

Title	Functional properties of exopolysaccharide (EPS) extract from <i>Lactobacillus fermentum</i> Lf2 and its impact when combined with <i>Bifidobacterium animalis</i> INL1 in yoghurt
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Publication date	2019-05-07
Original Citation	Ale, E. C., Bourin, M. J. B., Peralta, G. H., Burns, P. G., Ávila, O. B., Contini, L. and Binetti, A. G. (2019) 'Functional properties of exopolysaccharide (EPS) extract from <i>Lactobacillus fermentum</i> Lf2 and its impact when combined with <i>Bifidobacterium animalis</i> INL1 in yoghurt', <i>International Dairy Journal</i> . doi: 10.1016/j.idairyj.2019.04.014
Type of publication	Article (peer-reviewed)
Link to publisher's version	10.1016/j.idairyj.2019.04.014
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Download date	2023-12-08 17:08:28
Item downloaded from	https://hdl.handle.net/10468/7897



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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
<i>Lactobacillus</i> -F	AGCAGTAGGGAATCTTCCA	<i>Lactobacillus fermentum</i> Lf2	6x10 ⁸ -2x10 ⁵	200	55	73	Echarri et al. (2011)
<i>Lactobacillus</i> -R	CATGGAGTTCCACTGTCCTC						
<i>Bifidobacterium</i> -F	GATTCTGGCTCAGGATGAACGC	<i>Bifidobacterium animalis</i> subsp. <i>lactis</i> INL1	4x10 ⁹ -4x10 ⁴	200	60	90	Gueimonde, Tölkö, & Korpimäki (2004)
<i>Bifidobacterium</i> -R	CTGATAGGACGCGACCCCAT						
<i>B. animalis</i> -F	ACCAACCTGCCCTGTGCACCG	<i>Bifidobacterium animalis</i> subsp. <i>lactis</i> INL1	4x10 ⁹ -4x10 ⁴	200	60	92	Rinne et al. (2005)
<i>B. animalis</i> -R	CCATCACCCCGCAACAAGCT						
<i>B. breve</i> -F	AATGCCGGATGCTCCATCACAC	<i>Bifidobacterium breve</i> 110	1x10 ⁹ -1x10 ⁵	200	63	80	Gueimonde, Debor, Tölkö, Jokisalo, & Salminen (2006)
<i>B. breve</i> -R	GCCTTGCTCCCTAACAAAAGAGG						
<i>C. leptum</i> -F	GCACAAGCAGTGGAGT	<i>Faecalibacterium prausnitzii</i> JCM 31915	1x10 ⁵ -32	200	54	83	Matsuki, Watanabe, Fujimoto, Takada, & Tanaka (2004)
<i>C. leptum</i> -R	CTTCTCCGTTTTGTCAA						
<i>B. catenulatum</i> -F	GCCGGATGCTCCGACTCCT	<i>Bifidobacterium pseudocatenulatum</i> ATCC 27919	8x10 ⁴ -26	200	55	81	Gueimonde et al. (2006)
<i>B. catenulatum</i> -R	ACCCGAAGGCTTGCTCCCGAT						
<i>C. coccoides</i> -F	AAATGACGGTACCTGACTAA	<i>Blautia coccoides</i> ATCC 29236	2x10 ⁵ -700	300	55	65	Matsuki et al. (2002)
<i>C. coccoides</i> -R	CTTTGAGTTTCATTCTTGCGAA						
<i>B. bifidum</i> -F	TGACCGACCTGCCCCATGCT	<i>Bifidobacterium bifidum</i> ATCC 35914	2x10 ⁸ -2x10 ³	100	60	88	Gueimonde et al. (2006)
<i>B. bifidum</i> -R	CCCATCCCACGCCGATAGAAT						
<i>Staphylococcus</i> -F	ACGGTCTTGCTGTCACTTATA	<i>Staphylococcus aureus</i> 76	2x10 ⁸ -2x10 ³	300	56	102	Matsuda Tsuji, Asahara, Kado, & Nomoto (2007)
<i>Staphylococcus</i> -R	TACACATATGTTCTTCCCTAATAA						
<i>Enterobacteriaceae</i> -F	CATTGACGTTACCCGAGAAGAAGC	<i>Escherichia coli</i> EC101	2x10 ⁸ -2x10 ³	300	60	95	Bartosch, Fite, Macfarlane, & McMurdo (2004)
<i>Enterobacteriaceae</i> -R	CTCTACGAGACTCAAGCTTGC						
<i>Streptococcus</i> -F	GTACAGTTGCTTCAGGACGTATC	<i>Streptococcus thermophilus</i> SC 42	1.5x10 ⁸ -1.5x10 ⁵	200	60	81	Picard et al. (2004)
<i>Streptococcus</i> -R	ACGTTGATTTTCATCACGTTG						
Universal-F	AGAGTTTGATCCTGGCTCAG	<i>Lactobacillus fermentum</i> Lf2	3x10 ⁸ -1x10 ⁶	200	58	70	Kullen, Sanozky-Dawes, Crowell, & Klaenhammer (2000)
Universal-R	GGCTGCTGGCACGTAGTTAG						

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