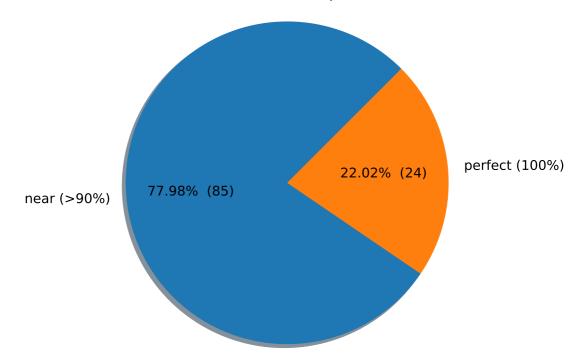
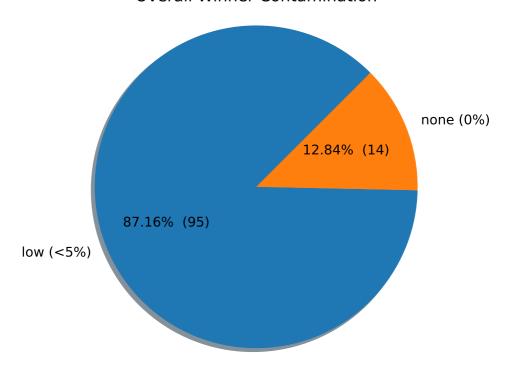
## **Overall Winner Completeness**



