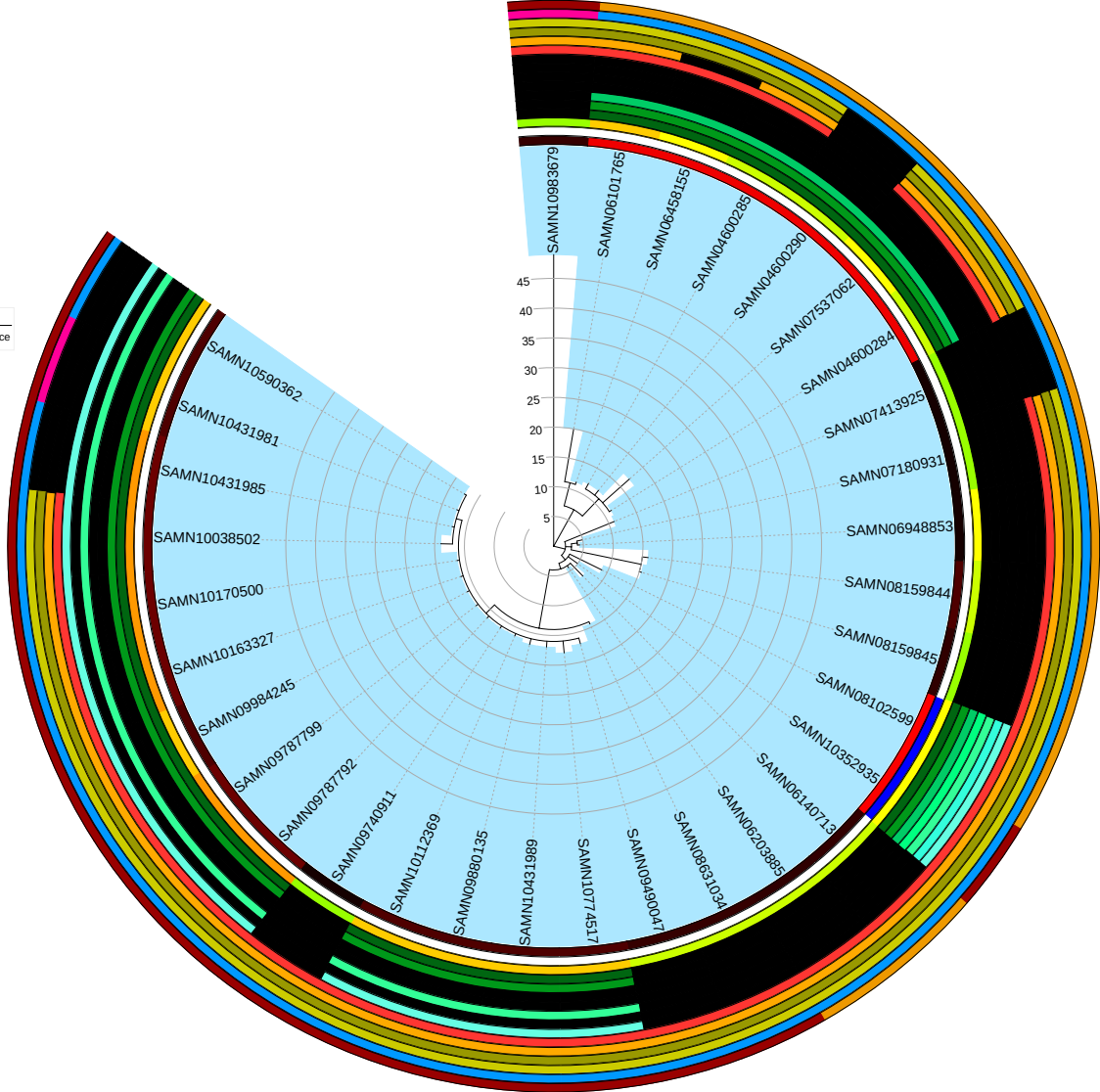
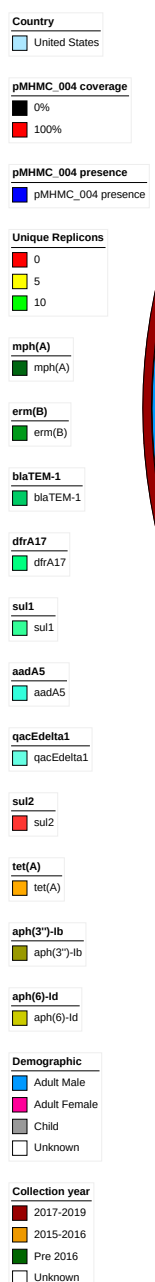


Tree scale: 10



PDS000004492.71

Tree scale: 1 ⇄

Country

United States

pMHMC_004 coverage

0%

100%

pMHMC_004 presence

pMHMC_004 presence

Unique Replicons

0

5

10

mph(A)

mph(A)

erm(B)

erm(B)

blaTEM-1

blaTEM-1

dfrA17

dfrA17

sul1

sul1

aadA5

aadA5

qacEdelta1

qacEdelta1

sul2

sul2

tet(A)

tet(A)

aph(3'')-Ib

aph(3'')-Ib

aph(6)-Id

aph(6)-Id

Demographic

Adult Male

Adult Female

Child

Unknown

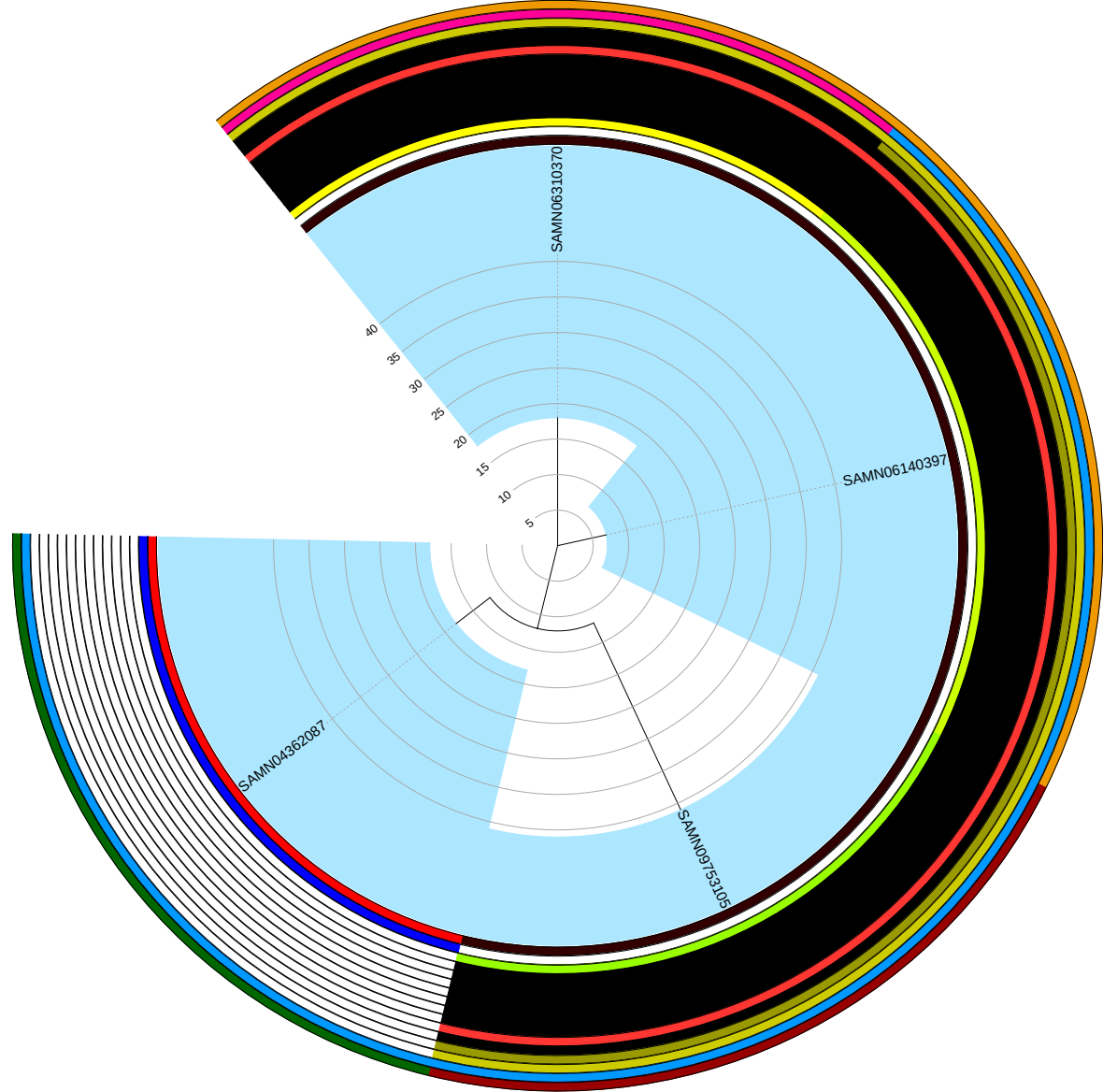
Collection year

2017-2019

2015-2016

Pre 2016

Unknown



PDS000004894.5

Tree scale: 1

Country

- United States

pMHMC_004 coverage

- 0%
- 100%

pMHMC_004 presence

- pMHMC_004 presence

Unique Replicons

- 0
- 5
- 10

mph(A)

- mph(A)

erm(B)

- erm(B)

blaTEM-1

- blaTEM-1

dfrA17

- dfrA17

sul1

- sul1

aadA5

- aadA5

qacEdelta1

- qacEdelta1

sul2

- sul2

tet(A)

- tet(A)

aph(3⁺)-Ib

- aph(3⁺)-Ib

aph(6)-Id

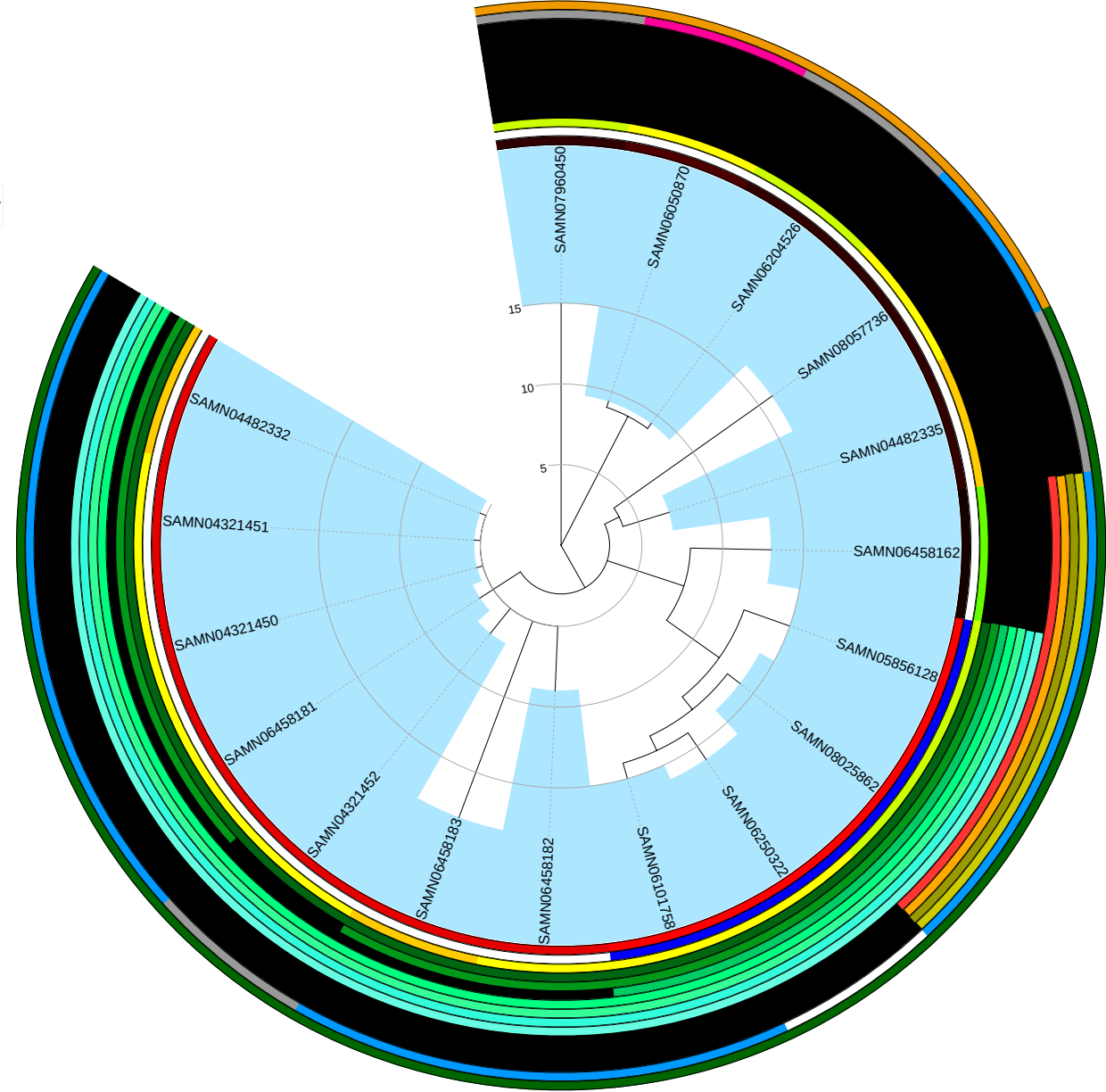
- aph(6)-Id

Demographic

- Adult Male
- Adult Female
- Child
- Unknown

Collection year

- 2017-2019
- 2015-2016
- Pre 2016
- Unknown



PDS000004902.34

Tree scale: 1

Country

United States

pMHMC_004 coverage

0%

100%

pMHMC_004 presence

pMHMC_004 presence

mph(A)

mph(A)

erm(B)

erm(B)

blaTEM-1

blaTEM-1

dfrA17

dfrA17

sul1

sul1

aadA5

aadA5

qacEdelta1

qacEdelta1

sul2

sul2

tet(A)

tet(A)

