

Supplement Table S1: *L. innocua* (n=139) and *L. monocytogenes* (n=81) isolate characteristics based on multi-locus sequence typing (MLST) included in this study in comparison to the Institut Pasteur MLST isolate database.).

Housekeeping Gene	Species	CC	ST	CC	Isolates (n)
		(Genetic Lineage)	(Serogroup)		
This Study			Mlst Database		
<i>abcZ</i>					
3	<i>L. monocytogenes</i>	1 (I)	1 (4b, 4d, 4e)	1, 6, 315, 217, 218, 345, 388	712
4	<i>L. monocytogenes</i>	3 (I)	3 (1/2b, 3b)	3	330
11	<i>L. monocytogenes</i>	59 (I)	59 (1/2b, 3b)a	59, 77, 195, 224, 426, 489, 517	145
5	<i>L. monocytogenes</i>	7 (II)	7 (1/2a, 3a)	7, 8, 26, 37, 177, 204, 229, 321, 380, 415, 570, 645, 739, 787, 906, 912, 1211	643
7	<i>L. monocytogenes</i>	121, 155, 398, 403 (II)	121*, 155*, 398, 403* (1/2a, 3a)	11, 14, 18, 19, 21, 31, 33, 89, 101, 121, 155, 193, 207, 307, 375, 398, 403, 451, 475, 573, 842, 940	669
8	<i>L. monocytogenes</i>	14 (II)	14* (1/2a, 3a)	14	44
25	<i>L. monocytogenes, L. innocua</i>	ST529 (III), ST1595	529 (4b, 4d, 4e), 1595*	132 (<i>L. innocua</i>)	7
26	<i>L. innocua</i>	ST1482, ST1596	1482, 1596	133, 602, 1482, 1596	16
28	<i>L. innocua</i>	140, ST530	637, 530	140, 537	23
36	<i>L. innocua</i>	600, ST605, ST1597	603*, 605, 1597*	492, 600	12
40	<i>L. innocua</i>	ST1600	1600	267 (<i>L. monocytogenes</i>)	3
65	<i>L. innocua</i>	448	448	448, 731	4
79	<i>L. innocua</i>	ST1598	1598	532	9
143	<i>L. innocua</i>	ST43, ST1599	43, 1599*		2
173	<i>L. innocua</i>	ST1008	1008		3
188	<i>L. innocua</i>	ST1085	1085*		1
191	<i>L. innocua</i>	ST1087	1087		1
250	<i>L. innocua</i>	ST1601	1601*		2
<i>bglA</i>					
1	<i>L. monocytogenes</i>	1, 59 (I)	1, 59 (4b, 4d, 4e)	1, 2, 5, 54, 59, 87, 218, 240, 363, 373, 388, 389, 426, 554, 651	1149
4	<i>L. monocytogenes</i>	3 (I)	3 (1/2b, 3b)	3, 392	337

6	<i>L. monocytogenes</i>	14, 121 (II)	14*, 121* (1/2a, 3a)	8, 11, 14, 18, 19, 89, 90, 121, 321, 375, 573, 787	536
7	<i>L. monocytogenes</i>	403 (II)	403* (1/2a, 3a)	21, 37, 204, 403	114
8	<i>L. monocytogenes</i>	7 (II)	7 (1/2a, 3a)	7, 1211	286
10	<i>L. monocytogenes</i>	155 (II)	155* (1/2a, 3a)	26, 29, 155, 177, 199, 645, 906	262
13	<i>L. monocytogenes</i>	398 (II)	398 (1/2a, 3a)	20, 398, 366	75
21	<i>L. innocua</i>	ST43, 448, 600, ST605, ST1087, ST1482, ST1596, ST1598	43, 448, 603*, 605, 1087, 1482, 1596, 1598	133, 492, 532. 537, 600	56
23	<i>L. innocua</i>	140, ST1597	637, 1597*	140, 1086	12
62	<i>L. innocua</i>	ST530, ST1600	530, 1600	448	4
73	<i>L. monocytogenes, L. innocua</i>	ST529 (III), ST1595	529 (4b, 4d, 4e), 1595*		2
95	<i>L. innocua</i>	ST1599	1599*	731	5
140	<i>L. innocua</i>	ST1008, ST1601	1008, 1601*		9
157	<i>L. innocua</i>	ST1085	1085*		1

