



**Supplemental Figure 2. Distinct predictive metabolic function in GH-/- and bGH microbiome using partial least squares-discriminant analysis (PLS-DA) in Metacyc abundance pathways.** A-B: Score plots of the GH-/- mice and bGH mice compared to respective littermate controls. A. Plot of the GH-/- mice and controls. B. Plot of the bGH mice and controls. C. Top 20 metabolic pathways associated with GH-/- microbiome. (Left: top 10 upregulated; right: top 10 downregulated in GH-/- mice). D. Top 20 metabolic pathways responsible for this differentiation between bGH mice and controls.