aph(3')-Ib

aph(3')-Ib

aph(6)-Id

aph(6)-Id

Demographic

Adult Male

Adult Female

Child

Unknown

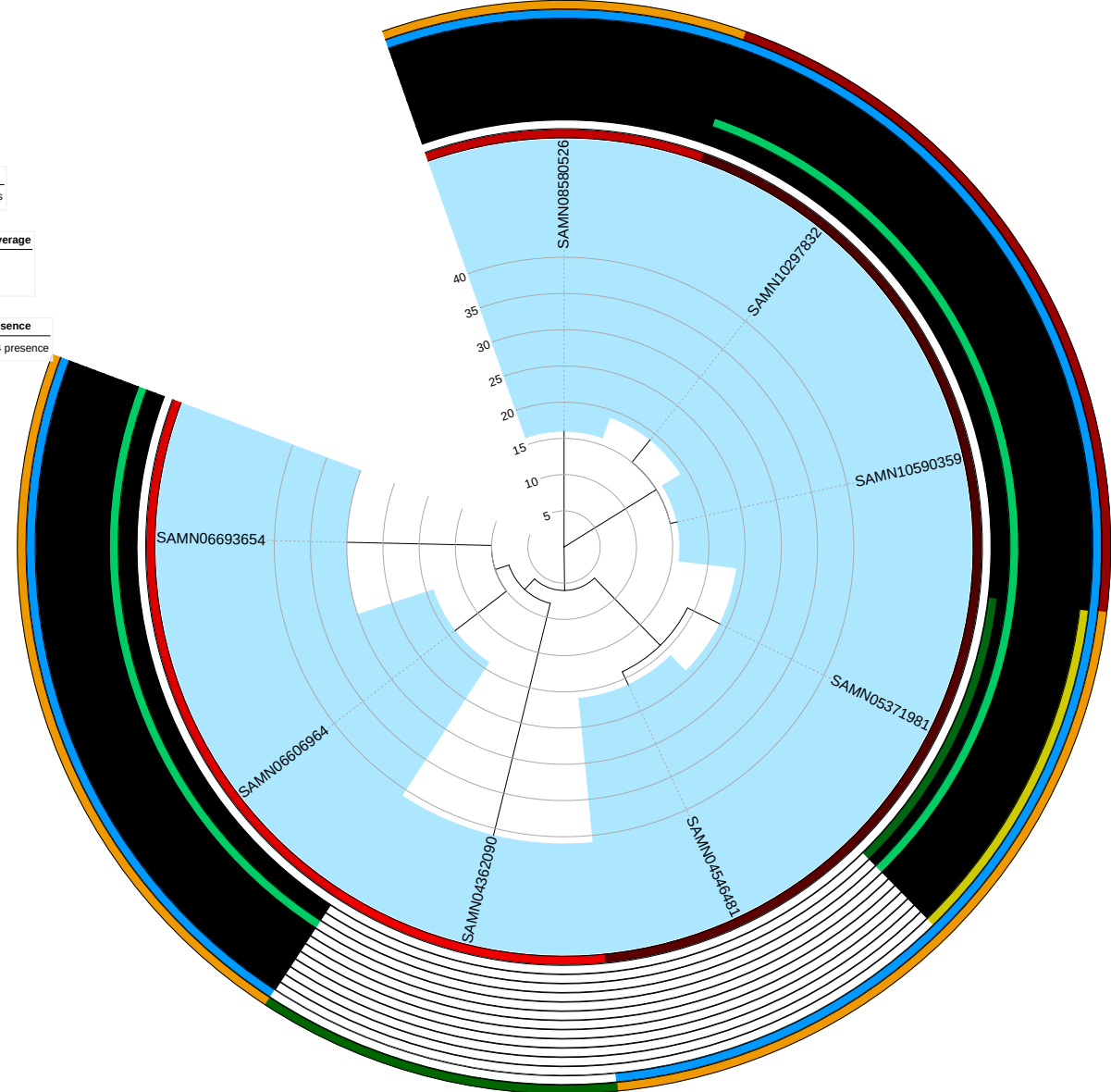
Collection year

2017-2019

2015-2016

Pre 2016

Unknown



Tree scale: 10

Country

United States

pMHMC_004 coverage

0%
100%

pMHMC_004 presence

pMHMC_004 presence

Unique Replicons

0
5
10

mph(A)

mph(A)

erm(B)

erm(B)

blaTEM-1

blaTEM-1

dfrA17

dfrA17

sul1

sul1

aadA5

aadA5

qacEdelta1

qacEdelta1

sul2

sul2

tet(A)

tet(A)

aph(3'')-Ib

aph(3'')-Ib

aph(6)-Id

aph(6)-Id

Demographic

Adult Male

Adult Female

Child

Unknown

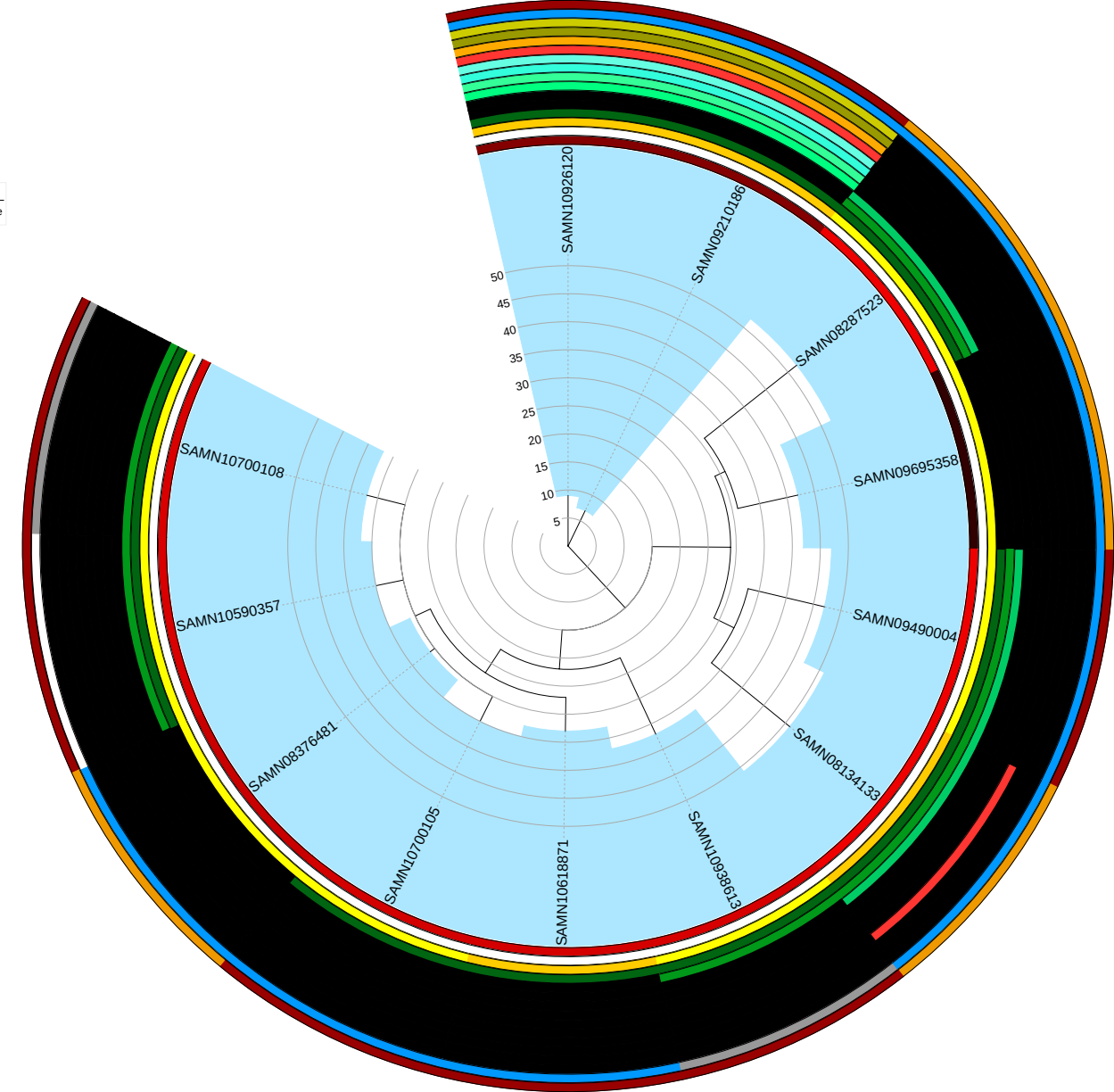
Collection year

2017-2019

2015-2016

Pre 2016

Unknown



PDS000006025.53

Tree scale: 1

Country

- United States
- Other or none

pMHMC_004 coverage

- 0%
- 100%

pMHMC_004 presence

- pMHMC_004 presence

Unique Replicons

- 0
- 5
- 10

mph(A)

- mph(A)

erm(B)

- erm(B)

blaTEM-1

- blaTEM-1

dfrA17

- dfrA17

sul1

- sul1

aadA5

- aadA5

qacEdelta1

- qacEdelta1

sul2

- sul2

tet(A)

- tet(A)

aph(3)-Ib

- aph(3)-Ib

aph(6)-Id

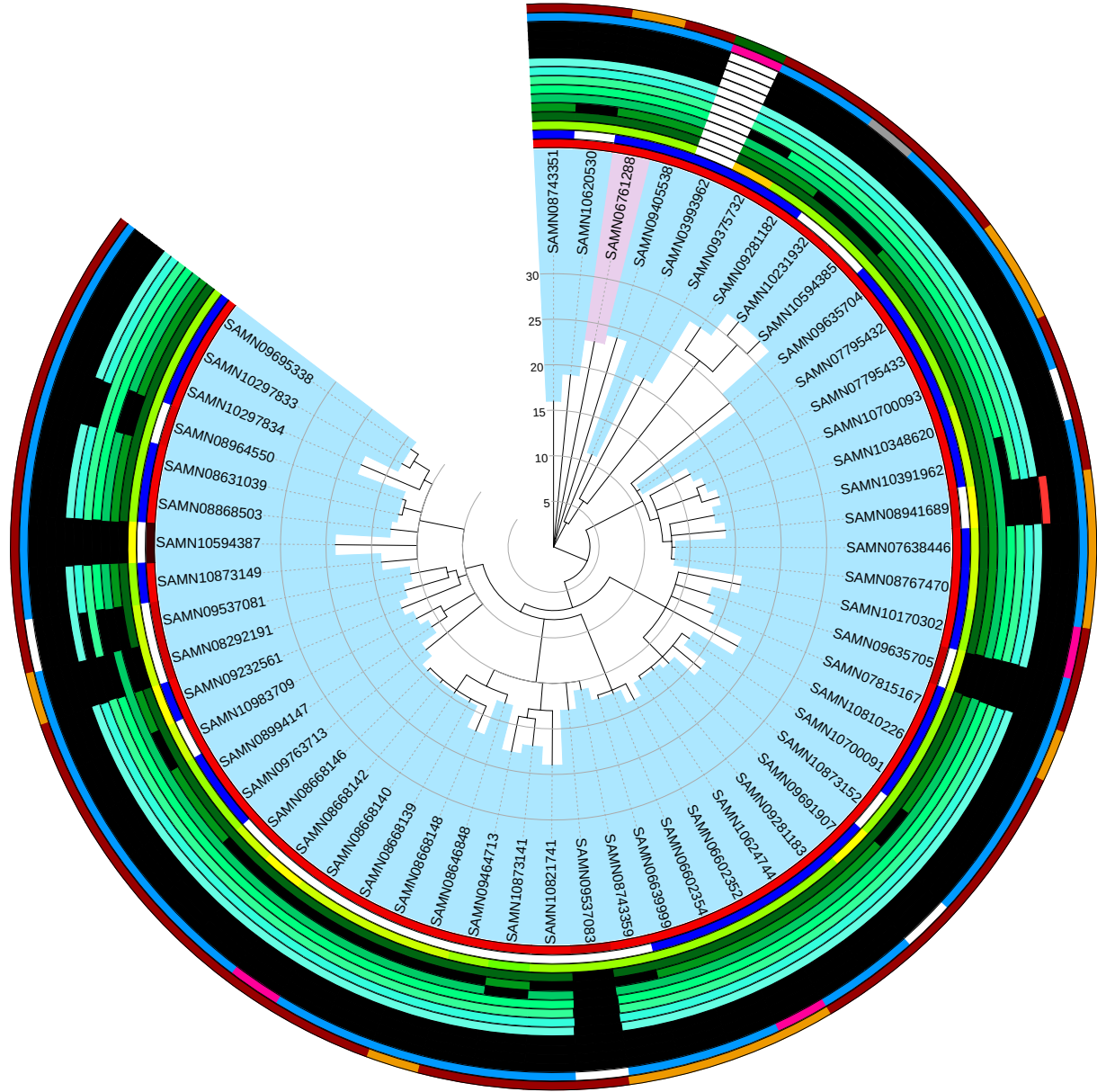
- aph(6)-Id

Demographic

- Adult Male
- Adult Female
- Child
- Unknown

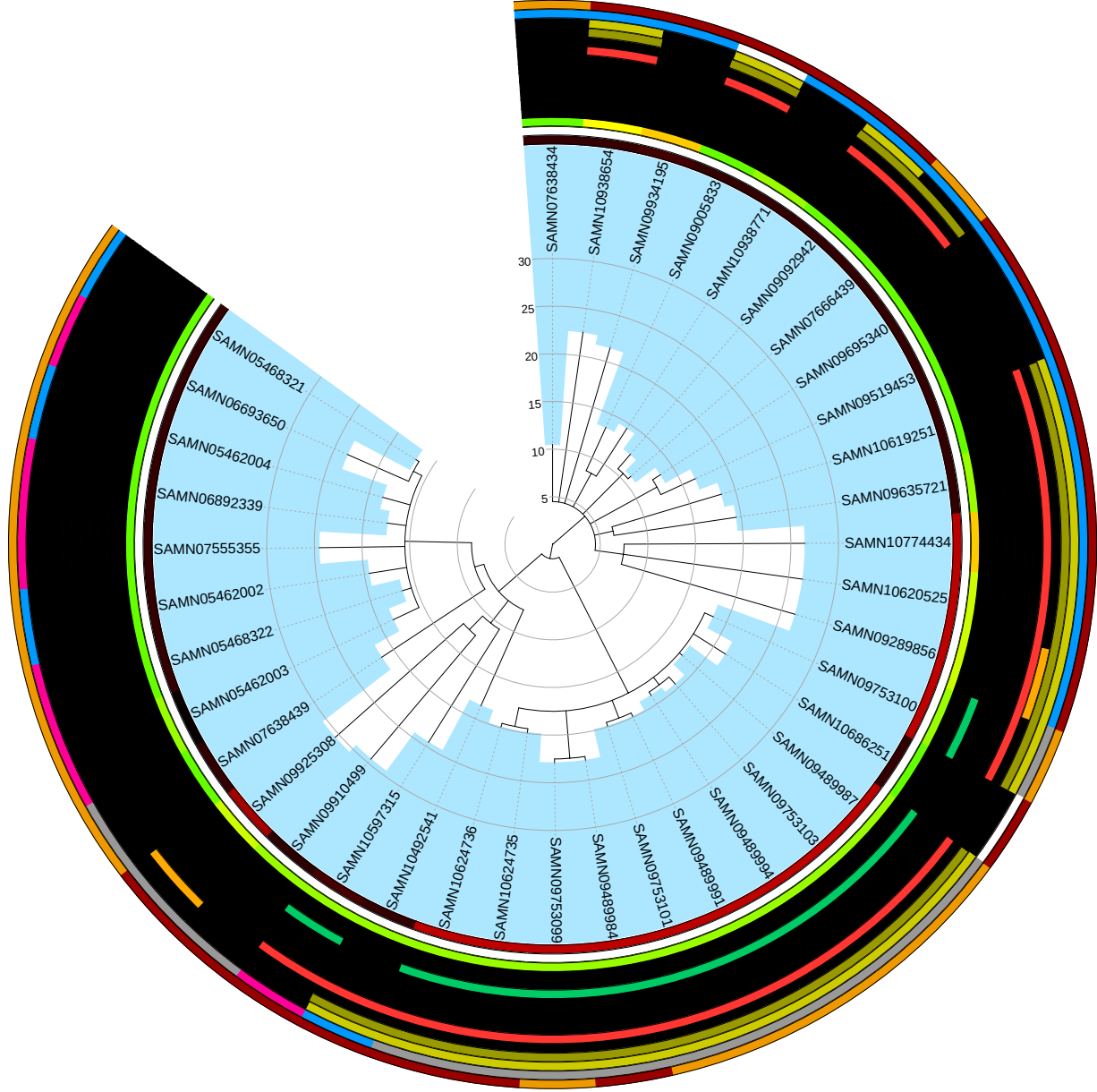
Collection year

- 2017-2019
- 2015-2016
- Pre 2016
- Unknown



PDS000006028.122

Tree scale: 1



PDS000007367.47

Tree scale: 1

Country

- United States
- Other or none

pMHMC_004 coverage

- 0%
- 100%

pMHMC_004 presence

- pMHMC_004 presence

Unique Replicons

- 0
- 5
- 10

mph(A)

- mph(A)

erm(B)

- erm(B)

blaTEM-1

- blaTEM-1

dfrA17

- dfrA17

sul1

- sul1

aadA5

- aadA5

qacEdelta1

- qacEdelta1

sul2

- sul2

tet(A)

