

Supporting Information

Marino et al. 10.1073/pnas.1311322111

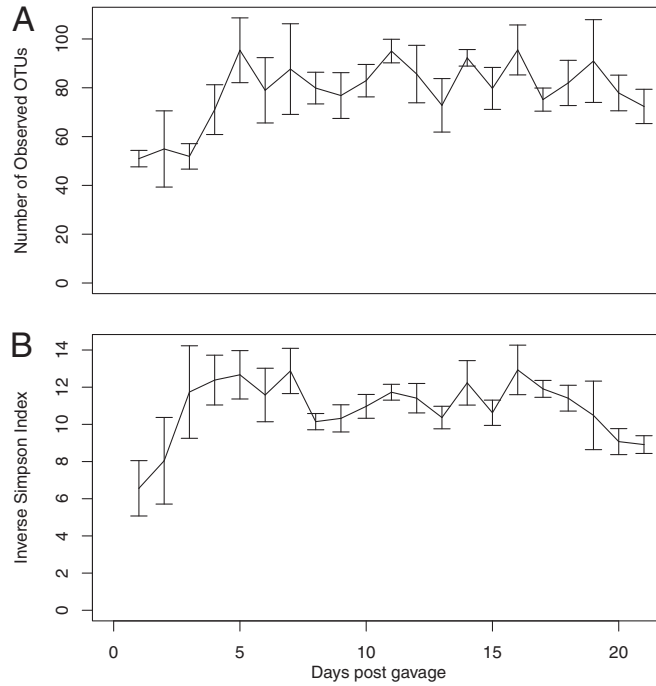


Fig. S1. Changes in the community richness (A) and diversity (B) during first 21 d after colonization of germfree mice with cecal contents from a conventional-raised C57BL/6 mouse. Error bars represent 95% confidence intervals.

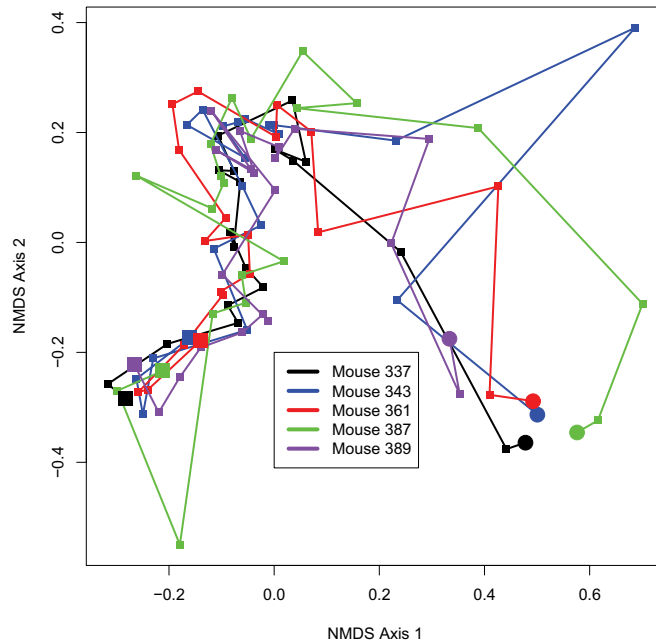


Fig. S2. Nonmetric dimensional scaling ordination of Θ_{VC} distances between the microbial communities sampled in fecal pellets of five mice during the 21 d after colonization. The large circles represent day 1 and the large squares represent day 21. The stress for this ordination was 0.13 and the R^2 between the input distance matrix and the distances calculated based on the ordination was 0.95.

