

Supplementary Material

	Ingredients	Ratio (g/kg)
1	Corn	280
2	Flour	360
3	Soybean meal	160
4	Fish meal	50
5	Soybean	25
6	Soybean oil	22
7	Yeast powder	8
8	Sommon herbal (Shoumingcao) powder	5
9	Bran	30
10	Premix	60
Total		1000

Table S1:
 The ingredients and ratio of the normal diet

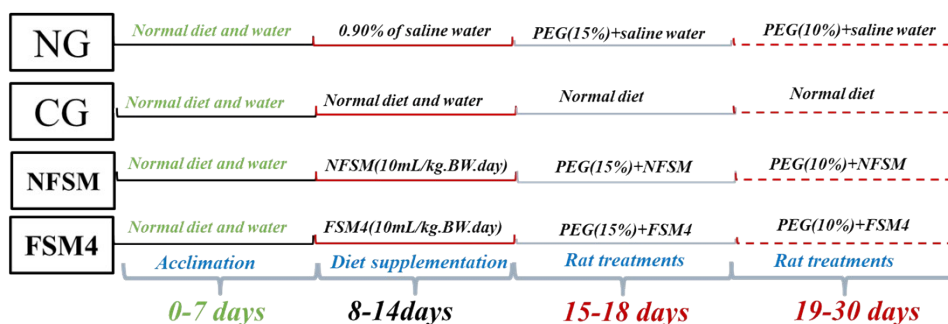


Fig. S1. Schematic experimental illustrating the protocol of the effect of fermented soymilk on acute diarrhea in rats.

Table S2: Relative abundance at the family and genus levels

Phylum level				
ID	CG	NG	NFSM	FSM4
Bacteroidetes	0.482995	0.557848	0.626866	0.589125
Firmicutes	0.499597	0.28846	0.278891	0.297853
Verrucomicrobia	0.000838	0.066245	0.059536	0.090916
Proteobacteria	0.012806	0.045156	0.033622	0.020923
Actinobacteria	0.001906	0.00059	0.000564	0.000513
Cyanobacteria	0	0.001247	0.00013	2.43E-05
Tenericutes	0.000916	0	0	0
Fusobacteria	4.46E-06	5.67E-05	0	4.31E-05
Deferribacteres	3.97E-05	0	0	0
Chloroflexi	1.56E-05	1.17E-05	0	5.28E-06
Others	0.000882	0.000385	0.000391	0.000598

Genus level				
ID	CG	NG	NFSM	FSM4
Bacteroides	0.198412	0.543932	0.605682	0.551598
Muribaculaceae	0.255243	4.56E-05	3.10E-06	4.91E-05
Akkermansia	0.000831	0.066245	0.059536	0.090916
Lactobacillus	0.134214	0.008543	0.023371	0.034974
Lachnoclostridium	0.003697	0.049609	0.063367	0.054712
Phascolarctobacterium	0	0.011129	0.039579	0.049409
Lachnospiraceae_NK4A136_group	0.092231	0.002538	0.000963	0.002926
Parabacteroides	0.009944	0.017683	0.016971	0.020706
[Ruminococcus]_gnavus_group	0	0.034238	0.013451	0.014633
Anaerofilum	5.65E-05	0.051004	0.005216	0.000349
Others	0.305371	0.215033	0.171862	0.189729

