

Table S2. Statistical summary of data regarding faecal metabolites.

	Dietary treatment															
Variable	CTR				HP				HPA				HPAB			
	Min	Max	Median	Interquartile Range	Min	Max	Median	Interquartile Range	Min	Max	Median	Interquartile Range	Min	Max	Median	Interquartile Range
CIBDAI	4.0	7.0	4.0	1	2.0	5.0	4.0	1	2	5	4	1	1	5	3	1
Acetic Acid (mmol/g)	0.18	2.07	0.85	0.29	0.52	2.69	1.02	0.17	0.57	4.21	0.97	1.28	0.72	2.69	1.28	1.04
Acetone (mmol/g)	0.00	1.01	0.01	0.01	0.00	0.09	0.01	0.00	0.00	1.03	0.01	0.02	0.00	0.86	0.01	0.02
Butyric Acid (mmol/g)	0.37	3.07	0.92	0.64	0.37	1.52	0.71	1.01	0.52	2.37	1.06	0.28	0.37	4.05	1.06	0.82
Formic Acid (mmol/g)	0.05	1.39	0.75	0.85	0.02	1.52	0.72	0.67	0.02	2.09	0.63	0.85	0.09	1.06	0.28	0.57
Indole (µg/g)	0.15	3.18	0.80	0.54	0.03	2.06	0.78	0.81	0.19	3.41	0.97	0.55	0.17	2.08	0.52	0.8
Isobutyric Acid (mmol/g)	1.08	4.77	3.17	0.97	0.57	3.99	3.18	2.32	0.78	7.28	4.21	2.74	1.03	5.21	3.01	0.67
Isovaleric Acid (mmol/g)	0.96	7.02	2.39	2.02	0.77	5.02	2.29	1.85	0.63	8.54	3.14	3.4	0.28	6.14	2.59	2.7
Lactic Acid (mmol/g)	0.06	0.28	0.21	0.06	0.05	0.81	0.21	0.05	0.05	0.63	0.28	0.2	0.02	0.89	0.5	0.38
Phenol (µg/g)	0.15	3.05	0.72	0.46	0.03	3.21	0.36	1.5	0.13	3.04	0.64	1.91	0.13	3.10	0.92	0.84
Propionic Acid (mmol/g)	0.09	2.26	0.51	0.58	0.07	1.05	0.52	0.03	0.03	1.09	0.28	0.57	0.02	2.29	0.51	0.58
Skatole (µg/g)	0.16	2.16	0.52	0.78	0.24	2.01	0.98	0.34	0.21	2.16	0.89	0.72	0.19	2.39	1.22	1
Valeric Acid (mmol/g)	0.52	5.91	0.72	0.26	0.42	4.28	0.98	0.29	0.50	2.29	0.93	0.39	0.45	1.06	0.85	0.19

CTR: Control diet; HP: Hydrolysed protein diet; 2) HPA: *Ascophyllum nodosum*-supplemented HP diet; HPAB: *B. subtilis* C-3102 fortified HPA diet.