**The involvement of NF-κB/P38 pathways in scutellaria baicalensis extract attenuating *Escherichia coli* K88-induced acute intestinal injury in weaned piglets**

Caiyun Huang 1, Yubo Wang 1, Xin He1, Ning Jiao 1, Xin Zhang 1, Kai Qiu 1, Xiangshu Piao 1, and Jingdong Yin 1\*

1State Key Lab of Animal Nutrition, College of Animal Science & Technology, China Agricultural University, Beijing 100193, China

\*Corresponding author: Jingdong Yin; Email: [yinjd@cau.edu.cn](mailto:yinjd@cau.edu.cn).

Tel: 8610-62733590-1404

**Keywords** Intestine, diarrhea, tight junction, *TLR 4*, MyD88, inflammation

Figure 2 HPLC-UV280nm chromatograms of baicalin in samples. (a) chromatograms of baicalin standard，retention time =18.658 min. (b) chromatograms of baicalin in the scutellaria baicalensis extract，retention time =18.646 min.