

Supplementary Materials: Molecular Detection of Two Potential Probiotic Lactobacilli Strains and Evaluation of Their Performance as Starter Adjuncts in Yogurt Production

Georgia Saxami, Olga S. Papadopoulou, Nikos Chorianopoulos, Yiannis Kourkoutas, Chrysoula C. Tassou and Alex Galanis

Table S1. The complete list of *Lactobacillus* strains tested in multiplex polymerase chain reaction (PCR) with the strain specific primer pair 281R/281F and the universal primer pair P1/P2. A unique 2-band pattern is only produced for *Lactobacillus pentosus* B281 (indicated as +). *Lactobacillus* strains that were negative in the current PCR assay with the strain specific primer pair 281R/281F are indicated as (-).

Stain Tested	PCR Specificity with Primer Pair	
	281F/281R	P1/P2
<i>Lactobacillus pentosus</i> B281	+	+
<i>Lb. pentosus</i> 141	-	+
<i>Lb. pentosus</i> E95	-	+
<i>Lb. pentosus</i> E106B	-	+
<i>Lb. pentosus</i> E128	-	+
<i>Lb. pentosus</i> E89	-	+
<i>Lb. pentosus</i> E119	-	+
<i>Lb. pentosus</i> E182	-	+
<i>Lb. pentosus</i> E105	-	+
<i>Lb. pentosus</i> 632	-	+
<i>Lb. pentosus</i> 612	-	+
<i>Lb. pentosus</i> 625A	-	+
<i>Lb. pentosus</i> E84	-	+
<i>Lb. pentosus</i> E120	-	+
<i>Lb. pentosus</i> 606	-	+
<i>Lb. pentosus</i> E83	-	+
<i>Lb. pentosus</i> 108	-	+
<i>Lb. pentosus</i> 139	-	+
<i>Lb. pentosus</i> E111	-	+
<i>Lb. pentosus</i> E110	-	+
<i>Lb. pentosus</i> E121	-	+
<i>Lb. pentosus</i> 97	-	+
<i>Lb. pentosus</i> E43	-	+
<i>Lb. pentosus</i> E101	-	+
<i>Lb. pentosus</i> E96	-	+
<i>Lb. pentosus</i> E129	-	+
<i>Lb. pentosus</i> 609	-	+
<i>Lb. pentosus</i> 637	-	+
<i>Lb. plantarum</i> B282	-	+
<i>Lb. casei</i> Shirota ACA-DC 6002	-	+
<i>Lb. rhamnosus</i> GG ATCC 53103	-	+
<i>Lb. casei</i> ATCC 393	-	+
<i>Lb. zeae</i> DSM 20178	-	+

Table S2. The complete list of *Lactobacillus* strains tested in multiplex PCR with the strains specific primer pair 282R/282F and the universal primer pair P1/P2. A unique 2-band pattern is only produced for *Lb. plantarum* B282 (indicated as +). *Lactobacillus* strains that were negative in the current PCR assay with the strain specific primer pair 281R/281F are indicated as (-).

Stain Tested	PCR Specificity with Primer Pair	
	282F/282R	P1/P2
<i>Lactobacillus plantarum</i> B282	+	+
<i>Lb. plantarum</i> E4	–	+
<i>Lb. plantarum</i> E1	–	+
<i>Lb. plantarum</i> E45	–	+
<i>Lb. plantarum</i> E50	–	+
<i>Lb. plantarum</i> E66	–	+
<i>Lb. plantarum</i> E68	–	+
<i>Lb. plantarum</i> E71	–	+
<i>Lb. plantarum</i> E73	–	+
<i>Lb. plantarum</i> E77	–	+
<i>Lb. plantarum</i> E79	–	+
<i>Lb. plantarum</i> 10	–	+
<i>Lb. plantarum</i> E69	–	+
<i>Lb. plantarum</i> E63	–	+
<i>Lb. pentosus</i> E43	–	+
<i>Lb. pentosus</i> B281	–	+
<i>Lb. pentosus</i> 390A	–	+
<i>Lb. pentosus</i> 97	–	+
<i>Lb. pentosus</i> E95	–	+
<i>Lb. casei</i> ATCC 393	–	+
<i>Lb. paracasei</i> DSM 20207	–	+
<i>Lb. paracasei</i> DSM 46331	–	+
<i>Lb. paracasei</i> DSM 5622	–	+
<i>Lb. zeae</i> DSM 20178	–	+
<i>Lb. ingluviei</i> DSM 15946	–	+
<i>Lb. casei</i> Shirota ACA-DC 6002	–	+
<i>Lb. rhamnosus</i> GG ATCC 53103	–	+
<i>Lb. bulgaricus</i> ATCC 11842	–	+