

Supplementary Figure 10. The intestinal bacteria dysbiosis caused by appendectomy play a key role in CRC tumorigenesis. (A) Schematic diagram of a cocktail of broad-spectrum antibiotics treated AOM/DSS-induced CRC mouse model. **(B)** The level of total bacteria in stool samples of mice was determined by qPCR. **(C)** Body weight in male and female mice treated with appendectomy or control; **(D)** Representative images of colon and evaluation of colon tumor load from control and appendectomy groups in male and female mice.

