



Figure S1. Effects of *L. plantarum* GUANKE on SCFA profiles of intestinal factors associated with constipation in mice. (a) Acetic acid; (b) propionic acid; (c) isovaleric acid; (d) butyric acid; (e) isobutyric acid; (f) valeric acid; (g) hexanoic acid. Statistical analysis was performed using one-way ANOVA followed by LSD (least significant difference) for multiple comparisons of groups. * $p < 0.05$, ns = no significant difference ($p > 0.05$).