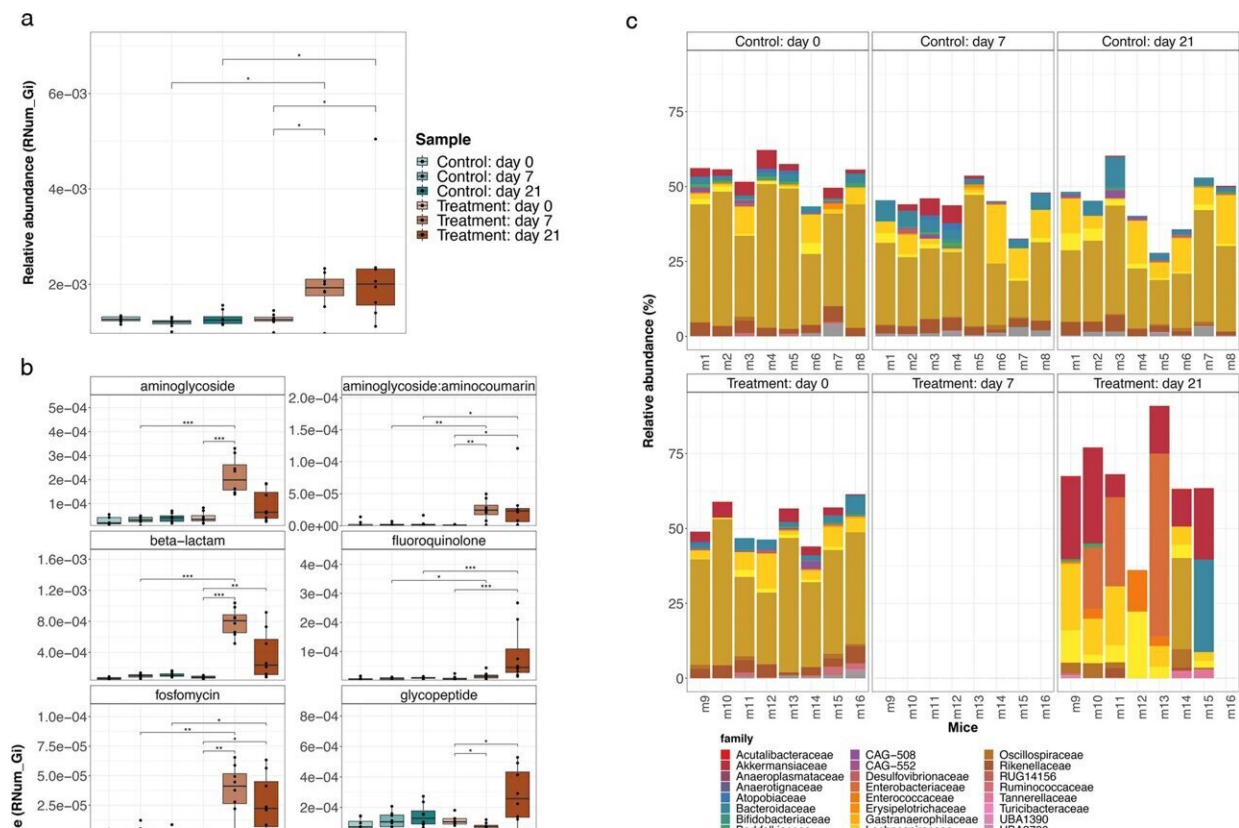


Antibiotics impact gut microbiome and antimicrobial resistance

May 9 2022



Resistome in antibiotic-treated mice. **a** Overall ARG relative abundance levels are shown for each group (n = 8 biological replicates). *represents significance with an adjusted p-value less than 0.05 as assessed using a Wilcoxon rank-sum test. The center line denotes the median value (50th percentile), while the outer lines of the box represent the 25th to 75th percentiles. The black whiskers mark the 5th and 95th percentiles. **b** Significantly differentially abundant AMR categories found to be enriched in the mice treated with antibiotics compared across different timepoints, i.e., day 0, day 7, and day 21, *adjusted p-value

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