

Supplementary Materials: Novel Dental Adhesive with Biofilm-Regulating and Remineralization Capabilities

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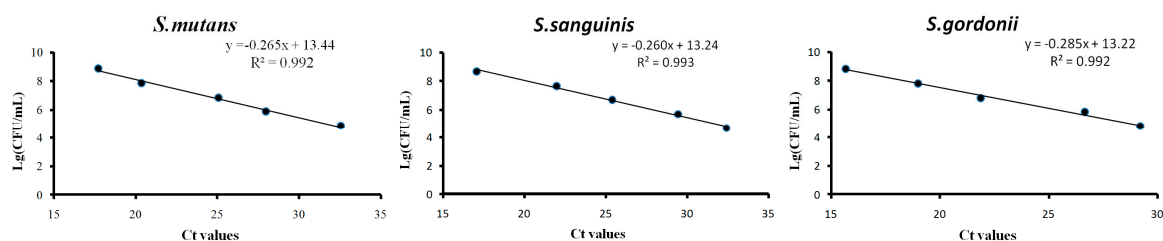


Figure S1. The standard curve plotted by known concentration of DNA of three species bacteria.

Table S1. The sequences of primers and probes.

Primers/Probes	Sequences	References
Primers		
<i>S. mutans</i>	F: 5'-GCCTACAGCTCAGAGATGCTATTCT-3'	[1]
	R: 5'-GCCATACACCACTCATGAATTGA-3'	
<i>S. sanguinis</i>	F: 5'-GAGCGGATGGCCAATTATATCT-3'	[2]
	R: 5'-CCGGATGATGTCGGCAATA-3'	
<i>S. gordonii</i>	F: 5'-GGTGTGTTTGTGACCCGTTTCAG-3'	[3]
	R: 5'-AGTCCATCCCACGAGCACAG-3'	
Probes		
<i>S. mutans</i>	5'-FAM-TGGAAATGACGGTCGCCGTTATGAA-TAMRA-3'	[1]
<i>S. sanguinis</i>	5'-FAM-AACCTTGACCCGCTCATTACCAGCTAGTATG-TAMRA-3'	[2]
<i>S. gordonii</i>	5'-FAM-TGTTCCGGGCTCATGATA-Eclipse-3'	[3]

References

- 1 Suzuki, N.; Nakano, Y.; Yoshida, A.; Yamashita, Y.; Kiyoura, Y. Real-timeTaqMan PCR for quantifying oral bacteria during biofilm formation. *J. Clin. Microbiol.* **2004**, *42*, 3827–3830.
- 2 Zhang, K.; Wang, S.; Zhou, X.; Xu, H.H.K.; Wear, M.D.; Ge, Y.; Li, M.; Wang, S.; Li, Y.; Xu, X. Effect of antibacterial dental adhesive on multispecies biofilms formation. *J. Dent. Res.* **2015**, *94*, 622–629.
- 3 Yoshida, A.; Suzuki, N.; Nakano, Y.; Kawada, M.; Oho, T.; Koga, T. Development of a 5' nuclease-based real-time PCR assay for quantitative detection of cariogenic dental pathogens *Streptococcus mutans* and *Streptococcus sobrinus*. *J. Clin. Microbiol.* **2003**, *41*, 4438–4441.