

Table S1. *R. mucilaginosa* isolates included in this study, indicating the patient type and whether the patient was a smoker or alcohol consumer.

Patient Num.	Sample ID	Patient*	Smoker	Alcohol consumption
NA	<i>R. mucilaginosa</i> DY-18 (DSM-20746)	AP	N/A	N/A
1	<i>R. mucilaginosa</i> 40A1	OLK	yes	yes
2	<i>R. mucilaginosa</i> 41C2	OLK	yes	yes
3	<i>R. mucilaginosa</i> 43B1	OLK	yes	yes
4	<i>R. mucilaginosa</i> 44A1	OLK	no	yes
5	<i>R. mucilaginosa</i> 107A	OLK	yes	yes
6	<i>R. mucilaginosa</i> 66A9	OLK	yes	yes
7	<i>R. mucilaginosa</i> H2.2	HC	no	yes
8	<i>R. mucilaginosa</i> H4.2	HC	no	no

*AP: Apical Periodontitis; OLK: oral leukoplakia; NC: Contralateral normal; HC: healthy control.

Table S2. Doubling times (h) of indicated isolates in the absence and presence of ethanol in BHI broth at 37°C. NG=No Growth.

Strains	0.0% Ethanol	2% Ethanol	4% Ethanol
	Doubling time (95% CI)	Doubling time (95% CI)	Doubling time (95% CI)
<i>S. mitis</i> NCTC12261	0.9886 (0.8385 to 1.165)	0.9789 (0.8442 to 1.135)	NG
<i>S. gordonii</i> DL1	1.015 (0.7925 to 1.297)	0.8598 (0.7989 to 0.9247)	1.747 (1.539 to 1.999)
<i>C. albicans</i> 132A	1.333 (0.6782 to 3.037)	1.004 (0.7197 to 1.403)	0.7119 (0.5345 to 0.9277)
<i>N. mucosa</i> DSM17611	2.223 (1.763 to 2.842)	2.401 (1.886 to 3.113)	NG
<i>R. mucilaginosa</i> DY18	0.7409 (0.8995 to 1.264)	1.111 (1.17 to 2.251)	NG
<i>R. mucilaginosa</i> 41C2	0.5864 (0.4299 to 0.7737)	0.6118 (0.4694 to 0.78)	1.017 (0.3052 to 3.716)