80.0 80.0 80.0	230.00	130.00	100.00	40.00	20.00	\$30071	1.0054	8,00,00	100.00	330.00	80.8	200,00	130.00		100.00	20.00	Isolate ID	Ribotype	Lineage	SigB Allelic type	Sampling date	CU P
T.T.T.	r i	1		1	T		'	T T	r	Í.	T					T	FSL V1-001	DUP-1039C	п	57	10/2007 (Farm 1) NYCI
11								1		Γ							FSL V1-002	DUP-1039C	п	57	10/2007 (Farm 1) NYCI
01	1		1 in	01					I	1	L.	Ľ		l	101		FSL V1-003	DUP-1042C	Ι	58	01/2008 (Farm 1) NYCI
	1								1					1			FSL V1-004	DUP-1042C	Ι	58	01/2008 (Farm 1) NYCI
11	ſ.		1							П			IT				FSL V1-005	DUP-1045A	п	57	01/2008 (Farm 1) NYCI
11										П			11				FSL V1-006	DUP-1045A	п	57	01/2008 (Farm 1) NYCI
ÚŬ.	1		Ű.	mo					1	1	1			1	1016		FSL V1-007	DUP-1042C	Ι	58	01/2008 (Farm 1) NYCI
11	Г		П						1			П	III				FSL V1-117	DUP-1052A	Ι	63	06/2009(Farm 2	2) NYCI
												П					FSL V1-118	DUP-1052A	Ι	63	06/2009(Farm 2) NYCI
																		' FSL V1-001 FSL V1-002 FSL V1-002 FSL V1-003 FSL V1-003 FSL V1-004 FSL V1-004 FSL V1-005 FSL V1-005 FSL V1-006 FSL V1-007 FSL V1-117 FSL V1-117	' FSL V1-001 DUP-1039C FSL V1-002 DUP-1039C FSL V1-003 DUP-1042C FSL V1-004 DUP-1042C FSL V1-005 DUP-1042C FSL V1-005 DUP-1045A FSL V1-006 DUP-1045A FSL V1-007 DUP-1045A FSL V1-007 DUP-1042C FSL V1-117 DUP-1052A	' FSL V1-001 DUP-1039C II FSL V1-002 DUP-1039C II FSL V1-003 DUP-1042C I FSL V1-004 DUP-1042C I FSL V1-005 DUP-1045A II FSL V1-006 DUP-1045A II FSL V1-007 DUP-1045A II FSL V1-007 DUP-1045A I FSL V1-117 DUP-1052A I	Image Allebic type Image Image Image Image	Image Image Allelic type Sampling date Image Allelic type Image Allelic type Sampling date Image Image Allelic type Image Image Allelic type Image Image Image Allelic type Image

PFGE-AscI

FIG. S1. PFGE types, *sigB* allelic types, and ribotype patterns of *L. monocytogenes* isolates obtained from two dairy farms.

Pattern No_Ascl CU Pattern No_Apal

CU.GX6A16.0184 NYCU.GX6A12.0129 CU.GX6A16.0184 NYCU.GX6A12.0129 CU.GX6A16.0018 NYCU.GX6A12.0242 CU.GX6A16.0018 NYCU.GX6A12.0242 CU.GX6A16.0185 NYCU.GX6A12.0206 CU.GX6A16.0185 NYCU.GX6A12.0206 CU.GX6A16.0018 NYCU.GX6A12.0242 CU.GX6A16.0011 NYCU.GX6A12.0282 CU.GX6A16.0011 NYCU.GX6A12.0282

											~	-				_											SigB		
-5005	-1.0004 -2000 -1.0005	20.0	8.81	90.00	28.0	200.00	18.0	8.8	40.00	2000	-1006	-1.008	60.00	20.0	100.00		28.0	20.00	8.81	8		10.00	20.00	IIsolate ID	Ribotype	Lineage	Allelic type	Sampling date	CU Pa
				Ľ	Ú.	Ĺ	Ċ			,		'					Ĺ							FSL V1-001	DUP-1039C	п	57	10/2007 (Farm 1) NYCU
					T								1											FSL V1-002	DUP-1039C	п	57	10/2007 (Farm 1) NYCU
			11		Т			0										Ĥ				0		FSL V1-003	DUP-1042C	Ι	58	01/2008 (Farm 1) NYCU
- 11					1														1					FSL V1-004	DUP-1042C	Ι	58	01/2008 (Farm 1) NYCU
- 1			11		ſ			1								Т	1		П					FSL V1-005	DUP-1045A	п	57	01/2008 (Farm 1) NYCU
- 11					1											1	1		11					FSL V1-006	DUP-1045A	п	57	01/2008 (Farm 1) NYCU
- 11	T		11		1			Ű.	mo						Ľ	1		IÍ	Ш		00	6		FSL V1-007	DUP-1042C	Ι	58	01/2008 (Farm 1) NYCU
- 0			П		T			Г	Ш									1	II.	1		11		FSL V1-117	DUP-1052A	Ι	63	06/2009(Farm 2) NYCU
					1			1								1								FSL V1-118	DUP-1052A	Ι	63	06/2009(Farm 2) NYCU

