

Table S2. Percentage of taxa in the mother's vagina and feces and in the offspring intestine at day 1, 3 and 9, and 21 of age.

		Mean and Standard Deviation						
		Mothers			Offspring			
Phylum	Family (Genus)	Vagina	Feces		Intestine			Feces
		d1Post-delivery (N=6)	d1 Post-delivery (N=6)	d21 Post-delivery (N=5)	Day1 (N=6)	Day 3 (N=6)	Day 9 (N=6)	Day 21 (N=10)
Proteobacteria	Rhodobacteraceae (Paracoccus)	45.30 ± 6.72	0.00	0.00	0.01 ± 0.03	0.00	0.00	0.00
Proteobacteria	Sphingomonadaceae (Sphingomonas)	30.92 ± 5.23	0.00	0.00	0.02 ± 0.05	0.00	0.00	0.00
Firmicutes	Streptococcaceae (Streptococcus)	8.95 ± 5.82	0.03 ± 0.06	0.06 ± 0.13	41.25 ± 24.7	45.82 ± 36.31	13.75 ± 7.76	2.06 ± 5.87
Firmicutes	Staphylococcaceae (Staphylococcus)	3.71 ± 1.27	0.11 ± 0.13	0.05 ± 0.12	3.16 ± 3.30	3.00 ± 5.83	0.00	0.01 ± 0.02
Proteobacteria	Pasteurellaceae (Pasteurella)	2.80 ± 2.91	0.00	0.00	4.01 ± 5.74	17.24 ± 11.10	14.57 ± 14.86	0.03 ± 0.05
Firmicutes	Incertae Sedis XI (Gemella)	1.47 ± 1.07	0.00	0.00	0.00	0.65 ± 1.50	3.80 ± 3.23	0.01 ± 0.03
Firmicutes	Lachnospiraceae	0.84 ± 1.05	16.46 ± 12.45	18.57 ± 13.00	2.43 ± 2.97	0.07 ± 0.09	0.09 ± 0.20	24.22 ± 13.99
Bacteroidetes	Porphyromonadaceae (Porphyromonas)	0.71 ± 1.18	0.00	0.00	0.01 ± 0.03	0.00	0.00	0.00
Actinobacteria	Corynebacteriaceae (Corynebacterium)	0.56 ± 0.41	0.93 ± 1.42	0.00	0.73 ± 0.99	0.30 ± 0.34	0.05 ± 0.08	0.02 ± 0.07
Firmicutes	Bacillaceae 1 (Bacillus a)	0.54 ± 0.42	0.00	0.00	0.26 ± 0.28	0.01 ± 0.02	0.00	0.00
Bacteria	Unknown	0.53 ± 0.45	11.90 ± 6.71	10.79 ± 7.08	7.69 ± 7.06	0.45 ± 0.42	0.13 ± 0.15	5.63 ± 6.36
Proteobacteria	Helicobacteriaceae (Helicobacter)	0.39 ± 0.74	0.25 ± 0.44	0.14 ± 0.31	0.67 ± 1.39	0.02 ± 0.03	0.03 ± 0.08	0.63 ± 0.67
Firmicutes	Lactobacillaceae (Lactobacillus)	0.33 ± 0.41	7.74 ± 6.64	22.42 ± 14.54	0.59 ± 0.65	29.34 ± 33.46	63.84 ± 19.56	18.68 ± 16.87
Proteobacteria	Moraxellaceae (Psychrobacter)	0.30 ± 0.32	0.14 ± 0.19	0.02 ± 0.05	0.40 ± 0.78	0.02 ± 0.06	0.00	0.00
Firmicutes	Carnobacteriaceae (Carnobacteriaceae 1)	0.29 ± 0.53	0.00	0.00	0.40 ± 0.50	0.48 ± 0.33	2.48 ± 3.62	0.02 ± 0.05
Firmicutes	Enterococcaceae (Enterococcus)	0.28 ± 0.25	0.00	0.00	0.03 ± 0.06	0.00	0.00	0.00
Proteobacteria	Pseudomonadaceae (Pseudomonas)	0.25 ± 0.13	0.00	0.00	0.09 ± 0.07	0.00	0.00	0.00
Firmicutes	Clostridiales	0.23 ± 0.26	4.63 ± 4.12	3.63 ± 2.55	1.74 ± 1.36	0.06 ± 0.04	0.04 ± 0.10	17.68 ± 9.03
Proteobacteria	Enterobacteriaceae	0.23 ± 0.17	0.00	0.05 ± 0.10	0.13 ± 0.18	0.06 ± 0.09	0.27 ± 0.44	0.40 ± 0.35
Firmicutes	Jeotgaliococcus	0.20 ± 0.21	0.35 ± 0.52	0.00	0.15 ± 0.12	0.01 ± 0.02	0.00	0.00
Cyanobacteria	Streptophyta	0.20 ± 0.21	0.03 ± 0.05	0.02 ± 0.04	2.78 ± 2.13	0.28 ± 0.34	0.01 ± 0.03	0.10 ± 0.08
Firmicutes	Ruminococcaceae	0.18 ± 0.19	2.74 ± 2.11	1.26 ± 0.81	0.63 ± 0.67	0.03 ± 0.03	0.01 ± 0.03	3.01 ± 2.02
Bacteroidetes	Prevotellaceae	0.17 ± 0.11	27.40 ± 16.17	7.60 ± 7.94	3.85 ± 4.10	0.20 ± 0.24	0.05 ± 0.07	0.78 ± 0.62
