

Table S1. Genomic details of *Listeria* strains used in the present study.

Sample_accession	species	Organism	Accession_number	Genome_size(bp)	GC content(%)	# of scaffold	# of plasmid	CDS	rRNA	tRNA	geographic_location	collection_date	isolation_source	host
SAMAE3138260	Lweshimeri	Lweshimeri_serovar_6b_str_SLCC5334_386043	AM263198.1	2,814,130	36.35	1	0	2,781	18	66	NA	NA	NA	NA
SAMAE4534872	Lweshimeri	Lweshimeri_1643	LT906444.1	2,814,137	36.35	1	0	2,778	18	66	USA	1900	Decaying vegetation	Food
SAMAE2275815	Lseeligeri	Lseeligeri_serovar_1_2b_str_SLCC2854_683837	FN537480.1	2,797,636	37.38	1	0	2,688	18	67	NA	NA	NA	NA
SAMN01909079	Lseeligeri	Lseeligeri_FSL_54_171_702452	CM001055.1	2,979,339	35.17	1	0	2,523	17	24	USA	2001	urban Environment	Environment
SAMN01909078	Lseeligeri	Lseeligeri_FSL_N1_067_702453	CM001051.1	3,140,155	35.48	1	0	2,779	2	25	USA	NA	Food processing plant	Environment
SAMN16409656	Lseeligeri	Lseeligeri_1640_str1	P063071.1	2,927,941	37.32	1	1	2,846	18	67	Poland	2017	soil sample from dry pine forest	Environment
SAMN10662805	Lseeligeri	Lseeligeri_1640	P034772.1	2,872,774	37.3	1	0	2,834	8	63	NA	2018	NA	NA
SAMN02743817	Lmonocytogenes	Lmonocytogenes_WSLC1042_1457188	CP007210.1	2,942,168	37.99	1	0	2,857	18	67	Germany	NA	NA	NA
SAMN02743815	Lmonocytogenes	Lmonocytogenes_WSLC11001_1457187	CP007160.1	2,951,235	37.96	1	0	2,912	18	67	Germany	NA	NA	NA
SAMAE2272571	Lmonocytogenes	Lmonocytogenes_SLCC179_879090	FR733650.1	2,882,234	38.04	1	1	2,818	18	68	NA	NA	NA	NA
SAMAE2272672	Lmonocytogenes	Lmonocytogenes_SLCC5850_882096	FR733647.1	2,907,142	38.01	1	0	2,852	18	67	NA	NA	NA	NA
SAMAE2271969	Lmonocytogenes	Lmonocytogenes_SLCC2755_932919	FR733646.1	3,023,926	38.04	1	1	2,916	18	67	NA	NA	NA	NA
SAMAE2272785	Lmonocytogenes	Lmonocytogenes_SLCC2540_879089	FR733645.1	2,976,958	37.93	1	0	2,879	18	67	NA	NA	NA	NA
SAMAE2272506	Lmonocytogenes	Lmonocytogenes_SLCC2479_882020	FR733649.1	2,972,172	37.95	1	0	2,924	18	65	NA	NA	NA	NA
SAMAE2272689	Lmonocytogenes	Lmonocytogenes_SLCC2378_879088	FR733644.1	2,941,360	37.99	1	0	2,845	18	67	NA	NA	NA	NA
SAMAE2272177	Lmonocytogenes	Lmonocytogenes_SLCC2376_882097	FR733651.1	2,840,185	38.26	1	0	2,733	18	67	NA	NA	NA	NA
SAMAE2272627	Lmonocytogenes	Lmonocytogenes_SLCC2372_932920	FR733648.1	3,022,910	37.91	1	1	2,980	18	67	NA	NA	NA	NA
SAMAE2272544	Lmonocytogenes	Lmonocytogenes_serotype_4b_str_IL195_1230340	HF558398.1	2,904,662	38.04	1	0	2,808	18	67	NA	NA	NA	NA
SAMN01816209	Lmonocytogenes	Lmonocytogenes_serotype_4b_str_US0087_1134669	P044429.1	2,843,285	37.95	1	0	2,804	15	66	USA	2011	Environment swab	Environment
SAMN02603980	Lmonocytogenes	Lmonocytogenes_serotype_4b_str_F2365_265669	AE017262.2	2,905,187	38.04	1	0	2,808	18	67	NA	NA	NA	NA
