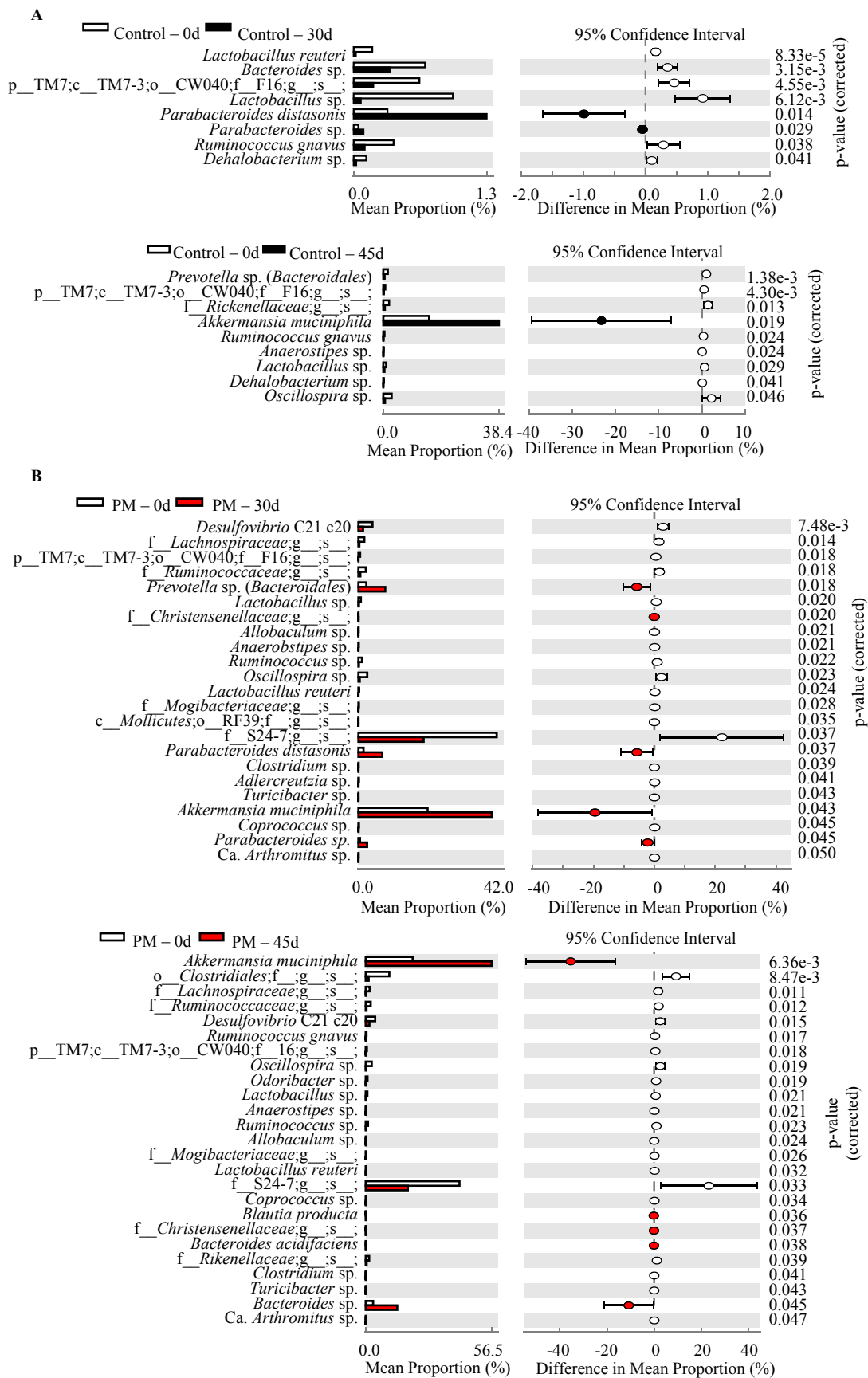
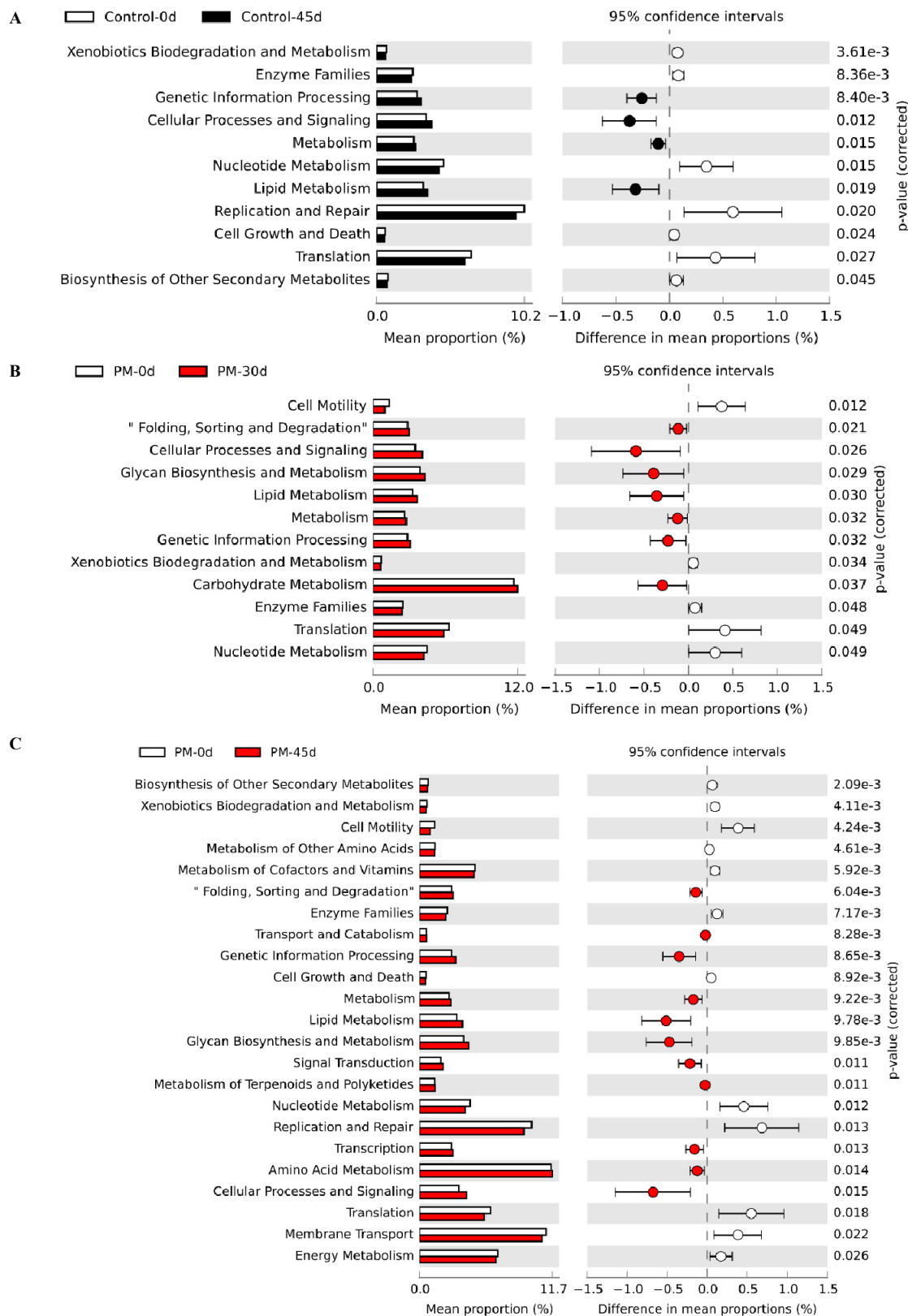
