Electronic Supplementary Material (ESI) for Food \& Function.
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Fig. 3 IPEC-J2 cells were pretreated with L. plantarum T10 (CS) and its fermentation supernatant (FS) and EPS for 3 h respectively and were subjected to a 6 -hETEC challenge.

In IPEC-J2 cells, Western Blotting of occluding and claudin-1
1.

3.


Results of 3 independent experiments

The following is the original plot of the above bands

$\longleftarrow 45 \mathrm{kDa}$
－ーーーーーーーー・ $\leftarrow 35 \mathrm{kDa}$


occludin： 59 kDa

GAPDH： 36 kDa
claudin－1： 23 kDa


GAPDH: 36 kDa

## 


claudin-1: 23 kDa


GAPDH: 36 kDa

#  <br>  

occludin: 59 kDa
claudin-1

claudin-1: 23 kDa

Western Blotting analysis for p38 and p-p38

Results of three independent experiments


The following is the original plot of the above bands

| u |
| :---: |
| z |
| z |
| U |



## 3


p－p38

$$
\begin{aligned}
& 45 \mathrm{kDa} \rightarrow \text { ヒーニーーーラ } \\
& 35 \mathrm{kDa} \longrightarrow
\end{aligned}
$$

p－p38： 42 kDa

