



Figure S1. Increase of the Weighted UniFrac distance of *db/db* group to wildtype AIN-93M group. Kruskal-Wallis test followed by Dunn's post hoc was performed between groups at each time point. Significance ($P < 0.05$) was shown as compact letter. Boxes show the medians and the interquartile ranges (IQRs), the whiskers denote the lowest and highest values that were within 1.5 times the IQR from the first and third quartiles.