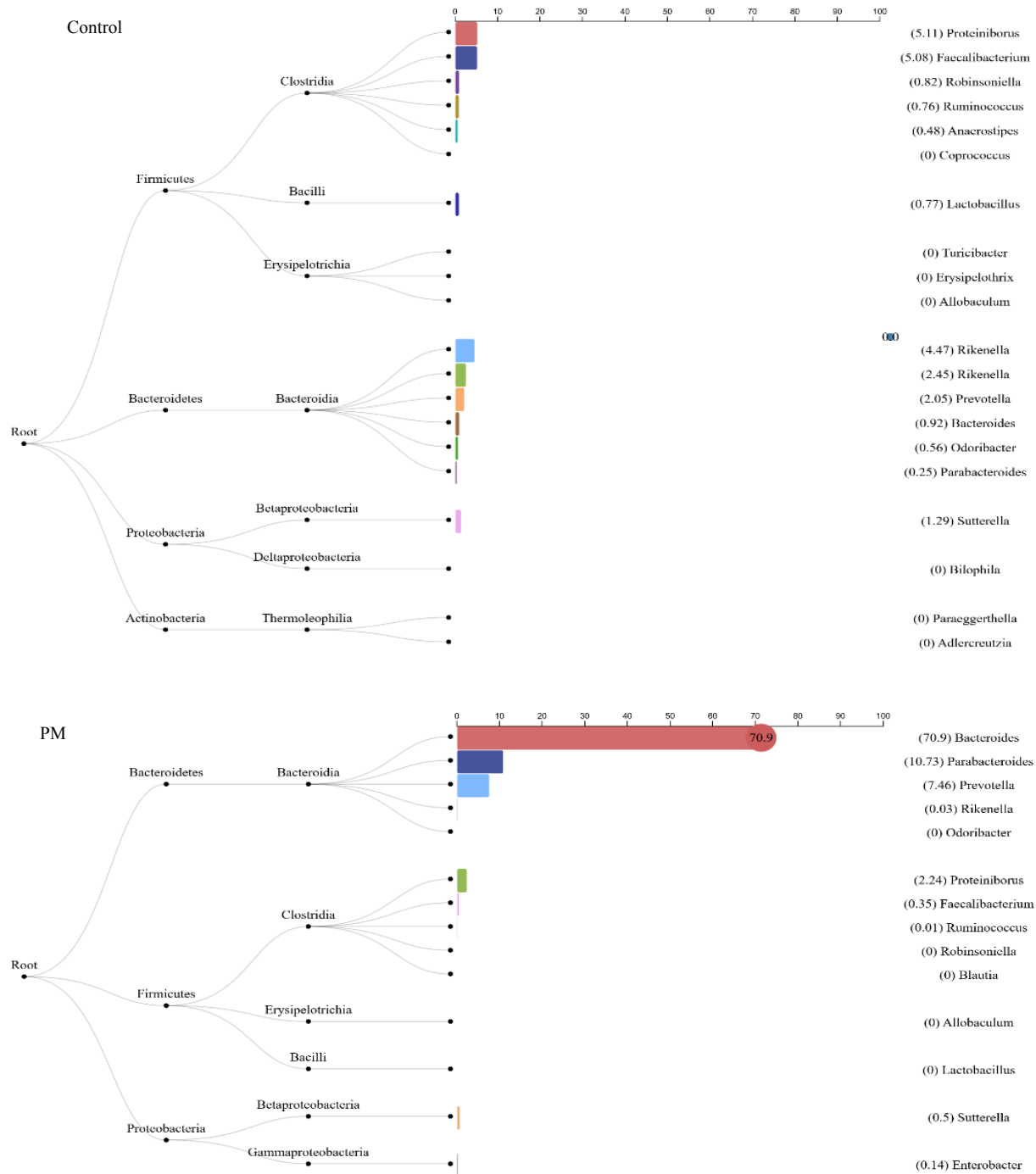




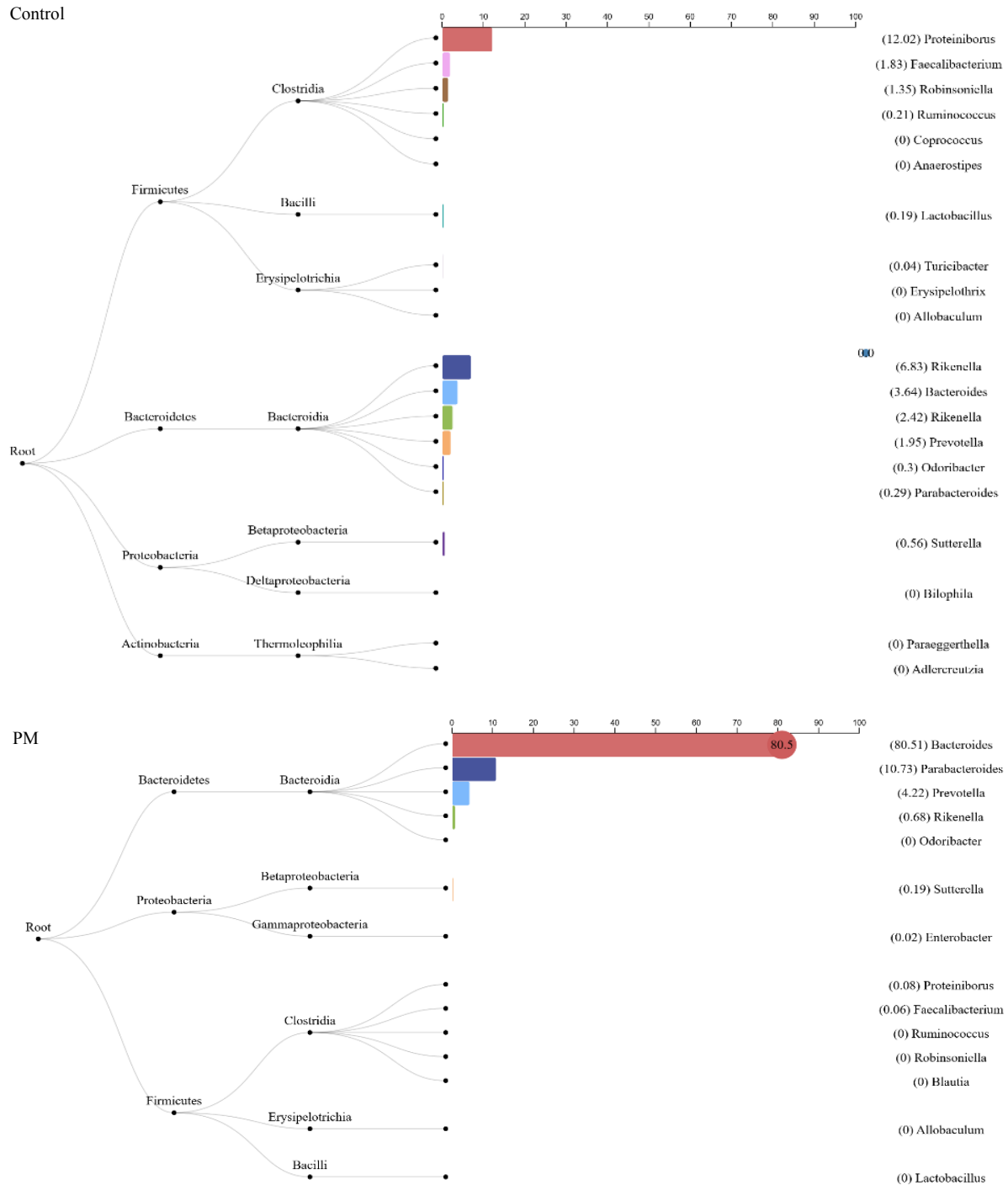
Supplemental Figure 1. Taxonomic profile showing significant time dependent changes at the species level within control (A) and PM treated (B) mice, analyzed using STAMP.



