

Table S6. Differentially abundant families before and after a blood meal

Family	3-day-old,sugar (triplicates)			2 days post blood meal (triplicates)			P value	Q value
	mean %	variance	std.err	mean %	variance	std.err		
<i>Enterobacteriaceae</i>	38.58	12.90	20.73	86.69	0.46	3.91	0	0
<i>Aeromonadaceae</i>	1.26	0.05	1.25	4.20	0.26	2.93	4.35E-134	2.55E-138
<i>Pseudomonadaceae</i>	1.82	0.10	1.82	4.04	0.12	2.00	1.58E-36	8.56E-41
<i>Moraxellaceae</i>	1.30	0.03	0.99	0.92	0.00	0.28	8.00E-30	4.01E-34
<i>Flavobacteriaceae</i>	13.64	1.21	6.35	3.73	0.39	3.60	0	0
<i>Comamonadaceae</i>	2.39	0.15	2.23	0.10	0.00	0.04	0	0
<i>SAR11</i>	5.86	1.03	5.85	0.00	0.00	0.00	0	0
<i>Xanthomonadaceae</i>	11.58	3.99	11.53	0.01	0.00	0.01	0.00E+00	0.00E+00
<i>Sphingomonadaceae</i>	7.09	1.09	6.02	0.02	0.00	0.02	0.00E+00	0.00E+00
<i>Propionibacteriaceae</i>	11.56	1.32	6.64	0.02	0.00	0.02	0.00E+00	0.00E+00

The differential abundant taxa between collections were detected with Metastats