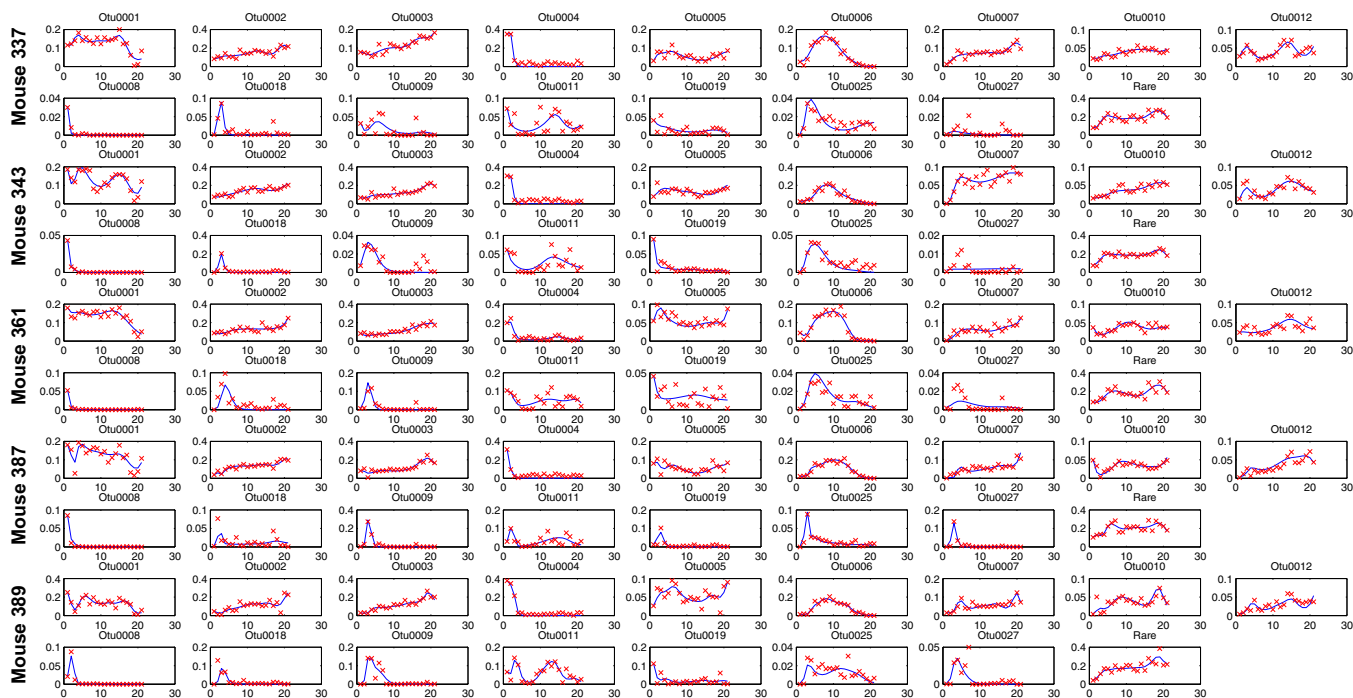


Fig. S3. Observed (red) and modeled (blue) temporal dynamics for each OTU and mouse.