- tet(A)

aph(3')-Ib

- aph(3')-Ib

aph(6)-Id

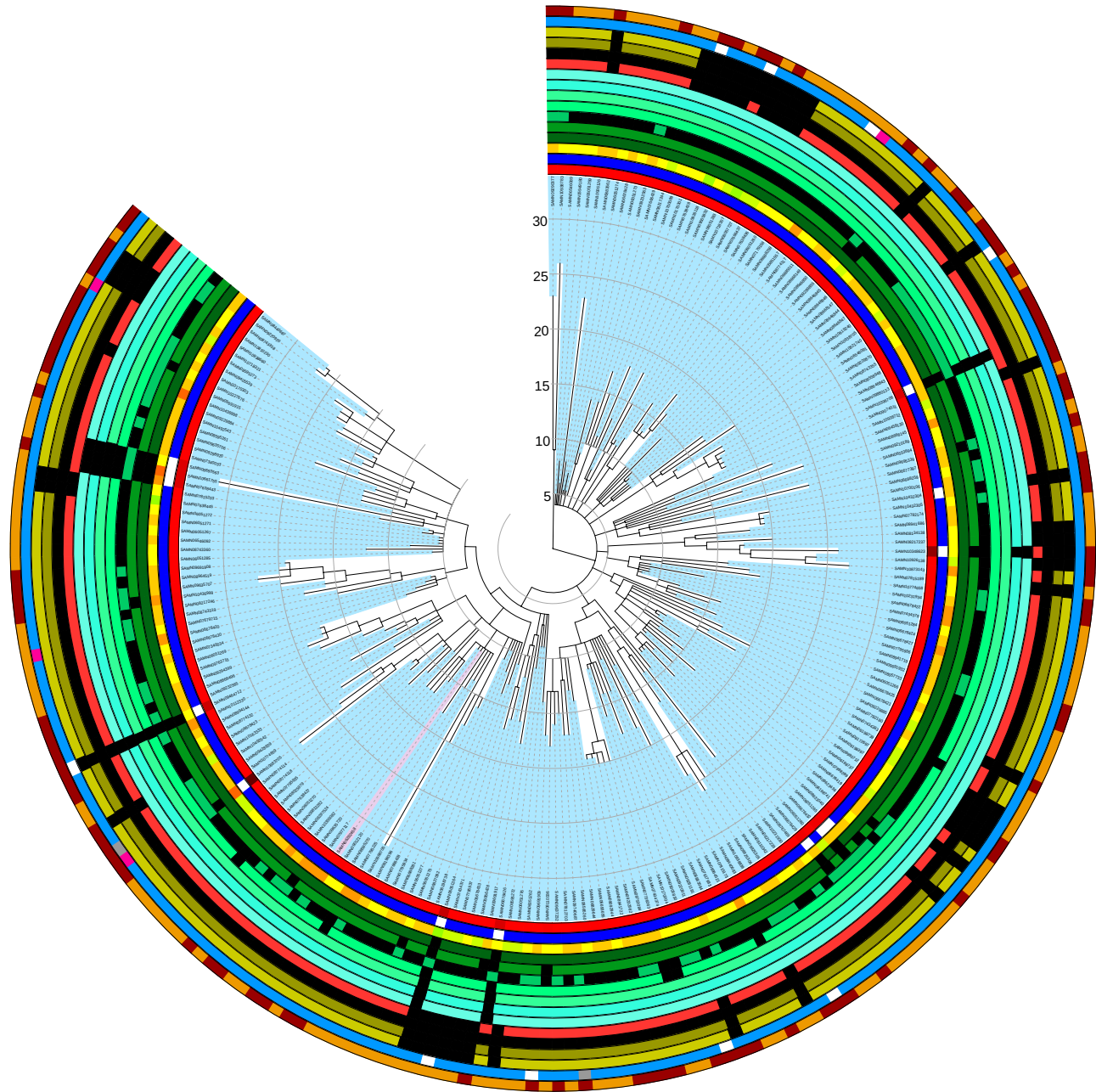
- aph(6)-Id

Demographic

- Adult Male
- Adult Female
- Child
- Unknown

Collection year

- 2017-2019
- 2015-2016
- Pre 2016
- Unknown



PDS000007822.142

Tree scale: 1

Country

United States

pMHMC_004 coverage

0%

100%

pMHMC_004 presence

pMHMC_004 presence

Unique Replicons

0

5

10

mph(A)

mph(A)

erm(B)

erm(B)

blaTEM-1

blaTEM-1

dfrA17

dfrA17

sul1

sul1

aadA5

aadA5

qacEdelta1

qacEdelta1

sul2

sul2

tet(A)

tet(A)

aph(3')-Ib

aph(3')-Ib

aph(6)-Id

aph(6)-Id

Demographic

Adult Male

Adult Female

Child

Unknown

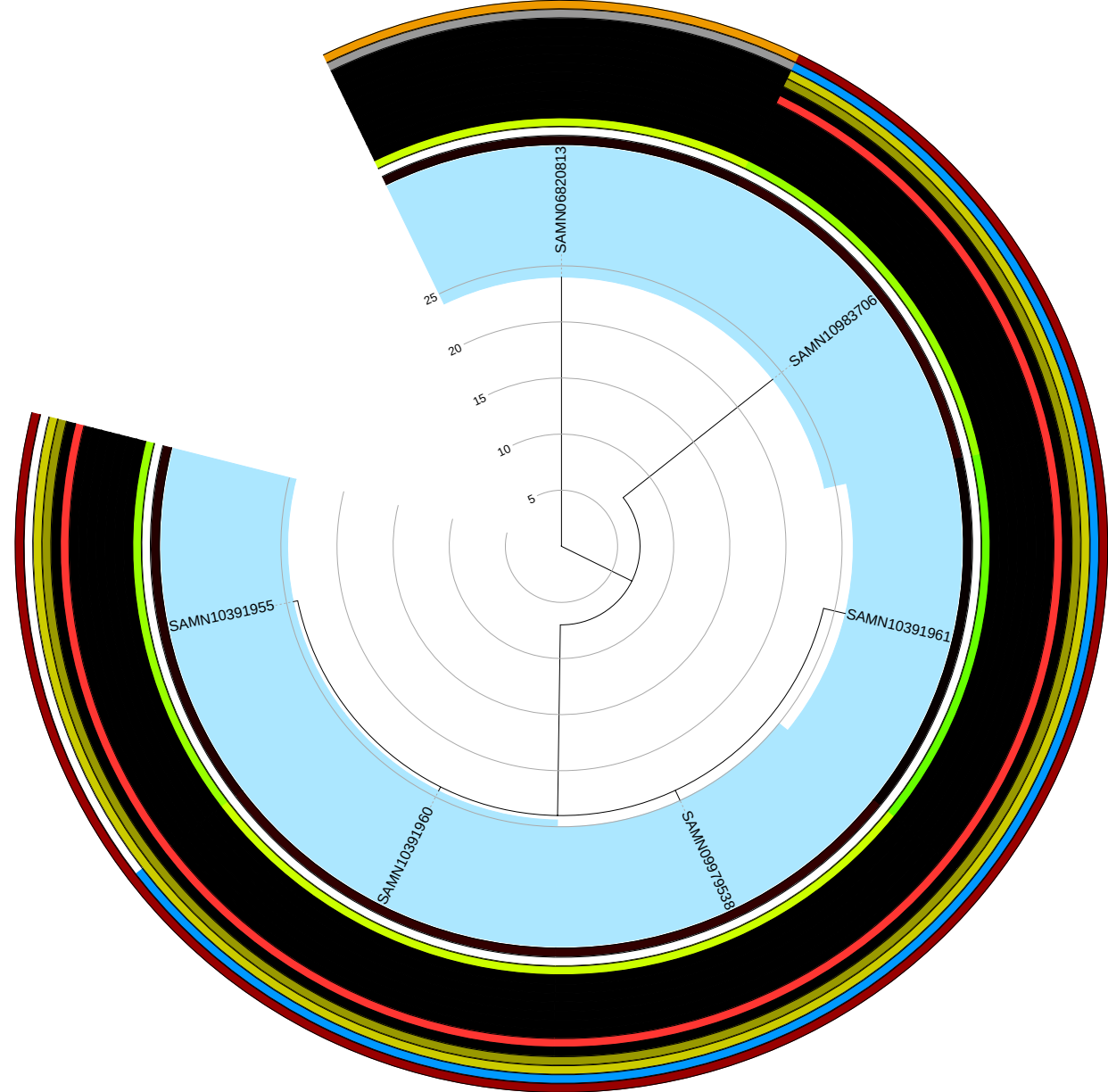
Collection year

2017-2019

2015-2016

Pre 2016

Unknown



PDS000008718.35

Tree scale: 1

Country
United States

pMHMC_004 coverage
0%
100%

pMHMC_004 presence
pMHMC_004 presence

Unique Replicons
0
5
10

mph(A)
mph(A)

erm(B)
erm(B)

blaTEM-1
blaTEM-1

dfrA17
dfrA17

sul1
sul1

aadA5
aadA5

qacEdelta1
qacEdelta1

sul2
sul2

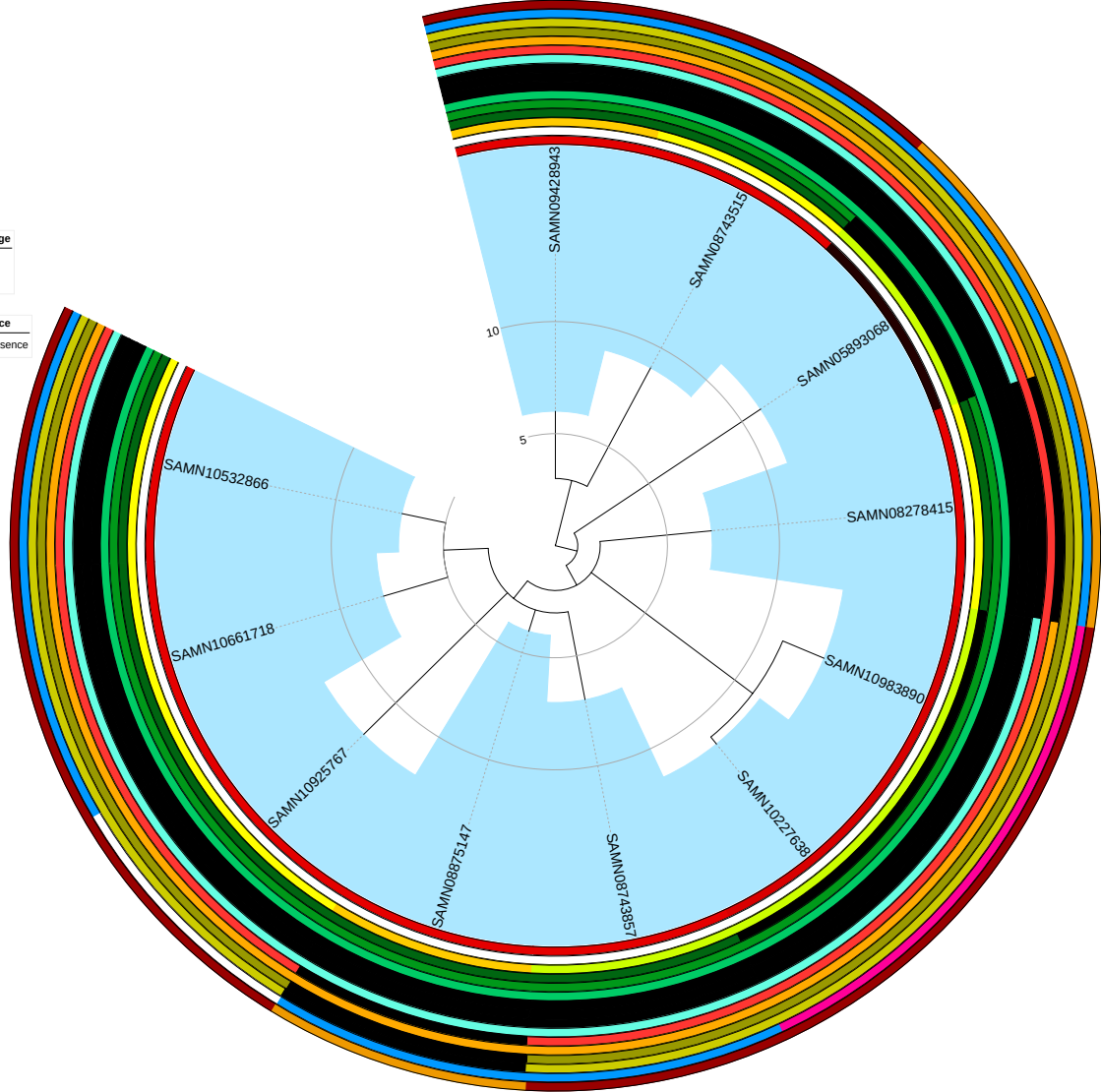
tet(A)
tet(A)

aph(3⁺)-Ib
aph(3⁺)-Ib

aph(6)-Id
aph(6)-Id

Demographic
Adult Male
Adult Female
Child
Unknown

Collection year
2017-2019
2015-2016
Pre 2016
Unknown



PDS000008808.21

Tree scale: 10

Country
United States

pMHMC_004 coverage
0%
100%

pMHMC_004 presence
pMHMC_004 presence

Unique Replicons
0
5
10

mph(A)
mph(A)

erm(B)
erm(B)

blaTEM-1
blaTEM-1

dfrA17
dfrA17

sul1
sul1

aadA5
aadA5

qacEdelta1
qacEdelta1

sul2
sul2

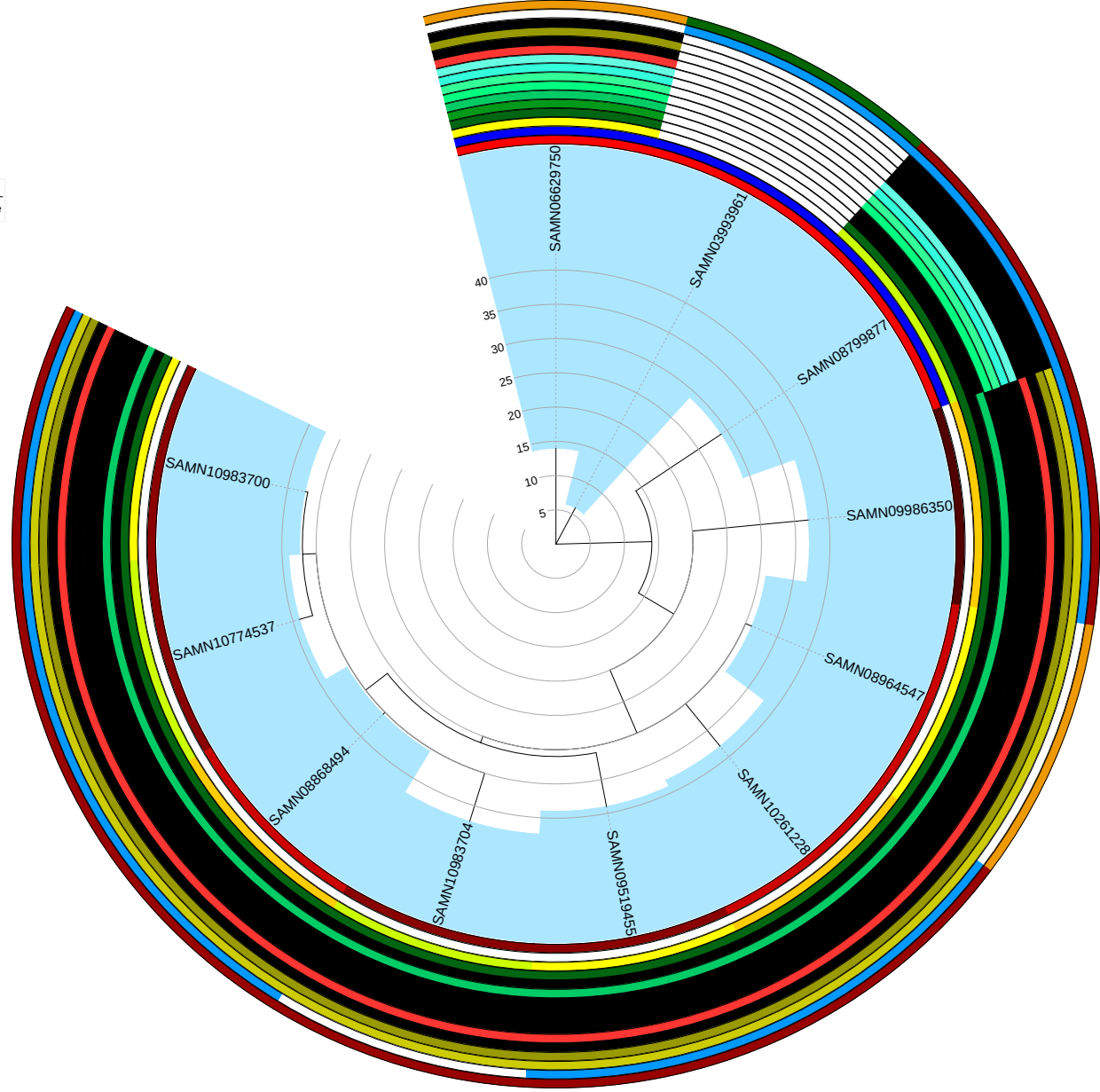
tet(A)
tet(A)