SAMAE2272134	Lmonocytogenes	Lmonocytogenes_serotype_4b_str_CLIP_80459_568819	FM242711.1	2,912,690	38.06	1	0	2,802	18	67	NA	NA	NA	NA
SAMN07711116	Lmonocytogenes	Lmonocytogenes_serotype_4b_str_81_0861_1196161	CP004871.1	2,974,403	37.96	1	0	2,912	15	58	Canada	1981	Food	Food
SAMN07713778	Lmonocytogenes	Lmonocytogenes_serotype_4b_str_81_0592_1196160	CP007526.1	2,975,864	37.96	1	0	2,905	15	58	Canada	1981	fetal blood	Homo sapiens
SAMN07713777	Lmonocytogenes	Lmonocytogenes_serotype_4b_str_81_0558_1196159	CP007525.1	2,971,543	37.96	1	0	2,901	15	58	Canada	1981	CSF	Homo sapiens
SAMN07714730	Lmonocytogenes	Lmonocytogenes_serotype_4b_str_10_0809_1196162	CP007167.1	2,975,853	37.96	1	0	2,906	15	58	Canada	1981	stool	Homo sapiens
SAMN07714742	Lmonocytogenes	Lmonocytogenes_serotype_4b_str_02_6680_1196175	CP007462.1	2,908,004	38	1	0	2,813	15	58	Canada	2002	cheese	Environment
SAMN02944848	Lmonocytogenes	Lmonocytogenes_serotype_4b_str_02_6679_1196174	CP008821.1	2,908,004	38	1	0	2,813	15	58	Canada	2002	stool	Homo sapiens
SAMN07714741	Lmonocytogenes	Lmonocytogenes_serotype_4b_str_02_1792_1196173	CP007461.1	2,979,105	37.95	1	0	2,908	15	58	Canada	2002	cheese	Environment
SAMN07714740	Lmonocytogenes	Lmonocytogenes_serotype_4b_str_02_1289_1196172	CP007460.1	2,979,105	37.95	1	0	2,910	15	58	Canada	2002	stool	Homo sapiens
SAMN07714739	Lmonocytogenes	Lmonocytogenes_serotype_4b_str_02_1103_1196171	CP007459.1	2,979,105	37.95	1	0	2,910	15	58	Canada	2002	CSF	Homo sapiens
SAMN07714755	Lmonocytogenes	Lmonocytogenes_serotype_3c_str_10_5027_1196195	CP007196.1	2,965,327	37.94	1	0	2,931	15	58	Canada	2009	food processing	Environment
SAMN07714754	Lmonocytogenes	Lmonocytogenes_serotype_1_2c_str_10_5026_1196194	CP007195.1	2,967,496	37.94	1	0	2,927	15	58	Canada	2009	food processing	Environment
SAMN07714753	Lmonocytogenes	Lmonocytogenes_serotype_1_2c_str_10_5025_1196193	CP007194.1	2,967,523	37.94	1	0	2,927	15	58	Canada	2009	bacon flakes	Environment
SAMN07714752	Lmonocytogenes	Lmonocytogenes_serotype_1_2b_str_10_0811_1196164	CP007193.1	3,017,344	37.96	1	0	2,968	15	58	Canada	1996	imitation crab	Environment
SAMN07714751	Lmonocytogenes	Lmonocytogenes_serotype_1_2b_str_10_0810_1196163	CP007192.1	3,017,344	37.96	1	0	2,968	15	58	Canada	1996	stool	Homo sapiens
SAMN07714745	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_99_6370_1196179	CP007021.1	3,032,209	37.96	1	0	3,006	15	58	Canada	1999	blood	Homo sapiens
SAMN07714744	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_98_2035_1196178	CP007020.1	3,032,209	37.96	1	0	3,006	15	58	Canada	1998	blood	Homo sapiens
SAMN07714743	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_95_0093_1196177	CP007019.1	3,000,273	37.96	1	0	2,960	15	58	Canada	1995	blood	Homo sapiens
