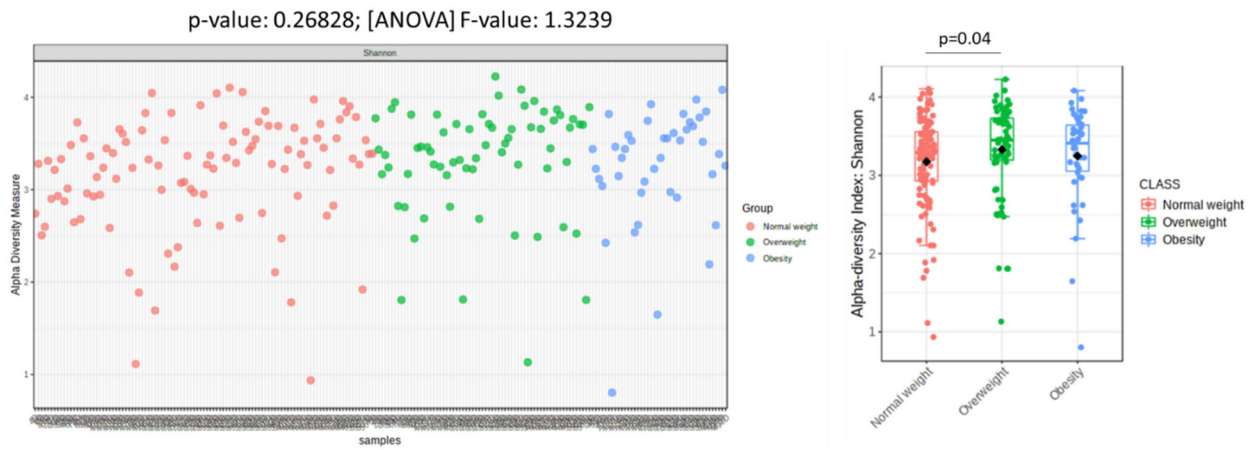
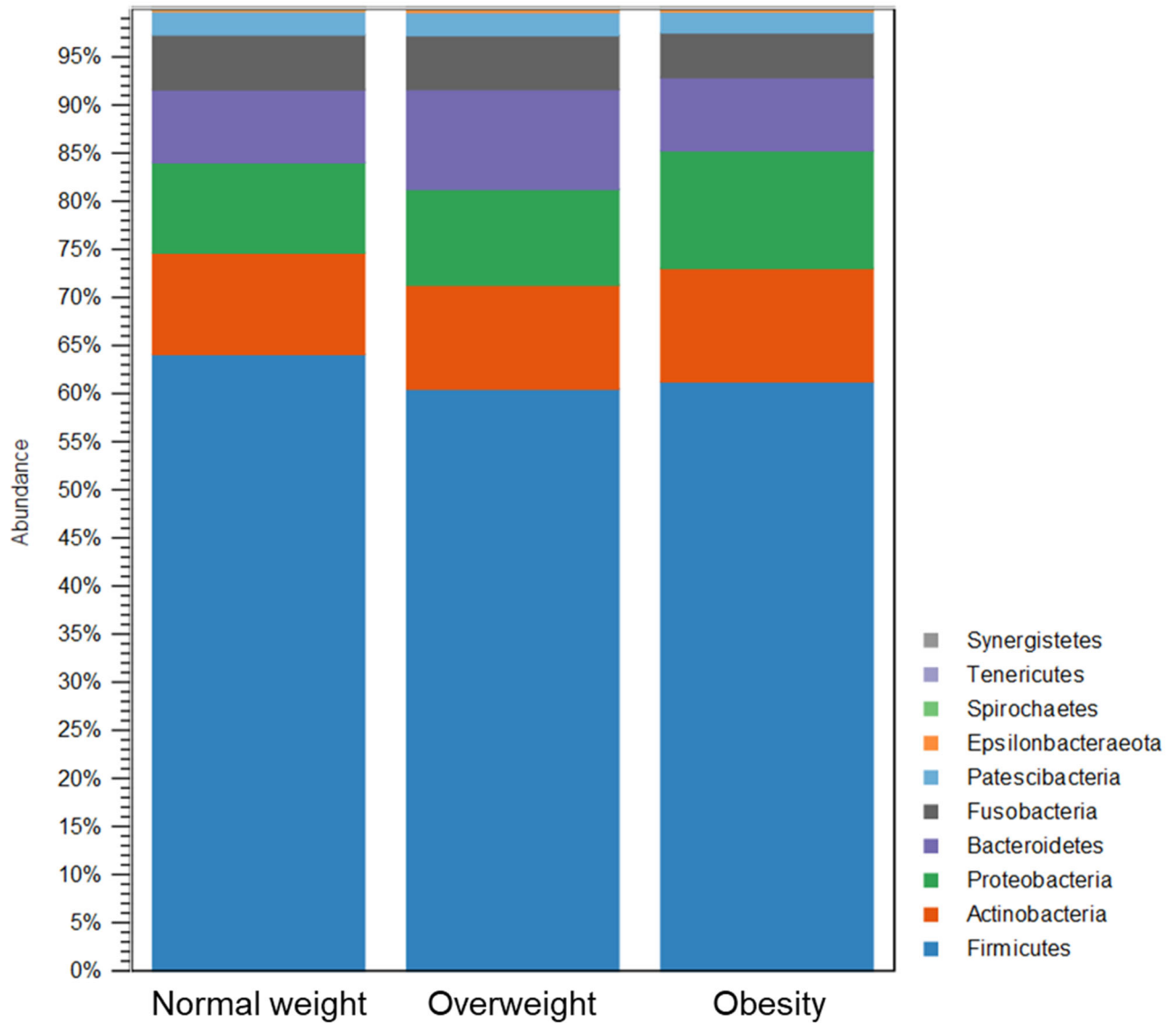


