Supplementary data, Table S1, S2, and S3

Table S1. Primers used for mPCR to determine the presence of *Listeria* genus, and serogroup *L. monocytogenes in* the study (Doumith et al., 2004)

PCR assay	Target Gene	Product Size (bp)	Primer Sequences (5′-3’)
mPCR1	*ORF2110*	597	*ORF2110*-F: *AGTGGACAATTGATTGGTGAA*
			ORF2110-R: *CATCCATCCCTTACTTTGGAC*
	ORF2819	471	*ORF2819*-F: *AGCAAAATGCCAAAACTCGT*
			ORF2819-R: *CATCACTAAAGCCTCCCATTG*
	Imo1118	691	*lmo1118*-F: *AGGGGTCTTAAATCCTGGAA*
			Imo1118-R: *CGGCTTGTTCGGCATACTTA*
	Imo0737	906	*lmo0737*-F: *AGGGCTTCAAGGACTTACCC*
			lmo0737-R: *ACGATTTCTGCTTGCCATTC*
	Prs	370	*prs*- F: GCTGAAGAGATTGCGAAAGAAG
			prs-R: CAAAGAAACCTTGGATTTGCGG

Table S2. Primers used for mPCR speciation in this study (Ryu et al., 2013)

Species	Gene	Primer	Sequences (5^{i}-3^{i})	PCR Product Size (bp)
Listeria genus	*Prs*	*prs-F*	GCTGAAGAGATTGCGAAAGAAG	
		prs-R	CAAAGAAACCTTGGATTTGCGG	370
L. grayi	*Oxidoreductase*	*JOgrayi-F*	GCGGATAAAGGTGTTCGGGTCAA	
		JOgrayi-R	ATTTGCTATCGTCCGAGGCTAGG	201
L. innocua	*lin0464*	*lin0464-F*	CGCATTTATCGCCAAAACTC	749
		lin0464-R	TCGTGACATAGACGCGATTG	
L. ivanovii	*namA*	*liv22-228-F*	CGAATTCCTTATTCACTTGAGC	
		liv22-228-R	GGTGCTGCGAACTTAACTCA	463
L. monocytogenes	*lmo1030*	*lmo1030-F*	GCTTGTATTCACTTGGATTTGTCTGG	
		lmo1030-R	ACCATCCGCATATCTCAGCCAACT	509
L. seeligeri	*lmo033*	*lseelin-F*	GTACCTGCTGGGAGTACATA	
		lseelin-R	CTGTCTCCATATCCGTACAG	673
L. welshimeri	*scrA*	*lwe1801-F*	CGTGGCACAATAGCAATCTG	
		lwe1801-R	GACATGCCTGCTGAACTAGA	281

Table S3. Primer sequences, PCR preparation, and PCR condition used for virulence gene detection in this study

PCR assay	Target Gene	Product Size (bp)	Primer Sequences (5' 3')	PCR Preparation	PCR Condition	References
mPCR1	*inlB*	376	*inlB*-F: *GATATTGTGCCACTTTCAGGTT*	12.5 μL 2× *DreamTaq* master mix,	2 min at 94°C,	Liu et al. (2007)
			inlB-R: CCTCTTTCAGTGGTTGGGTT	5 μL nuclease-free water,	35 cycles of 94°C for 30 s,	
	plcA	1484	*plcA*-F: CTGCTTGAGCGTTCATGTCTCATCC*C*	5 μL template DNA,	55°C for 30 s,	
			plcA-R: ATGGGTTTCACTCTCCTTCTAC	3 μL primer mix for mPCR2	72°C for 1 min and	
	hlyA	456	*hly*A-F: GTTAATGAACCTACAAGACCTTCC		a final extension at 72°C for 10 min.	
			*hly*A-R: ACCGTTCTCCACCATTCCCA			
	actA	839	*actA*-F: TCGCCGCGGAAATTAAAAAAAGA			
			actA-R: ACGAAGGAACCGGGCTGCTAG			
	Iap	131	*iap*-F: ACAAGCTGCACCTGTTGCAG			
			iap-R: TGACAGCGTGTGTAGTAGCA			
mPCR2	*inlA*	800	*inlA*-F: *ACGAGTAACGGGACAAATGC*			Liu et al. (2007)
			inlA-R: CCCGACAGTGGTGCTAGATT			
	inlC	517	*inlC*-F: AATTCCCACAGGACACAACC			
			i*nlC-R:*CGGGAATGCAATTTTTCACTA			
	inlJ	238	*inlJ*-F: TGTAACCCCGCTTACACACAGTT			
			inlJ-R: AGCGGCTTGGCAGTCTAATA			