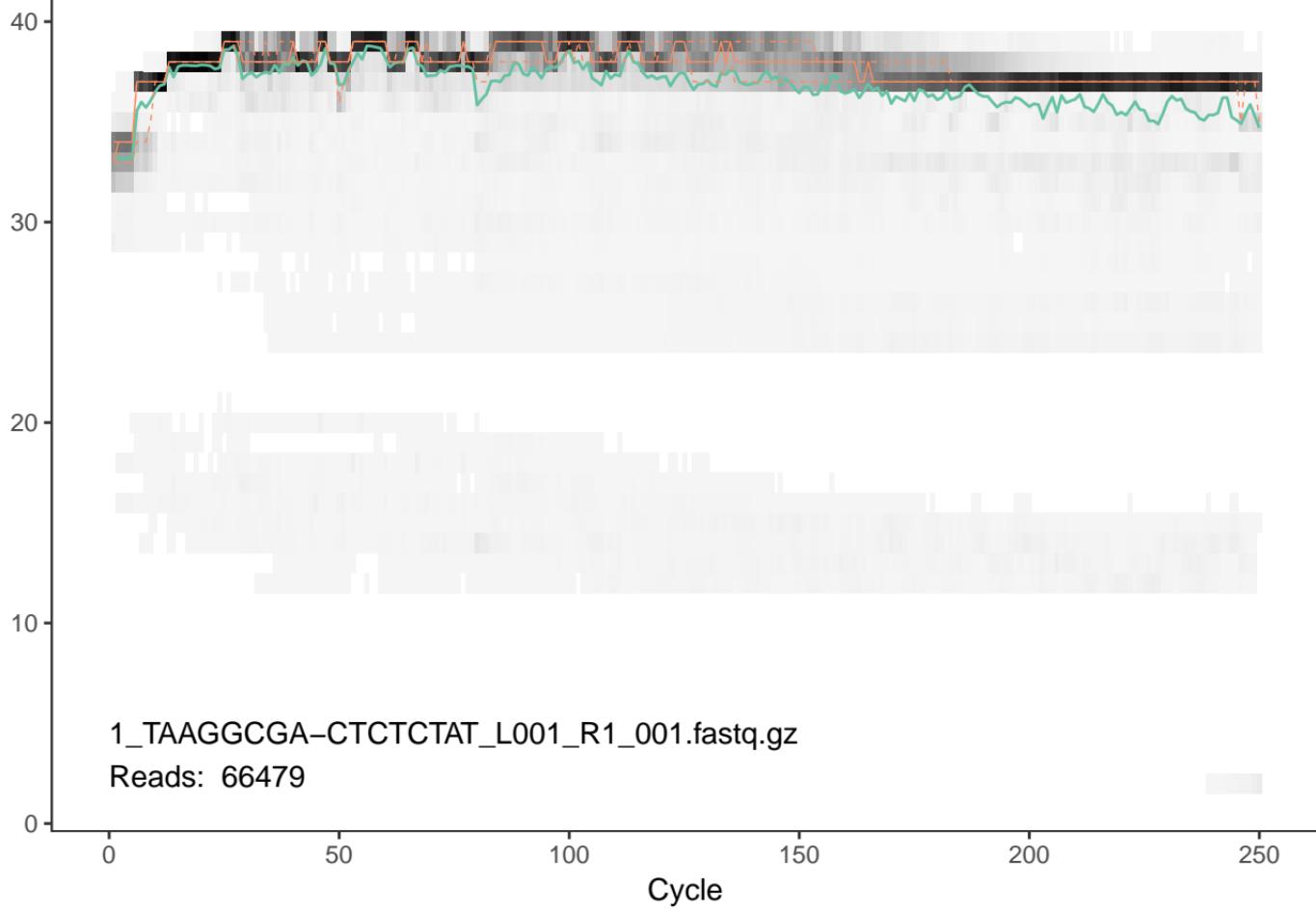


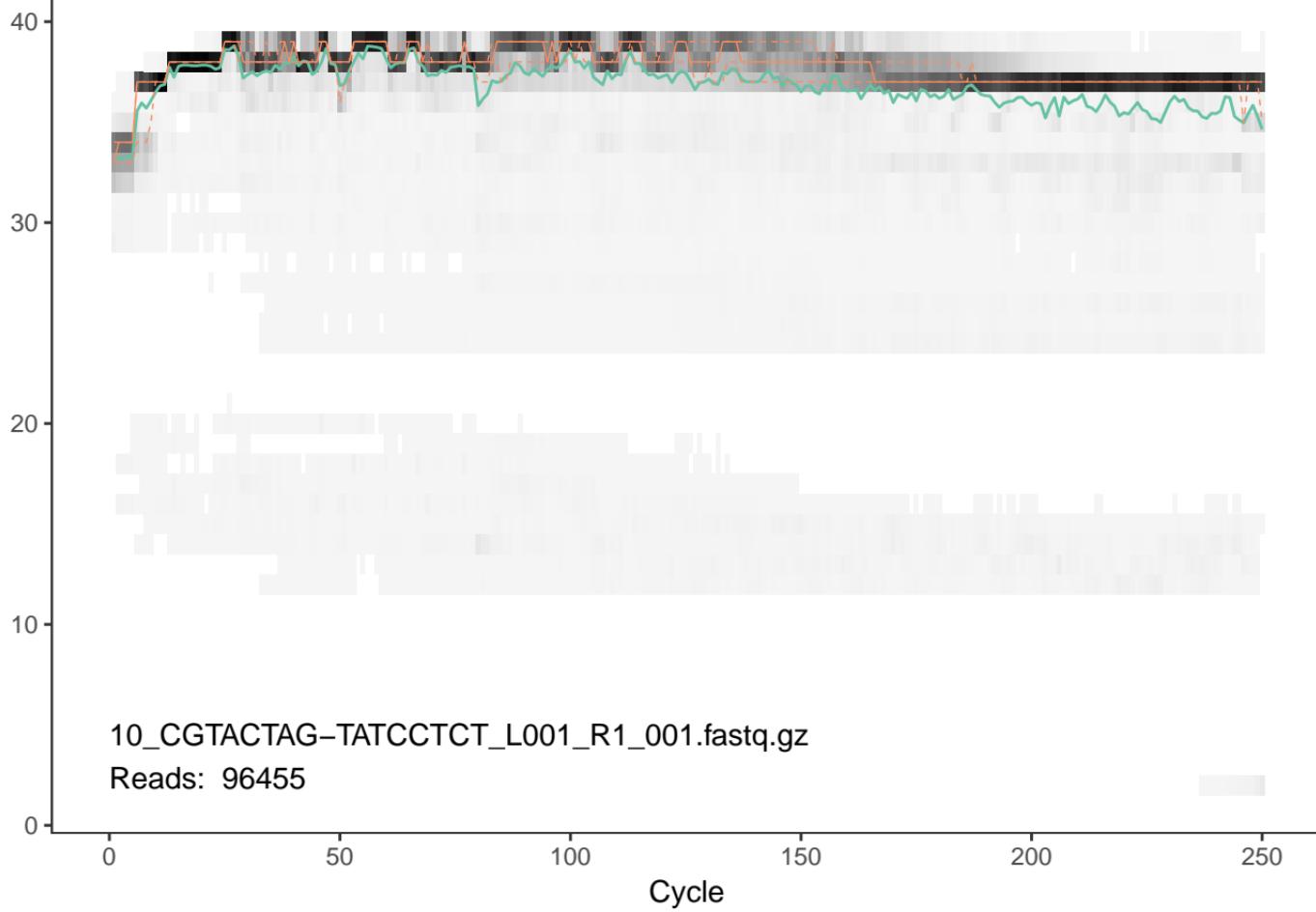
Fwd

Quality Score



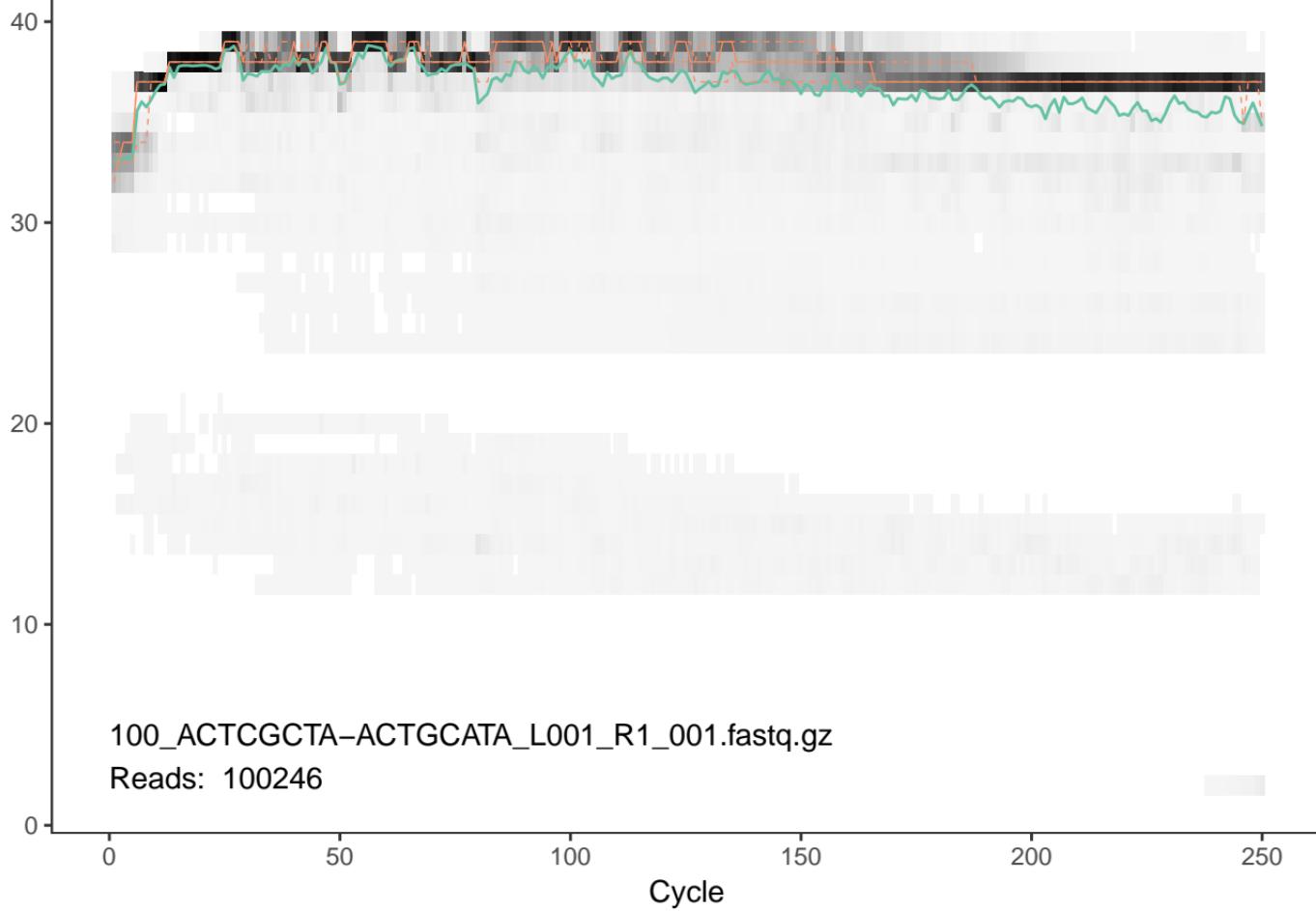
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Quality Score



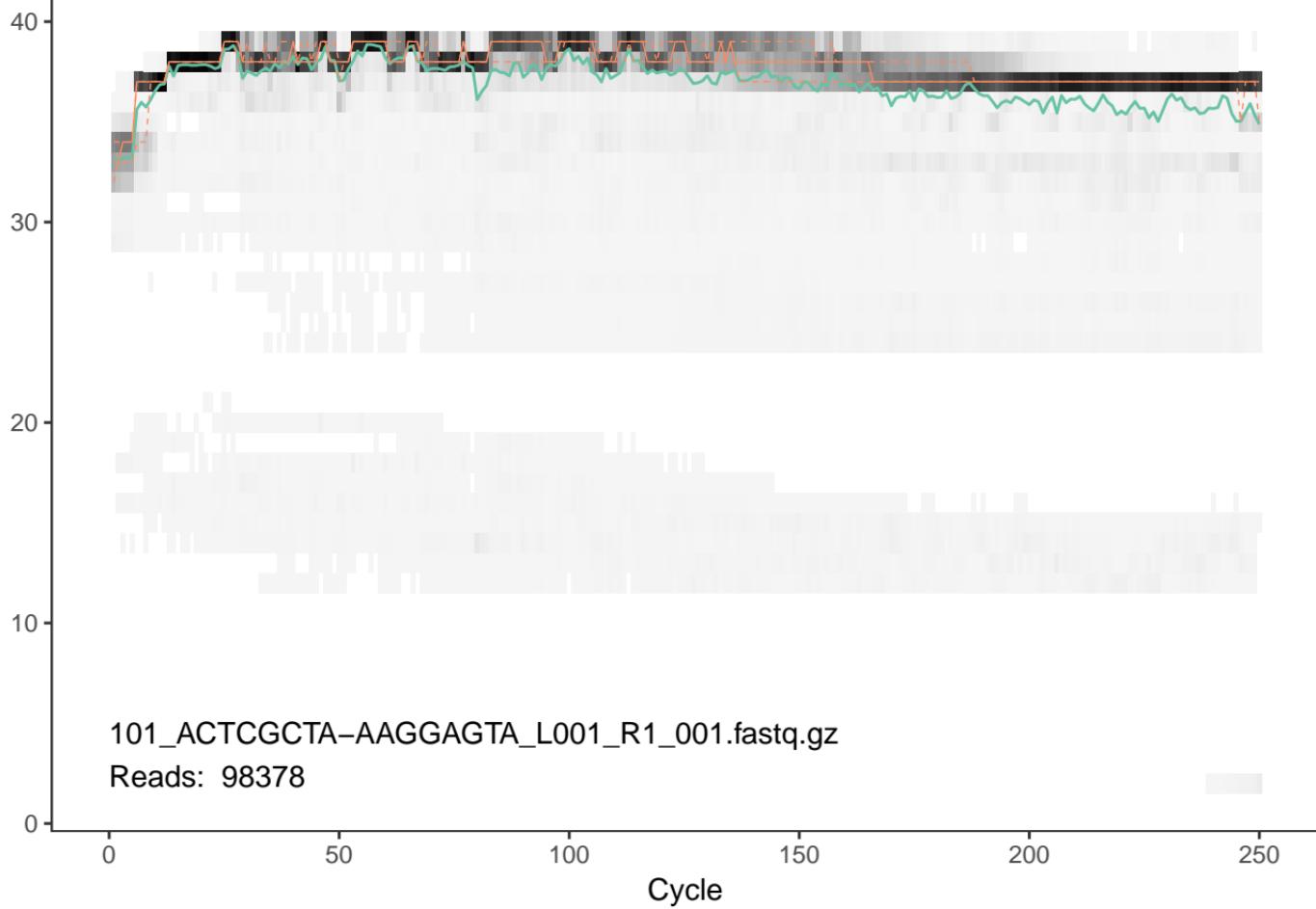
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Quality Score



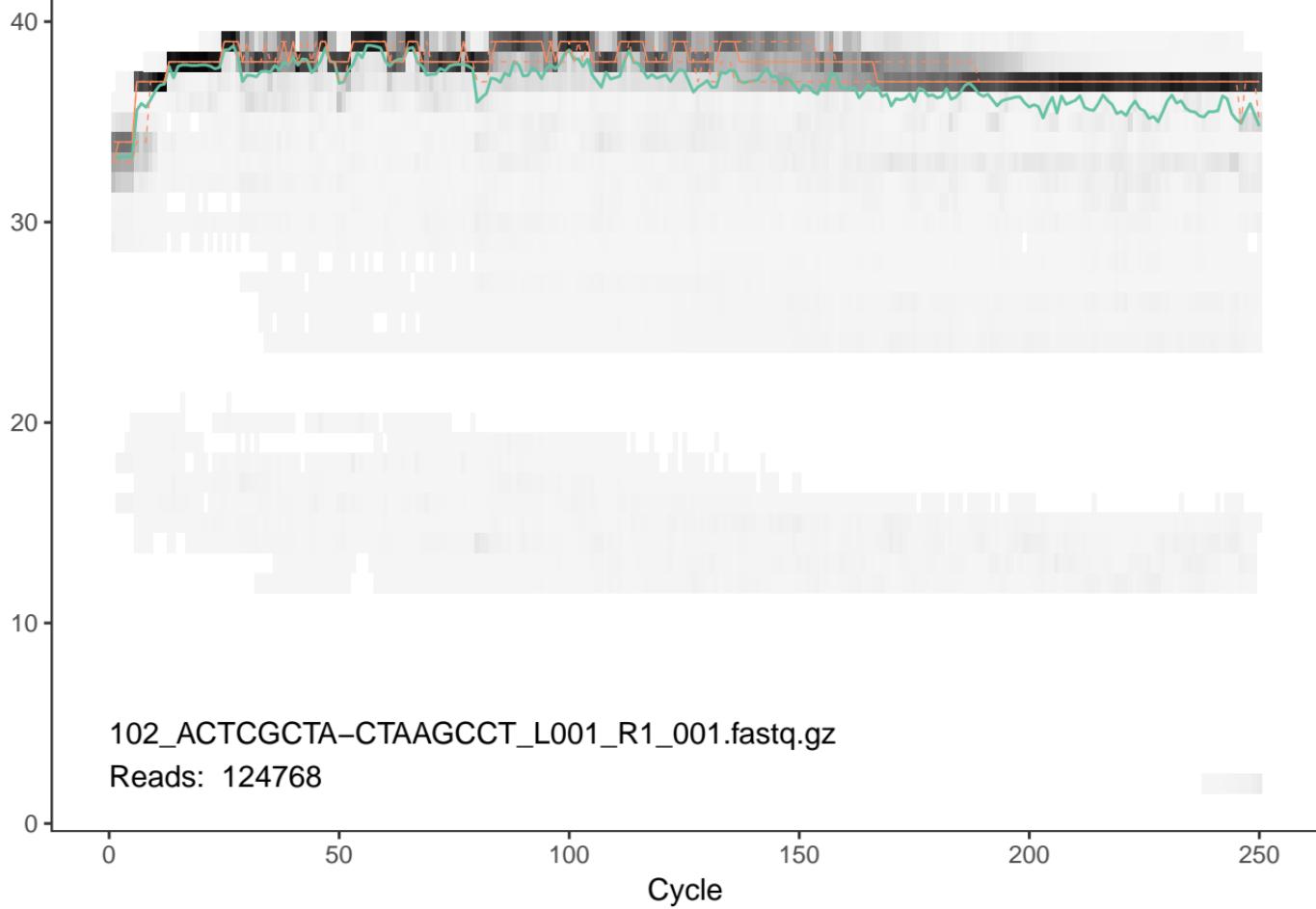
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Quality Score



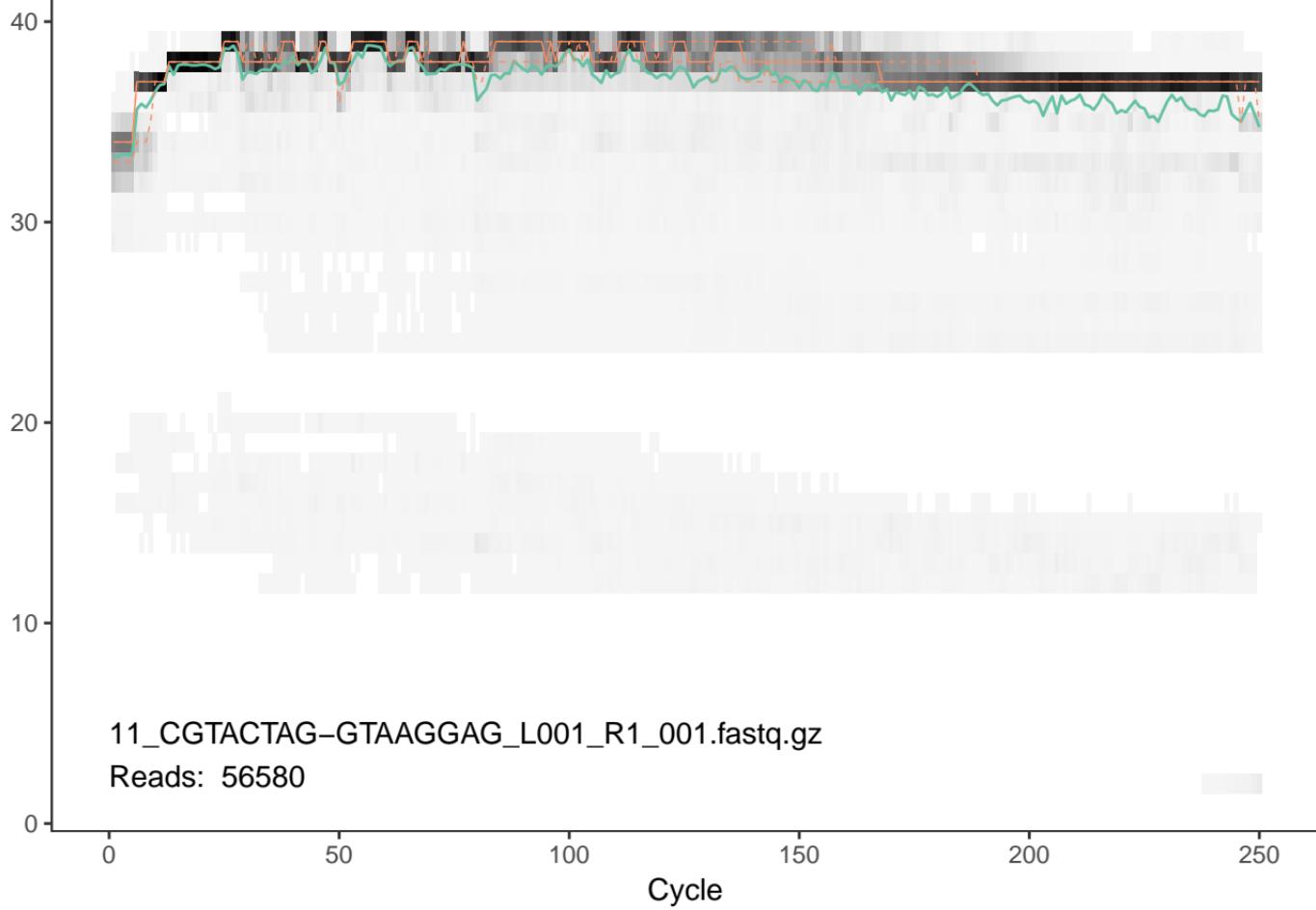
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Quality Score



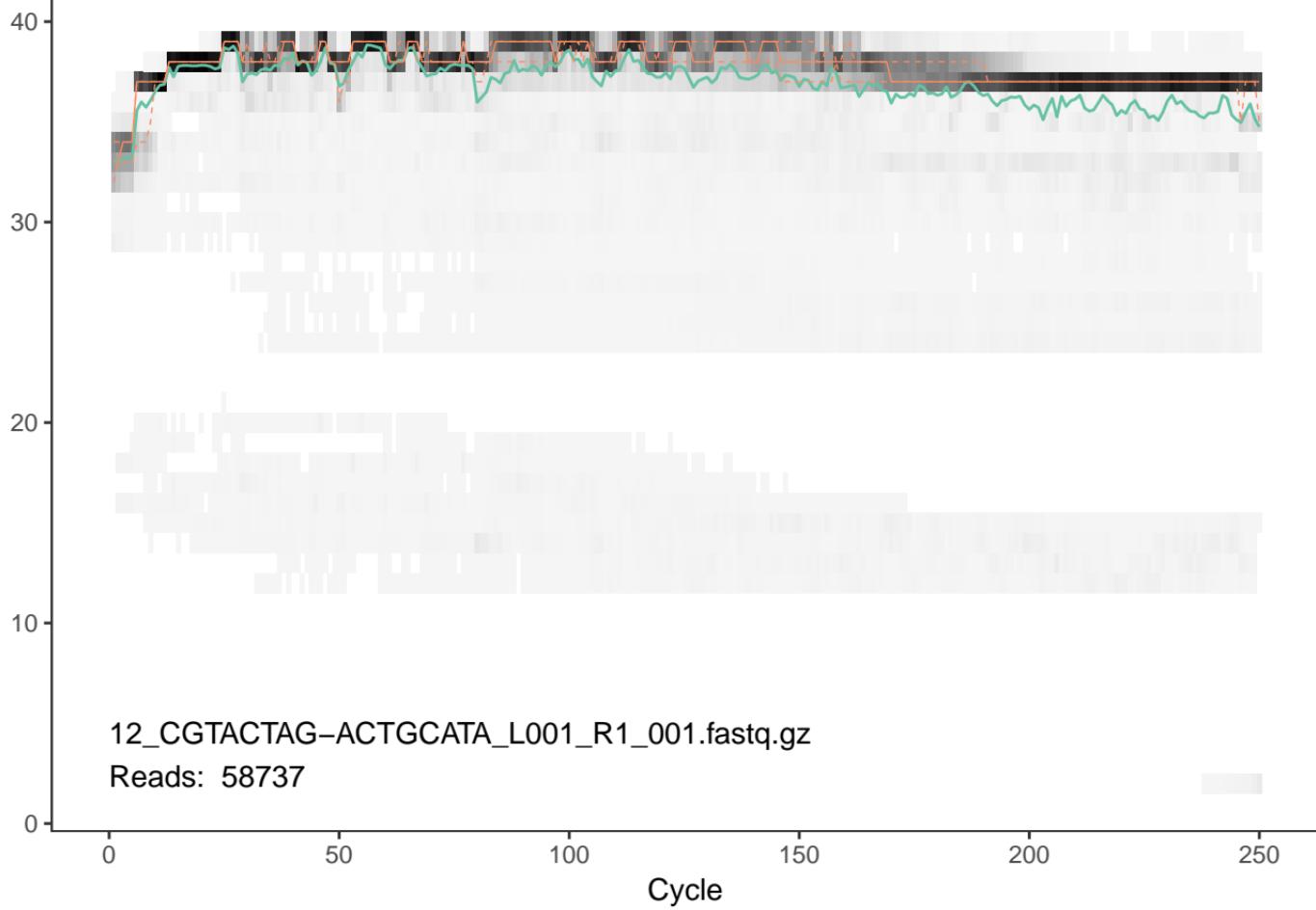
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Quality Score



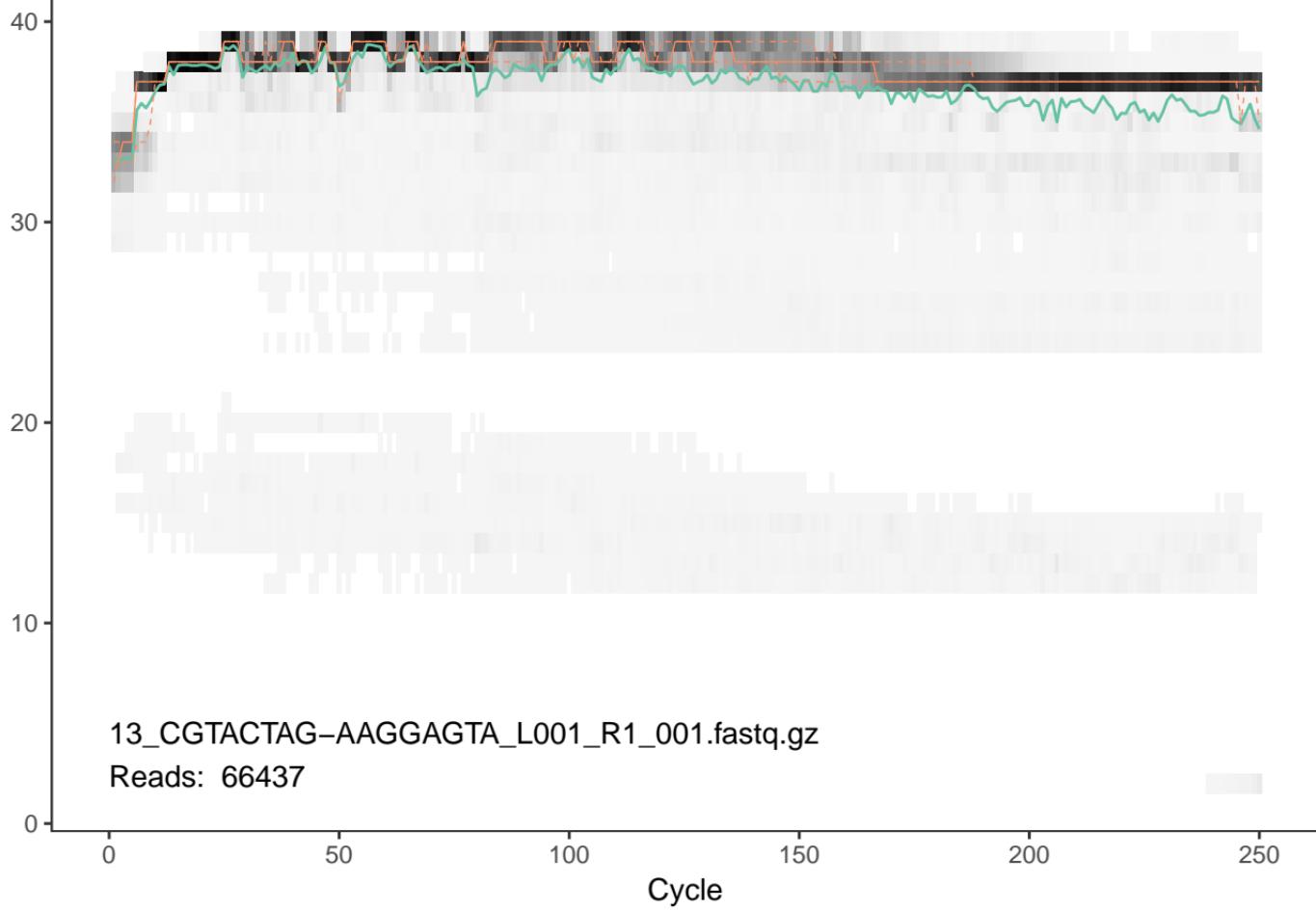
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Quality Score



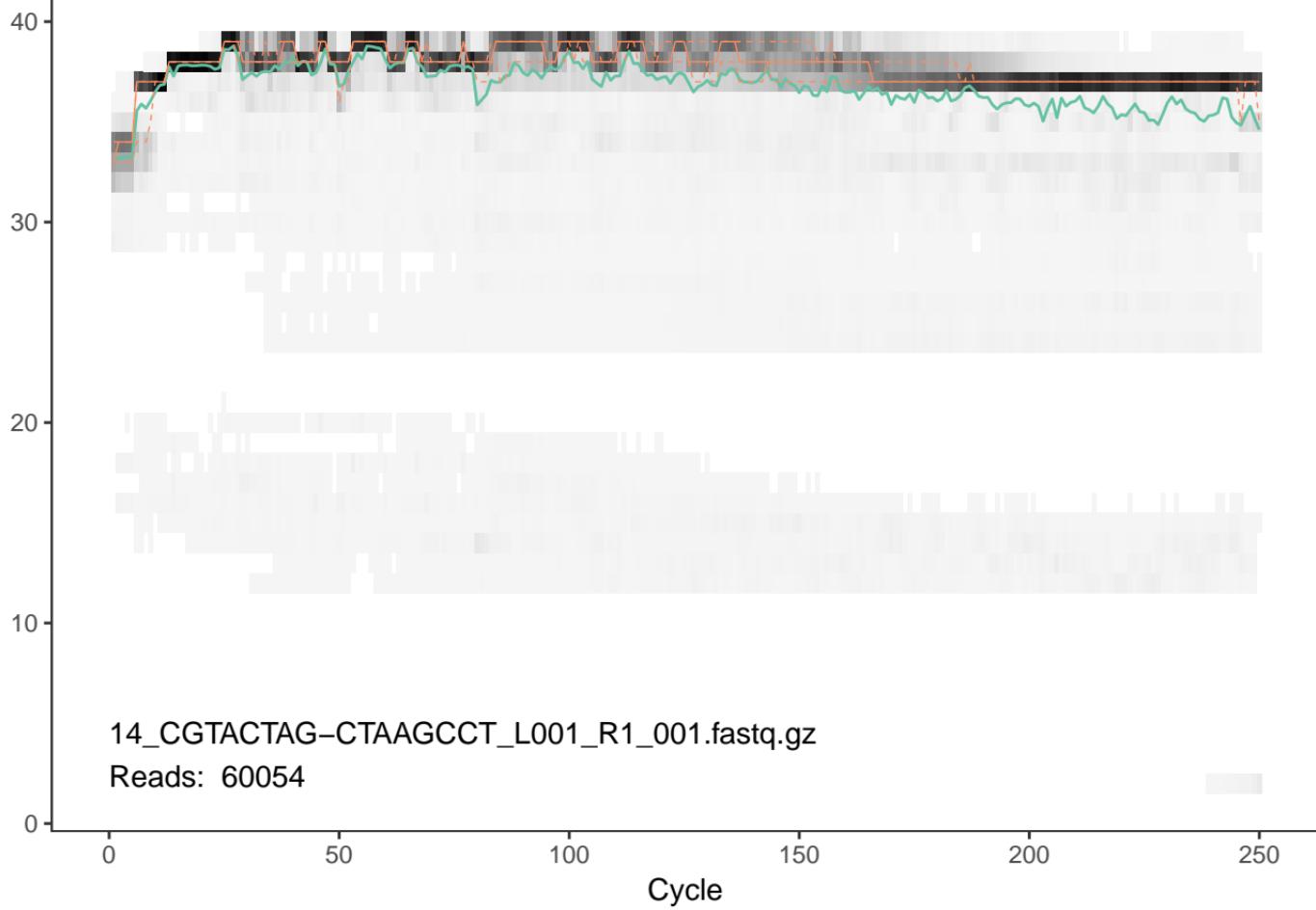
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Quality Score



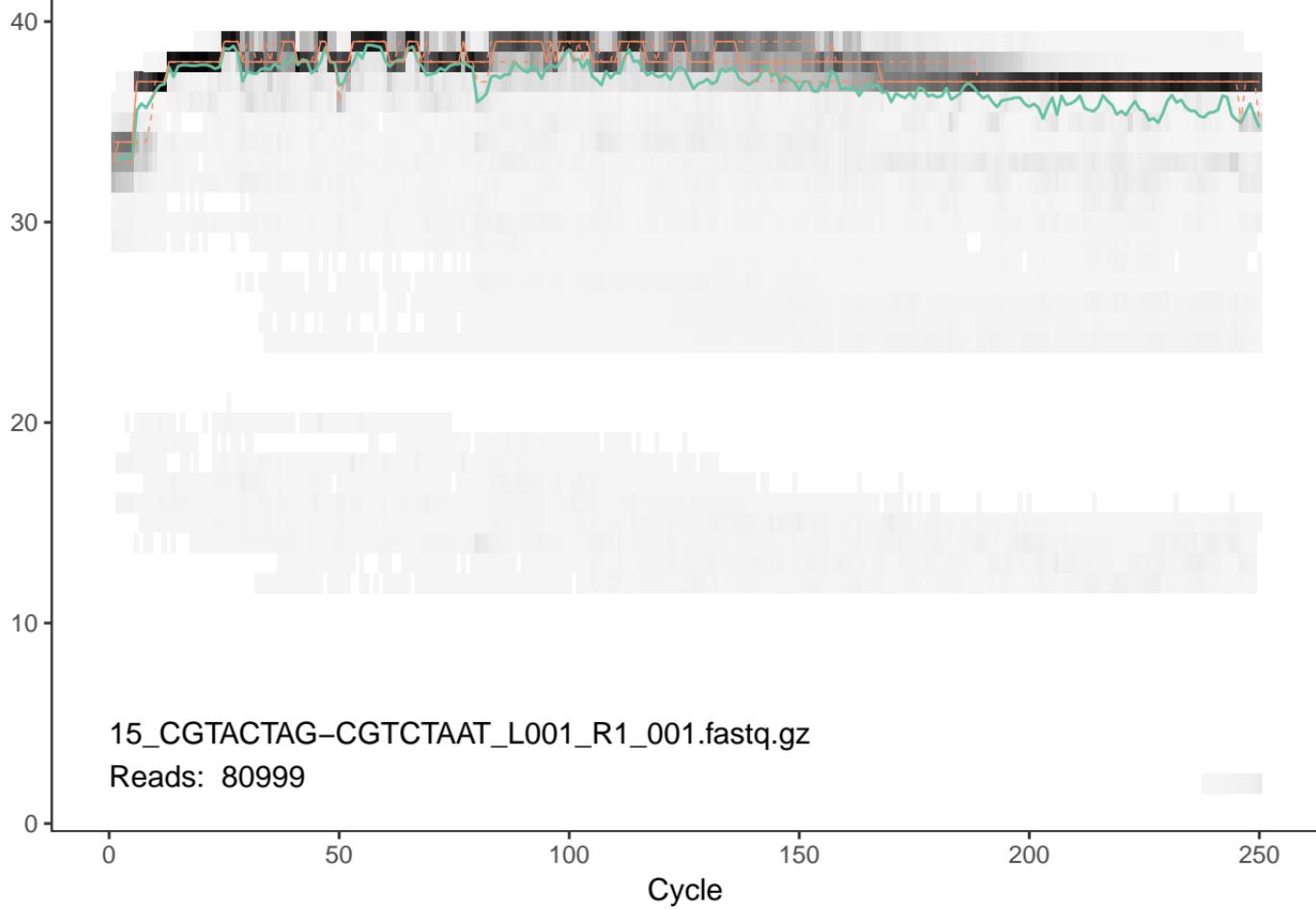
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Quality Score



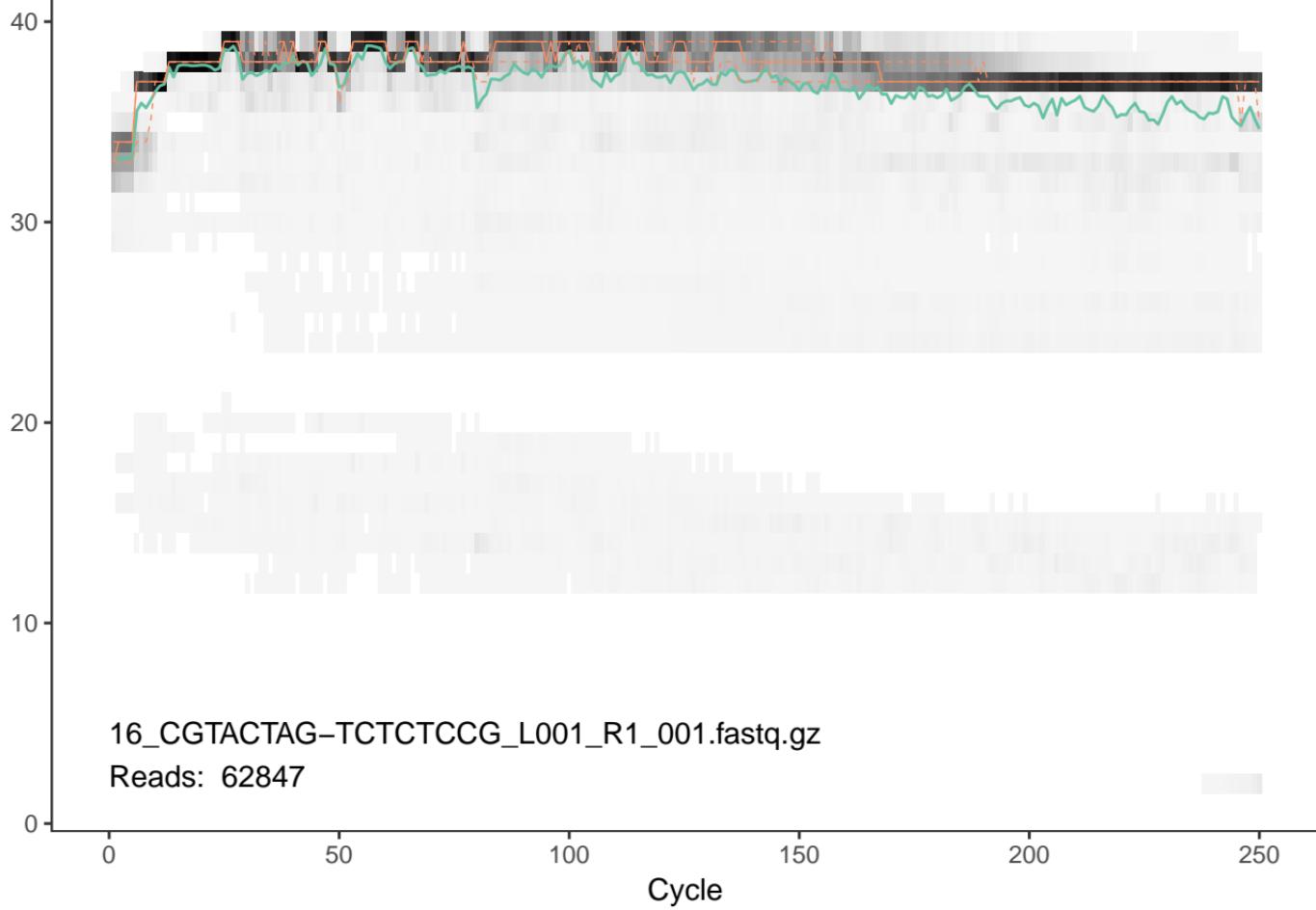
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Quality Score



