

Supplementary Table S2. Calibration data used for the HPLC quantification of short chain fatty acids (SCFA)\*.

Compound	Correlation ( $r^2$ )	LOQ (mM)	LOD (mM)
Lactic acid	0.993	1.03	0.30
Acetic acid	0.982	1.27	0.46
Propionic acid	0.985	1.13	0.34
Butyric acid	0.981	1.21	0.44
Succinic acid	0.994	1.05	0.31

\*The regression line was determined with the least-square fit, also calculating the relative coefficient ( $r^2$ ). Limits of detection (LOD) and quantification (LOQ) were determined using signal to noise ratio with 3:1 for LOD and 10:1 for LOQ.