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Invasive Serotype 35B Pneumococci Including an Expanding Serotype Switch Lineage, United States, 2015–2016

Technical Appendix

Technical Appendix Table. Accession numbers, whole-genome sequencing pipeline features, and quality metrics of 207 invasive pneumococcal isolates, United States, 2015–2016*

SRA accession no.	Isolate name	State†	Year of isolation	Serotype	pI-1‡	pI-2‡	MLST	PBP type 1a:2b:2x§	Non-PBP resistance determinants¶	No. contigs	N50, bases	Length of longest contig, bases	No. bases in contigs	No. contigs >1K	No. bases in contigs >1K
ERR586423#	2010200750	CA	2009	19A	Yes	No	156	29:12:26	*mef, folAI100L, folPins189*	84	105,726	341,189	2,087,641	39	2,073,476
SAMN05220851	20151623	GA	2015	35B	Yes	No	558	4:7:7	*mef*	345	11,534	52,098	2,066,482	299	2,028,530
SAMN05220873	20151893	GA	2015	35B	Yes	No	558	4:7:7	*mef*	69	104,614	165,383	2,022,450	31	2,010,218
SAMN05220875	20151895	GA	2015	35B	Yes	No	558	4:7:7	*mef*	50	78,901	206,084	2,098,334	40	2,091,749
SAMN05220883	20152130	GA	2015	35B	Yes	No	558	4:7:7	Negative	31	120,620	268,659	2,021,152	25	2,017,441
SAMN05220884	20152131	GA	2015	35B	Yes	No	156	4:12:7	*mef, folAI100L, folPins180*	63	61,342	238,796	2,101,100	57	2,097,051
SAMN05220924	20152247	GA	2015	35B	Yes	No	558	4:7:7	*mef*	32	165,555	329,660	2,023,444	25	2,019,140
SAMN05220932	20152255	GA	2015	35B	Yes	No	558	4:7:7	*mef*	45	91,096	208,104	2,060,658	38	2,056,189
SAMN05220978	20152635	GA	2015	35B	Yes	No	558	4:7:7	*mef*	45	105,615	158,315	2,022,574	36	2,017,138
SAMN05220988	20152649	GA	2015	35B	Yes	No	558	4:7:7	*mef*	63	74,766	267,777	2,055,552	49	2,047,804
SAMN05220990	20152651	GA	2015	35B	Yes	No	558	4:7:7	*mef*	36	158,343	260,315	2,048,689	26	2,042,220
SAMN05220991	20152652	GA	2015	35B	Yes	No	11250	4:14:7	*folPins169*	70	66,332	152,334	2,066,222	60	2,060,214
SAMN05221020	20152694	NM	2015	35B	Yes	No	558	4:7:7	*folPins195*	2255	3,153	35,263	3,471,381	770	2,623,239
SAMN05221036	20152712	NM	2015	35B	Yes	No	558	4:7:7	Negative	51	165,485	264,926	2,021,941	28	2,010,850
SAMN05221054	20152805	GA	2015	35B	Yes	No	558	4:7:7	*mef*	153	28,000	77,453	2,024,387	125	2,008,430
SAMN05221068	20152819	GA	2015	19A	Yes	No	156	8:12:36	*mef, folAI100L, folPins189*	54	79,725	171,901	2,107,451	47	2,103,268
SAMN05221081	20152877	TN	2015	35B	Yes	No	156	4:12:7	*mef, folAI100L, folPins178*	67	69,960	240,680	2,142,873	54	2,134,812
SAMN05221087	20152884	TN	2015	35B	Yes	No	9910	4:12:7	*mef, folAI100L, folPins180*	60	78,563	427,552	2,141,711	45	2,133,089
SAMN05221099	20152896	TN	2015	35B	No	No	558	4:7:7	*mef*	40	105,973	253,714	2,049,350	29	2,042,292
SAMN05221130	20152953	CT	2015	35B	Yes	No	558	4:7:7	*mef*	41	104,752	359,235	2,048,113	33	2,043,373
SAMN05221131	20152954	CT	2015	35B	Yes	No	558	4:7:7	*mef, ParC-S79F*	43	99,836	267,811	2,048,448	34	2,042,394
SAMN05221137	20152960	CT	2015	35B	Yes	No	558	4:7:7	*mef*	50	93,353	225,698	2,052,543	39	2,045,342
SAMN05221153	20153004	NY	2015	35B	Yes	No	558	4:7:7	*mef*	43	106,157	256,689	2,015,996	35	2,011,436
