

Supplementary Material

Coronal and root canal microbiota in apical periodontitis with different PAI index

Adelaide Teofani¹, Antonio Libonati², Valeria Unida³, Silvia Biocca³, Alessandro Desideri¹ and Vincenzo Campanella^{2*}

¹ Department of Biology, University of Rome Tor Vergata, Via della Ricerca Scientifica 1, 00133, Rome, Italy.

² Department of Clinical Sciences and Translational Medicine, University of Rome Tor Vergata, Via Montpellier, 00133 Rome, Italy.

³ Department of Systems Medicine, University of Rome Tor Vergata, Via Montpellier 1, 00133, Rome, Italy.

* Correspondence: vincenzo.campanella@uniroma2.it

Table S1.

Statistically significant (padj <0.05) genera in the three comparisons: OC vs PAI-3, OC vs PAI-1 and PAI-1 vs PAI-3. The ↓ indicates a significant decreased abundance and ↑ indicates a significant increased abundance in the second term of the comparison.

Genus	OC vs PAI-3	OC vs PAI-1	PAI-1 vs PAI-3
<i>Haemophilus</i>	↓	↓	-
<i>Neisseria</i>	↓	↓	-
<i>Leptotrichia</i>	↓	↓	-
<i>Granulicatella</i>	↓	↓	-
<i>Gemella</i>	↓	↓	-
<i>Capnocytophaga</i>	↓	↓	-
<i>Saccharibacteria_(TM7)_[G-1]</i>	↓	↓	-
<i>Actinomyces</i>	↓	↓	-
<i>Bergeyella</i>	↓	↓	-
<i>Corynebacterium</i>	↓	↓	-
<i>Rothia</i>	↓	↓	-
<i>Streptococcus</i>	↓	↓	-
<i>Schaalia</i>	↓	↓	-

<i>Lachnoanaerobaculum</i>	↓	↓	-
<i>Lautropia</i>	↓	↓	-
<i>Olsenella</i>	↑	-	-
<i>Cardiobacterium</i>	↓	↓	-
<i>Aggregatibacter</i>	↓	↓	-
<i>Veillonella</i>	↓	↓	-
<i>Pseudoramibacter</i>	↑	-	↑
<i>Dialister</i>	↑	↑	-
<i>Slackia</i>	↑	-	-
<i>Mycoplasma</i>	↓	-	-
<i>Bacteroidaceae</i> [G-1]	↑	-	-
<i>Porphyromonas</i>	↓	-	-
<i>Saccharibacteria</i> (TM7) [G-3]	↓	-	-
<i>Bacteroidales</i> [G-2]	↓	↓	-
<i>Ruminococcaceae</i> [G-2]	↓	-	-
<i>Kingella</i>	↓	↓	-
<i>Campylobacter</i>	↓	↓	-
<i>Saccharibacteria</i> (TM7) [G-5]	↓	-	-
<i>Peptostreptococcaceae</i> [XI] [G-6]	↑	↑	-
<i>Bacteroidetes</i> [G-5]	↓	↓	-
<i>Ruminococcaceae</i> [G-1]	↓	↓	-
<i>Peptostreptococcaceae</i> [XI] [G-1]	↑	↑	-
<i>Tannerella</i>	↓	-	-
<i>Atopobium</i>	↑	↑	-
<i>Abiotrophia</i>	↓	-	-
<i>Catonella</i>	↓	-	-
<i>Lactobacillus</i>	↑	↑	-

<i>Mogibacterium</i>	↑	-	-
<i>Fusobacterium</i>	↓	↓	-
<i>Absconditabacteria</i> _(SR1)[G-1]	↓	-	-
<i>Stomatobaculum</i>	↓	↓	-
<i>Fretibacterium</i>	↑	↑	-
<i>Anaeroglobus</i>	↑	-	-
<i>Oribacterium</i>	↑	↓	-
<i>Megasphaera</i>	↓	-	-
<i>Lachnospiraceae</i> _[G-3]	↓	-	-
<i>Enterococcus</i>	-	↑	-
<i>Selenomonas</i>	-	↓	-
<i>Pseudomonas</i>	-	↑	-
<i>Paracoccus</i>	-	↑	-
<i>Alloprevotella</i>	-	↓	-
<i>Erysipelotrichaceae</i>_[G-1]	-	↑	-
<i>Eikenella</i>	-	↓	-
<i>Peptostreptococcaceae</i>_[XI][G-3]	-	-	↑