Table S1. Pneumococcal strains used in the study

Strain	Identifyer	Genotype	Reference	wgs	Fig.a
D39	BHN853	D39, wildtype, Serotype 2, (parental strain for BHN857-BHN860 and BHN870)	Laboratory collection	WGS	
D39-fakB3-mutant_1	BHN857	Spontaneous 2CCA-1 resistant D39 strain isolated after 2 hours exposure to 2CCA-1, includes a mutation in <i>fakB</i> 3	This study	WGS	S3
D39-fakB3-mutant_2	BHN858	Spontaneous 2CCA-1 resistant D39 strain isolated after 2 hours exposure to 2CCA-1, includes a mutation in <i>fakB</i> 3	This study	WGS	
D39-fabT-mutant_1	BHN859	Spontaneous 2CCA-1 resistant D39 strain isolated after 2 hours exposure to 2CCA-1, includes a mutation in <i>fabT</i>	This study	WGS	S2
D39-fakB3-mutant_3	BHN860	Spontaneous 2CCA-1 resistant D39 strain isolated after overnight exposure to 2CCA-1, includes a mutation in <i>fakB</i> 3	This study	WGS	S3
D39-fakB3-mutant_4	BHN870	Spontaneous 2CCA-1 resistant D39 strain isolated after overnight exposure to 2CCA-1, includes a mutation in <i>fakB</i> 3	This study	WGS	
D39∆fakB3::ermB	BHN2024	Strain BHN853 with Orf SPD0646 encoding "FakB3" replaced with an ermB cassette	This study		S3
BHN857∆fakB3::ermB	BHN2025	Strain BHN857 with Orf SPD0646 encoding "FakB3" replaced with an ermB cassette	This study		S3
D39(SPD0645-∇ermB-SP0646)	BHN2027	Strain BHN853 with ermB cassette inserted between fakB3 (SPD0646) and (SPD0645)	This study		S3
BHN857∇fakB3-(SPD0645- ∇ <i>ermB-SP</i> 0646)	BHN2028	Mutant fakB3 allele of BHN857 replaced with a wildtype fakB3 allele and with an ermB cassette inserted between fakB3 (SPD0646) and (SPD0645)	This study		S3
D39∆fakB1::kanR	BHN2030	fakB1 (SPD1388) Orf replaced with a kanamycin resistance cassette	This study		
D39∆fakB2::spcR	BHN2031	fakB2 (SPD0996) Orf replaced with a spectinomycin resistance cassette	This study		
D39∆fakB1::ermB∆fakB2::tetR	BHN1351	fakB1 (SPD1388) Orf replaced with an erythromycin resistance Orf; fakB2 (SPD0996) Orf replaced with a tetracyclin resistance Orf	This study		
D39∆fabT::ermB	BHN2032	Orf SPD0379 encoding "FabT" replaced with an ermB Orf	This study		S2
D39(SPD0379-∇ermB- SPD0380)	BHN2022	ermB Orf inserted between fabT (SPD0379) and fabH (SPD0380)	This study		S2
BHN859∇fabT-(SPD0379- ∇ermB- SPD0380)	BHN2023	Mutant fabT allele of BHN859 replaced with a wildtype fabT allele and with an ermB Orf inserted between fabT (SPD0379) and fabH (SPD0380)	This study		S2
D39∆ <i>lytA::ermB</i>	BHN2042	Orf SPD1737 encoding "LytA" replaced with an ermB cassette	This study		

Strain	Identifyer	Genotype	Reference	wgs	Fig.a
Tigr4 (T4)	BHN842	Tigr4, wildtype, Serotype 4 (parental strain for BHN848-BHN852)	Laboratory collection	WGS	
T4-fabT-mutant_1	BHN848	Spontaneous 2CCA-1 resistant Tigr4 strain isolated after 2 hours exposure to 2CCA-1, includes a mutation in <i>fabT</i>	This study	WGS	S2
T4-fakB3-mutant_1	BHN849	Spontaneous 2CCA-1 resistant Tigr4 strain isolated after 2 hours exposure to 2CCA-1, includes a mutation in <i>fakB3</i>	This study	WGS	
T4-fakB3-mutant_2	BHN850	Spontaneous 2CCA-1 resistant Tigr4 strain isolated after 2 hours exposure to 2CCA-1, includes a mutation in <i>fakB3</i>	This study	WGS	
T4-fakB3-mutant_3	BHN851	Spontaneous 2CCA-1 resistant Tigr4 strain isolated after overnight exposure to 2CCA-1, includes a mutation in <i>fakB3</i>	This study	WGS	
T4-fakB3-mutant_4	BHN852	Spontaneous 2CCA-1 resistant Tigr4 strain isolated after overnight exposure to 2CCA-1, includes a mutation in <i>fakB3</i>	This study	WGS	
T4∆fakB3::ermB	BHN2033	Orf SP0742 encoding "FakB3" replaced with an ermB cassette	This study		S3
T4∆fabT::ermB	BHN2034	Orf SP0416 encoding "FabT" replaced with an ermBOrf	This study		S2
T4(SP0416-∇ermB-SP0417)	BHN2035	ermB Orf inserted between fabT (SP0416) and fabH (SP0417)	This study		S2
BHN848∇fabT-(SP0416-∇ermB- SP0417)	BHN2036	Mutant fabT allele of BHN848 replaced with a wildtype fabT allele and with an ermB Orf inserted between fabT (SP0416) and fabH (SP0417)	This study		S2
T4ΔSP0743::ermB	BHN2037	Orf SP0743 encoding "transcriptional regulator, TetR family", replaced with an ermB cassette	This study		S3
T4ΔSP0741::ermB	BHN2038	Orf SP0741 encodes "NAD(P)/FAD-dependent oxidoreductase", replaced with an ermB cassette	This study		S3
T4ΔS <i>P0740::ermB</i>	BHN2039	Orf SP0740 encodes "MutT/NUDIX family protein", replaced with an ermB cassette	This study		S3
T4ΔSP0740-SP0742::ermB	BHN2040	Orfs SP0740-SP0742 replaced with an ermB cassette	This study		S3

Notes: a) See indicated Supplementary figure for extended information about the strain.