SAMN05221170	20153021	GA	2015	35B	Yes	No	558	4:7:133	*mef*	61	64,424	171,124	2,056,356	55	2,052,821
SAMN05221230	20153206	CO	2015	35B	Yes	No	558	4:7:7	Negative	61	69,265	185,639	2,020,833	53	2,015,716
SAMN05221253	20153229	CO	2015	35B	Yes	No	11254	4:7:7	*folAI100L, folPins169*	54	69,587	141,164	2,067,296	48	2,063,425
SAMN05221268	20153245	NY	2015	35B	Yes	No	558	4:7:7	*mef*	48	100,363	186,047	2,043,861	37	2,038,001
SAMN05221290	20153268	TN	2015	35B	Yes	No	558	4:7:112	*mef*	36	110,217	306,204	2,022,381	30	2,019,060
SAMN05221329	20153308	TN	2015	35B	Yes	No	558	4:7:7	*mef*	56	75,409	139,907	2,025,258	49	2,020,002

SRA accession no.	Isolate name	State†	Year of isolation	Serotype	pI-1‡	pI-2‡	MLST	PBP type 1a:2b:2x§	Non-PBP resistance determinants¶	No. contigs	N50, bases	Length of longest contig, bases	No. bases in contigs	No. contigs >1K	No. bases in contigs >1K
SAMN05221338	20153394	CA	2015	35B	No	No	452	0:0:0	Negative	77	71,399	123,897	2,089,273	50	2,074,421
SAMN05221366	20153422	CA	2015	9V	Yes	No	156	15:12:18	*ermB, folAI100L, folPins178, tetM*	58	74,719	243,646	2,067,218	47	2,061,016
SAMN05221369	20153425	CA	2015	35B	No	No	452	0:0:0	Negative	71	101,781	195,615	2,161,796	37	2,143,676
SAMN05221410	20153478	NM	2015	35B	Yes	No	10493	4:7:7	*mef*	53	78,074	174,938	2,040,592	51	2,039,384
SAMN05221412	20153526	GA	2015	35B	No	No	558	4:7:7	*mef*	48	93,085	210,845	2,051,947	38	2,046,086
SAMN05221447	20153901	MN	2015	35B	Yes	No	558	4:7:7	*mef*	75	51,030	133,733	2,018,673	70	2,015,621
SAMN05221448	20153902	MN	2015	35B	Yes	No	558	4:7:7	*mef*	52	92,130	159,730	2,014,917	42	2,007,904
SAMN05221483	20153937	MN	2015	35B	Yes	No	558	4:7:7	*mef*	45	110,339	267,781	2,022,658	32	2,015,024
SAMN05221491	20153945	MN	2015	35B	Yes	No	558	4:7:7	*mef*	33	165,574	276,997	2,021,333	26	2,017,038
SAMN05221520	20153974	MN	2015	35B	Yes	No	558	4:7:7	Negative	69	74,571	156,076	2,022,222	58	2,014,941
SAMN05221873	20154264	NM	2015	35B	Yes	No	10493	4:7:7	*mef, folAI100L*	38	106,125	297,817	2,051,274	30	2,046,287
SAMN05221920	20154350	NY	2015	35B	Yes	No	558	4:7:7	*mef*	83	48,103	154,090	2,027,137	74	2,020,997
SAMN05221961	20154457	TN	2015	35B	Yes	No	558	4:7:7	*folPins173*	70	75,849	112,748	2,022,694	56	2,016,001
SAMN05221992	20154489	CT	2015	35B	Yes	No	7487	4:49:7	Negative	49	92,283	165,554	2,026,826	40	2,021,564
SAMN05222034	20154575	GA	2015	35B	Yes	No	558	4:7:7	*mef*	29	123,759	268,656	2,016,212	24	2,012,931
SAMN05222063	20154698	MN	2015	35B	Yes	No	558	4:7:7	*mef*	65	71,564	158,172	2,012,692	54	2,005,300
SAMN05222074	20154709	MN	2015	35B	Yes	No	558	4:7:7	*mef*	30	110,276	313,438	2,006,123	23	2,002,203
SAMN05222102	20154740	MN	2015	35B	Yes	No	558	4:7:7	*mef*	49	82,837	206,129	2,007,751	40	2,002,868
SAMN05222113	20154753	MN	2015	31	Yes	No	156	15:12:18	*mef, folAI100L, folPins178*	56	78,904	241,592	2,091,629	43	2,083,767
SAMN05222122	20154762	MN	2015	35B	Yes	No	558	4:7:7	Negative	115	34,829	145,244	2,060,779	98	2,049,243
SAMN05222124	20154764	MN	2015	35B	Yes	No	558	4:7:7	*mef*	40	102,412	344,853	2,001,315	35	1,998,325
