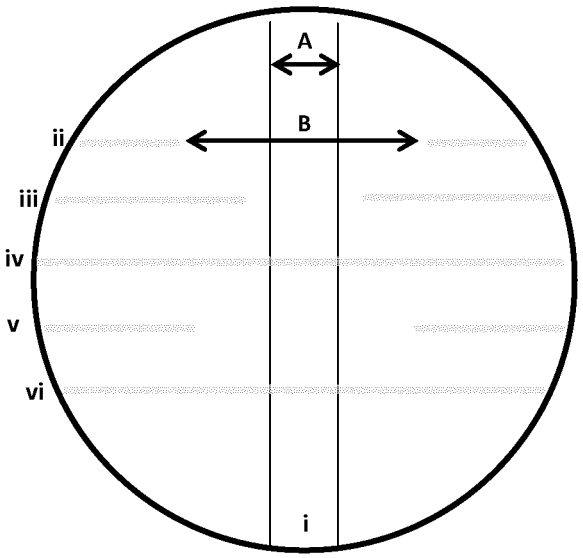


i	Area of probiotic swab
ii-vi	Strains of *S. mutans*
A	1 cm
B	Area of no growth
ZOI	Zone of inhibition = B - A

Fig. 1

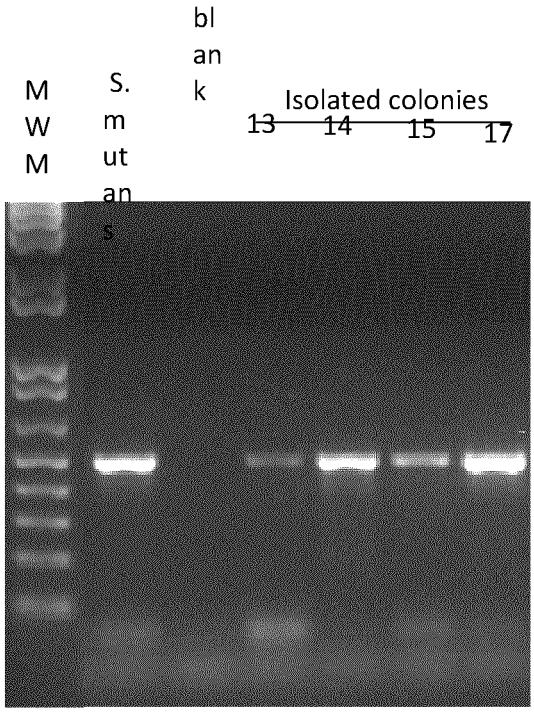


Fig. 2

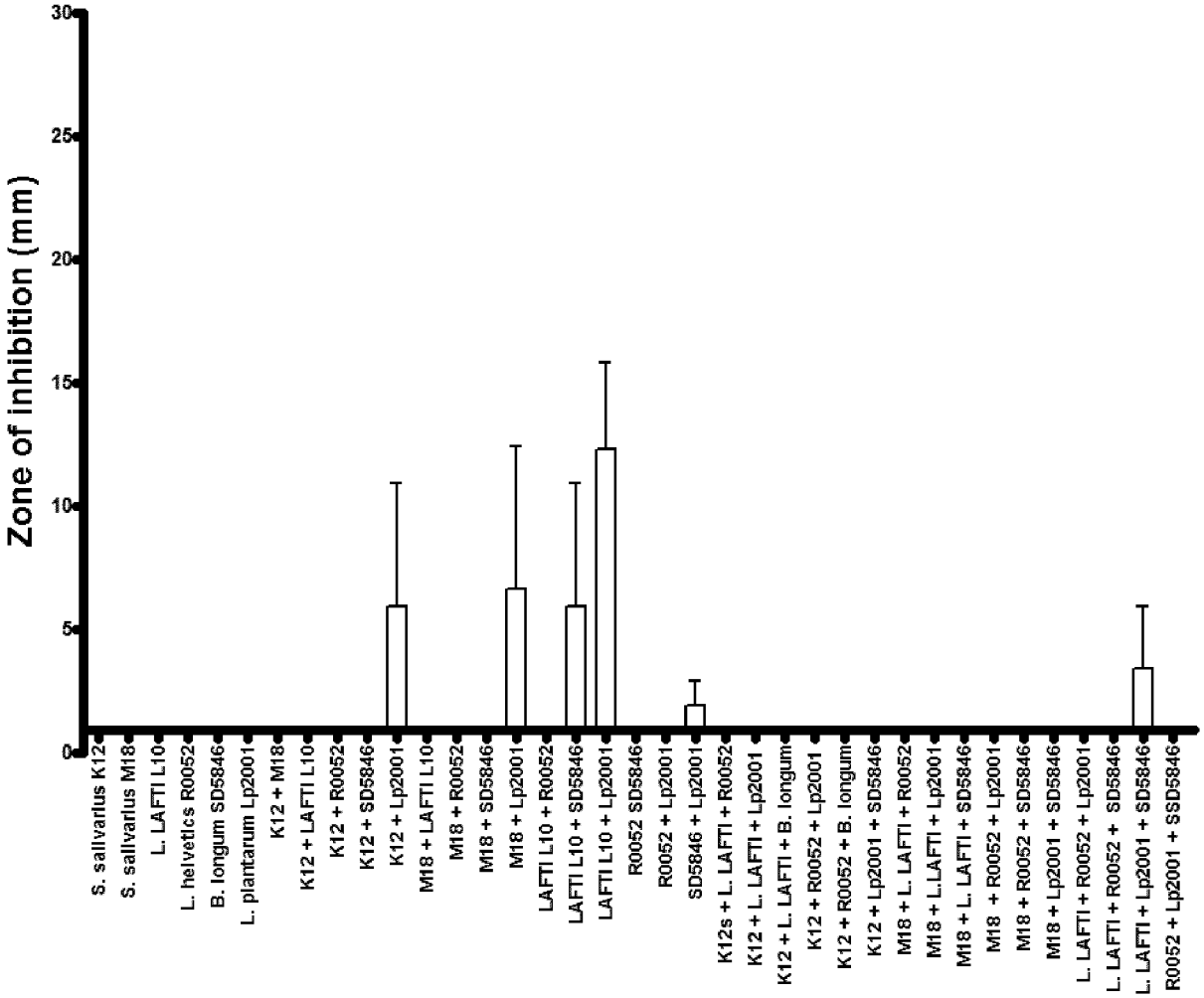

Zone of inhibition (mm)
30
25
20
15
10
5
0
S. sallvarlus K12
S. sallvarlus M18
L. LAFTI L10
L. helvetlcs R0052
B. longum SD5846
L. plantarum Lp2001
K12 + M18
K12 + LAFTI L10
K12 + R0052
K12 + SD5846
K12 + Lp2001
M18 + LAFTI L10
M18 + R0052
M18 + SD5846
M18 + Lp2001
LAFTI L10 + R0052
LAFTI L10 + SD5846
LAFTI L10 + Lp2001
R0052 SD5846
R0052 + Lp2001
SD5846 + Lp2001
K12s + L. LAFTI + R0052
K12 + L. LAFTI + Lp2001
K12 + L. LAFTI + B. longum
K12 + R0052 + Lp2001
K12 + R0052 + B. longum
K12 + Lp2001 + SD5846
M18 + L. LAFTI + R0052
M18 + L.LAFTI + Lp2001
M18 + L. LAFTI + SD5846
M18 + R0052 + Lp2001
M18 + R0052 + SD5846
M18 + Lp2001 + SD5846
L. LAFTI + R0052 + Lp2001
L. LAFTI + R0052 + SD5846
L. LAFTI + Lp2001 + SD5846
R0052 + Lp2001 + SSD5846

