

***Staphylococcus aureus* - NRS139**  
Other designations ( NCTC8325 (RN0981) )

Demographic Information:			
Country/State:	United States	Date of Isolation:	N/A
Patient Age:	N/A	Gender:	N/A
Patient Location:	N/A	Patient Service:	N/A
Culture Source:			
Phenotypic Properties:	slow growth, UV-sensitive, histidine-requiring		
Genotypic Properties:	his-7, uvs-461, recA1, agr+		
Lysotypic Properties:	N/A		
Propagation Information:	any rich medium		
Literature Citation:	Wyman,L., Goering R.V., et al. "Genetic control of chromosomal and plasmid recombination in <i>Staphylococcus aureus</i> ." <i>Genetics</i> 1974;76(4):681-702.		
Comment:	N/A		
Description:	Heavily mutagenized derivative of RN450 with multiple defects.		
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 $\mu\text{g/mL}$ ( <del>mg/ml</del> )	CLSI Interptn	PCR <i>mecA</i>	Result
Ciprofloxacin	= 0.12	S	mecA	NEGATIVE
Clindamycin	= 0.06	S		
Erythromycin	= 0.25	S		
Gentamicin	= 0.25	S		
Linezolid	= 1	S		
Oxacillin	= 0.5	S		
Penicillin	<= 0.06	S		
Quinupristin/dalfopristin	= 0.25	S		
Teicoplanin	= 0.5	S		
Trimeth/sulfa	= 0.5/9.5	S		
Vancomycin	= 1	S		

Genotype Data	
Genotype	Result
eGenomic <i>spa</i> type	59
eGenomic <i>spa</i> repeats	YHGGFMBQBLO
Ridom <i>spa</i> type	t211
SCC <i>mec</i> type	-
Clonal Complex (CC)	8
Sequence Type (ST)	8
<a href="#">Genotype Data file</a>	