SAMN05222138	20154861	CO	2015	35B	Yes	No	558	4:7:7	*mef*	50	91,885	174,021	2,017,466	42	2,012,697
SAMN05222147	20154871	CO	2015	35B	Yes	No	558	4:7:7	Negative	48	86,836	146,223	2,013,425	43	2,010,386
SAMN05222149	20154873	CO	2015	35B	No	No	452	0:0:148	Negative	71	69,780	195,635	2,085,785	50	2,072,719
SAMN05222152	20154876	CO	2015	35B	Yes	No	558	4:7:28	*mef*	47	88,654	221,878	2,017,098	41	2,013,130
SAMN05222170	20154894	CO	2015	35B	Yes	No	558	4:7:7	Negative	56	80,744	260,302	2,045,935	43	2,037,405
SAMN05222174	20154898	CO	2015	35B	Yes	No	558	4:7:7	*mef*	43	120,528	223,043	2,014,603	33	2,008,712
SAMN05222180	20154904	CO	2015	35B	Yes	No	558	4:7:7	Negative	95	71,997	136,148	2,009,843	57	1,995,835
SAMN05222199	20154923	CO	2015	35B	Yes	No	11606	4:7:7	Negative	60	67,755	198,530	2,015,960	55	2,012,635
SAMN05222217	20154941	NY	2015	35B	Yes	No	558	4:7:7	Negative	64	61,235	159,717	2,014,227	58	2,010,063
SAMN05222220	20154980	TN	2015	35B	Yes	No	11584	4:12:7	*mef, folAI100L, folPins178*	62	68,761	174,251	2,138,313	52	2,131,321
SAMN05222224	20154985	TN	2015	35B	Yes	No	7486	4:7:7	*mef*	61	77,881	175,856	2,026,726	53	2,022,345
SAMN05222284	20155252	NM	2015	35B	Yes	No	558	4:7:7	*mef*	55	86,578	170,908	2,038,123	43	2,030,908
SAMN05222300	20155285	CT	2015	35B	Yes	No	558	4:7:7	*mef*	96	48,836	105,501	2,036,455	61	2,025,412
SAMN05222316	20155301	CT	2015	35B	Yes	No	558	4:7:7	*mef*	36	123,831	275,657	2,008,754	27	2,002,993
SAMN05222339	20155324	CT	2015	35B	Yes	No	558	4:7:7	*mef*	126	29,682	73,368	2,027,346	113	2,018,266
SAMN05222355	20155341	NY	2015	35B	Yes	No	558	4:7:7	*mef*	39	105,629	166,148	2,008,199	32	2,003,865
SAMN05222369	20155422	MD	2015	35B	Yes	No	558	4:7:7	*mef*	58	62,697	106,398	2,018,841	55	2,016,970
SAMN05222370	20155424	MD	2015	35B	Yes	No	558	4:7:7	*mef*	98	42,299	117,380	2,056,258	87	2,049,421
SAMN05222399	20155454	MD	2015	35B	Yes	No	11254	4:7:7	*folAI100L, folPins169*	78	48,396	116,466	2,035,836	71	2,031,364
SAMN05222426	20155483	MD	2015	35B	Yes	No	558	4:7:7	*mef, ParC-D83Y*	61	90,884	267,659	2,015,042	31	2,003,664
SAMN05222453	20155510	MD	2015	35B	Yes	No	558	4:7:7	*folPins189*	42	113,849	211,223	2,014,392	28	2,007,669
SAMN05222454	20155511	MD	2015	35B	Yes	No	558	4:7:7	*mef*	59	97,746	220,585	2,019,599	40	2,010,752
SAMN05222473	20155530	MD	2015	35B	Yes	No	558	4:7:7	Negative	99	40,708	108,537	2,058,817	90	2,052,352
SAMN05222480	20155537	MD	2015	35B	Yes	No	558	4:7:7	*mef*	41	93,125	177,099	2,013,666	33	2,009,209

SRA accession no.	Isolate name	State†	Year of isolation	Serotype	pI-1‡	pI-2‡	MLST	PBP type 1a:2b:2x§	Non-PBP resistance determinants¶	No. contigs	N50, bases	Length of longest contig, bases	No. bases in contigs	No. contigs >1K	No. bases in contigs >1K
SAMN05222504	20155562	TN	2015	13	Yes	No	156	15:12:173	*folAI100L, folPins178*	43	111,285	255,659	2,045,236	31	2,039,152
SAMN05222517	20155901	GA	2015	35B	Yes	No	558	4:7:7	*mef*	41	112,540	165,695	2,013,797	30	2,007,676
SAMN05596826	20155922	MN	2015	35B	Yes	No	558	4:7:7	*mef*	32	106,109	325,049	1,999,846	26	1,996,090