aph(3⁺)-Ib
aph(3⁺)-Ib

aph(6)-Id
aph(6)-Id

Demographic
Adult Male
Adult Female
Child
Unknown

Collection year
2017-2019
2015-2016
Pre 2016
Unknown



PDS000012064.15

Tree scale: 1

Country

United States

pMHMC_004 coverage

0%

100%

pMHMC_004 presence

pMHMC_004 presence

Unique Replicons

0

5

10

mph(A)

mph(A)

erm(B)

erm(B)

blaTEM-1

blaTEM-1

dfrA17

dfrA17

sul1

sul1

aadA5

aadA5

qacEdelta1

qacEdelta1

sul2

sul2

tet(A)

tet(A)

aph(3⁺)-Ib

aph(3⁺)-Ib

aph(6)-Id

aph(6)-Id

Demographic

Adult Male

Adult Female

Child

Unknown

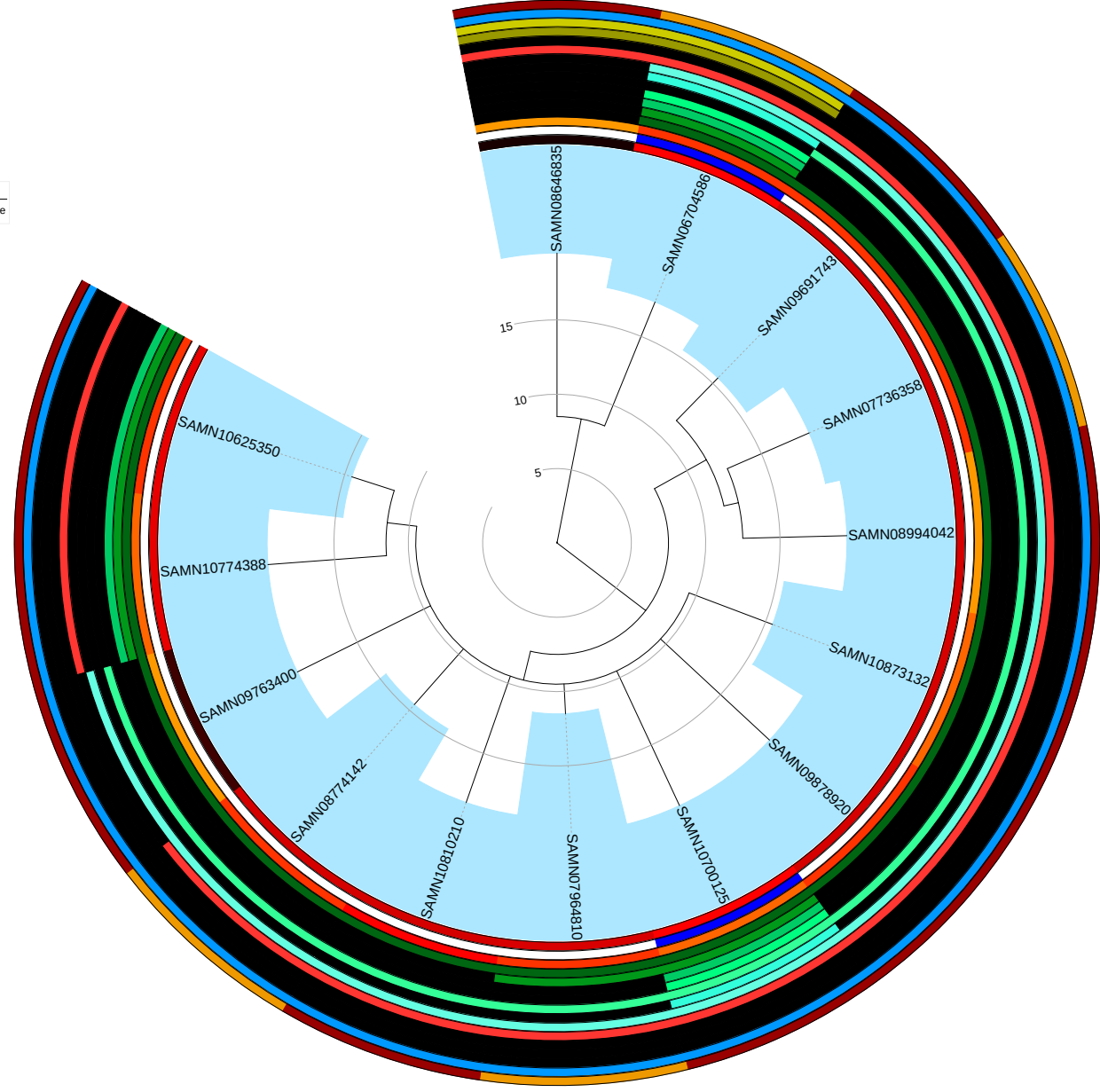
Collection year

2017-2019

2015-2016

Pre 2016

Unknown



PDS000012316.21

Tree scale: 1 ↔

Country

United States

pMHMC_004 coverage

0%
100%

pMHMC_004 presence

pMHMC_004 presence

Unique Replicons

0
5
10

mph(A)

mph(A)

erm(B)

erm(B)

blaTEM-1

blaTEM-1

dfrA17

dfrA17

sul1

sul1

aadA5

aadA5

qacEdelta1

qacEdelta1

sul2

sul2

tet(A)

tet(A)

aph(3⁺)-Ib

aph(3⁺)-Ib

aph(6)-Id

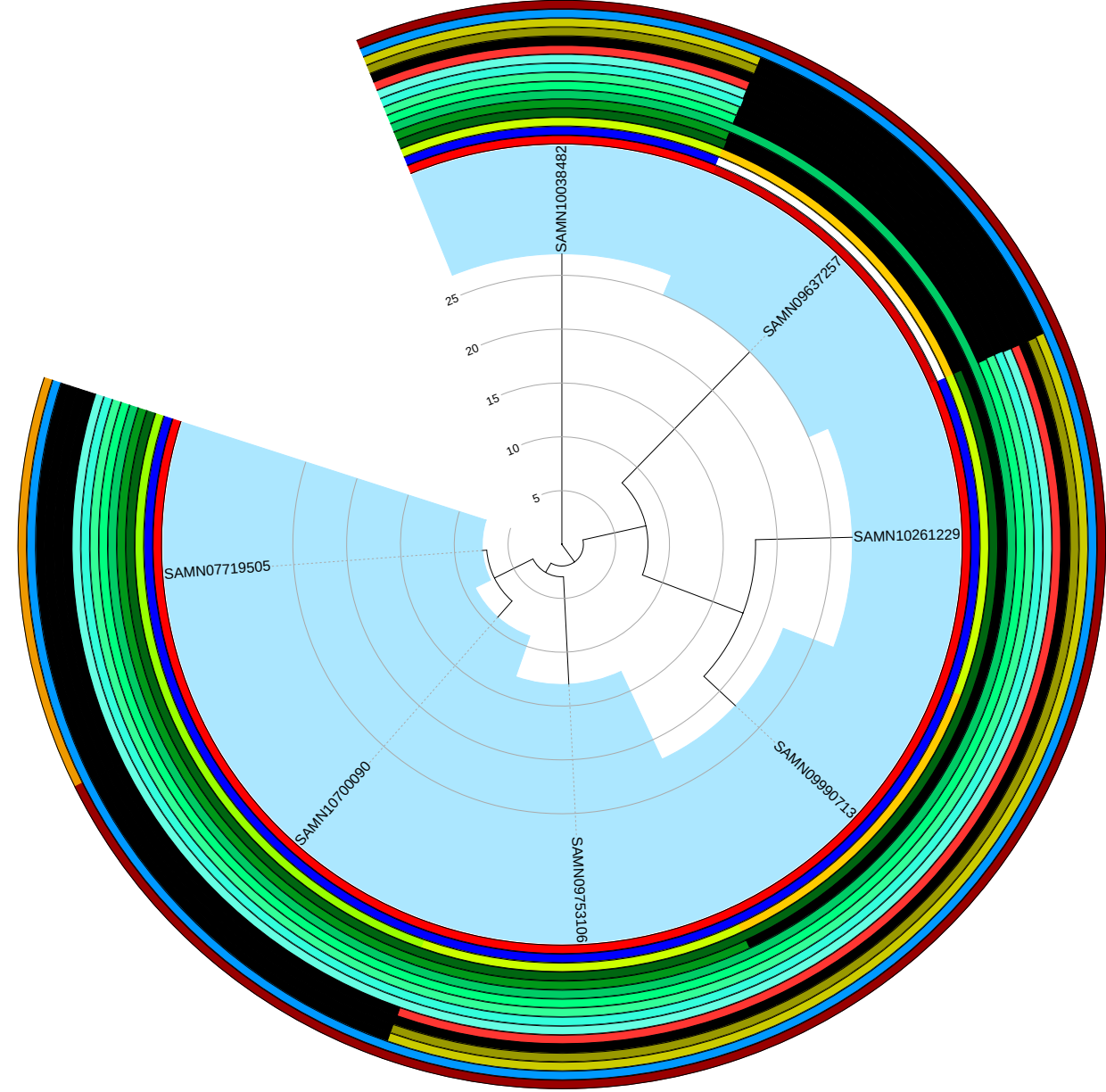
aph(6)-Id

Demographic

Adult Male
Adult Female
Child
Unknown

Collection year

2017-2019
2015-2016
Pre 2016
Unknown



PDS000024112.9

Tree scale: 10

Country

- United States
- Other or none

pMHMC_004 coverage

- 0%
- 100%

pMHMC_004 presence

- pMHMC_004 presence

Unique Replicons

- 0
- 5
- 10

mph(A)

- mph(A)

erm(B)

- erm(B)

blaTEM-1

- blaTEM-1

dfrA17

- dfrA17

sul1

- sul1

aadA5

- aadA5

qacEdelta1

- qacEdelta1

sul2

- sul2

tet(A)

- tet(A)

aph(3'')-Ib

- aph(3'')-Ib

aph(6)-Id

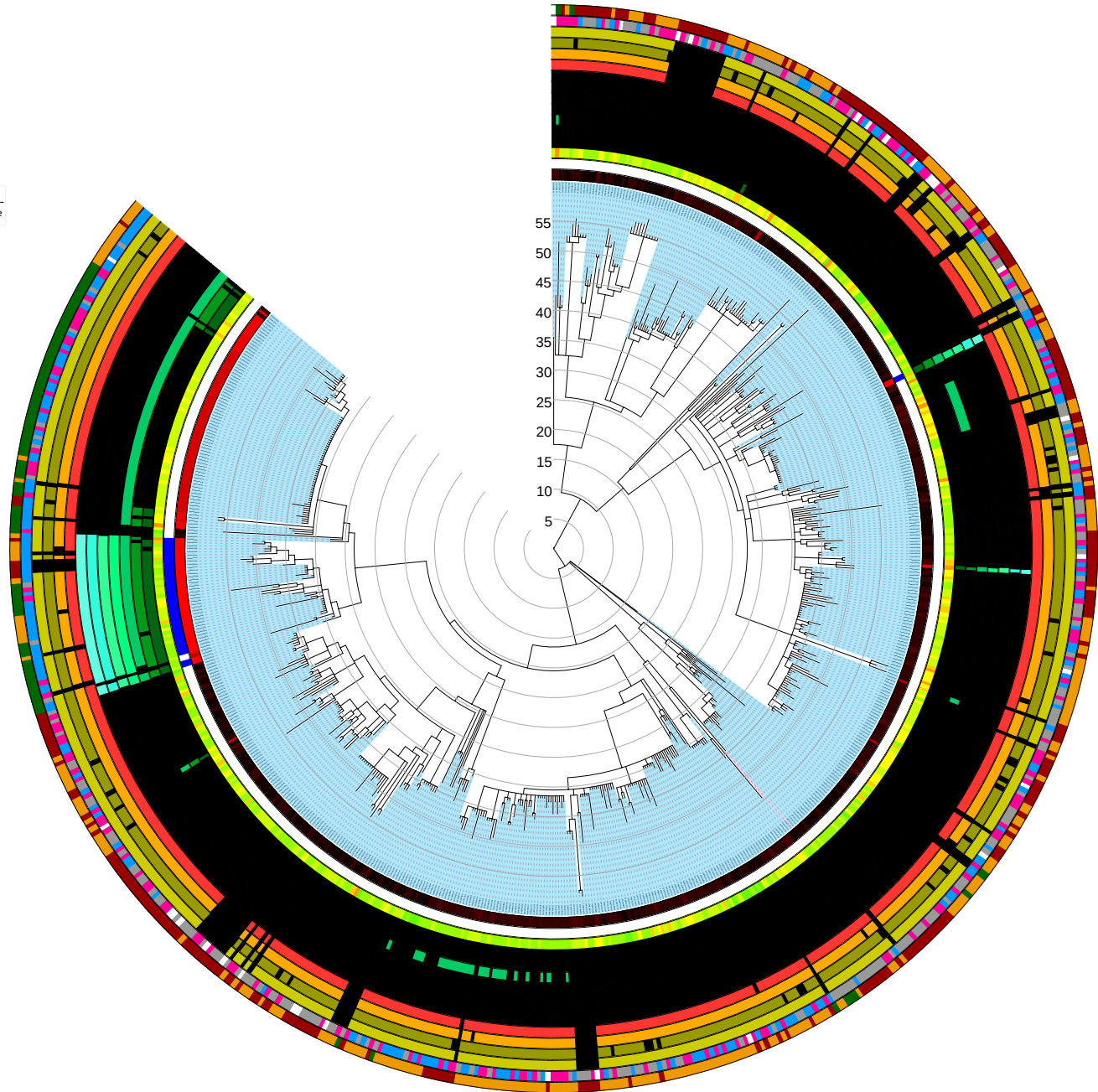
- aph(6)-Id

Demographic

- Adult Male
- Adult Female
- Child
- Unknown

Collection year

- 2017-2019
- 2015-2016
- Pre 2016
- Unknown



PDS000033340.81

Tree scale: 1

Country

- United States
- Other or none

pMHMC_004 coverage

- 0%
- 100%

pMHMC_004 presence

- pMHMC_004 presence

Unique Replicons

- 0
- 5
- 10

mph(A)

- mph(A)

erm(B)

- erm(B)

blaTEM-1

- blaTEM-1

dfiA17

- dfiA17

sul1

- sul1

aadA5

- aadA5

qacEdelta1

- qacEdelta1

sul2

- sul2

tet(A)