SAMN07711118	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_88_0478_1196176	CP006862.1	2,994,351	37.97	1	0	2,957	15	58	Canada	1988	blood	Homo sapiens
SAMN02752309	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_10_5024_1196192	CP008827.1	2,999,326	37.97	1	0	2,959	15	58	Canada	2010	food	Food
SAMN07714736	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_10_4758_1196168	CP007198.1	2,910,921	37.98	1	0	2,853	15	58	Canada	2002	cheese	Environment
SAMN07714735	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_10_4754_1196167	CP007197.1	2,910,922	37.98	1	0	2,852	15	58	Canada	2002	CSF	Homo sapiens
SAMN07714752	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_10_1321_1196191	CP007018.1	2,999,326	37.97	1	0	2,959	15	58	Canada	2010	blood	Homo sapiens
SAMN07711119	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_10_1047_1196190	CP006861.1	2,998,206	37.97	1	0	2,956	15	58	Canada	2010	CSF	Homo sapiens
SAMN07714751	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_10_1046_1196189	CP007017.1	2,998,206	37.97	1	0	2,956	15	58	Canada	2010	blood	Homo sapiens
SAMN07714738	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_10_0934_1196170	CP007016.1	2,870,277	38.02	1	0	2,785	15	58	Canada	2008	cheese	Environment
SAMN07714737	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_10_0933_1196169	CP007199.1	2,870,277	38.02	1	0	2,785	15	58	Canada	2008	blood	Homo sapiens
SAMN05771120	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_10_0815_1196188	CP006860.1	3,032,624	37.96	1	0	3,005	15	58	Canada	2008	meat	Meat
SAMN02873948	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_10_0814_1196187	CP008836.1	2,999,305	37.97	1	0	2,960	15	58	Canada	2010	meat	Meat
SAMN07714734	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_10_0813_1196166	CP007171.1	2,942,234	37.96	1	0	2,895	15	58	Canada	2000	blood	Homo sapiens
SAMN07714733	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_10_0812_1196165	CP007170.1	2,942,234	37.96	1	0	2,895	15	58	Canada	2000	Whipping cream	Environment
SAMN07714750	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_08_7669_1196186	CP007011.1	2,954,577	38.01	1	0	2,893	15	58	Canada	2008	blood	Homo sapiens
SAMN07714749	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_08_7374_1196185	CP007010.1	2,999,326	37.97	1	0	2,959	15	58	Canada	2008	meat	Environment
SAMN05771121	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_08_6997_1196184	CP006859.1	3,032,624	37.96	1	0	3,005	15	58	Canada	2008	blood	Homo sapiens
SAMN05771122	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_08_6569_1196183	CP006858.1	3,032,624	37.96	1	0	3,005	15	58	Canada	2008	food processing	Environment
