

**Supplementary Table 1:** Production of SCFA after 24 hours batch fermentation.

	mmol/l		
	Acetate	Propionate	Butyrate
Control	6.45 (1.18) <sup>bdf</sup>	2.19 (0.11) <sup>cf</sup>	2.49 (0.19) <sup>d</sup>
Oligofructose	46.47 (4.91) <sup>ade</sup>	1.28 (0.13) <sup>cf</sup>	2.30 (0.64) <sup>d</sup>
Rhamnose	22.91 (1.40)	23.21 (1.33) <sup>abdef</sup>	5.02 (0.69) <sup>d</sup>
Laminarin	41.02 (4.53) <sup>ae</sup>	4.71 (1.64) <sup>cf</sup>	18.36 (5.54) <sup>abc</sup>
Mycoprotein	12.10 (1.57) <sup>bdf</sup>	6.43 (0.48) <sup>c</sup>	6.34 (0.31) <sup>g</sup>
Mycoprotein fibre	37.62 (10.28) <sup>ae</sup>	12.25 (2.98) <sup>abcd</sup>	11.28 (3.0) <sup>g</sup>

Mean (SEM), n = 3. Letters indicate significant difference from corresponding substrate; a – control, b – oligofructose, c – rhamnose, d – laminarin, e – mycoprotein (whole), f – mycoprotein fibre, g – not significantly different from any other substrate