- tet(A)

aph(3'')-Ib

- aph(3'')-Ib

aph(6)-Id

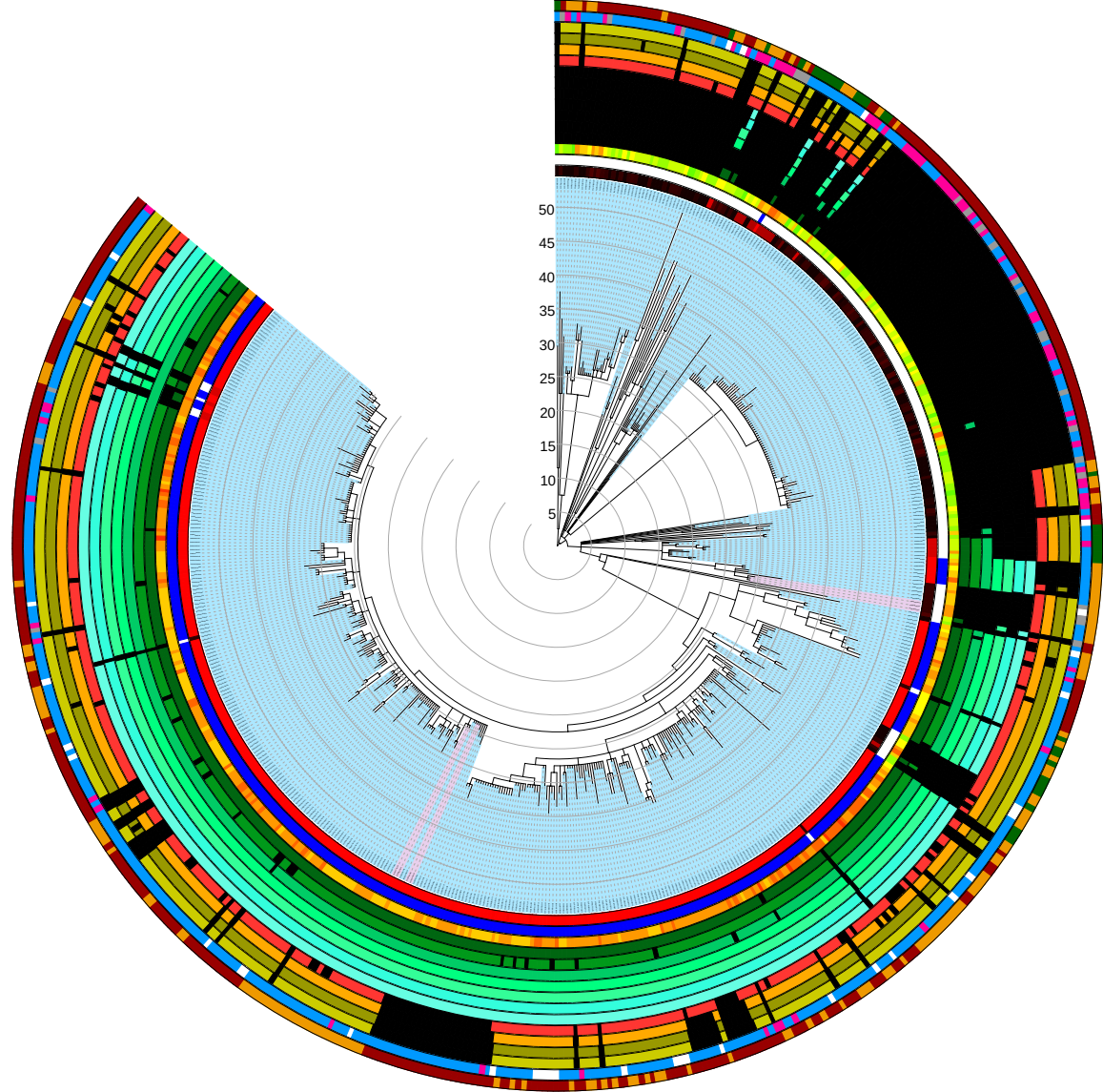
- aph(6)-Id

Demographic

- Adult Male
- Adult Female
- Child
- Unknown

Collection year

- 2017-2019
- 2015-2016
- Pre 2016
- Unknown



PDS000033428.133

Tree scale: 1

Country
United States

pMHMC_004 coverage
0%
100%

pMHMC_004 presence
pMHMC_004 presence

Unique Replicons
0
5
10

mph(A)
mph(A)

erm(B)
erm(B)

blaTEM-1
blaTEM-1

dfrA17
dfrA17

sul1
sul1

aadA5
aadA5

qacEdelta1
qacEdelta1

sul2
sul2

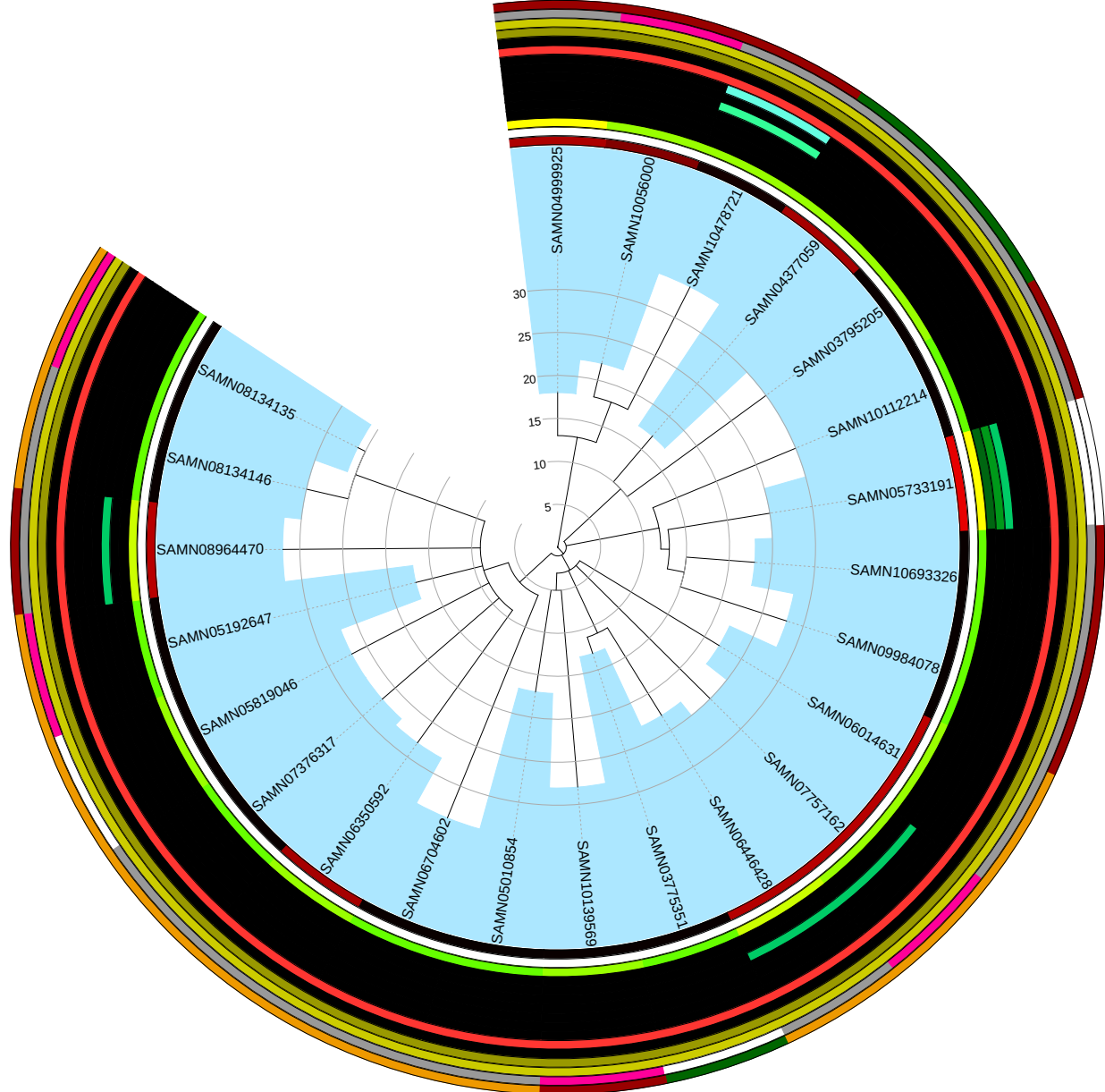
tet(A)
tet(A)

aph(3⁺)-Ib
aph(3⁺)-Ib

aph(6)-Id
aph(6)-Id

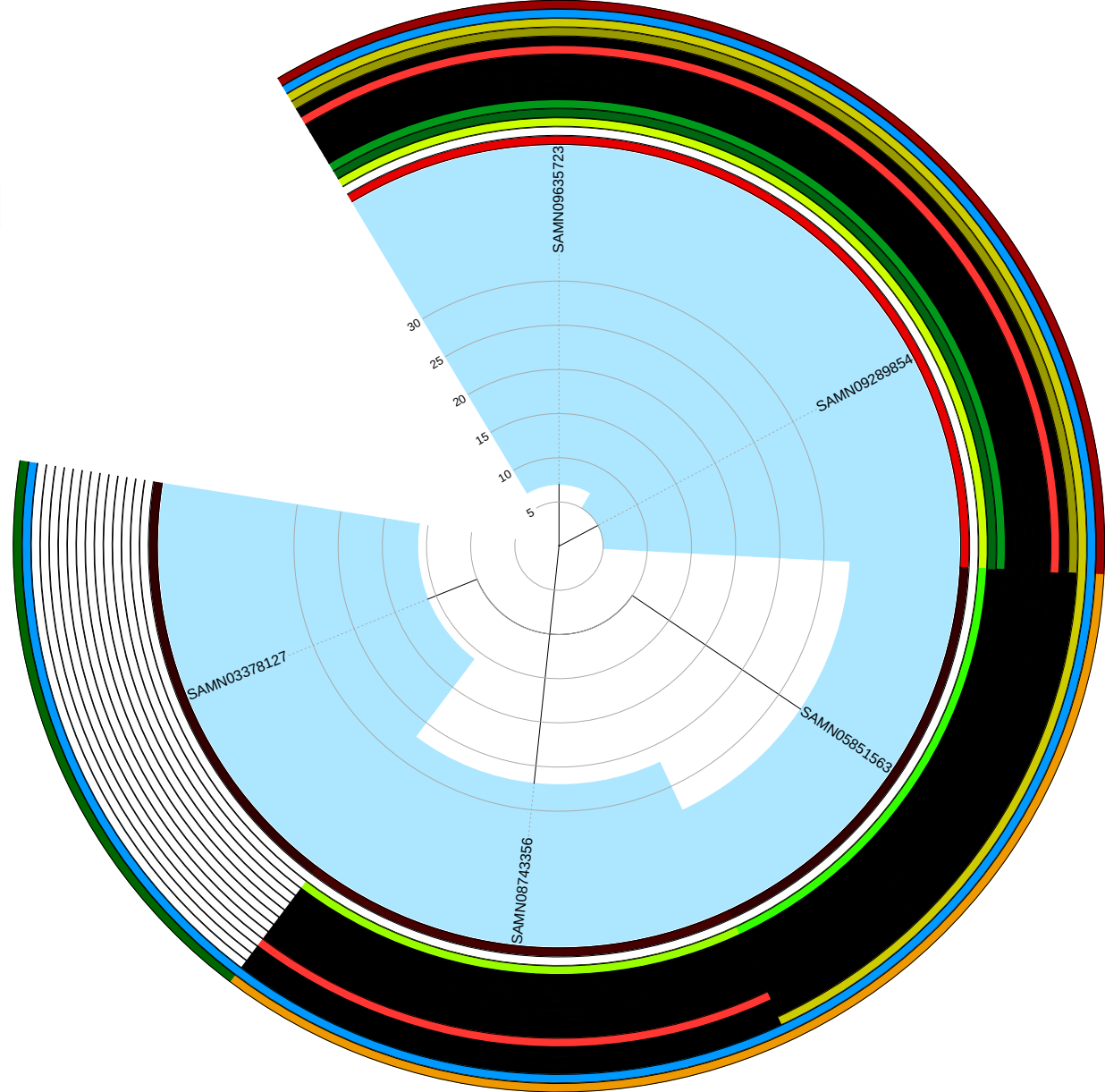
Demographic
Adult Male
Adult Female
Child
Unknown

Collection year
2017-2019
2015-2016
Pre 2016
Unknown



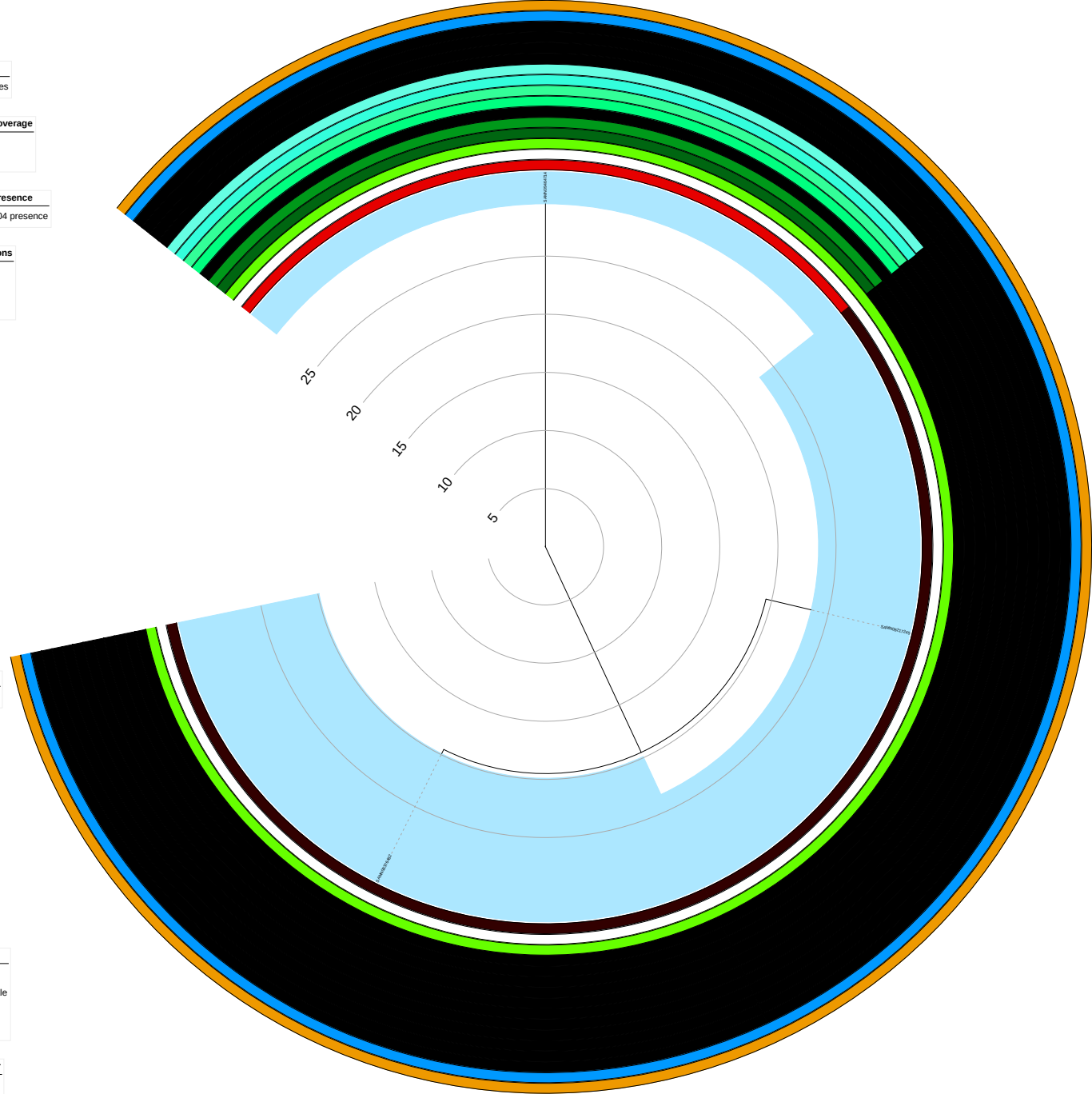
PDS000033550.7

Tree scale: 1



PDS000033562.4

Tree scale: 1



PDS000033573.4

Tree scale: 10

Country

United States

pMHMC_004 coverage

0%

100%

pMHMC_004 presence

pMHMC_004 presence

Unique Replicons

0

5

10

mph(A)

mph(A)

erm(B)

erm(B)

blaTEM-1

blaTEM-1

dfrA17

dfrA17

sul1

sul1

aadA5

aadA5

qacEdelta1

qacEdelta1

sul2

sul2

tet(A)

tet(A)

