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Title	Functional properties of exopolysaccharide (EPS) extract from Lactobacillus fermentum Lf2 and its impact when combined with Bifidobacterium animalis INL1 in yoghurt
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Table S1 - Primers and conditions used for the determinations of several bacterial groups in faeces by qPCR. Ef: Efficiency obtained for each pair of primers.

Primers	Sequences (5'-3')	Standard	Dynamic Range (UFC mL^{-1})	*Primers* (nM)	Ta (°C)	Ef (%)	Reference
Lactobacillus-F	AGCAGTAGGGAATCTTCCA	*Lactobacillus fermentum* Lf2	$6x10^8$-$2x10^5$	200	55	73	Echarri et al.. (2011)
Lactobacillus-R	CATGGAGTTCCACTGTCCTC						
Bifidobacterium-F	GATTCTGGCTCAGGATGAACGC	*Bifidobacterium animalis* subsp. *lactis* INL1	$4x10^9$-$4x10^4$	200	60	90	Gueimonde, Tölkkö, & Korpimaki (2004)
Bifidobacterium-R	CTGATAGGACGCGACCCCAT						
B. animalis-F	ACCAACCTGCCCTGTGCACCG	*Bifidobacterium animalis* subsp. *lactis* INL1	$4x10^9$-$4x10^4$	200	60	92	Rinne et al. (2005)
B. animalis-R	CCATCACCCCGCCAACAAGCT						
B. breve-F	AATGCCGGATGCTCCATCACAC	*Bifidobacterium breve* 110	$1x10^9$-$1x10^5$	200	63	80	Gueimonde, Debor, Tölkkö, Jokisalo, & Salminen (2006)
B. breve-R	GCCTTGCTCCCTAACAAAAGAGG						
C. leptum-F	GCACAAGCAGTGGAGT	*Faecalibacterium prausnitzii* JCM 31915	$1x10^5$-32	200	54	83	Matsuki, Watanabe, Fujimoto, Takada, & Tanaka (2004)
C. leptum-R	CTTCCTCCGTTTTGTCAA						
B. catenulatum-F	GCCGGATGCTCCGACTCCT	*Bifidobacterium pseudocatenulatum* ATCC 27919	$8x10^4$-26	200	55	81	Gueimonde et al. (2006)
B. catenulatum-R	ACCCGAAGGCTTGCTCCCGAT						
C. coccoides-F	AAATGACGGTACCTGACTAA	*Blautia coccoides* ATCC 29236	$2x10^5$-700	300	55	65	Matsuki et al. (2002)
C. coccoides-R	CTTTGAGTTTCATTCTTGCGAA						
B. bifidum-F	TGACCGACCTGCCCCATGCT	*Bifidobacterium bifidum* ATCC 35914	$2x10^8$-$2x10^3$	100	60	88	Gueimonde et al. (2006)
B. bifidum-R	CCCATCCCACGCCGATAGAAT						
Staphylococcus-F	ACGGTCTTGCTGTCACTTATA	*Staphylococcus aureus* 76	$2x10^8$-$2x10^3$	300	56	102	Matsuda Tsuji, Asahara, Kado, & Nomoto (2007)
Staphylococcus-R	TACACATATGTTCTTCCCTAATAA						
Enterobacteriaceae-F	CATTGACGTTACCCGCAGAAGAAGC	*Escherichia coli* EC101	$2x10^8$-$2x10^3$	300	60	95	Bartosch, Fite, Macfarlane, & McMurdo (2004)
Enterobacteriaceae-R	CTCTACGAGACTCAAGCTTGC						
Streptococcus-F	GTACAGTTGCTTCAGGACGTATC	*Streptococcus thermophilus* SC 42	$1.5x10^8$-$1.5x10^5$	200	60	81	Picard et al. (2004)
Streptococcus-R	ACGTTCGATTTCATCACGTTG						
Universal-F	AGAGTTTGATCCTGGCTCAG	*Lactobacillus fermentum* Lf2	$3x10^8$-$1x10^6$	200	58	70	Kullen, Sanozky-Dawes, Crowell, & Klaenhammer (2000)
Universal-R	GGCTGCTGGCACGTAGTTAG						

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