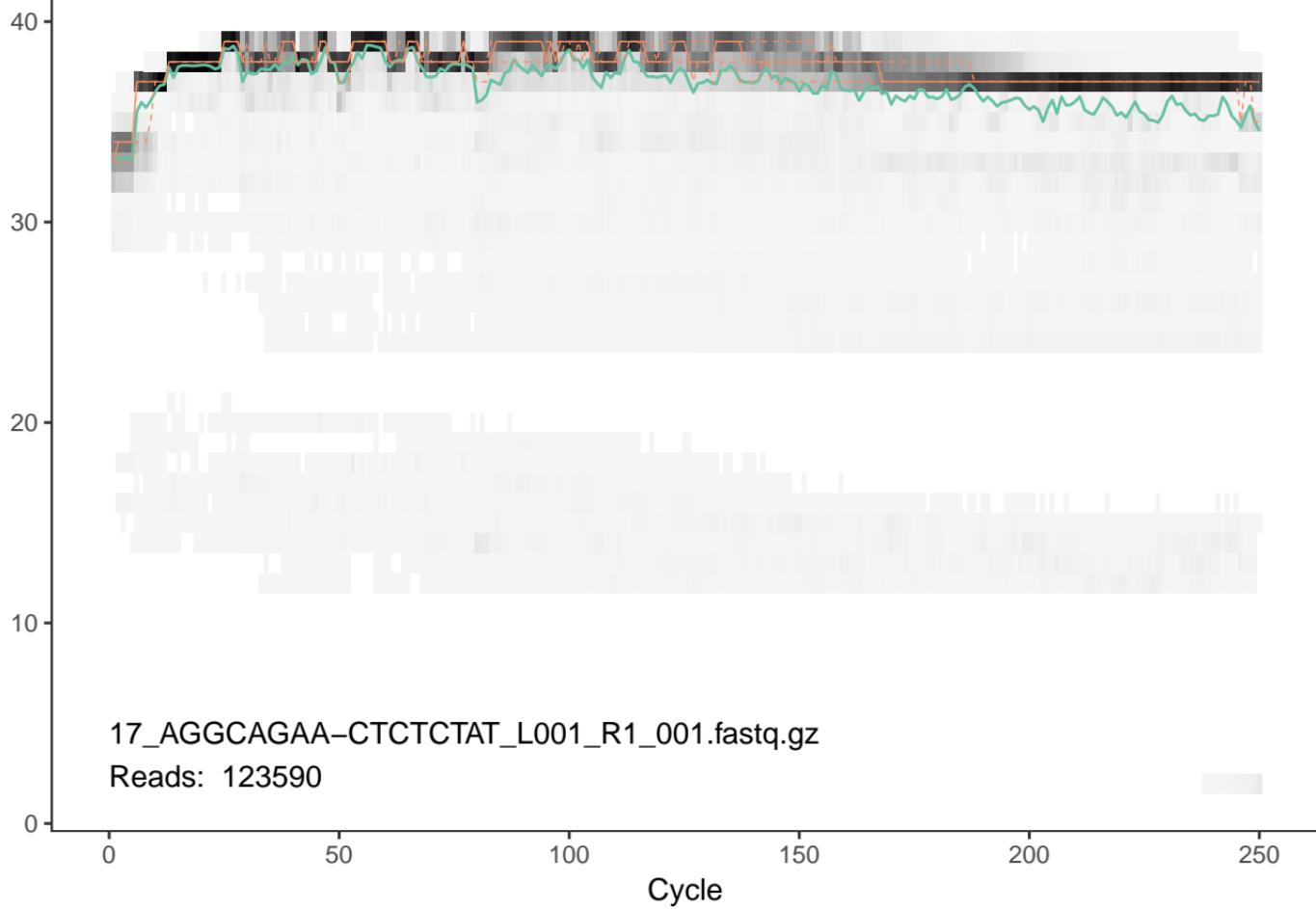
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Quality Score



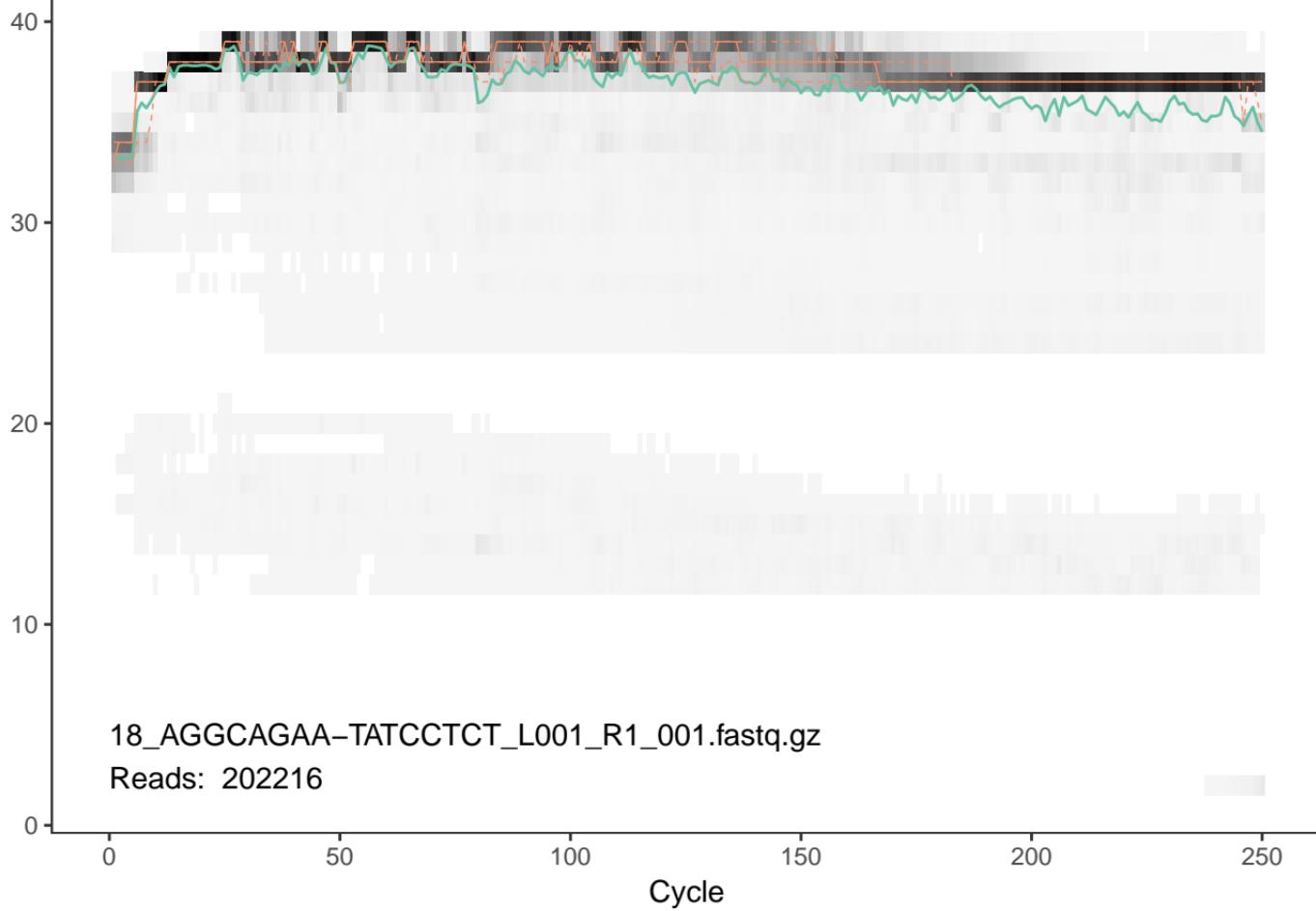
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Quality Score



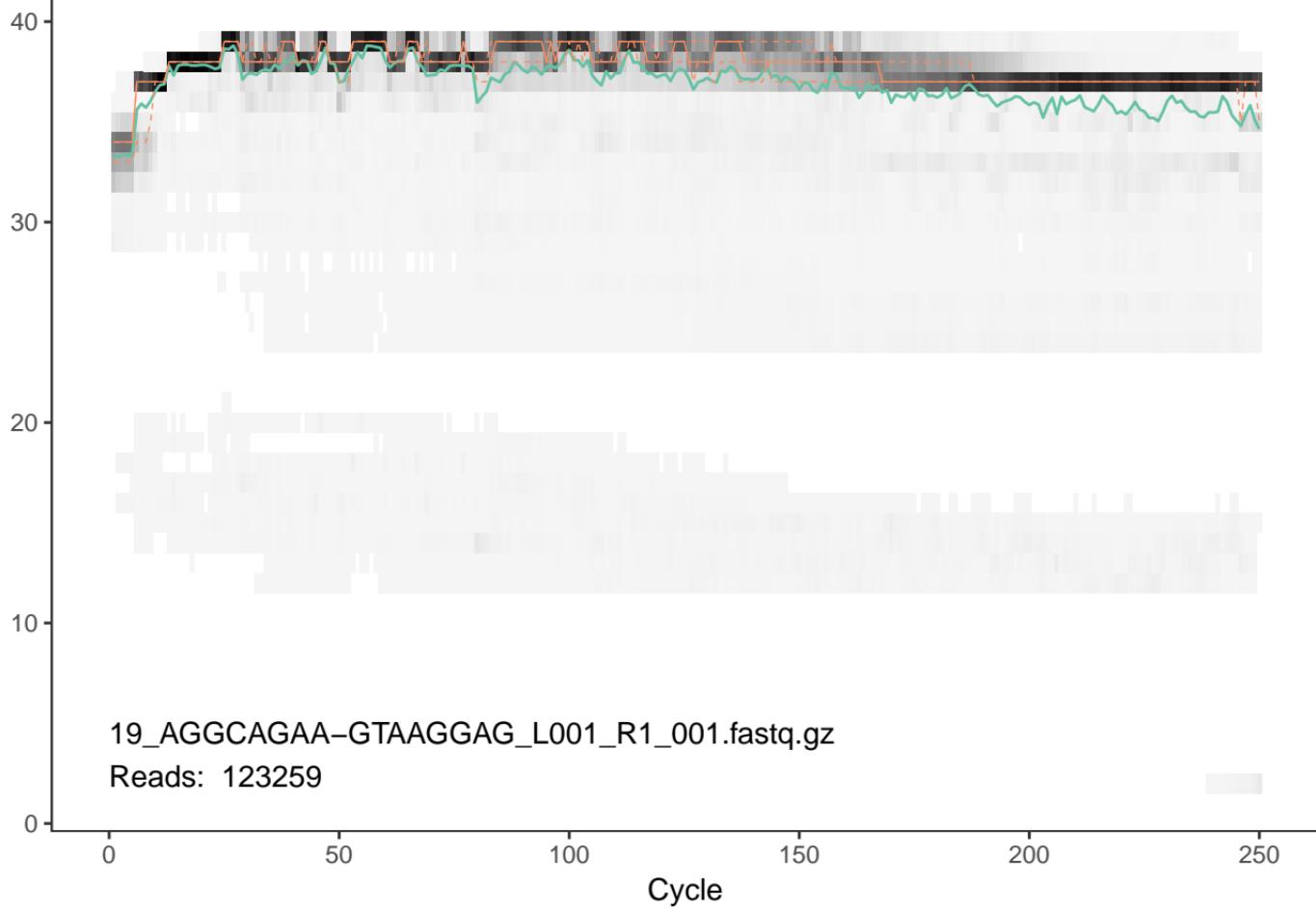
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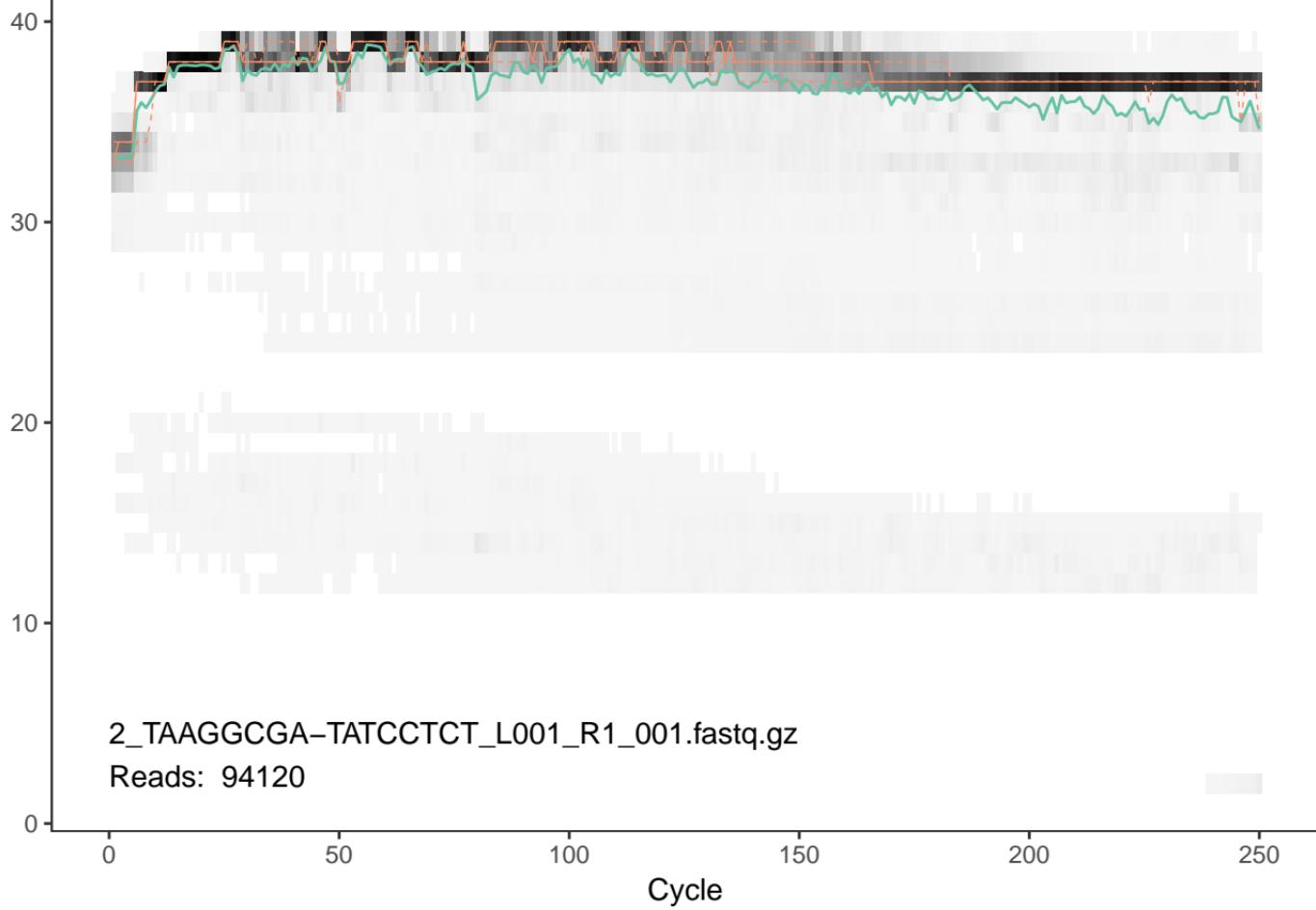
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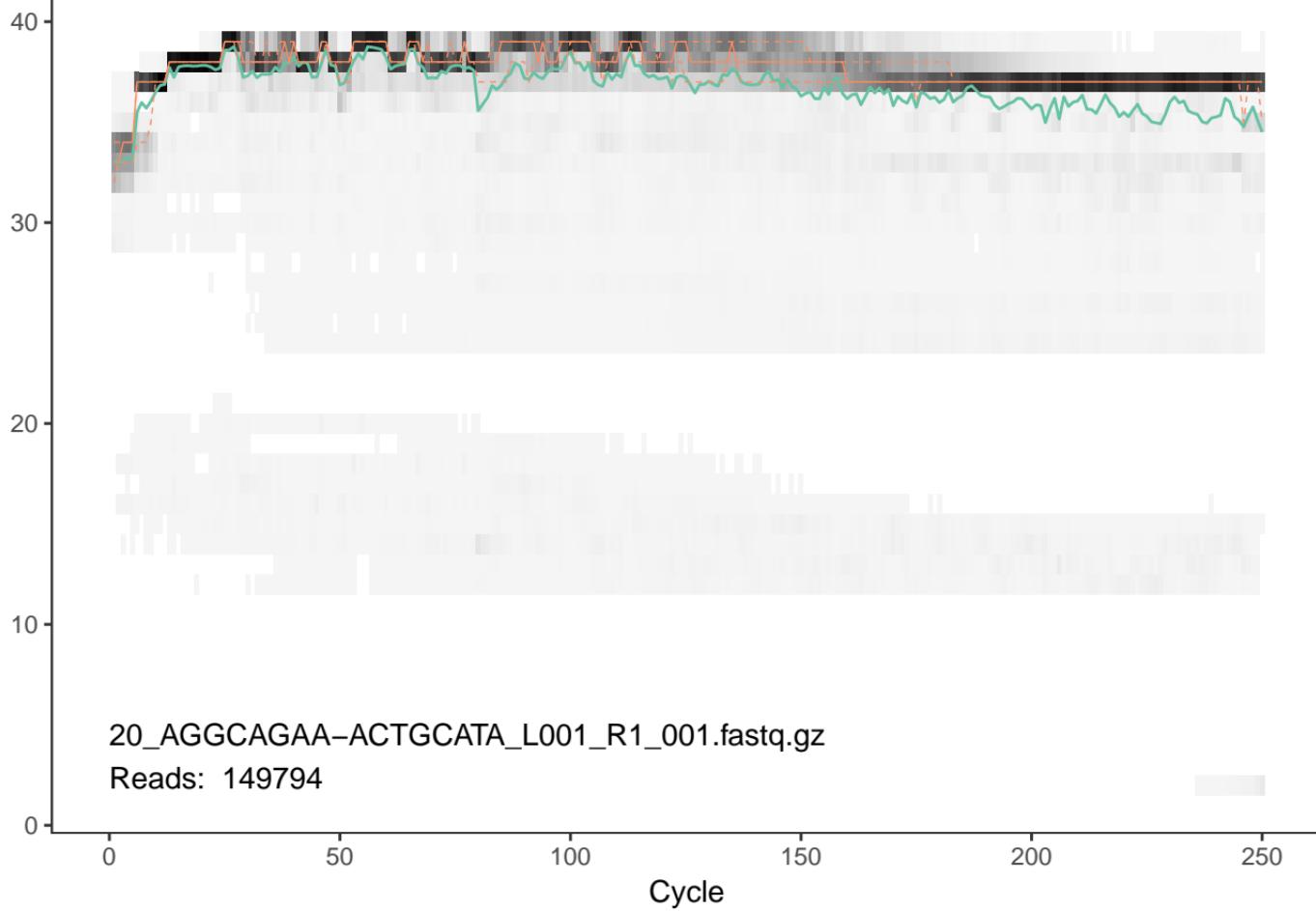
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Quality Score



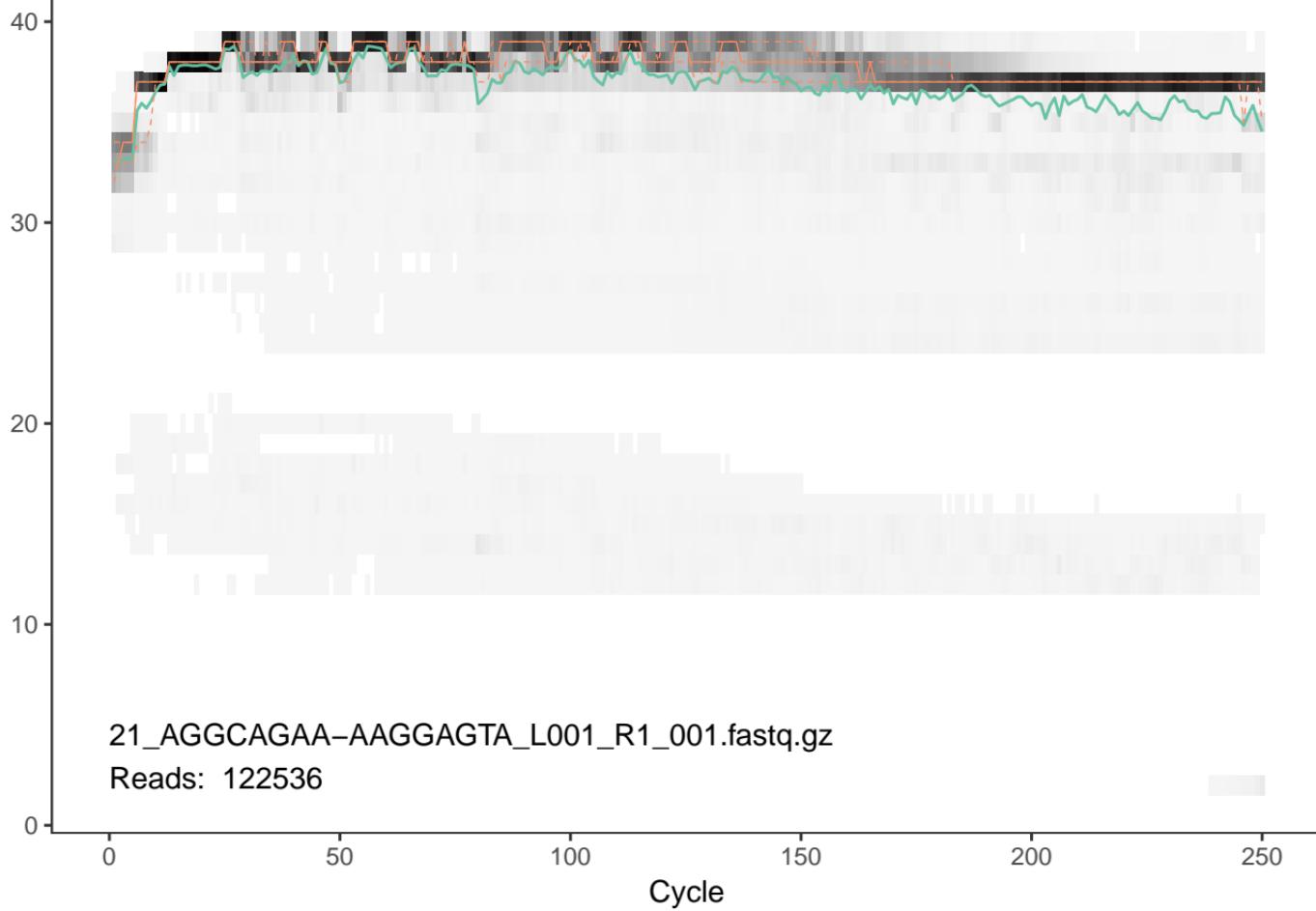
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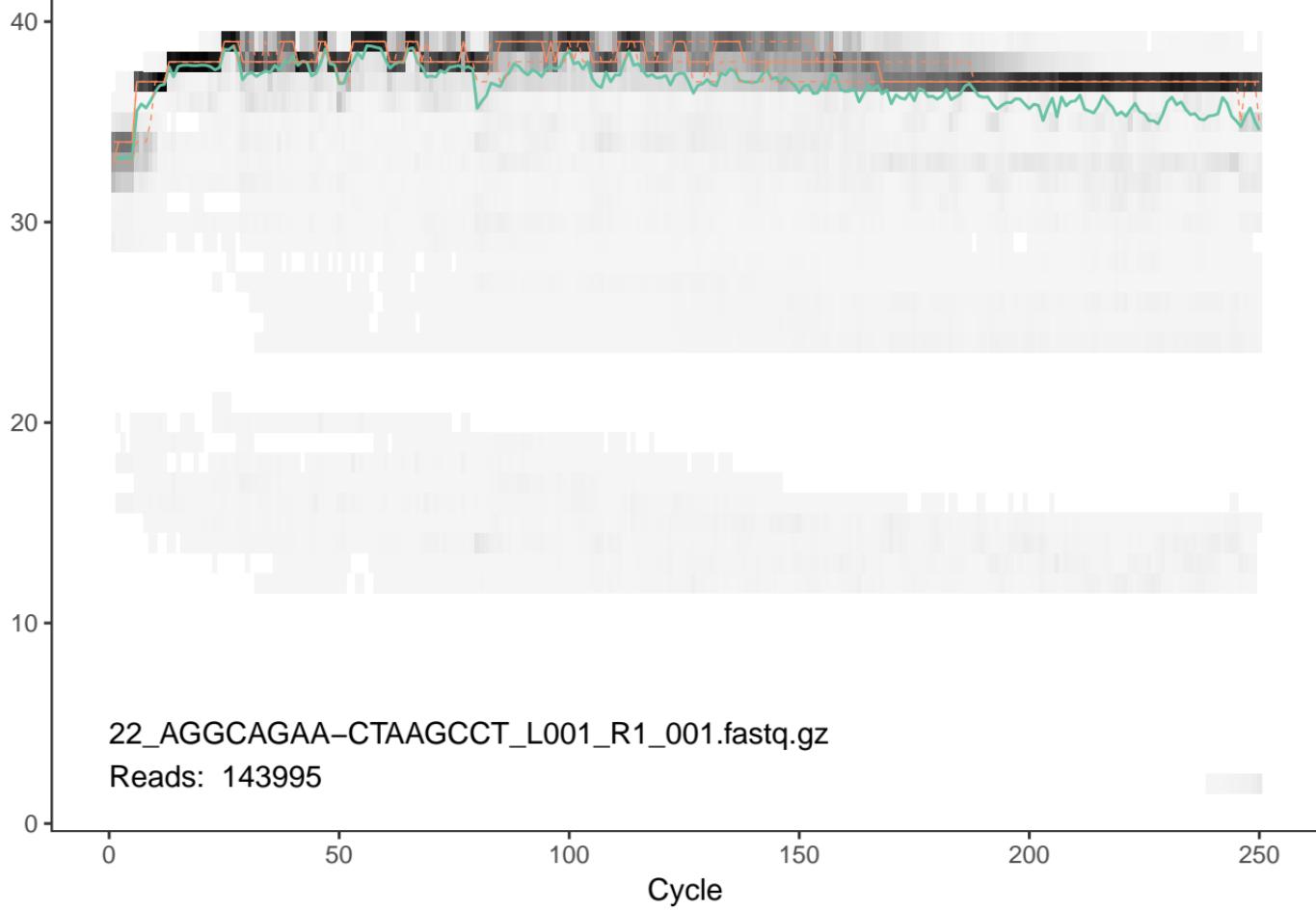
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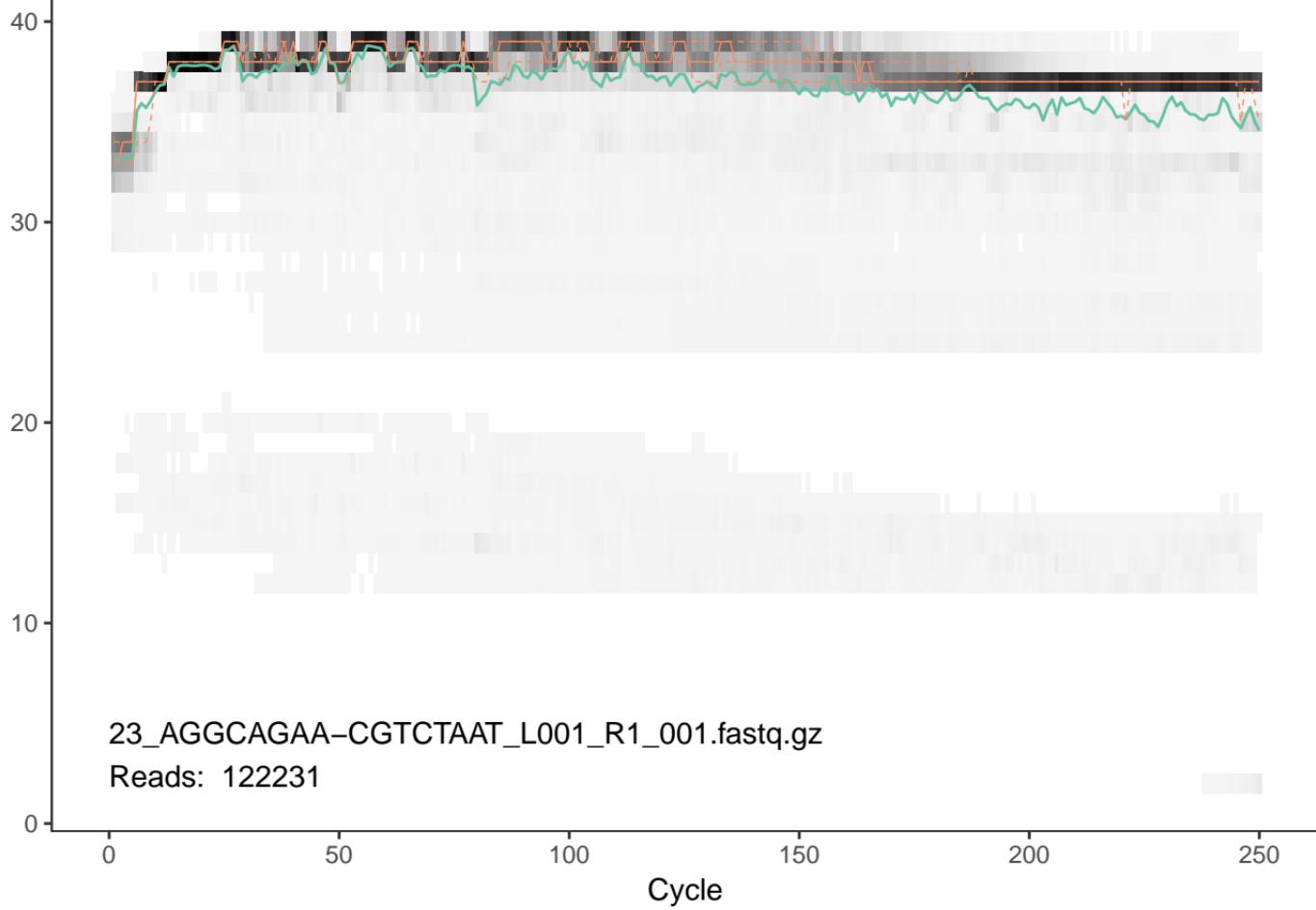
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Quality Score



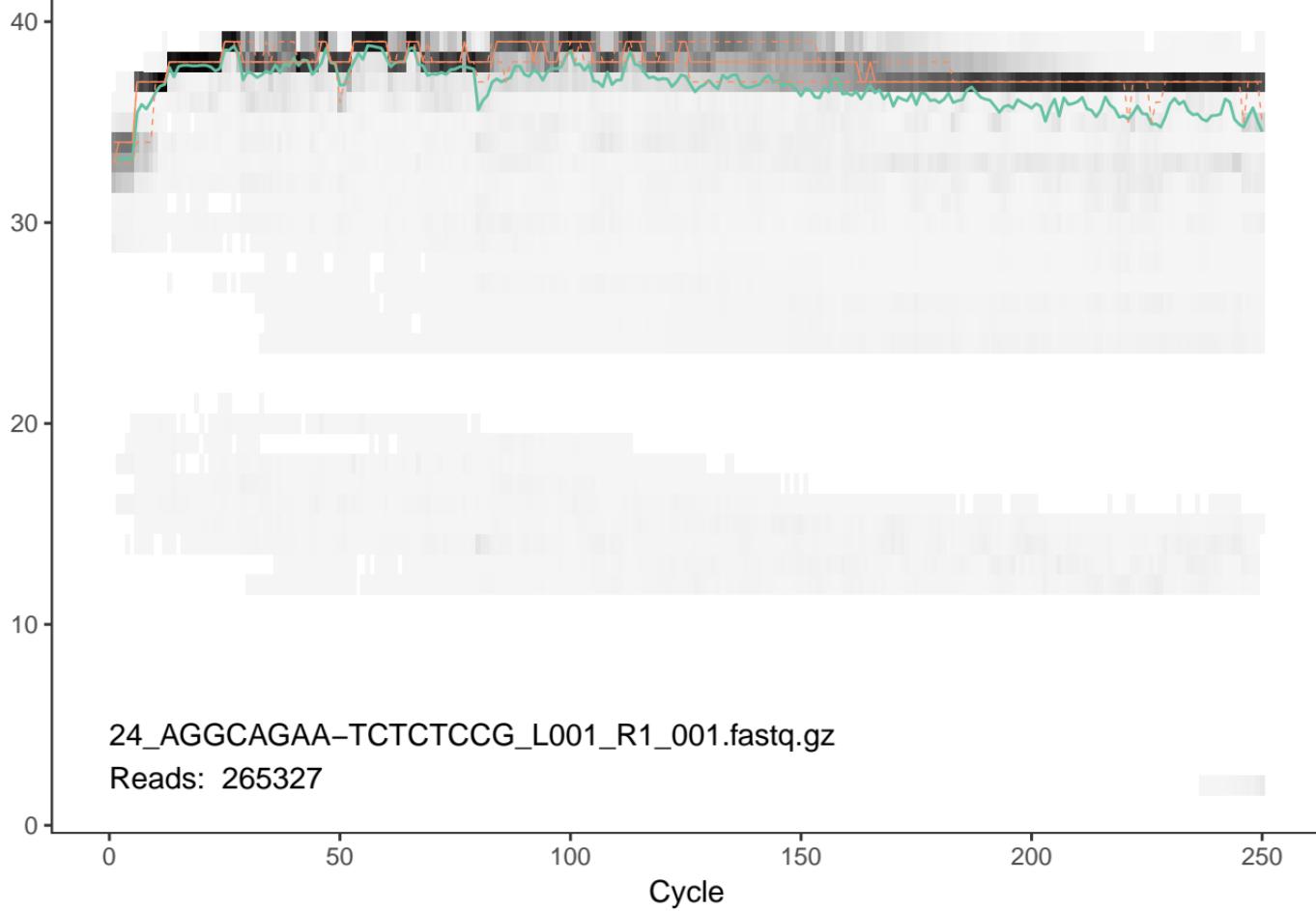
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Quality Score



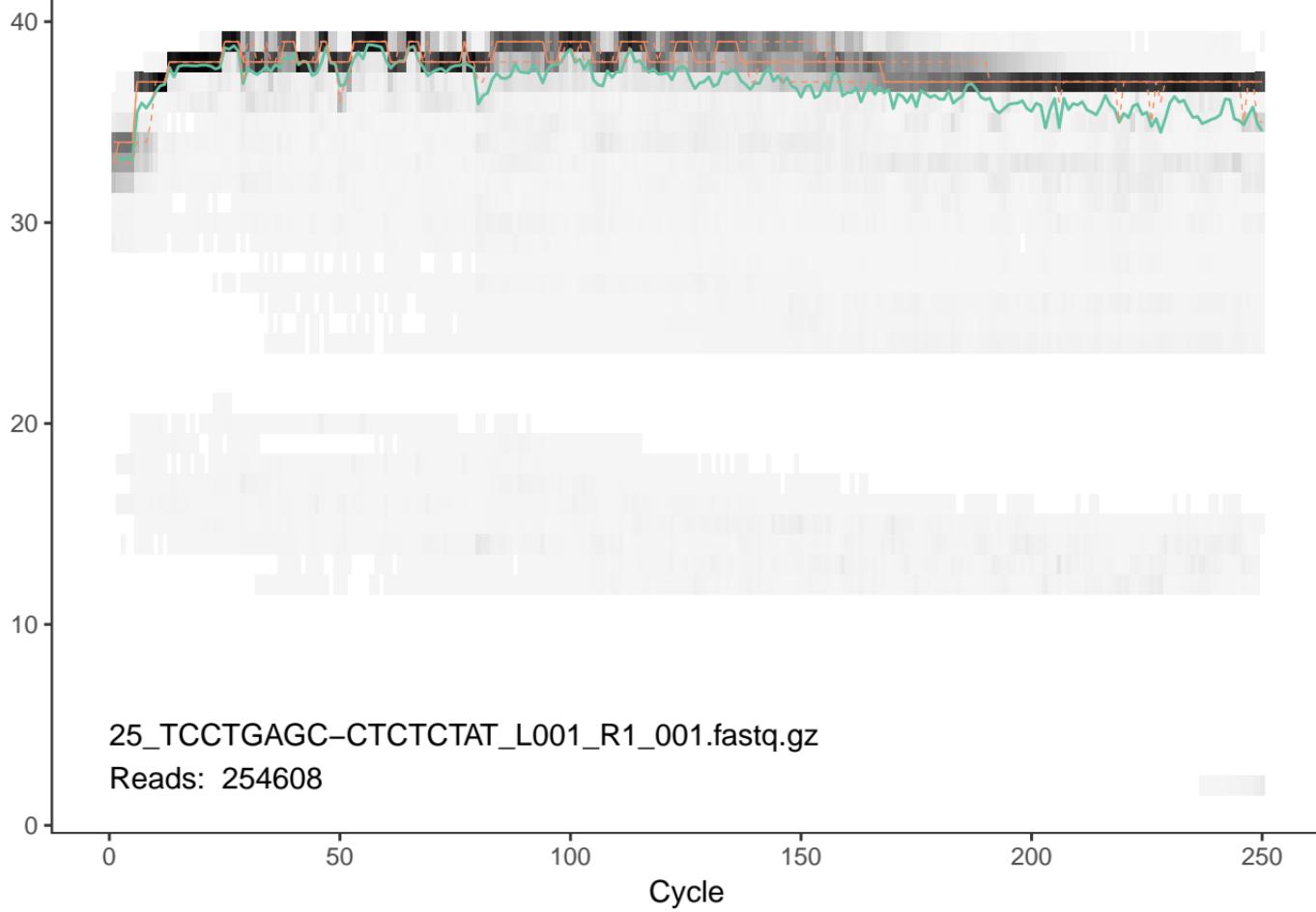
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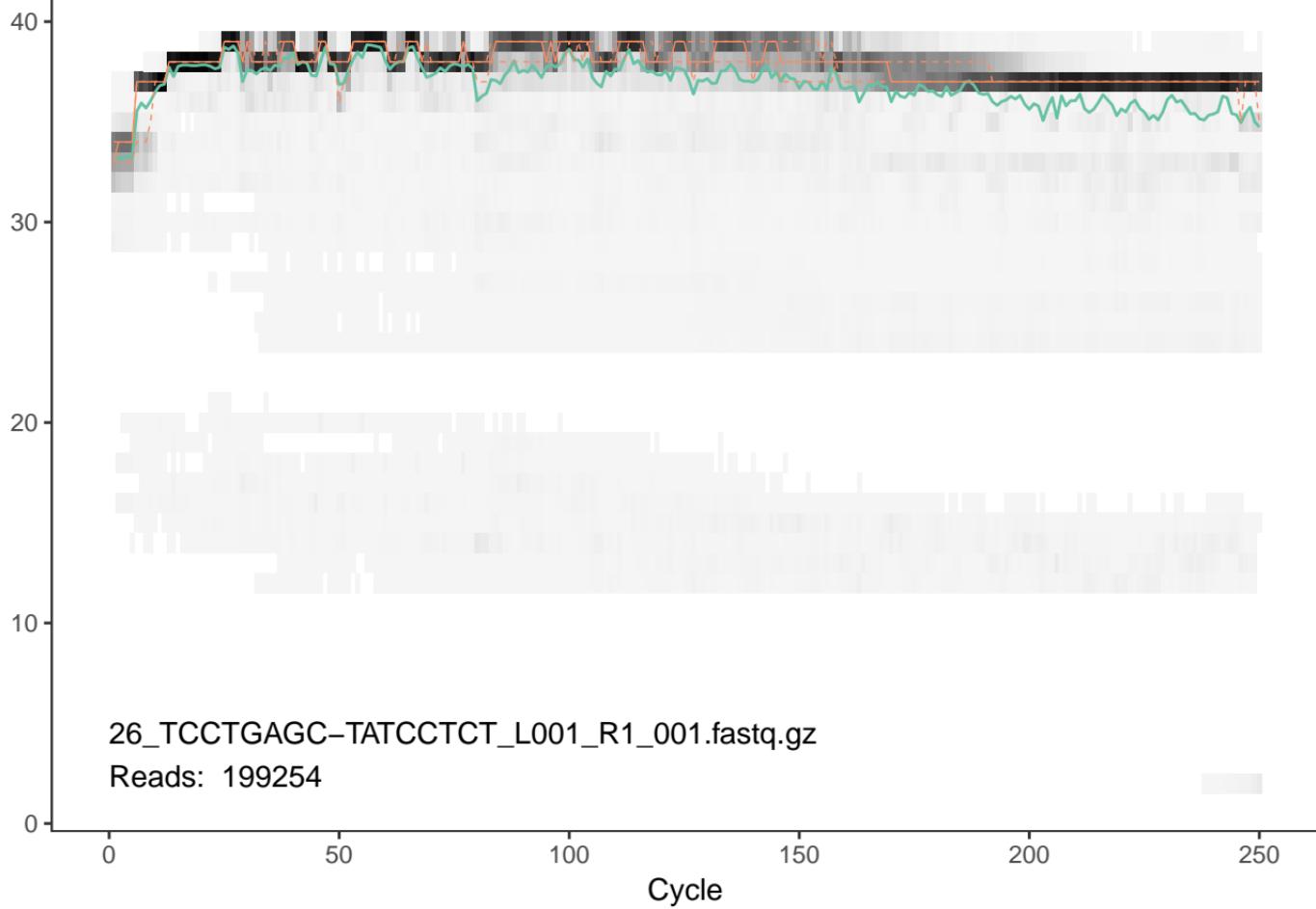
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Quality Score