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1	<i>L. monocytogenes</i>	1 (I)	1 (4b, 4d, 4e)	1, 217, 218, 240, 688	532
4	<i>L. monocytogenes</i>	3 (I)	3 (1/2b, 3b)	3, 87, 195, 373, 379, 517	393
5	<i>L. monocytogenes</i>	7 (II)	7 (1/2a, 3a)	7	285
8	<i>L. monocytogenes</i>	121 (II)	121* (1/2a, 3a)	26, 121, 229, 307, 321, 369, 412, 475, 570, 573, 645, 787, 842	260
10	<i>L. monocytogenes</i>	403 (II)	403* (1/2a, 3a)	11, 31, 124, 207, 403, 912, 940	127
12	<i>L. monocytogenes</i>	59 (I)	59 (1/2b, 3b)	4, 54, 59, 88, 224, 284, 344, 388, 389, 392, 489	212
13	<i>L. monocytogenes, L. innocua</i>	14 (II)	14* (1/2a, 3a)	14, 375	33
16	<i>L. monocytogenes</i>	155 (II)	155* (1/2a, 3a)	155	112
19	<i>L. monocytogenes</i>	398 (II)	398 (1/2a, 3a)	19, 398	38
30	<i>L. innocua</i>	ST605, ST1597, ST1599, ST1600	605, 1597*, 1599*, 1600	132, 133	21
33	<i>L. innocua</i>	140, ST1596, ST1598	637, 1596, 1598	140, 731	17
40	<i>L. innocua</i>	ST43, 448, ST530, 600, ST1482	43, 448, 530, 603*, 1482	448, 492, 600	18
73	<i>L. innocua</i>	ST1601	1601*		3
82	<i>L. monocytogenes</i>	ST529 (III)	529 (4b, 4d, 4e)		1

173	<i>L. innocua</i>	ST1008	1008	3
182	<i>L. innocua</i>	ST1085	1085*	1
184	<i>L. innocua</i>	ST1087	1087	1
237	<i>L. innocua</i>	ST1595	1595*	2
dapE				
1	<i>L. monocytogenes</i>	1 (I)	1 (4b, 4d, 4e)	1, 554, 651 522
3	<i>L. monocytogenes</i>	3 (I)	3 (1/2b, 3b)	3, 4, 5, 6, 217, 315, 345, 379, 392, 426, 489 815
4	<i>L. monocytogenes</i>	403 (II)	403* (1/2a, 3a)	9, 204, 307, 403 334
6	<i>L. monocytogenes</i>	14, 398 (II)	14*, 398 (1/2a, 3a)	11, 14, 19, 20, 193, 199, 398, 412 275
7	<i>L. monocytogenes</i>	7, 155 (II)	7, 155* (1/2a, 3a)	7, 155 429
8	<i>L. monocytogenes</i>	121 (II)	121* (1/2a, 3a)	90, 101, 121, 375 234
16	<i>L. monocytogenes</i>	59 (I)	59 (1/2b, 3b)	59, 218, 288 84
33	<i>L. innocua</i>	448, ST1482, ST1596, ST1600	448, 1482, 1596, 1600	133, 448, 532 24
35	<i>L. innocua</i>	140	637	140 11
35	<i>L. innocua</i>	ST605	605	
96	<i>L. monocytogenes, L. innocua</i>	ST529 (III), ST1597, ST1599	529 (4b, 4d, 4e), 1597*, 1599*	3
97	<i>L. innocua</i>	ST530, ST1598	530, 1598	537, 1086 18
108	<i>L. innocua</i>	600	603*	5
110	<i>L. innocua</i>	ST1087	1087	6
130	<i>L. innocua</i>	ST1595	1595*	731 4
167	<i>L. innocua</i>	ST43	43	1
208	<i>L. innocua</i>	ST1008	1008	3
223	<i>L. innocua</i>	ST1085, ST1601	1085*, 1601*	2
dat				
1	<i>L. monocytogenes</i>	398 (II)	398 (1/2a, 3a)	11, 19, 398, 412 526
2	<i>L. monocytogenes</i>	3 (I)	3 (1/2b, 3b)	2, 3, 4, 54, 240, 284, 388, 389, 426 839
3	<i>L. monocytogenes</i>	1, 59 (I)	1, 59 (4b, 4d, 4e)	1, 5, 6, 59, 77, 87, 88, 195, 217, 344, 345, 379, 392, 489, 506, 517, 651, 1000 921

