

Online supplementary material to

***Fructilactobacillus frigidiflavus* sp. nov., a pigmented species, and *Levilactobacillus lettrarii*
sp. nov., a propionate producing species isolated from sourdough**

Vi D. Pham and Michael G. Gänzle

University of Alberta, Dept. of Agricultural, Food and Nutritional Science, Edmonton, Canada

Table S1. Sequencing and genome features of *Fructilactobacillus frigidiflavus* FUA3702, FUA3912, FUA3913 and *Levilactobacillus lettrarii* FUA3695, FUA3914.

Organism	FUA3702	FUA3912	FUA3913	FUA3695	FUA3914
Accession number	CP168715	CP168713	JBGRWJ0000000000	CP168709	CP168705
Number of contigs	2	2	1	3	3
Contig 1 size (chromosome, bp)	1,626,696	1,618,289	1,626,781	3,028,146	3,028,509
Contig 2 size (plasmid, bp)	3559	11,428	-	28,954	28,953
Contig 3 size (plasmid, bp)	-	-	-	27,339	11,616
G+C content (mol%)	37.00	36.92	37.01	50.36	50.39
Coding sequences	1594	1581	1573	2729	2726
CAZymes	74	73	73	147	145
tRNAs	61	61	61	61	60
rRNAs	27	34	27	18	18
Sequencing coverage (fold)	503	469	310	207	405

Fig. S1. Phylogenetic tree of 16S rRNA gene of the type strains in the genus *Fructilactobacillus* with assembly accession numbers in parentheses. The closely related type strain of *Acetilactobacillus jinshanensis* was used as an outgroup.

Fig. S2. Phylogenetic tree of 16S rRNA genes of the genus *Levilactobacillus* assembly accession numbers in parentheses. The closely related type strain of *Secundilactobacillus collinoides* was used as an outgroup.

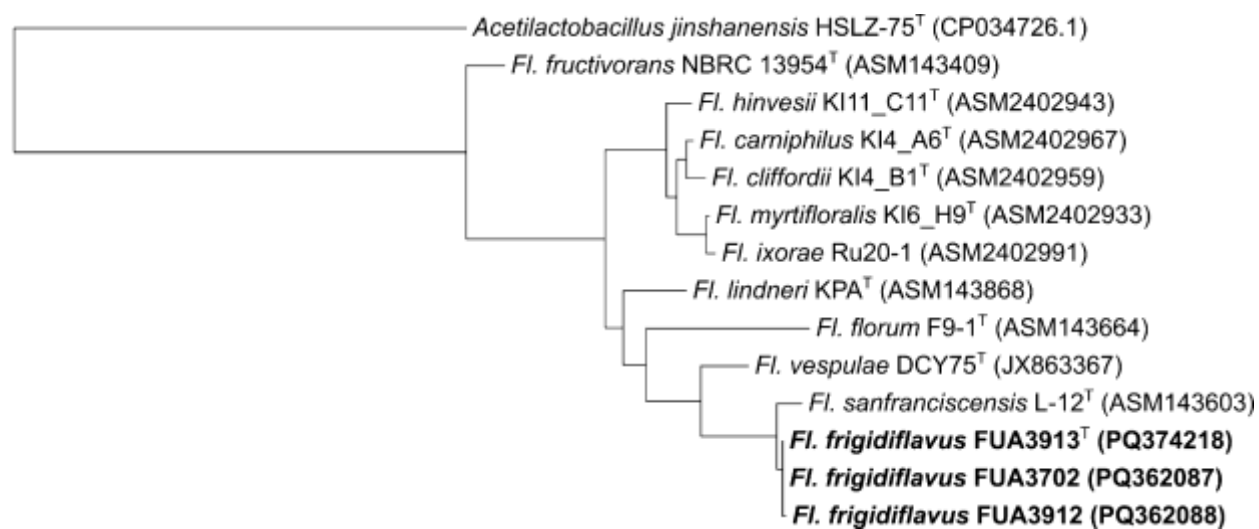


Fig. S1.

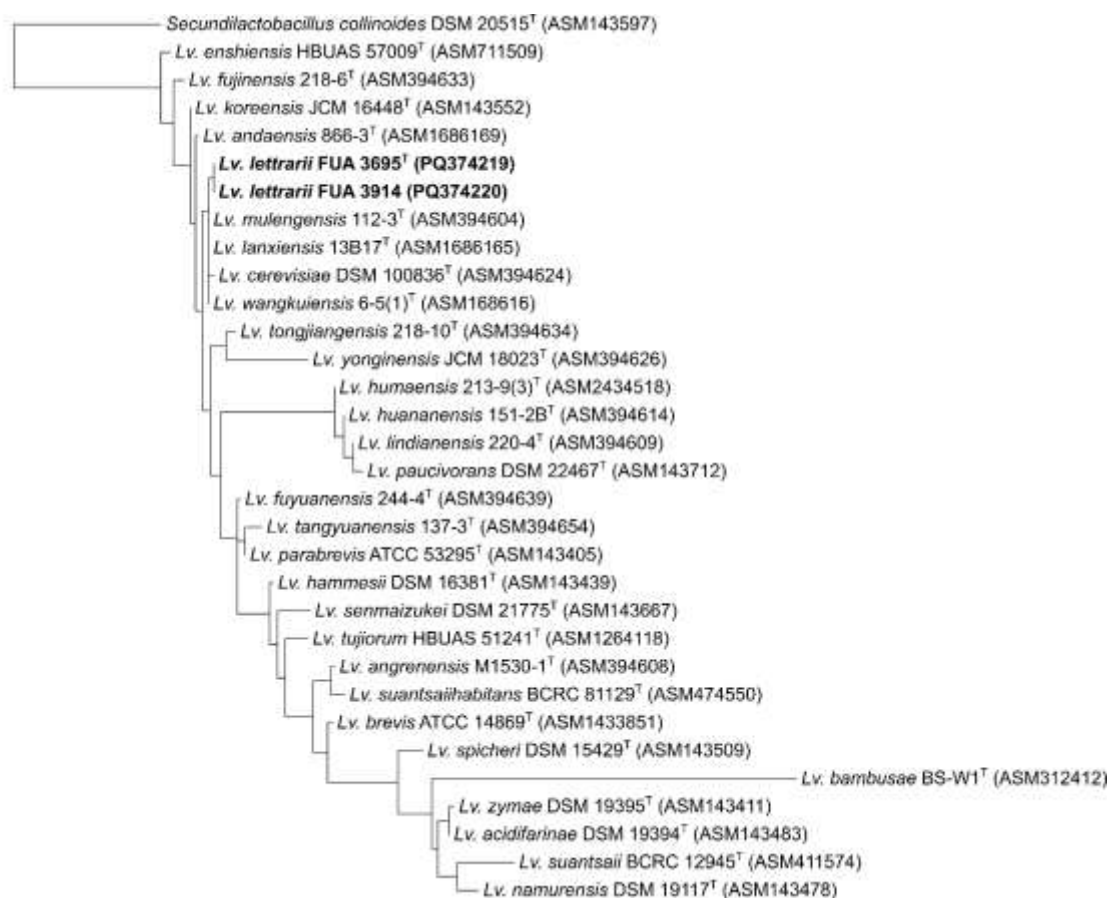


Fig. S2.