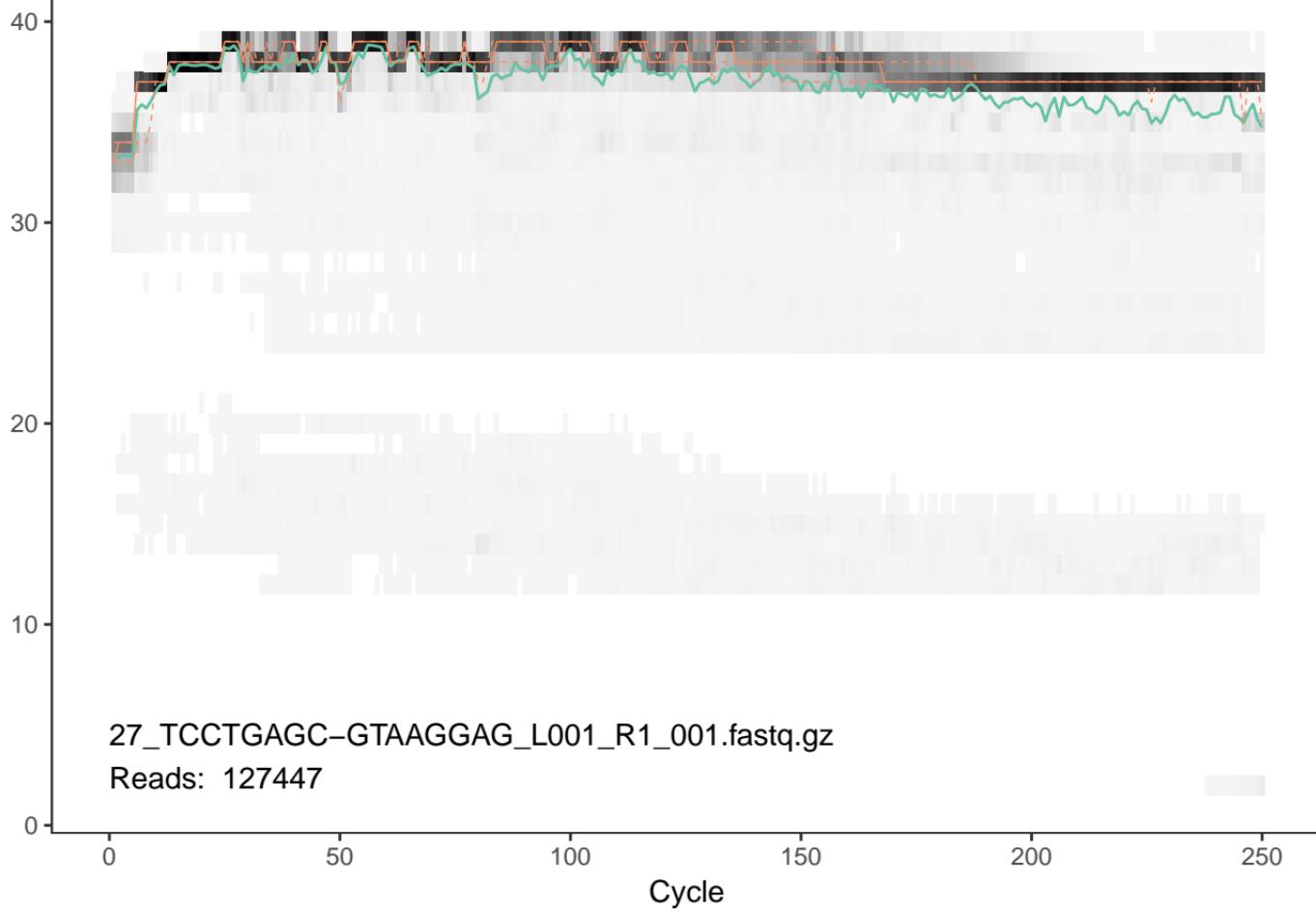
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Quality Score



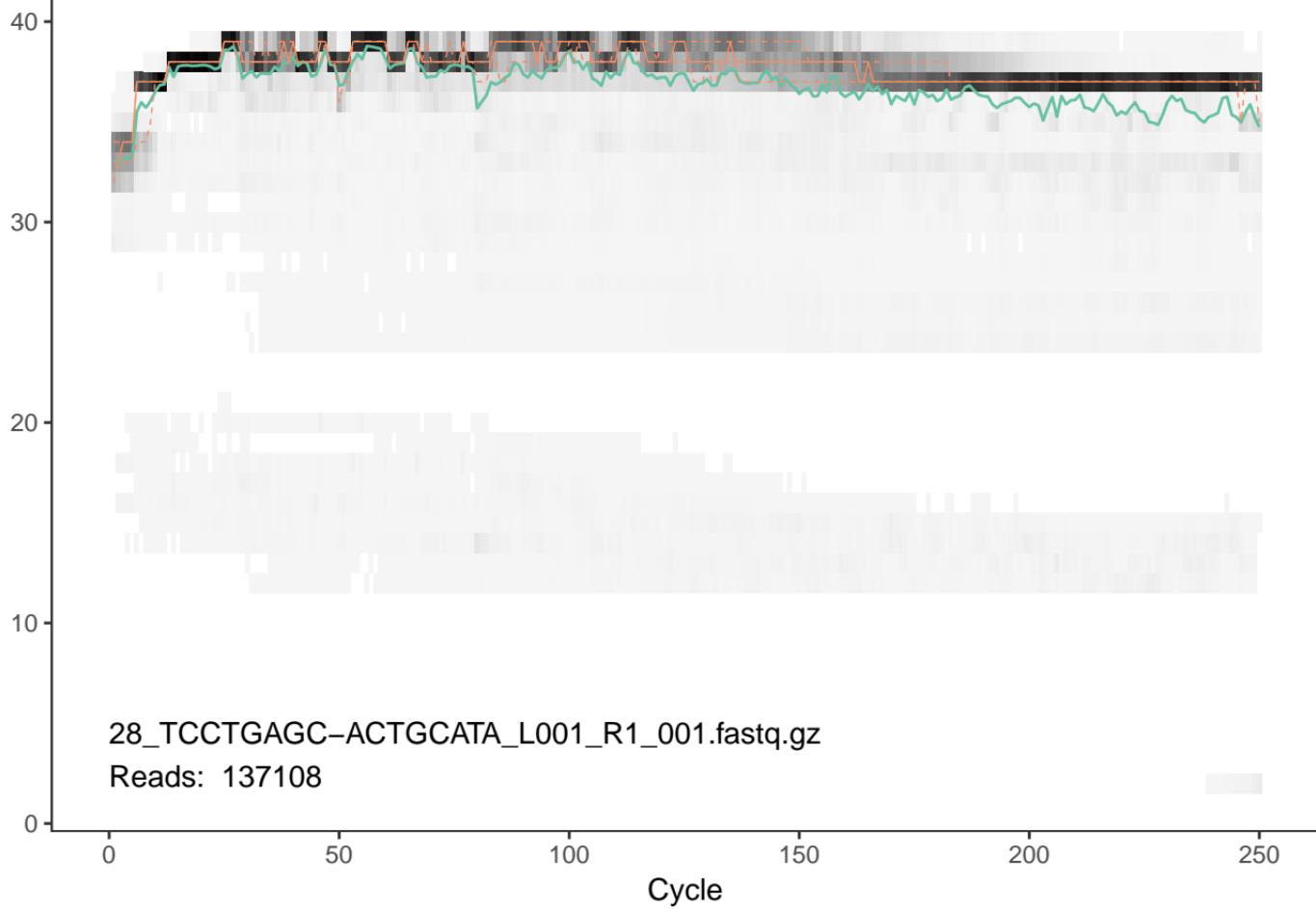
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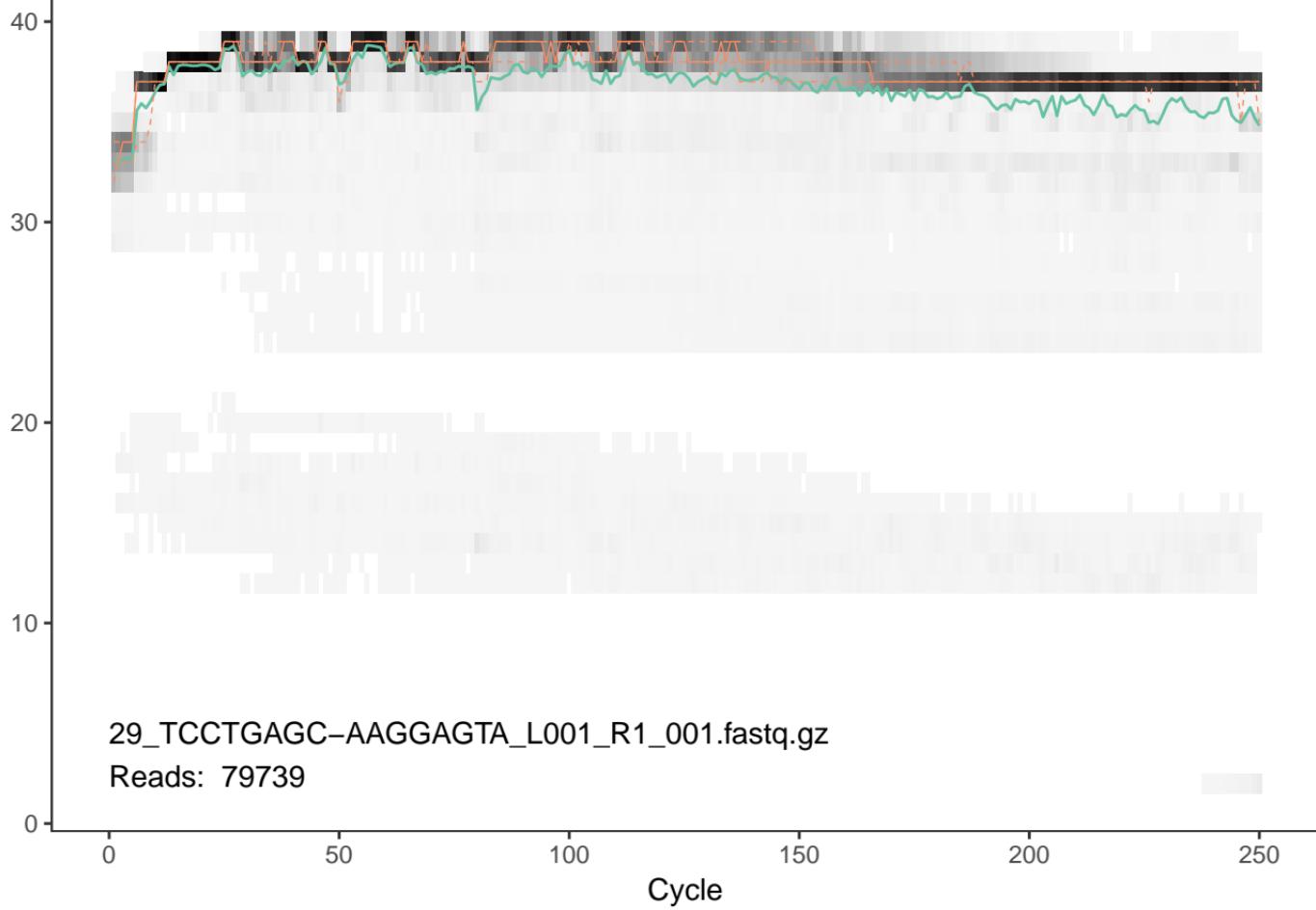
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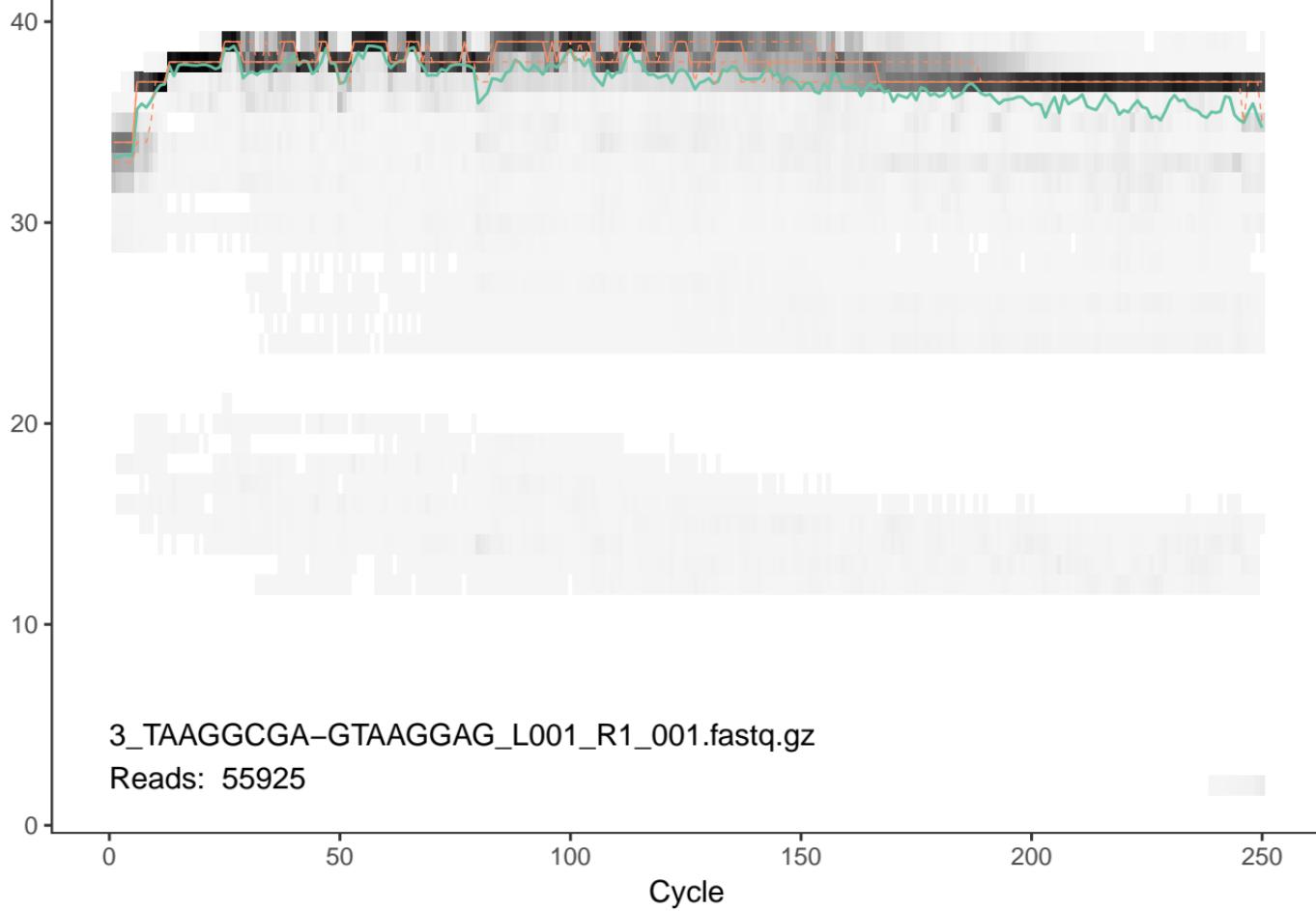
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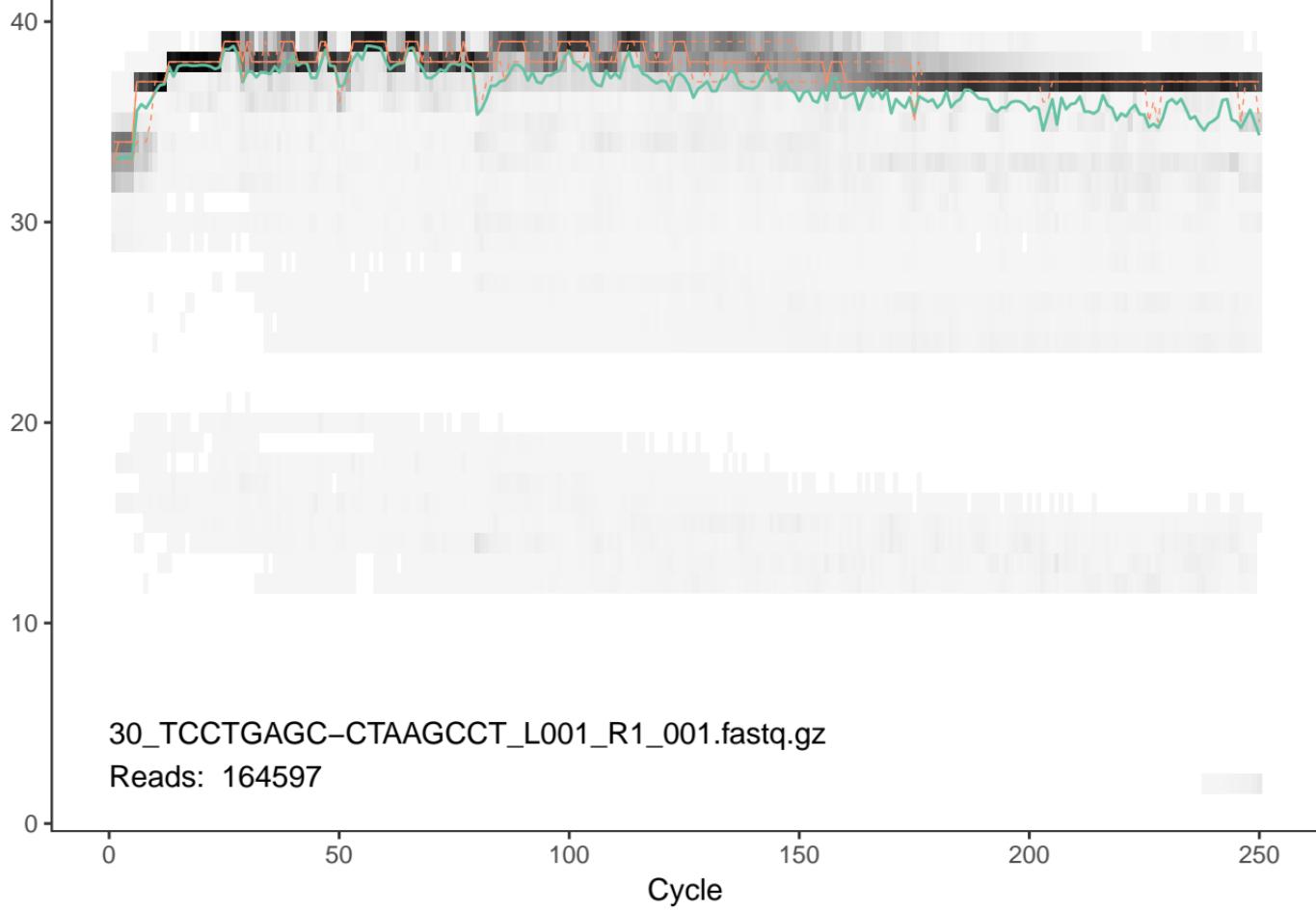
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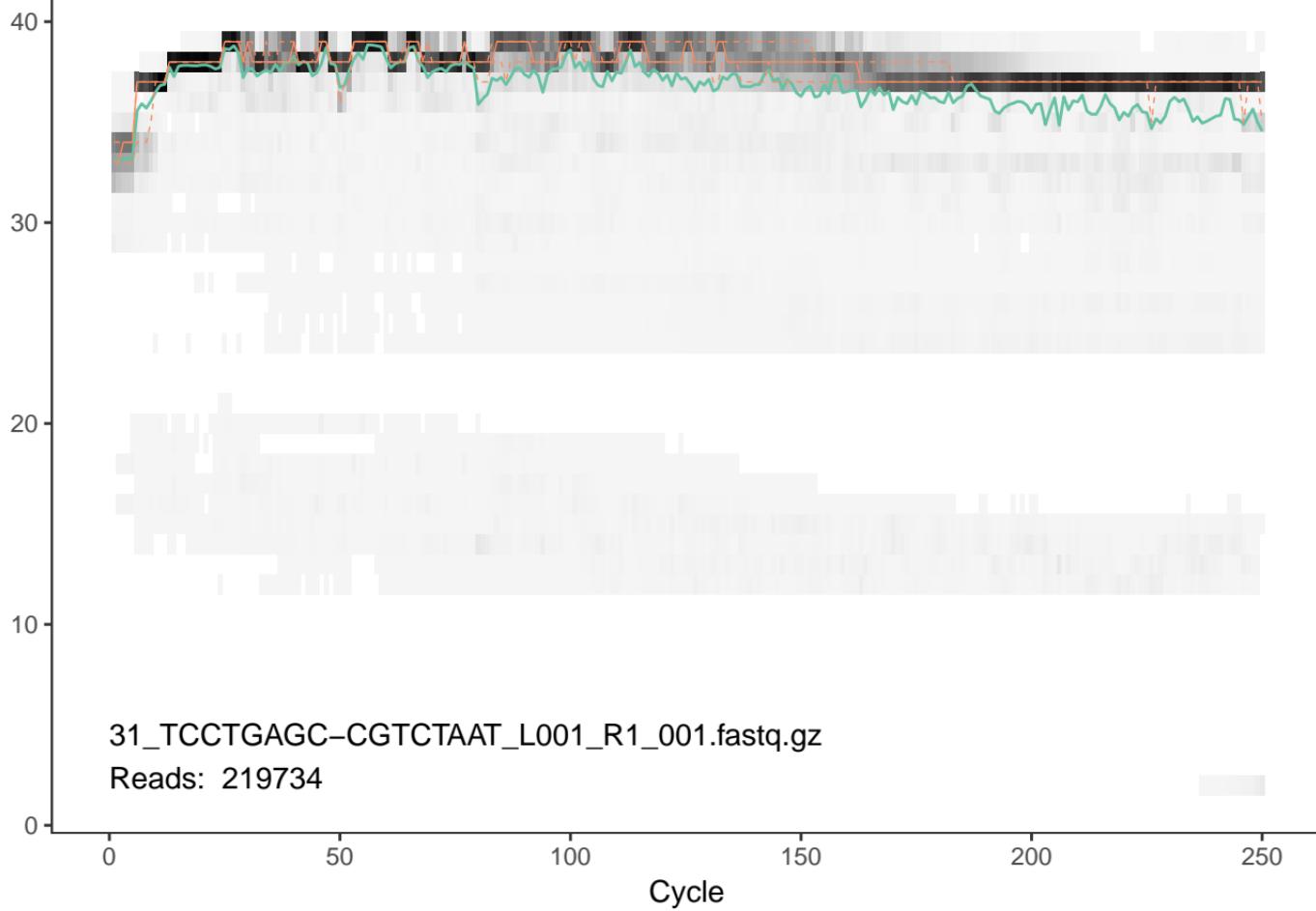
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Quality Score



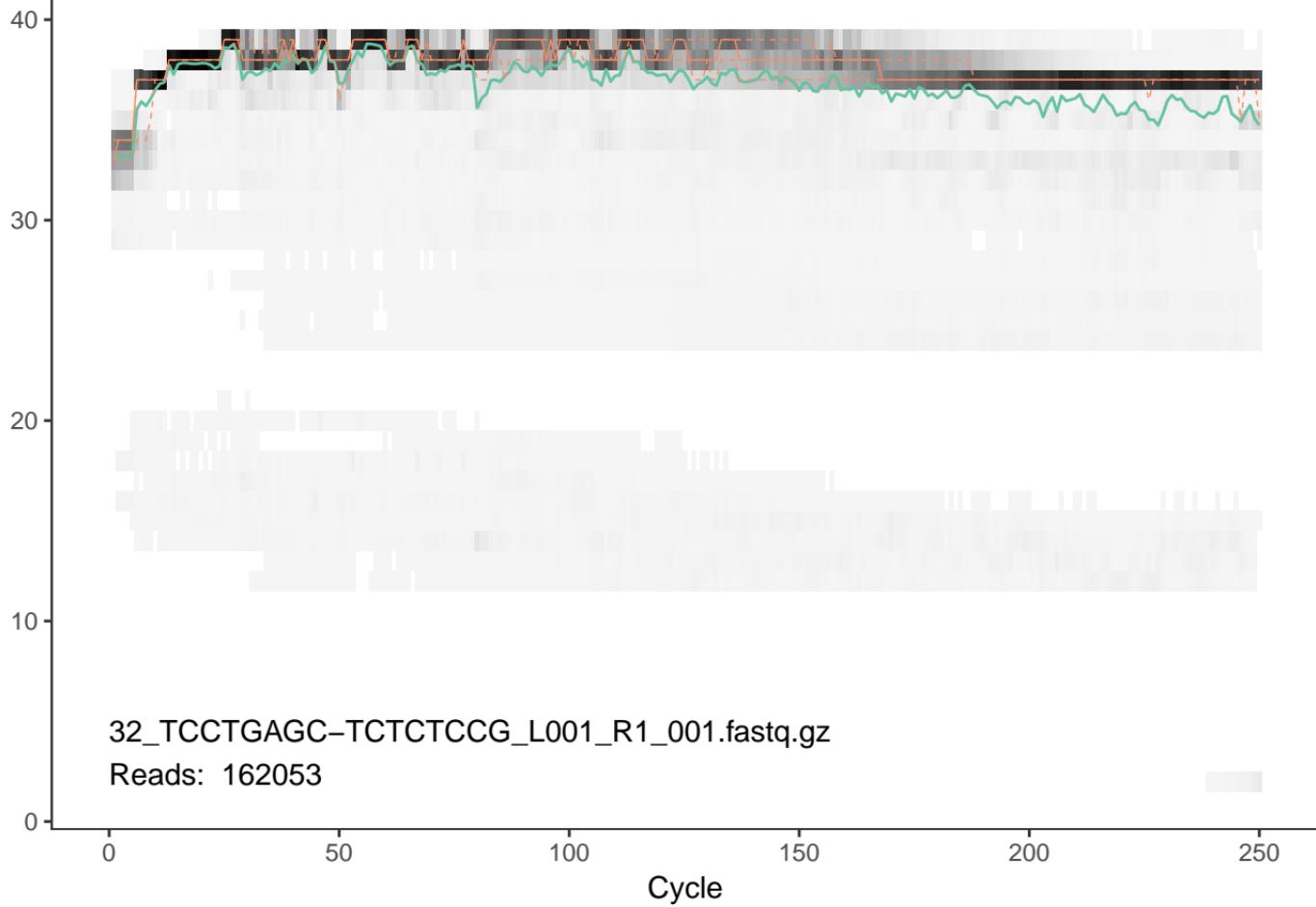
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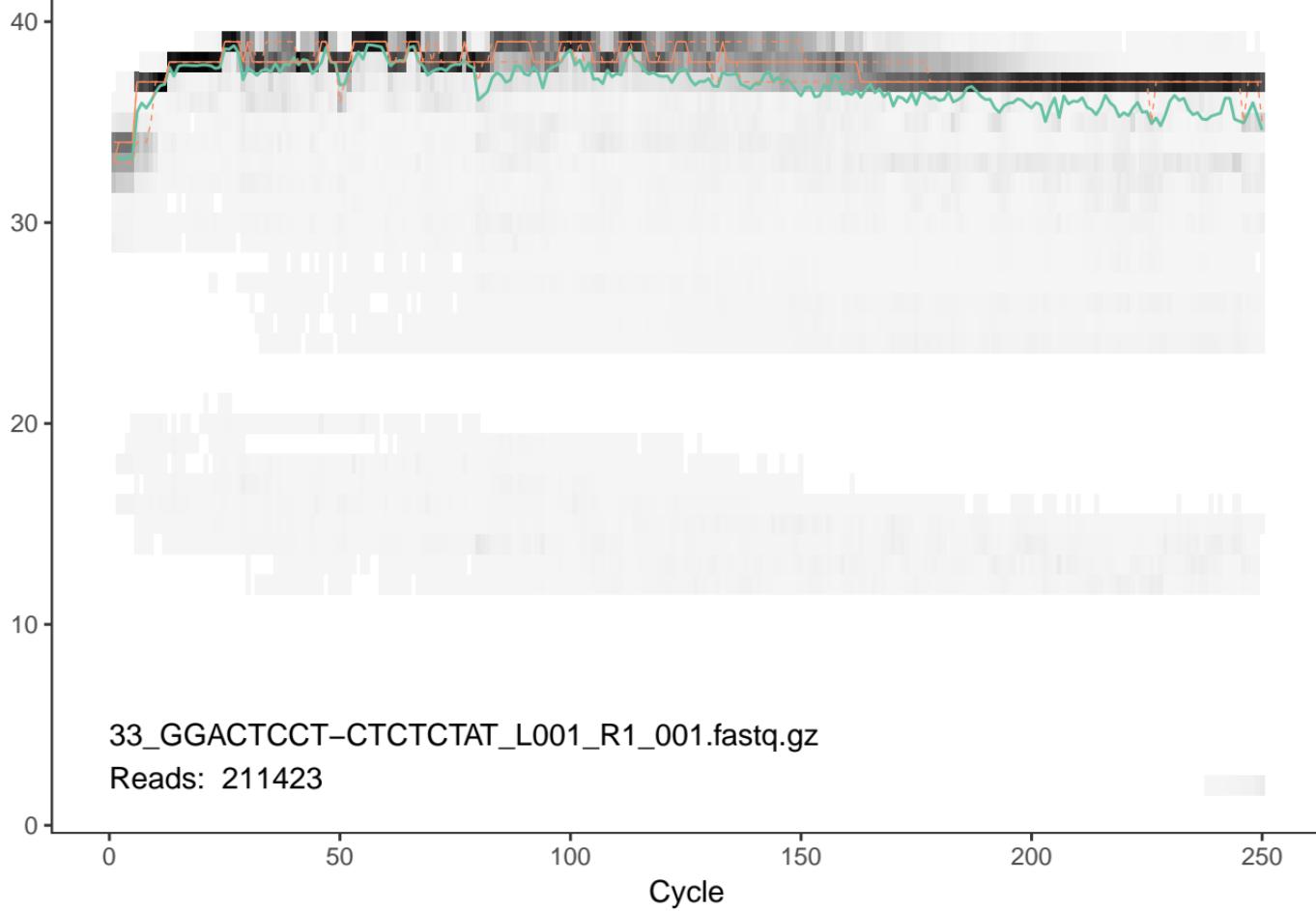
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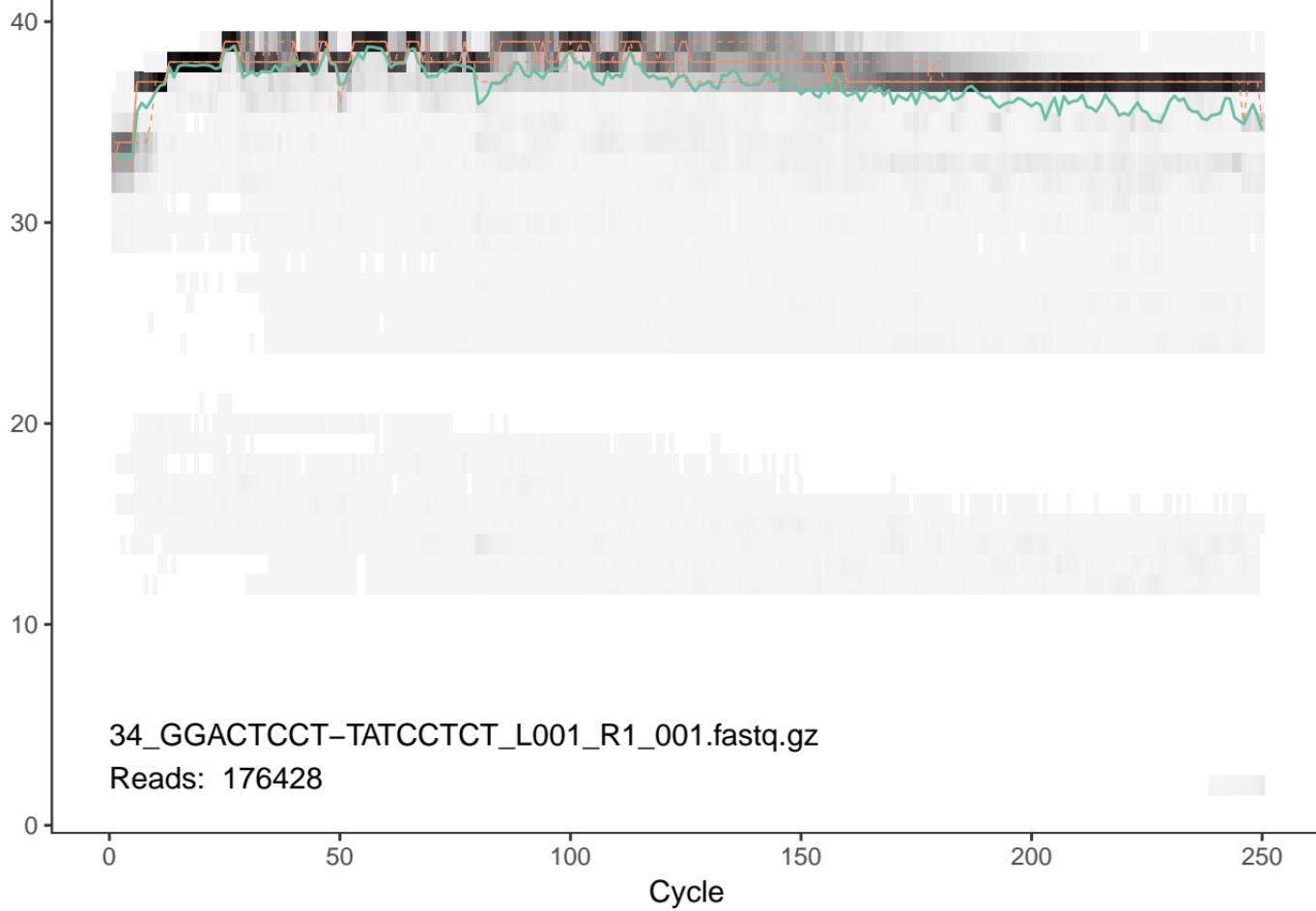
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Quality Score



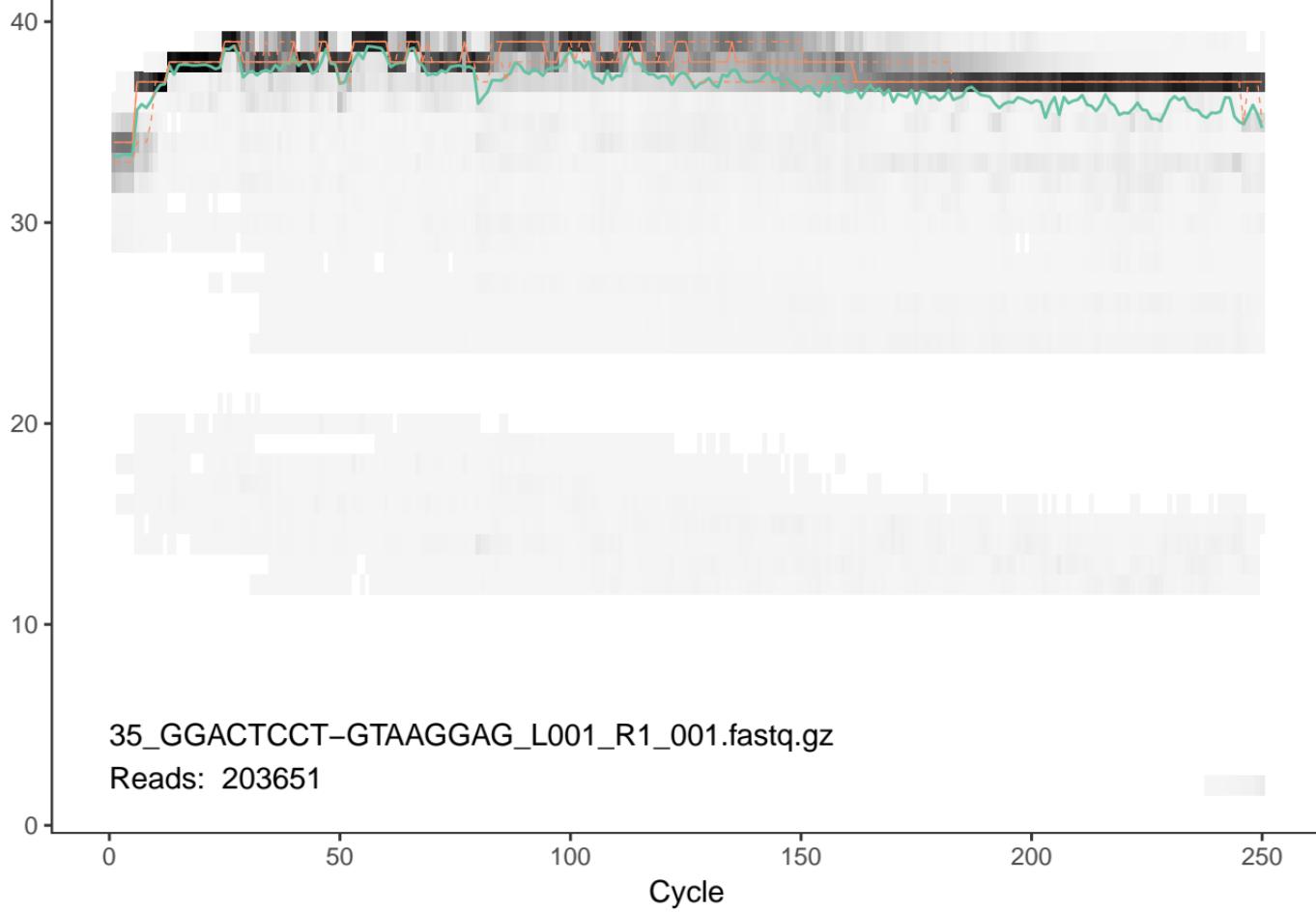
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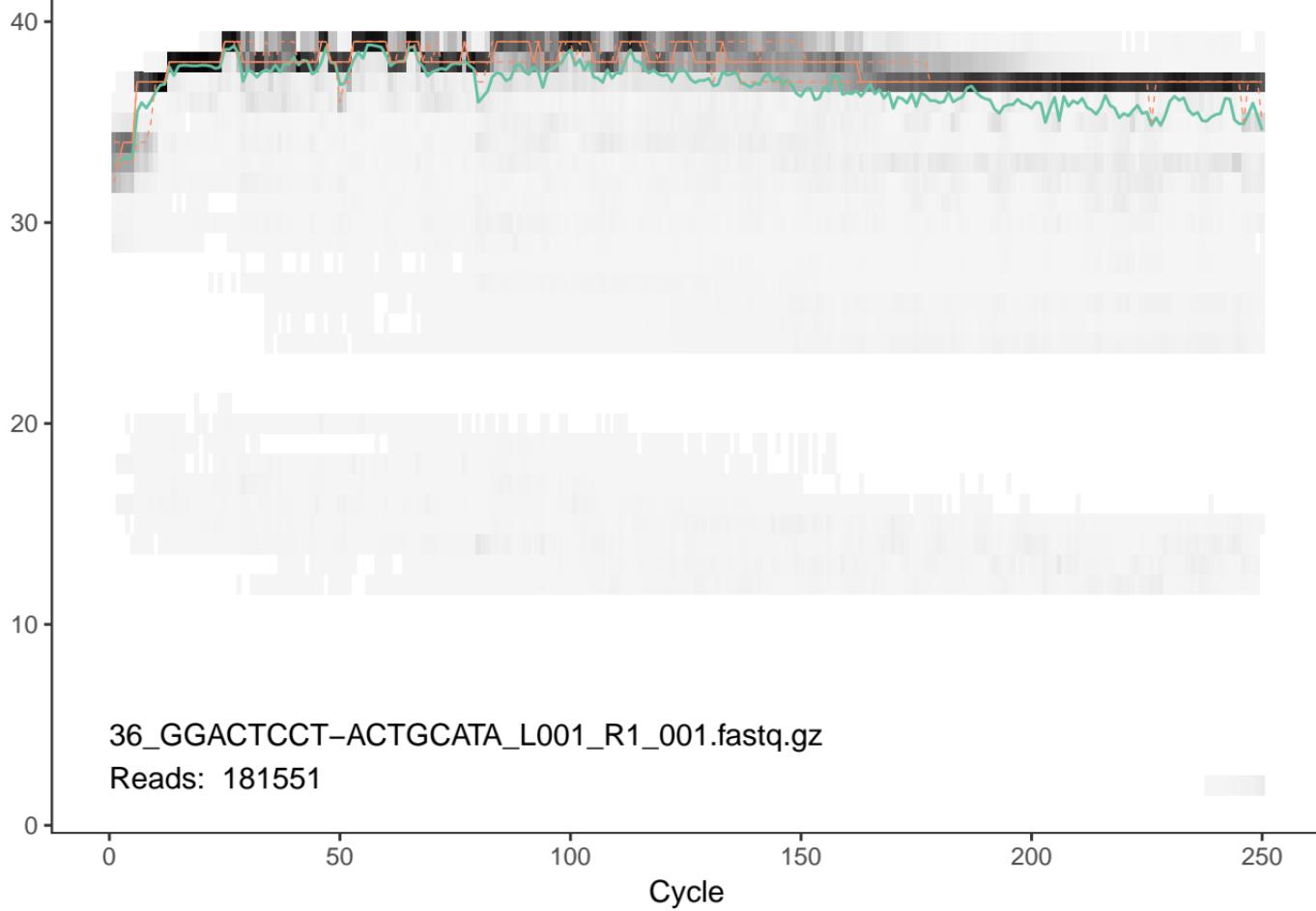
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Quality Score



