16s of DSS induced colon inflammation on WT and Nrf2 KO BL6 mice, treated with PEITC and Cranberry

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Experimental design is shown following:

Mice genotype: wide-type and nrf2 KO BL6 mice, 5 mice per cage, 8 cages total. n=3 for 16s sequencing analysis.

Group design: WT (CON, DSS, DSS with PEITC, DSS with Cranberry), same design for Nrf2 KO group.

Treatment: Control (AIN93M, AIN93M with 0.05% PEITC, AIN93M with 3% Cranberry powder)

DSS: 1.2% in distilled water.

Time point: Baseline (week 0), early phase (week 1), late phase (week 8)