Fig. 3

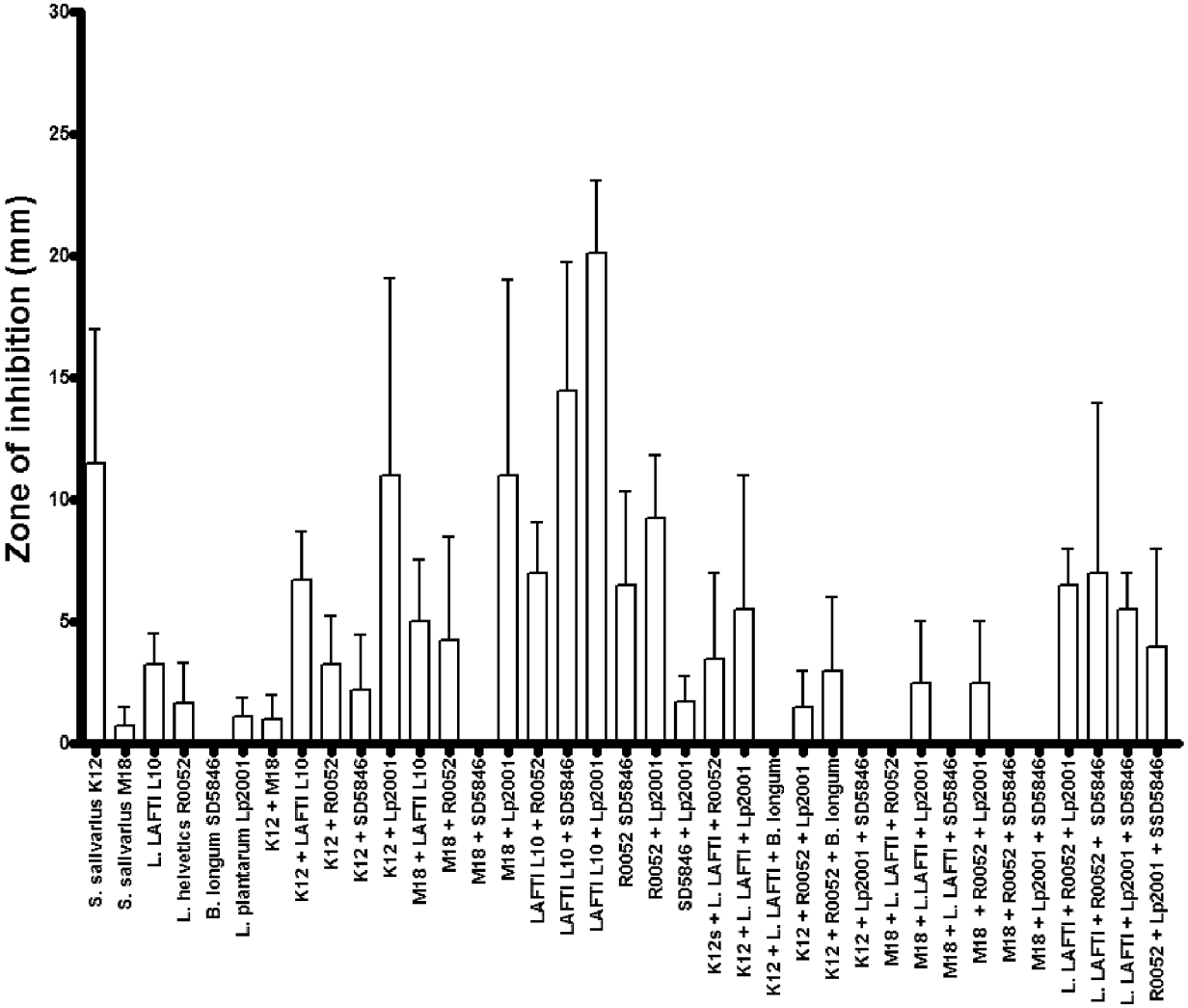

Zone of inhibition (mm)
30
25
20
15
10
5
0
S. salivarius K12
S. salivarius M18
L. LAFTI L10
L. helvetics R0052
B. longum SD5846
L. plantarum Lp2001
K12 + M18
K12 + LAFTI L10
K12 + R0052
K12 + SD5846
K12 + Lp2001
M18 + LAFTI L10
M18 + R0052
M18 + SD5846
M18 + Lp2001
LAFTI L10 + R0052
LAFTI L10 + SD5846
LAFTI L10 + Lp2001
R0052 SD5846
R0052 + Lp2001
SD5846 + Lp2001
K12s + L. LAFTI + R0052
K12 + L. LAFTI + Lp2001
K12 + L. LAFTI + B. longum
K12 + R0052 + Lp2001
K12 + R0052 + B. longum
K12 + Lp2001 + SD5846
M18 + L. LAFTI + R0052
M18 + L.LAFTI + Lp2001
M18 + L. LAFTI + SD5846
M18 + R0052 + Lp2001
M18 + R0052 + SD5846
M18 + Lp2001 + SD5846
L. LAFTI + R0052 + Lp2001
L. LAFTI + R0052 + SD5846
L. LAFTI + Lp2001 + SD5846
R0052 + Lp2001 + SSD5846