Proteobacteria	Xanthomonadaceae (Stenotrophomonas)	0.16 ± 0.17	0.00	0.00	0.08 ± 0.13	0.01 ± 0.02	0.00	0.00
Firmicutes	Aerococcaceae (Facklamia)	0.12 ± 0.11	0.02 ± 0.04	0.02 ± 0.05	0.23 ± 0.30	0.01 ± 0.03	0.00	0.00
Bacteroidetes	Bacteroidaceae (Bacteroides)	0.10 ± 0.15	2.99 ± 3.98	1.29 ± 2.24	0.41 ± 0.59	0.04 ± 0.09	0.00	23.17 ± 18.81
Firmicutes	Clostridiaceae 1 (Clostridium)	0.04 ± 0.08	1.26 ± 3.10	1.15 ± 2.56	0.00	0.01 ± 0.02	0.00	0.00
Firmicutes	Lachnospiraceae (Bryantella)	0.03 ± 0.05	1.31 ± 1.13	1.14 ± 1.16	0.05 ± 0.09	0.00	0.00	0.62 ± 0.73
Bacteroidetes	Flavobacteriaceae	0.03 ± 0.03	0.00	0.00	0.43 ± 0.83	0.05 ± 0.09	0.09 ± 0.10	0.00
Firmicutes	Clostridia	0.03 ± 0.05	0.15 ± 0.28	0.06 ± 0.13	0.37 ± 0.28	0.03 ± 0.08	0.09 ± 0.23	0.29 ± 0.40
Proteobacteria	Pasteurellaceae	0.03 ± 0.05	0.00	0.00	7.22 ± 11.25	0.73 ± 1.29	0.4 ± 0.55	0.00
Firmicutes	Erysipelotrichaceae (Turicibacter)	0.03 ± 0.05	16.21 ± 20.88	26.98 ± 13.71	0.34 ± 0.46	0.00	0.00	0.06 ± 0.12
Bacteroidetes	Rikenellaceae (Rikenella)	0.02 ± 0.05	0.10 ± 0.16	0.09 ± 0.16	0.04 ± 0.09	0.00	0.00	0.02 ± 0.05
Proteobacteria	Desulfovibrionaceae (Desulfovibrio)	0.02 ± 0.05	0.02 ± 0.05	0.00	0.00	0.00	0.00	0.08 ± 0.24
Firmicutes	Lachnospiraceae (Lachnospiraceae Incertae Sedis)	0.01 ± 0.03	0.82 ± 0.47	0.71 ± 0.61	0.12 ± 0.13	0.01 ± 0.02	0.00	1.07 ± 0.62
Firmicutes	Erysipelotrichaceae (Erysipelotrichaceae Incertae Sedis)	0.01 ± 0.03	0.10 ± 0.26	0.98 ± 1.70	0.00	0.00	0.00	0.33 ± 0.64
Firmicutes	Bacillales	0.01 ± 0.02	0.03 ± 0.07	0.00	0.01 ± 0.03	0.00	0.00	0.00
Firmicutes	Veillonellaceae	0.01 ± 0.02	0.00	0.00	0.33 ± 0.27	0.00	0.00	0.00
Actinobacteria	Propionibacteriaceae (Propionibacterium)	0.00	0.00	0.00	0.13 ± 0.27	0.22 ± 0.55	0.00	0.00
Actinobacteria	Coriobacteriaceae	0.00	0.15 ± 0.23	0.28 ± 0.31	0.04 ± 0.09	0.00	0.00	0.10 ± 0.24
Bacteroidetes	Bacteroidales	0.00	2.53 ± 3.02	0.34 ± 0.41	0.01 ± 0.03	0.00	0.00	0.07 ± 0.08
Bacteroidetes	Prevotellaceae (Prevotella)	0.00	0.27 ± 0.24	0.02 ± 0.05	0.00	0.00	0.00	0.04 ± 0.08
Bacteroidetes	Rikenellaceae (Alistipes)	0.00	0.34 ± 0.31	0.15 ± 0.20	0.08 ± 0.18	0.01 ± 0.02	0.00	0.01 ± 0.05
Deferribacteres	Deferribacteraceae (Mucispirillum)	0.00	0.00	0.00	0.01 ± 0.03	0.02 ± 0.05	0.00	0.18 ± 0.45
Firmicutes	Carnobacteriaceae 1 (Isobaculum)	0.00	0.00	0.00	0.43 ± 1.05	0.65 ± 1.47	0.25 ± 0.39	0.00
Firmicutes	Lachnospiraceae (Butyrivibrio)	0.00	0.00	0.00	0.42 ± 0.46	0.02 ± 0.05	0.00	0.00
Firmicutes	Erysipelotrichaceae (Coprobacillus)	0.00	0.00	0.58 ± 1.30	0.00	0.00	0.00	0.00
Firmicutes	Ruminococcaceae (Ruminococcaceae Incertae Sedis)	0.00	0.00	0.04 ± 0.05	0.00	0.00	0.00	0.08 ± 0.11
Firmicutes	Peptostreptococcaceae (Peptostreptococcaceae Incertae Sedis)	0.00	0.15 ± 0.36	1.29 ± 1.42	0.00	0.00	0.00	0.05 ± 0.07
Proteobacteria	Deltaproteobacteria	0.00	0.04 ± 0.07	0.06 ± 0.09	0.02 ± 0.04	0.00	0.00	0.42 ± 0.50
Proteobacteria	Pasteurellaceae (Mannheimia)	0.00	0.00	0.00	1.52 ± 3.03	0.04 ± 0.07	0.04 ± 0.10	0.00
TM7;TM7	genera incertae sedis	0.00	0.28 ± 0.38	0.22 ± 0.14	0.03 ± 0.05	0.00	0.00	0.10 ± 0.20