SAMN07714748	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_08_6056_1196182	CP007009.1	3,032,624	37.96	1	0	3,005	15	58	Canada	2008	turkey meat	Environment
SAMN07714747	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_04_5457_1196181	CP007008.1	2,999,326	37.97	1	0	2,959	15	58	Canada	2004	blood	Homo sapiens
SAMN07714746	Lmonocytogenes	Lmonocytogenes_serotype_1_2a_str_02_5993_1196180	CP007007.1	2,999,326	37.97	1	0	2,960	15	58	Canada	2002	blood	Homo sapiens
SAMAE3138991	Lmonocytogenes	Lmonocytogenes_R479a_1437838	HG813247.1	3,031,650	37.91	1	1	2,984	15	58	NA	NA	NA	NA
SAMAE2271966	Lmonocytogenes	Lmonocytogenes_N53_1_1234142	HE999705.1	2,776,847	38.1	1	0	3,323	18	67	NA	NA	NA	NA
SAMN02604342	Lmonocytogenes	Lmonocytogenes_M7_1030009	CP002816.1	2,976,163	38.19	1	0	2,959	18	67	NA	NA	NA	NA
SAMAE16205177	Lmonocytogenes	Lmonocytogenes_L028_393132	CP006184.1	2,975,254	37.96	1	0	2,933	18	67	Netherlands	2004	feces of a pregnant carrier	Homo sapiens
SAMAE2272406	Lmonocytogenes	Lmonocytogenes_199_563174	FM211688.1	2,979,198	38.19	1	0	2,954	18	67	NA	NA	NA	NA
SAMAE2272305	Lmonocytogenes	Lmonocytogenes_1312_882094	FR733642.2	2,973,642	38.06	1	0	2,902	18	67	NA	NA	NA	NA
SAMN01813900	Lmonocytogenes	Lmonocytogenes_1816_930781	CP006047.2	2,947,460	37.97	1	0	2,956	15	58	USA	NA	NA	NA
SAMN01816124	Lmonocytogenes	Lmonocytogenes_J1_220_930782	CP006046.4	3,032,269	37.94	1	0	2,977	18	67	USA	NA	NA	NA
SAMN00769971	Lmonocytogenes	Lmonocytogenes_J0161_393130	CP002001.1	3,000,464	37.86	1	0	2,947	15	59	NA	NA	NA	NA
SAMN02603154	Lmonocytogenes	Lmonocytogenes_HCC23_552536	CP001175.1	2,976,212	38.19	1	0	2,961	18	67	NA	NA	NA	NA
SAMN00133119	Lmonocytogenes	Lmonocytogenes_FSL_R2_561_393126	CP002003.1	2,973,801	37.96	1	0	2,939	18	67	NA	NA	NA	NA
SAMN0231353	Lmonocytogenes	Lmonocytogenes_FSL_J1_208_393119	CP002171.1	2,859,299	37.99	1	0	2,859	18	67	USA	1999	Goat	Goat
SAMN16231352	Lmonocytogenes	Lmonocytogenes_FSL_J1_175_393118	CP002129.1	2,957,228	38.01	1	0	2,860	18	67	NA	NA	water	Environment
SAMN0012880	Lmonocytogenes	Lmonocytogenes_Finland_1998_393127	CP002004.1	2,874,431	38.05	1	0	2,786	18	67	NA	NA	NA	NA
SAMN07763702	Lmonocytogenes	Lmonocytogenes_EGD_e_169963_str1	CP023861.1	2,944,523	37.98	1	0	2,877	18	67	United Kingdom	1924	rabbit tissue	Rabbit
SAMAE3138329	Lmonocytogenes	Lmonocytogenes_EGD_e_169963	AL591824.1	2,944,528	37.98	1	0	2,875	18	67	NA	NA	NA	NA
SAMAE3138952	Lmonocytogenes	Lmonocytogenes_EGD_134565	HG421741.1	2,907,193	38	1	0	2,848	18	67	NA	NA	NA	NA
SAMN01931119	Lmonocytogenes	Lmonocytogenes_GFSAN00349_129895	CP046751.1	2,946,138	37.97	1	0	2,846	19	63	Canada	2016	organic chow spinach	Food
