

Table S1. Cheese samples used in the study

Dairy Code	Sample Code	Cheese Type	Aging	Age (months)	Analysis Applied to Cheese Samples		
					Culture-independent analysis	Culture-dependent analysis	Mining for lactobacilli strains with probiotic characteristics
A	AD	IT*	Skin bag	14	YES	YES	NO
C	CD	IT	Skin bag	10			
H	HD	IT	Skin bag	22			
L	LD	IT	Skin bag	14			
N	ND	IT	Skin bag	14			
A	12A	IBT**	Brine/Can	8			
H	16H	IBT	Brine/Can	10			
C	17C	IBT	Brine/Can	10			
N	20N	IBT	Brine/Can	8-9	NO		YES
N	21N	IBT	Brine/Can	8-9			
N	9N	IBT	Brine/Can	8			
N	10N	IBT	Brine/Can	8			
R	3R	IBT	Brine/Can	8			
R	4R	IBT	Brine/Can	8			

* Izmir Tulum Cheese ** Izmir Brined Tulum Cheese