



**S4 Fig.** Difference between cancer and non-cancer group in F-AOM/DSS group. The mRNA expression of PKC $\delta$ -NRF2-NF- $\kappa$ B-regulated genes in colonic tissues of each group sacrificed at weeks 10 (A) and 16 (B) \* $p < 0.05$ , \*\* $p < 0.01$ , and \*\*\* $p < 0.001$ . M, male; F, female; AOM, azoxymethane; DSS, dextran sulfate sodium; estr, estradiol; CA, cancer group; non-CA, non-cancer group; NRF2, nuclear factor erythroid 2-related factor 2; GCLC, glutamate-cysteine ligase catalytic subunit; COX2, cyclooxygenase 2; iNOS, inducible nitric oxide synthase; IL, interleukin; NLRP3, Nod-like receptor protein 3.