SAMN05596827	20155926	MN	2015	35B	Yes	No	156	4:12:7	*mef, folAI100L, folPins178*	49	78,775	279,019	2,126,279	39	2,120,858
SAMN05596828	20155951	MN	2015	35B	Yes	No	558	4:7:7	*mef*	59	73,152	196,224	2,010,083	49	2,003,658
SAMN05222556	20156078	TN	2015	35B	Yes	No	558	4:7:7	Negative	59	82,107	221,409	2,025,411	49	2,020,007
SAMN05222599	20156298	GA	2015	35B	Yes	No	558	4:7:7	*mef*	47	93,019	223,438	2,017,585	33	2,010,494
SAMN05222602	20156301	GA	2015	35B	Yes	No	558	4:7:7	*mef*	45	105,889	262,369	2,011,956	33	2,006,448
SAMN05222619	20156540	CA	2015	35B	Yes	No	558	4:7:7	Negative	42	93,474	260,132	2,013,813	34	2,008,687
SAMN05222660	20156581	CA	2015	35B	No	No	558	4:7:7	*mef*	43	85762	301,048	2,002,644	40	2,000,453
SAMN05222676	20156649	CT	2015	35B	Yes	No	558	4:7:7	*mef*	41	104,825	223,465	2,042,864	32	2,038,004
SAMN05222686	20156659	CT	2015	35B	Yes	No	558	4:7:7	Negative	64	59,402	158,272	2,050,784	57	2,046,464
SAMN05222693	20156666	CT	2015	35B	Yes	No	11603	4:7:7	*mef*	50	91,521	256,674	2,017,334	39	2,011,233
SAMN05222697	20156670	CT	2015	35B	Yes	No	558	4:7:7	*mef*	51	90,896	165,366	2,014,227	34	2,007,629
SAMN05222704	20156677	MD	2015	35B	Yes	No	558	4:7:7	Negative	65	66,752	162,146	2,019,702	58	2,015,338
SAMN05222705	20156678	MD	2015	35B	Yes	No	558	4:7:7	*mef*	48	105,515	221,519	2,018,478	42	2,014,793
SAMN05222711	20156684	MD	2015	35B	No	No	452	0:0:0	*mef*	68	69,921	161,942	2,087,079	47	2,075,378
SAMN05222715	20156689	MD	2015	35B	Yes	No	558	4:7:7	*mef*	37	91,052	279,457	2,016,313	30	2,012,047
SAMN05596829	20156933	MN	2015	35B	Yes	No	558	4:7:7	*mef*	47	77,165	157,740	1,997,705	39	1,992,311
SAMN05596830	20156936	MN	2015	35B	Yes	No	558	4:7:7	Negative	56	79,321	204,697	2,051,711	45	2,045,286
SAMN05596831	20156940	MN	2015	35B	Yes	No	156	4:12:7	*mef, folAI100L, folPins178*	60	65,782	210,473	2,129,301	52	2,124,334
SAMN05222800	20160119	GA	2015	35B	Yes	No	156	4:12:7	*mef, folAI100L, folPins178*	74	58,812	117,153	2,134,217	66	2,129,337
SAMN05222828	20160273	TN	2015	35B	Yes	No	558	4:7:7	*mef,parC-D83Y, gyrA-S81Y*	138	27,871	91,211	2,035,655	128	2,028,330
SAMN05222863	20160308	GA	2015	35B	Yes	No	558	4:7:7	Negative	46	101,661	165,518	2,045,468	38	2,040,619
SAMN05222880	20160528	MD	2015	35B	Yes	No	558	4:7:7	*mef*	85	40,578	102,802	2,055,955	78	2,051,459
SAMN05222885	20160534	MD	2015	35B	Yes	No	11604	4:7:7	*mef*	50	89,698	171,807	2,014,102	37	2,008,156
SAMN05222910	20160559	TN	2015	35B	Yes	No	558	4:7:7	*mef*	63	80,228	167,817	2,004,803	47	1,995,742
SAMN05222922	20160571	CT	2015	35B	Yes	No	558	4:7:7	*mef*	51	76,272	227,736	2,017,530	43	2,013,125
SAMN05222929	20160578	CT	2015	35B	Yes	No	10493	4:7:7	*mef*	74	81,944	305,405	2,071,800	47	2,060,517
SAMN05222937	20160586	CT	2015	35B	Yes	No	558	4:7:7	*mef*	71	63,833	139,228	2,013,553	59	2,006,086
SAMN05222969	20160886	GA	2015	35B	Yes	No	558	4:7:7	*mef*	114	35,631	159,040	2,069,781	103	2,061,803
SAMN05222989	20160906	NM	2015	35B	Yes	No	558	4:7:7	Negative	47	87,665	172,854	2,013,642	40	2,009,199
