

Supplementary Table 1: Pairwise comparison of Beta Diversity indices of Extraoral with Intraoral samples

Intraoral samples	Extraoral samples				
	OIF2	OIF3	OIF4	OIF6	OIF8
OIF1	0.61905	0.9	1.0*	1.0*	1.0*
OIF5	0.9	0.57895	0.57895	0.36842	0.5
OIF7	0.71429	1.0	1.0*	1.0*	0.90476
OIF9	0.9	0.78947	0.47368	0.68421	0.4

*= 100% similarity between sample

Supplementary Table 2: Novel bacterial genera detected in pus samples of patients with spreading odontogenic infection

Bacterial genus	Sample ID
Aerobic bacteria	
<i>Legionella</i>	OIF1
<i>Taonella</i>	OIF1 and OIF2
<i>Devosia</i>	OIF1, OIF2, OIF7 and OIF8
<i>Sphingopyxis</i>	OIF1, OIF2, OIF6 and OIF7
<i>Limnobacter</i>	OIF7
<i>Azotobacter</i>	OIF1 and OIF7
<i>Azomonas</i>	OIF1 and OIF7
Anaerobic bacteria	
<i>Hydrogenophaga</i>	OIF1, OIF2, OIF6 and OIF8
<i>Ferrovibrio</i>	OIF1 and OIF2
<i>Acidovorax</i>	OIF1
<i>Anaerospira</i>	OIF1, OIF5, OIF6, OIF7 and OIF8
<i>Streptobacillus</i>	OIF8 and OIF9
<i>Anaerovorax</i>	OIF4, OIF6, OIF8 and OIF9
<i>Holdemania</i>	OIF3
<i>Sebaldella</i>	OIF8 and OIF9