

**Supplementary Table S1.** Taxonomic composition of the subgingival microbiome.

Genus	Prevalence (# samples)	Adjusted p-value	Average relative abundance at the diseased state	Average relative abundance at the resolved state
<i>Actinomyces</i>	47	0.018	4.50%	8.82%
<i>Fusobacterium</i>	45	0.519	12.47%	10.94%
<i>Capnocytophaga</i>	44	0.177	4.53%	7.09%
<i>Streptococcus</i>	41	0.024	3.18%	7.86%
<i>Prevotella</i>	39	0.365	13.94%	10.81%
<i>Porphyromonas</i>	38	0.004	11.65%	2.17%
<i>Campylobacter</i>	38	0.546	1.92%	1.72%
<i>Corynebacterium</i>	37	0.095	3.48%	7.75%
<i>Leptotrichia</i>	37	0.929	4.11%	4.20%
<i>Treponema</i>	34	0.007	9.56%	2.92%
<i>Selenomonas</i>	33	0.519	2.77%	3.40%
<i>Neisseria</i>	29	0.365	2.61%	4.32%
<i>Veillonella</i>	24	0.193	1.84%	5.55%
<i>Tannerella</i>	22	0.002	2.16%	0.48%
<i>Aggregatibacter</i>	21	0.457	1.13%	1.55%
<i>Dialister</i>	16	0.046	1.37%	0.57%
<i>Eubacterium</i>	16	0.183	0.99%	0.74%
<i>Rothia</i>	15	0.010	1.28%	3.50%
<i>Synergistes</i>	14	0.001	1.89%	0.09%
<i>Parvimonas</i>	14	0.102	0.95%	0.60%
<i>Gemella</i>	14	0.374	0.70%	1.00%
<i>Kingella</i>	14	0.519	0.53%	0.68%
<i>Haemophilus</i>	12	0.098	0.47%	5.74%
<i>Cardiobacterium</i>	11	0.652	0.82%	0.67%
<i>Filifactor</i>	9	0.004	0.78%	0.05%
<i>Catonella</i>	8	0.365	0.61%	0.49%
<i>Granulicatella</i>	5	0.065	0.25%	0.61%
<i>Actinobaculum</i>	5	0.374	0.73%	0.24%
<i>Propionibacterium</i>	5	0.399	0.59%	0.34%
<i>Bergeyella</i>	4	0.023	0.18%	0.51%
<i>Olsenella</i>	4	0.033	0.34%	0.08%
<i>Lautropia</i>	4	0.116	0.10%	0.35%
<i>Peptostreptococcus</i>	3	0.024	0.47%	0.12%
<i>Oribacterium</i>	3	0.502	0.24%	0.39%
<i>Mycoplasma</i>	2	0.018	0.23%	0.00%
<i>Peptococcus</i>	2	0.497	0.35%	0.24%
<i>Eikenella</i>	2	0.624	0.25%	0.21%
<i>Shuttleworthia</i>	2	0.885	0.16%	0.18%