



S3 Fig. Effect of estradiol and sex-associated difference during colitis progression in colonic tissues of each group sacrificed at week 2. Immunoblot analysis of Gα12- and Gα13-regulated proteins (A) and densitometry analysis (B). * $p < 0.05$, ** $p < 0.01$, and *** $p < 0.001$. M, male; F, female; AOM, azoxymethane; DSS, dextran sulfate sodium; estr, estradiol; PKC δ , protein kinase C δ ; GCLC, glutamate-cysteine ligase catalytic subunit; NLRP3, Nod-like receptor protein 3; IL, interleukin.