

***Staphylococcus aureus* - NRS130**  
Other designations ( NCTC8325 (RN2442) )

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
Genotypic Properties:	ermC, rsbU-
Lysotypic Properties:	N/A
Propagation Information:	any rich medium supplemented with erythromycin, 5 ug/ml
Literature Citation:	Horinouchi, S., Weisblum B. "Nucleotide sequence and functional map of pE194, a plasmid that specifies inducible resistance to macrolide, lincosamide, and streptogramin type B antibiotics." J. Bacteriol. 1982;150:804-814. Dubnau, D., Hahn J., et al. "Translational attenuation of ermC: A deletion analysis." Mol. Gen. Genet. 1982;186:204-216.
Comment:	
Description:	pE194 is a 3.8 kb rolling circle plasmid encoding inducible erythromycin resistance.
Repositories:	Antibiotic Resistant Strains (other than Glycopeptide)

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>pg/ml</del> )	CLSI Interptn	PCR <i>mecA</i>	Result
Ciprofloxacin	= 0.5	S		NEGATIVE
Clindamycin	= 0.25	S		
Erythromycin	> 8	R		
Gentamicin	= 0.25	S		
Linezolid	= 1	S		
Oxacillin	= 0.12	S		
Penicillin	<= 0.03	S		
Quinupristin/dalfopristin	= 0.25	S		
Teicoplanin	= 0.5	S		
Trimeth/sulfa	<= 0.25/4.75	S		
Vancomycin	= 1	S		

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

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