aph(3⁺)-Ib

aph(3⁺)-Ib

aph(6)-Id

aph(6)-Id

Demographic

Adult Male

Adult Female

Child

Unknown

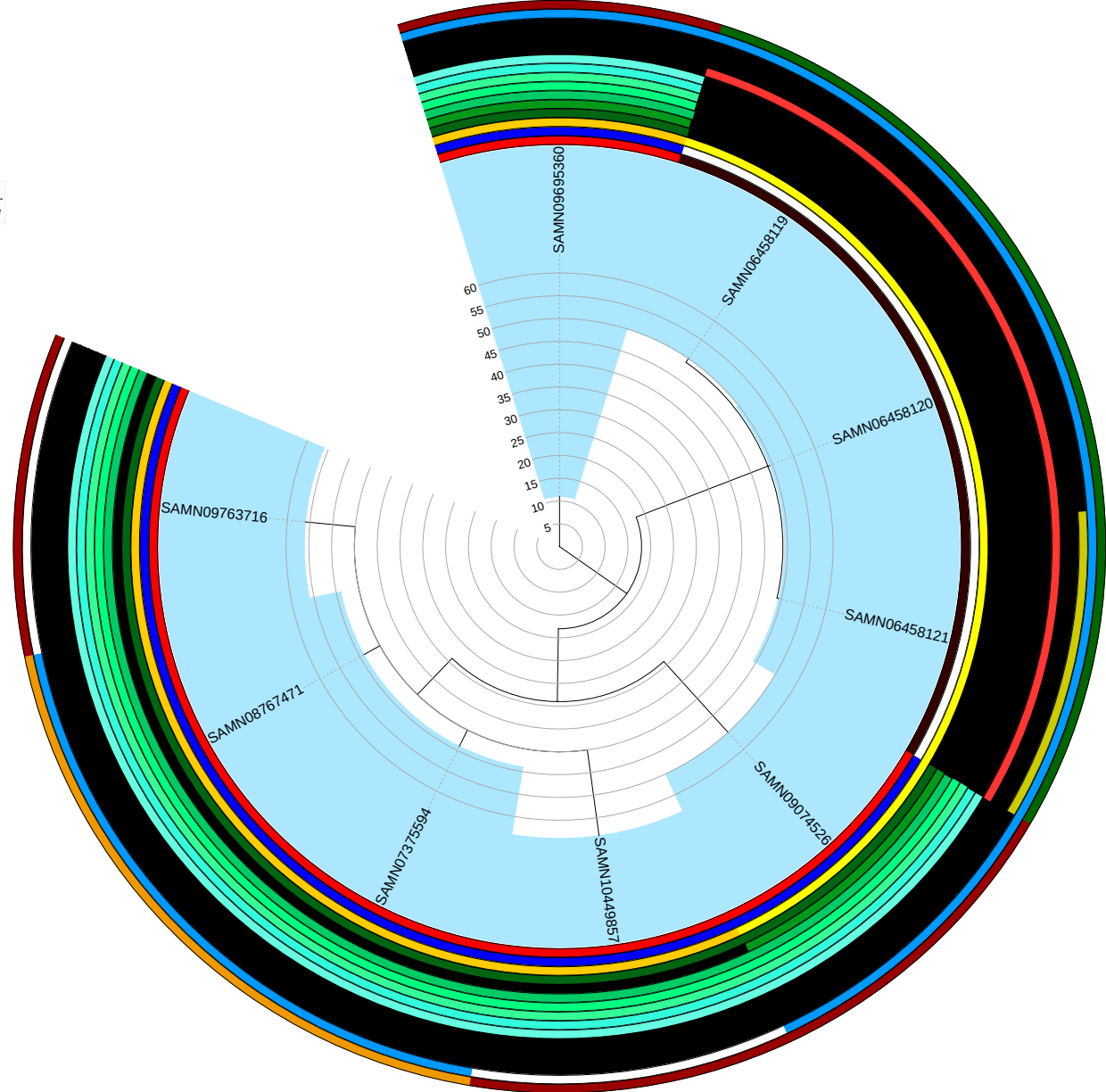
Collection year

2017-2019

2015-2016

Pre 2016

Unknown



PDS000035106.4

Tree scale: 1

Country

- United States

pMHMC_004 coverage

- 0%
- 100%

pMHMC_004 presence

- pMHMC_004 presence

Unique Replicons

- 0
- 5
- 10

mph(A)

- mph(A)

erm(B)

- erm(B)

blaTEM-1

- blaTEM-1

dfrA17

- dfrA17

sul1

- sul1

aadA5

- aadA5

qacEdelta1

- qacEdelta1

sul2

- sul2

tet(A)

- tet(A)

aph(3⁺)-Ib

- aph(3⁺)-Ib

aph(6)-Id

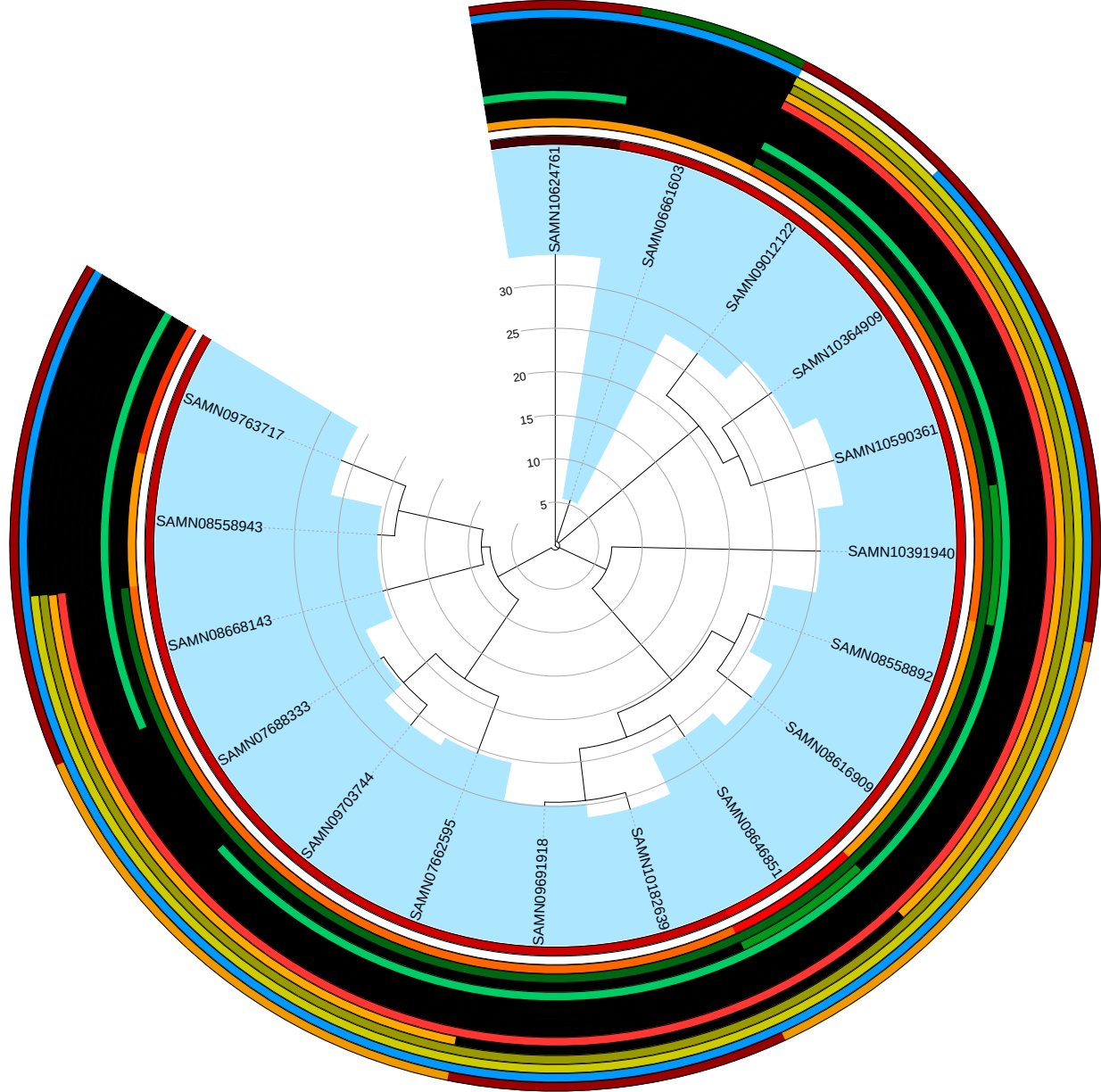
- aph(6)-Id

Demographic

- Adult Male
- Adult Female
- Child
- Unknown

Collection year

- 2017-2019
- 2015-2016
- Pre 2016
- Unknown



PDS000035107.7

Tree scale: 10

Country

- United States

pMHMC_004 coverage

- 0%
- 100%

pMHMC_004 presence

- pMHMC_004 presence

Unique Replicons

- 0
- 5
- 10

mph(A)

- mph(A)

erm(B)

- erm(B)

blaTEM-1

- blaTEM-1

dfrA17

- dfrA17

sul1

- sul1

aadA5

- aadA5

qacEdelta1

- qacEdelta1

sul2

- sul2

tet(A)

- tet(A)

aph(3⁺)-Ib

- aph(3⁺)-Ib

aph(6)-Ic

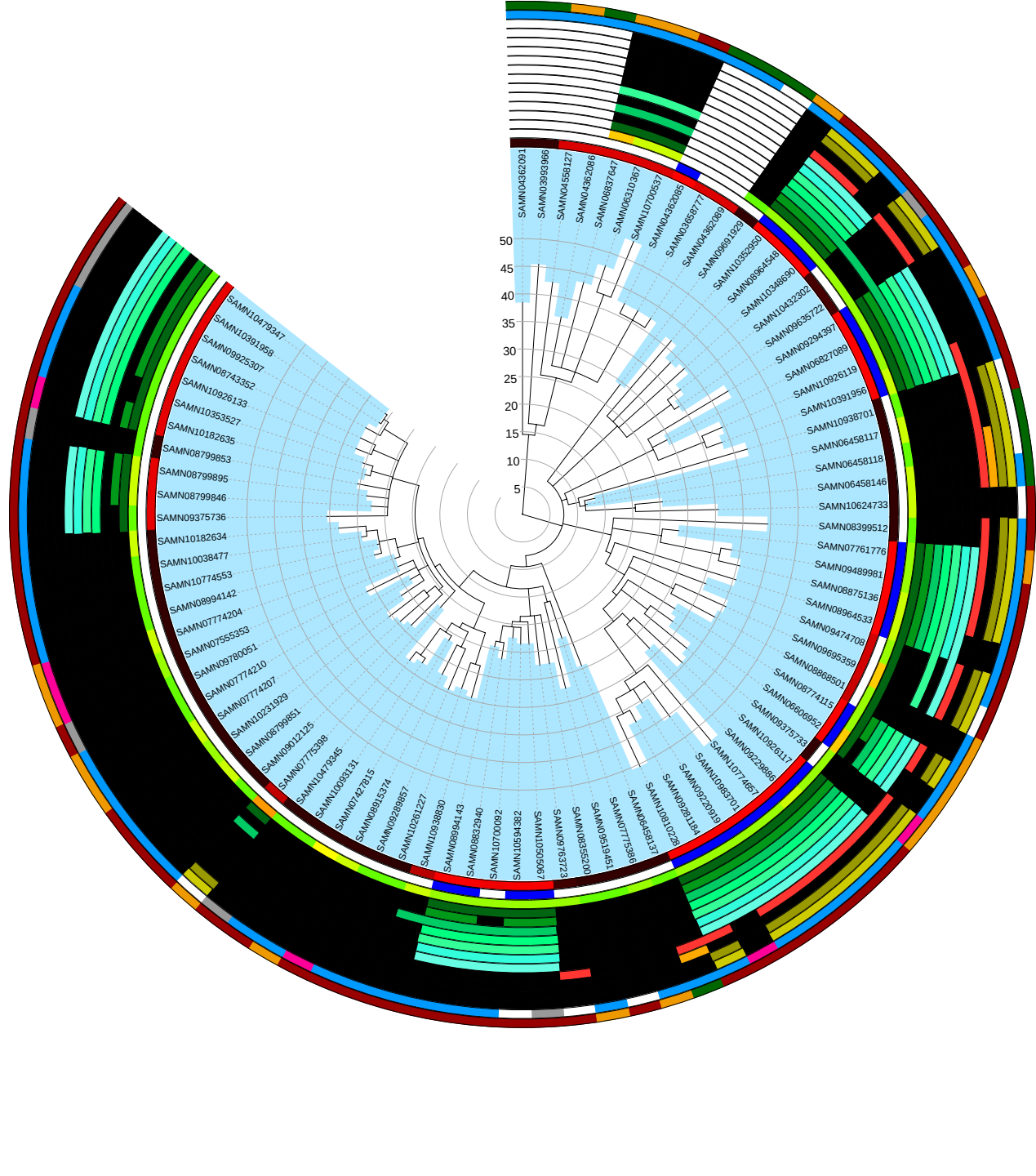
- aph(6)-Ic

Demographic

- Adult Male
- Adult Female
- Child
- Unknown

Collection year

- 2017-2019
- 2015-2016
- Pre 2016
- Unknown



PDS000035108.28

Tree scale: 1 ←

Country
United States

pMHMC_004 coverage
0%
100%

pMHMC_004 presence
pMHMC_004 presence

Unique Replicons
0
5
10

mph(A)
mph(A)

erm(B)
erm(B)

blaTEM-1
blaTEM-1

dfrA17
dfrA17

sul1
sul1

aadA5
aadA5

qacEdelta1
qac:Edelta1

sul2
sul2

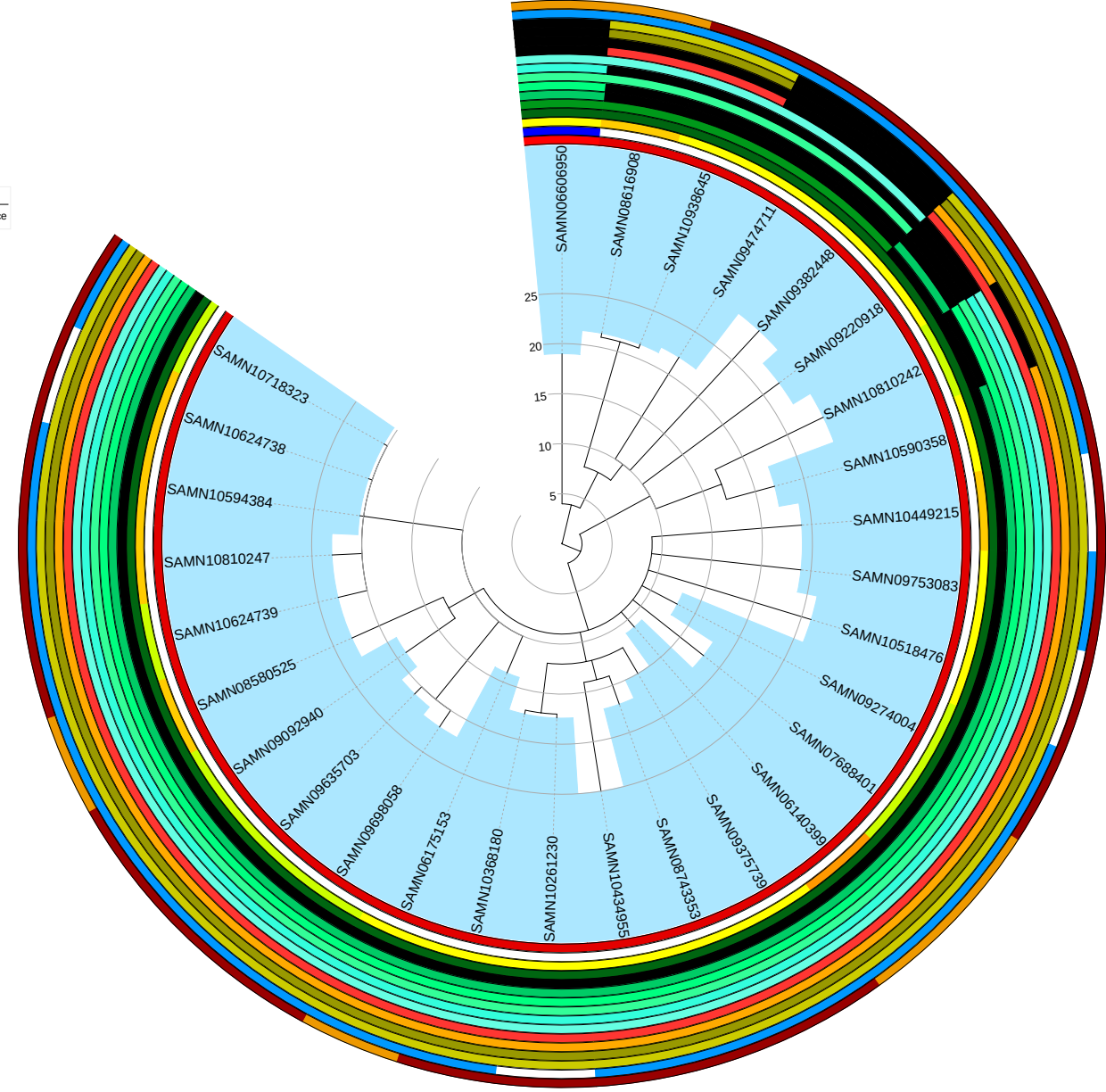
tet(A)
tet(A)

