

Calibrated interdental brushing for the prevention of periodontal pathogens infection in young adults - a randomized controlled clinical trial

Denis Bourgeois, Manuel Bravo, Juan-Carlos Llodra, Camille Inquimbert,
Stéphane Viennot, Claude Dussart, Florence Carrouel

Supplementary Table 1. Species-specific and ubiquitous real-time PCR primers for 19 periodontal bacteria, the annealing temperature, and the limit of quantification.

LOQ: Limit of quantification; TB: Total Bacterial count.

Target	Primer pairs (5'-3')	References	Annealing temp (°C)	LOQ (E+02)
TB	CCATGAAGTCGGAATCGCTAGT GCTTGACGGGCGTG	Kozarov et al., 2006	66	200
<i>Aa</i>	AAACCCATCTCTGAGTTCTTCTTC ATGCCAACTTGACGTTAAAT	Kobayashi et al., 2008	60	10
<i>Ao</i>	CTTTGGGATAACGCCGGGAAAC CTACCCGTCAAAGCCTTGGT	Yang et al., 2007	66	5
<i>Av</i>	ATGTGGGTCTGACCTGCTGC CAAAGTCGATCACGCTCCG	Suzuki et al., 2005	60	5
<i>Cc</i>	GGCTCAAAAGAGATCGCTCA CCCTCAACAACGCTTAGCTC	Chaban et al., 2009	66	5
<i>Cg</i>	AGAGTTTGATCCTGGCTCAG GGACGCATGCCATCTTTCACCACCGC	Kobayashi et al., 2008	66	5
<i>Co</i>	AGAGTTTGATCCTGGCTCAG GATGCCGCTCCTATATACTATGGGG	Kobayashi et al., 2008	66	5
<i>Cr</i>	TTTCGGAGCGTAAACTCCTTTTC TTTCTGCAAGCAGACACTCTT	Kobayashi et al., 2008	60	20
<i>Cs</i>	AGAGTTTGATCCTGGCTCAG GATGCCGCTCCTATATAACCATTAGG	Kobayashi et al., 2008	66	5
<i>Ec</i>	GGGAAGAAAAGGGAAGTGCT TCTCAGGTACCGTCAGCAAAA	Kozarov et al., 2006	60	50
<i>Fn</i>	AGAGTTTGATCCTGGCTCAG GTCATCGTGCACACAGAATTGCTG	Fouad et al., 2002	60	40
<i>Pi</i>	CGTGGACCAAAGATTCATCGGTGG ACCGCTTACTCCCAACAAA	Fouad et al., 2002	60	60
<i>Pm</i>	AGAGTTTGATCCTGGCTCAG ATATCATGCGATTCTGTGGTCTC	Fouad et al., 2002	60	60
<i>Pn</i>	ATGAAACAAAAGTTTTCCGGTAAG CCCACGTCTCTGTGGGCTGCGA	Fouad et al., 2002	66	5
<i>Smitis</i>	GAGTCCTGCATCAGCCAAGAG GGATCCACCTTTTCTGCTTGAC	Suzuki et al., 2005	66	5
<i>Spp</i>	AGAGTTTGATCCTGGCTCAG GTACCGTCACAGTATGAACTTTCC	Fouad et al., 2002	66	10
<i>Td</i>	TAATACCGAATGTGCTCATTACAT TCAAAGAAGCATTCCCTCTTCTTCTTA	Sakamoto et al., 2001	60	10
<i>Tf</i>	GCGTATGTAACCTGCCCGCA TGCTTCAGTGTGAGTTATACCT	Sakamoto et al., 2001	60	80
<i>Vp</i>	GAAGCATTGGAAGCGAAAGTTTCG GTGTAACAAGG-GAGTACGGACC	Igarashi et al., 2009	60	5

Supplementary Figure 1.

(A) Colorimetric probe, (B) Interdental brushes, (C) Interdental space examination, (D) Interdental brushing with a calibrated interdental brush.

