

## Supplementary Information

### Determination of Short Chain Fatty Acids in Mice Feces by Capillary Electrophoresis

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**Table S1.** Preparation of solutions to perform recovery assay

Solution	Volume added / $\mu\text{L}$			Sample
	Low level (LL)	Medium level (ML)	High level (HL)	
Supernatant	82	74.5	59	90
200 mmol L <sup>-1</sup> acetic acid standard	5 <sup>a</sup>	7.5	15	–
100 mmol L <sup>-1</sup> propionic acid standard	2	5	10	–
100 mmol L <sup>-1</sup> <i>n</i> -butyric acid standard	1	3	6	–
10 mmol L <sup>-1</sup> of IS standard	10	10	10	10
Recovery sample total volume	100	100	100	100

<sup>a</sup>On purpose to maintain all solutions with the same final volume (100  $\mu\text{L}$ ), it was used 5  $\mu\text{L}$  of a 100 mM acetic acid solution. IS: internal standard.

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