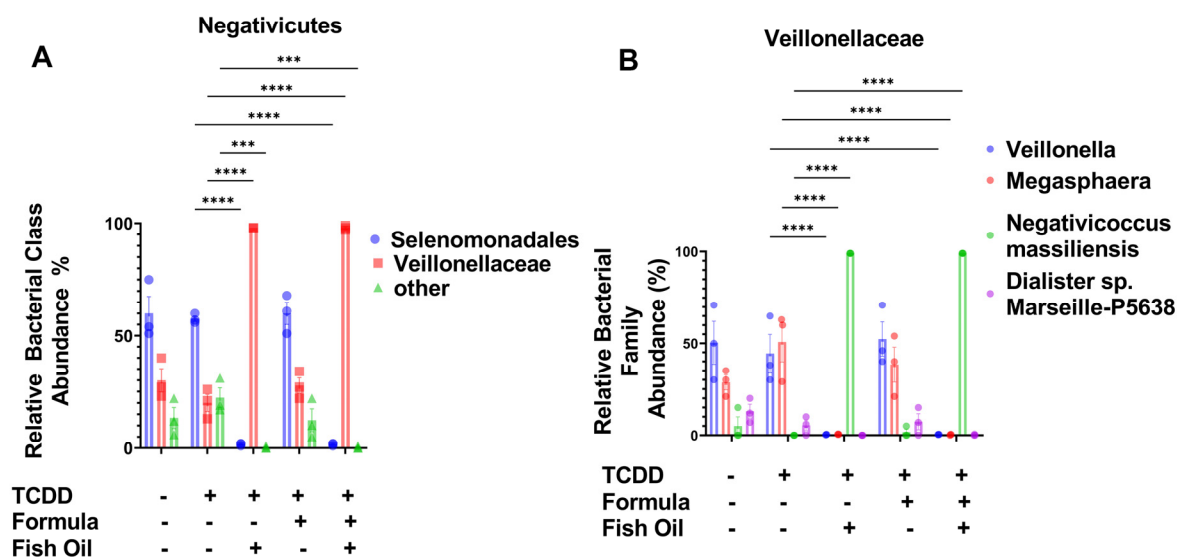


# Supplementary Material



**Figure S1:** A paternal fish oil diet preconception influences Negativicutes orders in intestines of F2<sub>TCDD</sub> pups: **(A)** Bar graphs representing the relative abundance of Negativicutes, **(B)** *Veillonellaceae*, and **(C)** *Selenomonadales*, abundances in the colon contents of offspring. Data were analyzed using one-way ANOVA and the Tukey Post Hoc Test; Data represent the mean  $\pm$  SD from 3 non-littermates \*\*\*  $p \leq 0.001$ , \*\*\*\*  $p \leq 0.0001$ .