

***Staphylococcus aureus* - NRS150**
Other designations (NCTC8325 (RN6709))

| 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: | Chloramphenicol resistance | | |
| Genotypic Properties: | cat, rsbU-, agr- | | |
| Lysotypic Properties: | N/A | | |
| Propagation Information: | any rich medium supplemented with chloramphenicol, 5ug/ml | | |
| Literature Citation: | Novick, R.P. Genetic systems in staphylococci. Methods in Enzymology (Bacterial Genetics). J. Miller. Orlando, Florida, Academic Press, 1991;204:587-636. | | |
| Comment: | N/A | | |
| Description: | pRN5543 is a derivative of pC194 with the pUC19 multiple cloning site at the HindIII site, one HindIII site eliminated. | | |
| 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 <i>mecA</i> | Result |
| Chloramphenicol | = 64 | R | NEGATIVE | |
| Ciprofloxacin | = 0.5 | S | | |
| Clindamycin | = 0.06 | S | | |
| Erythromycin | = 0.25 | S | | |
| Gentamicin | = 0.5 | S | | |
| Linezolid | = 2 | S | | |
| Oxacillin | = 0.25 | 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 |
| Ridom <i>spa</i> type | t211 |

| | |
|------------------------------------|---|
| SCC<i>mec</i> type | - |
| Clonal Complex (CC) | 8 |
| Sequence Type (ST) | 8 |
| Genotype Data file | |
| | |
| | |