

**Figure S2.** Principal coordinate analysis of Bray-Curtis dissimilarities among conventional mice associated with the first donor pair. Abx refers to the antibiotic control group following gavage with water. Circles ( $\circ$ ) denote females and squares ( $\square$ ) denote males. Groups as denoted by color and text differed significantly in pairwise comparisons by ANOSIM (experimental R = 0.78,  $P \le 0.002$ , Bonferroni-adjusted  $\alpha$ =0.002).