

Familial Transmission of *emm12* Group A *Streptococcus*

Technical Appendix

Table 1. Antimicrobial susceptibility test results of *emm12* Group A *Streptococcus pyogenes* spread by familial transmission*†

Antimicrobial drug	Antimicrobial susceptibility testing (disk diffusion method)‡	
	Case-patient 1	Case-patient 2
Penicillin G	S	S
Ampicillin	S	S
Amoxicillin	S	S
Cefotaxime	S	S
Gentamicin	I	I
Tetracycline	S	S
Levofloxacin	S	S
Erythromycin	S	S
Lincomycin	S	S
Pristinamycin	S	S
Linezolid	S	S
Teicoplanin	S	S
Vancomycin	S	S
Nitrofurantoin	S	S
Rifampin	S	S

*S, susceptible; I, intermediate categorization.

†The 2 strains of *Streptococcus pyogenes* were identified by the hospital laboratories and by the Centre National de Référence des Streptocoques using mass spectrometry.

‡Antimicrobial susceptibility testing and genotyping of the 2 strains were performed simultaneously by the Centre National de Référence des Streptocoques.

Table 2. Strain analysis of *emm12* Group A *Streptococcus pyogenes* spread by familial transmission

Specimen*	Toxins and superantigens genotyping	
	Case-patient 1 <i>emm12</i>	Case-patient 2 <i>emm12</i>
<i>SpeA</i>	Negative	Negative
<i>SpeB</i>	Positive	Positive
<i>SpeC</i>	Positive	Positive
<i>SsA</i>	Negative	Negative
<i>Sic</i>	Negative	Negative
<i>Smez</i>	Positive	Positive

*Protein M genotyping (sequencing of the N terminus variable region of the *emm* gene).