

**Incremental Effects of *Eurotium Cristatum* Fermentation of Soybean on Its Nutrients,
Flavor Profile and Laxative Regulation in Experimental Constipation Rats**

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Table S1 Primers Used for Real-Time Quantitative PCR

Gene	Forward Primer (5'-3')	Reverse Primer (5'-3')
TNF- α	CCTGTAGCCACGTCGTAGC	TTGACCTCAGCGCTGACTTG
IL-6	TTGGGACTGATGTTGTTGACA	TCATCGCTGTTGATAACAATCAGA
AQP8	GTAGTATGGACCTAC GTGAGATCAAGG	CTCTCCAGGTACACCATGTTACCAG
MUC2	GCTGCTCATTGAGAA GAACGATGC	CTCTCCAGGTACACCATGTTACCAG G
β -actin	TGGAATCCTGTGGCATCCATGAAAC	TAAAACGCAGCTCAGTAACAGTCCG

Table S2 The apparent outcome indicators in the rats

Index	Normal	Model	NFSP	EFSP
Initial weight (g)	323.1 \pm 12.0	325.6 \pm 16.1	328.3 \pm 22.4	326.3 \pm 16.0
Final weight (g)	485.0 \pm 13.8 ^a	445.2 \pm 32.0 ^{ab}	462.9 \pm 33.4 ^a	401.4 \pm 36.3 ^b
Food intake (g/day/rat)	20.3 \pm 1.3	20.7 \pm 1.1	20.3 \pm 0.4	20.5 \pm 1.1

Different letters (a, b) indicate a significant difference ($p < 0.05$).