5	<i>L. monocytogenes</i>	14, 155, 403 (II)	14*, 155*, 403* (1/2a, 3a)	8, 14, 20, 21, 89, 155, 204, 403, 739	516
6	<i>L. monocytogenes</i>	7, 121 (II)	7, 121* (1/2a, 3a)	7, 26, 90, 121, 124, 177, 321, 380, 475, 573, 906, 1211	622
20	<i>L. innocua</i>	ST1598	1598	132, 307, 537	22
23	<i>L. innocua</i>	140	637	140	10
45	<i>L. monocytogenes, L. innocua</i>	ST529 (III), 448, ST530, ST605, ST1087, ST1482	529 (4b, 4d, 4e), 448, 530, 605, 1087, 1482	448, 532, 731, 1086	32
48	<i>L. innocua</i>	ST1596	1596	492	4
55	<i>L. innocua</i>	ST43, ST1595, ST1599, ST1600	43, 1595*, 1599*, 1600	133	1
65	<i>L. innocua</i>	600	603*	600	5
136	<i>L. innocua</i>	ST1008, ST1085, ST1601	1008, 1085*, 1601*		5
195	<i>L. innocua</i>	ST1597	1597*		2

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1	<i>L. monocytogenes</i>	1, 3, 59 (I)	1 (4b, 4d, 4e), 3, 59 (1/2b, 3b)	1, 2, 3, 5, 6, 54, 59, 77, 87, 88, 155, 195, 218, 220, 240, 288, 363, 373, 379, 388, 389, 426, 489, 651, 688, 1000	1492
2	<i>L. monocytogenes</i>	14, 155 (II)	14*, 155* (1/2a, 3a)	7, 8, 11, 14, 26, 89, 90, 155, 207, 307, 412, 912	495
7	<i>L. monocytogenes</i>	398 (II)	398 (1/2a, 3a)	321, 398, 573	88
19	<i>L. innocua</i>	ST1482, ST1595, ST1597	1482, 1595*, 1597*	532	6
24	<i>L. monocytogenes</i>	403 (II)	403* (1/2a, 3a)	19, 403	24
37	<i>L. monocytogenes</i>	121 (II)	121* (1/2a, 3a)	121	162
69	<i>L. innocua</i>	ST605	605	133	12
170	<i>L. innocua</i>	448	448	448	2
180	<i>L. innocua</i>	ST1599	1599*		2
192	<i>L. innocua</i>	140	637	140	7
211	<i>L. monocytogenes</i>	ST529 (III)	529 (4b, 4d, 4e)		1
213	<i>L. innocua</i>	ST1596	1596	140	
214	<i>L. innocua</i>	ST530	530		1
243	<i>L. innocua</i>	600	603*	600	4
307	<i>L. innocua</i>	ST43	43		1

341	<i>L. innocua</i>	ST1008, ST1601	1008, 1601*	4
353	<i>L. innocua</i>	ST1085	1085*	1
356	<i>L. innocua</i>	ST1087, ST1598, ST1600	1087, 1598, 1600	3
404	<i>L. monocytogenes</i>	7 (II)	7 (1/2a, 3a)	1211
lhkA				
1	<i>L. monocytogenes</i>	7, 14, 121, 155, 403, 398 (II)	7*, 14*, 121*, 155*, 403*, 398 (1/2a, 3a)	7, 8, 9, 11, 14, 18, 19, 20, 21, 26, 29, 31, 33, 89, 121, 124, 155, 177, 193, 199, 204, 207, 229, 262, 307, 380, 398, 403, 412, 451, 475, 570, 573, 645, 906, 912, 940, 1211, 1364
3	<i>L. monocytogenes</i>	1 (I)	1 (4b, 4d, 4e)	1, 54, 217, 240, 373
5	<i>L. monocytogenes</i>	3 (I)	3 (1/2b, 3b)	2, 6, 284, 379, 389, 554
7	<i>L. monocytogenes</i>	59 (I)	59 (1/2b, 3b)	5, 59
16	<i>L. innocua</i>	ST43, 140, ST1087, ST1595, ST1597, ST1599	43, 637, 1087, 1595*, 1597*, 1599*	132, 140
17	<i>L. innocua</i>	ST605, ST1600	605, 1600	133, 532
53	<i>L. innocua</i>	448, ST530, ST1482	448, 530, 1482	448
58	<i>L. innocua</i>	ST1598	1598	
67	<i>L. monocytogenes</i>	ST529 (III)	529 (4b, 4d, 4e)	
81	<i>L. innocua</i>	600	603*	600
138	<i>L. innocua</i>	ST1008	1008	
148	<i>L. innocua</i>	ST1085	108	
214	<i>L. innocua</i>	ST1601	1601*	
216	<i>L. innocua</i>	ST1596	1596	

**Listeria monocytogenes* and *Listeria innocua* genotypes identified as persistent in cheese producing facilities A-E. Red marked housekeeping genes are present in *L. monocytogenes* genetic lineage III and *L. innocua*. Abbreviations: CC, clonal complex.