## SUPPLEMENTAL MATERIAL

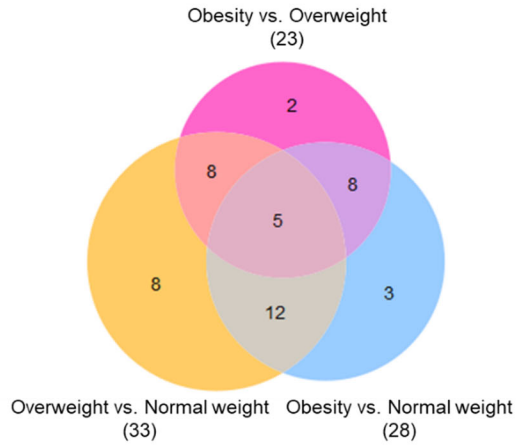


**Supplemental Figure 1.** Small bowel microbial diversity in subjects with normal weight (red), overweight (green) and obesity (blue).

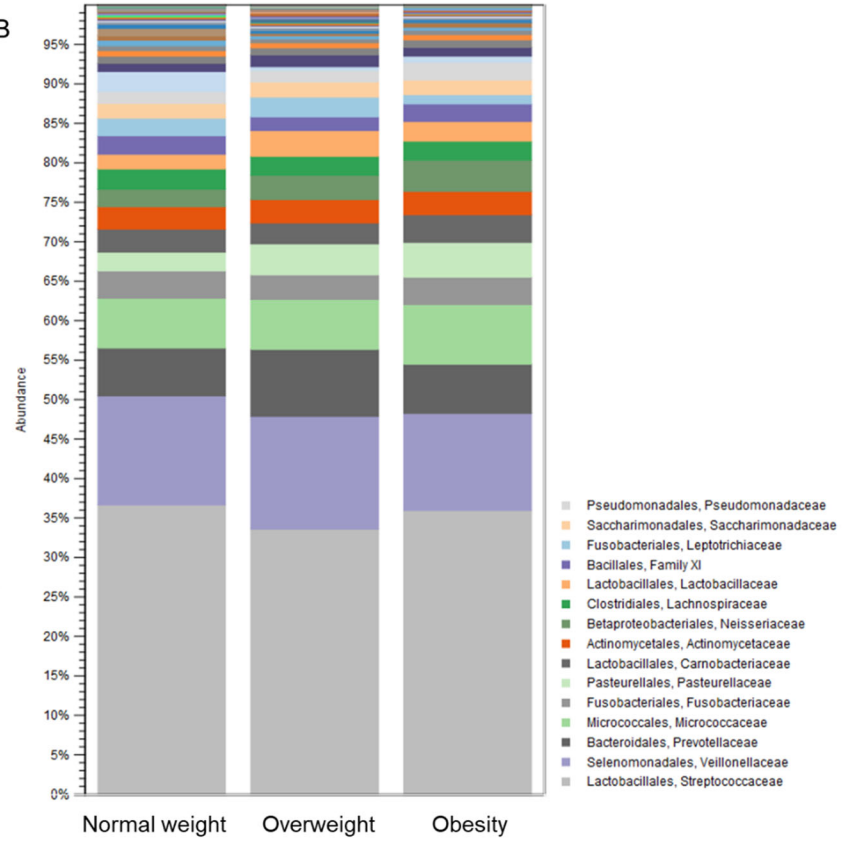


**Supplemental Figure 2.** Duodenal microbiome at the phylum level in subjects with normal weight, overweight and obesity.