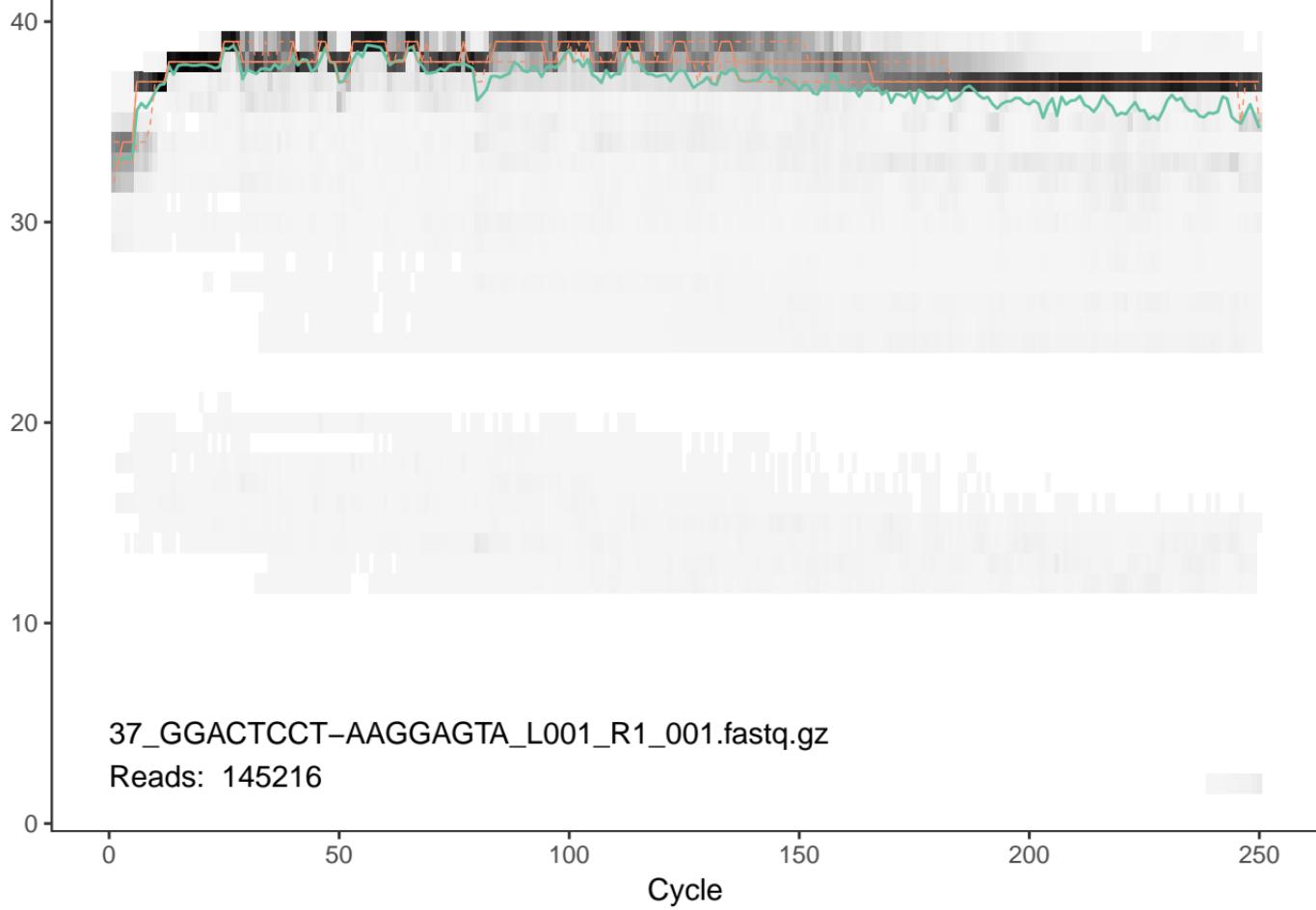
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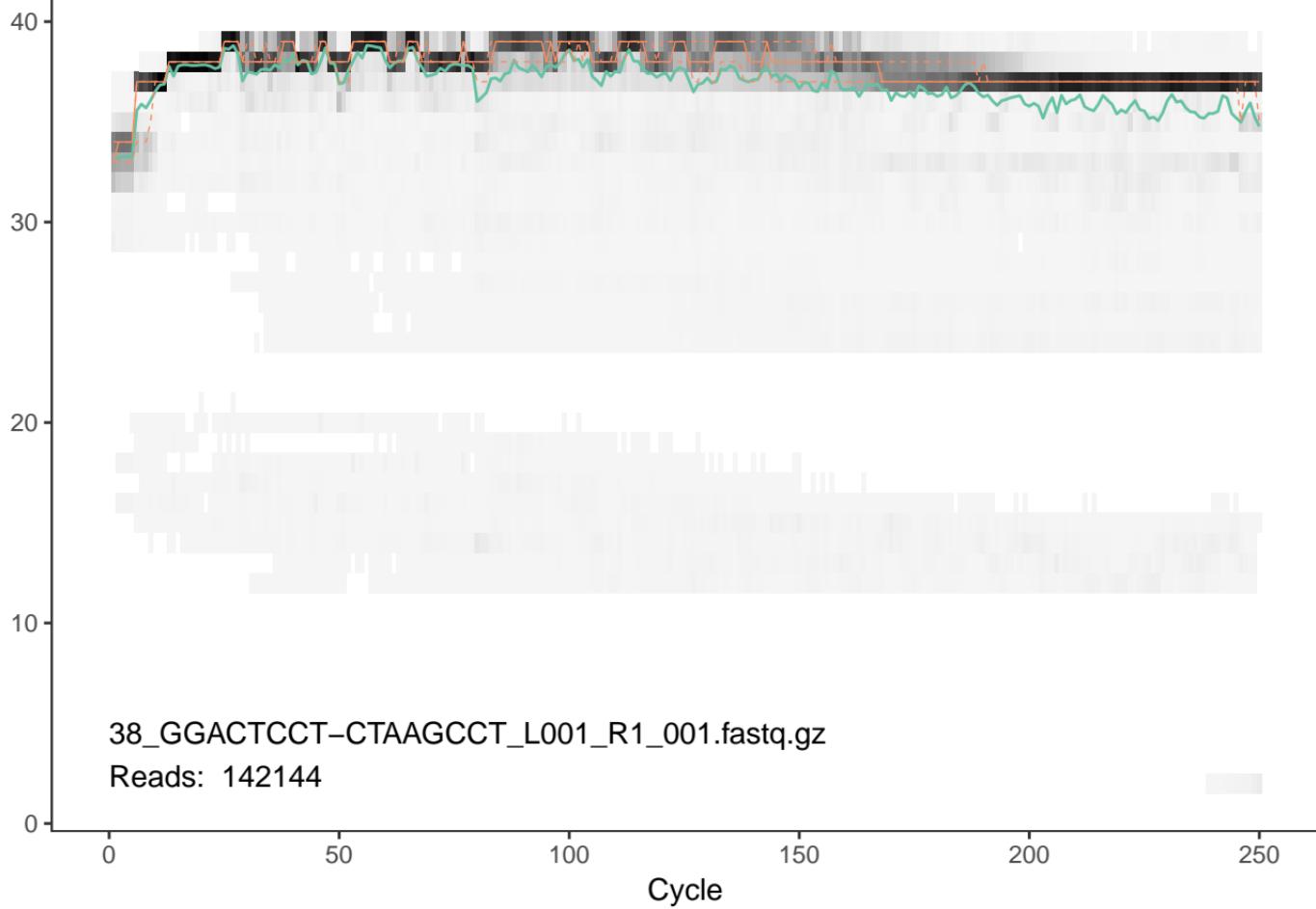
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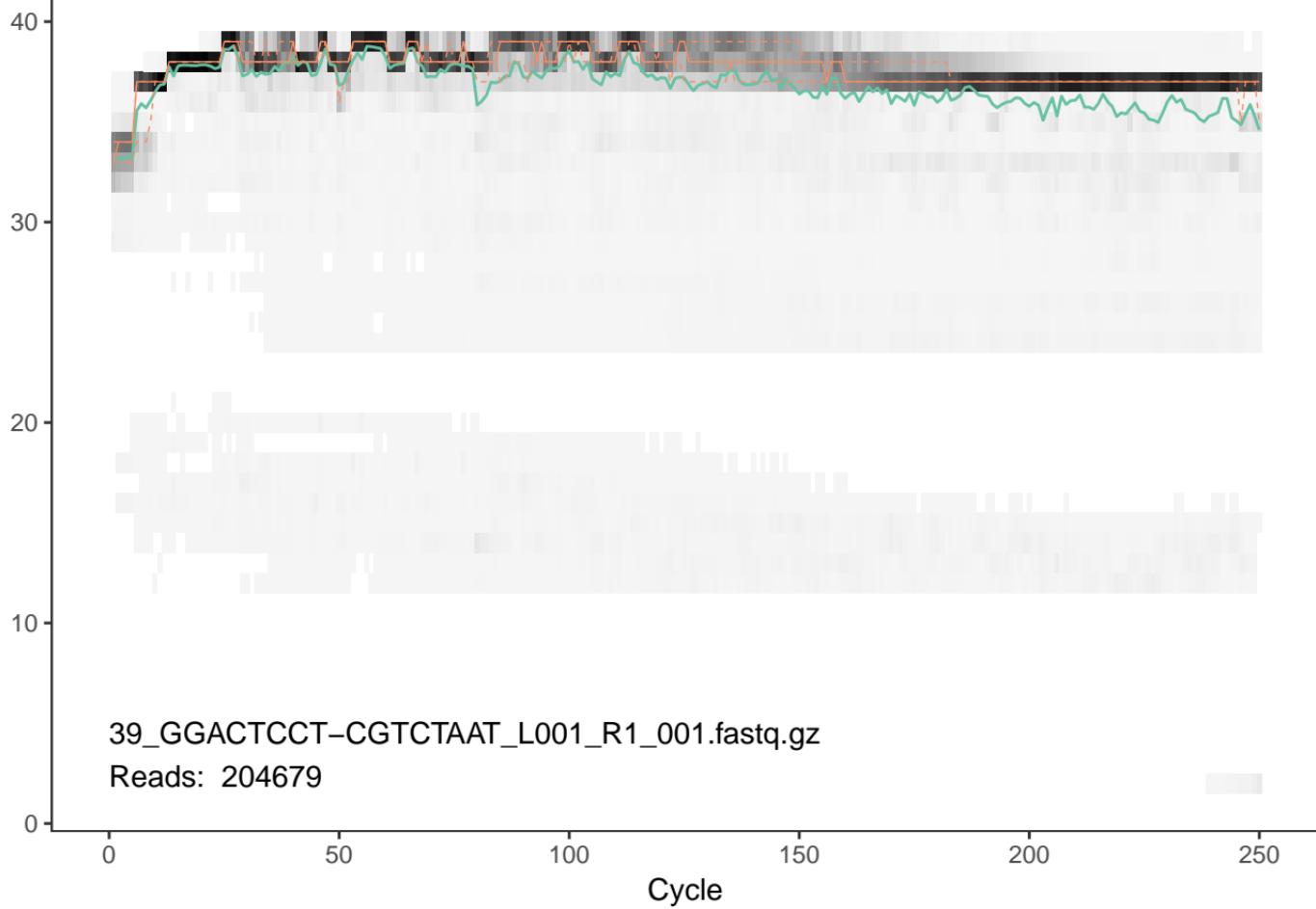
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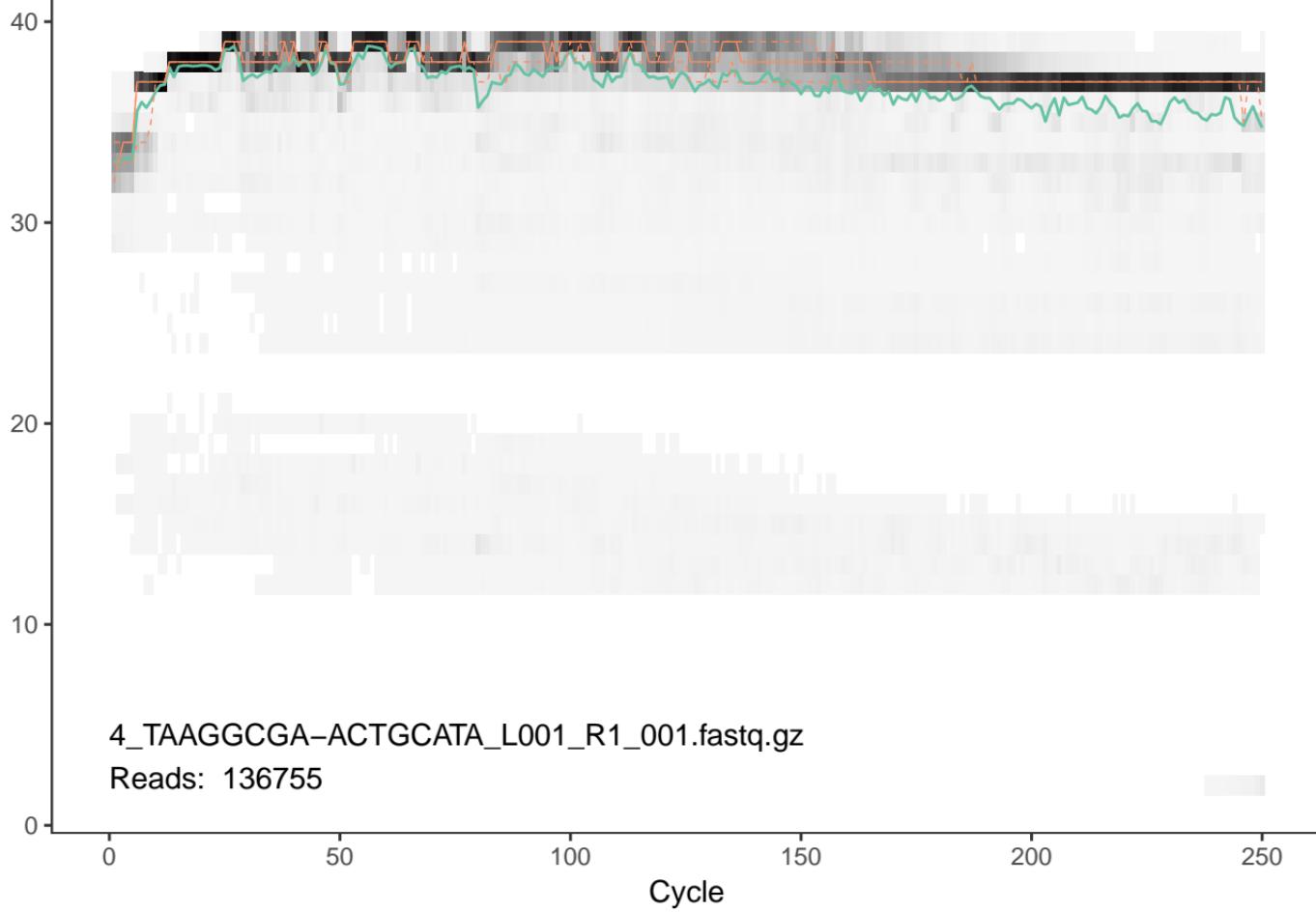
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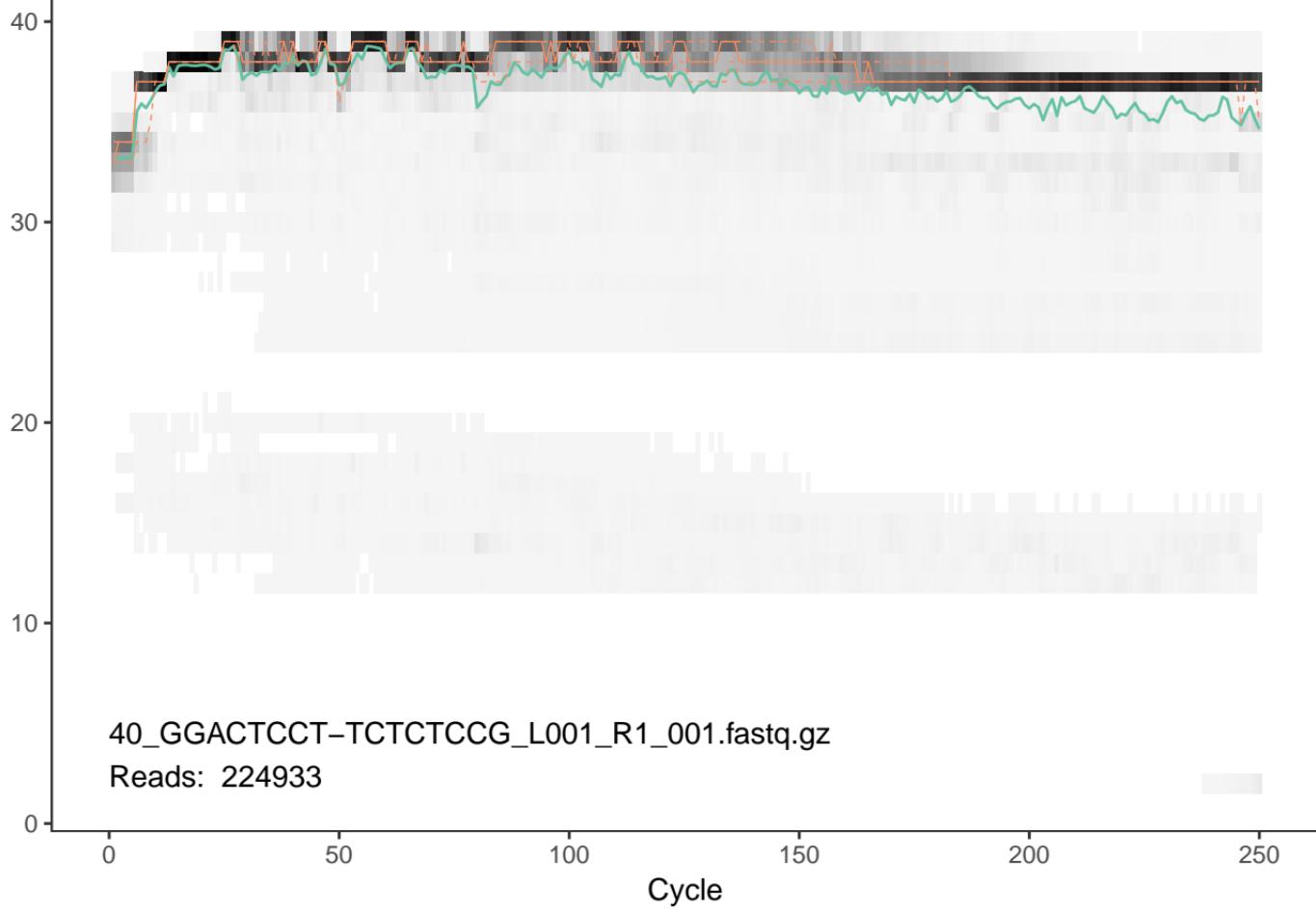
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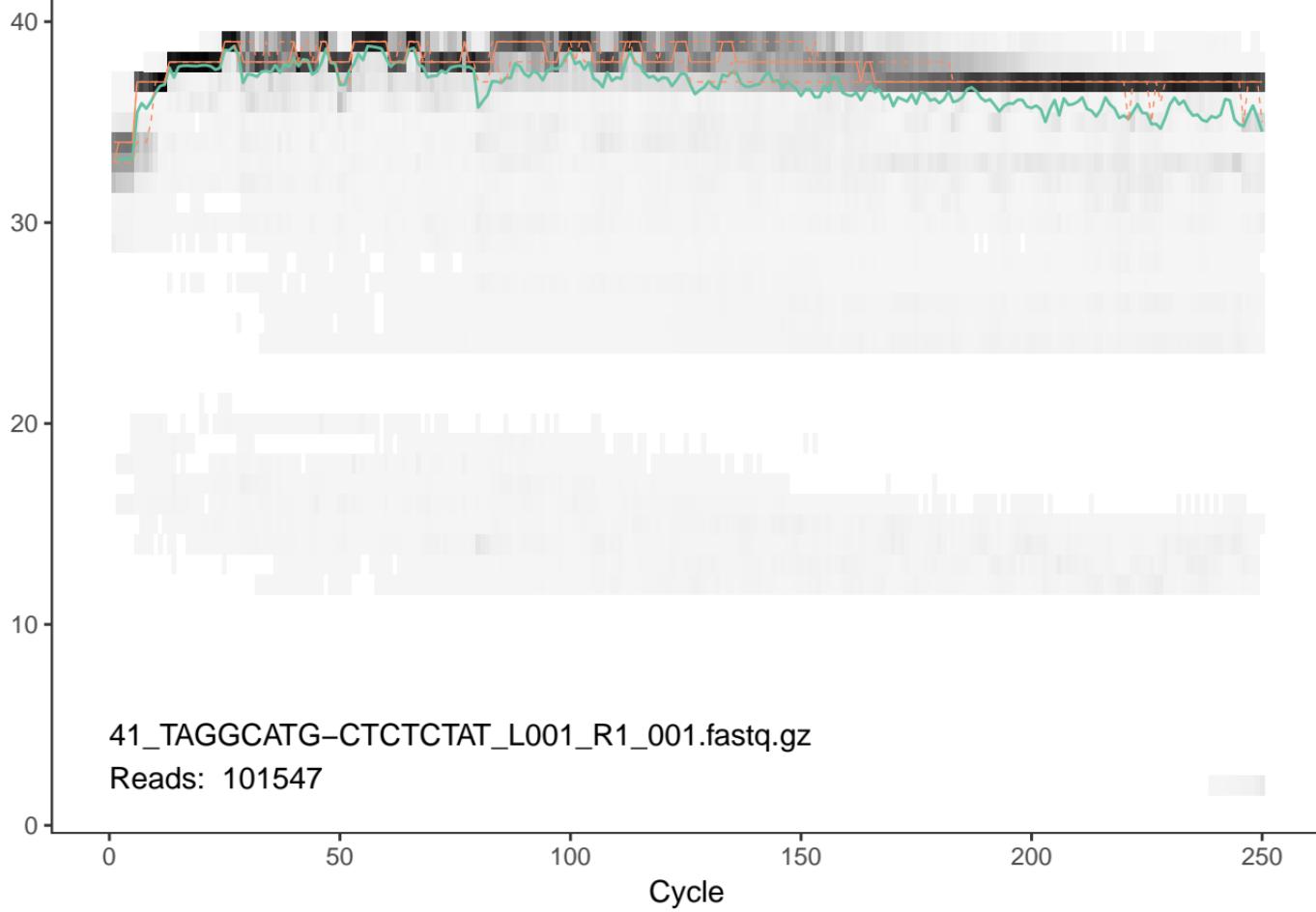
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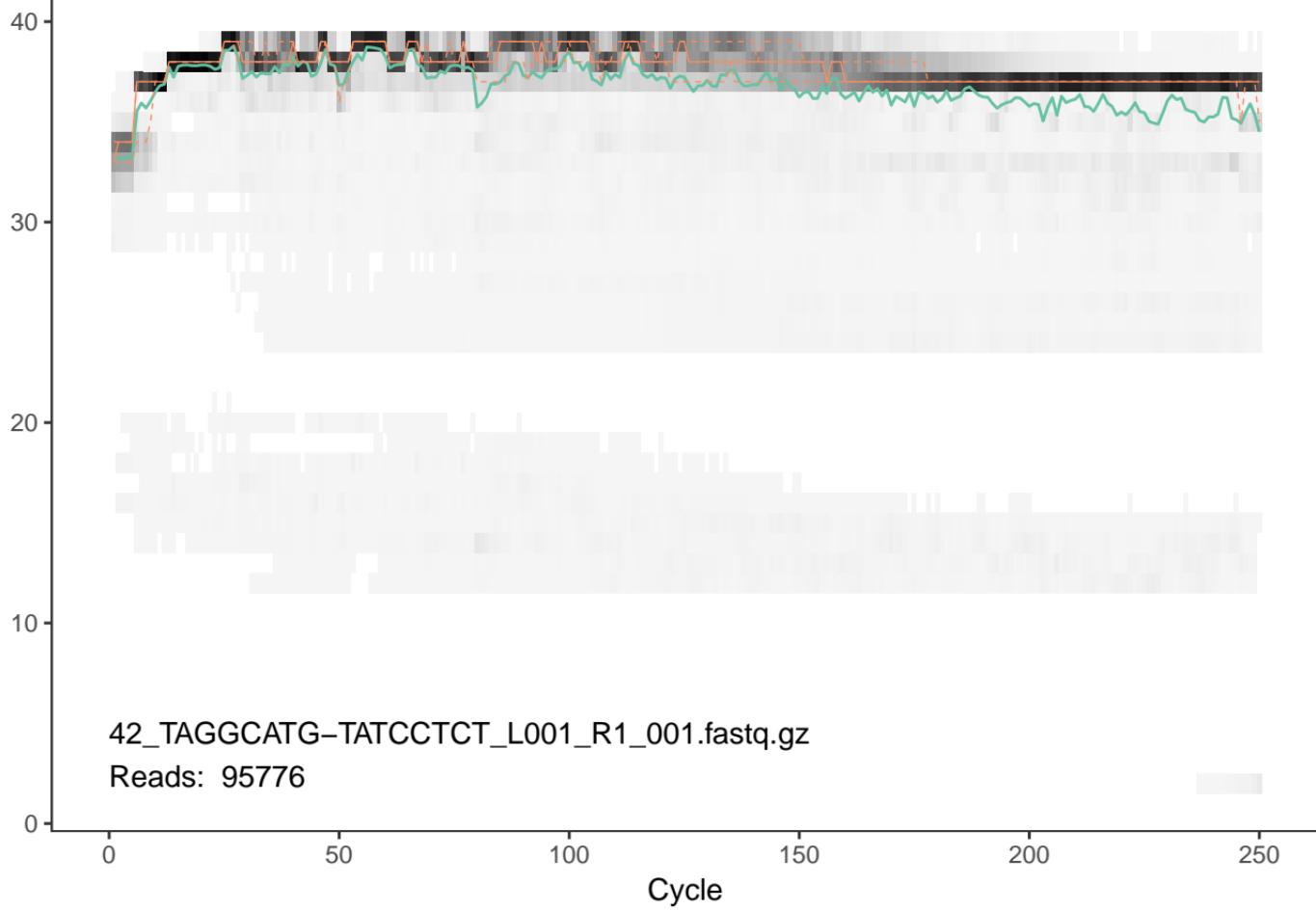
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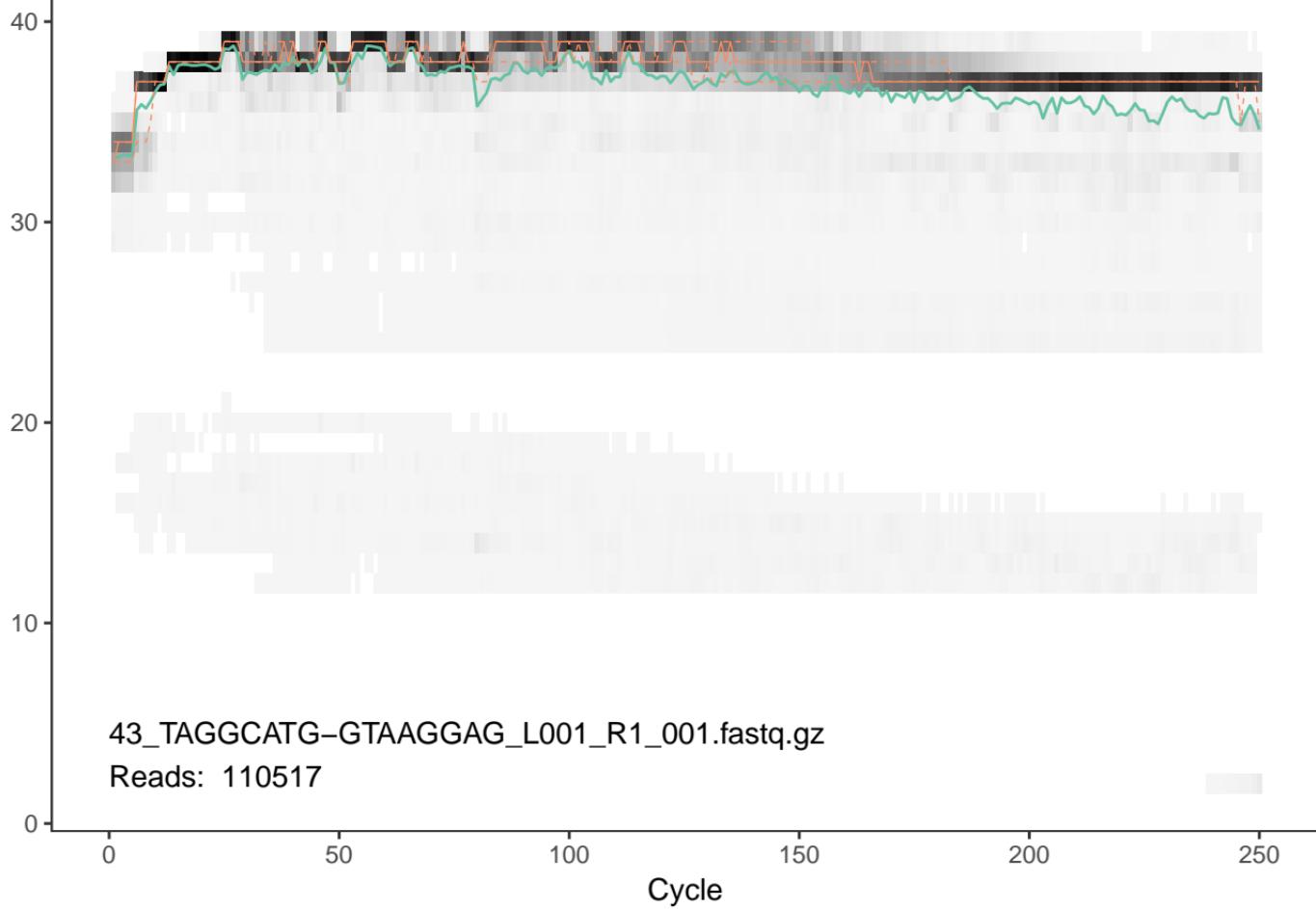
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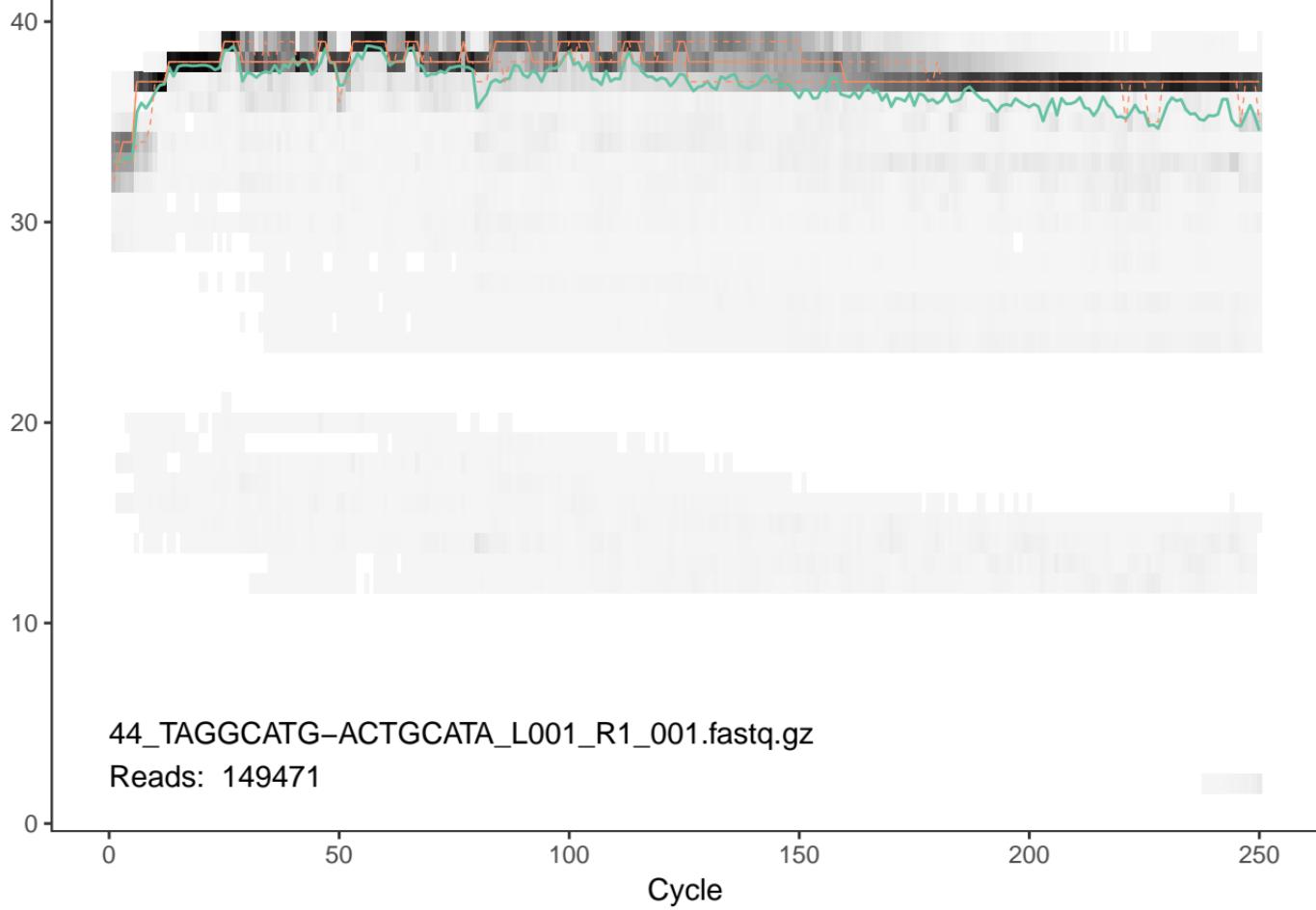
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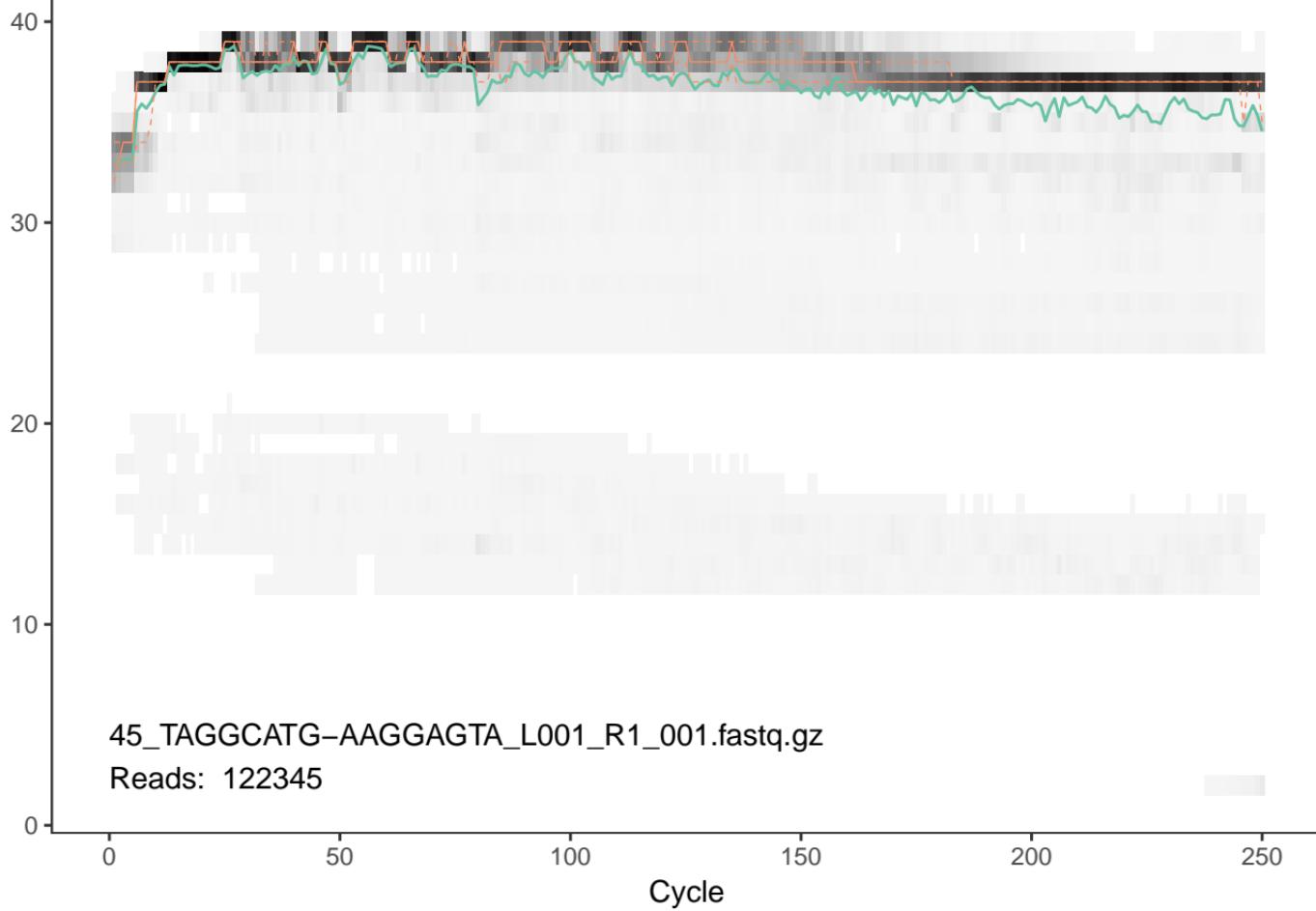
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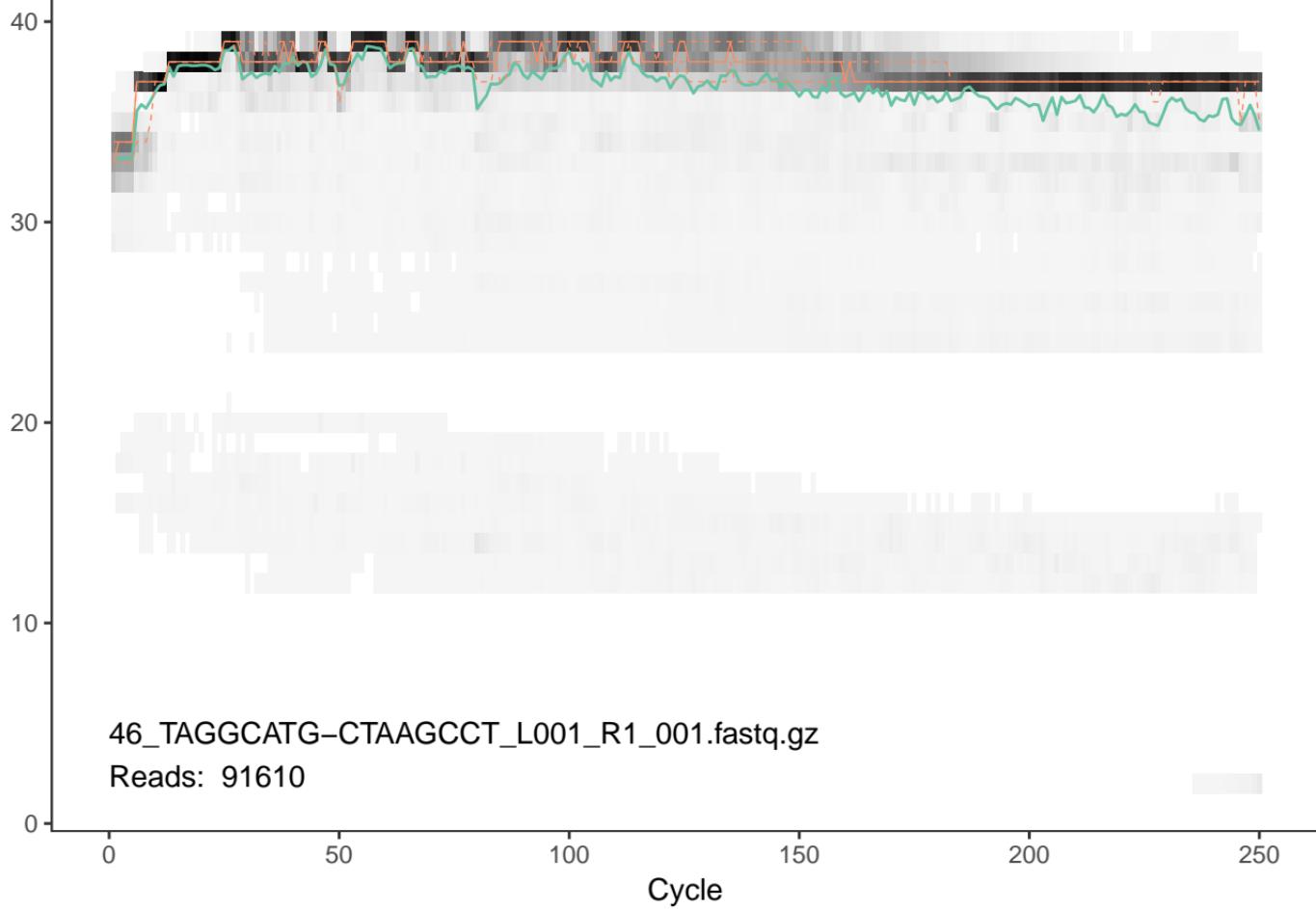
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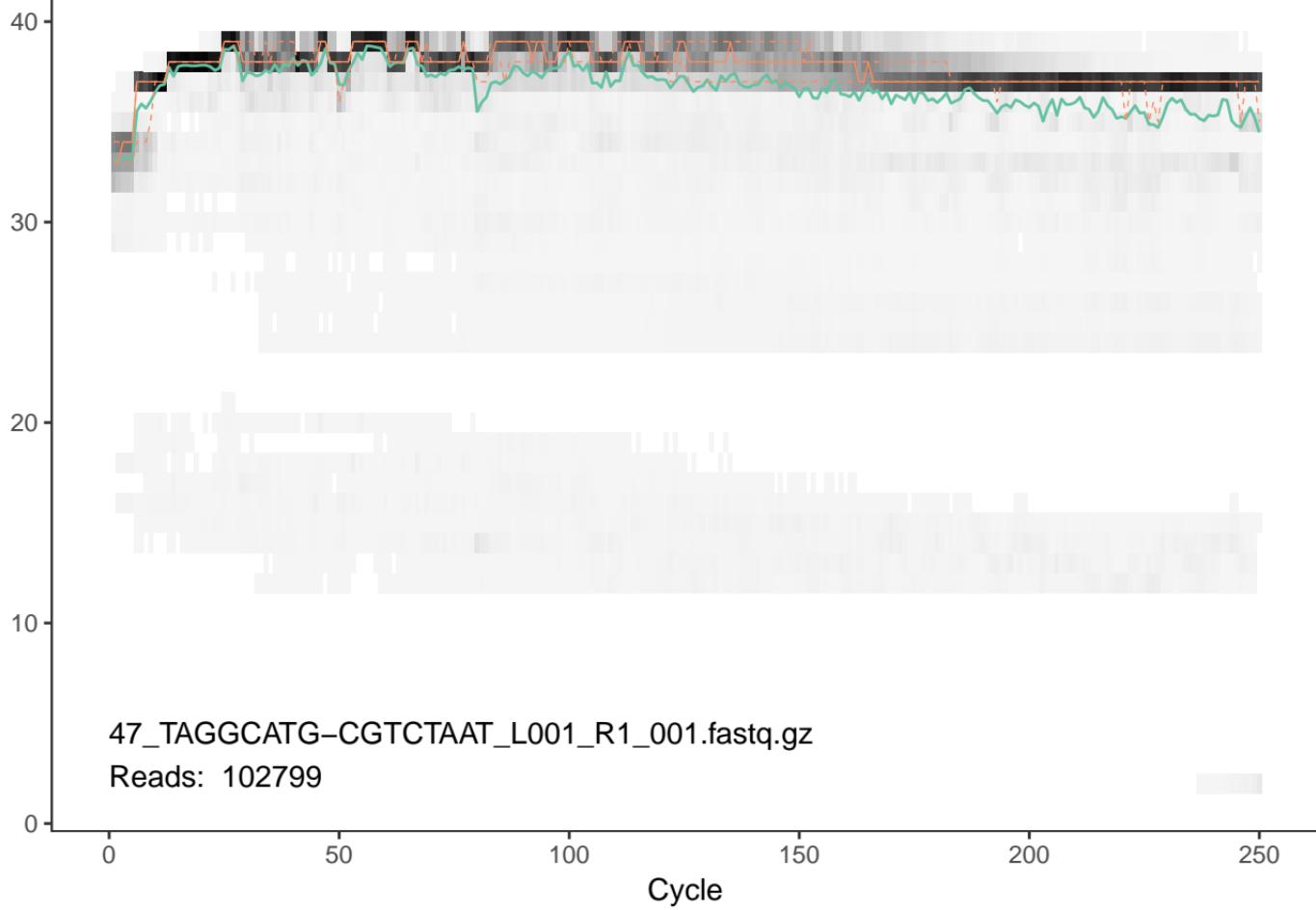
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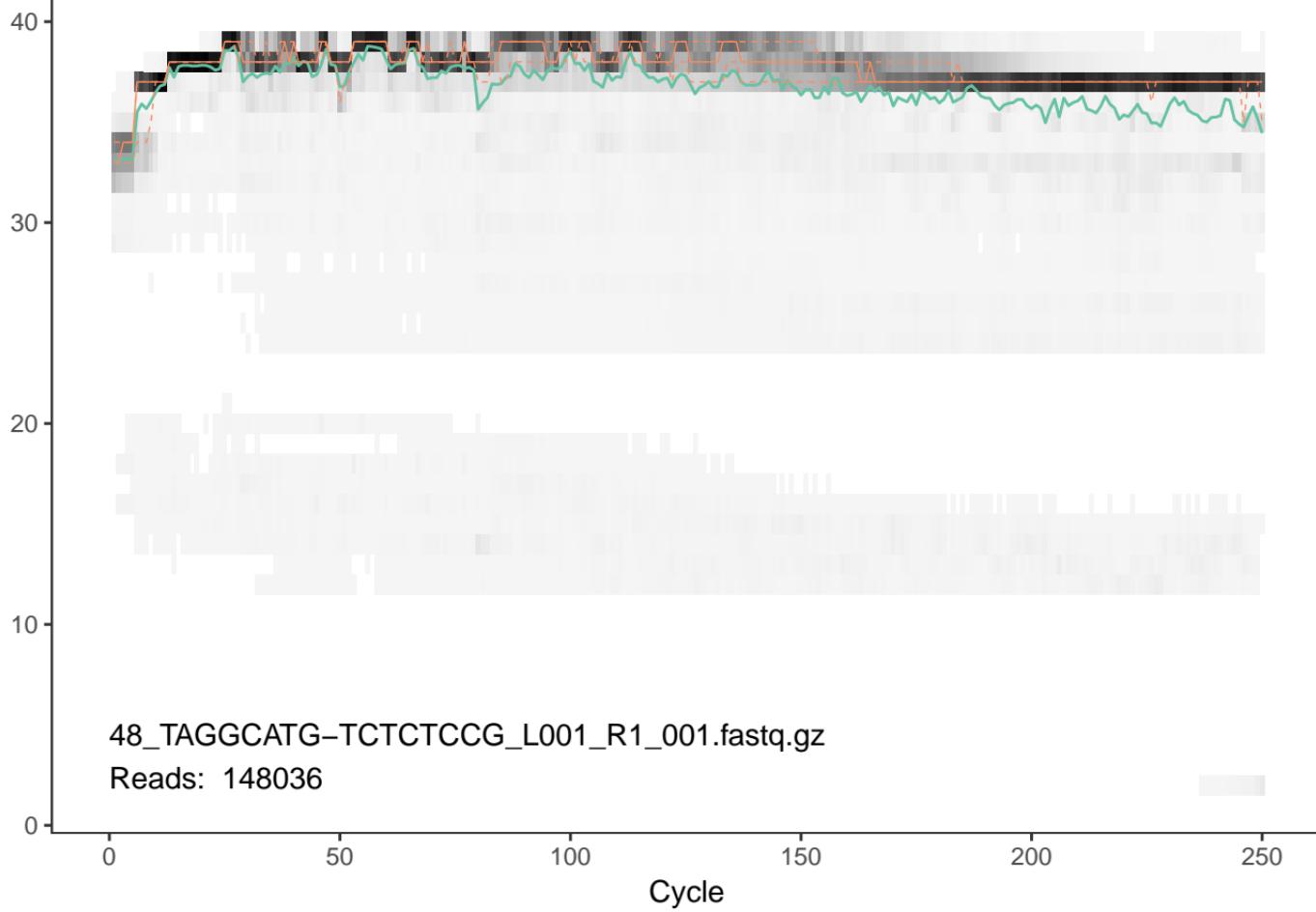
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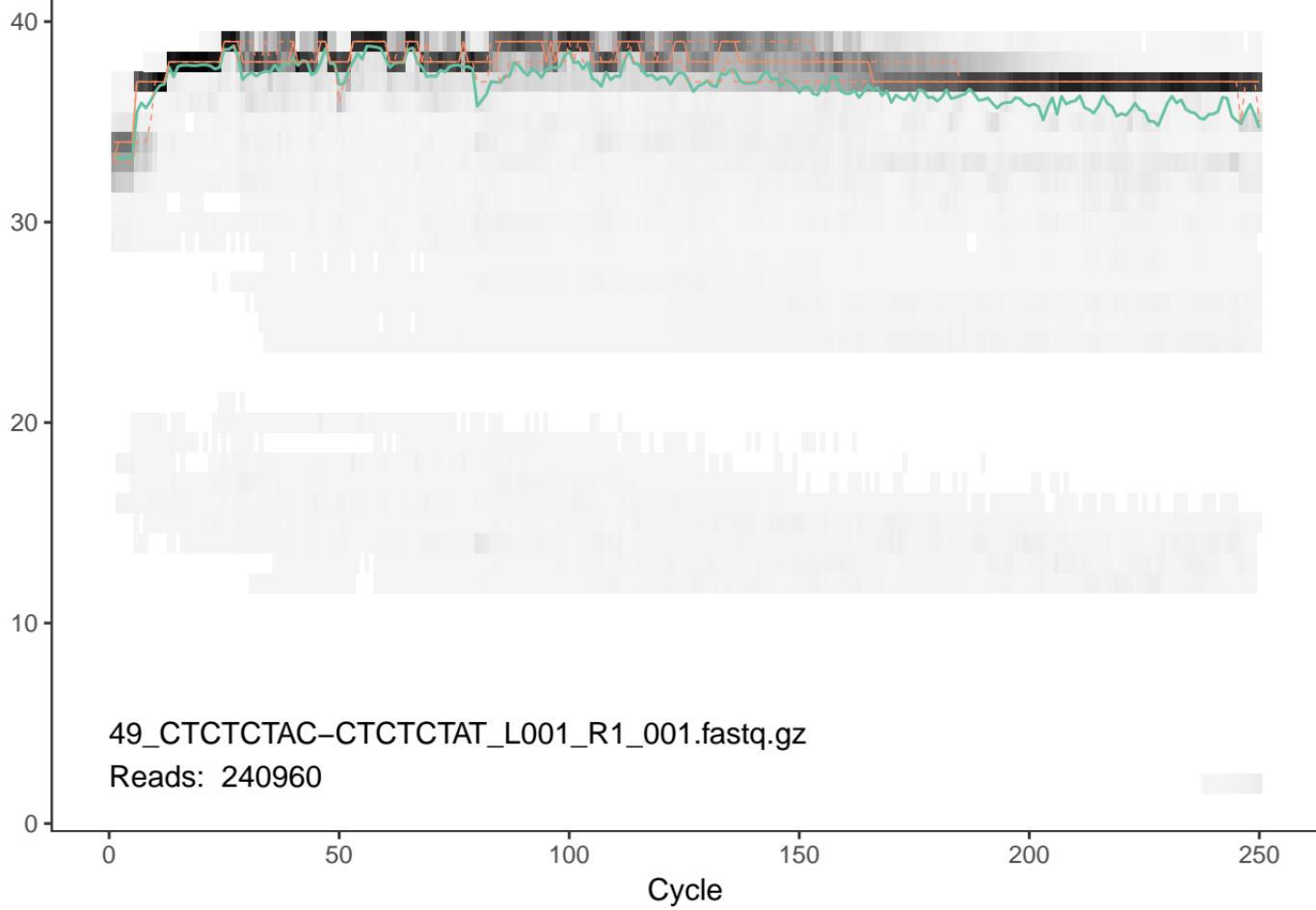
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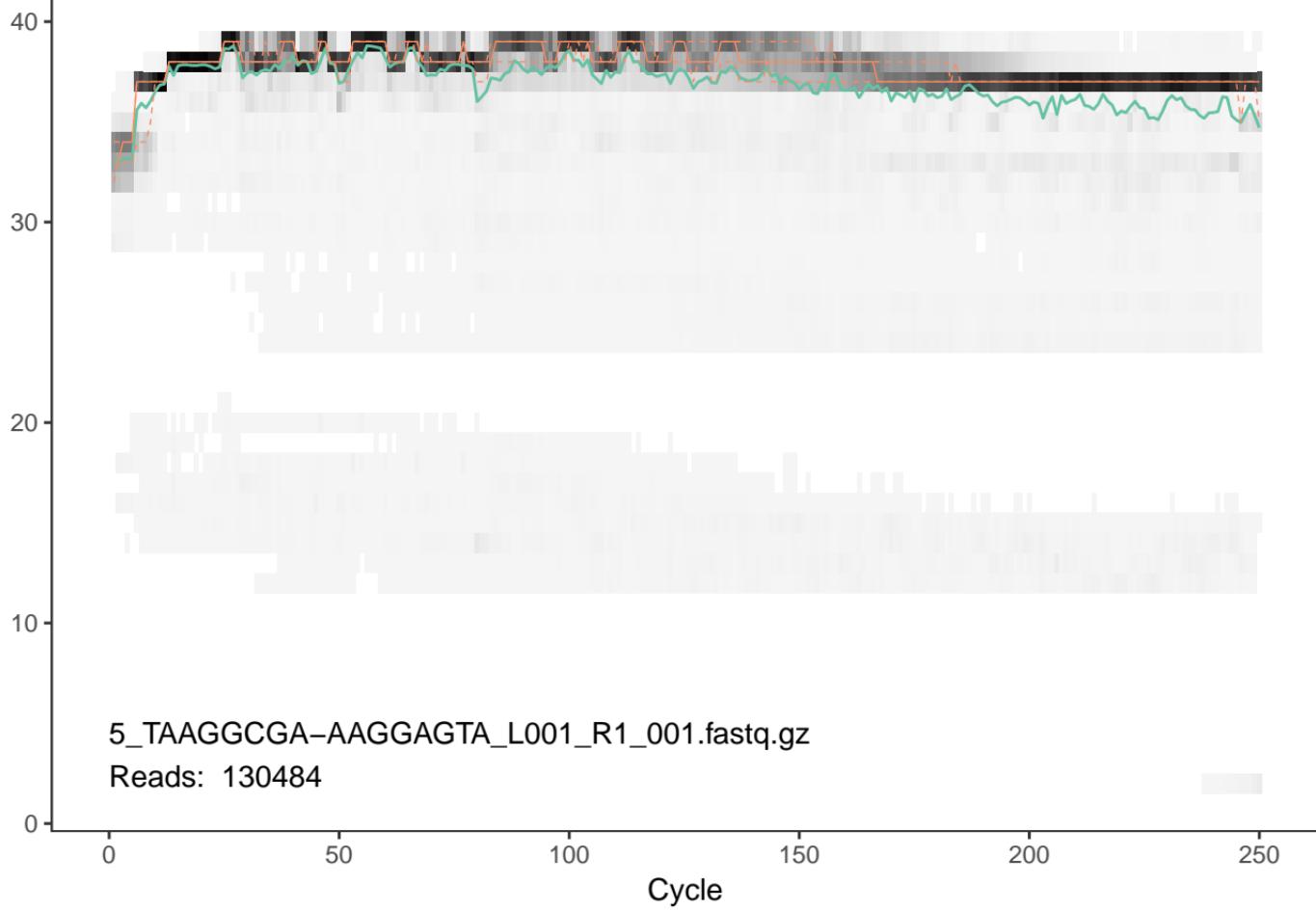
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Quality Score



