

Supplementary Material

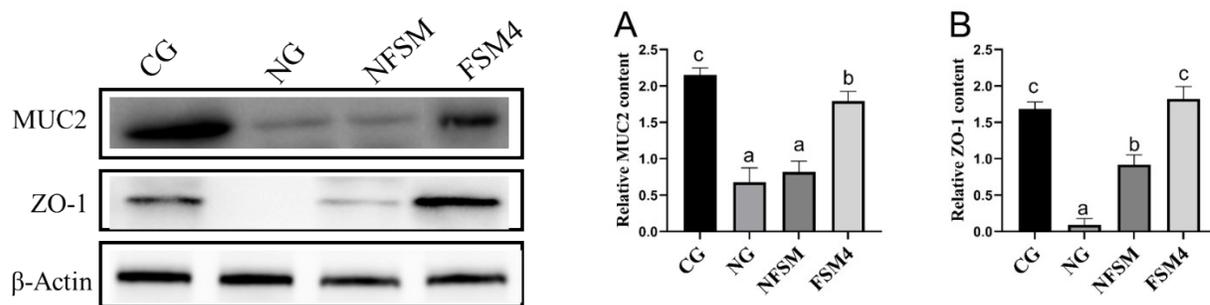
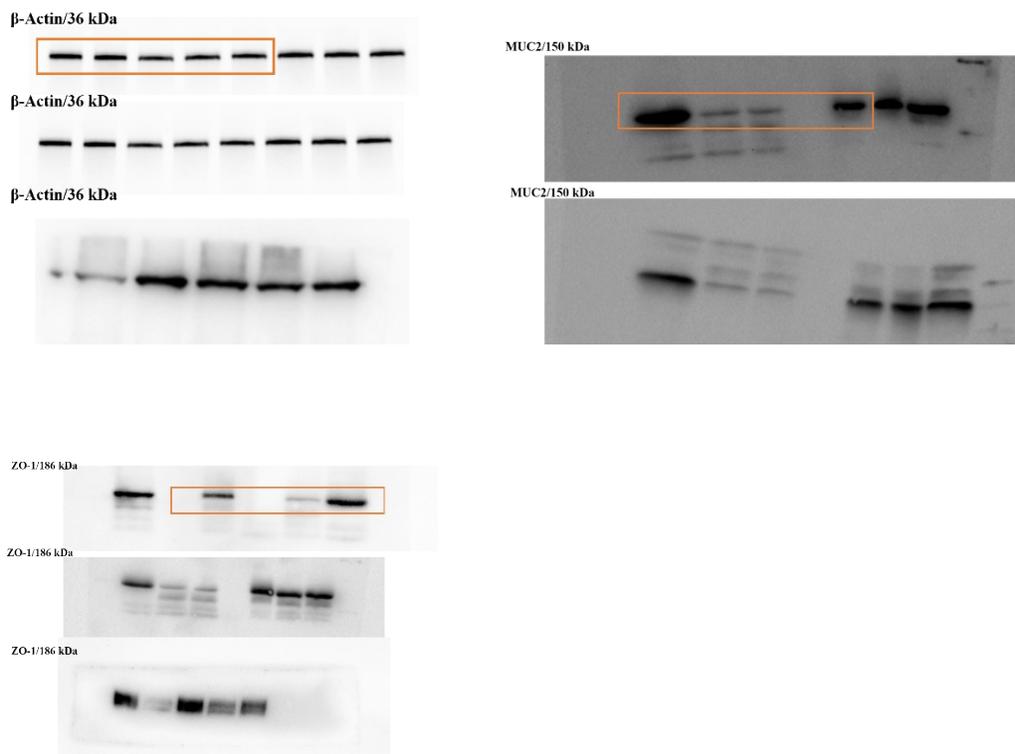


Fig. S2. FSM4 protected against PEG3350-induced intestinal barrier dysfunction. (A) Relative protein expression of MUC2; (B) Relative protein expression of ZO-1. Data were expressed as mean \pm SD (n = 3). The different bar alphabets represent statistically significant differences ($p < 0.05$).