SAMN0486631	Lmonocytogenes	Lmonocytogenes_ATCC_19117_882095_str1	CP013288.1	2,950,820	37.99	1	0	2,844	18	67	USA	1961	USA	Sheep
SAMAE2271997	Lmonocytogenes	Lmonocytogenes_ATCC_19117_882095												

SAMN14261987	L.monocytogenes	L.monocytogenes_1639_str179	CP076051.1	2,875,161	37.9	1	0	2,831	6	66	Norway	2007	Environment	Environment
SAMN25653832	L.monocytogenes	L.monocytogenes_1639_str178	CP092057.1	2,879,234	38.01	1	0	2,777	18	67	Canada	2018	Sunflower Microgreens	Food
SAMN14260727	L.monocytogenes	L.monocytogenes_1639_str177	CP075871.1	2,884,293	37.91	1	0	2,815	6	66	Norway	2007	Environment	Environment
SAMN16822871	L.monocytogenes	L.monocytogenes_1639_str176	CP065028.1	2,885,142	38.24	1	0	2,751	18	67	USA	2014	Environment	Sheep
SAMN17320315	L.monocytogenes	L.monocytogenes_1639_str175	CP068599.1	2,886,896	38.02	1	0	2,815	18	67	South Korea	2018	brain	Goat
SAMN25653833	L.monocytogenes	L.monocytogenes_1639_str174	CP092056.1	2,890,028	38.01	1	0	2,776	18	67	Canada	2018	Spring Pea Microgreens	Food
SAMN06681248	L.monocytogenes	L.monocytogenes_1639_str173	CP020774.1	2,892,474	38.05	1	0	2,794	18	67	Uruguay	2016	blood and lung culture	Homo sapiens
SAMN19669079	L.monocytogenes	L.monocytogenes_1639_str172	CP076644.1	2,893,649	38.2	1	0	2,799	18	67	USA	2014	liver	Cow
SAMN04452089	L.monocytogenes	L.monocytogenes_1639_str171	CP014790.1	2,952,246	38	1	1	2,873	18	67	Italy	2015	blood	Homo sapiens
SAMN09197734	L.monocytogenes	L.monocytogenes_1639_str170	CP029372.1	2,894,782	38.04	1	0	2,813	18	67	Italy	2018	blood	Homo sapiens
SAMN02839425	L.monocytogenes	L.monocytogenes_1639_str16	CP019167.1	3,115,752	37.95	1	1	3,079	18	67	Canada	2008	blood	NA
SAMN02713648	L.monocytogenes	L.monocytogenes_1639_str169	CP007687.1	2,896,586	38.05	1	0	2,817	18	67	USA	2011	human clinical isolate	Homo sapiens
SAMN13341946	L.monocytogenes	L.monocytogenes_1639_str168	CP046362.1	2,896,666	37.95	1	0	2,803	18	67	Switzerland	2015	septic hip prosthetic joint fluid	Homo sapiens
SAMN02713647	L.monocytogenes	L.monocytogenes_1639_str167	CP007689.1	2,897,190	38.02	1	0	2,815	18	67	USA	2010	Human clinical case	Homo sapiens
SAMN13341854	L.monocytogenes	L.monocytogenes_1639_str166	CP046361.1	2,897,260	37.96	1	0	2,804	18	67	Switzerland	2010	Hip prosthetic joint fluid	Homo sapiens
SAMN02347435	L.monocytogenes	L.monocytogenes_1639_str165	CP020832.1	2,897,335	38.05	1	0	2,820	18	67	USA	NA	NA	NA
SAMN10391004	L.monocytogenes	L.monocytogenes_1639_str164	CP036112.1	2,899,315	38.04	1	0	2,797	18	67	Switzerland	2007	brain	Cattle
SAMN03255437	L.monocytogenes	L.monocytogenes_1639_str163	CP030102.1	2,935,398	38	1	1	2,826	18	67	USA	2002	water	Environment
SAMEA104569033	L.monocytogenes	L.monocytogenes_1639_str162	LT985474.1	2,900,890	38.04	1	0	2,798	18	67	NA	NA	NA	NA
