Table 3: Species with statistically different abundances among patients and controls. Principal coordinate analysis (PCoA) defined the dissimilarities between the two groups. Kruskal-Wallis test determined the statistical significance (p values <0.05).

OTU_Species_level	Total Abundance Patients	% patients	Total Abundance Controls	% controls	p-values <0.05	Phylum	Class	Order	Family
Species More Abundant in Patients									
Prevotella_maculosa	4543	0.55%	2051	0.24%	0.027	Bacteroidetes	Bacteroidia	Bacteroidales	Prevotellaceae
Prevotella_sp.	1486	0.18%	463	0.06%	0.013	Bacteroidetes	Bacteroidia	Bacteroidales	Prevotellaceae
Prevotella_oris	16698	2.03%	3325	0.40%	0.010	Bacteroidetes	Bacteroidia	Bacteroidales	Prevotellaceae
Dialister_pneumosintes	1361	0.17%	1056	0.13%	0.026	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae
Rothia_mucilaginosa	33313	4.05%	7092	0.85%	0.017	Actinobacteria	Actinobacteria	Actinomycetales	Micrococcaceae
Mannheimia_varigena	5995	0.73%	3378	0.40%	0.028	Proteobacteria	Gammaproteobacteria	Pasteurellales	Pasteurellaceae
Veillonella_parvula	3774	0.46%	687	0.08%	0.029	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae
Species More Abundant in Controls									
Megasphaera_genomosp.	736	0.09%	2285	0.27%	0.016	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae
Neisseria_oralis	517	0.06%	1501	0.18%	0.025	Proteobacteria	Betaproteobacteria	Neisseriales	Neisseriaceae
Oribacterium_parvum	116	0.01%	600	0.07%	0.050	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae
Veillonella_denticariosi	1470	0.18%	1946	0.23%	0.009	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae
Selenomonas_sp.	2404	0.29%	10635	1.27%	0.013	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae
Megasphaera_micronuciformis	1564	0.19%	7048	0.84%	0.012	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae

OUT: operational taxonomic units.