



Figure S1.

Figure S1. BALB/c mice were treated with DSS in drinking water for two cycles of 7 days each and then administered with vehicle or probiotics formulations by gavage from day 4 to the end of the experiment. Colon samples were used to perform a detailed characterization of cells composition of colonic *lamina propria* by IC-FACS analysis. Data shown are frequency of CD3⁺CD4⁻CD8⁺ T cells, CD3⁺CD4⁺CD8⁻ T helper cells, Treg cells (CD3⁺CD4⁺CD8⁻FoxP3⁺) (**A**) and flow cytometry analysis of CD4 and CD8 expression in CD3⁺ T cells (**B**), and FoxP3 expression in CD3⁺CD4⁺CD8⁻ T helper cells (**C**) derived from colonic *lamina propria*. Frequency of total macrophages CD11b⁺Gr1⁻, M1 (CD11b⁺Gr1⁻CD11c⁺CD206⁻) and M2 (CD11b⁺Gr1⁻CD11c⁻CD206⁺) macrophages subpopulation derived from colonic *lamina propria* (**D**). Results are the mean \pm SEM of 7-11 mice per group. *p < 0.05.