

Table S2: Strain-specific genes in *L. monocytogenes* strain DPC6895 when compared to strain FSL J2-064.

Start	End	Contig	F/R	Length (AA)	Locus Tag	Function
77994	78378	1	F	144	<i>TZ05_0076</i>	Hypothetical Protein
78796	79512	1	F	238	<i>TZ05_0077</i>	Hypothetical Protein
79513	79836	1	F	107	<i>TZ05_0078</i>	Hypothetical Protein
80003	80296	1	F	97	<i>TZ05_0079</i>	Hypothetical Protein
80433	81155	1	F	240	<i>TZ05_0080</i>	Membrane Protein
81395	81577	1	F	60	<i>TZ05_0081</i>	Hypothetical Protein
82262	82546	1	F	94	<i>TZ05_0082</i>	Hypothetical Protein
82555	82983	1	F	142	<i>TZ05_0083</i>	Hypothetical Protein
88623	89021	1	F	132	<i>TZ05_0089</i>	Hypothetical Protein
89197	89799	1	F	200	<i>TZ05_0090</i>	Hypothetical Protein
165210	165809	2	F	199	<i>TZ05_0385</i>	Hypothetical Protein
165806	167164	2	F	452	<i>TZ05_0386</i>	Retron-type RNA-directed DNA polymerase
167207	167323	2	F	38	<i>TZ05_0387</i>	Hypothetical Protein
198138	196027	2	R	703	<i>TZ05_0420c</i>	Lead/cadmium/zinc and mercury transporting ATPase
198499	198131	2	R	122	<i>TZ05_0421c</i>	Cadmium efflux system accessory protein / ArsR family transcriptional regulator
199129	198536	2	R	197	<i>TZ05_0422c</i>	SAM-dependent methyltransferase
199636	200190	2	F	187	<i>TZ05_0423</i>	Resolvase / integrase Bin
200204	201658	2	F	484	<i>TZ05_0424</i>	Tn552 transposase
201651	202463	2	F	270	<i>TZ05_0425</i>	ATP-binding protein p271
240321	239773	2	R	182	<i>TZ05_0461c</i>	Stress Survival Islet gene F2365 homolog
2002	2184	3	F	60	<i>TZ05_0475</i>	Hypothetical Protein
2306	3133	3	F	275	<i>TZ05_0476</i>	Hypothetical Protein
3161	3520	3	F	119	<i>TZ05_0477</i>	Putative Secreted Protein
10368	10745	3	F	125	<i>TZ05_0486</i>	Hypothetical Protein
42503	43325	3	F	240	<i>TZ05_0520</i>	CRISPR repeat RNA endoribonuclease Cas6

Start	End	Contig	F/R	Length (AA)	Locus Tag	Function
43241	44929	3	F	562	<i>TZ05_0521</i>	CRISPR-associated protein Cst1
44919	45788	3	F	289	<i>TZ05_0522</i>	CRISPR-associated negative autoregulator
45766	46548	3	F	260	<i>TZ05_0523</i>	CRISPR-associated protein Cas5
46616	48805	3	F	729	<i>TZ05_0524</i>	CRISPR-associated helicase Cas3
48861	49103	3	F	80	<i>TZ05_0525</i>	CRISPR-associated protein Cas1 maturase
49066	49386	3	F	106	<i>TZ05_0526</i>	CRISPR-associated protein Cas2
282358	282810	4	F	150	<i>TZ05_0816</i>	Transcriptional regulator, MarR family
282826	283332	4	F	168	<i>TZ05_0817</i>	GNAT family acetyltransferase
565862	566539	4	F	225	<i>TZ05_1097</i>	Hypothetical Protein
566524	567237	4	F	237	<i>TZ05_1098</i>	Hypothetical Protein
567350	568159	4	F	269	<i>TZ05_1099</i>	Hypothetical Protein
569250	569618	4	F	122	<i>TZ05_1103</i>	Hypothetical Protein
1055357	1054485	4	R	290	<i>TZ05_1587c</i>	Hypothetical Protein
10191	8575	5	R	538	<i>TZ05_1682c</i>	Site-specific recombinase
10425	10249	5	R	58	<i>TZ05_1683c</i>	Hypothetical Protein
10891	10631	5	R	86	<i>TZ05_1684c</i>	Hypothetical Protein
11434	11171	5	R	87	<i>TZ05_1685c</i>	Hypothetical Protein
11539	11754	5	F	71	<i>TZ05_1686</i>	Transcriptional Regulator
11958	13352	5	F	464	<i>TZ05_1687</i>	RLX protein
14263	13655	5	R	202	<i>TZ05_1688c</i>	Hypothetical Protein
15725	14265	5	R	486	<i>TZ05_1689c</i>	Hypothetical Protein
39316	38255	5	R	353	<i>TZ05_1716c</i>	Hypothetical Protein
3426	4115	7	F	229	<i>TZ05_2017</i>	Methyltransferase
4112	5680	7	F	522	<i>TZ05_2018</i>	Dipeptide-binding ABC transporter, periplasmic substrate-binding component
5682	6620	7	F	312	<i>TZ05_2019</i>	Dipeptide transport system permease protein DppB
6617	7399	7	F	260	<i>TZ05_2020</i>	Dipeptide transport system permease protein DppC
7392	8099	7	F	235	<i>TZ05_2021</i>	ABC-type nickel / oligopeptides specific transport system, ATPase component
8092	8763	7	F	223	<i>TZ05_2022</i>	NAD ⁺ synthetase

