

Table S3 List of the species-specific primers used in this study for qPCR analysis (adjusted from Mezzasalma et al., 2015).

Probiotic	Primer code	Sequence (5'→ 3')	DNA region	Amplified length (bp)
<i>L. plantarum</i>	Lpl2F	CATTGGAACCGAACCAGTTG	16S/23S IS	203 bp
	LpL2R	CGGTGTTCTCGGTTTCATTATG		
<i>L. acidophilus</i>	Lacid2F	GGGCAAATCACGAACGAGTA	pre16S	132 bp
	Lacid2R	CTTTGTTTTCGTTCGCTTCA		
<i>B. animalis</i> subsp. <i>lactis</i>	AnimF	GCACGGTTTTGTGGCTGG	pre 16S	171 bp
	AnimR	GACCTGGGGGACACACTG		