Fwd

Quality Score



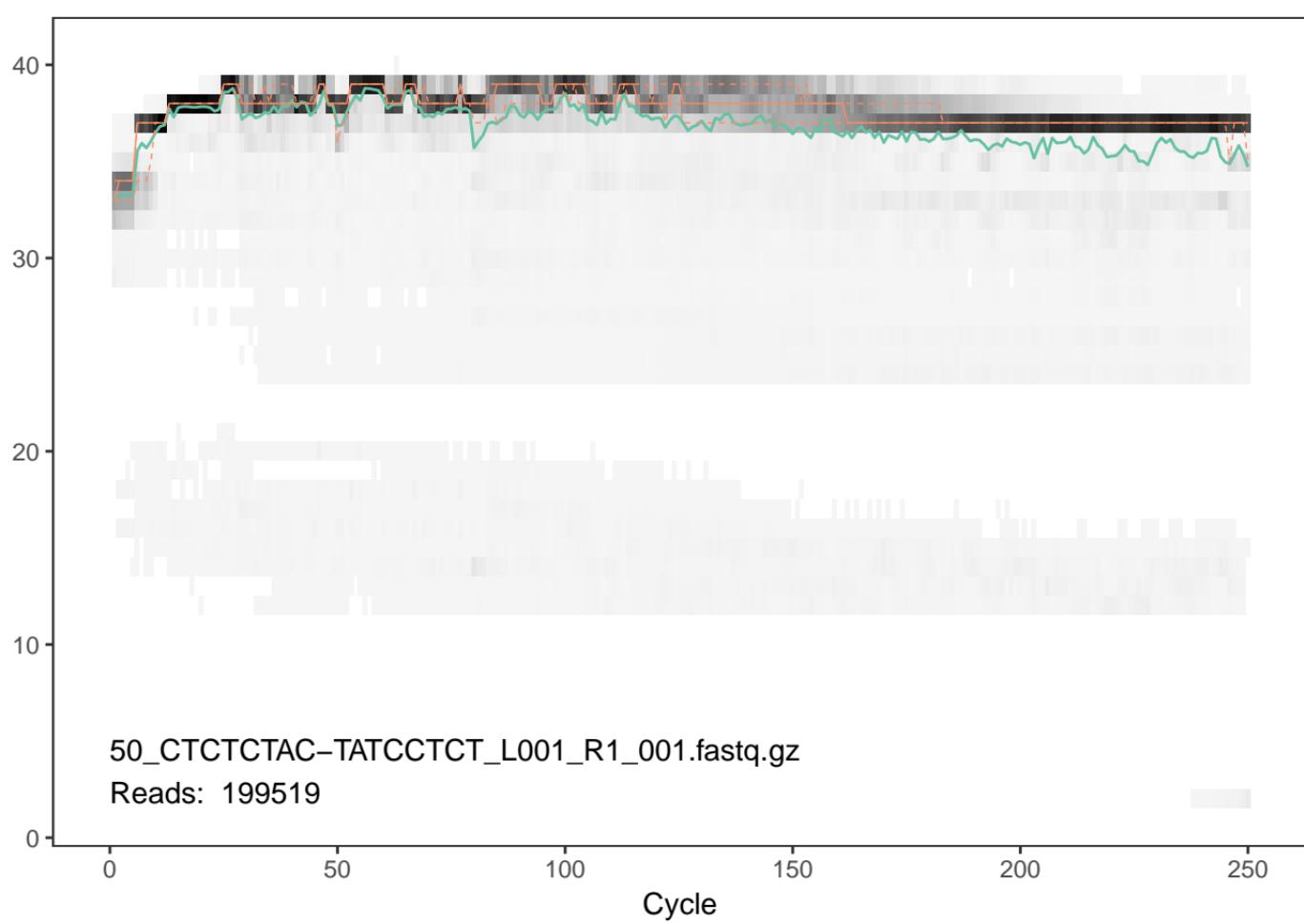
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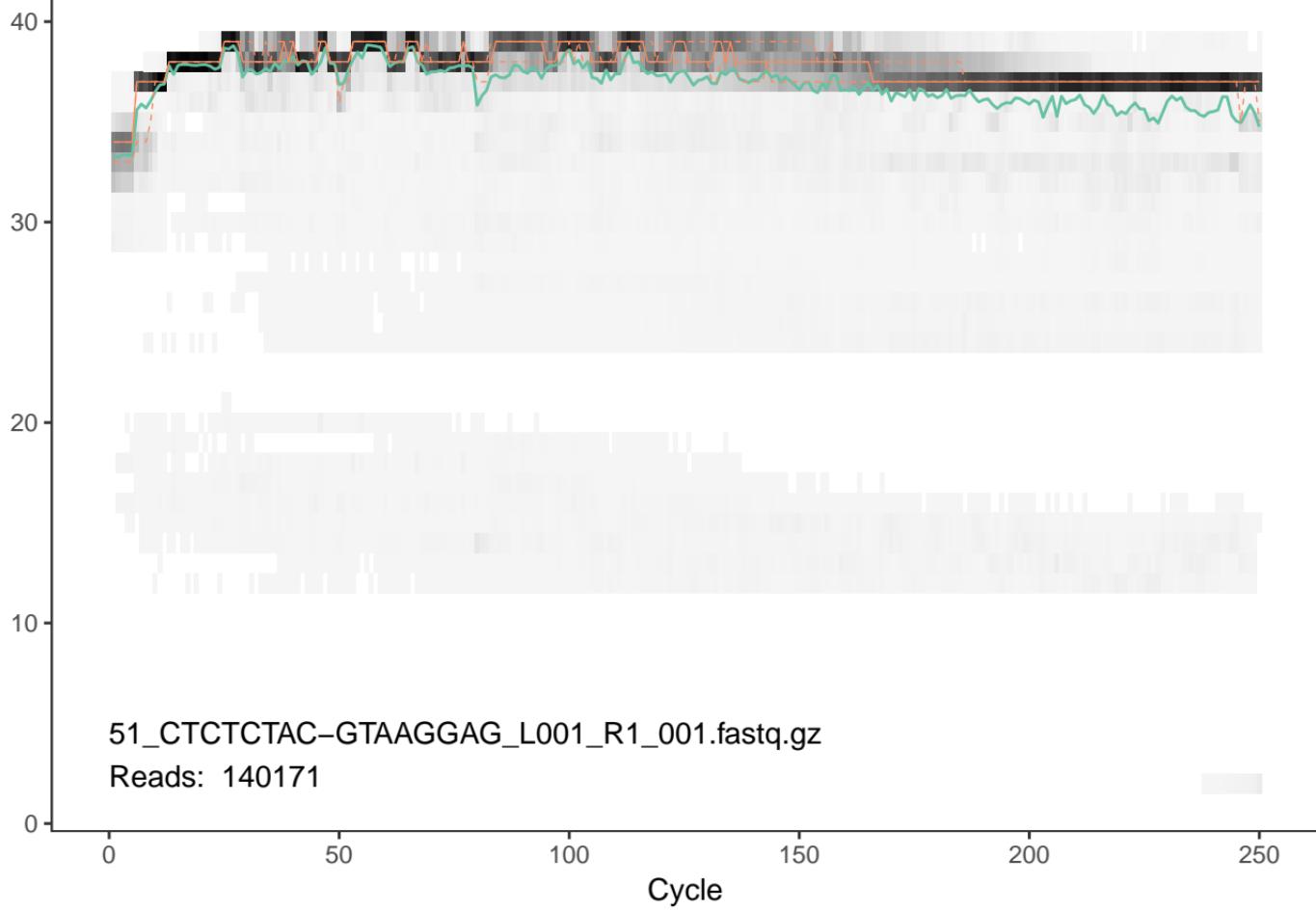
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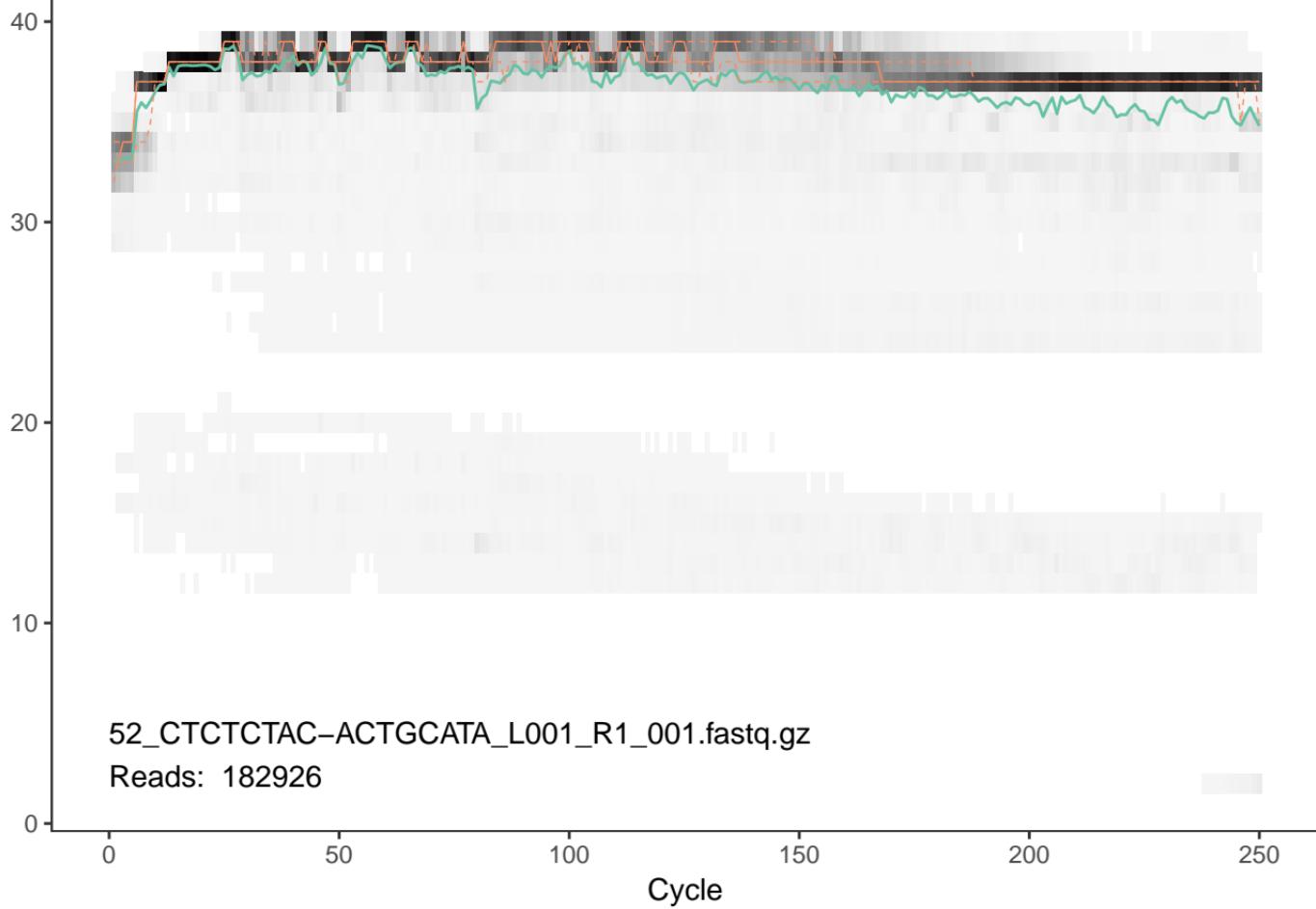
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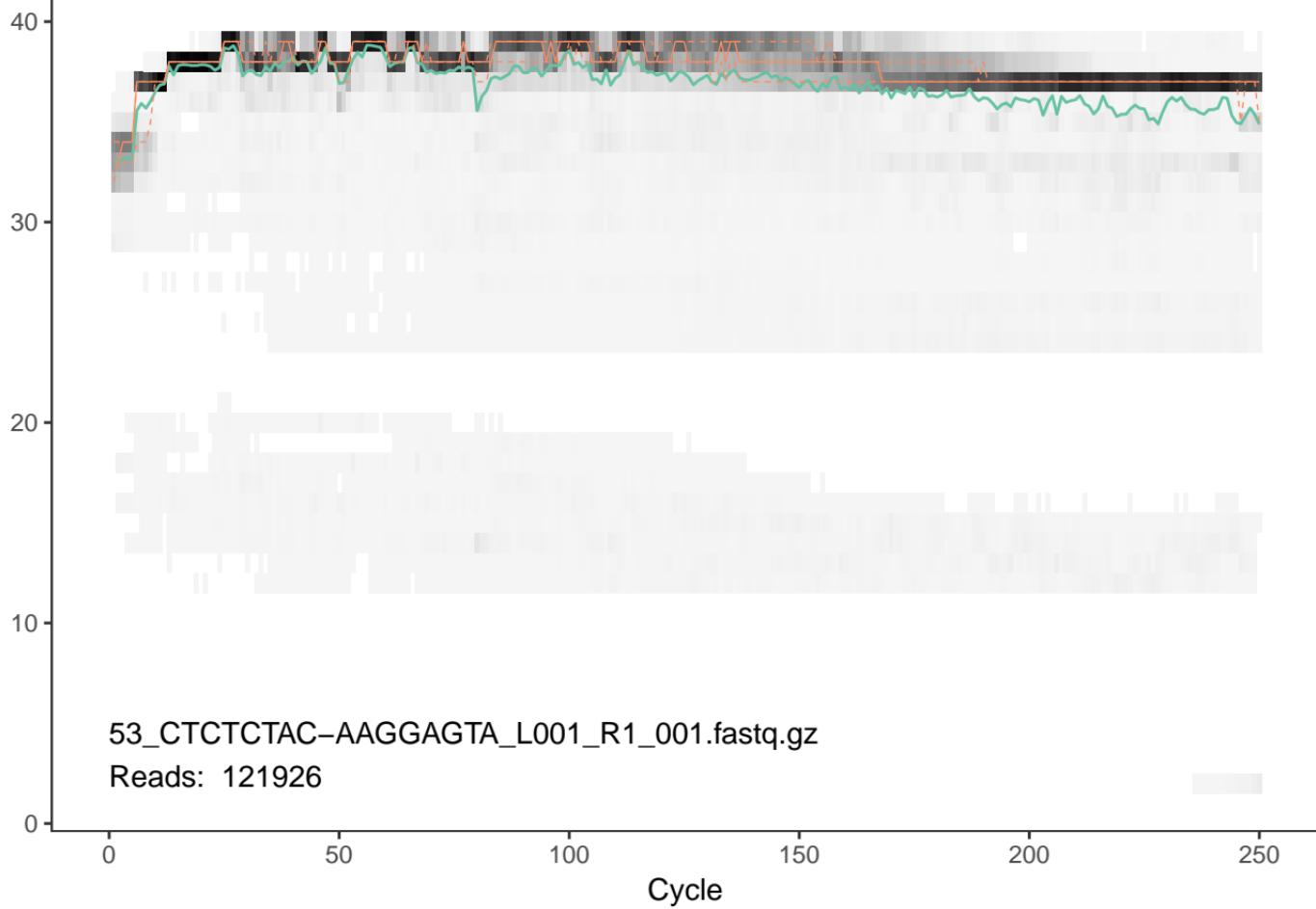
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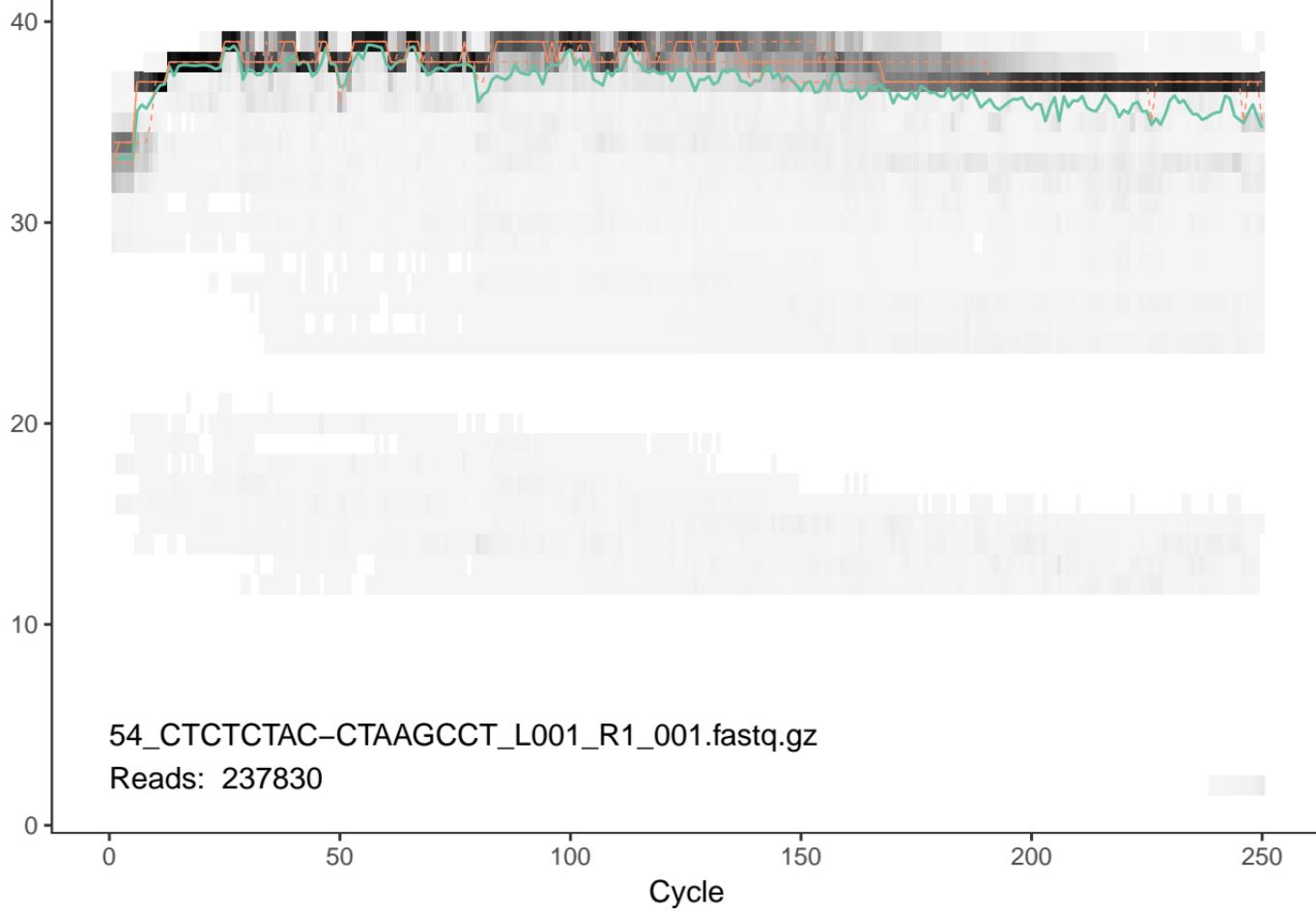
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Quality Score



