

Flaxseed oligosaccharides alleviate DSS-induced colitis through modulation of gut microbiota and repair of intestinal barrier in mice

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Supplementary material

Table.S1 The composition and monosaccharide content of FOS.

Water (%)	Ash (%)	Monosaccharide (%)				
5.89±0.03	5.23±0.05	Rhamnose	Fucose	Arabinose	Xylose	Galactose
		32.1±0.018	5.6±0.004	12.4±0.007	39.4±0.015	10.4±0.001

Results are expressed as the mean ± SEM.

Table.S2 The composition of a standard diet

AIN93M	gm%	kcal%
Fat	4	9.4
Protein	14.2	14.7
Carbohydrate	73.1	75.9
kcal/gm		3.85
Ingredient	gm	kcal
Casein, 30 Mesh	140	560
L-Cystine	1.8	7.2
Corn Starch	495.692	1983
Maltodextrin 10	125	500
Sucrose	100	400
Cellulose	50	0
Soybean Oil	40	360
t-Butylhydroquinone	0.008	0
Mineral Mix S10022M	35	0
Vitamin Mix V10037	10	40
Choline Bitartrate	2.5	0
Total	1000	3850
*Soluble fiber/carbohydrate	540.85	
*Insoluble fiber/carbohydrate	50.49	

* The total carbohydrate of corn starch was calculated as 85% within 0.1% insoluble fiber, the total carbohydrate of maltodextrin was calculated as 96%. The contents of soluble and insoluble fiber in the diet slightly varies on the different batch of the corn starch and maltodextrin.