## **Overall Winner Contamination**



Scoring of winning genomes

GCF\_021052265.1.fna

GCF\_017834125.1.fna -

GCF\_004114935.1.fna

GCF\_006459165.1.fna -0.0

GCF\_021052305.1.fna -0.0

GCF\_007827835.1.fna

GCF\_018130795.1.fna

GCF\_018130405.1.fna

GCF\_018131145.1.fna -0.0

GCF\_021044685.1.fna -0.0

GCF\_018130855.1.fna

GCF\_016616885.1.fna

GCF\_018129445.1.fna

GCF\_000426845.1c.fna

GCF\_018130585.1.fna

GCF\_004570865.1.fna

GCF\_018130825.1.fna

GCF\_018129465.1.fna -

GCF\_004114545.1.fna

GCF\_018130765.1.fna -

GCF\_018130785.1.fna

GCF\_016599855.1.fna

GCF\_004114425.1.fna

GCF\_018131105.1.fna -0.0

GCF\_019402665.1.fna -0.0

GCF\_002776695.1.fna -0.0 0.3

GCF\_018129985.1.fna -0.0

GCF\_007290395.1.fna -0.0

GCF\_018130685.1.fna -0.0

GCF\_011516645.4.fna -0.0

GCF\_900101405.1.fna -0.0

GCF\_000482425.1.fna -0.0 0.3

GCF\_018131015.1.fna -0.0

GCF\_004114955.1.fna -

GCF\_018131185.1.fna -0.0

GCF\_000344805.1.fna -0.0 0.3

GCF\_014530645.1.fna

GCF\_900696075.1.fna

GCF\_016616235.1.fna -0.0

GCF\_018129405.1.fna -0.0 0.3

GCF\_016031655.1.fna

GCF\_016031625.1.fna -

GCF\_004571025.1.fna

GCF\_002266435.2.fna -

GCF\_002795245.1.fna

GCF\_000472945.1.fna -

GCF\_017493175.3.fna

GCF\_018130215.1.fna -0.0

GCF\_008123515.1.fna -

GCF\_000472865.1.fna

GCF\_001440475.1.fna -0.0

GCF\_001189235.2.fna -0.0

GCF\_018129685.1.fna

GCF\_004114975.1.fna -

GCF\_016612535.1.fna

GCF\_018130615.1.fna -0.0

GCF\_008932115.1.fna -

GCF\_018129805.1.fna -0.0

GCF\_013114835.1.fna -

GCF\_018130945.1.fna

GCF\_900099825.1.fna -0.0

GCF\_013114825.1.fna -0.0

GCF\_000878305.1.fna

GCF\_001693515.2.fna -0.0

GCF\_007993935.1.fna -0.0

GCF\_018129525.1.fna -0.0

GCF\_900129425.1.fna

GCF\_001641695.1.fna -

GCF\_020889785.1.fna

GCF\_006483445.1.fna

GCF\_900141755.1.fna -

GCF\_020889705.1.fna -0.0

GCF\_018130545.1.fna

GCF\_001693385.1.fna

GCF\_008123425.1.fna -

GCF\_001542415.1.fna -

GCF\_001440035.1.fna -0.0

GCF\_001440395.1.fna

GCF\_002128415.1.fna -

GCF\_001440385.1.fna -0.0

GCF\_018130695.1.fna -

GCF\_900105125.1.fna -0.0

GCF\_008123965.1.fna -

GCF\_900142985.1.fna

GCF\_001440415.1.fna -

GCF\_001189845.1.fna

GCF\_900129505.1.fna -

GCF\_001641635.1.fna

GCF\_003062295.1.fna -

GCF 001982635.1.fna -

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GCF\_900129675.1.fna

0.0

GCF\_001238275.1.fna -0.0 0.3

1.0

20.0

0.8

0.8

126158.0

101503.0

160353.0

809967.0

1.0 16.7

0.9 25.0

1.1

1.0

1.0

1.1

1.1

1.0

1.5 33.3

1.3

1.4

1.5

27.8

1.5

1.3

1.3

1.4

1.9

1.9

1.9

1.6

34.5

37.5

0.4

23.1

20.0

21.4

1.2

37.5

28.6

12.5

3065835.0

333235.0

138766.0

303339.0

237121.0

386452.0

720641.0

315183.0

449538.0

175090.0

154093.0

47328.0

36974.0

28950.0

7.7

152866.0

173122.0

225542.0

84855.0

21600.0

104988.0

234736.0

63341.0

131222.0

111450.0

7.7

140269.0

10.5

1006110.0

1033411.0

0.2

242378.0

868356.0

14.3

0.5

0.7

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8753169.0 8549412.0 99.0

8547214.0

8854489.0

8817291.0

8267832.0

8437991.0 7456045.0

8811922.0

7989248.0

7776092.0

7419402.0 7150095.0

7121551.0

7017218.0

7436256.0

7820754.0

7480816.0

9902361.0

100 0

100 0

98.3

98.1

97.4

97.4

97.1

8339215.0 8339215.0 96.6

8377719.0 8377719.0 96.5

8820234.0

8495489.0

9092136.0

8679329.0

8471967.0

7910099.0 7910099.0 95.2

8382111.0

8322773.0 8322773.0 94.6

8722143.0

9145311.0

9146476.0

8680666.0

7842044.0 7842044.0 92.4

8826946.0

7525217.0 7525217.0 91.2

8466225.0

3.4

3.2

9767314.0

88.1

2.9 56.5

2.4

8738846.0

7624764.0

9952932.0

93.2

92.8

9758985.0

6749210.0

99.7

100 0

**1**00 0

**1**00 0

9092136.0 95.6

99.6

99.4

98.8

**1**00|0

98.9

98.5

**1**00 0

99.8

**■**9184751.þ

99.4

99.7

99.8

11788562.0

1.0

10111113.0

85.8

8907982.0

8842857.0

83.1

contamination

0.8

strain\_heterogeneity

completeness

length

score

N50

0.6

Normalized Score

85.6

4.0

96.5

100 0

98.8

GCF\_004114915.1.fna

GCF\_018130245.1.fna -0.0

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936985.0

1119287.0

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433663.0

393011.0

378302.0

52235.0

304001.0

685377.0

526761.0

262312.0

257931.0

240128.0

328915.0

130263.0

130886.0

488983.0

0.5

0.5

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905187.0

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20.0

1030357.0

0.2

0.1

0.1 0.0

100 0

100 0

100 0

100 0

**1**03 4

**1**03.1 **1**00 0

**1**03.0

**1**03.0

■102.B

**■**102.β 100 0

**■**102.

**1**02.

102.2 100 0

**■**102.2 **1**00|0

102. 99.7

102.0

**1**02.0

**1**01.8 1000

**1**01.8

**■**101.8 100 0 **■**100 0

101.5 99.6

101.3 100 0

101.3 99.7

101.2 99.1

101.1

101.1

101.0

100 0

100 0

100.8

100.8

100.7

10410654.0 100.7

9444915.0

100 0

**1**00|0

100.7

100.7 99.5

100.7 99.3

100.5

100.5

99.7

100.4 99.9

100.3

100.2

100.1

100 0

100|0

8264165.0 8264165.0 100.5

8871850.0

8864324.0

7668734.0 7668734.0

8103393.0

1000

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9879115.0 103 5

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7080073.0

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