SAMN05222997	20160914	NM	2015	35B	Yes	No	10493	4:7:7	*mef*	54	82,019	179,360	2,080,791	51	2,078,481
SAMN05223002	20160919	NM	2015	35B	Yes	No	1092	6:7:36	*folAI100L, folPins195*	115	36,416	114,401	2,161,903	104	2,154,336
SAMN05223093	20161195	NY	2015	35B	Yes	No	156	4:12:7	*mef, folAI100L, folPins178*	67	60,715	149,428	2,132,963	55	2,126,325
SAMN05596832	20161250	MN	2015	35B	Yes	No	558	4:7:7	*mef*	63	74,782	134,247	2,022,806	53	2,017,060
SAMN05596833	20161257	MN	2015	35B	Yes	No	558	4:7:7	*mef*	60	78,703	113,175	2,011,397	53	2,006,497
SAMN05596835	20161304	MN	2015	35B	Yes	No	558	4:7:7	*mef*	58	83,268	230,802	2,009,412	47	2,002,330
SAMN05596836	20161312	MN	2015	35B	Yes	No	558	4:7:7	*mef*	168	25,368	105,651	2,070,391	150	2,058,010
SAMN05596837	20161318	MN	2015	35B	Yes	No	558	4:7:7	*mef*	62	68,201	194,581	2,010,256	53	2,004,559
SAMN05223133	20161390	GA	2015	35B	Yes	No	558	4:7:7	*mef*	39	112,692	232,100	2,016,345	31	2,011,820
SAMN05223145	20161402	GA	2015	35B	Yes	No	558	4:7:7	*mef*	43	90,976	173,428	2,048,722	36	2,044,540

SRA accession no.	Isolate name	State†	Year of isolation	Serotype	pI-1‡	pI-2‡	MLST	PBP type 1a:2b:2x§	Non-PBP resistance determinants¶	No. contigs	N50, bases	Length of longest contig, bases	No. bases in contigs	No. contigs >1K	No. bases in contigs >1K
SAMN05223156	20161413	GA	2015	35B	Yes	No	156	4:12:7	*mef, folAI100L, folPins178*	55	70,259	279,680	2,130,702	47	2,125,944
SAMN05223181	20161606	CT	2015	9V	Yes	No	156	15:12:18	*mef, folAI100L, folPins178, tetM*	55	69,396	238,719	2,117,477	46	2,111,818
SAMN05223194	20161619	CT	2015	35B	Yes	No	558	4:7:7	*mef*	37	120,271	173,384	2,014,607	28	2,009,100
SAMN05223196	20161621	CT	2015	35B	Yes	No	558	4:7:7	*mef*	52	110,264	221,047	2,053,911	35	2,045,003
SAMN05223197	20161622	CT	2015	35B	Yes	No	558	4:7:7	*mef*	38	93,266	268,577	2,007,538	29	2,002,683
SAMN05223202	20161627	CT	2015	35B	Yes	No	558	4:7:7	*mef*	37	109,078	329,557	2,008,734	31	2,005,184
SAMN05223206	20161631	CT	2015	35B	Yes	No	558	4:120:7	*mef*	38	112,348	283,017	2,051,468	29	2,045,940
SAMN05223222	20161647	MD	2015	35B	No	No	11818	4:31:114	*ermB, folPins195, tetM*	56	117,980	273,832	2,093,564	35	2,083,044
SAMN05223244	20161669	MD	2015	35B	Yes	No	6961	4:7:7	Negative	46	89,773	173,235	2,082,077	36	2,077,396
SAMN05223249	20161674	MD	2015	35B	Yes	No	558	4:7:7	*mef*	52	93,157	157,673	2,021,717	41	2,016,287
SAMN05596838	20161697	MD	2015	35B	Yes	No	558	4:7:7	*mef*	76	49,448	128,234	2,023,535	69	2,018,951
SAMN05596839	20161763	TN	2015	35B	Yes	No	156	4:12:7	*mef, folAI100L, folPins178*	74	61,347	118,236	2,139,347	61	2,130,933
SAMN05596840	20161772	TN	2015	35B	Yes	No	558	4:7:7	*mef*	35	94,121	214,007	2,007,894	30	2,004,814
SAMN05596841	20161796	TN	2015	35B	Yes	No	558	4:7:7	*mef*	50	104,680	260,238	2,015,939	34	2,009,679
SAMN05596842	20161806	TN	2015	35B	Yes	No	558	4:7:7	*mef*	53	70,235	170,203	2,017,465	43	2,011,036
SAMN05596843	20161992	CA	2015	35B	No	No	452	0:0:0	Negative	93	68,407	129,046	2,125,843	61	2,109,508
