Table S1 Concentration of SCFAs in the colonic contents of mice

<table>
<thead>
<tr>
<th>SCFAs (μmol/g)</th>
<th>Control</th>
<th>242</th>
<th>Zn+242</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetic acid</td>
<td>26.46 ± 2.09&lt;sup&gt;a&lt;/sup&gt;</td>
<td>34.66 ± 2.12&lt;sup&gt;b&lt;/sup&gt;</td>
<td>39.98 ± 1.61&lt;sup&gt;c&lt;/sup&gt;</td>
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<tr>
<td>Propanoic acid</td>
<td>9.01 ± 0.37&lt;sup&gt;a&lt;/sup&gt;</td>
<td>11.21 ± 0.38&lt;sup&gt;b&lt;/sup&gt;</td>
<td>13.69 ± 0.44&lt;sup&gt;c&lt;/sup&gt;</td>
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<tr>
<td>Butanoic acid</td>
<td>2.53 ± 0.12&lt;sup&gt;a&lt;/sup&gt;</td>
<td>2.75 ± 0.21&lt;sup&gt;a&lt;/sup&gt;</td>
<td>4.47 ± 0.22&lt;sup&gt;c&lt;/sup&gt;</td>
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<tr>
<td>Isobutyric acid</td>
<td>1.15 ± 0.07&lt;sup&gt;a&lt;/sup&gt;</td>
<td>1.15 ± 0.16&lt;sup&gt;a&lt;/sup&gt;</td>
<td>1.33 ± 0.15&lt;sup&gt;a&lt;/sup&gt;</td>
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<tr>
<td>Isopentanoic acid</td>
<td>0.16 ± 0.13&lt;sup&gt;a&lt;/sup&gt;</td>
<td>0.22 ± 0.07&lt;sup&gt;a&lt;/sup&gt;</td>
<td>0.18 ± 0.09&lt;sup&gt;a&lt;/sup&gt;</td>
</tr>
<tr>
<td>Total SCFAs</td>
<td>39.31 ± 2.03&lt;sup&gt;a&lt;/sup&gt;</td>
<td>49.98 ± 2.01&lt;sup&gt;b&lt;/sup&gt;</td>
<td>59.65 ± 1.56&lt;sup&gt;c&lt;/sup&gt;</td>
</tr>
</tbody>
</table>

Values are mean ± SEM values with six mice in each group. The superscript letters a, b, and c indicate statistically significant differences at P values of < 0.05 among the groups.