**S1 Fig.** (A) Relative abundance of bacteria at the phylum level of male and female CD-1 mice fed “Western-style” control fat (CO) at 10.5 and 13.5 months of age. (B) Relative abundance of bacteria at the phylum level of male and female CD-1 mice fed CO supplemented with 30% fish oil (FO) at 10.5 and 13.5 months of age. (C) Relative abundance of bacteria at the phylum level of male and female CD-1 mice fed CO supplemented with 30% dairy fat (BO) at 10.5 and 13.5 months of age. In males, abundance by counts of *Bacteroidetes* was greater at 13.5 months of age compared to 10.5 months of age (*P* < 0.01). (D) Relative abundance of bacteria at the phylum level of male and female CD-1 mice fed CO supplemented with 30% echium oil (EO) at 10.5 and 13.5 months of age. In males, abundance by counts of *Bacteroidetes* was lower at 13.5 months of age compared to 10.5 months of age (*P* < 0.01). Values are expressed as mean ± standard error of the mean.