Supplementary Material

Table S1. P-values of beta diversity statistical analysis of change from baseline to day 15 after PomJ consumption in breast milk, mother stool and infant stool.

Sample	Analysis type	p-value
Breast milk	Unweighted	0.182
Breast milk	Weighted	0.648
Breast milk	Bray-Curtis	0.739
Mother stool	Unweighted	0.933
Mother stool	Weighted	0.902
Mother stool	Bray-Curtis	0.859
Infant stool	Unweighted	0.952
Infant stool	Weighted	0.952
Infant stool	Bray-Curtis	0.313

Figure S1. Mother and infant urine expressed in µmol/g creatine.

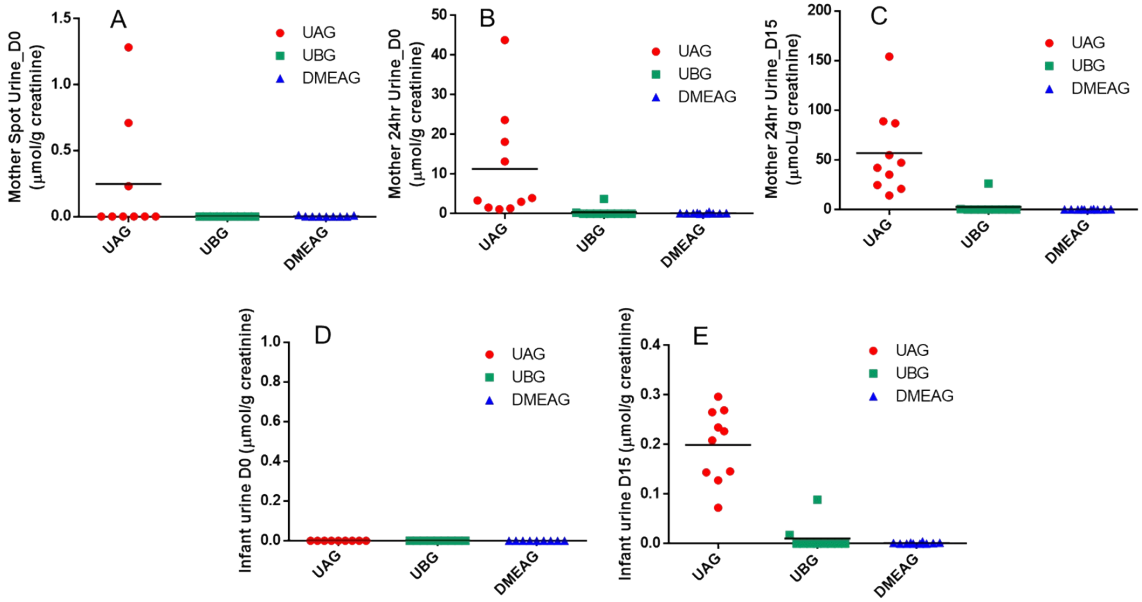

Figure S2. Beta diversity unweighted (A) and weighted Unifrac (B)

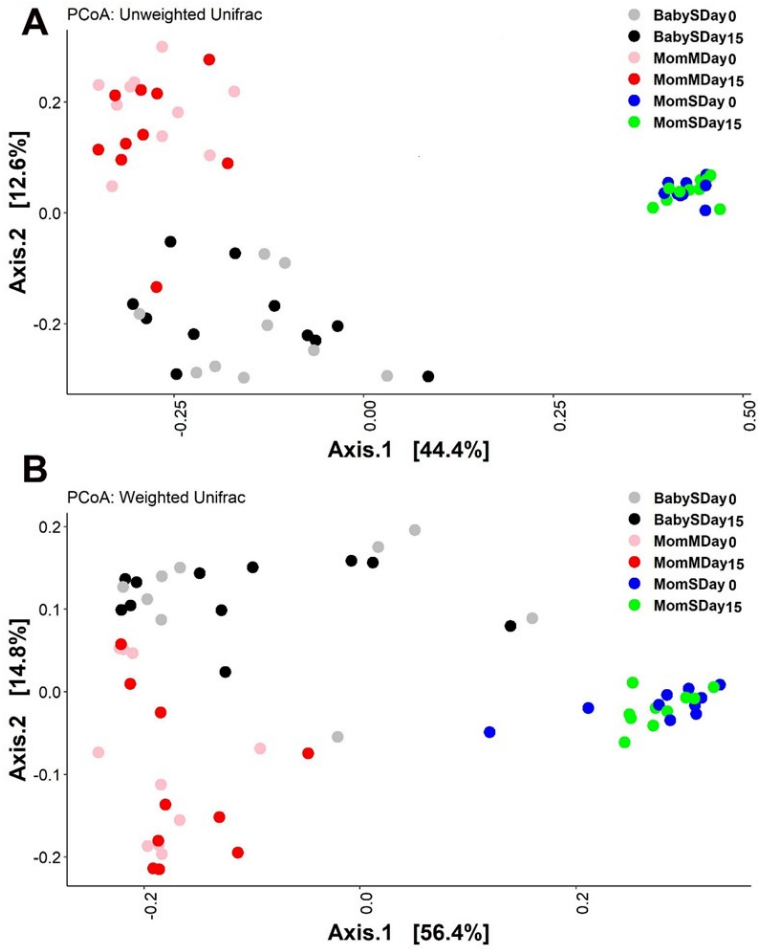

Figure S3. Microbial genera identified to be significantly different in abundance between day 0 and day 15 after PomJ consumption. Microbiota in breast milk analyzed by metabotype. A) Metabotype A [N=8], B) Metabotype B [N=2].

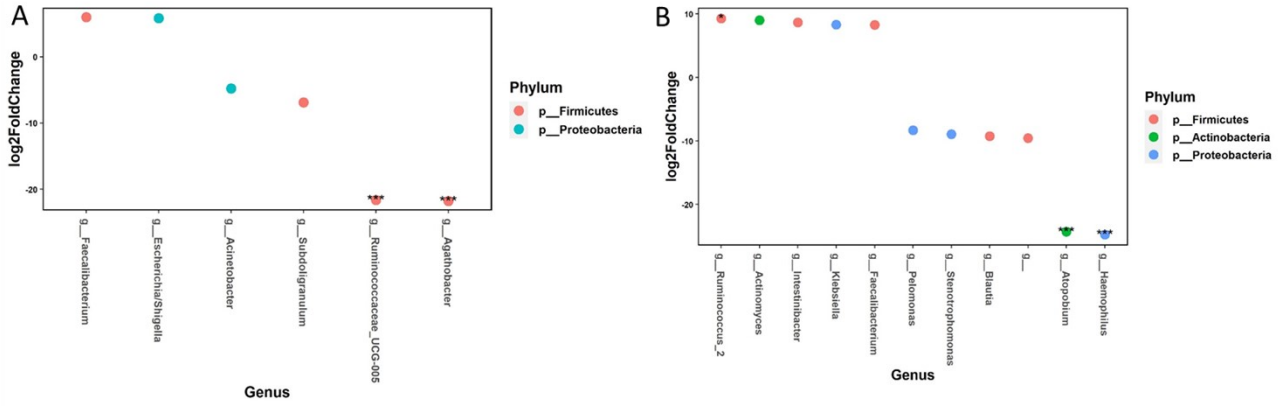

Figure S4: Microbial genera identified to be significantly different in abundance between day 0 and day 15 after PomJ consumption. Microbiota in infant stool analyzed by metabotype. A) Metabotype A [N=8], B) Metabotype B [N=2].