

Supplemental Material to:

**Patrick D. Schloss, Alyxandria M. Schubert, Joseph P.
Zackular, Kathryn D.**

Iverson, Vincent B. Young, and Joseph F. Petrosino

**Stabilization of the murine
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Supplementary videos

Video 1. Animated NMDS plot of all fecal samples together in the same ordination. The 180 sec animation rotates along all three axes. The stress for this representation was 0.15. Samples collected between 0 and 9 dpw are in blue, those from 11 to 140 dpw are in green, those from 141-150 dpw are in red, and samples from 364 dpw are in black.

Video 2. Animated NMDS plot of all fecal samples from Female 3 in the same ordination space as was used in Video 1. The stress for this representation was 0.15. Samples collected between 0 and 9 dpw are in blue, those from 11 to 140 dpw are in green, those from 141-150 dpw are in red, and samples from 364 dpw are in black.

Video 3. Animated NMDS plot of all fecal samples from Female 4 in the same ordination space as was used in Video 1. The stress for this representation was 0.15. Samples collected between 0 and 9 dpw are in blue, those from 11 to 140 dpw are in green, and those from 141-150 dpw are in red.

Video 4. Animated NMDS plot of all fecal samples from Female 5 in the same ordination space as was used in Video 1. The stress for this representation was 0.15. Samples collected between 0 and 9 dpw are in blue, those from 11 to 140 dpw are in green, and those from 141-150 dpw are in red.

Video 5. Animated NMDS plot of all fecal samples from Female 6 in the same ordination space as was used in Video 1. The stress for this representation was 0.15. Samples collected between 0 and 9 dpw are in blue, those from 11 to 140 dpw are in green, and those from 141-150 dpw are in red.

Video 6. Animated NMDS plot of all fecal samples from Female 7 in the same ordination space as was used in Video 1. The stress for this representation was 0.15.

Samples collected between 0 and 9 dpw are in blue, those from 11 to 140 dpw are in green, and those from 141-150 dpw are in red.

Video 7. Animated NMDS plot of all fecal samples from Female 8 in the same ordination space as was used in Video 1. The stress for this representation was 0.15.

Samples collected between 0 and 9 dpw are in blue, those from 11 to 140 dpw are in green, and those from 141-150 dpw are in red.

Video 8. Animated NMDS plot of all fecal samples from Male 1 in the same ordination space as was used in Video 1. The stress for this representation was 0.15.

Samples collected between 0 and 9 dpw are in blue, those from 11 to 140 dpw are in green, those from 141-150 dpw are in red, and samples from 364 dpw are in black.

Video 9. Animated NMDS plot of all fecal samples from Male 2 in the same ordination space as was used in Video 1. The stress for this representation was 0.15.

Samples collected between 0 and 9 dpw are in blue, those from 11 to 140 dpw are in green, those from 141-150 dpw are in red, and samples from 364 dpw are in black.

Video 10. Animated NMDS plot of all fecal samples from Male 3 in the same ordination space as was used in Video 1. The stress for this representation was 0.15.

Samples collected between 0 and 9 dpw are in blue, those from 11 to 140 dpw are in green, and those from 141-150 dpw are in red.

Video 11. Animated NMDS plot of all fecal samples from Male 4 in the same ordination space as was used in Video 1. The stress for this representation was 0.15.

Samples collected between 0 and 9 dpw are in blue, those from 11 to 140 dpw are in green, and those from 141-150 dpw are in red.

Video 12. Animated NMDS plot of all fecal samples from Male 5 in the same ordination space as was used in Video 1. The stress for this representation was 0.15.

Samples collected between 0 and 9 dpw are in blue, those from 11 to 140 dpw are in green, and those from 141-150 dpw are in red.

Video 13. Animated NMDS plot of all fecal samples from Male 6 in the same ordination space as was used in Video 1. The stress for this representation was 0.15.

Samples collected between 0 and 9 dpw are in blue, those from 11 to 140 dpw are in green, and those from 141-150 dpw are in red.