

**Supplementary Table 3** Differences of abundances for bifidobacterial species between BF, Control and Test groups at 3 months.

At 3 months Taxa	Statistics p-value	Median			Mean				All
		Control	Test	BF	Control	Test	BF	All	
<i>Bifidobacterium_s_adolescentis.S</i>	0.24	0.01	0.01	0.00	1.54	2.86	0.22	1.73	
<i>Bifidobacterium_s_animalis.subsp.lactis.S</i>	0.55	0.00	0.00	0.00	2.06	0.02	0.00	0.84	
<i>Bifidobacterium_s_bifidum.S</i>	0.79	2.42	7.57	6.01	10.29	9.44	17.47	11.58	
<i>Bifidobacterium_s_breve.S</i>	0.72	0.33	1.19	0.11	11.32	17.76	17.61	15.13	
<i>Bifidobacterium_s_catenuatum.pseudocatenuatum</i> <i>angulatum.kashiwanohense.S</i>	0.6	0.03	0.05	0.03	13.19	12.23	3.98	10.77	
<i>Bifidobacterium_s_dentium.S</i>	0.66	0.01	0.01	0.01	1.19	1.57	0.27	1.12	
<i>Bifidobacterium_s_longum.subsp.infantis.suis.S</i>	0.89	0.03	0.04	0.04	3.59	4.82	9.20	5.31	
<i>Bifidobacterium_s_longum.subsp.longum.S</i>	0.74	3.41	11.63	2.61	19.73	19.27	13.83	18.24	
<i>Bifidobacterium_s_scardovi.S</i>	0.14	0.00	0.00	0.00	0.12	0.31	0.01	0.17	
<i>Bifidobacterium_Other</i>	0.22	0.64	1.70	0.33	1.34	1.50	1.39	1.41	

Values for Test, Control and BF are medians and means of the relative abundance of the indicated taxa. P-value : Kruskal-Wallis test of the three groups.