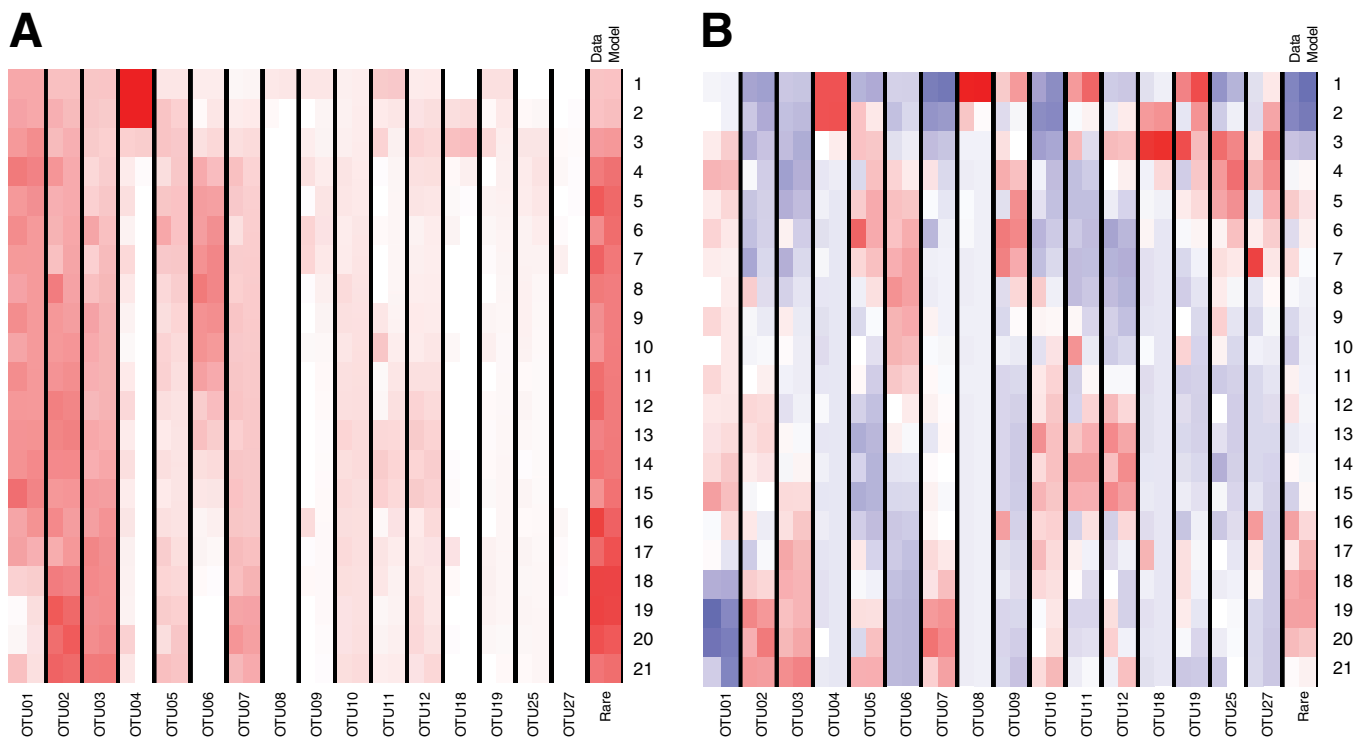


Fig. S4. Heat maps depicting the observed and modeled relative abundance (A; range: 0 to 0.35, white to red) and the Z-score transformed observed and modeled relative abundances (B; range: -4 to 4, blue to red) for mouse 337.

