

***Staphylococcus aureus* - NRS142**
Other designations (NCTC8325 (RN3763))

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:	Tetracycline resistant		
Genotypic Properties:	rsbU-, tetK, repC		
Lysotypic Properties:	Φ11,Φ12,Φ13		
Propagation Information:	any rich medium supplemented with tetracycline, 10 ug/ml, at 30-32 degrees Celsius		
Literature Citation:	Majumder, S. "Mode of replication of a model <i>Staphylococcus aureus</i> plasmid pT181." Doctoral Dissertation, New York University School of Medicine 1984. Majumder, S., Novick, R.P. "Intermediates in plasmid pT181 DNA replication." Nucl. Acids Res. 1988;16:2897-2912.		
Comment:	N/A		
Description:	pSA0341 has a repC mutation causing thermosensitive plasmid replication, isolated by S.lordanesco.		
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 μg/mL (pg/ml)	CLSI Interptn	PCR	Result
			<i>mecA</i>	NEGATIVE
Ciprofloxacin	= 0.25	S		
Clindamycin	= 0.06	S		
Erythromycin	= 0.5	S		
Gentamicin	= 0.5	S		
Linezolid	= 1	S		
Oxacillin	= 0.25	S		
Penicillin	<= 0.03	S		
Quinupristin/dalfopristin	= 0.25	S		
Teicoplanin	= 1	S		
Tetracycline	> 64	R		
Trimeth/sulfa	<= 0.25/4.75	S		
Vancomycin	= 2	S		

Genotype Data	
Genotype	Result
eGenomic <i>spa</i> type	59
eGenomic <i>spa</i> repeats	YHGGFMBQBLO

Ridom <i>spa</i> type	t211
SCCmec type	-
Clonal Complex (CC)	8
Sequence Type (ST)	8
Genotype Data file	