SAMN17320316	L.monocytogenes	L.monocytogenes_1639_str161	CP068600.1	2,901,393	38.04	1	0	2,798	18	67	South Korea	2018	NA	Bos taurus
SAMN19267648	L.monocytogenes	L.monocytogenes_1639_str160	CP076127.1	2,901,641	38.04	1	0	2,802	18	67	South Korea	2017	NA	Goat
SAMN02689388	L.monocytogenes	L.monocytogenes_1639_str15	CP011398.2	3,108,102	37.91	1	1	3,091	18	67	USA	2014	green chili	NA
SAMN03073546	L.monocytogenes	L.monocytogenes_1639_str159	CP010346.1	2,904,228	38.03	1	0	2,814	18	65	Italy	2009	cephalorachidian fluid	Food
SAMN03177401	L.monocytogenes	L.monocytogenes_1639_str158	CP009897.1	2,904,500	38.04	1	0	2,806	18	67	China	2011	NA	Sheep
SAMN02689320	L.monocytogenes	L.monocytogenes_1639_str157	CP007492.1	2,904,662	38.04	1	0	2,808	18	67	USA	2014	food	Food
SAMN09692985	L.monocytogenes	L.monocytogenes_1639_str156	CP041211.1	2,986,335	38.02	1	1	2,918	18	67	USA	2018	NA	NA
SAMN03483332	L.monocytogenes	L.monocytogenes_1639_str155	CP013723.1	2,905,347	38.06	1	0	2,844	18	67	Switzerland	2009	blood	Homo sapiens
SAMN04387840	L.monocytogenes	L.monocytogenes_1639_str154	CP013919.1	2,905,533	37.96	1	0	2,841	15	58	Italy	2008	blood	Homo sapiens
SAMN02769705	L.monocytogenes	L.monocytogenes_1639_str153	CP020830.1	2,905,307	38.05	1	0	2,839	18	67	USA	1988	blood	Homo sapiens
SAMN02318985	L.monocytogenes	L.monocytogenes_1639_str152	CP007602.2	2,906,670	38.03	1	0	2,813	18	67	USA	2013	cheese	Food
SAMN03255438	L.monocytogenes	L.monocytogenes_1639_str151	CP026043.1	2,906,671	38.03	1	0	2,813	18	67	USA	2013	cheese	Environment
SAMN02713641	L.monocytogenes	L.monocytogenes_1639_str150	CP007684.1	2,907,486	38	1	0	2,831	18	67	USA	2011	human host	Homo sapiens
SAMN03007779	L.monocytogenes	L.monocytogenes_1639_str14	CP014252.2	3,105,523	38.02	1	1	3,037	18	67	USA	2014	fire pearl white nectarine	NA
SAMEA10450418	L.monocytogenes	L.monocytogenes_1639_str149	LR134397.1	2,908,229	38.01	1	0	2,849	18	67	United Kingdom	1924	Mesenteric lymph gland	Pig
SAMN10745353	L.monocytogenes	L.monocytogenes_1639_str148	CP035187.1	2,908,718	38.03	1	0	2,823	18	67	Switzerland	2016	blood	Homo sapiens
SAMN15862383	L.monocytogenes	L.monocytogenes_1639_str147	CP060526.1	2,999,149	38.01	1	1	2,912	18	67	USA	2008	NA	NA
SAMN25653828	L.monocytogenes	L.monocytogenes_1639_str146	CP092061.1	2,910,079	37.98	1	0	2,797	18	67	Canada	2014	Bean Sprouts	Food
SAMN08939842	L.monocytogenes	L.monocytogenes_1639_str145	CP029175.1	2,911,466	37.98	1	0	2,811	18	67	South Korea	2012	blood	Homo sapiens
SAMN03372623	L.monocytogenes	L.monocytogenes_1639_str144	CP011004.1	2,911,639	38.06	1	0	2,805	18	67	Switzerland	2014	blood	Homo sapiens
SAMN02351401	L.monocytogenes	L.monocytogenes_1639_str143	CP020831.1	2,912,199	38	1	0	2,812	18	67	USA	2013	blood	NA
