SUPPLEMENTARY INFORMATION

Table S1. Average absolute levels (log 16S gene copies/mL) of different phyla in the original (diluted) inoculum. and after 48h incubation with the 5 different treatments with yeast-derived formulations (T1, T2, T3, T4, and T5) versus a blank. both for the microbiota of a dog (A) and a cat (B) (n=3). Statistical differences versus the respective blank incubation are indicated in bold ($p \leq 0.05$). The intensity of the shading correlates with the absolute abundance in the 48h samples. normalized for each of the different phyla (i.e. within each row).

A

Phylum	DOG						
	Inoculum	Blank	T1	T2	T3	T4	T5
Actinobacteria	6,78	7,24	7,25	7,05	7,26	7,16	7,40
Bacteroidetes	7,86	8,48	8,62	**8,79**	8,47	**8,63**	**8,78**
Firmicutes	7,96	8,84	9,06	**9,10**	8,90	**9,05**	**9,17**
Fusobacteria	7,62	8,22	**8,40**	8,05	**8,36**	**8,07**	**7,91**
Proteobacteria	6,61	8,74	**8,34**	**8,54**	**8,60**	8,70	**8,64**

B

Phylum	CAT						
	Inoculum	Blank	T1	T2	T3	T4	T5
Actinobacteria	8,14	8,69	8,73	8,77	8,69	8,72	8,74
Bacteroidetes	8,30	8,86	8,99	8,88	8,89	8,97	9,00
Firmicutes	8,13	8,78	**8,99**	**9,09**	**9,03**	**9,04**	**9,21**
Fusobacteria	4,80	5,09	**6,62**	**6,52**	**5,87**	**5,88**	**6,11**
Proteobacteria	6,16	8,22	8,12	**7,96**	**8,04**	8,14	8,06