

S3 Table. Regression line equations and r^2 corresponding to plots in Figure 2.

SCFA	Regression line equation	r^2
Acetate	$y = 0.9119x + 0.2089$	0.996
Propionate	$y = 1.0628x + 0.3525$	0.998
Butyrate	$y = 1.0078x + 0.5665$	0.991