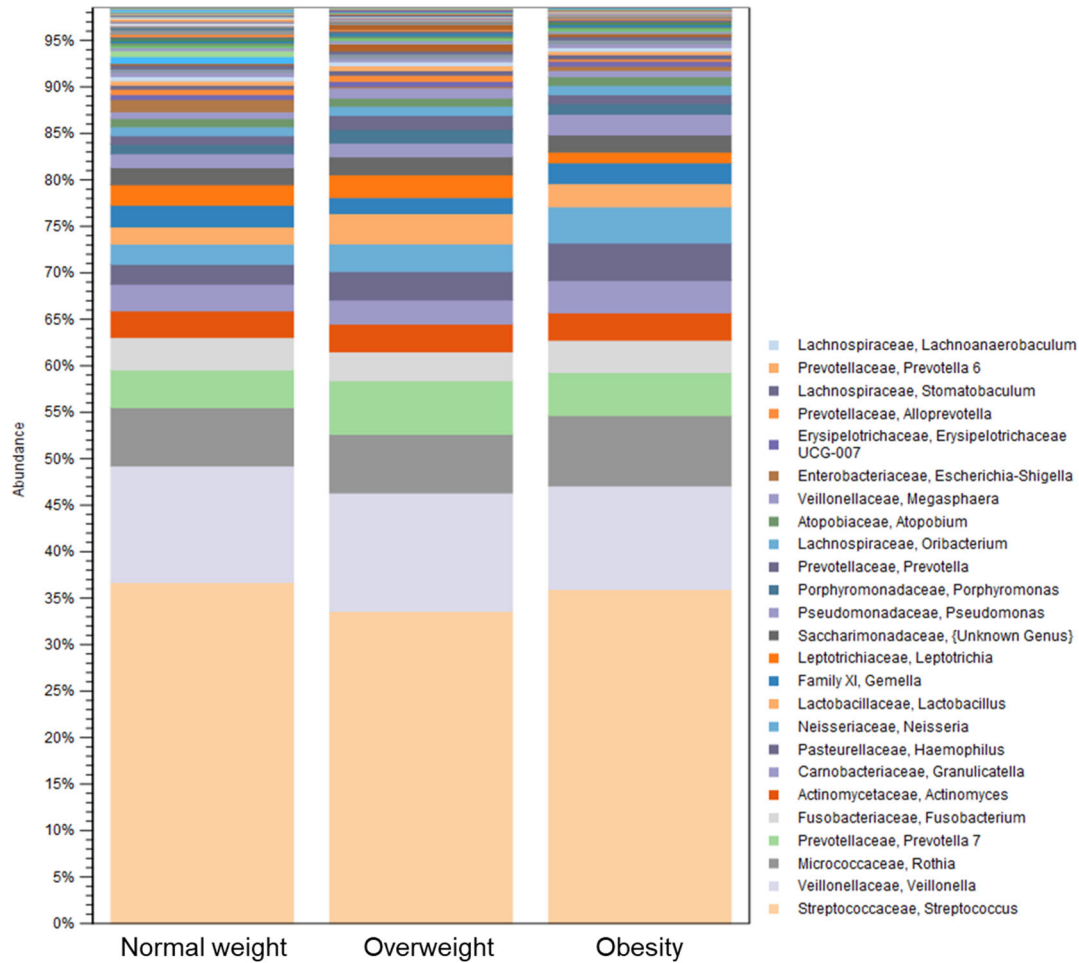
A



B



**Supplemental Figure 3.** Small bowel microbial family differences among subjects with normal weight, overweight, and obesity.



**Supplemental Figure 4.** Small bowel microbiome at the genus level in subjects with normal weight, overweight, and obesity. The top 25 genera are shown on the right.