Fig. 4

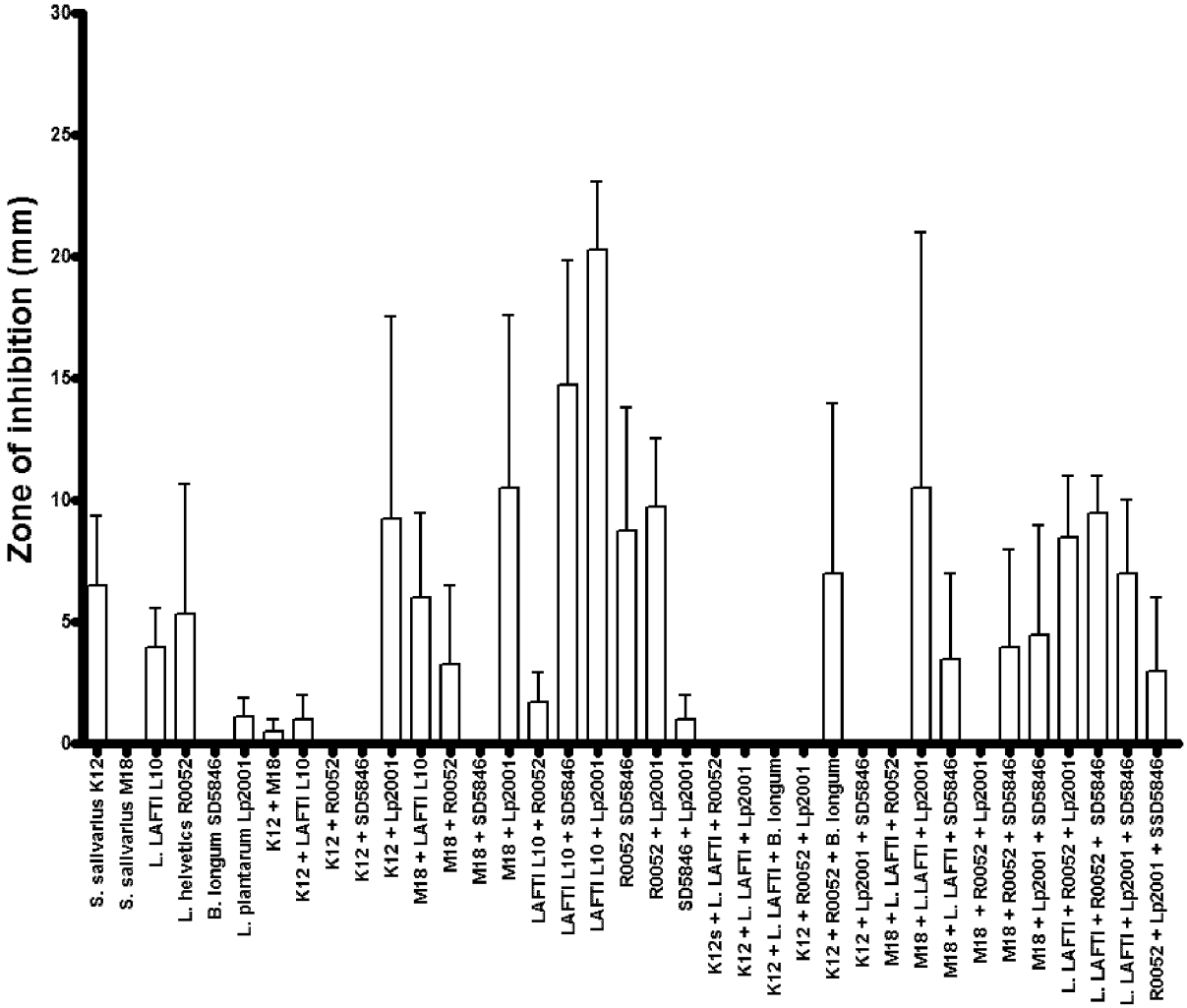

Zone of inhibition (mm)
30
25
20
15
10
5
0
S. salivarius K12
S. salivarius M18
L. LAFTI L10
L. helvetics R0052
B. longum SD5846
L. plantarum Lp2001
K12 + M18
K12 + LAFTI L10
K12 + R0052
K12 + SD5846
K12 + Lp2001
M18 + LAFTI L10
M18 + R0052
M18 + SD5846
M18 + Lp2001
LAFTI L10 + R0052
LAFTI L10 + SD5846
LAFTI L10 + Lp2001
R0052 SD5846
R0052 + Lp2001
SD5846 + Lp2001
K12s + L. LAFTI + R0052
K12 + L. LAFTI + Lp2001
K12 + L. LAFTI + B. longum
K12 + R0052 + Lp2001
K12 + R0052 + B. longum
K12 + Lp2001 + SD5846
M18 + L. LAFTI + R0052
M18 + L.LAFTI + Lp2001
M18 + L. LAFTI + SD5846
M18 + R0052 + Lp2001
M18 + R0052 + SD5846
M18 + Lp2001 + SD5846
L. LAFTI + R0052 + Lp2001
L. LAFTI + R0052 + SD5846
L. LAFTI + Lp2001 + SD5846
R0052 + Lp2001 + SSD5846

