

Supporting Information

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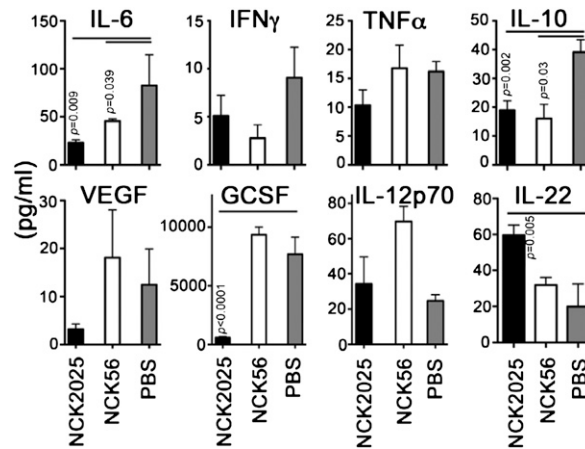


Fig. S1. Impact of treatment of TS4Cre \times cAPC^{lox468} mice by *Lactobacillus acidophilus* strains on serum cytokine levels. Multiplex ELISA was conducted according to the manufacturer's instructions (Millipore) on filtered (0.22 μ m) serum. Results were acquired with a Luminex 100 instrument and analyzed by using xPONENT software (Luminex). Data are listed in the following order: NCK2025/NCK56/PBS solution. IL-6, 23.16 \pm 3.03/45.60 \pm 2.21/82.72 \pm 32.06 ($P = 0.039$, NCK2025 vs. PBS solution; $P = 0.009$, NCK2025 vs. NCK56); IFN- γ , 5.11 \pm 2.13/2.79 \pm 1.39/9.08 \pm 3.17; TNF- α , 10.33 \pm 2.66/16.79 \pm 4.02/16.19 \pm 1.77; IL-10, 18.95 \pm 9.5/16.07 \pm 4.89/39.14 \pm 4.31 ($P = 0.002$, NCK2025 vs. PBS solution; $P = 0.03$, NCK56 vs. PBS solution); VEGF, 3.19 \pm 1.13/18.11 \pm 9.98/12.46 \pm 7.42 ($P = 0.008$, NCK2025 vs. NCK56); G-CSF, 573.3 \pm 109.1/9361 \pm 638.8/7689 \pm 1436 ($P < 0.0001$, NCK2025 vs. PBS solution and NCK56); IL-12p70, 34.15 \pm 15.46/69.76 \pm 8.60/24.64 \pm 3.50 ($P = 0.001$, NCK56 vs. PBS solution); IL-22, 59.57 \pm 5.65/31.85 \pm 4.18/19.89 \pm 12.60 ($P = 0.005$, NCK2025 vs. PBS solution). P values given when statistical significance was achieved. Serum from mice ($n = 5$ per group) treated with PBS solution, NCK56, and NCK2025 were tested in duplicate. Data are representative of two independent experiments.