SAMN05596848	20162335	TN	2015	35B	Yes	No	558	4:7:7	*mef*	79	81,310	165,420	2,040,006	51	2,031,050
SAMN05596849	20162342	TN	2015	35B	Yes	No	156	4:12:7	*mef, folAI100L, folPins178*	164	38,112	116,941	2,132,394	90	2,109,381
SAMN05596853	20162573	NM	2015	35B	Yes	No	558	4:7:7	*mef*	46	95,570	165,406	2,005,856	35	2,000,856
SAMN05751705	20162860	TN	2015	35B	Yes	No	558	102:7:7	*mef*	52	92,709	202,610	1,998,583	34	1,990,417
SAMN05596864	20163113	MN	2015	35B	Yes	No	558	4:7:7	*mef*	50	89,836	221,579	2,017,514	40	2,012,326
SAMN05596873	20163679	TN	2015	35B	Yes	No	11584	4:12:7	*mef, folAI100L, folPins178*	48	79,119	492,175	2,132,330	40	2,127,528
SAMN05617281	20164527	CO	2015	9V	Yes	No	156	15:12:18	*mef, folAI100L, folPins178*	76	105,812	265,417	2,096,832	45	2,082,189
SAMN05596844	20162014	CA	2016	35B	Yes	No	558	4:7:7	*mef, folPins186*	35	150,817	377,182	2,013,395	26	2,007,686
SAMN05596845	20162040	GA	2016	35B	Yes	No	558	4:7:7	*mef*	44	106,033	260,232	2,016,925	30	2,008,717
SAMN05596846	20162045	GA	2016	35B	Yes	No	558	4:7:7	*mef*	60	84,502	146,825	2,013,691	45	2,006,344
SAMN05596847	20162312	NY	2016	35B	Yes	No	558	4:7:7	*mef*	34	108,278	267,785	2,008,023	26	2,003,188
SAMN05596850	20162366	GA	2016	35B	Yes	No	11866	4:7:7	*mef*	42	105,288	165,485	2,012,415	34	2,007,634
SAMN05596851	20162388	GA	2016	35B	Yes	No	558	4:7:7	*mef*	32	123,819	268,582	2,014,483	23	2,009,884
SAMN05596852	20162390	GA	2016	35B	Yes	No	156	4:12:7	*mef, folAI100L, folPins178*	53	69,911	361,463	2,129,840	42	2,123,871
SAMN05596854	20162889	TN	2016	35B	Yes	No	156	4:12:7	*mef, folAI100L, folPins178*	61	63,143	149,031	2,092,555	50	2,086,601
SAMN05596856	20162912	CT	2016	35B	Yes	No	156	4:12:7	*mef, folAI100L, folPins178*	49	90,635	216,786	2,130,046	43	2,126,635
SAMN05596857	20162917	CT	2016	35B	Yes	No	558	4:7:7	Negative	70	63,408	205,652	2,049,848	58	2,042,132
SAMN05596858	20162920	CT	2016	35B	No	No	452	0:0:0	Negative	78	73,710	186,612	2,085,665	50	2,071,103
SAMN05596859	20162941	MD	2016	35B	Yes	No	558	4:7:7	*mef*	44	106,088	253,376	2,043,264	34	2,037,582
SAMN05596860	20162948	MD	2016	35B	Yes	No	558	4:7:7	Negative	75	63,449	150,746	2,043,703	55	2,035,188
SAMN05596861	20162969	MD	2016	35B	Yes	No	558	4:7:7	*mef*	57	75,713	175,536	2,015,950	49	2,011,333
SAMN05596862	20162972	MD	2016	35B	Yes	No	558	106:7:7	Negative	54	77145	178,983	2,014,160	42	2,007,683

SRA accession no.	Isolate name	State†	Year of isolation	Serotype	pI-1‡	pI-2‡	MLST	PBP type 1a:2b:2x§	Non-PBP resistance determinants¶	No. contigs	N50, bases	Length of longest contig, bases	No. bases in contigs	No. contigs >1K	No. bases in contigs >1K
SAMN05596863	20163008	NY	2016	35B	Yes	No	558	4:123:7	*mef*	38	112,805	313,544	2,006,543	26	2,001,014
SAMN05596865	20163194	MN	2016	35B	Yes	No	558	4:7:7	*mef*	56	89,735	262,271	2,012,685	38	2,004,614
SAMN05596866	20163213	MN	2016	35B	Yes	No	558	4:7:7	*mef*	58	91,575	256,172	2,057,438	41	2,048,656
SAMN05596867	20163215	MN	2016	35B	Yes	No	558	4:7:7	*mef*	38	104,755	221,865	2,008,017	32	2,004,469
SAMN05596868	20163410	NM	2016	35B	No	No	452	0:0:0	Negative	68	92,976	206,750	2,128,641	42	2,115,150