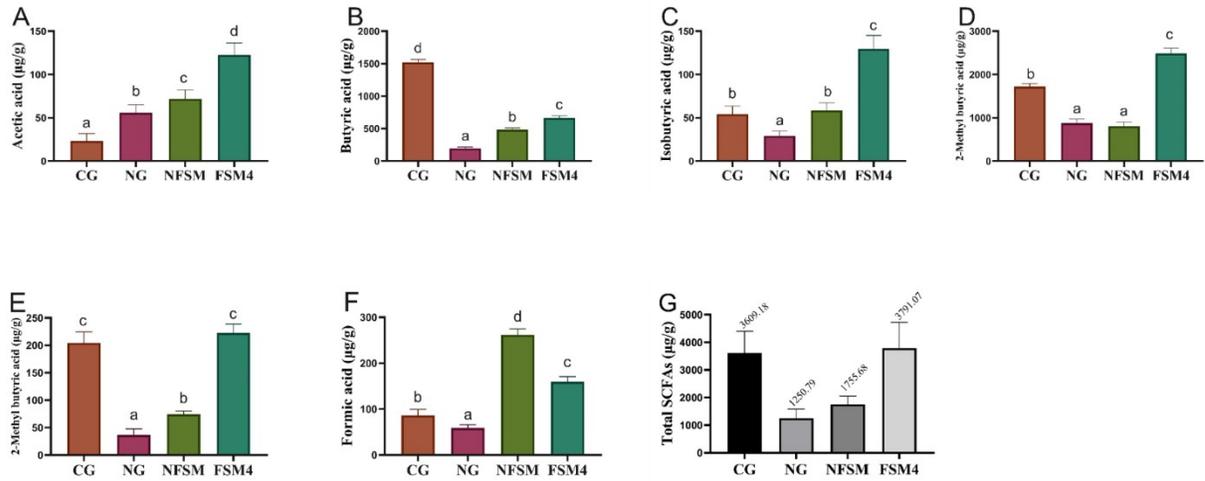


Fig. S3. Concentration of SCFAs in the colon of rats treated by fermented soymilk during PEG-induced acute diarrhea. (A) Acetic acid content, (B) Butyric acid, (C) isobutyric acid, (D) 2- Methyl butyric acid, (E) Valeric acid, (F) formic acid. Data were expressed as mean \pm SD (n = 8). The different bar alphabets represent statistically significant differences ($p < 0.05$).

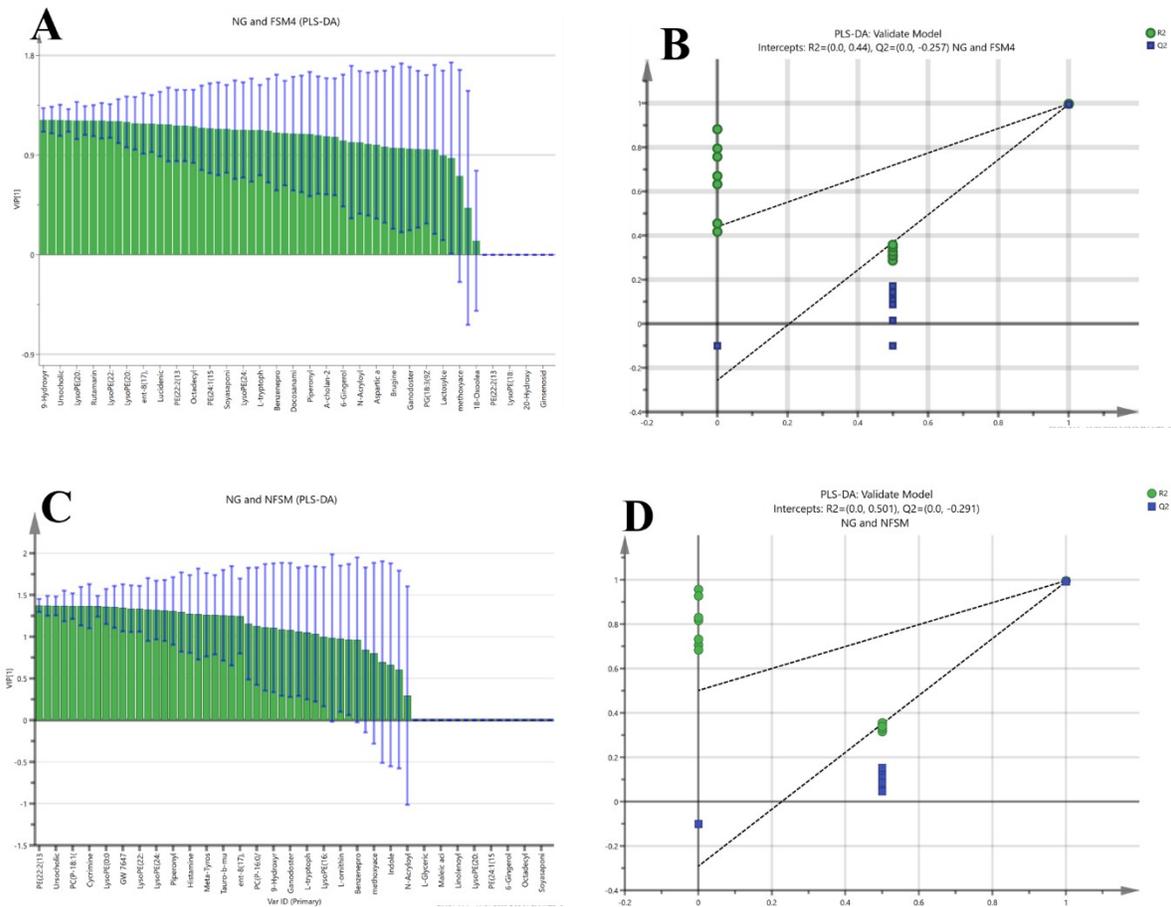


Fig. S4. The permutation and Variable importance in projection (VIP) tests based on the PLS-DA model. The permutation test based on the PLS-DA model between NG and FSM4 groups (A) and between NG and NFSM groups in (C). VIP test based on the PLS-DA model between NG and FSM4 groups (B) and between NG and NFSM groups in (D).