

Supplementary Information

Integrating metagenomics with metabolomics for gut microbiota and metabolites profiling in acute pancreatitis

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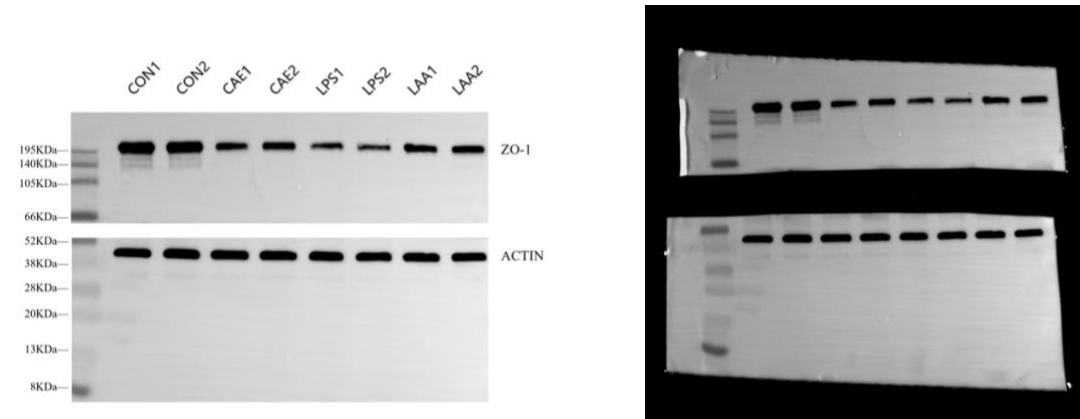
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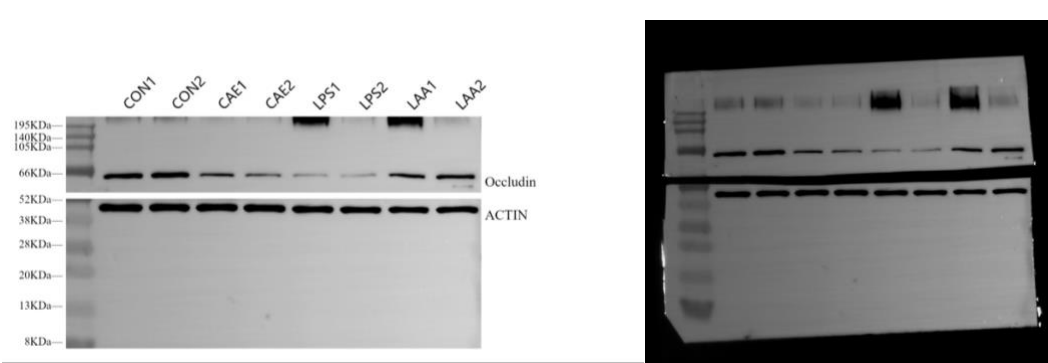
Contributed equally.

This file contains the full-length blots images of Figure 2E in the manuscript.

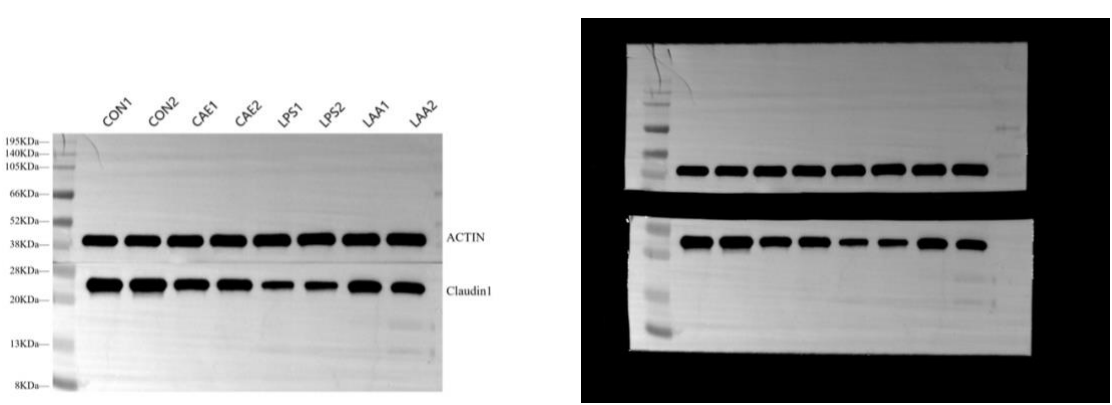
ZO-1:



Occludin:



Claudin1:



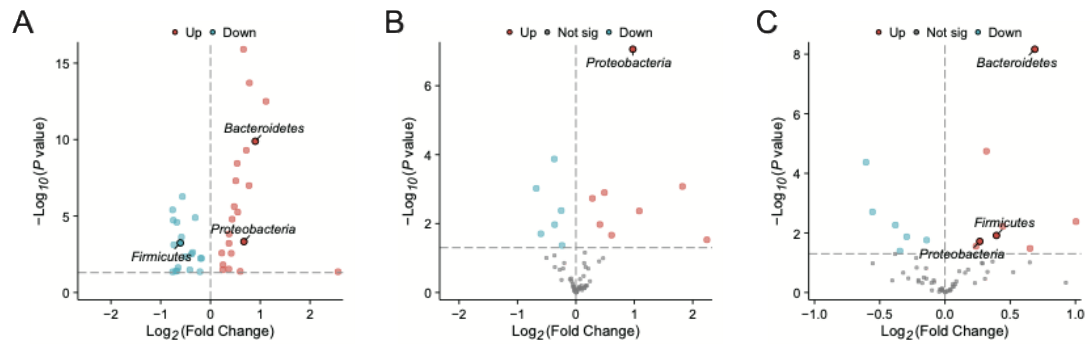


Figure S1

Analysis of ANCOM.

ANCOM analysis identified the relevant phyla between (A) Control and Caerulein groups. (B) Control and Caerulein+LPS groups. (C) Control and L-arginine groups.

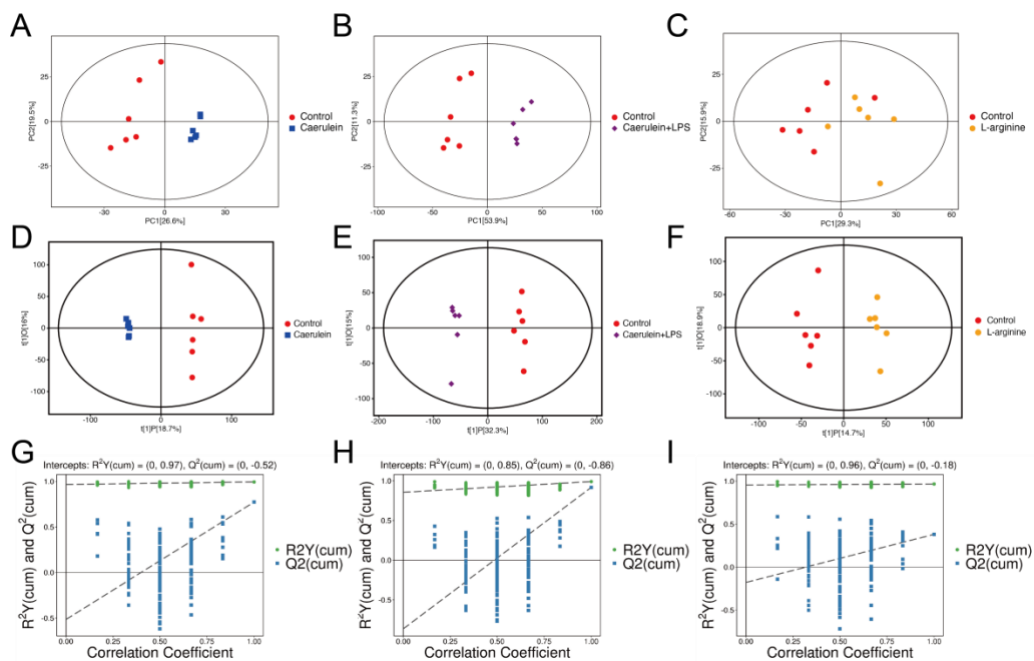


Figure S2

Analysis of PCA and OPLS-DA.

(A-C) 2D score plots of PCA analysis, including QC samples. (D-F) OPLS-DA plots of metabolite distribution in Control and AP groups. (G-I) Histograms of permutation testing in Control and AP groups. N=6 mice.

Table S1 ANCOM analysis between Control and AP groups.

Table S2 The primer sequences of RT-qPCR.