

Supporting Information

**Resveratrol Attenuates *Citrobacter rodentium*-Infected Colitis by
Remodeling Gut Microbiota Structure and Inhibiting CD4+ Cell
Activation in mice**

Junzhu Li^a, Xin Feng^a, Yizhi Jing^b, Haidong Qian^b, Yun Ji^c, Yanling Hao^b,
Zhengyuan Zhai^{a*}

^a College of Food Science and Nutritional Engineering, China Agricultural
University, Beijing 100083, China

^b Key Laboratory of Precision Nutrition and Food Quality, Department of
Nutrition and Health, China Agricultural University, Beijing 100193,
China

^c State Key Laboratory of Animal Nutrition and Feeding, China
Agricultural University, Beijing 100193, China

* Corresponding author:

Zhengyuan Zhai, PhD

Address: No.17 Tsinghua East Road, Hai Dian District, Beijing, 100083,
P.R. China.

Email: zhaizy@cau.edu.cn

Table S1. Primers used for RT-qPCR

Target Protein	Primer (5'→3')
IL-6	F: CCAAGAGGTGAGTGCTTCCC R: CTGTTGTTTCAGACTCTCTCCCT
IL-1 β	F: GCAACTGTTCTGAACTCAACT R: ATCTTTTGGGGTCCGTCAACT
TNF- α	F: CCTGTAGCCACGTCGTAG R: GGGAGTAGACAAGGTACAACCC
IL-22	F: ATGAGTTTTTCCCTTATGGGGAC R: GCTGGAAGTTGGACACCTCAA
BAX	F: TGAAGACAGGGGCCTTTTTG R: AATTCGCCGGAGACACTCG
CHOP	F: CTGGAAGCCTGGTATGAGGAT R: CAGGGTCAAGAGTAGTGAAGGT
C-CASP 1	F: ACTCGGGTGGAAGAAGACAG R: CTCCTCAGCAAATCGGAACTG
C-CASP 3	F: TGGTGATGAAGGGGTCATTTATG R: TTCGGCTTTCCAGTCAGACTC
BCL-2	F: GTCGCTACCGTCGTGACTTC R: CAGACATGCACCTACCCAGC
β -actin	F: GTGACGTTGACATCCGTAAAGA R: GCCGGACTCATCGTACTCC