Pattern No_Ascl CU Pattern No_Apal CU.GX6A16.0184 NYCU.GX6A12.0129 CU.GX6A16.0184 NYCU.GX6A12.0129 CU.GX6A16.0018 NYCU.GX6A12.0242 CU.GX6A16.0018 NYCU.GX6A12.0242 CU.GX6A16.0185 NYCU.GX6A12.0206 CU.GX6A16.0185 NYCU.GX6A12.0206 CU.GX6A16.0018 NYCU.GX6A12.0242 CU.GX6A16.0011 NYCU.GX6A12.0282 CU.GX6A16.0011 NYCU.GX6A12.0282

									_										SigB			
00.001 	38.0	20.00	8 8 F	40.00	20.00	-1008	2000	200.00	8.85	8.85	20.00	18.0	8.8	40.00	20002	IIsolate ID	Ribotype	Lineage		Sampling date	CU Pattern No_Ascl	CU Pattern No_Apal
							'									FSL V1-001	DUP-1039C	п	57	10/2007 (Farm 1) NYCU.GX6A16.0184	NYCU.GX6A12.0129
																FSL V1-002	DUP-1039C	п	57	10/2007 (Farm 1) NYCU.GX6A16.0184	NYCU.GX6A12.0129
	11 1		10								Ľ1					FSL V1-003	DUP-1042C	Ι	58	01/2008 (Farm 1) NYCU.GX6A16.0018	NYCU.GX6A12.0242
																FSL V1-004	DUP-1042C	Ι	58	01/2008 (Farm 1) NYCU.GX6A16.0018	NYCU.GX6A12.0242
	11		1									m	100			FSL V1-005	DUP-1045A	п	57	01/2008 (Farm 1) NYCU.GX6A16.0185	NYCU.GX6A12.0206
																FSL V1-006	DUP-1045A	п	57	01/2008 (Farm 1) NYCU.GX6A16.0185	NYCU.GX6A12.0206
T D	l I		- II	10							П	10	10	6		FSL V1-007	DUP-1042C	Ι	58	01/2008 (Farm 1) NYCU.GX6A16.0018	NYCU.GX6A12.0242
				T						1	11	Æ	Ш			FSL V1-117	DUP-1052A	Ι	63	06/2009 (Farm 2) NYCU.GX6A16.0011	NYCU.GX6A12.0282
																FSL V1-118	DUP-1052A	Ι	63	06/2009(Farm 2) NYCU.GX6A16.0011	NYCU.GX6A12.0282

									_										SigB			
00.001 	38.0	20.00	8 8 F	40.00	20.00	-1008	2000	200.00	8.85	8.85	20.00	18.0	8.8	40.00	20002	IIsolate ID	Ribotype	Lineage		Sampling date	CU Pattern No_Ascl	CU Pattern No_Apal
							'									FSL V1-001	DUP-1039C	п	57	10/2007 (Farm 1) NYCU.GX6A16.0184	NYCU.GX6A12.0129
																FSL V1-002	DUP-1039C	п	57	10/2007 (Farm 1) NYCU.GX6A16.0184	NYCU.GX6A12.0129
	11 1		10								Ľ1					FSL V1-003	DUP-1042C	Ι	58	01/2008 (Farm 1) NYCU.GX6A16.0018	NYCU.GX6A12.0242
																FSL V1-004	DUP-1042C	Ι	58	01/2008 (Farm 1) NYCU.GX6A16.0018	NYCU.GX6A12.0242
	11		1									m	100			FSL V1-005	DUP-1045A	п	57	01/2008 (Farm 1) NYCU.GX6A16.0185	NYCU.GX6A12.0206
																FSL V1-006	DUP-1045A	п	57	01/2008 (Farm 1) NYCU.GX6A16.0185	NYCU.GX6A12.0206
T D	l I		- II	10							П	10	10	6		FSL V1-007	DUP-1042C	Ι	58	01/2008 (Farm 1) NYCU.GX6A16.0018	NYCU.GX6A12.0242
				T						1	11	Æ	Ш			FSL V1-117	DUP-1052A	Ι	63	06/2009 (Farm 2) NYCU.GX6A16.0011	NYCU.GX6A12.0282
																FSL V1-118	DUP-1052A	Ι	63	06/2009(Farm 2) NYCU.GX6A16.0011	NYCU.GX6A12.0282