

Table S2. Differences in the logit-transformed relative abundances of bacterial ASVs associated with delivery mode at 12 months of age, after adjustment for maternal pre-pregnancy BMI and breastfeeding in beta-binomial models. Unadjusted Mann-Whitney U test p-values provided in rightmost column.

Beta	SE	FDR p-value	Phylum	Class	Order	Family	Genus	Species	Mann-Whitney U p-value
3.46	0.79	<0.001	Verrucomicrobia	Verrucomicrobiae	Verrucomicrobiales	Verrucomicrobiaceae	Akkermansia	muciniphila	0.72
2.87	1.09	0.036	Firmicutes	Clostridia	Clostridiales	Clostridiaceae	Clostridium	NA	0.96
2.81	0.88	0.01	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	NA	NA	0.73
2.60	0.94	0.026	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	Erwinia	NA	0.74
-1.05	0.38	0.024	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	NA	0.18
-1.66	0.59	0.025	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Lachnoclostridium	hathewayi	0.87
-1.76	0.67	0.038	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Lachnoclostridium	NA	0.49
-2.86	0.93	0.013	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	[Ruminococcus]	NA	0.93
-3.08	0.94	0.008	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Lachnoclostridium	NA	0.04
-3.34	1.21	0.027	Proteobacteria	Deltaproteobacteria	Desulfovibrionales	Desulfovibrionaceae	Bilophila	wadsworthia	0.69
-3.42	1.04	0.007	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae	Veillonella	NA	0.71
-4.66	1.08	<0.001	Firmicutes	Negativicutes	Selenomonadales	Acidaminococcaceae	Acidaminococcus	intestini	0.98
-6.91	0.78	<0.001	Verrucomicrobia	Verrucomicrobiae	Verrucomicrobiales	Verrucomicrobiaceae	Akkermansia	NA	0.31