

Supplementary Table S6. General probiotic characterization of isolated strains.

	ETC150	ETC175	ETC187
Growth in MRS broth at/in			
15°C	-	-	-
45°C	w	w	w
4% NaCl	+	+	+
pH 3.0	w	w	w
Auto-aggregation (%)¹	37 ± 5*	30 ± 3	35 ± 5
Hydrophobicity index (%)¹	35 ± 8	30 ± 5	31 ± 6
Survival to simulated GIT (%)¹	77 ± 1.3	75 ± 2	90 ± 1.2

(-): Negative growth in tested conditions, ΔDO [$DO_{24h} - DO_{initial}$] ≤ 0.2 ; (+): Positive growth. $\Delta DO \geq 0.5$; w: week growth, $\Delta DO = 0.21 - 0.49$. ¹Calculated according to the reference techniques equations. (*): mean \pm SD.