## Ethnic Specificity of Species and Strain Composition of *Lactobacillus* Populations from Mother-infant Pairs, Uncovered by Multilocus Sequence Typing

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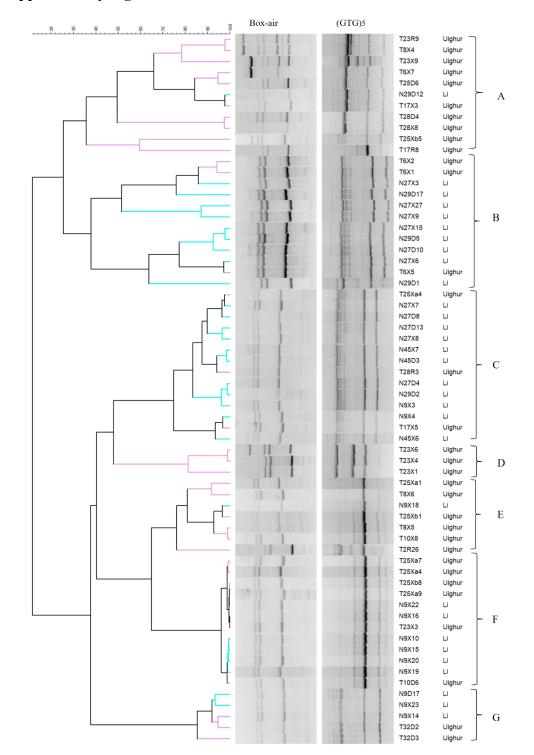
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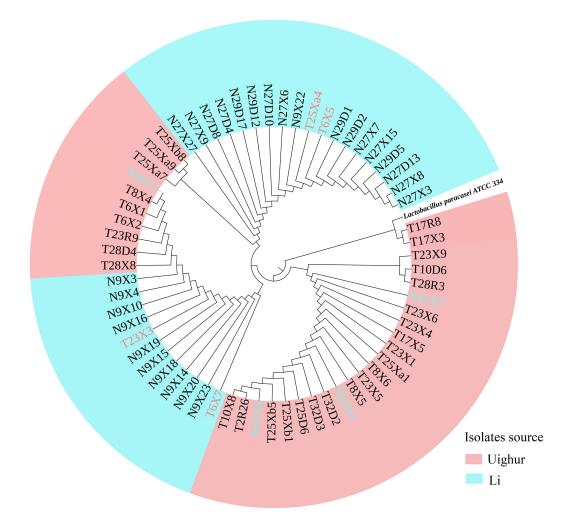
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## **Supplementary Figure**

**FIG. S1** Fingerprint typing cluster of 64 representative strains of *L. paracasei* based on Box-air and (GTG)5 primers.



**FIG. S2** The phylogenetic tree of 64 representative *L. paracasei* strains based on the concatenated sequence of the seven housekeeping genes. The maximum likelihood method was used for the analysis with 1,000 bootstrap repeats.

## **Supplementary Tables**

	Values (%)	
Characteristics and demographic data	Uighur	Li
Infant sex		
Male	8 (47)	7 (50)
Female	9 (53)	7 (50)
Feeding way		
Breastfeeding	0	1 (7)
breastfeeding + formula feeding	1 (6)	2 (15)
breastfeeding + liquid feeding	16 (94)	8 (57)
formula feeding + liquid feeding	0	3 (21)
infant weight (kg)	$7.27\pm0.07\texttt{*}$	$7.29\pm0.57\texttt{*}$
infant length (cm)	66	71
Maternal BMI condition		
Normal (18.5-23.9)	8	10
Slightly fat (24.0-26.9)	1	3
Obesity (27-29.9)	7	1
Unknown	1	0
*, $Mean \pm SD$		

**Supplementary Table S1**. The characteristics and demographic data of the mothers and infants in this study.

**Supplementary Table S2.** The survey overview of main diet of mothers and infants of two ethnic groups during breastfeeding in this study

Ethnic groups		Main diet
Li	Monther	Breakfast: rice porridge, papaya porridge, powder soup (seafood), occasionally pickles
		Lunch: congee, sour melon fried meat, pickled cabbage, fish, snail, occasionally chicken and duck
		Dinner: porridge
		side dish: coconut, mango, papaya
	Infant	Feeding way: breast milk or milk powder
Uighur	Monther	Breakfast: milk tea, soy milk, milk, naan bread
		Lunch: noodles, lamb and rice, beef, onion
		Dinner: soup, rice noodles
		side dish: dried fruit, rose sauce, cheese
	Infant	feedingway: Breast milk, milk powder, feed a liquid diet occasionally