Fig. 5

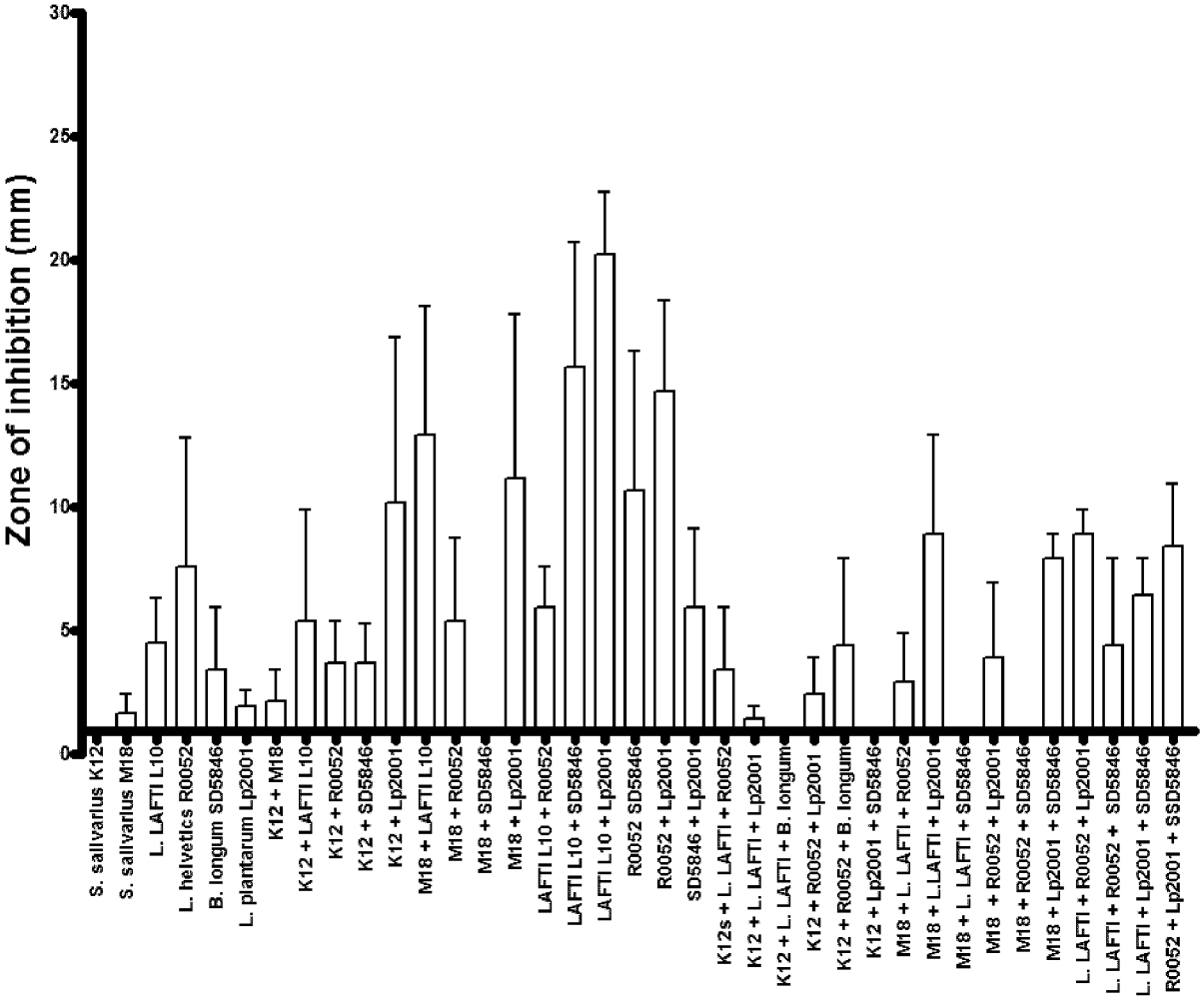

Zone of inhibition (mm)
30
25
20
15
10
5
0
S. sallvarius K12
S. sallvarius M18
L. LAFTI L10
L. helvetics R0052
B. longum SD5846
L. plantarum Lp2001
K12 + M18
K12 + LAFTI L10
K12 + R0052
K12 + SD5846
K12 + Lp2001
M18 + LAFTI L10
M18 + R0052
M18 + SD5846
M18 + Lp2001
LAFTI L10 + R0052
LAFTI L10 + SD5846
LAFTI L10 + Lp2001
R0052 SD5846
R0052 + Lp2001
SD5846 + Lp2001
K12s + L. LAFTI + R0052
K12 + L. LAFTI + Lp2001
K12 + L. LAFTI + B. longum
K12 + R0052 + Lp2001
K12 + R0052 + B. longum
K12 + Lp2001 + SD5846
M18 + L. LAFTI + R0052
M18 + L.LAFTI + Lp2001
M18 + L. LAFTI + SD5846
M18 + R0052 + Lp2001
M18 + R0052 + SD5846
M18 + Lp2001 + SD5846
L. LAFTI + R0052 + Lp2001
L. LAFTI + R0052 + SD5846
L. LAFTI + Lp2001 + SD5846
R0052 + Lp2001 + SSD5846

