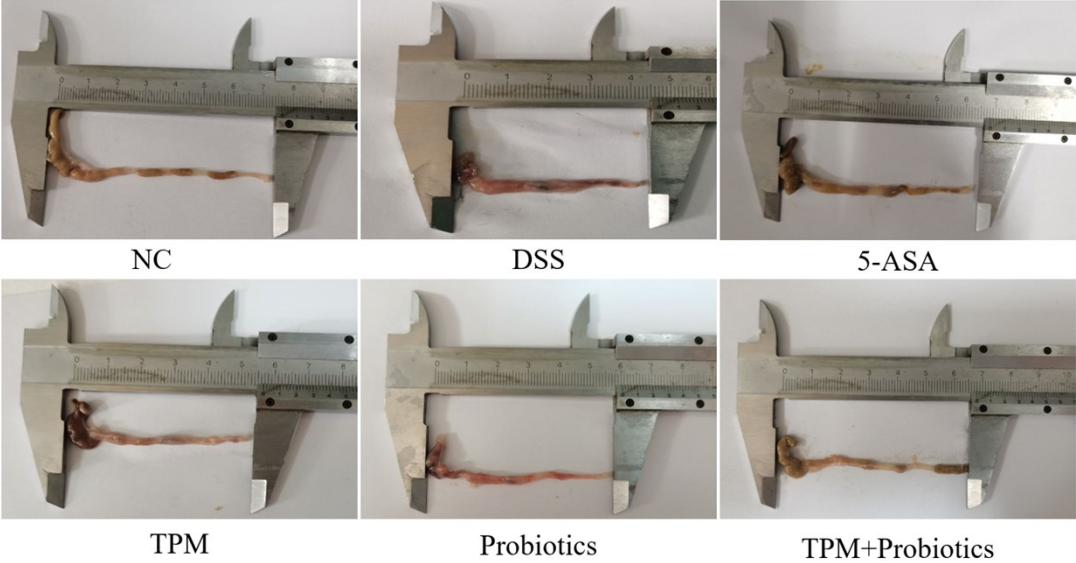
8 ^b China-Japan Union Hospital of Jilin University, Jilin University, Changchun, China
9 130033, P. R. China

10 †These authors contributed equally to this work

11 *Corresponding author.

12 E-mail addresses: yudahai@jlu.edu.cn (D. Yu); guoyi@jlu.edu.cn (Y. Guo)

13 **Supplementary figures and tables**



14

15 **Fig. S1** Representative colon pictures of each group.