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4 TABLE S2. Nucleotide sequences of *epsD/E* gene of strains *Lb. curvatus* 69B2, *Leuc. lactis/garlicum* 68A12, *Leuc. mesenteroides* A57 and
5 *Leuc. pseudomesenteroides* 63.

Strain	Sequence	Closely relative Sequence (% of identity with underlined sequence)
<i>Lb. curvatus</i> 69B2	<u>TTCATTTTATTGGTAAAACCTCAAATTGAGGAGTTTCCACAGTT</u> <u>TTGGAATATGTTAAGGGGAAATATGAGTTTAGTTGGGCCACGT</u> <u>CCAATTGTAAGAGGAGAGTTAAAGAATAAGGGGAACAAGTCGA</u> <u>TTTGTTTT</u> (139 bp)	DQ873503 (89%) ¹
<i>Leuc. lactis/garlicum</i> 68A12	<u>TGATTTTATTTGTAAAACCTCAAATTGATGAGTTTCCACAATTT</u> <u>TGGAATGTGCTAAAAGGCGATATGTCATTAGTTGGTCCTAGACC</u> <u>AGCTCTGGAAGAGGAGTATGAAAAATATACTGAAACAGAAAAA</u> AAGCGTCTCAAG (143 bp)	DQ873506 (79%) ²
<i>Leuc. mesenteroides</i> A57	<u>TCATTTTATTTGTAAAACCTCAAATTGATGAGTTTCCACAATTTTGG</u> <u>AATGTGCTAAAAGGCGATATGTCATTAGTTGGTCCTAGACCAGCTC</u> <u>TGGAAGAGGAGTATGAAAAATATACTGAAACAGAAAAAAGCGTC</u> TCAA (142 bp)	DQ873506 (79%) ²
<i>Leuc. pseudomesenteroides</i> 63	<u>TCATTTTATTTGTAAAACCTCAAATTGATGAGTTTCCACAATTTT</u> <u>GGAATGTGCTAAAAGGCGATATGTCATTAGTTGGTCCTAGACCA</u> <u>GCTCTGGAAGAGGAGTATGAAAAATATACTGAAACAGAAAAA</u> AGCGTCTCAAGTCAAGCCAGTG	DQ873506 (79%) ²

6 ¹*Leuconostoc citreum* strain 2.8 priming glycosyltransferase gene, partial cds.
7 ²*Pediococcus pentosaceus* strain CRL 777 priming glycosyltransferase gene, partial cds.
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