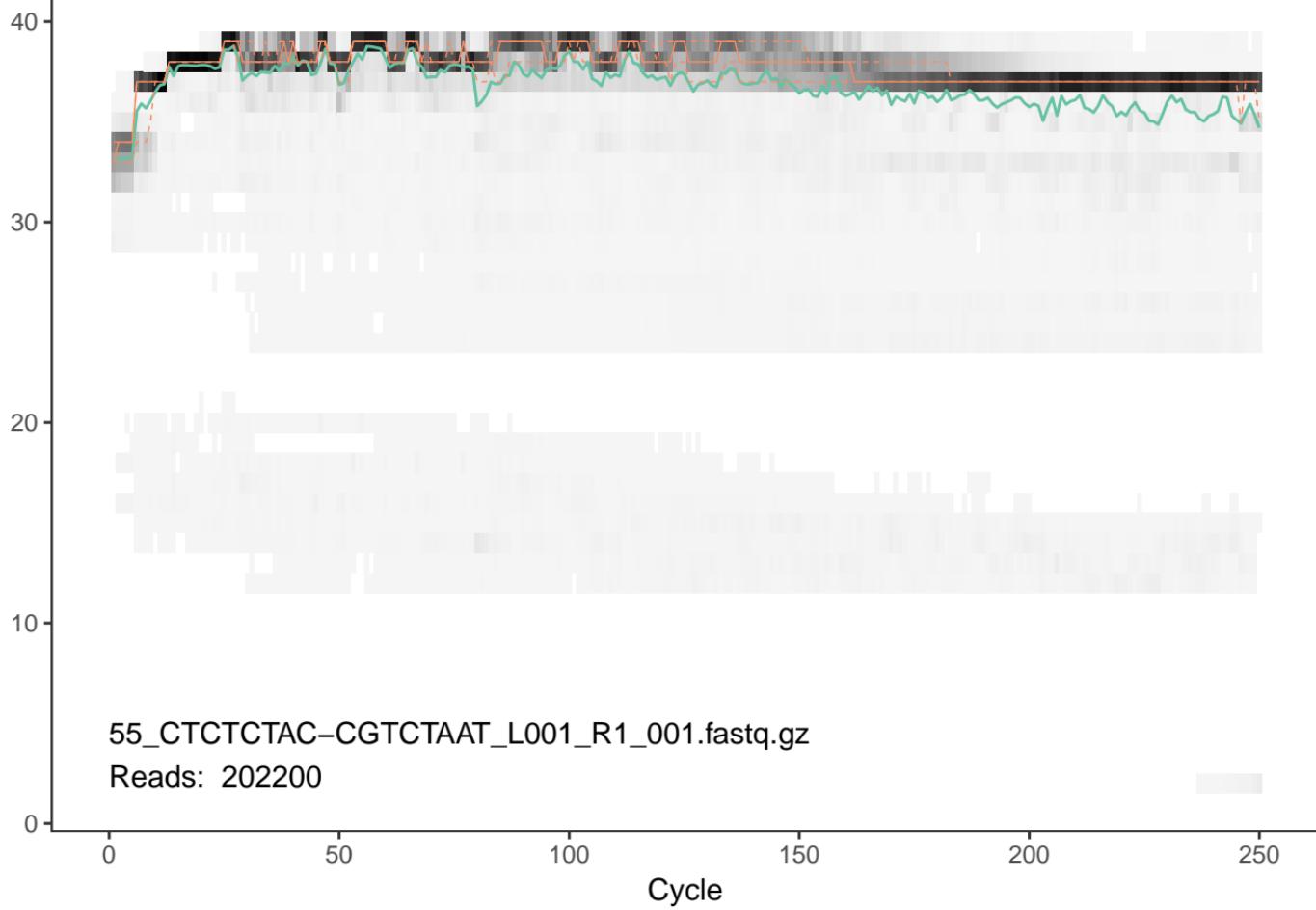
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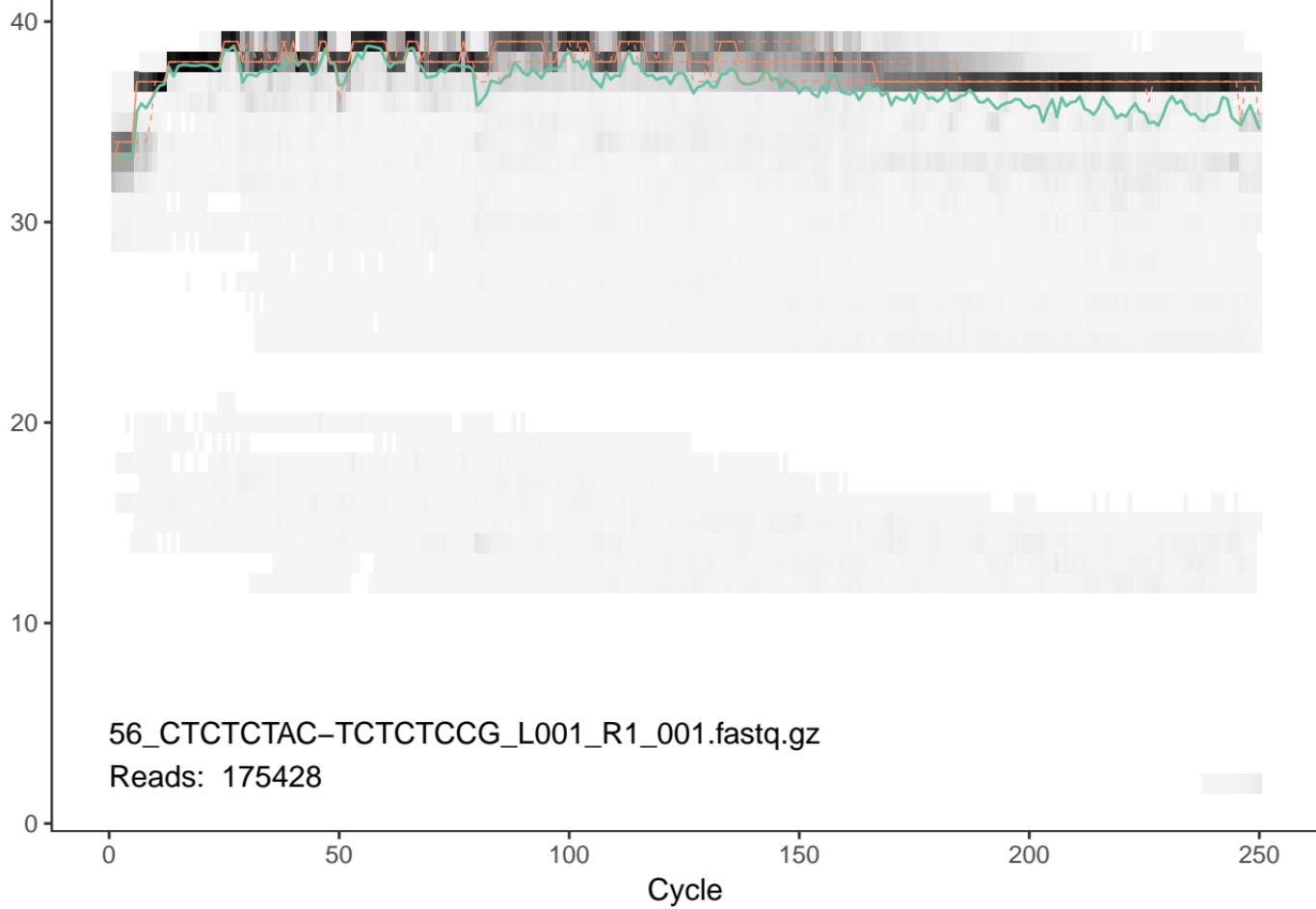
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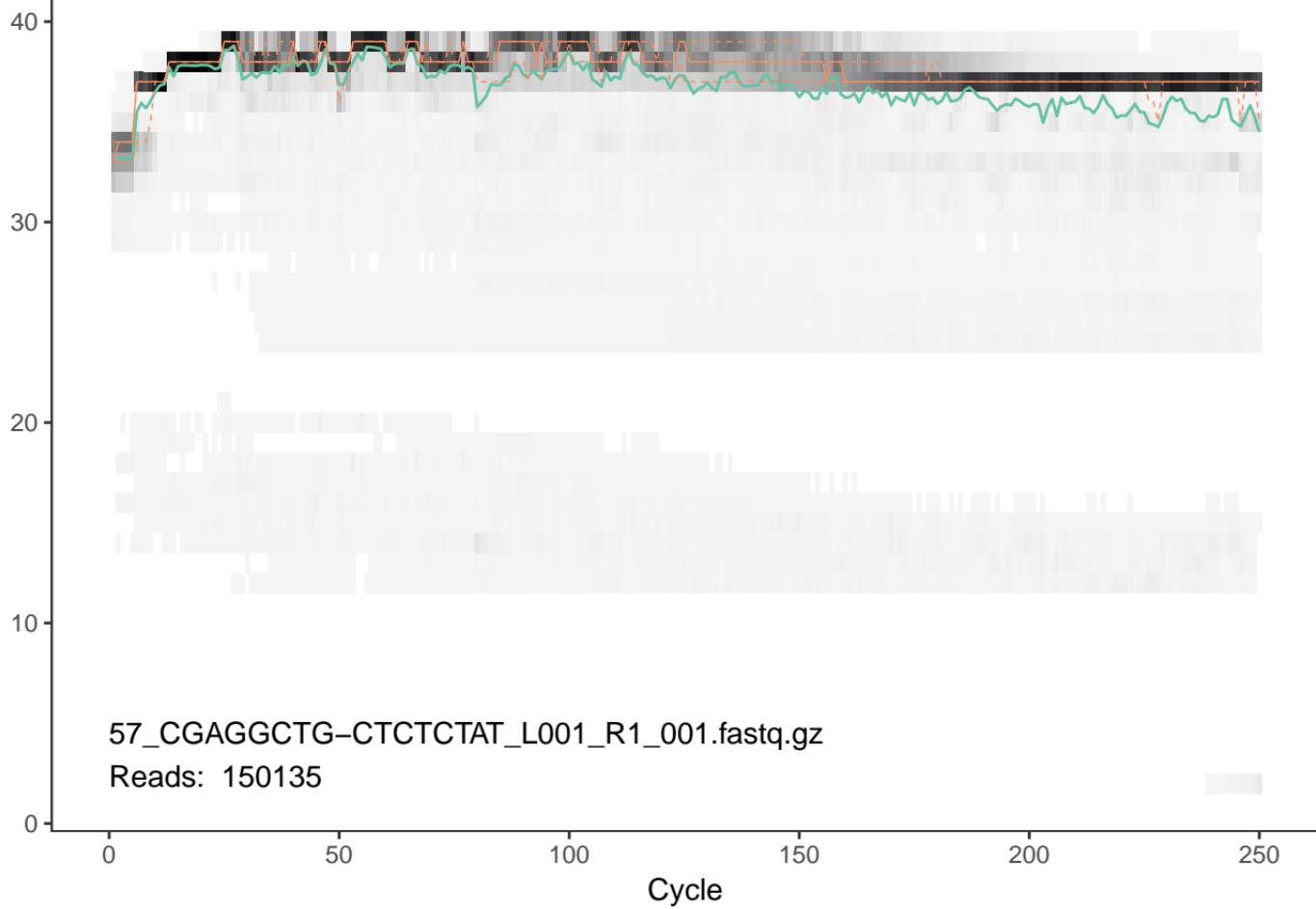
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Quality Score



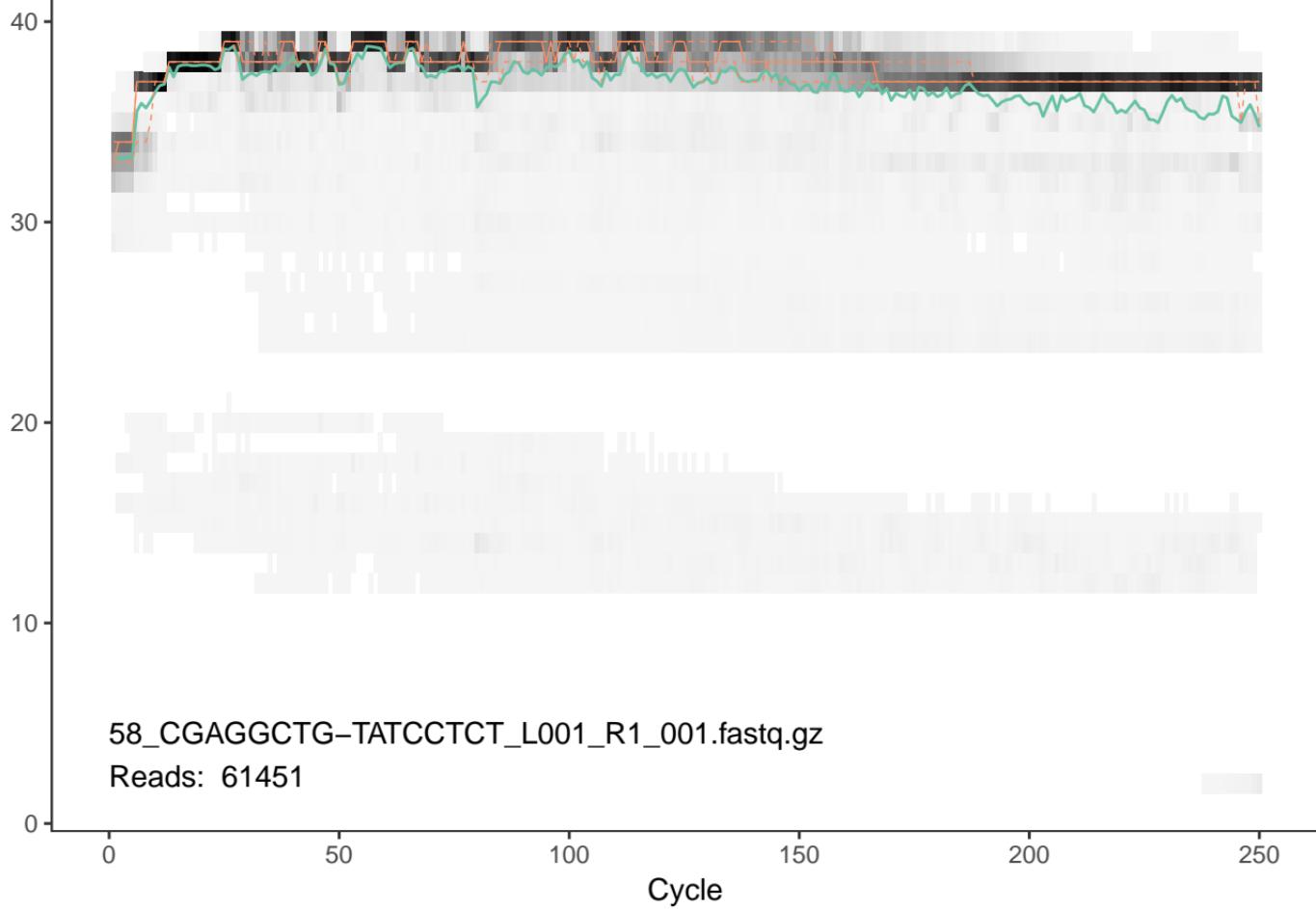
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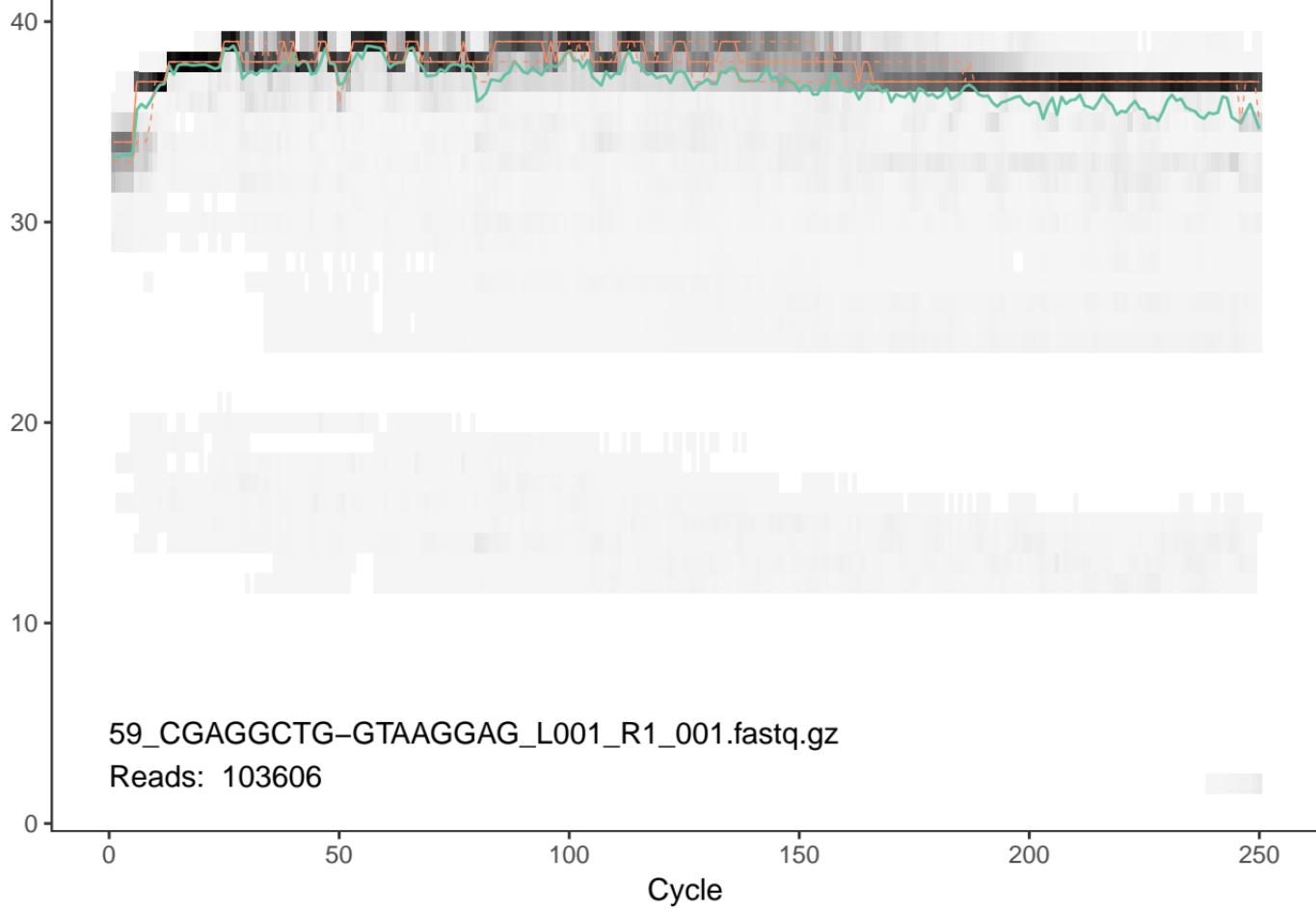
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Quality Score



