

A synbiotic formulation comprising *Bacillus subtilis* DSM 32315 and L-alanyl-L-glutamine improves intestinal butyrate levels and lipid metabolism in healthy humans

Table S1. Treatment affected the relative proportion of twenty species over time (Friedman rank sum test with subject as block factor, N = 54 with n = 18 subjects at n = 3 timepoints {baseline, two weeks and four weeks}). Taxa were ordered by decreasing median at baseline.

Taxa	Baseline			2 weeks			4 weeks			P-value	FDR corr P-value
	Median	Min	Max	Median	Min	Max	Median	Min	Max		
<i>Faecalibacterium prausnitzii</i>	1118.5	0	1622	1476	59	2441	1264.5	17	2588	0.0421	0.6492
<i>Ruminococcus unclassified</i>	425.5	0	1975	228.5	0	1165	157	0	953	0.0469	0.6492
<i>Roseburia unclassified</i>	188	0	480	188	3	370	97.5	3	341	0.0308	0.6492
<i>Lachnospiraceae</i> ND3007g roup unclassified	91.5	0	383	141.5	11	226	80.5	0	157	0.0021	0.2958
<i>Lachnospiraceae</i> NK4A136 group bacterium	87.5	0	453	71	0	905	36	0	222	0.0521	0.6492
<i>Lachnoclostridium edouardi</i>	82	0	185	105	7	398	71	0	375	0.0214	0.6492
<i>Monoglobus unclassified</i>	66.5	0	325	69.5	1	355	69.5	1	263	0.0397	0.6492
<i>Dorea unclassified</i>	35	0	175	15	0	152	13	0	119	0.0634	0.6492
<i>Roseburia intestinalis</i>	30	0	1177	59.5	0	761	0	0	1503	0.0183	0.6492
<i>IncertaeSedis unclassified</i>	25.5	2	139	45	10	143	27.5	8	186	0.0124	0.6492
<i>Ruminococcus bromii</i>	17.5	0	898	4.5	0	1199	26	0	2795	0.0187	0.6492
<i>Alistipes obesi</i>	10.5	0	79	12	0	56	15	0	88	0.0498	0.6492
<i>Klebsiella unclassified</i>	3	0	503	0	0	1064	0	0	299	0.0373	0.6492
<i>Bifidobacterium bifidum</i>	1.5	0	141	0	0	179	1	0	214	0.0277	0.6492
<i>Anaerofilum unclassified</i>	0	0	12	0	0	10	0	0	10	0.0013	0.2958
<i>Bacillus unclassified</i>	0	0	1	0	0	3	0	0	53	0.0168	0.6492
<i>Gordonibacter pamelaiae</i>	0	0	0	0	0	3	0	0	8	0.0231	0.6492
<i>Slackia isoflavoniconvertens</i>	0	0	46	0	0	47	5	0	157	0.0354	0.6492
<i>Bacteroides stercoris</i>	0	0	62	0	0	173	0.5	0	91	0.0388	0.6492
<i>Negativibacillus massiliensis</i>	0	0	27	0	0	44	0	0	0	0.0421	0.6492
<i>Bacteroides coprocola</i>	0	0	1206	0	0	2490	0	0	2669	0.0441	0.6492
<i>Colidextribacter massiliensis</i>	0	0	10	0	0	15	3	0	18	0.0458	0.6492