SAMN19267651	L.monocytogenes	L.monocytogenes_1639_str142	CP076626.1	2,912,248	38.06	1	0	2,806	18	67	South Korea	2019	tissue	Goat
SAMN17036357	L.monocytogenes	L.monocytogenes_1639_str141	CP067362.1	2,913,085	38.01	1	0	2,799	18	67	South Korea	2016	NA	Goat
SAMEA104314690	L.monocytogenes	L.monocytogenes_1639_str140	LT985475.1	2,913,696	38.06	1	0	2,806	18	67	NA	NA	NA	Goat
SAMN02689388	L.monocytogenes	L.monocytogenes_1639_str13	CP045749.1	3,094,088	37.93	1	1	3,065	18	67	USA	2014	green chili	Food
SAMN06297510	L.monocytogenes	L.monocytogenes_1639_str139	CP019616.1	2,913,947	37.99	1	0	2,823	16	59	Canada	2009	Baby spinach	Food
SAMN19267647	L.monocytogenes	L.monocytogenes_1639_str138	CP076126.1	2,915,057	38.07	1	0	2,806	18	67	South Korea	2016	tissue	Goat
SAMN10148429	L.monocytogenes	L.monocytogenes_1639_str137	CP032672.1	2,915,525	38.07	1	0	2,806	18	67	USA	2014	cervico-vaginal swab	Cattle
SAMN02569973	L.monocytogenes	L.monocytogenes_1639_str136	CP011397.1	2,918,170	38	1	0	2,857	18	67	NA	NA	NA	NA
SAMN02997429	L.monocytogenes	L.monocytogenes_1639_str135	CP009242.1	2,918,502	38.15	1	0	2,861	20	72	Australia	1985	NA	Ovis aries
SAMN06297525	L.monocytogenes	L.monocytogenes_1639_str134	CP019620.1	2,922,011	37.99	1	0	2,835	17	66	NA	2006	Environment swab	Environment
SAMN03483333	L.monocytogenes	L.monocytogenes_1639_str133	CP013722.1	2,927,751	38	1	0	2,841	18	67	Switzerland	2009	blood	Homo sapiens
SAMN19696832	L.monocytogenes	L.monocytogenes_1639_str132	CP076691.1	2,983,560	38.04	1	0	2,860	18	67	USA	2014	liver	Horse
SAMN06297605	L.monocytogenes	L.monocytogenes_1639_str131	CP019625.1	2,929,632	38.01	1	0	2,872	17	67	NA	2002	Environment sponge	Environment
SAMN13191635	L.monocytogenes	L.monocytogenes_1639_str130	CP045972.1	2,989,366	37.93	1	1	2,927	18	67	Australia	2009	NA	Homo sapiens
SAMN07718437	L.monocytogenes	L.monocytogenes_1639_str12	CP023752.1	3,116,331	37.99	1	1	3,085	18	67	Finland	1995	food product	Environment
SAMN02713668	L.monocytogenes	L.monocytogenes_1639_str129	CP007686.1	2,932,501	38.04	1	0	2,808	18	67	USA	2011	human clinical isolate	Homo sapiens
SAMN05363481	L.monocytogenes	L.monocytogenes_1639_str128	CP016629.1	2,935,033	37.99	1	0	2,835	18	67	South Korea	2014	Lettuce	Food
SAMN10148451	L.monocytogenes	L.monocytogenes_1639_str127	CP036691.1	2,935,335	37.98	1	0	2,870	18	67	USA	NA	abortion case	Cattle
SAMN08939835	L.monocytogenes	L.monocytogenes_1639_str126	CP031141.1	2,935,813	38	1	0	2,828	18	67	South Korea	2017	blood	Homo sapiens
SAMEA104314691	L.monocytogenes	L.monocytogenes_1639_str125	LT985476.1	2,935,970	37.93	1	0	2,853	18	68	NA	NA	NA	NA