SAMN05596869	20163480	GA	2016	35B	Yes	No	558	4:7:7	*mef*	33	106,001	313,410	2,013,072	27	2,009,308
SAMN05596870	20163509	GA	2016	35B	Yes	No	558	4:7:7	*folAI100L*	43	86,577	223,544	2,049,887	37	2,046,110
SAMN05596871	20163642	TN	2016	35B	Yes	No	156	4:12:7	*mef, folAI100L, folPins178*	52	90,465	210,435	2,127,197	39	2,120,744
SAMN05596872	20163669	TN	2016	35B	Yes	No	558	4:7:7	*mef*	34	120,612	268,637	2,015,492	28	2,011,925
SAMN05596874	20163701	OR	2016	35B	No	No	452	0:0:0	Negative	66	94,,801	195,539	2,081,512	40	2,068,754
SAMN05596875	20163728	NY	2016	35B	Yes	No	558	4:7:7	*mef*	478	26,166	115,452	2,054,312	137	1,963,751
SAMN05596876	20164142	NM	2016	35B	Yes	No	162	0:0:0	Negative	115	56,676	265,920	2,102,021	59	2,082,245
SAMN05596877	20164157	GA	2016	35B	Yes	No	10493	4:7:7	*mef*	44	93,170	294,685	2,038,238	33	2,033,518
SAMN06215793	20164170	GA	2016	35B	Yes	No	12854	4:7:7	*mef*	76	63,877	173,194	2,058,373	61	2,051,342
SAMN06215794	20164318	MN	2016	35B	Yes	No	558	4:7:7	*mef*	46	104,615	205,294	2,010,923	33	2,004,779
SAMN06215795	20164323	MN	2016	35B	Yes	No	558	4:7:7	*mef*	88	66,808	116,805	2,031,386	52	2,016,536
SAMN06215796	20164352	MD	2016	35B	No	No	10493	4:7:7	*mef*	74	68,187	116,318	2,028,063	53	2,019,108
SAMN06215797	20164372	MD	2016	35B	Yes	No	10493	4:7:7	*mef*	128	46,801	123,721	2,039,754	80	2,023,641
SAMN06215798	20164387	MD	2016	35B	Yes	No	156	4:12:7	*mef, folAI100L, folPins178*	137	48,881	150,191	2,098,651	84	2,080,158
SAMN06215799	20164405	TN	2016	35B	Yes	No	2082189	4:7:7	*mef*	3217	3,817	33,659	2,279,413	359	1,568,218
SAMN06215800	20164408	TN	2016	35B	Yes	No	12921	4:11:7	*mef, folAI100L, folPins178*	97	69,811	147,008	2,126,987	57	2,111,689
SAMN06215801	20164453	CT	2016	35B	No	No	452	0:0:0	Negative	123	50,059	120,756	2,083,262	71	2,062,939
SAMN06215802	20164455	CT	2016	35B	Yes	No	558	4:7:7	Negative	78	78,527	160,641	2,017,615	50	2,005,477
SAMN06215803	20164456	CT	2016	35B	Yes	No	558	4:7:7	*mef*	103	45,263	95,304	2,020,183	79	2,010,278
SAMN06215804	20164465	CT	2016	35B	Yes	No	558	4:7:7	*mef*	70	63,940	147,951	2,019,143	54	2,012,182
SAMN06215805	20164476	CT	2016	35B	Yes	No	558	4:7:7	*mef*	93	63,483	182,215	2,056,675	56	2,043,534
SAMN06215806	20164485	CT	2016	35B	Yes	No	558	4:7:7	Negative	87	63,417	112,701	2,013,264	60	2,002,395
SAMN06215807	20164538	CO	2016	35B	Yes	No	558	4:135:7	*folAI100L, folPins169*	111	47,839	125,940	2,013,053	79	2,003,477
SAMN06215808	20164579	CO	2016	35B	Yes	No	558	4:7:7	*folAI100L, folPins180*	108	54,780	107,696	2,011,176	66	1,998,980
SAMN06215809	20164584	CO	2016	35B	Yes	No	558	4:7:7	*folAI100L, folPins169*	53	94,840	237,216	2,014,730	36	2,007,411
SAMN06215810	20165166	OR	2016	35B	Yes	No	558	4:7:7	*mef*	167	35,168	85,353	2,013,744	95	1,993,804
SAMN06215811	20165435	NY	2016	35B	Yes	No	558	4:7:7	*mef*	114	49,620	165,048	1,997,966	59	1,984,526
SAMN06215812	20165446	TN	2016	35B	Yes	No	558	4:7:7	*mef*	52	106,037	239,738	2,021,148	31	2,012,234
