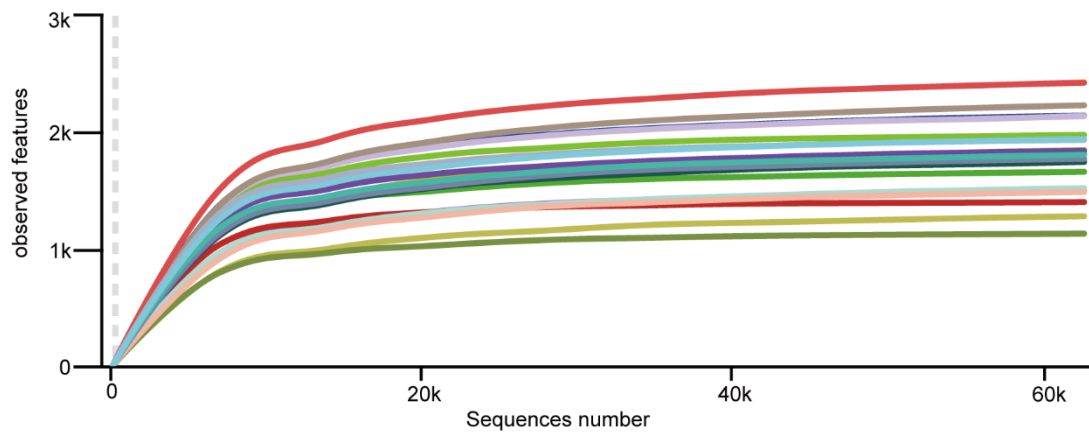




Supplementary Figure S1. Rarefaction curve analysis.

Supplementary Table S1. mother-offspring shared microbiota on day 0 of lactation

Item	Bacteria annotation		
	Phylum	Family	Genus
ASV64	Bacteroidota	<i>Prevotellaceae</i>	<i>Prevotella</i>
ASV100	Firmicutes	<i>Selenomonadaceae</i>	<i>elenomonas</i>
ASV112	Bacteroidota	<i>F082</i>	<i>F082</i>
ASV126	Bacteroidota	<i>Prevotellaceae</i>	<i>Prevotella</i>
ASV243	Firmicutes	<i>Oscillospiraceae</i>	<i>UCG-002</i>
ASV244	Bacteroidota	<i>Prevotellaceae</i>	<i>Prevotellaceae_UCG-003</i>
ASV246	Firmicutes	<i>Clostridia_UCG-014</i>	<i>Clostridia_UCG-014</i>
ASV276	Bacteroidota	<i>Bacteroidaceae</i>	<i>Bacteroides</i>
ASV343	Firmicutes	<i>Selenomonadaceae;</i>	<i>Veillonellaceae_UCG-001</i>
ASV344	Bacteroidota	<i>Prevotellaceae</i>	<i>Prevotellaceae_UCG-003</i>
ASV437	Bacteroidota	<i>Prevotellaceae</i>	<i>Alloprevotella</i>
ASV470	Firmicutes	-	-
ASV568	Proteobacteria	<i>Succinivibrionaceae</i>	<i>Succinivibrio</i>

Supplementary Table S2. mother-offspring shared microbiota on day 28 of lactation

Item	Bacteria annotation		
	Phylum	Family	Genus
ASV20	Bacteroidota	<i>Rikenellaceae</i>	<i>SP3-e08</i>
ASV23	Proteobacteria	<i>Rhodocyclaceae</i>	-
ASV25	Bacteroidota	<i>F082</i>	<i>F082</i>
ASV34	Bacteroidota	<i>Muribaculaceae</i>	<i>Muribaculaceae</i>
ASV48	Firmicutes	<i>Oscillospiraceae</i>	<i>UCG-002</i>
ASV50	Firmicutes	<i>Eubacterium_coprostanoligenes_group</i>	<i>Eubacterium_coprostanoligenes_group</i>
ASV55	Firmicutes	<i>Acidaminococcaceae</i>	<i>Succiniclacticum</i>
ASV57	Bacteroidota	<i>Rikenellaceae</i>	<i>Rikenellaceae_RC9_gut_group</i>
ASV65	Bacteroidota	<i>Rikenellaceae</i>	<i>Rikenellaceae_RC9_gut_group</i>
ASV66	Firmicutes	<i>Selenomonadaceae</i>	-
ASV96	Bacteroidota	<i>Prevotellaceae</i>	<i>Alloprevotella</i>
ASV105	Bacteroidota	<i>Prevotellaceae</i>	<i>Prevotella</i>
ASV108	Proteobacteria	<i>Comamonadaceae</i>	<i>Delftia</i>
ASV123	Firmicutes	<i>Lachnospiraceae</i>	<i>Pseudobutyrvibrio</i>
ASV136	Firmicutes	<i>Oscillospiraceae</i>	<i>UCG-005</i>
ASV180	Verrucomicrobiota	<i>WCHB1-41</i>	<i>WCHB1-41</i>
ASV185	Firmicutes	<i>Butyricocccaceae</i>	<i>UCG-009</i>
ASV186	Bacteroidota	<i>Prevotellaceae</i>	<i>Prevotella</i>
ASV194	Bacteroidota	<i>Rikenellaceae</i>	<i>Rikenellaceae_RC9_gut_group</i>
ASV203	Bacteroidota	<i>Rikenellaceae</i>	<i>SP3-e08</i>
ASV217	Bacteroidota	<i>Rikenellaceae</i>	<i>Rikenellaceae_RC9_gut_group</i>
ASV218	Firmicutes	<i>Lachnospiraceae</i>	<i>Butyrvibrio</i>
ASV258	Firmicutes	<i>Oscillospiraceae</i>	<i>Papillibacter</i>
ASV319	Bacteroidota	<i>Rikenellaceae</i>	<i>Rikenellaceae_RC9_gut_group</i>
ASV352	Firmicutes	<i>Oscillospiraceae</i>	<i>Papillibacter</i>
ASV356	Firmicutes	<i>Acidaminococcaceae</i>	<i>Succiniclacticum</i>
ASV367	Bacteroidota	<i>Prevotellaceae</i>	-
ASV395	Bacteroidota	<i>Prevotellaceae</i>	-
ASV652	Bacteroidota	<i>Prevotellaceae</i>	<i>Prevotella</i>
ASV655	Firmicutes	<i>Lachnospiraceae</i>	<i>probable_genus_10</i>
ASV805	Bacteroidota	<i>Prevotellaceae</i>	<i>Prevotellaceae_NK3B31_group</i>
ASV1294	Firmicutes	<i>Eubacterium_coprostanoligenes_group</i>	<i>Eubacterium_coprostanoligenes_group</i>
ASV390	Firmicutes	<i>Anaerovoracaceae</i>	<i>Anaerovorax</i>