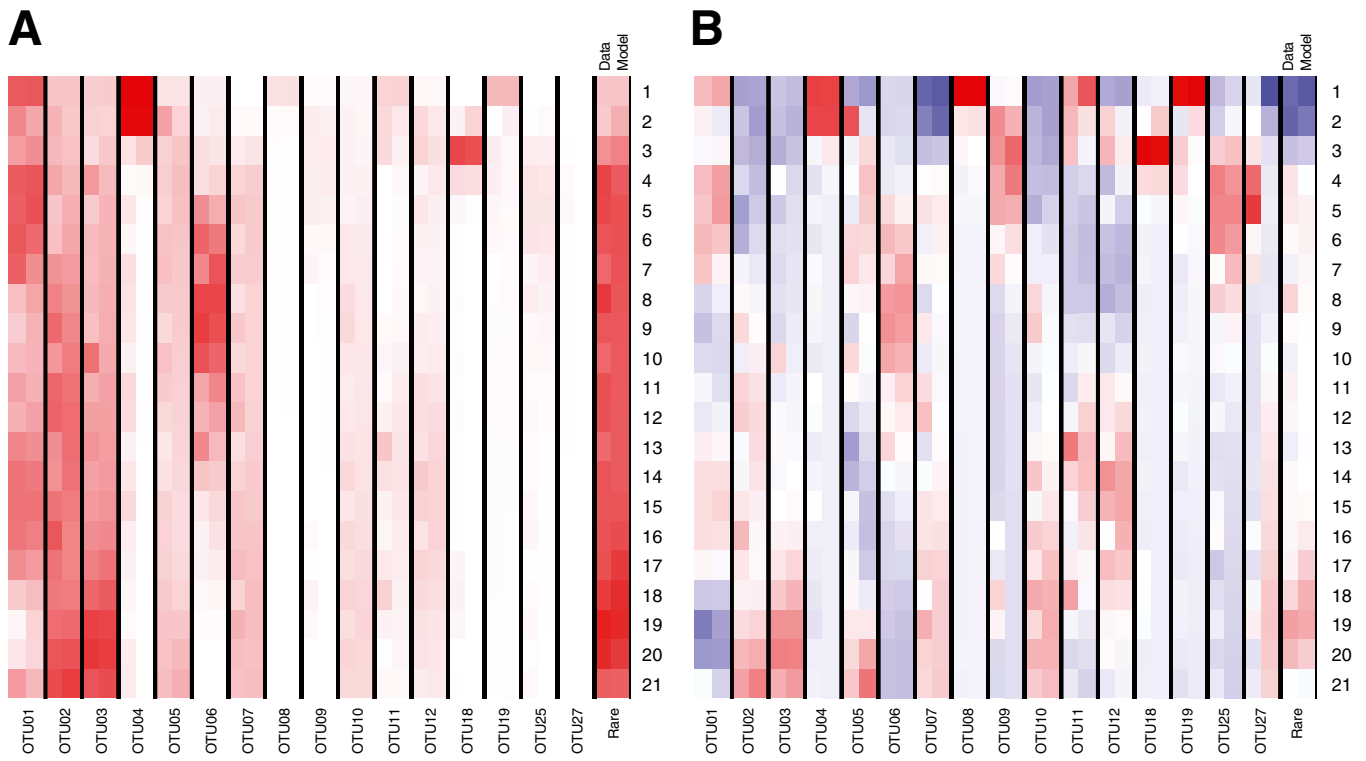


Fig. S5. Heat maps depicting the observed and modeled relative abundance (A; range: 0 to 0.35, white to red) and the Z-score transformed observed and modeled relative abundances (B; range: -4 to 4, blue to red) for mouse 343.

