

S4 Table. Relative abundance of the 35 most abundant species.

Species	Relative abundance (%)			
	All	Healthy	MNoFever	MFever
<i>Fusobacterium necrophorum</i>	18.1	15.8	18.2	20.3
<i>Bacteroides heparinolyticus</i>	14.9	7.0^{a,A}	20.3^b	16.8 ^B
<i>Porphyromonas levii</i>	13.0	9.4	17.7	11.4
<i>Sneathia sanguinegens</i>	6.2	10.6 ^A	6.6 ^{A,B}	1.5 ^B
<i>Bacteroides pyogenes</i>	5.9	4.0^a	3.9^a	10.0^b
<i>Helcococcus ovis</i>	5.0	4.6	2.2	8.6
<i>Fusobacterium gonidiaformans</i>	4.2	1.7	6.3	4.4
<i>Ureaplasma diversum</i>	2.4	7.2	0.1	0.1
<i>Gallibacterium melopsittaci</i>	2.0	1.7	3.4	0.9
<i>Streptococcus uberis</i>	1.8	1.7	3.2	0.4
<i>Filifactor villosus</i>	1.6	0.9^a	2.3^b	1.7 ^{a,b}
<i>Porphyromonas cansulci</i>	1.6	0.02	0.9	4.0
<i>Bacteroides denticanum</i>	1.6	1.4	1.3	2.1
<i>Porphyromonas asaccharolytica</i>	1.3	0.5	0.8	2.6
<i>Serratia entomophila</i>	1.1	3.3	0.03	0.02
<i>Mycoplasma californicum</i>	1.0	1.3	0.2	1.5
<i>Campylobacter faecalis</i>	1.0	1.1	0.9	0.8
<i>Escherichia albertii</i>	0.9	2.7	0.02	0.01
<i>Porphyromonas canis</i>	0.9	0.5	1.0	1.1
<i>Peptoniphilus coxii</i>	0.7	0.4	0.8	0.9
<i>Escherichia coli</i>	0.7	2.0	0.01	0.01
<i>Candidatus Blochmannia rufipes</i>	0.7	0.8	0.7	0.4
<i>Bacteroides zoogloformans</i>	0.7	0.3^{a,A}	1.0^b	0.7 ^B
<i>Mycoplasma canadense</i>	0.6	1.7	0.05	0.2
<i>Prevotella buccalis</i>	0.5	0.3	0.8	0.4
<i>Porphyromonas somerae</i>	0.5	0.7	0.6	0.2
<i>Peptoniphilus indolicus</i>	0.5	1.0	0.2	0.3
<i>Prevotella amnii</i>	0.4	0.2 ^{a,b}	0.1^a	1.0^b
<i>Veillonella magna</i>	0.4	0.4	0.4	0.4
<i>Prevotella albensis</i>	0.4	0.6^a	0.04^{b,B}	0.5 ^A
<i>Peptostreptococcus anaerobius</i>	0.4	0.3	0.3	0.5
<i>Porphyromonas endodontalis</i>	0.4	0.04	0.01	1.0
<i>Trueperella pyogenes</i>	0.3	0.1	0.3	0.6
<i>Campylobacter mucosalis</i>	0.3	0.8	0.2	0.1
<i>Prevotella paludivivens</i>	0.3	0.4 ^{a,b}	0.05^a	0.6^b

^{a,b}Superscripts within a row are significantly different; $P \leq 0.05$. ^{A,B}Superscripts within a row tend to differ; $0.05 < P < 0.10$.