Fig. 6

	S. mutans 25175			*S. mutans* 13			*S. mutans* 14			*S. mutans* 15			*S. mutans* 17		
	Ave (mm)	p	SQ	Ave (mm)	p	SQ	Ave (mm)	p	SQ	Ave (mm)	p	SQ	Ave (mm)	p	SQ
K12 + M18	0.00		NA	1.00		0.08	1.00		0.08	1.25		**1.67**	0.00		NA
K12 + LAFTI L10	0.00		NA	6.75		0.42	6.75		0.10	4.50		1.26	0.00		0.00
K12 + R0052	0.00		NA	3.25		0.25	3.25		0.00	2.75		0.41	0.00		0.00
K12 + SD5846	0.00		NA	2.25		0.15	2.25		0.00	2.75		1.10	0.00		NA
K12 + Lp2001	0.00		**US**	3.00		0.24	3.00		0.20	2.67		**2.67**	0.00		0.00
M18 + LAFTI L10	0.00		NA	5.00		0.92	5.00		**1.50**	9.50		**2.20**	2.50		0.44
M18 + R0052	0.00		NA	4.25		**1.76**	4.25		0.61	4.50		0.61	0.00		0.00
M18 + SD5846	0.00		NA	0.00		0.00	0.00		NA	0.00		0.00	0.00		NA
M18 + Lp2001	5.75		**US**	11.00		**5.81**	11.00		**9.19**	10.25		**5.86**	8.50		**US**
LAFTI L10 + R0052	0.00		NA	6.50		1.02	6.50		0.19	5.00		0.49	4.25		0.37
LAFTI L10 + SD5846	5.00		**US**	14.50		**1.77**	14.50	**0.01**	**3.69**	14.75	**0.03**	**2.43**	12.50		**2.19**
LAFTI L10 + Lp2001	13.00	**<0.0001**	**US**	20.14	**<0.0001**	**3.44**	20.14	**<0.0001**	**3.94**	19.29	**<0.0001**	**4.22**	23.86	**<0.0001**	**4.18**
R0052 + SD5846	0.00		NA	6.50		1.26	6.50		**1.64**	9.75		1.06	9.50		**1.68**
R0052 + Lp2001	0.00		NA	9.25	**<0.01**	**3.29**	9.25	**0.05**	**1.51**	13.75	**0.01**	**1.79**	9.25	**0.05**	**1.63**
SD5846 + Lp2001	3.50		**US**	1.75		0.38	1.75		0.88	5.00		1.43	2.50		**US**

Fig. 7

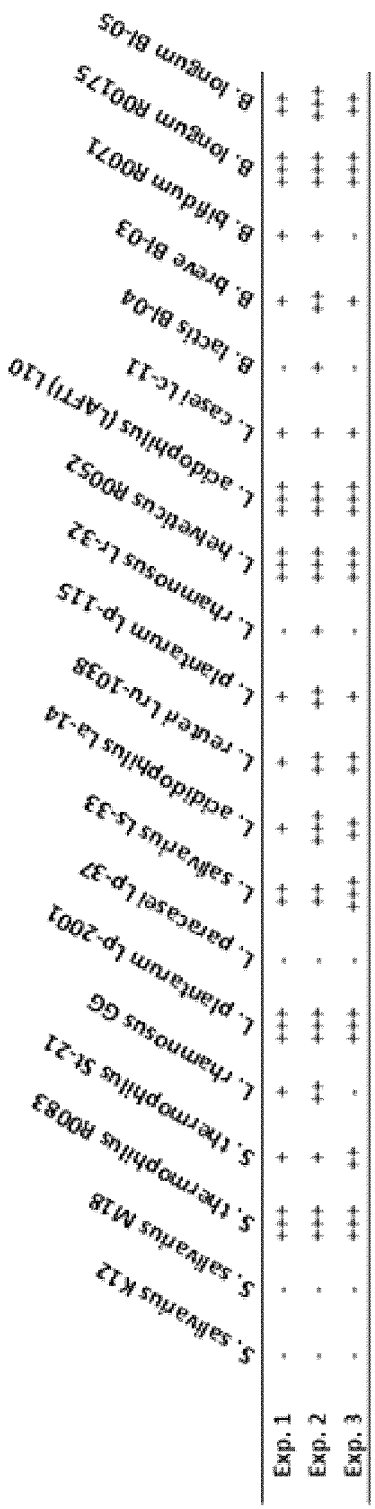

S. salivarius K12
S. salivarius M18
S. thermophilus R0083
S. thermophilus St-21
L. rhamnosus GG
L. plantarum Lp-2001
L. paracasei Lp-37
L. salivarius Ls-33
L. acidophilus La-14
L. reuteri Lru-1038
L. plantarum Lp-115
L. rhamnosus Lr-32
L. helveticus R0052
L. acidophilus (LAFTI) L10
L. casei Lc-11
B. lactis Bl-04
B. breve Bl-03
B. bifidum R0071
B. longum R0175
B. longum Bl-05
Exp. 1
Exp. 2
Exp. 3