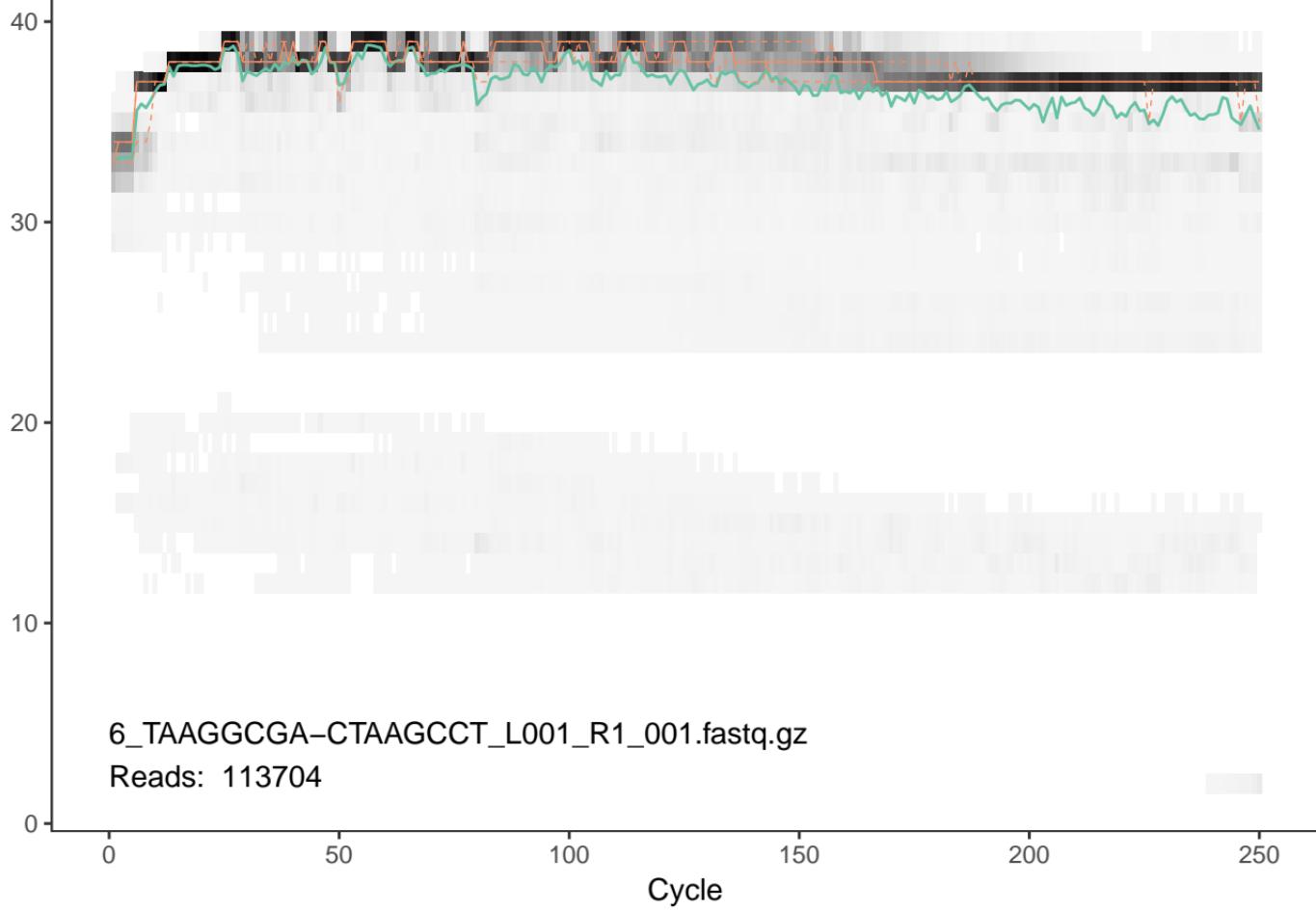
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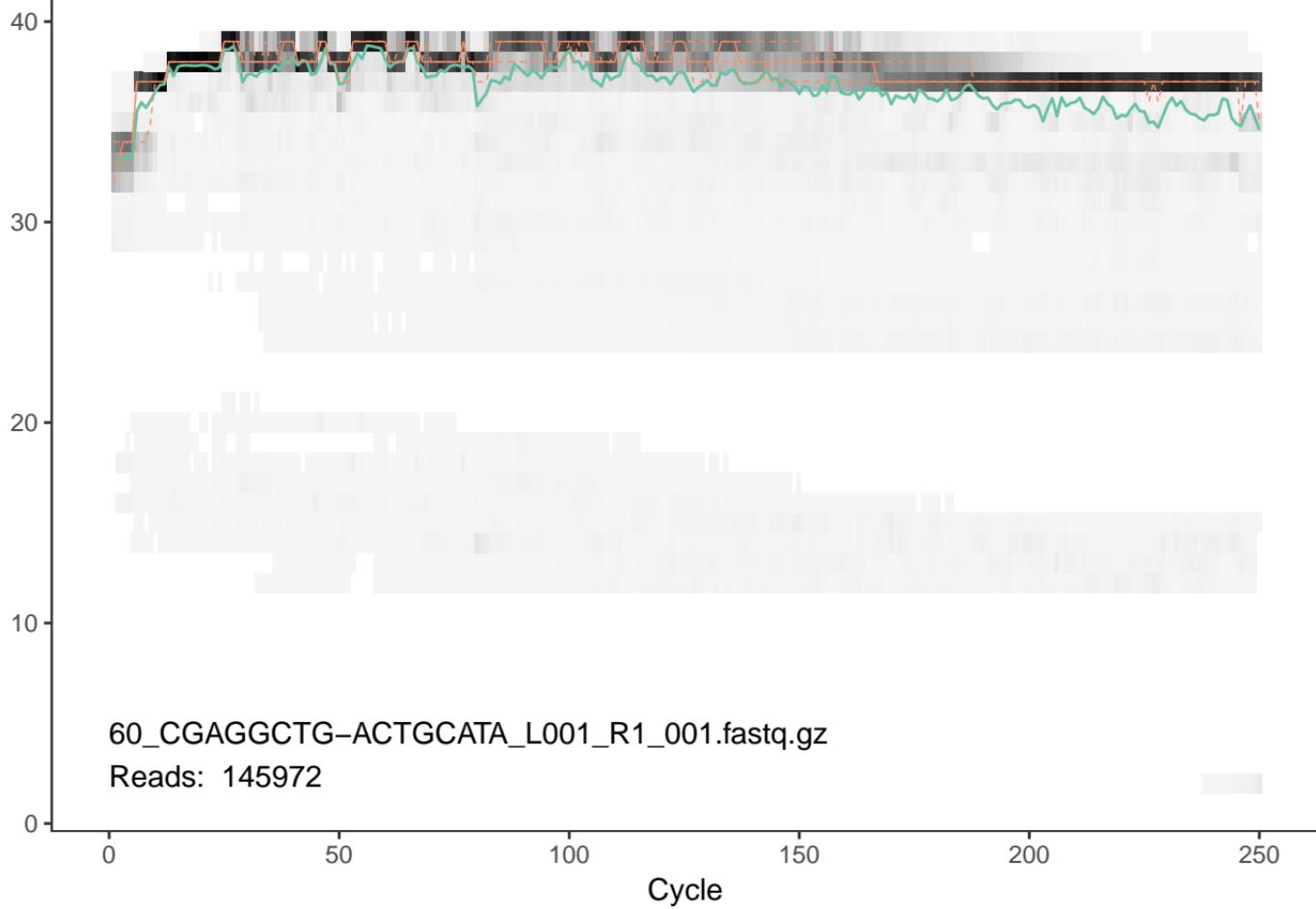
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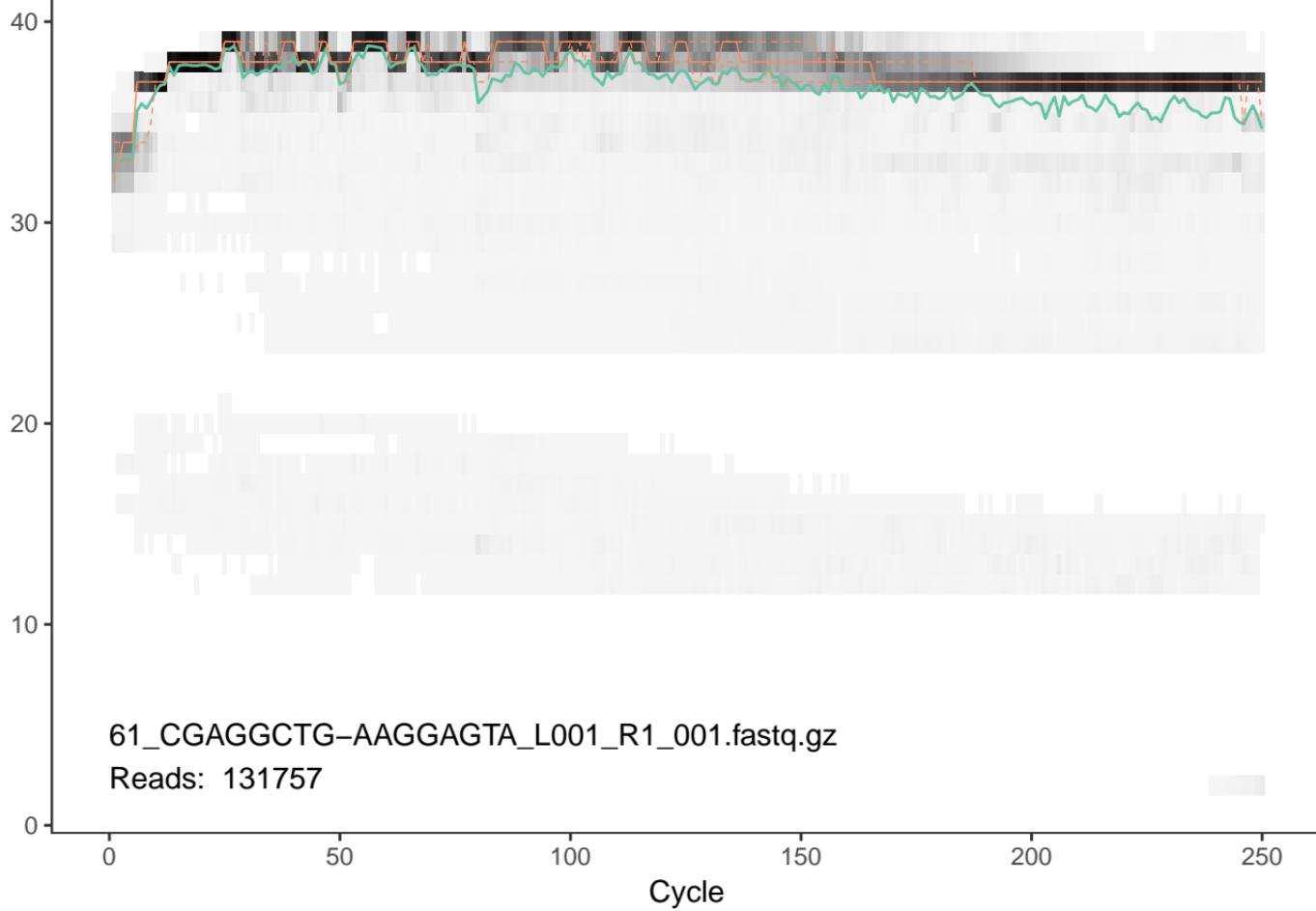
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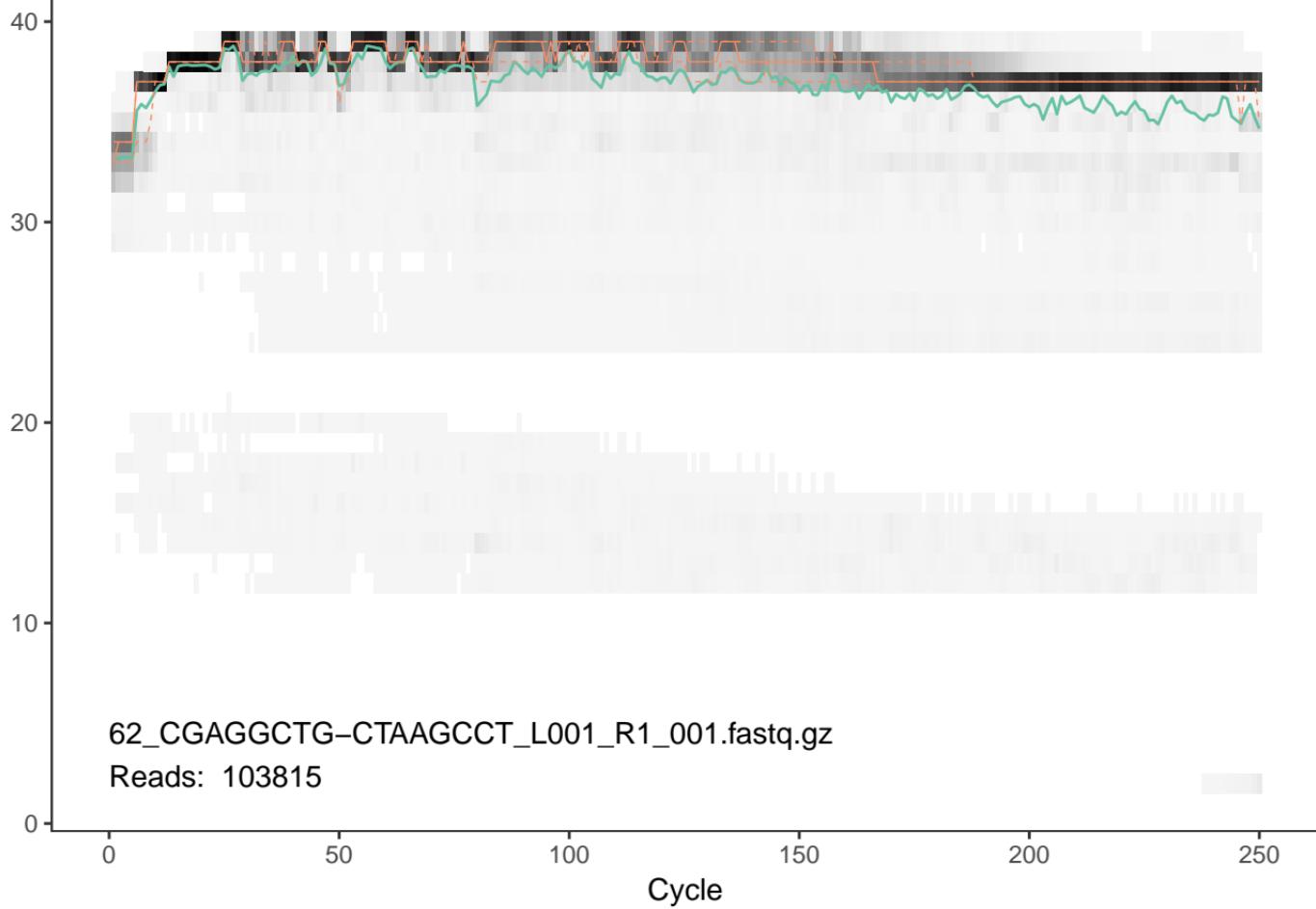
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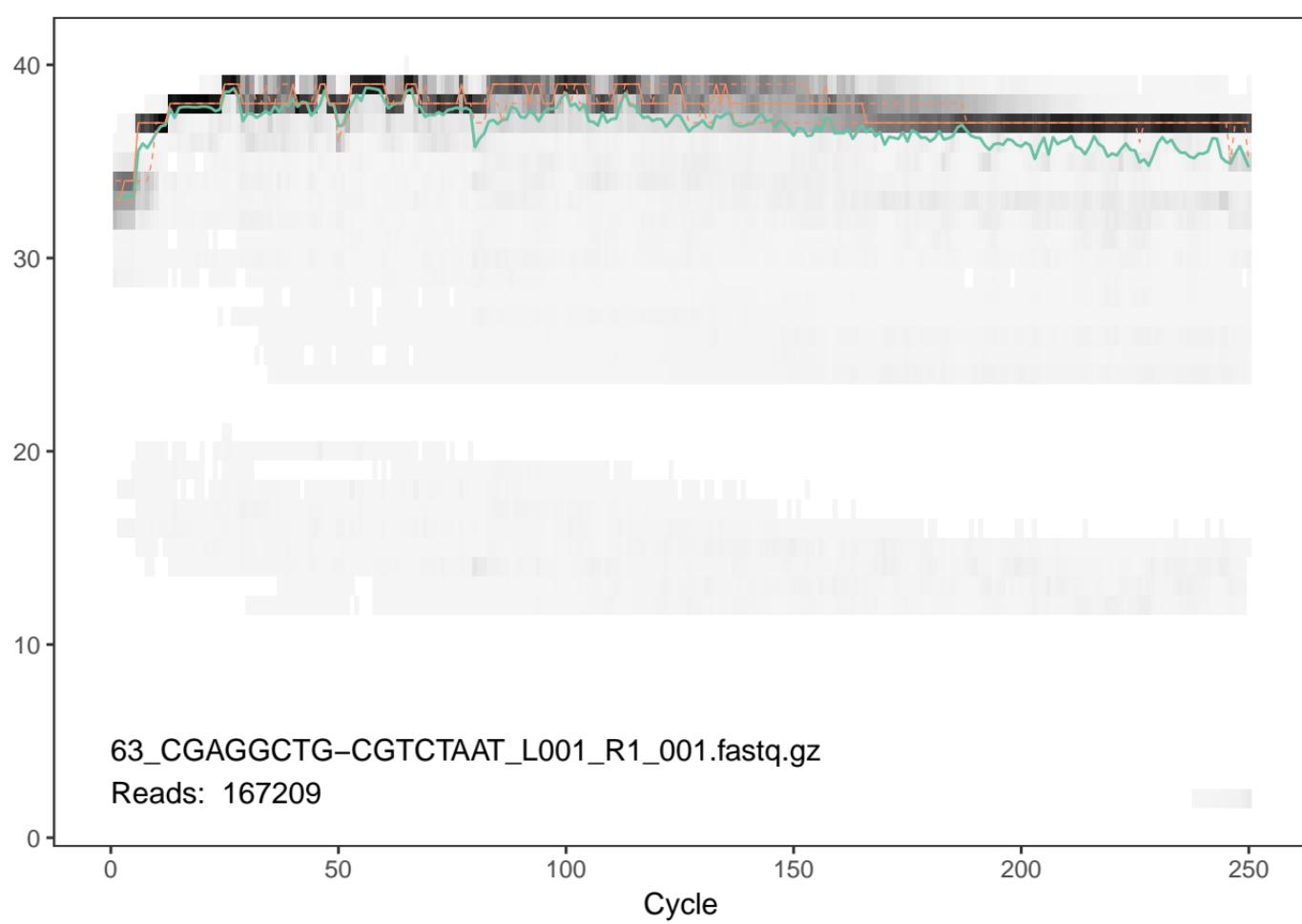
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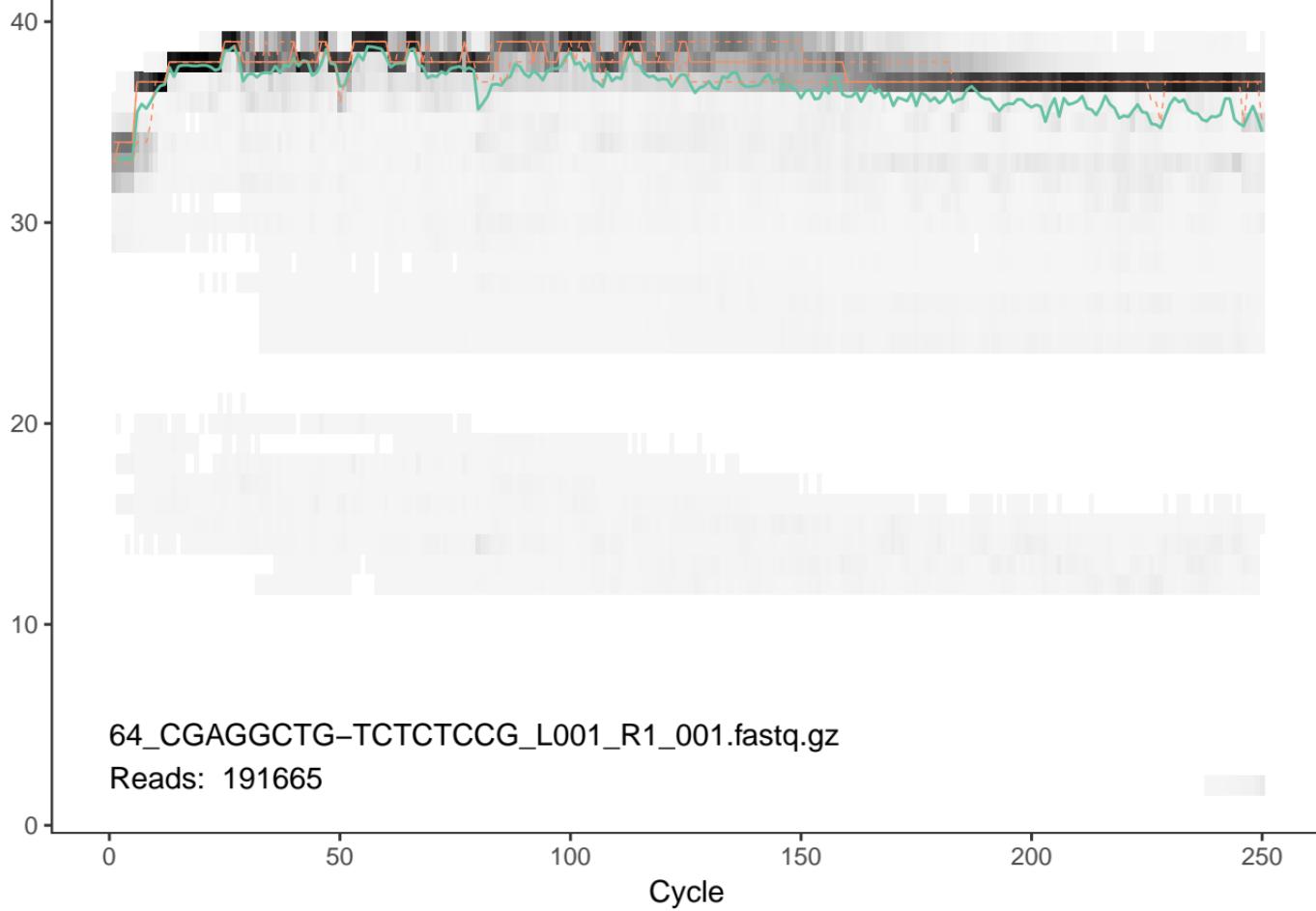
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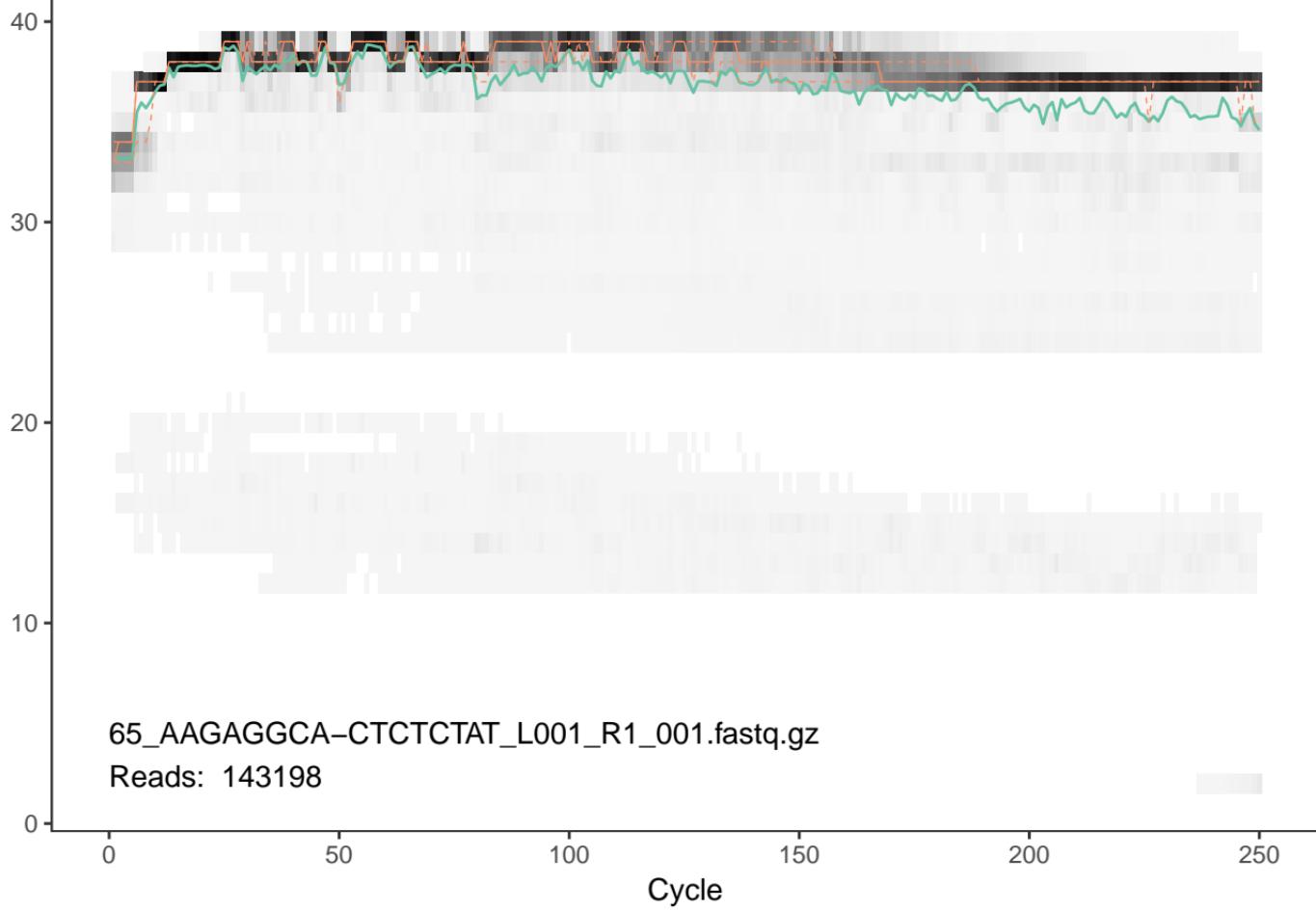
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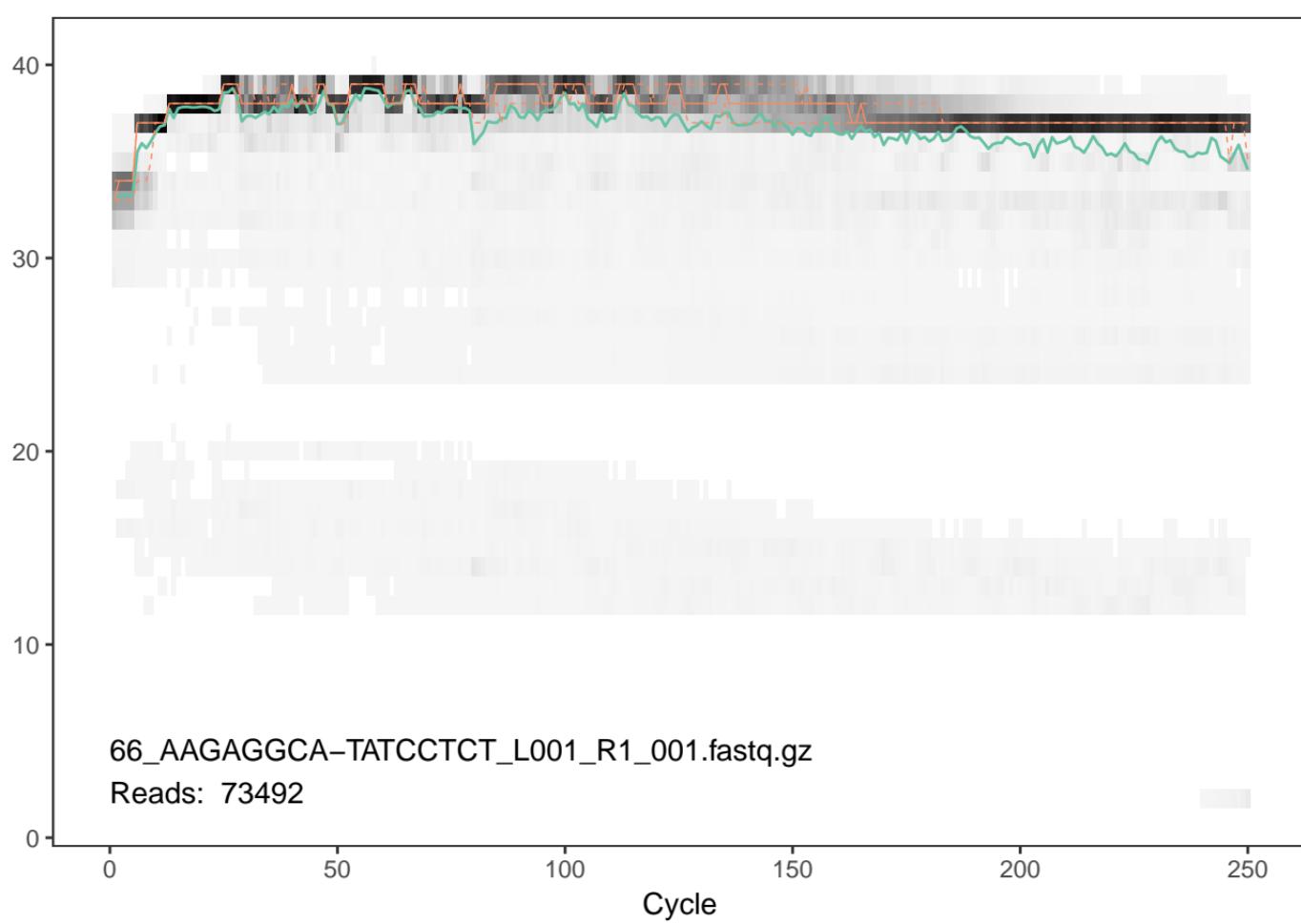
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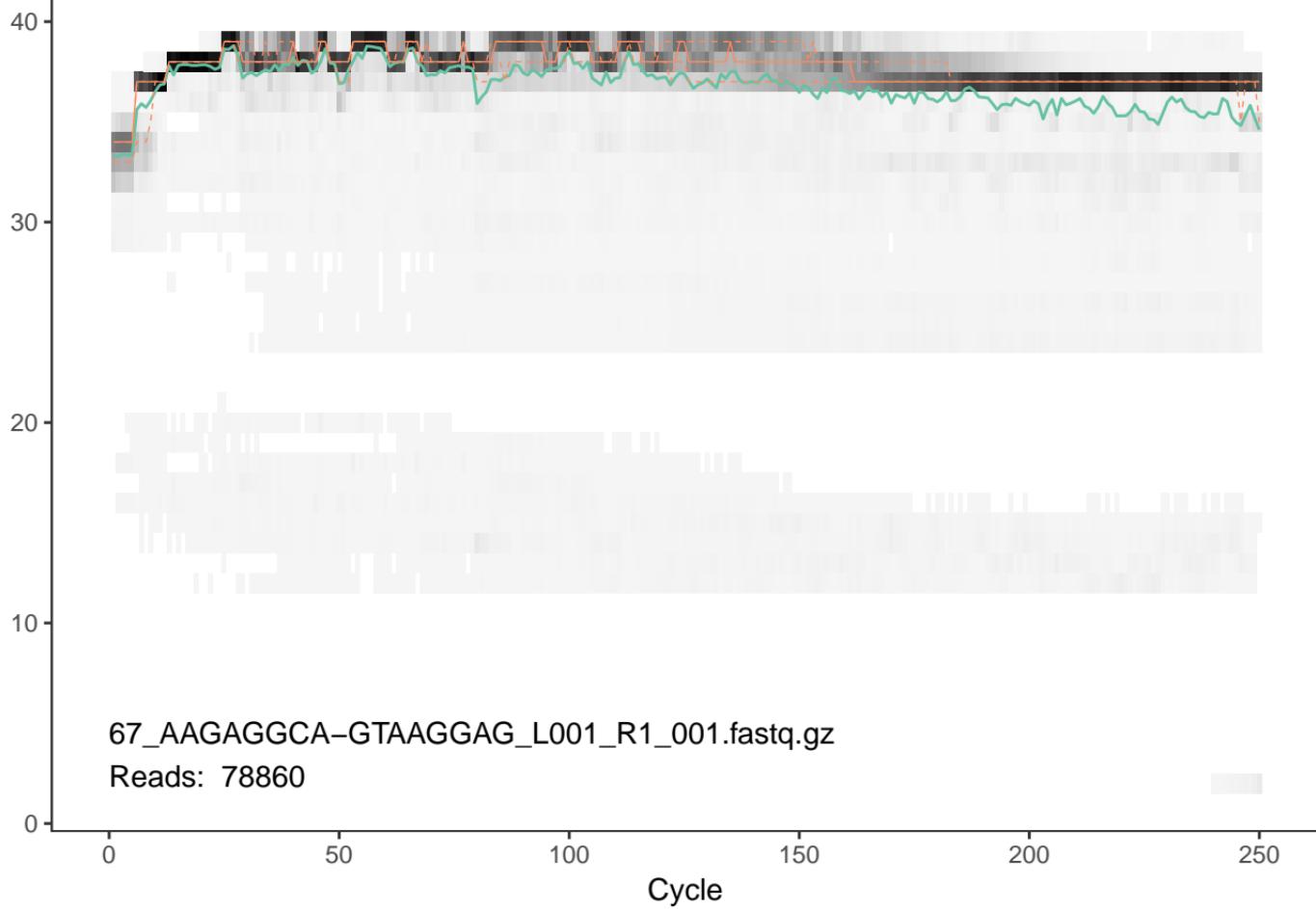
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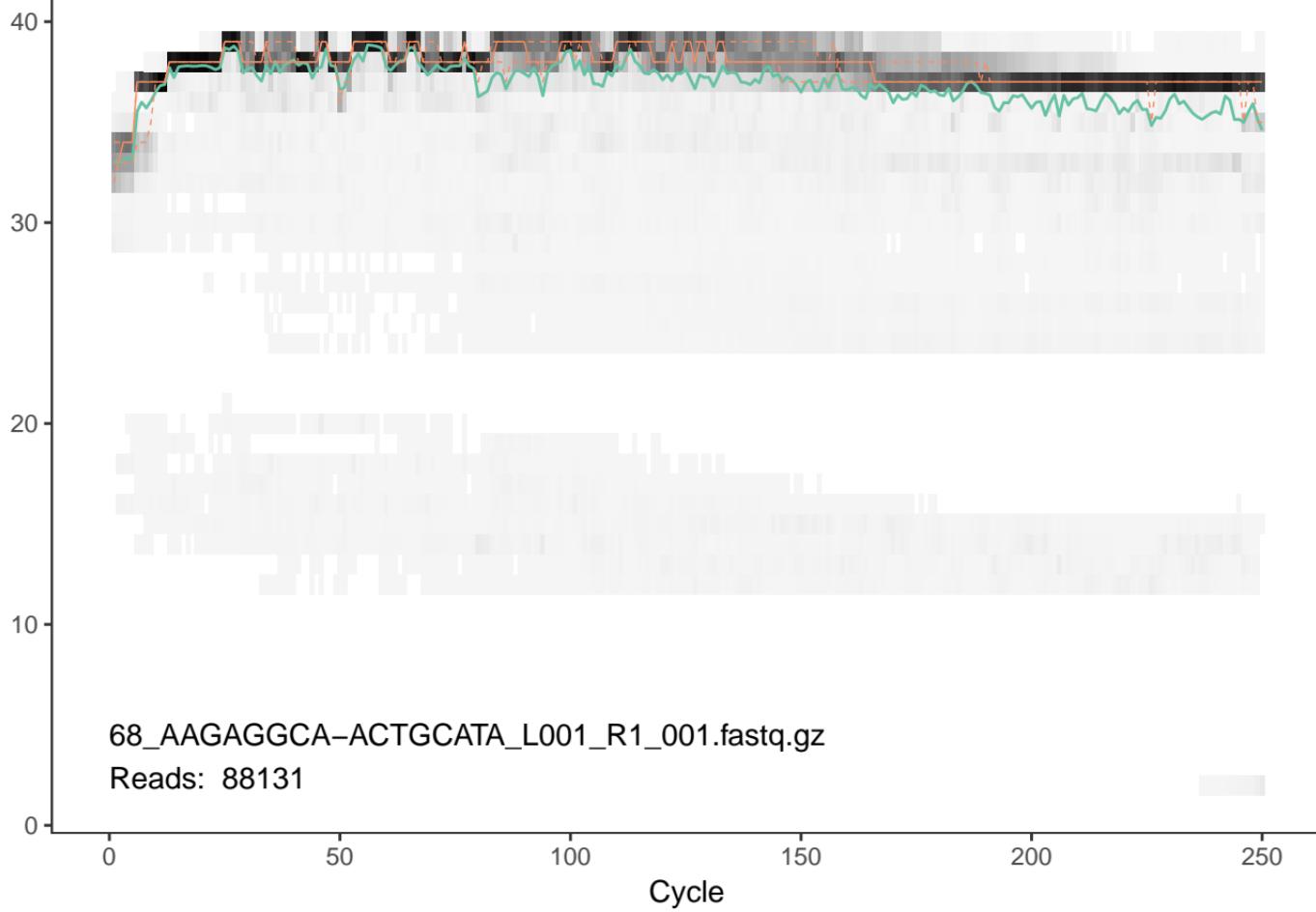
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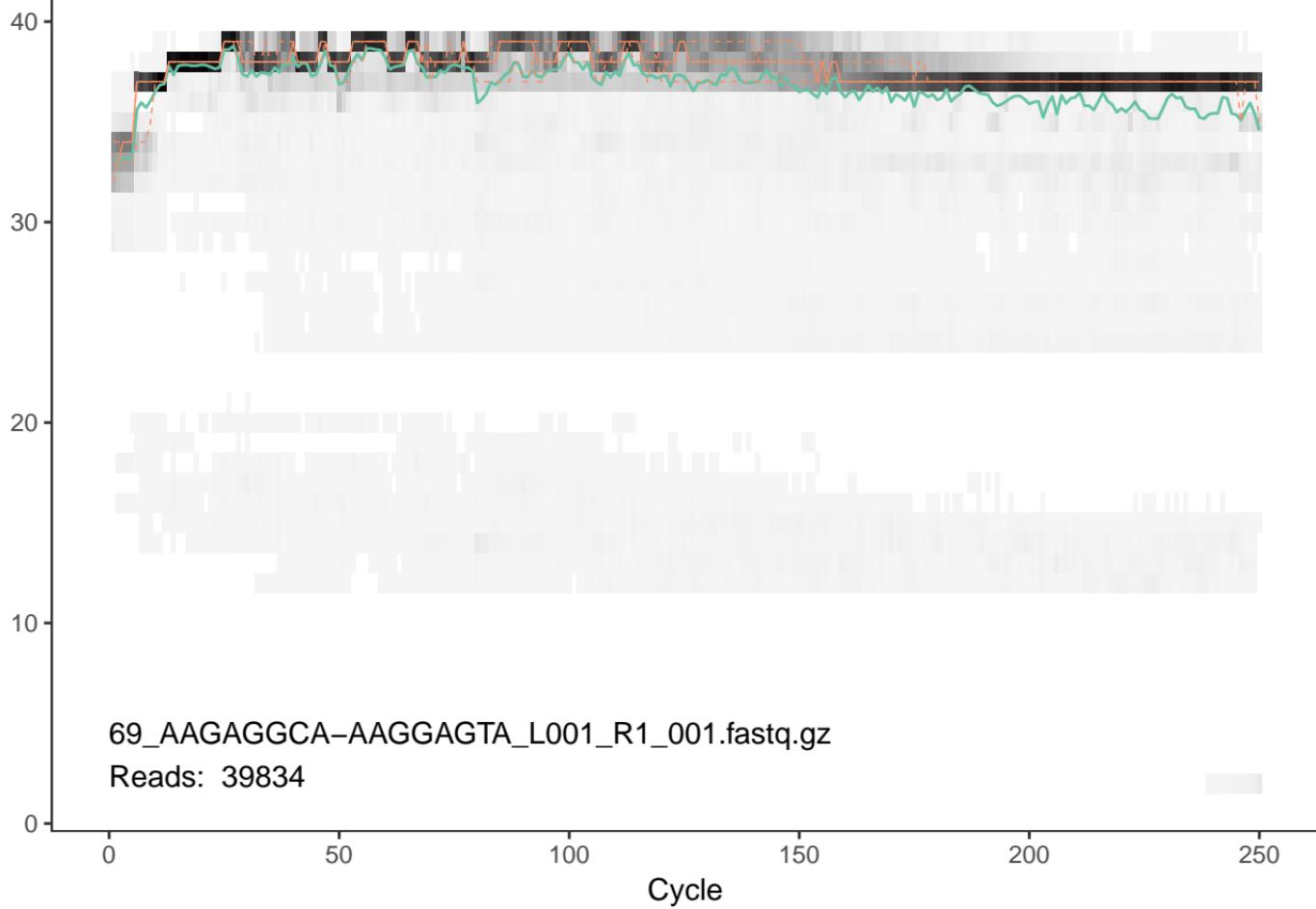
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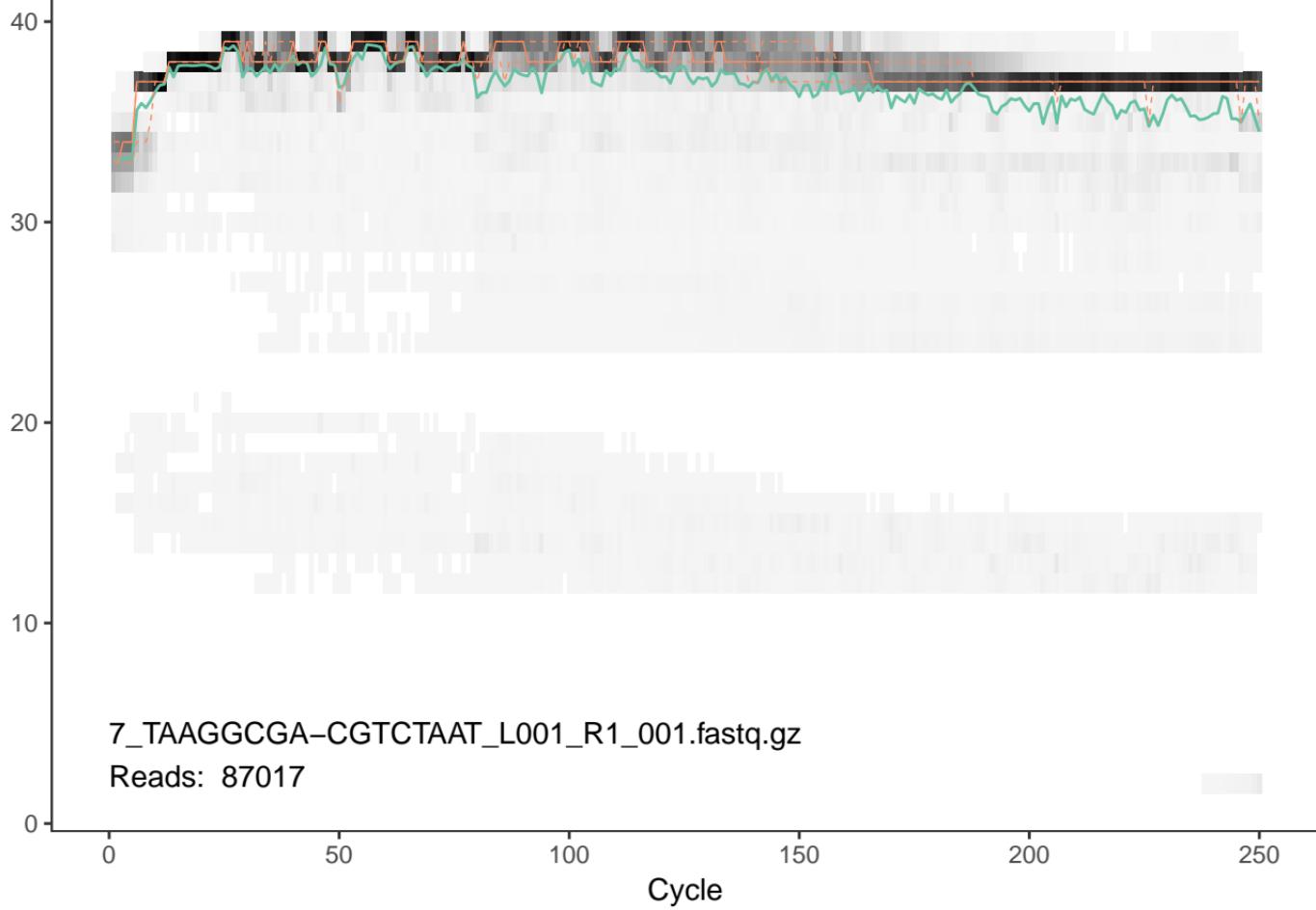
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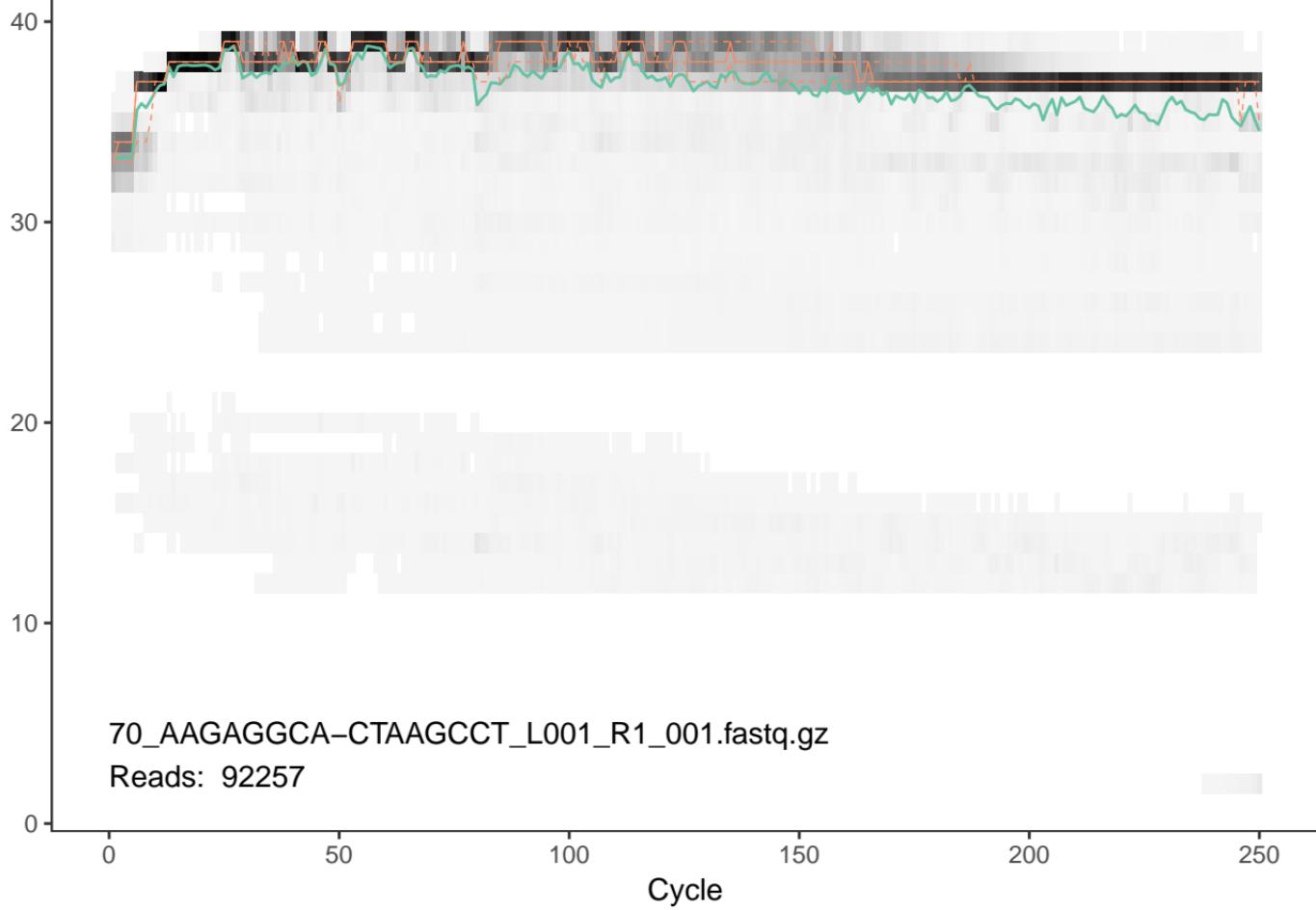
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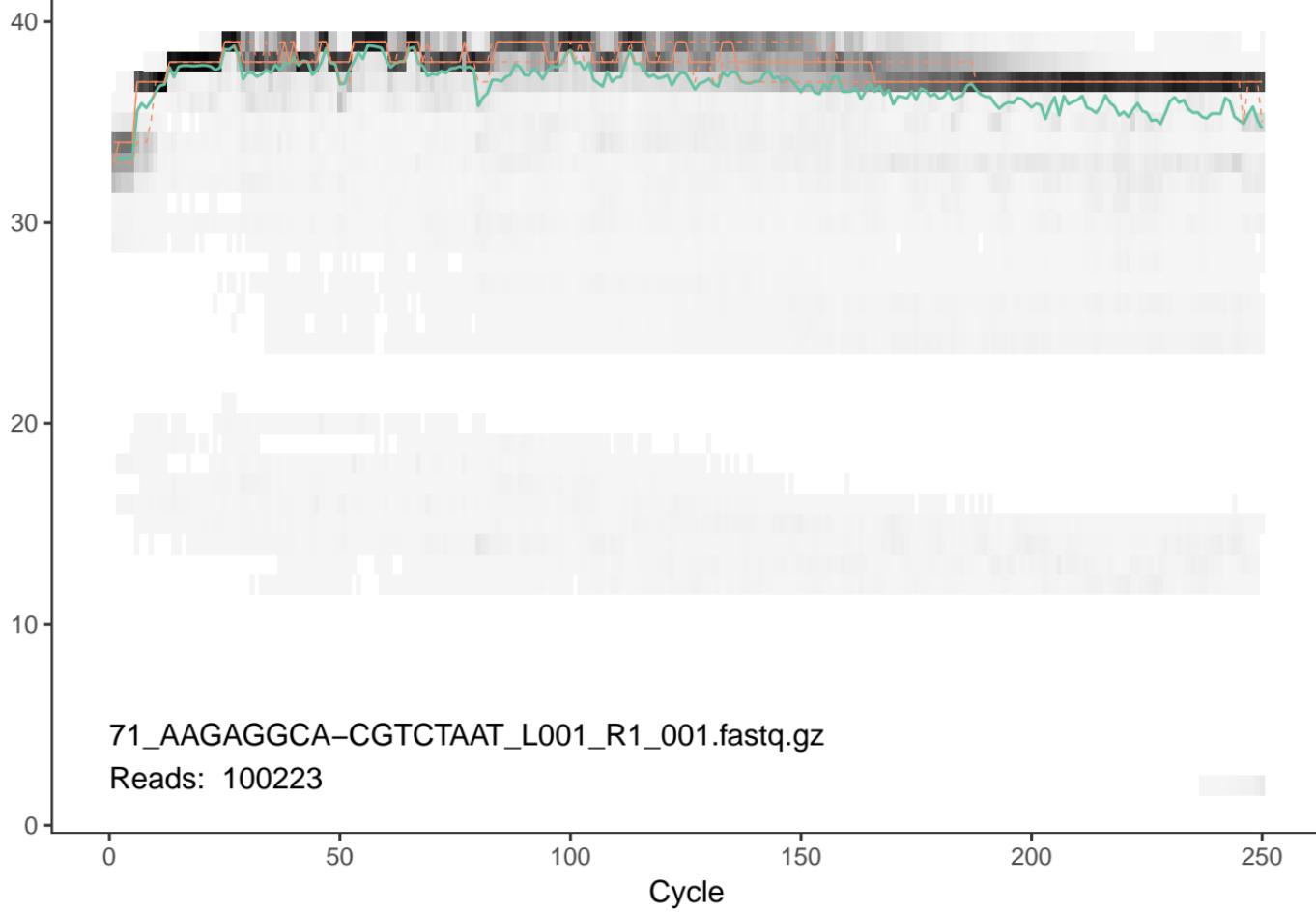
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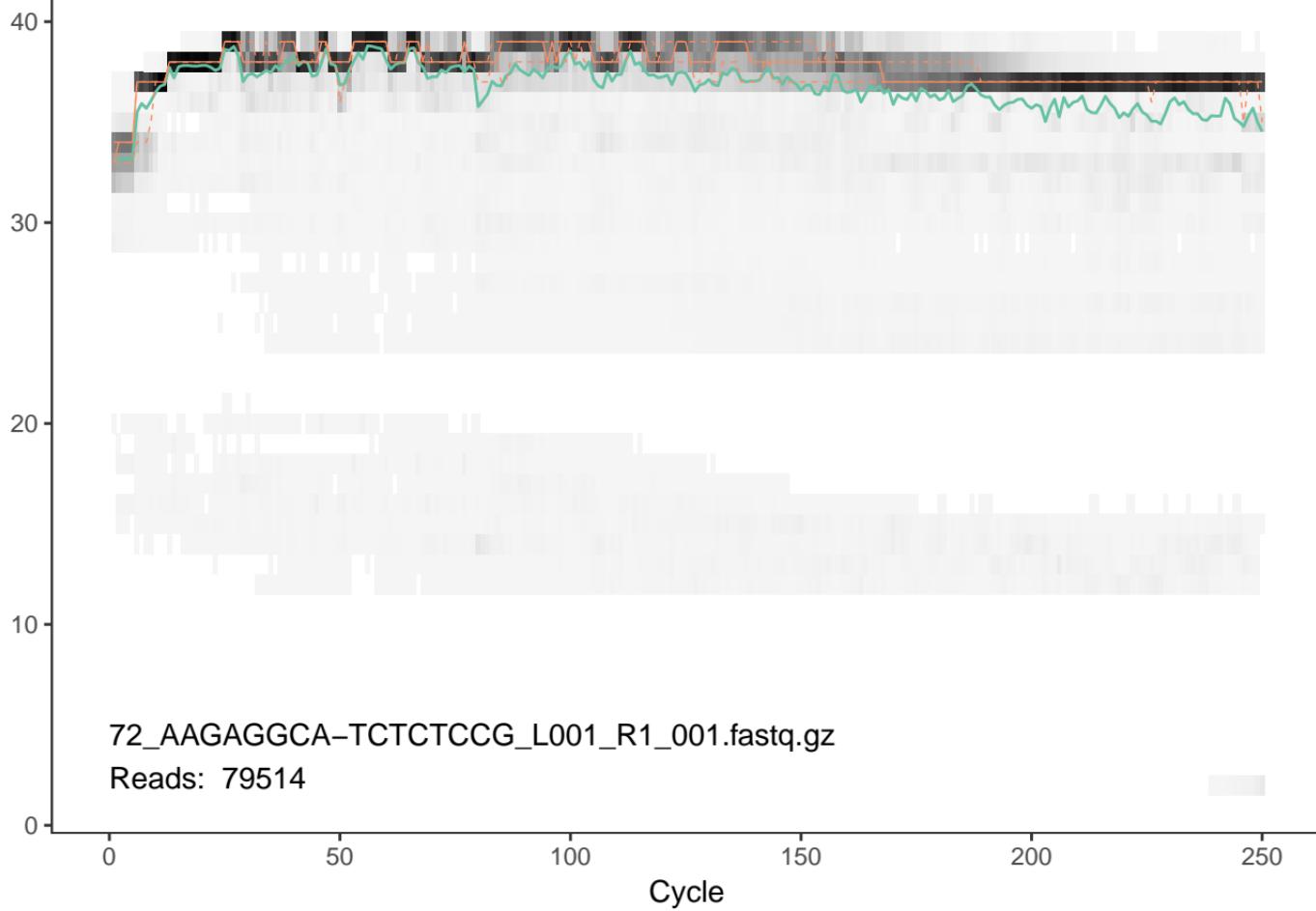
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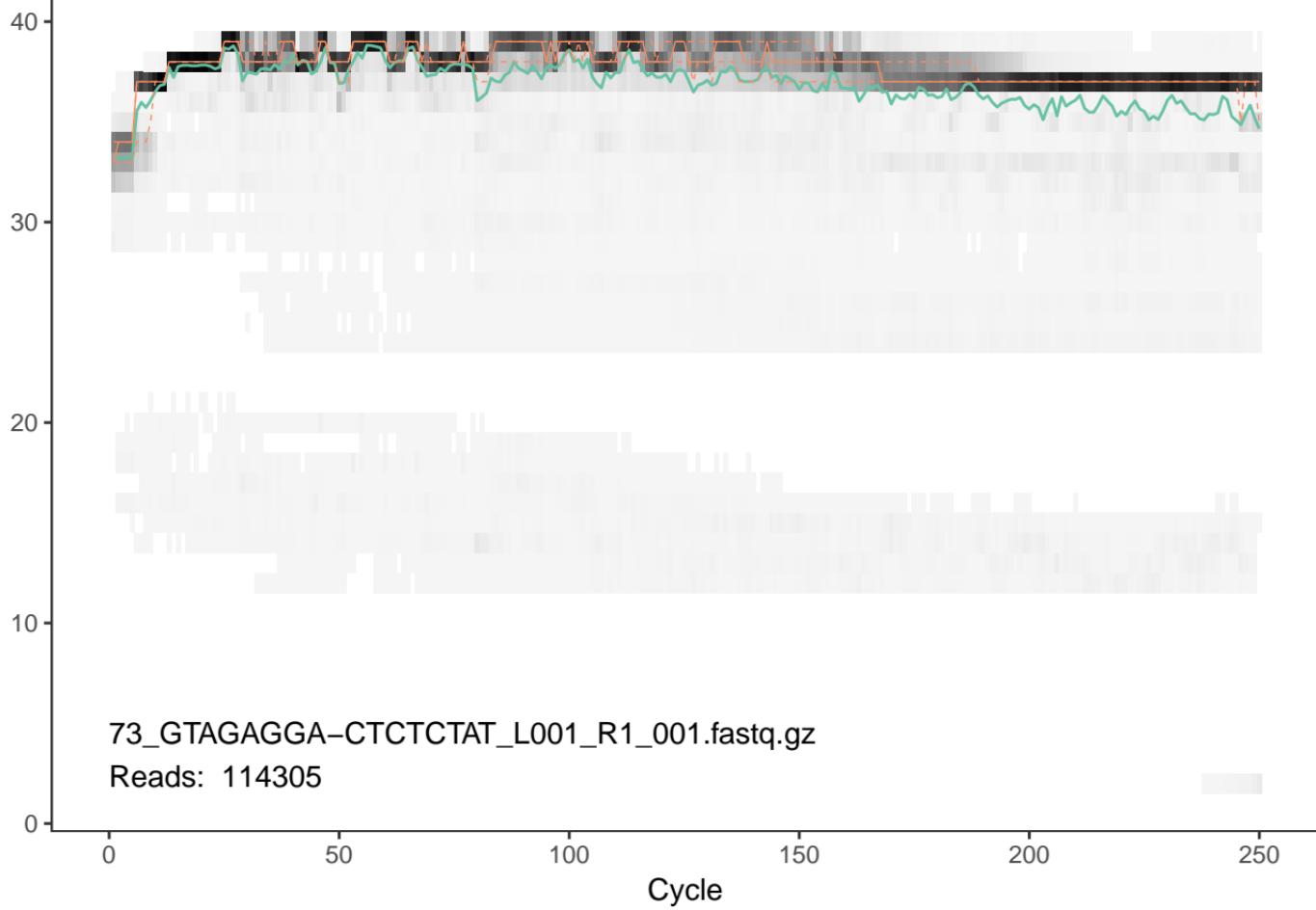
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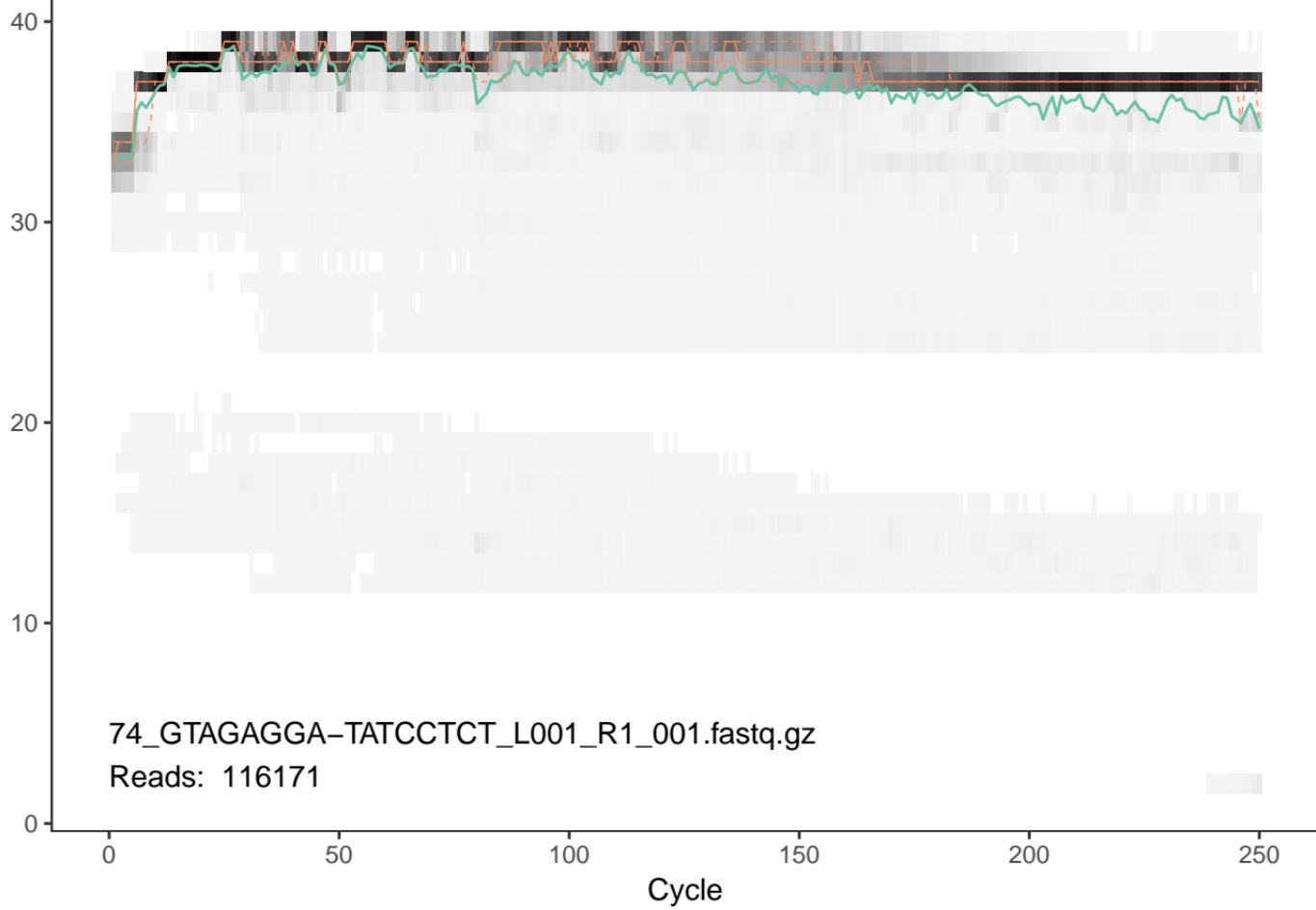
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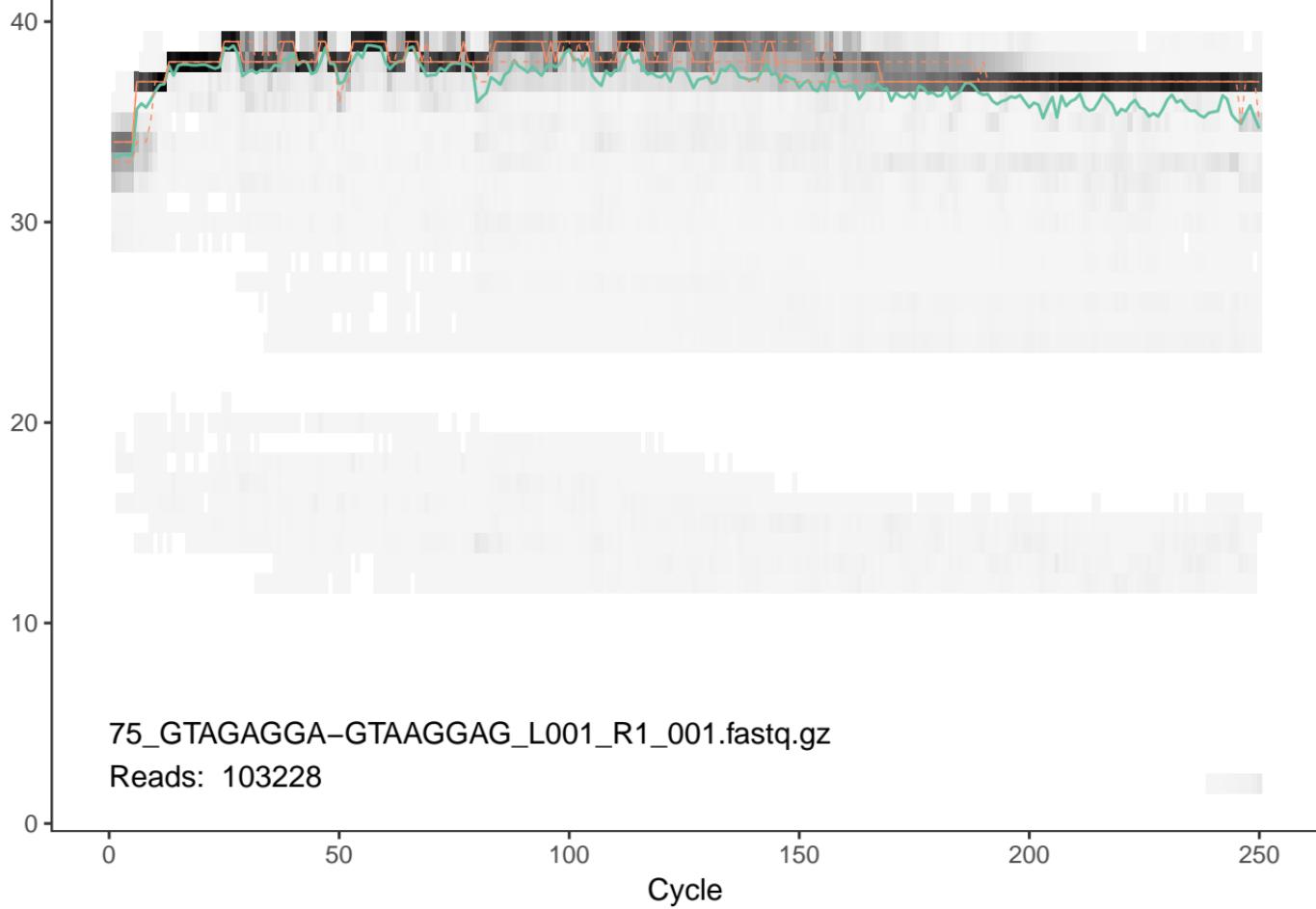
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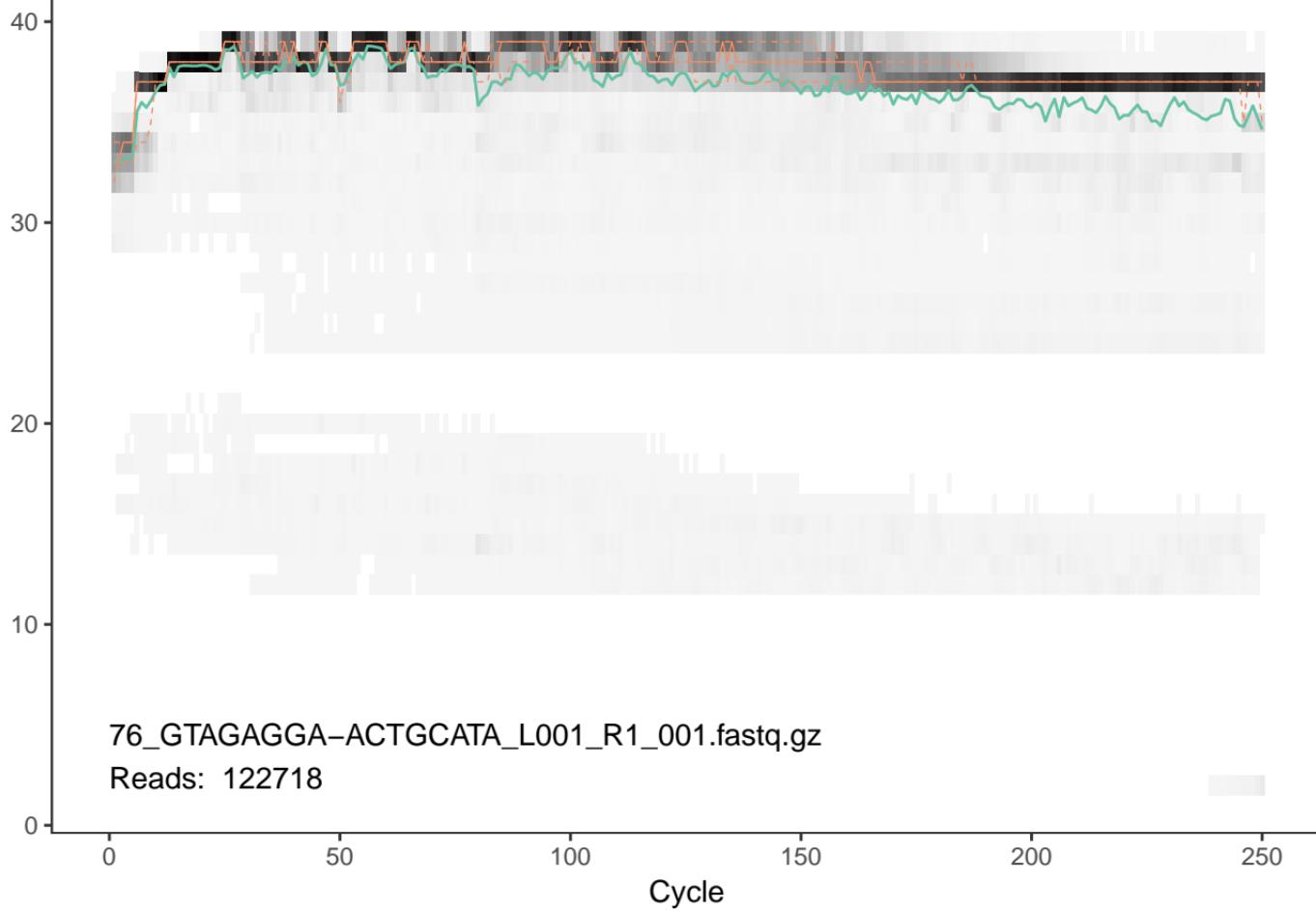
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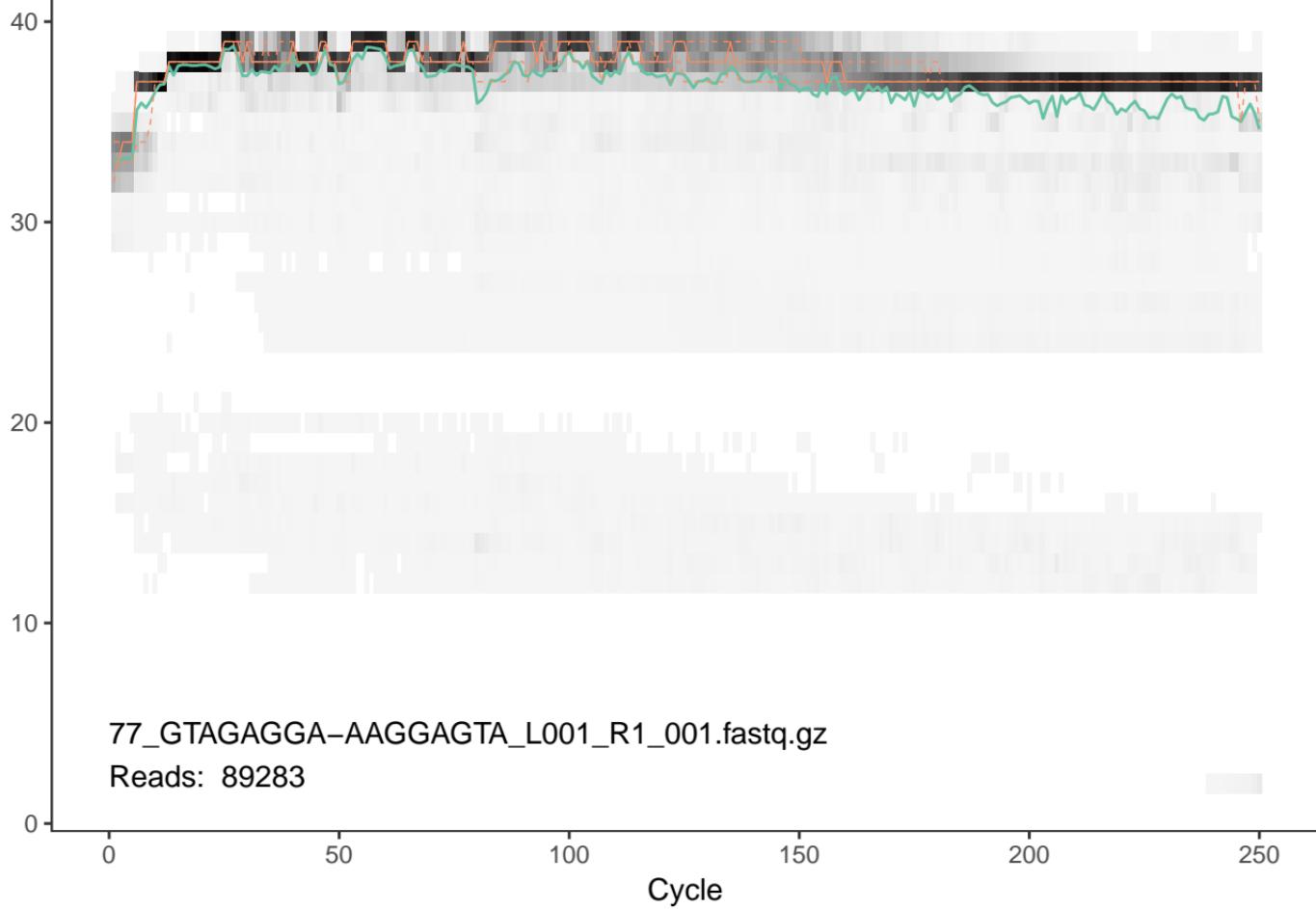
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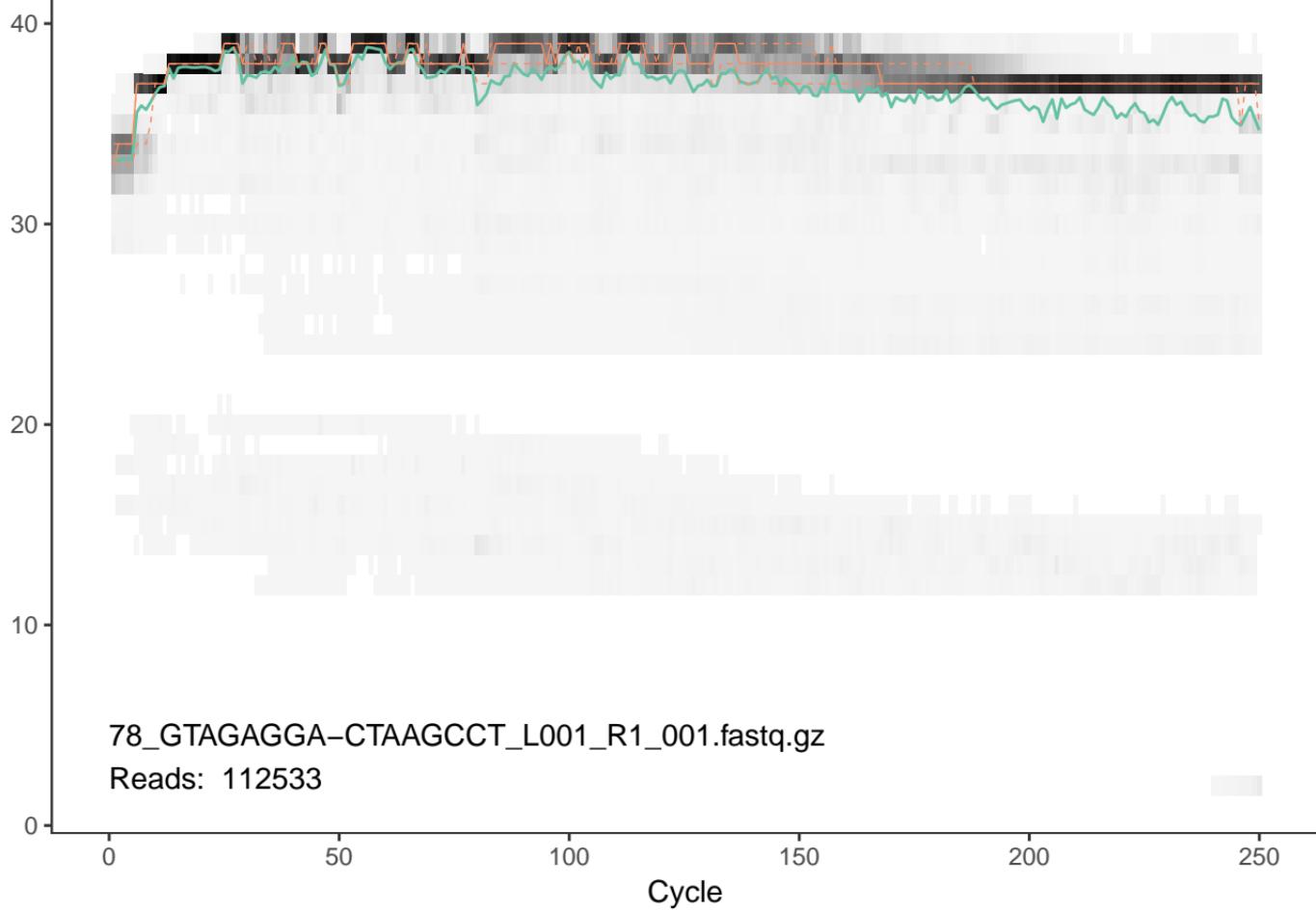
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Quality Score



