

***Staphylococcus aureus* - NRS140**  
Other designations ( NCTC8325 (RN1389) )

Demographic Information:			
Country/State:	N/A	Date of Isolation:	N/A
Patient Age:	N/A	Gender:	N/A
Patient Location:	N/A	Patient Service:	N/A
Culture Source:			
Phenotypic Properties:	erythromycin resistance, spectinomycin resistance		
Genotypic Properties:	ermB, spc, rsbU-		
Lysotypic Properties:	N/A		
Propagation Information:	any rich medium		
Literature Citation:	Phillips,S., Novick R. P. "Tn554: A repressible site-specific transposon in <i>Staphylococcus aureus</i> ." <i>Nature</i> 1979;278:476-478.		
Comment:	N/A		
Description:	Tn554 is a site-specific, high frequency transposon encoding erythromycin and spectinomycin resistances.		
Repositories:	Research Strains		

S = Susceptible; R = Resistant; NS = Not Susceptible; I =Intermediate; N/A = Not Available P= Pending results

NARSA Antimicrobial Profile for Other Antimicrobial Agents			Molecular Characterization Data	
Drug	MIC <del>(<math>\mu</math>g/mL)</del>	CLSI Interptn	PCR	Result
			<i>mecA</i>	NEGATIVE
Ciprofloxacin	= 0.5	S		
Clindamycin	= 0.06	S		
Erythromycin	> 8	R		
Gentamicin	= 0.5	S		
Linezolid	= 1	S		
Oxacillin	= 0.25	S		
Penicillin	<= 0.03	S		
Quinupristin/dalfopristin	= 0.25	S		
Teicoplanin	= 1	S		
Trimeth/sulfa	<= 0.25/4.75	S		
Vancomycin	= 1	S		

Genotype Data	
Genotype	Result
eGenomic <i>spa</i> type	1
eGenomic <i>spa</i> repeats	YHGFMBQBLO
Ridom <i>spa</i> type	t008
SCC <i>mec</i> type	-
Clonal Complex (CC)	8
Sequence Type (ST)	8
<a href="#">Genotype Data file</a>	