

Year	MIC (mg/L)						Mutations in			NG-MAST		
	PEN	TET	CIP	CRO	CFM	AZM	<i>penA</i> (PBP2)	<i>mtrR</i>	<i>penB</i>	<i>tbpB</i>	<i>porB</i>	ST
2011	2	1	4	0.06	0.125	0.5	V	Deletion of A, H105Y	A121G	149	161	8509
	4	4	0.016	0.06	0.125	1	IX	Deletion of A, H105Y	G120K, A121N	33	164	3620
	4	4	8	0.125	0.25	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	4	4	16	0.06	0.25	0.25	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	16	4	16	0.125	0.5	0.5	X	Deletion of A, H105Y	G120K, A121D	110	628	925
	16	4	16	0.125	0.5	0.5	X	Deletion of A, H105Y	G120K, A121D	110	628	925
	8	4	16	0.125	0.5	0.5	X	Deletion of A, H105Y	G120K, A121D	110	628	925
	8	4	16	0.06	0.25	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
2012	8	4	16	0.125	0.25	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	1551	908	8508
	8	4	16	0.125	0.125	0.5	XII	Deletion of A, H105Y	G120K, A121D	4	4	225
	1	2	16	0.06	0.25	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	2	4	16	0.06	0.125	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	2	2	8	0.06	0.125	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	2078	3431
	2	2	16	0.06	0.125	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	2	2	16	0.06	0.125	1	XXXIV	Deletion of A, H105Y	G120K, A121N	110	2078	3431
	2	2	16	0.06	0.125	1	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
2013	2	2	16	0.06	0.125	1	XXXIV	Deletion of A, H105Y	G120K, A121N	110	3003	4951
	2	2	16	0.06	0.125	1	XXXIV	Deletion of A, H105Y	G120K, A121N	110	2078	3431
	2	4	16	0.06	0.125	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	2	2	16	0.06	0.125	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	2043	3378
	4	4	16	0.125	0.125	1	XXXIV	Deletion of A, H105Y	G120K, A121N	110	2237	3709
	2	2	16	0.06	0.125	1	XXXIV	Deletion of A, H105Y	G120K, A121N	110	1914	3158
	2	2	16	0.06	0.125	1	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	2	4	16	0.06	0.125	1	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	2	4	16	0.06	0.125	1	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	4	4	16	0.06	0.25	1	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	4	4	16	0.06	0.125	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	4	4	16	0.06	0.25	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	2078	3431
	4	4	16	0.06	0.25	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	4	4	16	0.06	0.25	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	4	4	16	0.06	0.25	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	2	4	16	0.06	0.25	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	32	3643	13530 ^a
	4	4	16	0.06	0.25	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	4	4	16	0.06	0.25	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	2	4	16	0.06	0.125	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	1	1	8	0.06	0.125	0.5	XIII	Deletion of A, H105Y	A121S, N122K	4	7811	13531 ^a
	2	4	16	0.06	0.125	1	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	2	4	16	0.06	0.125	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	2	4	16	0.06	0.125	1	XXXIV	Deletion of A, H105Y	G120K, A121N	110	7812	13532 ^a
	4	2	8	0.06	0.125	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	7813	13533 ^a
	2	2	16	0.06	0.25	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	2	2	16	0.06	0.25	0.5	XXXIV	Deletion of A, H105Y	G120K, A121N	110	908	1407
	2	2	16	0.06	0.25	1	XXXIV	Deletion of A, H105Y	G120K, A121N	110	7814	13534 ^a

PEN, penicillin G; TET, tetracycline; CIP, ciprofloxacin; CRO, ceftriaxone; CFM, cefixime; AZM, azithromycin.

^aNew sequence types found in this study.