

Supplementary Figures

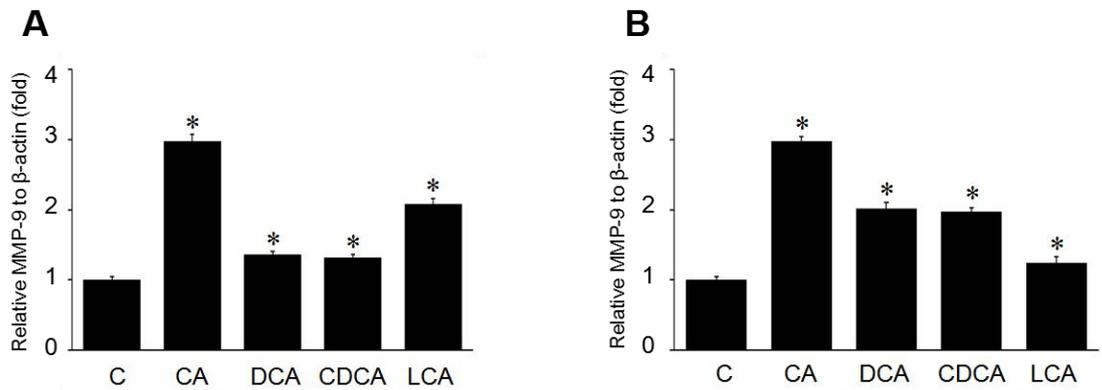


Figure S1. Effect of bile acid on MMP-9 expression in colon cancer cells. SW620 cells (A) and HT29 cells (B) were treated with four different bile acids at 30 μ M for 4 h followed by mRNA extraction and RT-PCR to determine MMP-9 expression level. Data represent the mean \pm standard deviation (SD) from triplicate measurements. * $P < 0.05$ versus control.

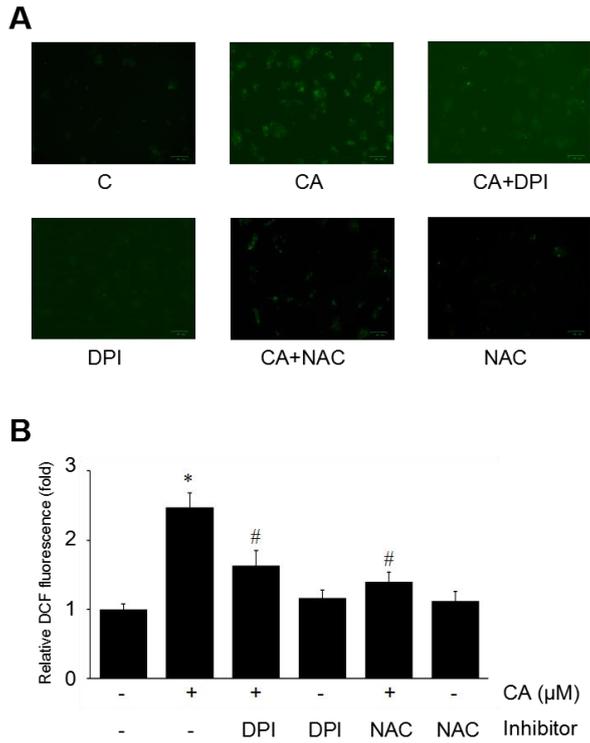


Figure S2. Activation of NADPH oxidase-derived ROS during CA-induced MMP-9 expression in colon cancer cells. SW620 cells pretreated with DPI or NAC for 1 h were incubated with 10 μ M CA for 10 min. (A) Cells were then treated with 5 μ g/ml DCFDA in the dark for 10 min. DCF fluorescence was imaged with a confocal laser scanning fluorescence microscopy. (B) Statistically significant values of ROS production. Data represent the mean \pm standard deviation (SD) from triplicate measurements. * $P < 0.05$ versus control; # $P < 0.05$ versus CA only.