SAMN06215813	20165460	TN	2016	35B	Yes	No	558	4:7:7	Negative	81	78,421	140,820	2,018,764	51	2,006,385
SAMN06215814	20165513	GA	2016	35B	Yes	No	558	4:7:7	*mef*	58	91,406	222,962	2,051,473	43	2,043,757
SAMN06215815	20165562	MN	2016	35B	Yes	No	558	4:7:7	*mef*	70	89,761	201,707	2,016,051	40	2,003,973
SAMN06215816	20165585	MN	2016	35B	Yes	No	558	4:7:7	*mef*	99	51,117	165,382	2,013,853	62	2,000,883
SAMN06215817	20165590	MN	2016	35B	Yes	No	558	4:7:7	*mef*	116	49,676	165,343	2,019,643	76	2,005,318
SAMN06215818	20165613	MN	2016	35B	Yes	No	558	4:139:7	*mef*	61	81,988	172,386	2,039,499	46	2,031,802
SAMN06215819	20165637	MN	2016	35B	Yes	No	558	4:7:7	*mef*	51	82,907	202,647	2,043,980	40	2,038,852
SAMN06215820	20165685	MN	2016	35B	Yes	No	12883	4:7:7	*folAI100L*	57	68,109	253,901	2,018,465	43	2,012,245
SAMN06215821	20165915	CT	2016	35B	Yes	No	12885	4:7:7	*mef*	67	80,988	261,406	2,019,225	46	2,011,232
SAMN06215822	20165986	NY	2016	35B	Yes	No	558	4:7:7	*mef*	84	78,417	165,496	2,086,489	51	2,072,015
SAMN06215823	20165996	CT	2016	35B	Yes	No	558	4:120:7	*mef*	65	76,906	162,547	2,051,848	46	2,043,512

SRA accession no.	Isolate name	State†	Year of isolation	Serotype	pI-1‡	pI-2‡	MLST	PBP type 1a:2b:2x§	Non-PBP resistance determinants¶	No. contigs	N50, bases	Length of longest contig, bases	No. bases in contigs	No. contigs >1K	No. bases in contigs >1K
SAMN06215824	20166006	MD	2016	9V	Yes	No	156	15:12:228	*mef, folAI100L, folPins178*	49	104,699	567,749	2,048,506	32	2,038,541
SAMN06215825	20166007	MD	2016	35B	Yes	No	558	4:7:7	*folAI100L*	34	144,034	329,701	2,048,856	25	2,043,137
SAMN06215826	20166027	MD	2016	35B	Yes	No	558	4:7:7	Negative	40	108,014	257,659	2,002,985	31	1,998,164
SAMN06215827	20166030	MD	2016	35B	Yes	No	12922	4:142:7	Negative	44	105,529	221,286	2,011,129	33	2,005,703
SAMN06215828	20166031	MD	2016	35B	Yes	No	558	4:7:7	*mef*	41	98,102	268,599	2,024,426	33	2,019,673
SAMN06215829	20166040	MD	2016	35B	Yes	No	558	4:7:7	Negative	33	120,367	282,949	2,012,657	28	2,009,526
SAMN06215830	20166079	GA	2016	35B	Yes	No	558	4:7:7	*mef*	32	105,548	237,002	2,010,391	28	2,008,033
SAMN06215831	20166343	OR	2016	35B	No	No	452	0:0:0	Negative	65	64,765	181,330	2,073,513	47	2,064,230
SAMN06555337	20166603	MN	2016	35B	Yes	No	558	4:7:7	*mef*	70	88,319	173,091	2,004,297	39	1,994,204

*MLST, multilocus sequence type; N50, average length of contigs; PBP, penicillin-binding protein; SRA, sequence read archive.
†CA, California; CO, Colorado; CT, Connecticut; GA, Georgia; MD, Maryland; MN, Minnesota; NM, New Mexico; NY, New York; OR, Oregon; TN, Tennessee.
‡Pilus subunit pI-1 and pI-2 genes.
§See Li et al. (*1*) and MIC correlates for PBP types (http://www.cdc.gov/streplab/mic-tables.html).
¶For a description of whole-genome sequence–based bioinformatic pipeline for deduction of all features shown, see Li et al. (*1*) and Metcalf et al. (*2,3*). See Figure 1 in Metcalf et al. (*3*) for a description of *folP* insertions (*folPins178*, *folP189*).
#European Nucleotide Archive accession number.

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