SAMN10148454	L.monocytogenes	L.monocytogenes_1639_str124	CP032668.1	2,936,760	38.06	1	0	2,839	18	67	USA	NA	abortion case	Cattle
SAMN03002784	L.monocytogenes	L.monocytogenes_1639_str123	CP045748.1	2,939,705	37.98	1	0	2,841	18	66	USA	2014	peach	Food
SAMN03002785	L.monocytogenes	L.monocytogenes_1639_str122	CP045747.1	2,939,729	37.98	1	0	2,839	18	67	USA	2014	peach	Food
SAMN03002789	L.monocytogenes	L.monocytogenes_1639_str121	CP045746.1	2,939,732	37.98	1	0	2,839	18	67	USA	2014	peach	Food
SAMN03002788	L.monocytogenes	L.monocytogenes_1639_str120	CP045745.1	2,939,733	37.98	1	0	2,841	18	66	USA	2014	peach	Food
SAMN08663437	L.monocytogenes	L.monocytogenes_1639_str11	CP028183.1	3,124,949	37.91	1	1	3,083	18	67	Denmark	2015	smoked fish	Meat
SAMN03002783	L.monocytogenes	L.monocytogenes_1639_str119	CP012012.1	2,939,733	37.98	1	0	2,840	18	67	USA	2014	peach	Food
SAMN25653829	L.monocytogenes	L.monocytogenes_1639_str118	CP092060.1	2,939,920	37.98	1	0	2,840	18	67	Canada	2015	Chopped Romaine Lettuce	Food
SAMN06297603	L.monocytogenes	L.monocytogenes_1639_str117	CP019623.1	2,940,913	37.91	1	0	2,870	16	58	NA	2007	chicken breast	Meat
SAMN07612368	L.monocytogenes	L.monocytogenes_1639_str116	CP023321.1	2,941,868	37.99	1	0	2,870	18	67	India	2016	blood	Homo sapiens
SAMN0486628	L.monocytogenes	L.monocytogenes_1639_str115	CP013285.1	2,942,510	37.99	1	0	2,849	18	67	United Kingdom	1961	England	Chicken
SAMN13973245	L.monocytogenes	L.monocytogenes_1639_str114	CP048400.1	2,942,932	37.98	1	0	2,893	18	67	USSR	1952	Kazakhstan	Tick
SAMN02203122	L.monocytogenes	L.monocytogenes_1639_str113	CP006592.1	2,943,218	37.99	1	0	2,845	14	58	USA	1989	animal	NA
SAMN17320319	L.monocytogenes	L.monocytogenes_1639_str112	CP068601.1	2,945,237	38.01	1	0	2,870	18	67	South Korea	2019	NA	Goat
SAMN16231355	L.monocytogenes	L.monocytogenes_1639_str111	CP062141.1	2,996,205	37.97	1	1	2,888	18	67	USA	1983	NA	NA
SAMN02713644	L.monocytogenes	L.monocytogenes_1639_str110	CP076851.1	2,997,686	37.98	1	0	2,908	18	67	USA	2018	human clinical case	Homo sapiens
SAMN06297602	L.monocytogenes	L.monocytogenes_1639_str10	CP019622.1	3,070,031	38.03	1	0	3,046	17	68	NA	2007	Ground beef	Meat
SAMN02712416	L.monocytogenes	L.monocytogenes_1639_str109	CP007688.1	2,947,477	37.98	1	0	2,898	18	67	USA	2009	human clinical case	Homo sapiens
SAMN14927919	L.monocytogenes	L.monocytogenes_1639_str108	CP053478.1	2,949,231	38.01	1	0	2,884	18	67	USA	2002	food	Food
SAMN04286632	L.monocytogenes	L.monocytogenes_1639_str107	CP013289.1	2,950,749	37.99	1	0	2,852	18	67	NA	NA	NA	NA
SAMN05291439	L.monocytogenes	L.monocytogenes_1639_str106	CP018148.2	2,950,780	37.99	1	0	2,844	18	67	Russia	2005	Myodes rufocanus	NA
SAMN11056493	L.monocytogenes	L.monocytogenes_1639_str105	CP040986.1	2,950,983	37.99									