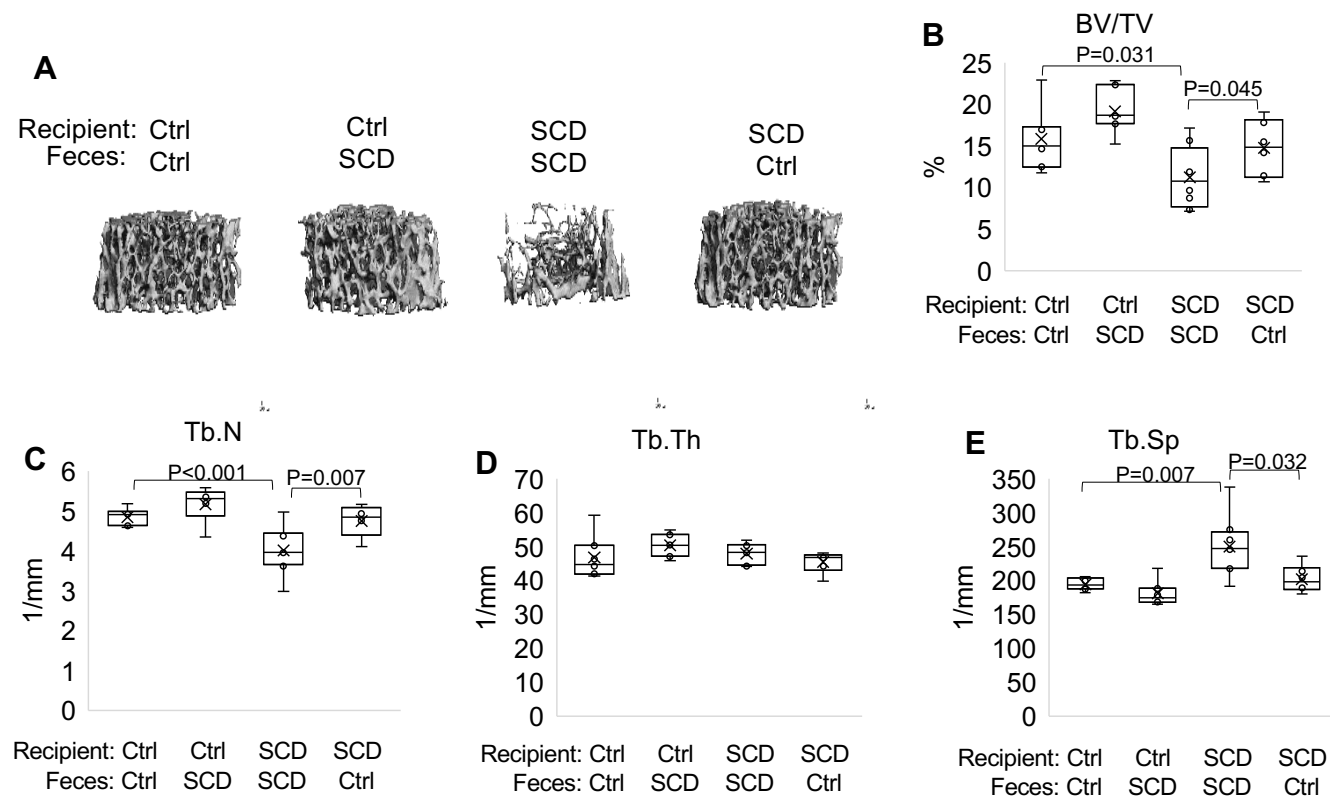
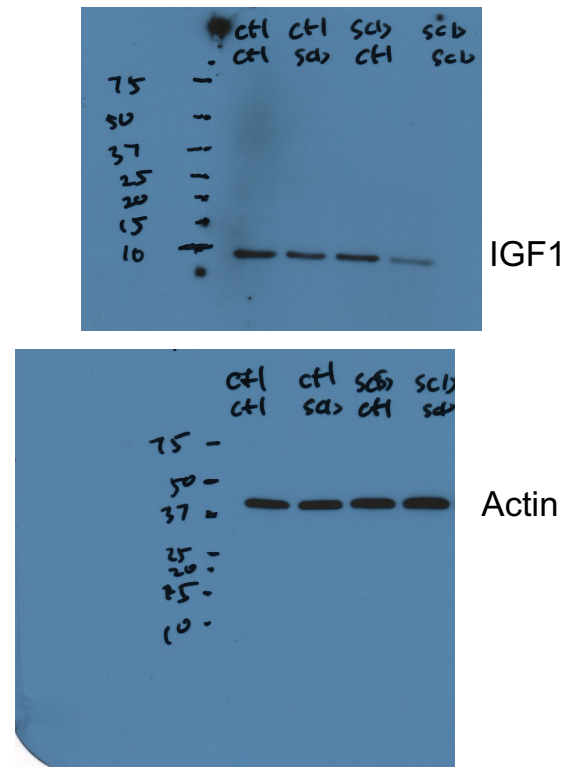




Supplemental Figure 1. Transplantation of the gut microbiome from healthy Ctrl mice ameliorates bone loss in SCD recipient mice (male). μ CT analysis of femur from Ctrl and SCD recipient male mice receiving feces from Ctrl or SCD male mice. Three-month-old Ctrl and SCD male recipient mice subjected to FMT from Ctrl or SCD male donor mice once a week. Six weeks post FMT samples were collected. (A) Representative μ CT images of distal femur metaphysis cancellous bone. (B) BV/TV, (C) Tb.N, (D) Tb.Th, (E) Tb.Sp. Data are shown as box-and-whisker plots, showing all individual data points. Statistical analyses were done using SPSS and p values were calculated using a two-way ANOVA ($\alpha = 0.05$) with Tukey's post hoc analysis.



Supplemental Figure 2. Uncropped Western blots for Figure 7E.