Start	End	Contig	F/R	Length (AA)	Locus Tag	Function
9794	9444	7	R	116	<i>TZ05_2023c</i>	Hypothetical Protein
10897	10076	7	R	273	<i>TZ05_2024c</i>	Hypothetical Protein
11150	11019	7	R	43	<i>TZ05_2025c</i>	Hypothetical Protein
12658	11333	7	R	441	<i>TZ05_2026c</i>	Internalin-like protein
13007	14509	7	F	500	<i>TZ05_2027</i>	Hypothetical Protein
15691	14891	7	R	266	<i>TZ05_2028c</i>	Hypothetical Protein
272943	273152	7	F	69	<i>TZ05_2275</i>	Hypothetical Protein
273254	273658	7	F	134	<i>TZ05_2276</i>	Hypothetical Protein
273660	274088	7	F	142	<i>TZ05_2277</i>	Hypothetical Protein
274857	275645	7	F	262	<i>TZ05_2279</i>	Phage Protein
276812	276531	7	R	93	<i>TZ05_2281c</i>	Phage Holin
277190	276825	7	R	121	<i>TZ05_2282c</i>	Hypothetical Protein
280972	279404	7	R	522	<i>TZ05_2284c</i>	Phage-related protein
285768	280969	7	R	1599	<i>TZ05_2285c</i>	Phage Tail Tape Measure Protein
285949	285773	7	R	58	<i>TZ05_2286c</i>	Hypothetical Protein
286512	286081	7	R	143	<i>TZ05_2287c</i>	Hypothetical Protein
287254	286568	7	R	228	<i>TZ05_2288c</i>	Hypothetical Protein
287630	287259	7	R	123	<i>TZ05_2289c</i>	Hypothetical Protein
287944	287627	7	R	105	<i>TZ05_2290c</i>	Hypothetical Protein
288299	287934	7	R	121	<i>TZ05_2291c</i>	Hypothetical Protein
288652	288299	7	R	117	<i>TZ05_2292c</i>	Hypothetical Protein
288820	288653	7	R	55	<i>TZ05_2293c</i>	Phage Protein
289706	288834	7	R	290	<i>TZ05_2294c</i>	Hypothetical Protein
290283	289729	7	R	184	<i>TZ05_2295c</i>	Phage Capsid / Scaffold Protein
291422	290379	7	R	347	<i>TZ05_2296c</i>	Hypothetical Protein
292983	291427	7	R	518	<i>TZ05_2297c</i>	Hypothetical Protein
294158	292998	7	R	386	<i>TZ05_2298c</i>	Phage Terminase
295041	294256	7	R	261	<i>TZ05_2299c</i>	Phage Terminase Small subunit

