



Supplementary Figure S5 Differences in infant stool microbiome by delivery mode are transient:

(A) Principal component analysis (PCA) of *cpn60* stool microbiome profiles from 10-day-old infants, grouped by delivery mode (pairwise PERMANOVA, $P < 0.01$, all comparisons). (B) Median scores across the first principal component from 10-day-old infant stool microbiomes (bars indicate 95% CI, Kruskal-Wallis test w/ Dunn's correction, ** = $P < 0.01$, **** = $P < 0.0001$). (C) (PCA) of *cpn60* stool microbiome profiles from 3-month-old infants, grouped by delivery mode (pairwise PERMANOVA, $P < 0.05$, vaginal vs. both C/S). (D&E) Alpha diversity of stool microbiomes from 10-day (D) and 3-month (E) -old infants (bars indicate 1.5x IQR). Identical letters indicate no significant difference between groups (Kruskal-Wallis test w/ Dunn's correction).