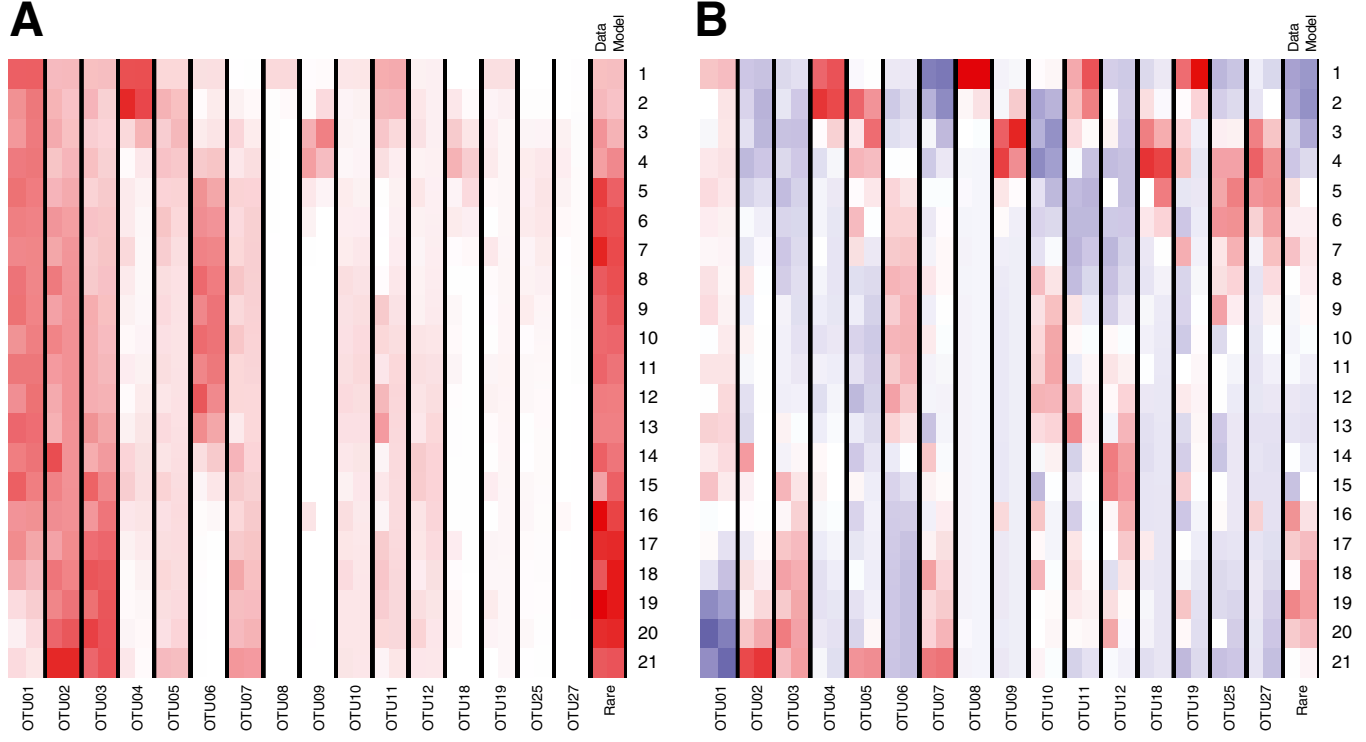


Fig. S6. Heat maps depicting the observed and modeled relative abundance (A; range: 0 to 0.35, white to red) and the Z-score transformed observed and modeled relative abundances (B; range: -4 to 4, blue to red) for mouse 361.

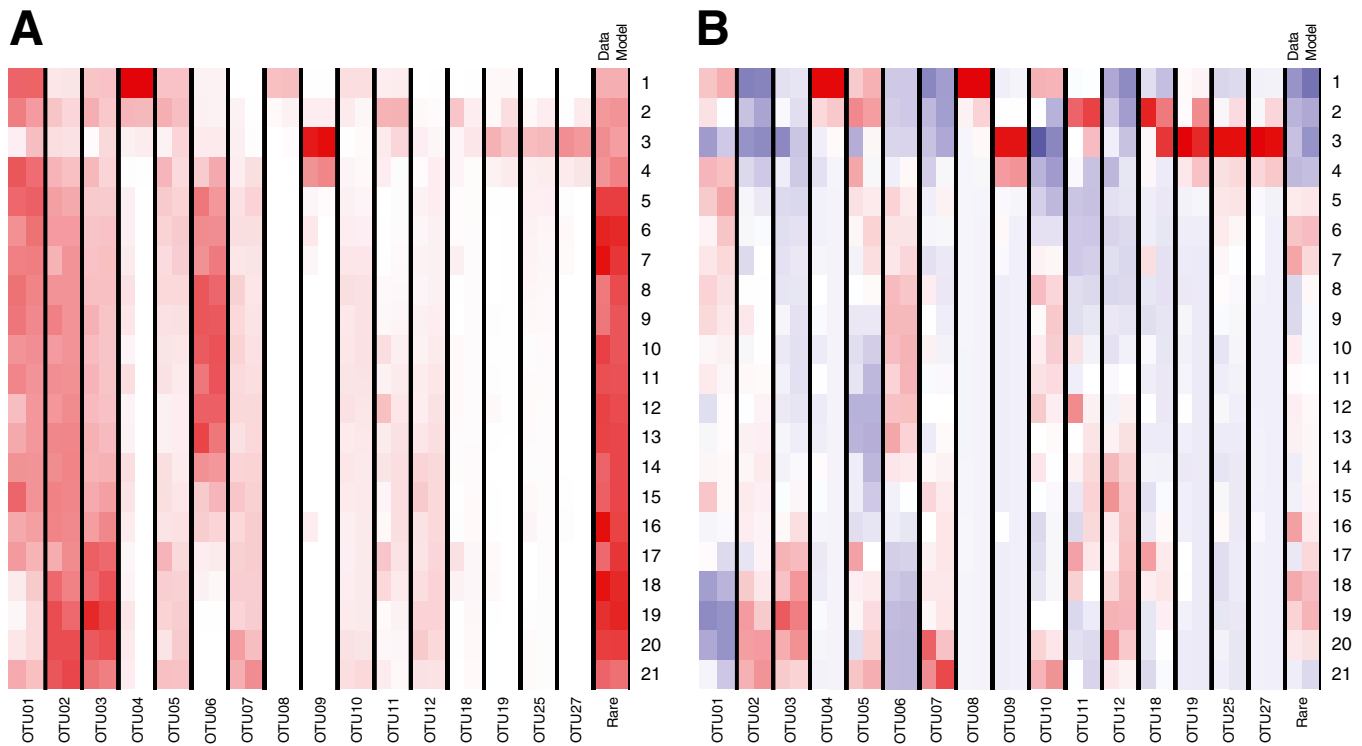


Fig. S7. Heat maps depicting the observed and modeled relative abundance (A; range: 0 to 0.35, white to red) and the Z-score transformed observed and modeled relative abundances (B; range: -4 to 4, blue to red) for mouse 387.