Start	End	Contig	F/R	Length (AA)	Locus Tag	Function
295308	295081	7	R	75	<i>TZ05_2300c</i>	Hypothetical Protein
296021	295389	7	R	210	<i>TZ05_2301c</i>	Phage Protein
296008	296157	7	R	49	<i>TZ05_2302c</i>	Phage Protein
296637	296203	7	R	144	<i>TZ05_2303c</i>	Hypothetical Protein
296789	296664	7	R	41	<i>TZ05_2304c</i>	Phage Protein
297186	296782	7	R	134	<i>TZ05_2305c</i>	endodeoxyribonuclease
297292	297152	7	R	46	<i>TZ05_2306c</i>	Hypothetical Protein
297594	297289	7	R	101	<i>TZ05_2307c</i>	Phage Protein
298506	298105	7	R	133	<i>TZ05_2309c</i>	Hypothetical Protein
298862	298503	7	R	119	<i>TZ05_2310c</i>	Hypothetical Protein
299114	298884	7	R	76	<i>TZ05_2311c</i>	RNA-binding protein
299238	299080	7	R	52	<i>TZ05_2312c</i>	Hypothetical Protein
299780	299250	7	R	176	<i>TZ05_2313c</i>	Sugar-phosphate nucleotidyltransferase
300064	299777	7	R	95	<i>TZ05_2314c</i>	Hypothetical Protein
301044	300061	7	R	327	<i>TZ05_2315c</i>	Hypothetical Protein
301720	301061	7	R	219	<i>TZ05_2316c</i>	Putative recombination protein / Single-stranded DNA-binding protein
302393	302199	7	R	64	<i>TZ05_2318c</i>	Hypothetical Protein
302617	302489	7	R	42	<i>TZ05_2319c</i>	Phage Protein
302887	302699	7	R	62	<i>TZ05_2320c</i>	Hypothetical Protein
303211	302996	7	R	71	<i>TZ05_2321c</i>	Phage Protein
303741	303208	7	R	177	<i>TZ05_2322c</i>	Phage Protein
304641	303865	7	R	258	<i>TZ05_2323c</i>	Phage antirepressor protein / Antirepressor
304705	304902	7	F	65	<i>TZ05_2324</i>	Adenylate kinase
305185	304904	7	R	93	<i>TZ05_2325c</i>	Hypothetical Protein
305418	305182	7	R	78	<i>TZ05_2326c</i>	Hypothetical Protein
305483	305842	7	F	119	<i>TZ05_2327</i>	Hypothetical Protein
305995	305801	7	R	64	<i>TZ05_2328c</i>	Hypothetical Protein
306250	305999	7	R	83	<i>TZ05_2329c</i>	DNA-binding protein

Start	End	Contig	F/R	Length (AA)	Locus Tag	Function
306413	306718	7	F	101	<i>TZ05_2330</i>	XRE family transcriptional regulator
306749	307240	7	F	163	<i>TZ05_2331</i>	Hypothetical Protein
307267	307974	7	F	235	<i>TZ05_2332</i>	Hypothetical Protein
308033	308467	7	F	144	<i>TZ05_2333</i>	Hypothetical Protein
308672	310186	7	F	504	<i>TZ05_2334</i>	ATP-dependent DNA helicase RecG
310247	311605	7	F	452	<i>TZ05_2335</i>	Integrase
39996	38089	8	R	635	<i>TZ05_2412c</i>	Hypothetical Protein
41923	40007	8	R	638	<i>TZ05_2413c</i>	Hypothetical Protein
47631	47149	9	R	160	<i>TZ05_2660c</i>	Hypothetical Protein
48272	47628	9	R	214	<i>TZ05_2661c</i>	ABC transporter, ATP-binding protein
49033	48284	9	R	249	<i>TZ05_2662c</i>	Membrane Protein
49733	49035	9	R	232	<i>TZ05_2663c</i>	Membrane Protein
50505	49720	9	R	261	<i>TZ05_2664c</i>	Conserved membrane-spanning protein
50978	50571	9	R	135	<i>TZ05_2665c</i>	Hypothetical Protein