

Patient: [REDACTED]  
 DOB: [REDACTED] Age: [REDACTED] Gender: [REDACTED]  
 Patient Identifiers: [REDACTED]  
 Visit Number (FIN): [REDACTED]

Client: [REDACTED]  
 Physician: [REDACTED]

ARUP Test Code: 0060182  
 Collection Date: 11/08/2016  
 Received in lab: 11/24/2016  
 Completion Date: 12/02/2016

**Results and Interpretation**

Clinical Information: Three isolates of Staphylococcus epidermidis.

Lane	Isolate
1	lambda phage size marker ladder (48.5 kb concatemers)
2	Control
3	16STOMC3130003 (10169460) 11/8/16
4	16STOMC3130004 (10169461) 11/8/16
5	16SMH322MI0155 (10223130) 11/17/16

RESULTS: Genomic analysis was performed by pulsed-field gel electrophoresis following restriction digest using SmaI.

The isolates tested differ by  $\geq 7$  bands. See attached photograph.

It is recommended that the results of strain characterization of epidemiologically associated bacteria be interpreted by an investigator familiar with the outbreak investigation and knowledgeable about the limitations of typing procedures. There are currently no standardized guidelines for pulsed-field gel electrophoresis band pattern interpretation.

The following non-standardized guidelines may be used to assist in report interpretation:

Category	Band Differences	Epidemiological Interpretation
Indistinguishable	0	Part of the outbreak
Closely related	2-3	Probably part of the outbreak
Possibly related	4-6	Possibly part of the outbreak
Different	$\geq 7$	Not part of the outbreak

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: [www.aruplab.com/CS](http://www.aruplab.com/CS)

**See attached Pulsed-Field Gel Electrophoresis Patterns image on following page.**

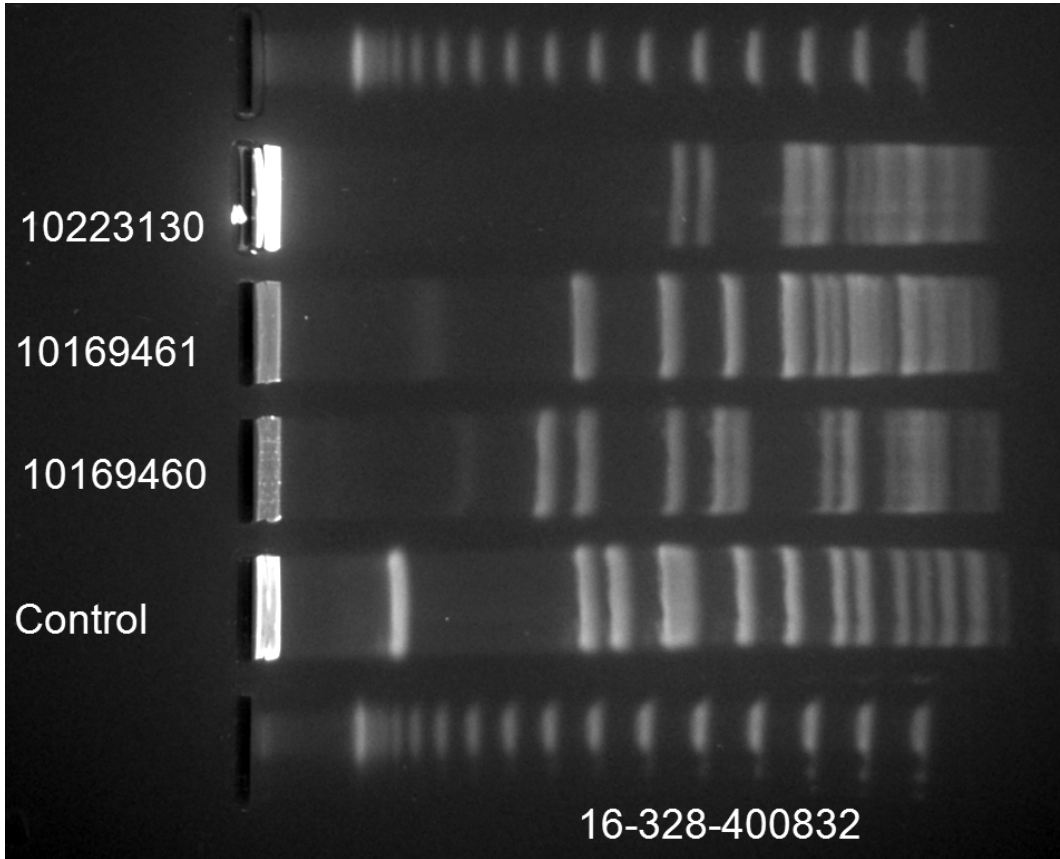


Patient: [REDACTED]  
 ARUP Accession: 16-328-400832

# Bacterial Strain Characterization by Pulsed-Field Gel Electrophoresis

Patient: [redacted] | Date of Birth: [redacted] | Gender: [redacted] | Physician: [redacted]  
Patient Identifiers: [redacted] | Visit Number (FIN): [redacted]

## Pulsed-Field Gel Electrophoresis Patterns



Patient: [redacted]  
ARUP Accession: 16-328-400832