aph(3'')-Ib
aph(3'')-Ib

aph(6)-Id
aph(6)-Id

Demographic
Adult Male
Adult Female
Child
Unknown

Collection year
2017-2019
2015-2016
Pre 2016
Unknown



PDS000035123.15

Tree scale: 1

Country

United States

pMHMC_004 coverage

0%
100%

pMHMC_004 presence

pMHMC_004 presence

Unique Replicons

0
5
10

mph(A)

mph(A)

erm(B)

erm(B)

blaTEM-1

blaTEM-1

dfrA17

dfrA17

sul1

sul1

aadA5

aadA5

qacEdelta1

qacEdelta1

sul2

sul2

tet(A)

tet(A)

aph(3')-Ib

aph(3')-Ib

aph(6)-Id

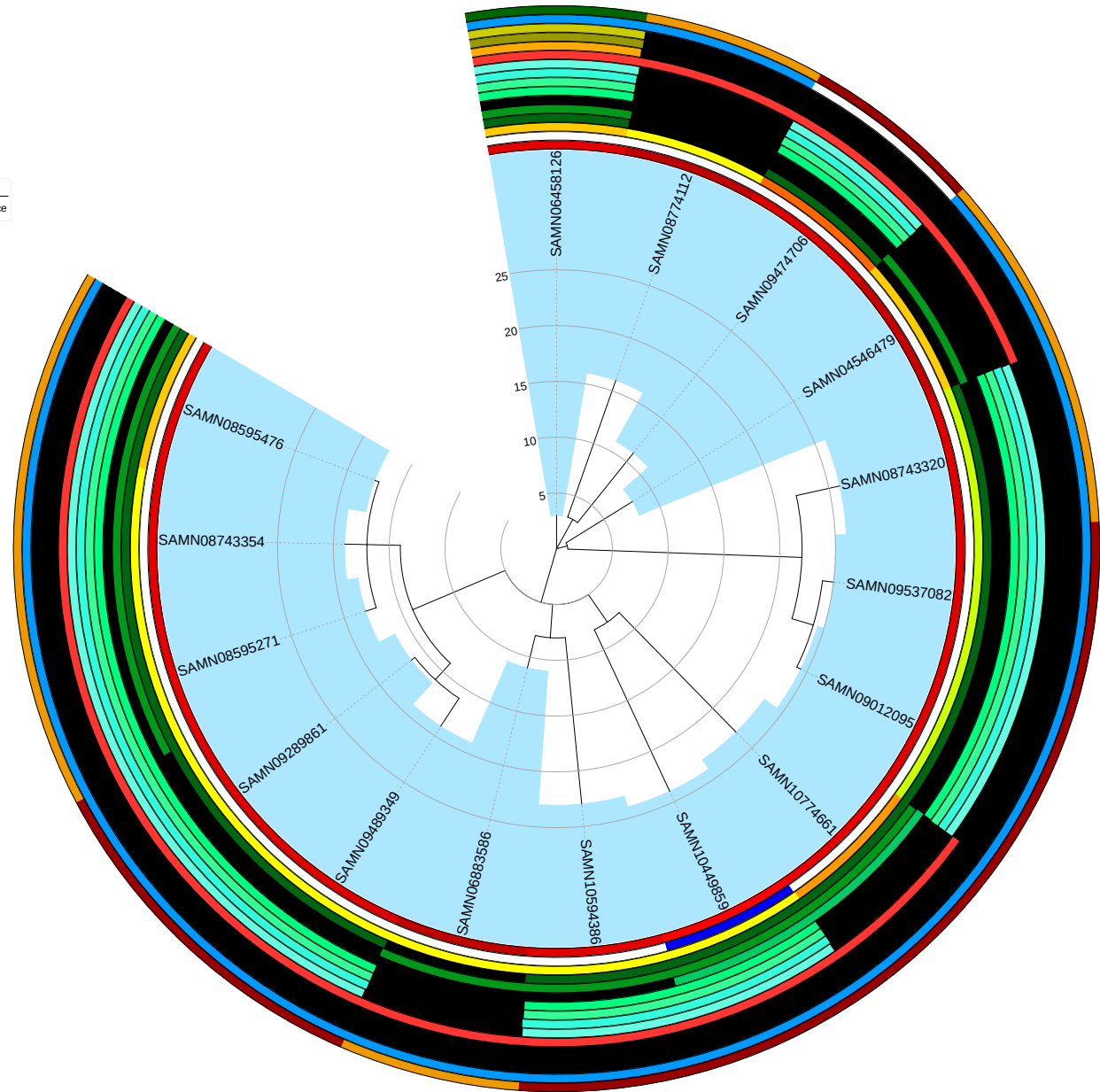
aph(6)-Id

Demographic

Adult Male
Adult Female
Child
Unknown

Collection year

2017-2019
2015-2016
Pre 2016
Unknown



PDS000035124.4

Tree scale: 10

Country

United States

pMHMC_004 coverage

0%
100%

pMHMC_004 presence

pMHMC_004 presence

Unique Replicons

0
5
10

mph(A)

mph(A)

erm(B)

erm(B)

blaTEM-1

blaTEM-1

dfrA17

dfrA17

sul1

sul1

aadA5

aadA5

qacEdelta1

qacEdelta1

sul2

sul2

tet(A)

tet(A)

aph(3')-Ib

aph(3')-Ib

aph(6)-Id

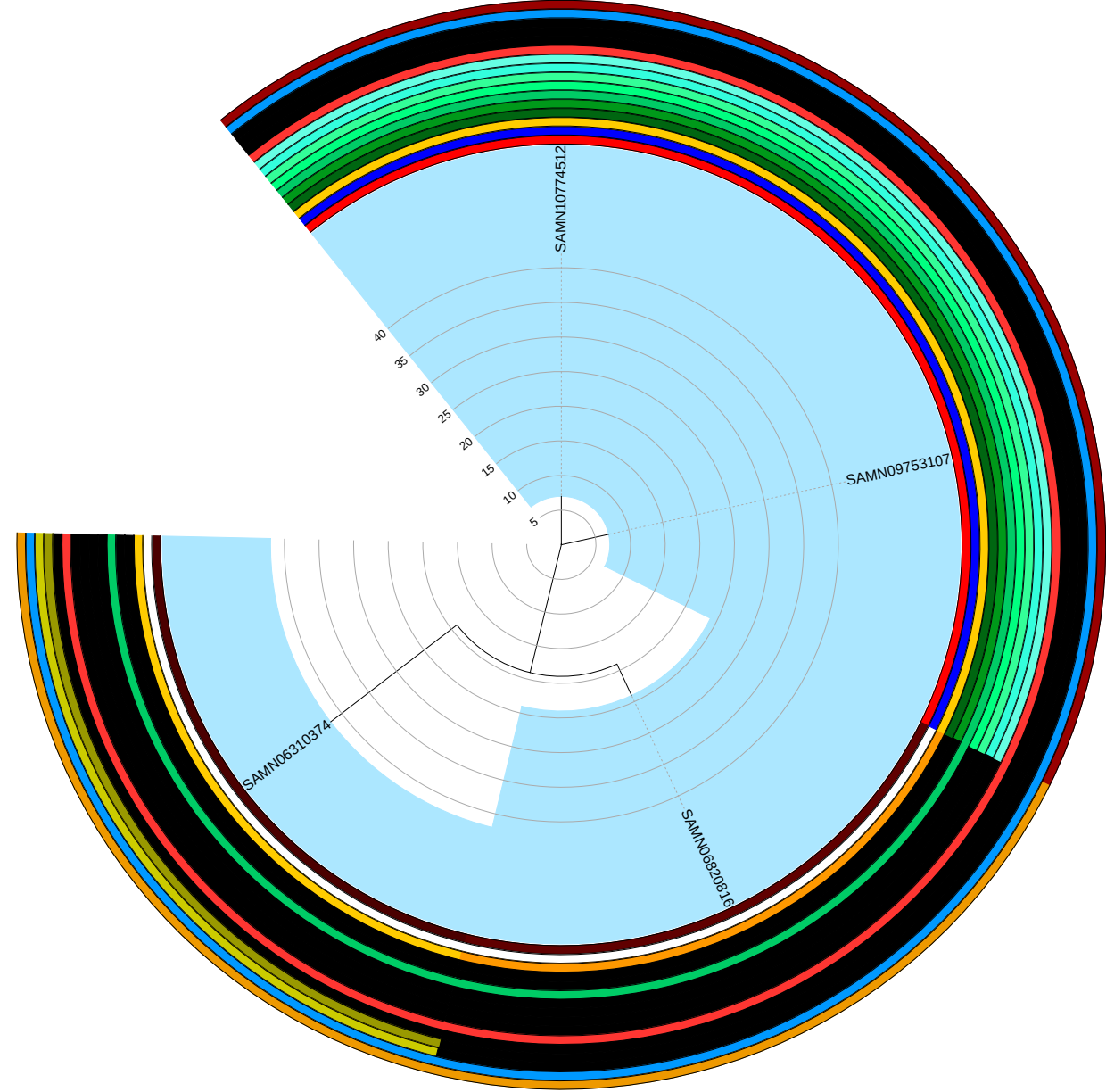
aph(6)-Id

Demographic

Adult Male
Adult Female
Child
Unknown

Collection year

2017-2019
2015-2016
Pre 2016
Unknown



PDS000035185.2

Tree scale: 1

Country

United States

pMHMC_004 coverage

0%
100%

pMHMC_004 presence

pMHMC_004 presence

Unique Replicons

0
5
10

mph(A)

mph(A)

erm(B)

erm(B)

blaTEM-1

blaTEM-1

dfrA17

dfrA17

sul1

sul1

aadA5

aadA5

qacEdelta1

qacEdelta1

sul2

sul2

tet(A)

tet(A)

