Article DOI: https://doi.org/10.3201/eid2506.171431

National Surveillance of Legionnaires' Disease, China, 2014–2016

Appendix

Appendix Table 1. MICs results for 7 *Legionella pneumophila* strains, China, 2014–2016*

	Antimicrobial drug, susceptible MIC, mg/dL							
Strain ID	CIP, ≤2.0	LVX, ≤1.0	MXE, ≤1.0	ERY, ≤0.5)	AZM, ≤1.0	CLR, ≤0.5	RIF, ≤0.032	CXM, ≤1.0
CNLP001	0.125	0.094	0.38	0.094	0.094	0.125	0.016	3
CNLP002	0.125	0.094	0.25	0.094	0.032	0.25	0.012	4
CNLP003	0.5	0.094	0.38	0.094	0.047	0.125	0.032	1.5
CNLP004	0.125	0.064	0.38	0.064	0.047	0.25	0.032	8
CNLP005	0.25	0.094	0.38	0.064	0.032	0.125	0.023	2
CNLP006	0.25	0.125	1	0.064	0.094	0.25	0.002	2
CNLP007	0.25	0.125	0.38	0.125	0.094	0.125	0.023	3

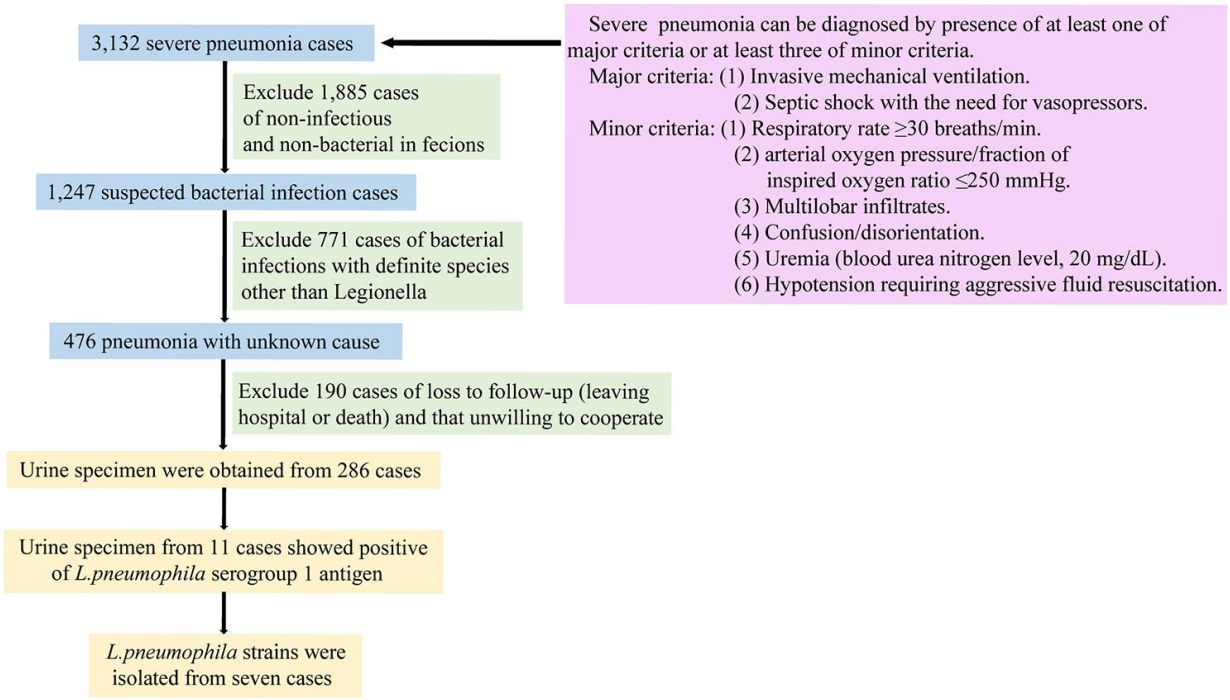
* The MIC values with bold font are greater than the cutoff values of the specific antimicrobial agent. The MICs with normal fonts are ≤ the cutoff values of the specific antimicrobial agent. AZM, azithromycin; CIP, ciprofloxacin; CLR, clarithromycin; CXM, cefuroxime; ERY, erythromycin; LVX, levofloxacin; MCE, moxifloxacin; RIF, rifampin.

