

Supplemental Digital Content 3. Susceptibilities to oral and intravenous antimicrobial agents of *S. pneumoniae* isolates classified by resistance genotype^a (n = 108)

Oral antimicrobial agent and resistance class	MIC (µg/mL)			Intravenous antimicrobial agent and resistance class	MIC (µg/mL)		
	Range	MIC ₅₀	MIC ₉₀		Range	MIC ₅₀	MIC ₉₀
Cefcapene	0.016–8	0.5	1	Cefotaxime	0.008–2	0.25	0.5
gPSSP	0.016	0.016	0.016	gPSSP	0.008–0.016	0.008	0.016
gPISP (<i>pbp2x</i>)	0.125–1	0.25	0.5	gPISP (<i>pbp2x</i>)	0.063–0.25	0.125	0.25
gPISP (<i>pbp1a+2x</i>)	0.5–4	1	4	gPISP (<i>pbp1a+2x</i>)	0.125–1	0.5	1
gPISP (<i>pbp2x+2b</i>)	0.125–1	0.25	1	gPISP (<i>pbp2x+2b</i>)	0.063–0.25	0.25	0.25
gPRSP (<i>pbp1a+2x+2b</i>)	0.5–8	1	1	gPRSP (<i>pbp1a+2x+2b</i>)	0.25–2	0.25	0.5
Cefditoren	0.016–2	0.125	0.5	Ceftriaxone	0.008–1	0.125	0.5
gPSSP	0.016	0.016	0.016	gPSSP	0.008–0.016	0.008	0.008
gPISP (<i>pbp2x</i>)	0.063–0.25	0.125	0.25	gPISP (<i>pbp2x</i>)	0.063–0.25	0.125	0.125
gPISP (<i>pbp1a+2x</i>)	0.125–1	0.5	1	gPISP (<i>pbp1a+2x</i>)	0.125–0.5	0.5	0.5
gPISP (<i>pbp2x+2b</i>)	0.125–0.25	0.25	0.25	gPISP (<i>pbp2x+2b</i>)	0.063–0.25	0.125	0.25
gPRSP (<i>pbp1a+2x+2b</i>)	0.125–2	0.5	0.5	gPRSP (<i>pbp1a+2x+2b</i>)	0.25–1	0.25	0.5
Tebipenem	0.001–0.125	0.004	0.125	Tazobactam / Piperacillin	0.031–4	0.5	4
gPSSP	0.001–0.004	0.002	0.002	gPSSP	0.031	0.031	0.031
gPISP (<i>pbp2x</i>)	0.002–0.004	0.004	0.004	gPISP (<i>pbp2x</i>)	0.063–0.5	0.25	0.5
gPISP (<i>pbp1a+2x</i>)	0.008–0.031	0.016	0.031	gPISP (<i>pbp1a+2x</i>)	0.25–1	0.5	1
gPISP (<i>pbp2x+2b</i>)	0.004–0.031	0.008	0.031	gPISP (<i>pbp2x+2b</i>)	0.5–1	1	1
gPRSP (<i>pbp1a+2x+2b</i>)	0.031–0.125	0.063	0.125	gPRSP (<i>pbp1a+2x+2b</i>)	1–4	4	4
Tosufloxacin	0.25–0.5	0.5	0.5	Meropenem	0.016–1	0.031	1
gPSSP	0.25–0.5	0.5	0.5	gPSSP	0.016–0.031	0.031	0.031
gPISP (<i>pbp2x</i>)	0.25–0.5	0.5	0.5	gPISP (<i>pbp2x</i>)	0.031–0.063	0.031	0.031
gPISP (<i>pbp1a+2x</i>)	0.25–0.5	0.5	0.5	gPISP (<i>pbp1a+2x</i>)	0.063–0.25	0.125	0.25
gPISP (<i>pbp2x+2b</i>)	0.25–0.5	0.25	0.5	gPISP (<i>pbp2x+2b</i>)	0.063–0.25	0.125	0.25
gPRSP (<i>pbp1a+2x+2b</i>)	0.25–0.5	0.5	0.5	gPRSP (<i>pbp1a+2x+2b</i>)	0.5–1	1	1

^a gPSSP indicates possession of 3 normal *pbp* genes, *pbp1a*, *pbp2b*, and *pbp2x*; gPISP (*pbp2x*) indicates 1 abnormal *pbp2x* gene; gPISP (*pbp1a+pbp2x*) indicates 2 abnormal genes, *pbp1a* and *pbp2x*; gPISP (*pbp2x+pbp2b*) indicates 2 abnormal genes, *pbp2x* and *pbp2b*; gPRSP (*pbp1a+pbp2x+pbp2b*) indicates 3 abnormal *pbp* genes. One strain gPISP (*pbp2b*) was omitted.