aph(3'')-Ib

aph(3'')-Ib

aph(6)-Id

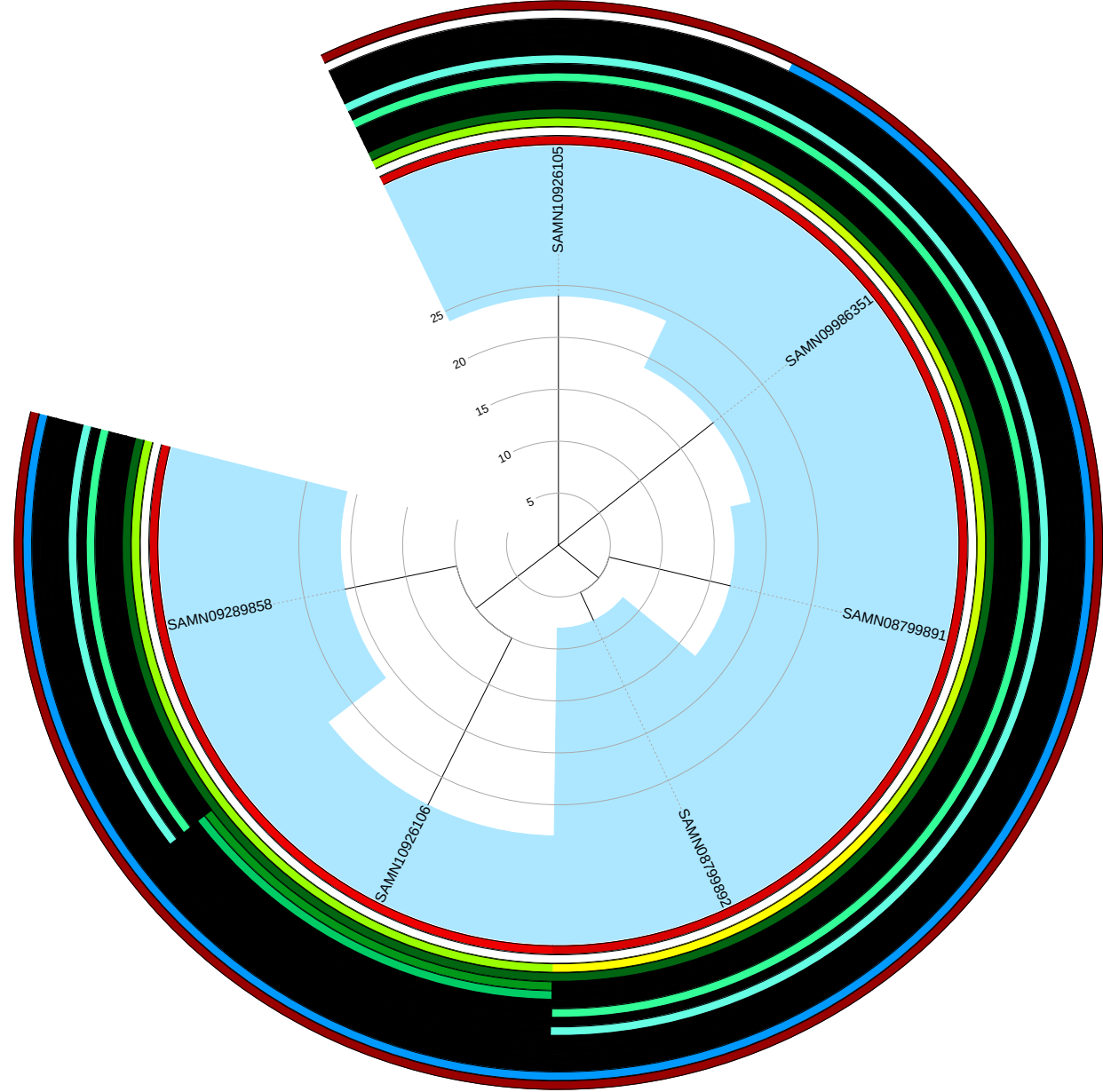
aph(6)-Id

Demographic

Adult Male
Adult Female
Child
Unknown

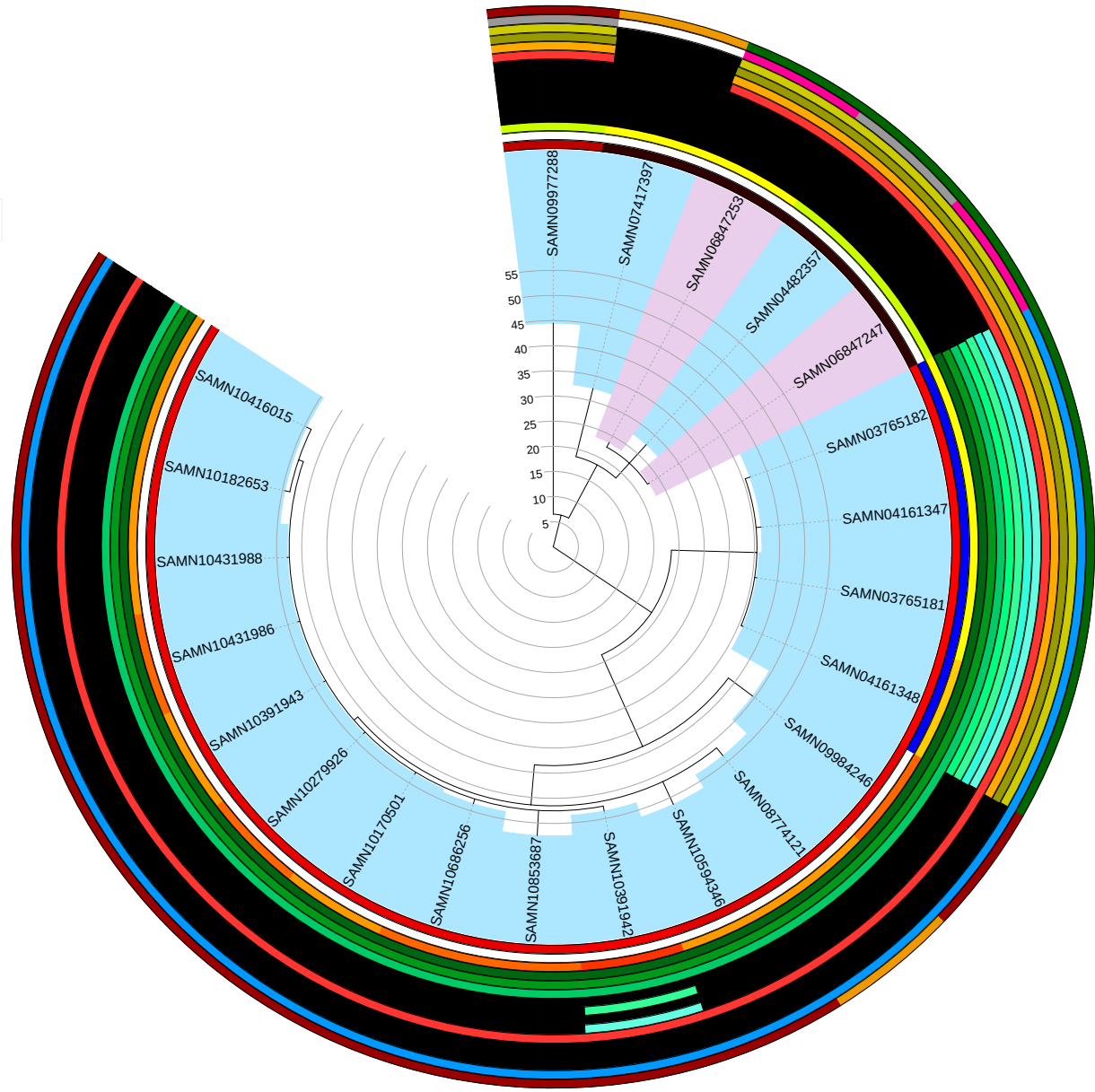
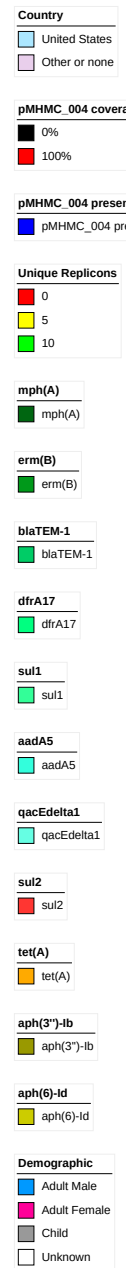
Collection year

2017-2019
2015-2016
Pre 2016
Unknown



PDS000035186.3

Tree scale: 10



PDS000035344.47

Tree scale: 1

Country

United States

pMHMC_004 coverage

0%

100%

pMHMC_004 presence

pMHMC_004 presence

Unique Replicons

0

5

10

mph(A)

mph(A)

erm(B)

erm(B)

blaTEM-1

blaTEM-1

dfrA17

dfrA17

sul1

sul1

aadA5

aadA5

qacEdelta1

qacEdelta1

sul2

sul2

tet(A)

tet(A)

aph(3⁺)-Ib

aph(3⁺)-Ib

aph(6)-Id

aph(6)-Id

Demographic

Adult Male

Adult Female

Child

Unknown

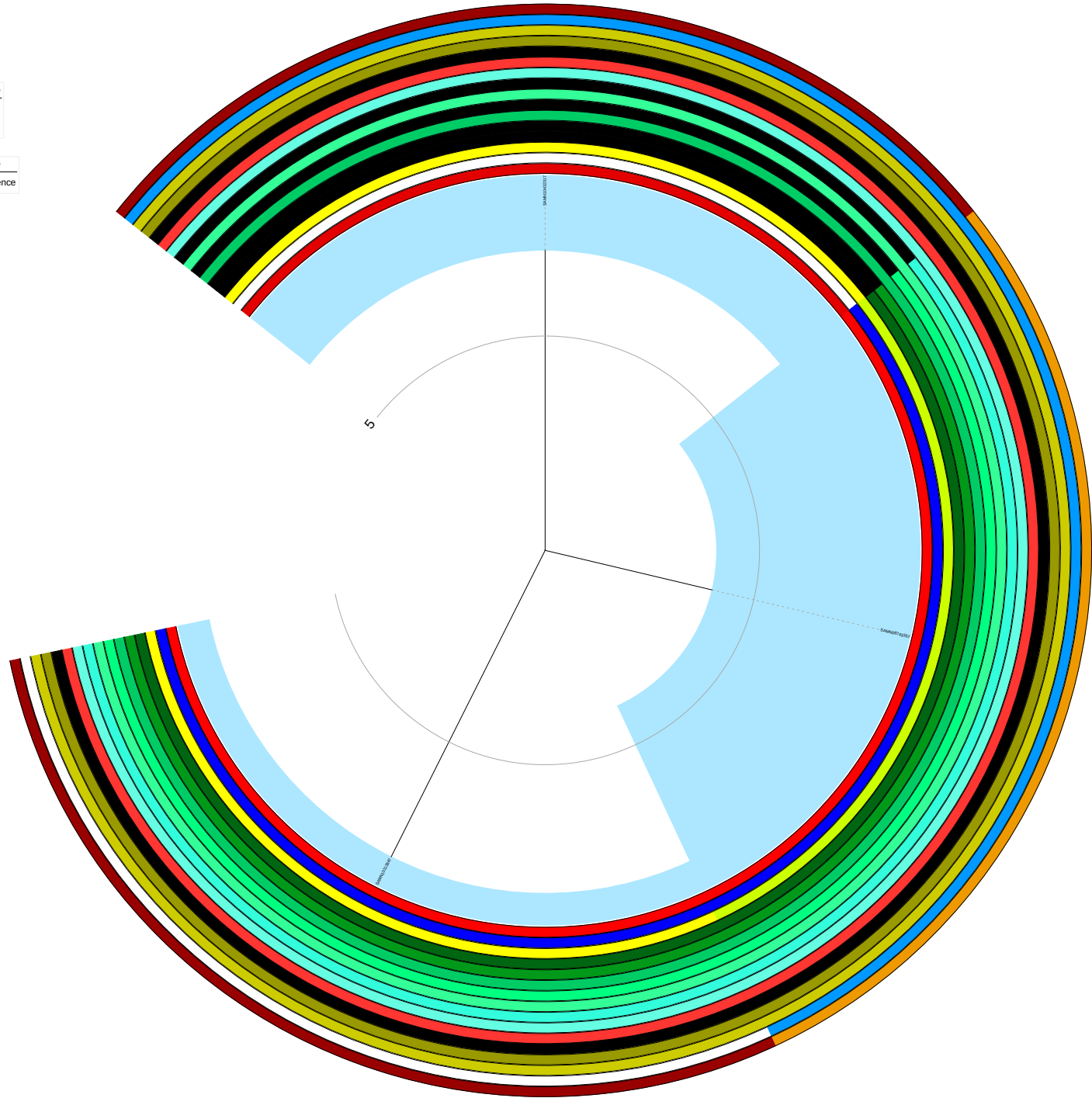
Collection year

2017-2019

2015-2016

Pre 2016

Unknown



PDS000037165.2

Tree scale: 1

Country
United States

pMHMC_004 coverage
0%
100%

pMHMC_004 presence
pMHMC_004 presence

Unique Replicons
0
5
10

mph(A)
mph(A)

erm(B)
erm(B)

blaTEM-1
blaTEM-1

dfrA17
dfrA17

sul1
sul1

aadA5
aadA5

qacEdelta1
qacEdelta1

sul2
sul2

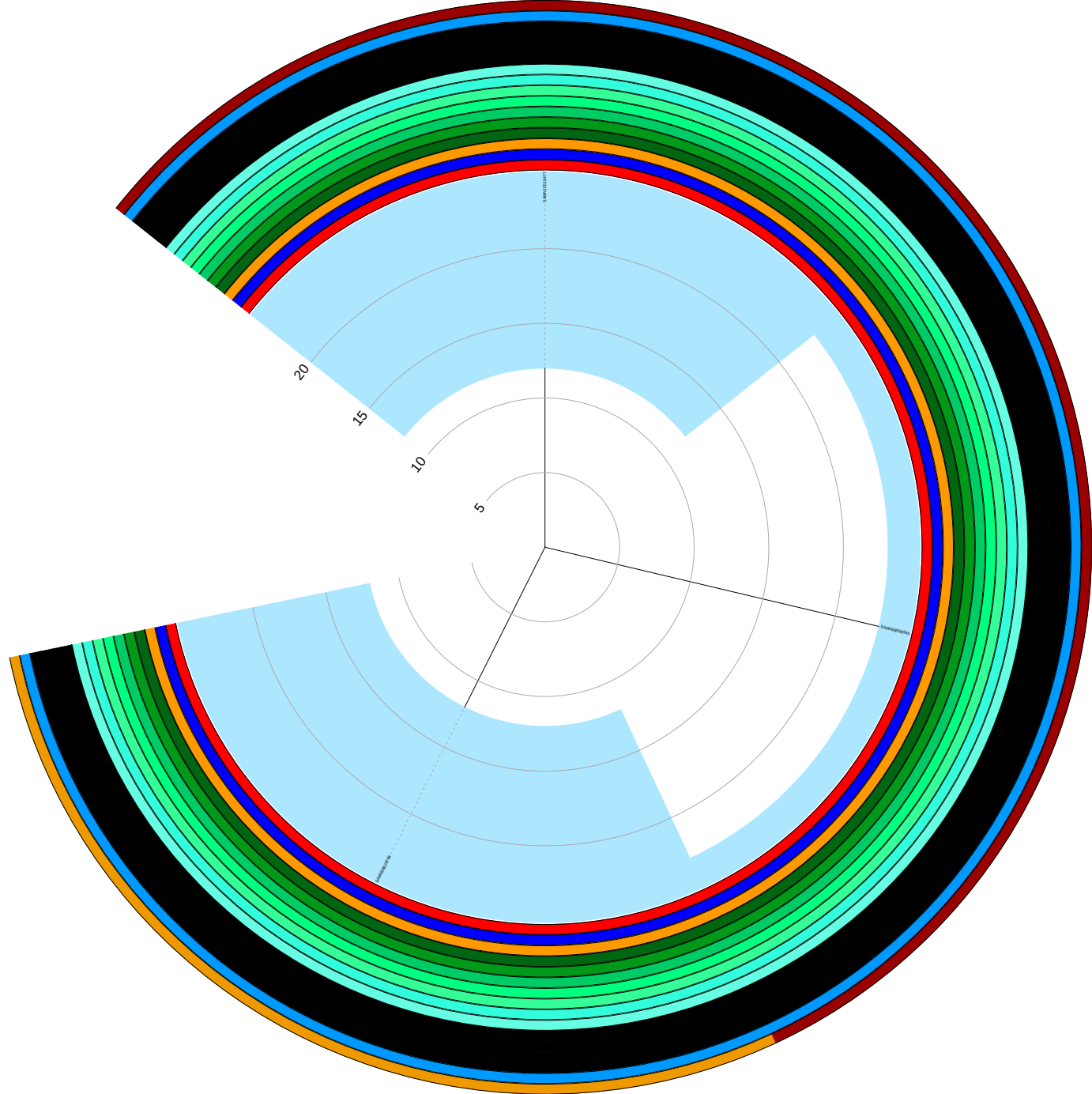
tet(A)
tet(A)

aph(3')-Ib
aph(3')-Ib

aph(6)-Id
aph(6)-Id

Demographic
Adult Male
Adult Female
Child
Unknown

Collection year
2017-2019
2015-2016
Pre 2016
Unknown



PDS000039050.1

Tree scale: 1

Country

United States

pMHMC_004 coverage

0%

100%

pMHMC_004 presence

pMHMC_004 presence

Unique Replicons

0

5

10

mph(A)

mph(A)

erm(B)

erm(B)

blaTEM-1

blaTEM-1

dfrA17

dfrA17

sul1

sul1

aadA5

aadA5

qacEdelta1

qacEdelta1

sul2

sul2

tet(A)

tet(A)

aph(3⁺)-Ib

aph(3⁺)-Ib

aph(6)-Id

aph(6)-Id

Demographic

Adult Male

Adult Female

Child

Unknown

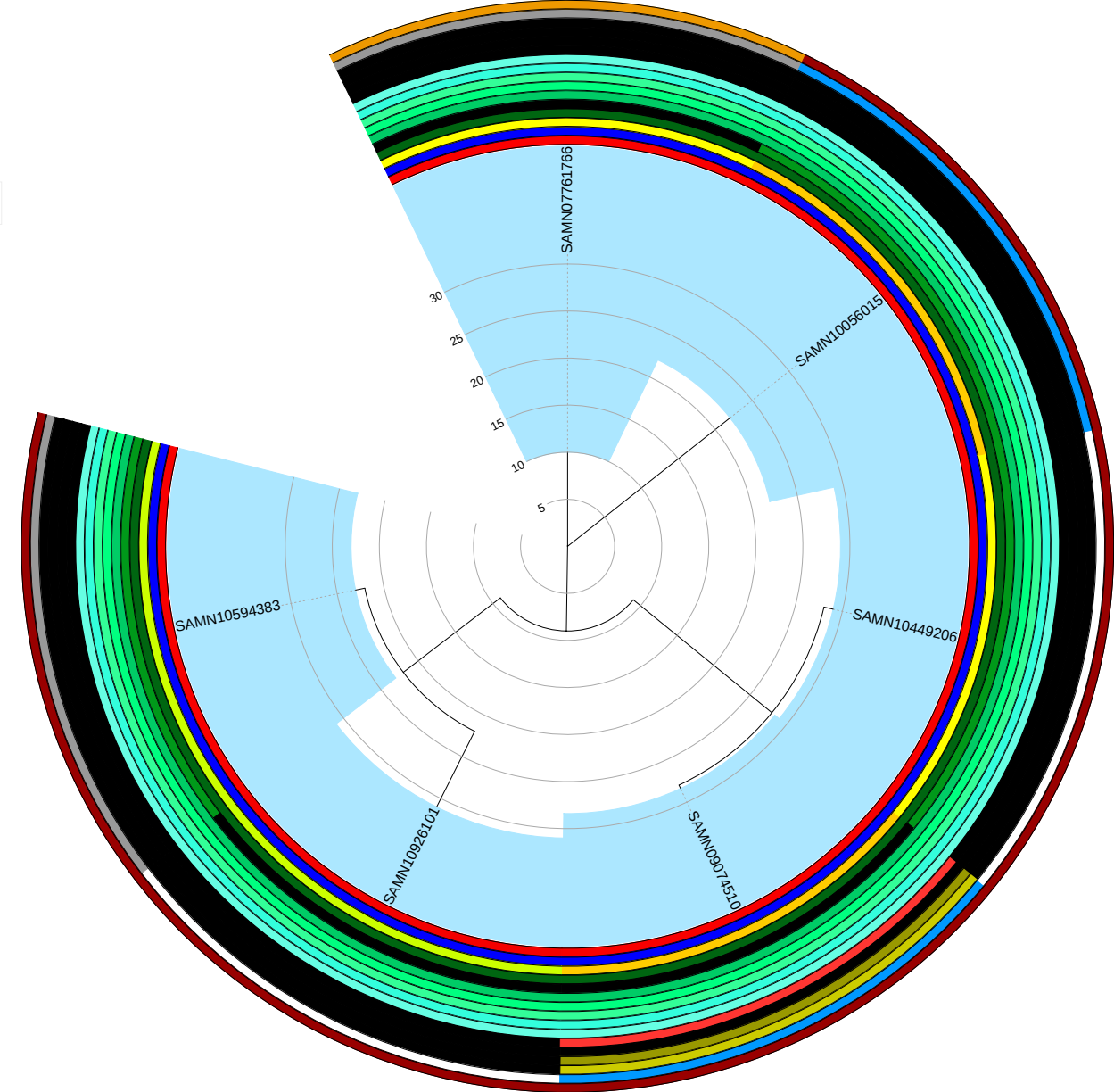
Collection year

2017-2019

2015-2016

Pre 2016

Unknown



PDS000039286.2