Appendix Table 2. Number, sources, regional distribution, and year distribution of strains of STs determined in this study in the *Legionella pneumophila* SBT database

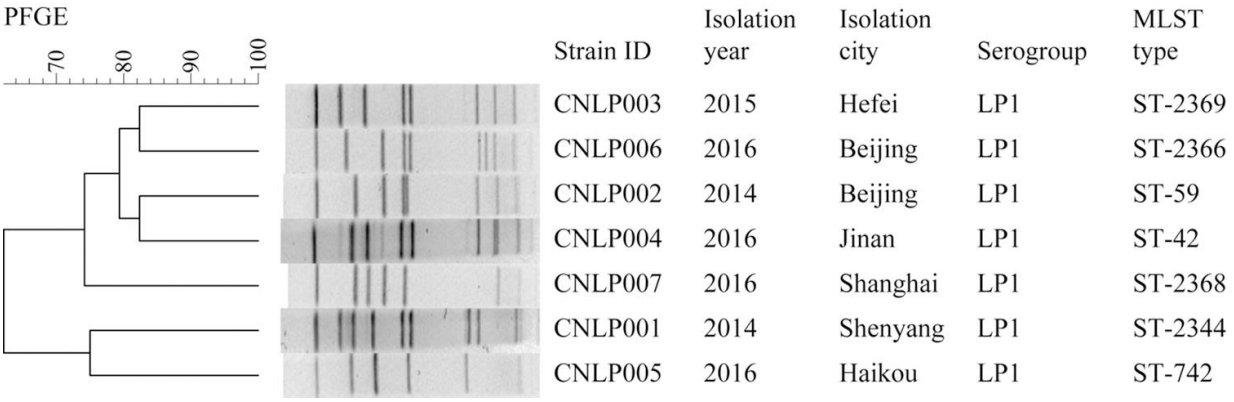
	No. strains in SBT database				
ST	Total	Clinical	Environmental	Regional distribution	Year distribution
ST-42*	324	269	52	30 countries	1982–2017
ST-59	134	73	61	17 countries	1982–2016
ST-742	3	2	1	2 countries	2009, 2013
ST-2344	1	1	0	1 country	2014
ST-2366	1	1	0	1 country	2016
ST-2368	1	1	0	1 country	2016
ST-2369	1	1	0	1 country	2015

*In the database, the sources of three ST-42 strains were unknown. SBT, sequence-based typing; ST, sequence type.

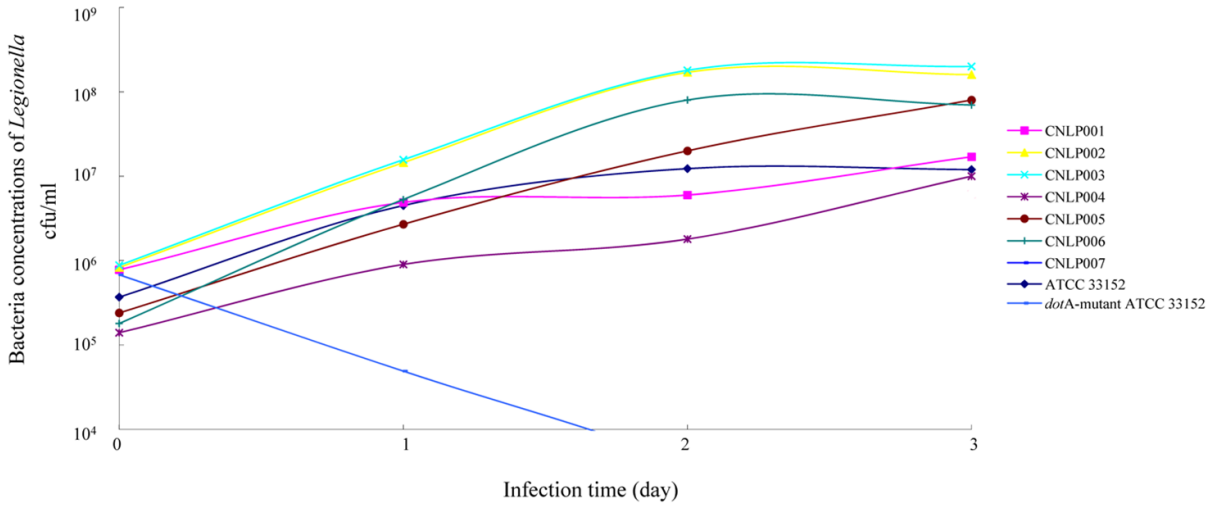
Appendix Figure 1. Geographic distribution of 18 hospitals (1 hospital was chosen in each city) in the national survey of *Legionella pneumophila* infections, China, 2014–2016.



Appendix Figure 2. Screening procedure for Legionnaires' disease in the national surveillance in 18 hospitalsChina, 2014–2016.



Appendix Figure 3. Clustering of the 7 clinical *Legionella pneumophila* strains based on pulsed-field gel electrophoresis patterns. The strain ID, isolation year, isolation city, serogroup, and multilocus sequence typing type of each isolate are listed to the right of the patterns.



Appendix Figure 4. Intracellular growth ability of 7 clinical *Legionella pneumophila* strainsChina, 2014–2016. The formation of colonies (colony-forming units/mL) was determined in triplicate at the times indicated, and the representative data of at least 4 independent experiments are shown. The *L. pneumophila* philadelphila-1 strain ATCC33152 and its *dot*A mutant were used as positive and negative controls, respectively.