

1940 NICU Patients
2008 - 2010

Colonization Risk
Factor Analysis

A

Clinical Isolates (n=11)
Excluded

Colonizations
(n=177)

spa-typed (n=100)

spa-type Risk Factor
Analysis

B

spa-type t008 (n=54)

spa-type t045 (n=22)

Other spa-types (n=24)

Non-t008 spa-types

C

Whole-genome
sequenced (n=40)

Whole-genome
sequenced (n=16)

WGS
Comparison
2008 - 2010

D

+

Historical t008
NICU Isolates
(n=6)

+

Historical t045
NICU Isolates
(n=22)

Phylogenetic
Analysis – NICU
2003 - 2011

E

+

Healthcare-
network t008
Isolates (n=51)

Phylogenetic
Analysis –
Healthcare-network
2003 - 2011