

Supplementary Material

Table S1. Comparison of numbers of ASVs and Shannon indices in neonatal oral and fecal samples between + IAP groups

Neonatal oral swab					
	n	Number of ASVs		Shannon index	
		median	<i>p</i>-value	median	<i>p</i>-value
+IAP CS	18	9	0.899	1.149	0.145
+IAP VD	15	9		0.510	

Neonatal meconium					
	n	Number of ASVs		Shannon index	
		median	<i>p</i>-value	median	<i>p</i>-value
+IAP CS	9	10	0.388	0.747	0.065
+IAP VD	10	7		1.026	

Neonatal transitional stool					
	n	Number of ASVs		Shannon index	
		median	<i>p</i>-value	median	<i>p</i>-value
+IAP CS	9	13	0.592	1.646	0.083
+IAP VD	5	9		0.373	

N, number of cases; ASVs, amplicon sequence variants; +IAP, with intrapartum antibiotic prophylaxis; -IAP, without intrapartum antibiotic prophylaxis; CS, C-section; VD, vaginal delivery