Fig. 8

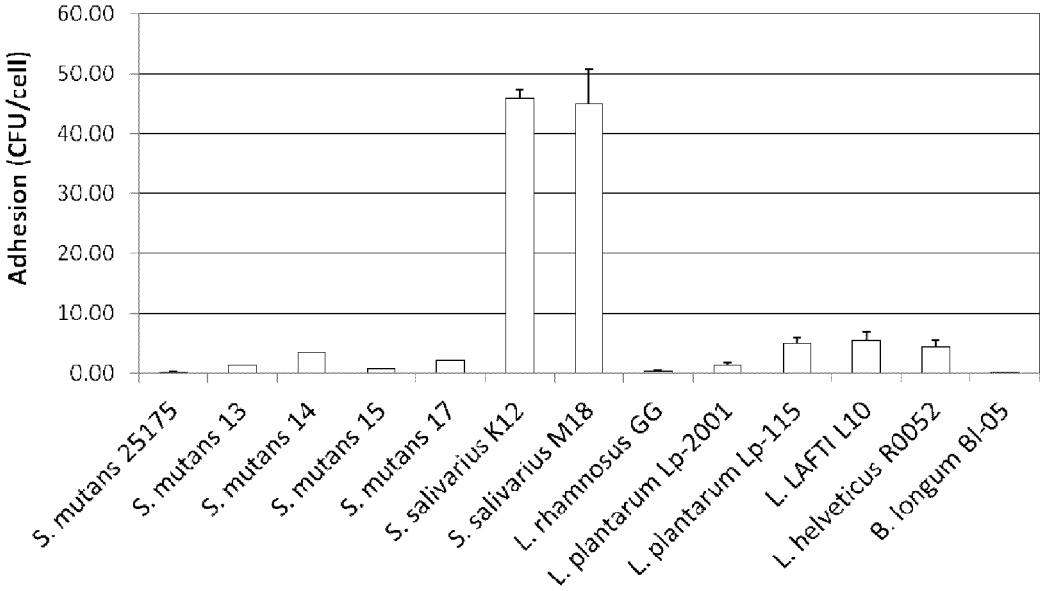

Adhesion (CFU/cell)
60.00
50.00
40.00
30.00
20.00
10.00
0.00
S. mutans 25175
S. mutans 13
S. mutans 14
S. mutans 15
S. mutans 17
S. salivarius K12
S. salivarius M18
L. rhamnosus GG
L. plantarum Lp-2001
L. plantarum Lp-115
L. LAFTI L10
L. helveticus R0052
B. longum BI-05

Fig. 9

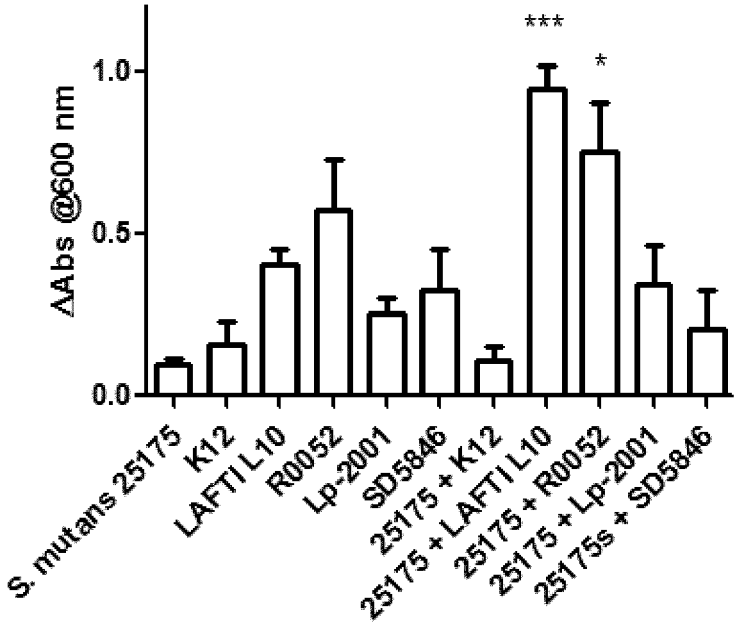

ΔAbs @600 nm
1.0
0.5
0.0
***
*
S. mutans 25175
K12
LAFTI L10
R0052
Lp-2001
SD5846
25175 + K12
25175 + LAFTI L10
25175 + R0052
25175 + Lp-2001
25175s + SD5846

Fig. 10