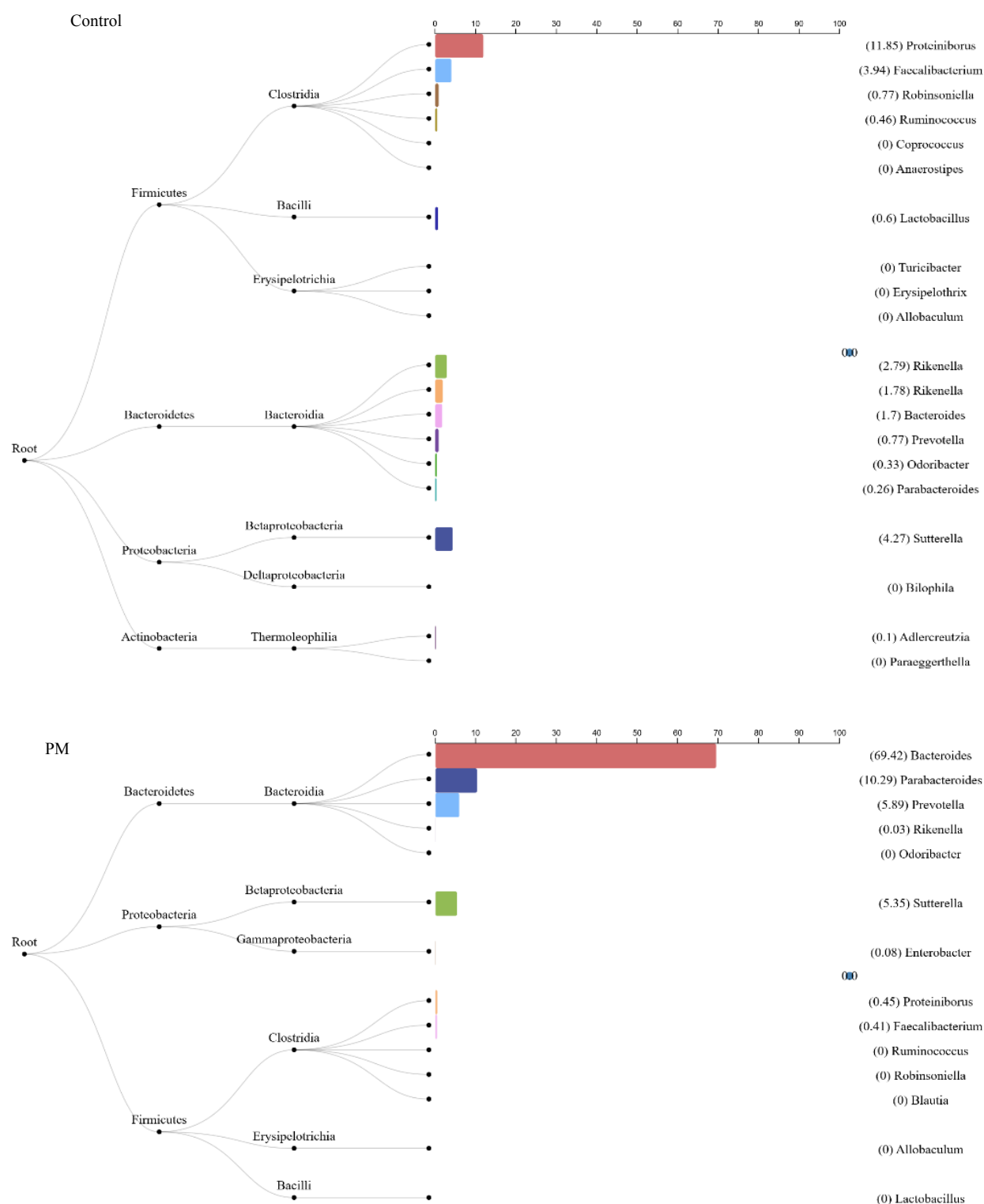
Supplemental Figure 2. Differences in the prevalence of specific functions at the 2nd levels of functional hierarchy were examined in control mice between days 0 and 45 (A) and PM treated mice between days 0 and 30 (B) and days 0 and 45 (C) employing STAMP.



Supplemental Figure 3. Taxa contributing toward the function of fructose and mannose metabolism at day 45 in control and PM treated mice, analyzed employing the Local Mapper tool in iVikodak.



Supplemental Figure 4. Taxa contributing toward the function of glycosaminoglycan degradation at day 45 in control and PM treated mice, analyzed employing the Local Mapper tool in iVikodak.



Supplemental Figure 5. Taxa contributing toward the function of fatty acid biosynthesis at day 45 in control and PM treated mice, analyzed using the Local Mapper tool in iVikodak.