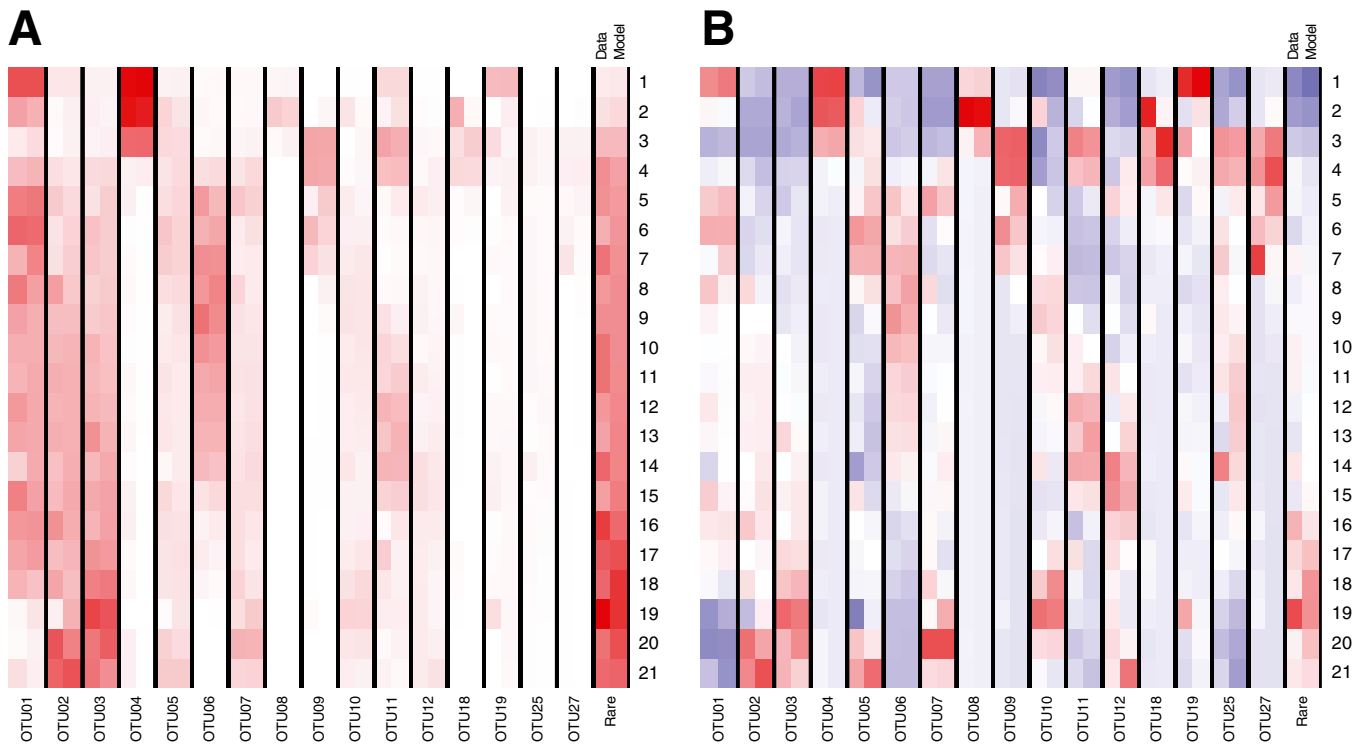


Fig. S8. Heat maps depicting the observed and modeled relative abundance (A; range: 0 to 0.35, white to red) and the Z-score transformed observed and modeled relative abundances (B; range: -4 to 4, blue to red) for mouse 389.

Other Supporting Information Files

[Dataset S1 \(XLSX\)](#)

[Dataset S2 \(XLSX\)](#)

[Dataset S3 \(XLSX\)](#)