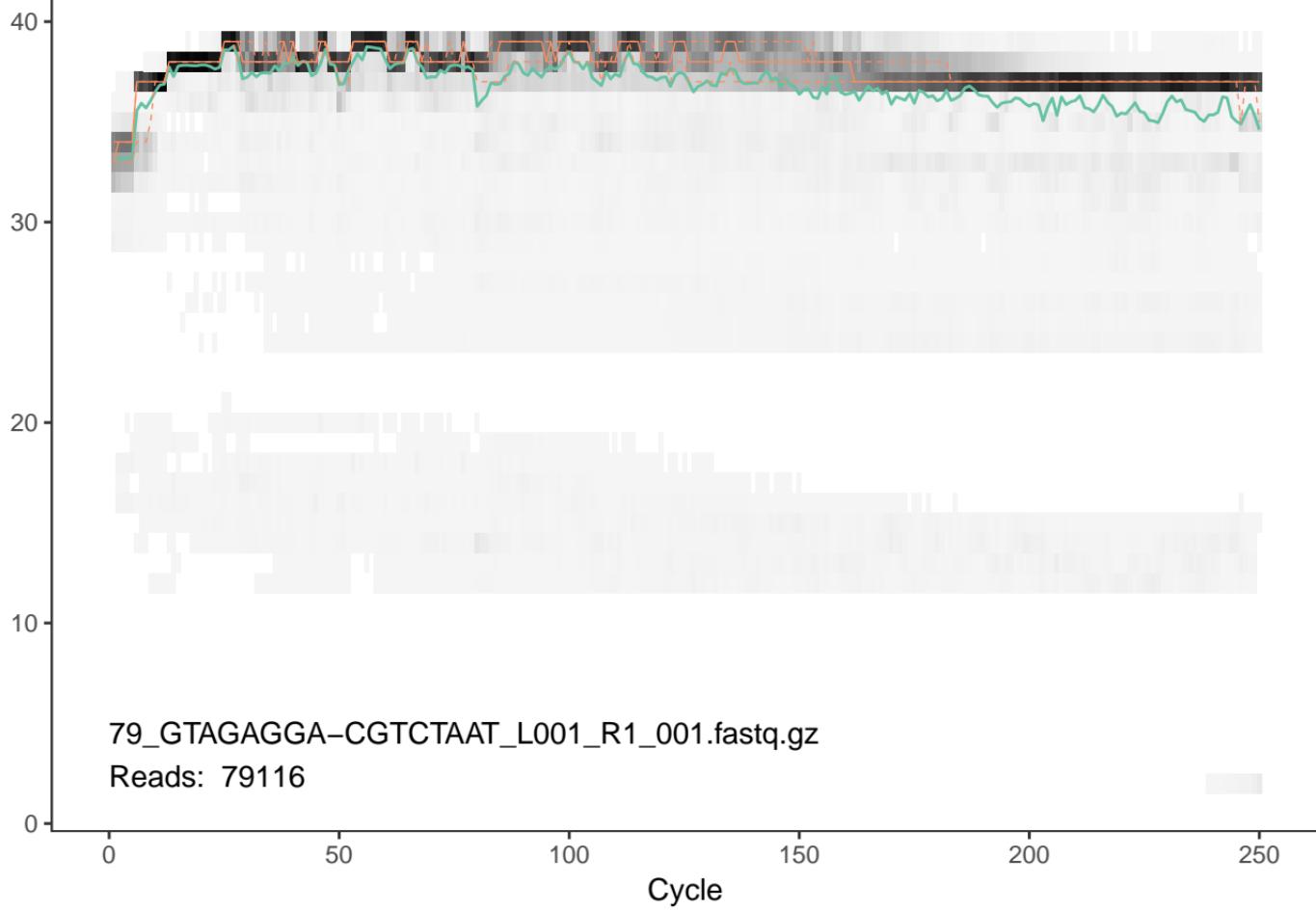
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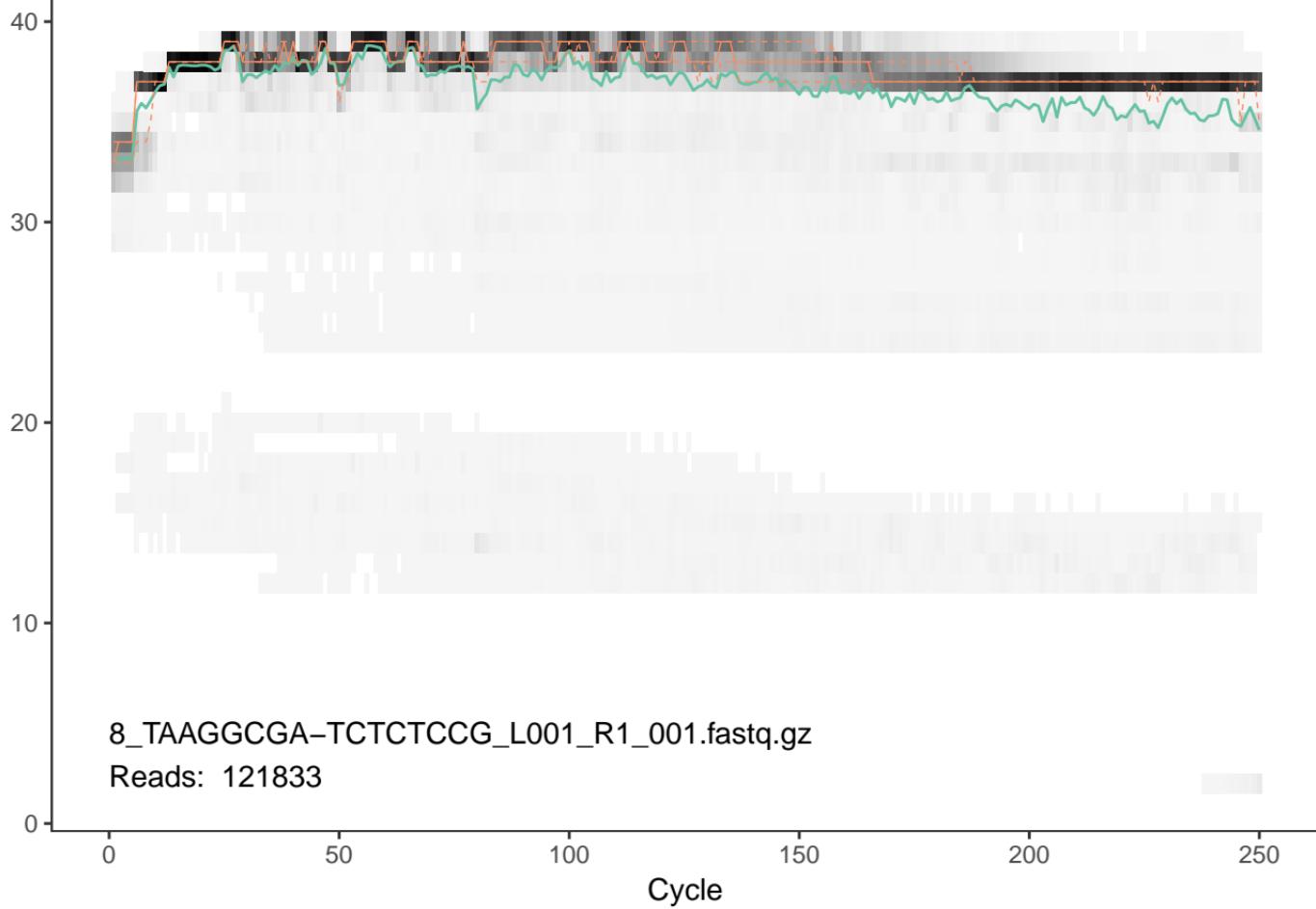
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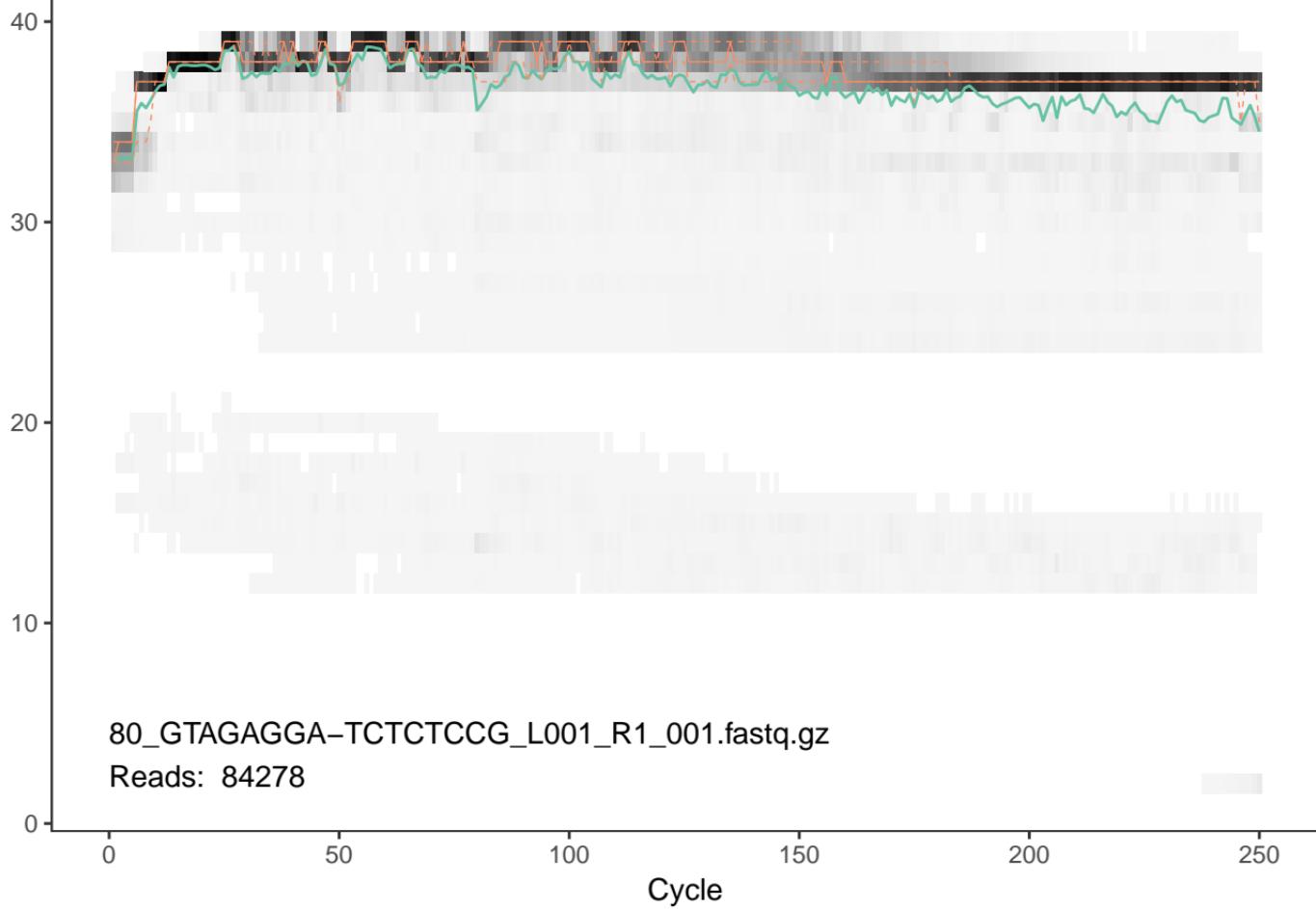
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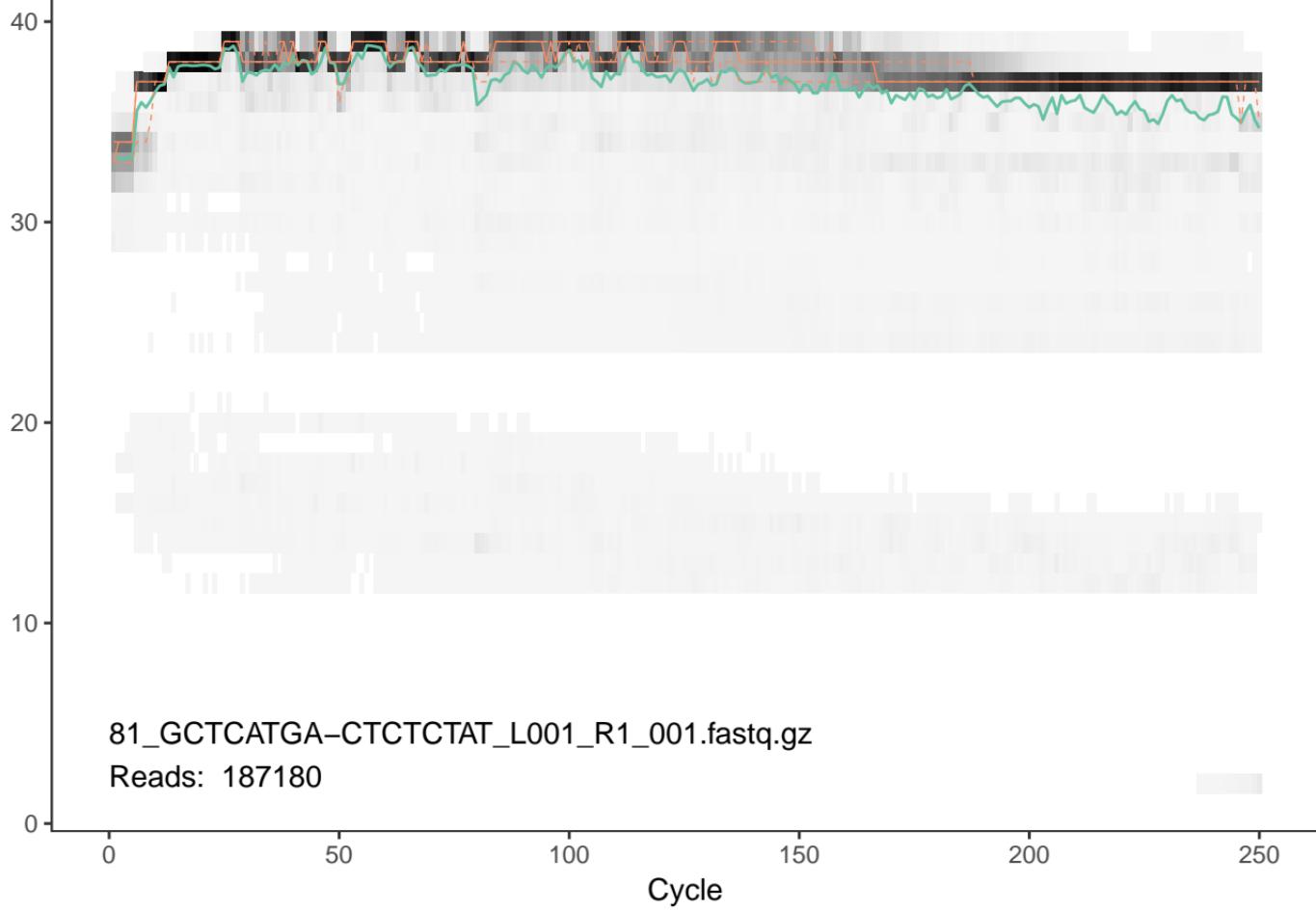
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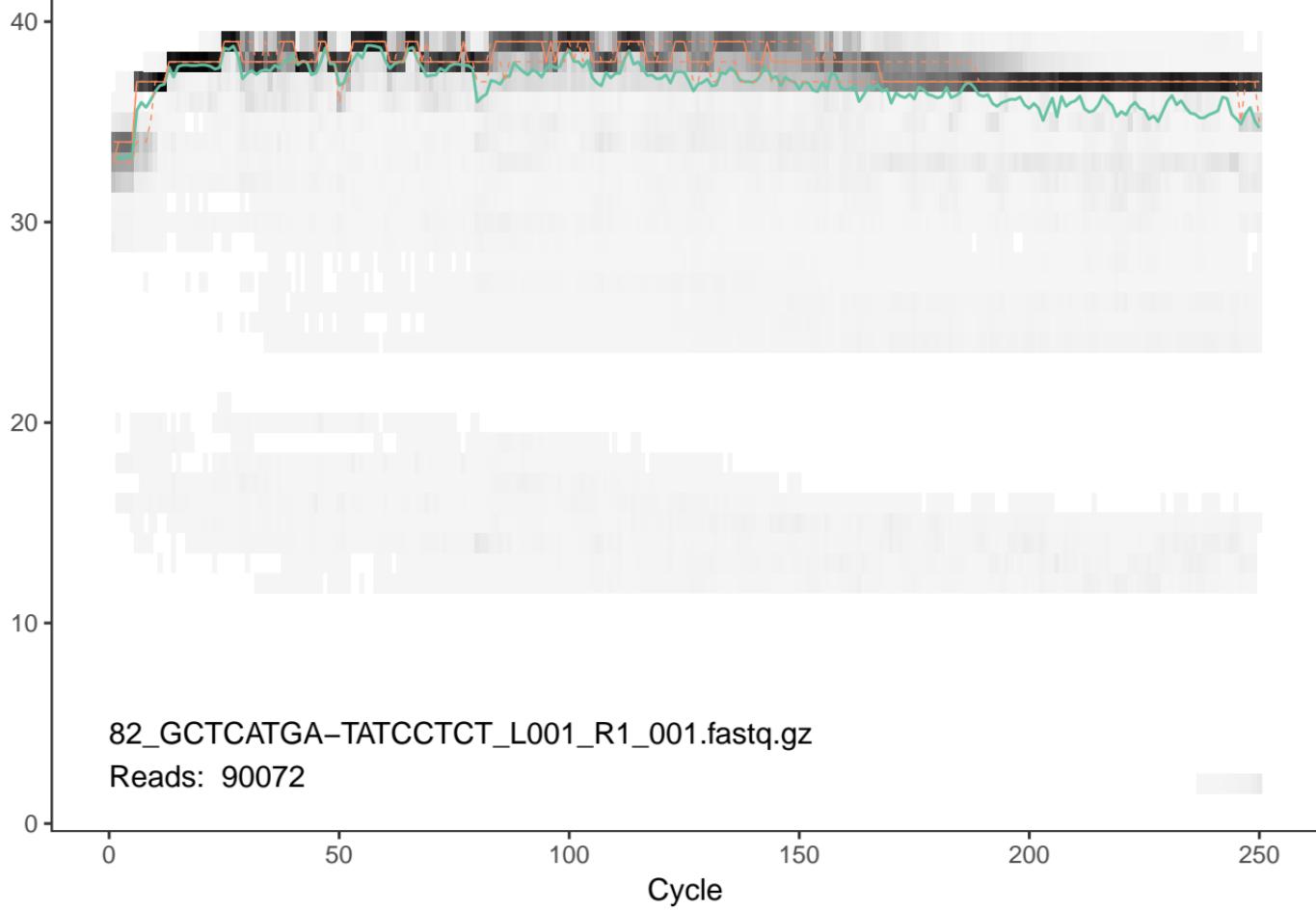
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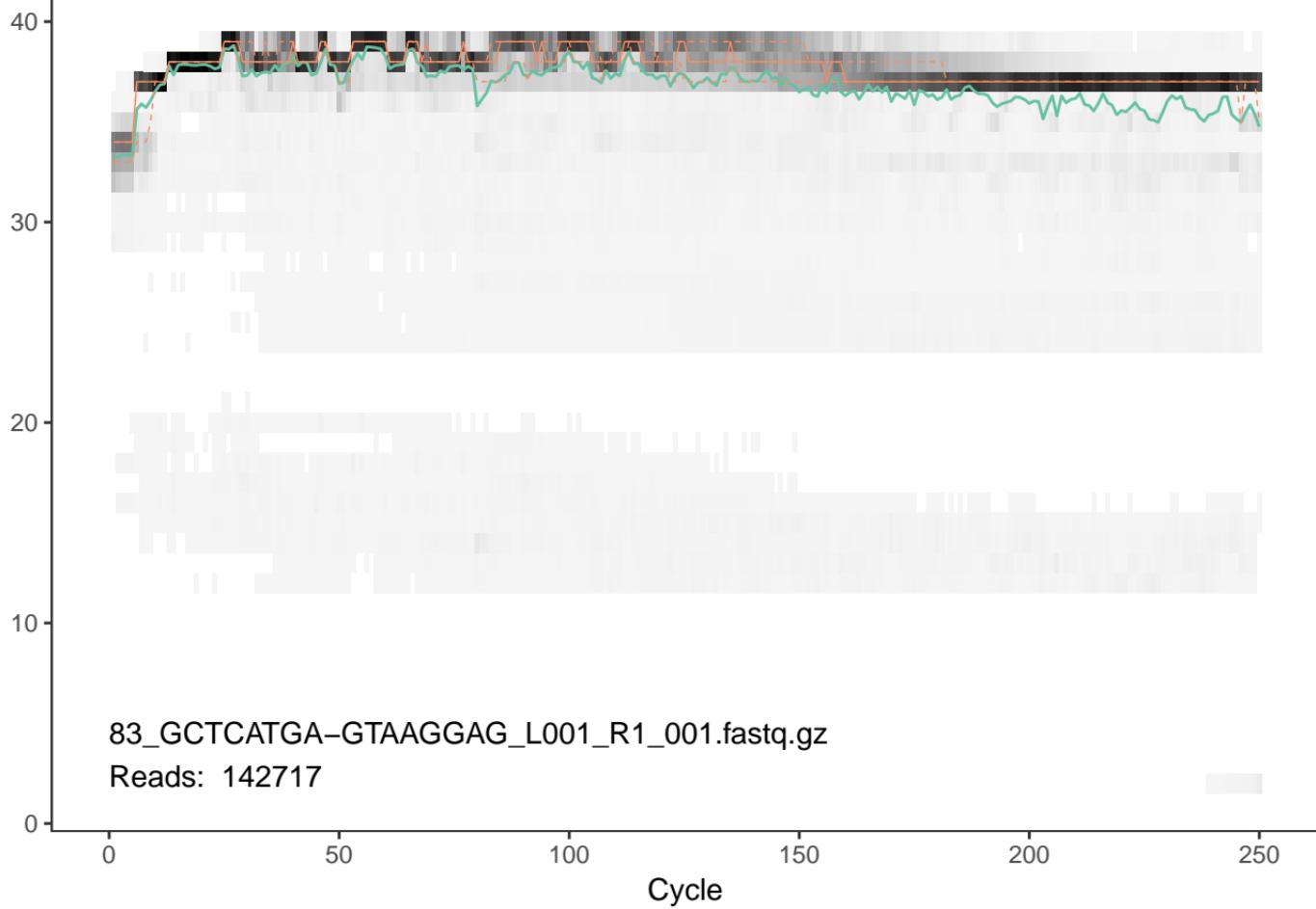
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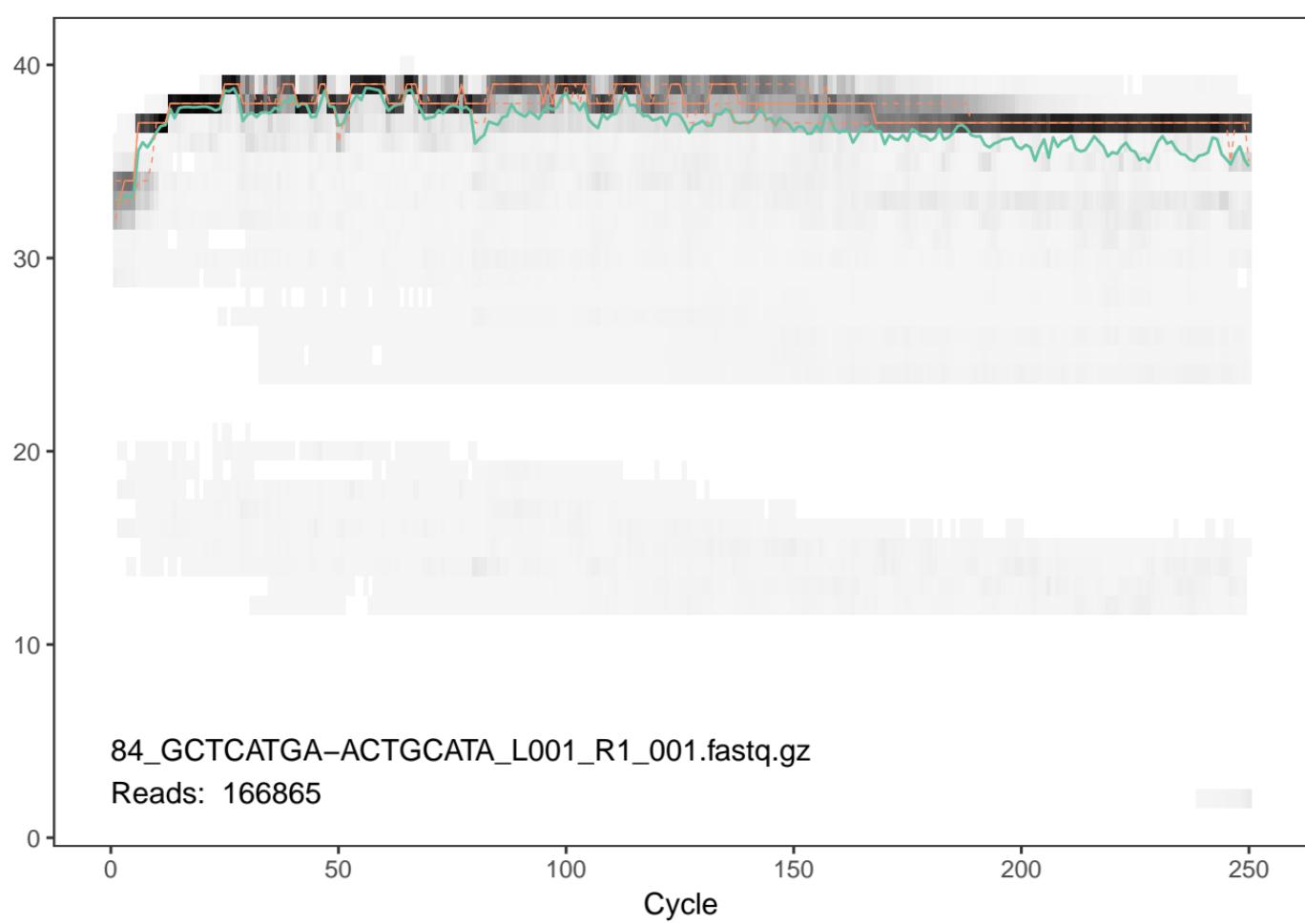
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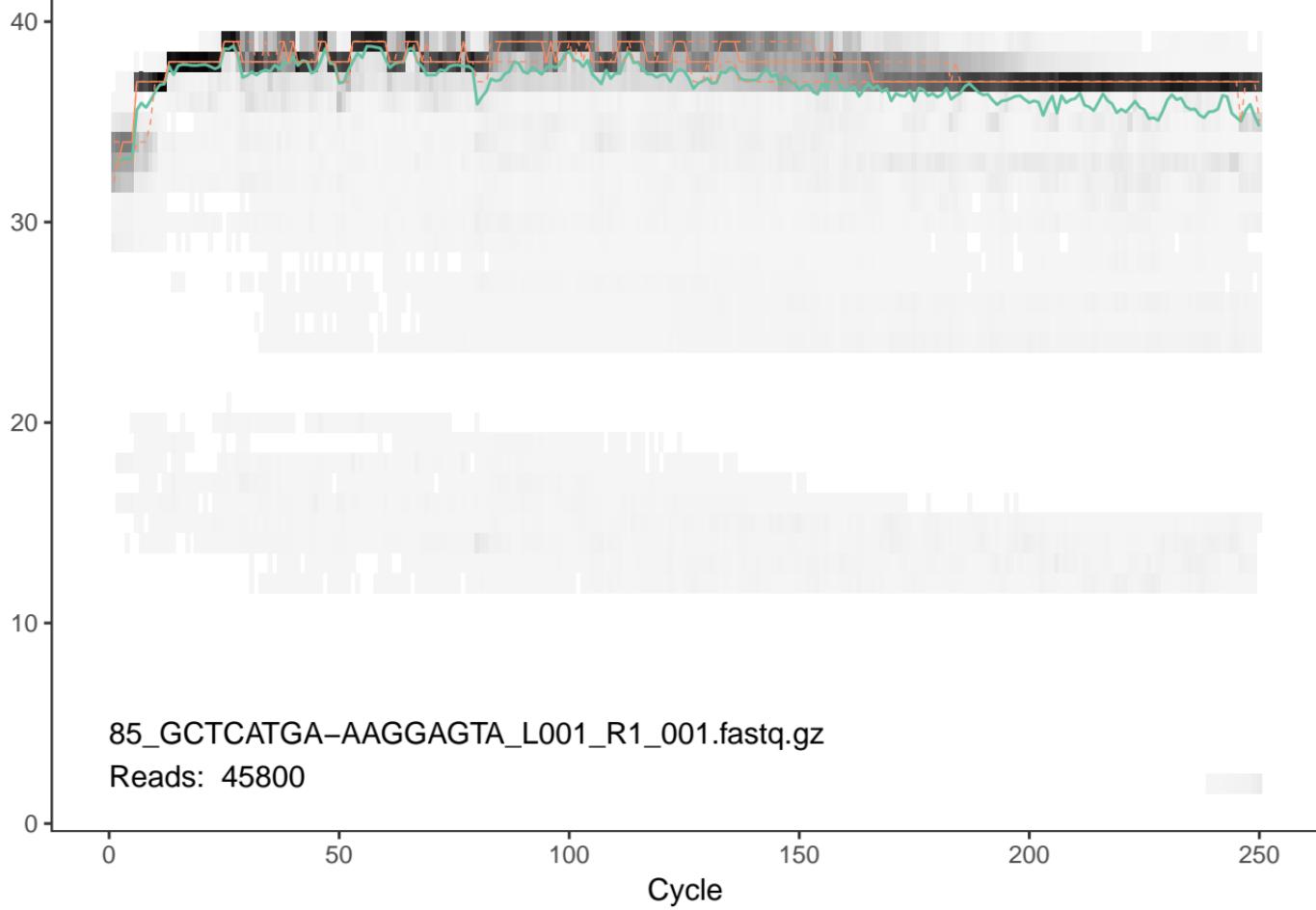
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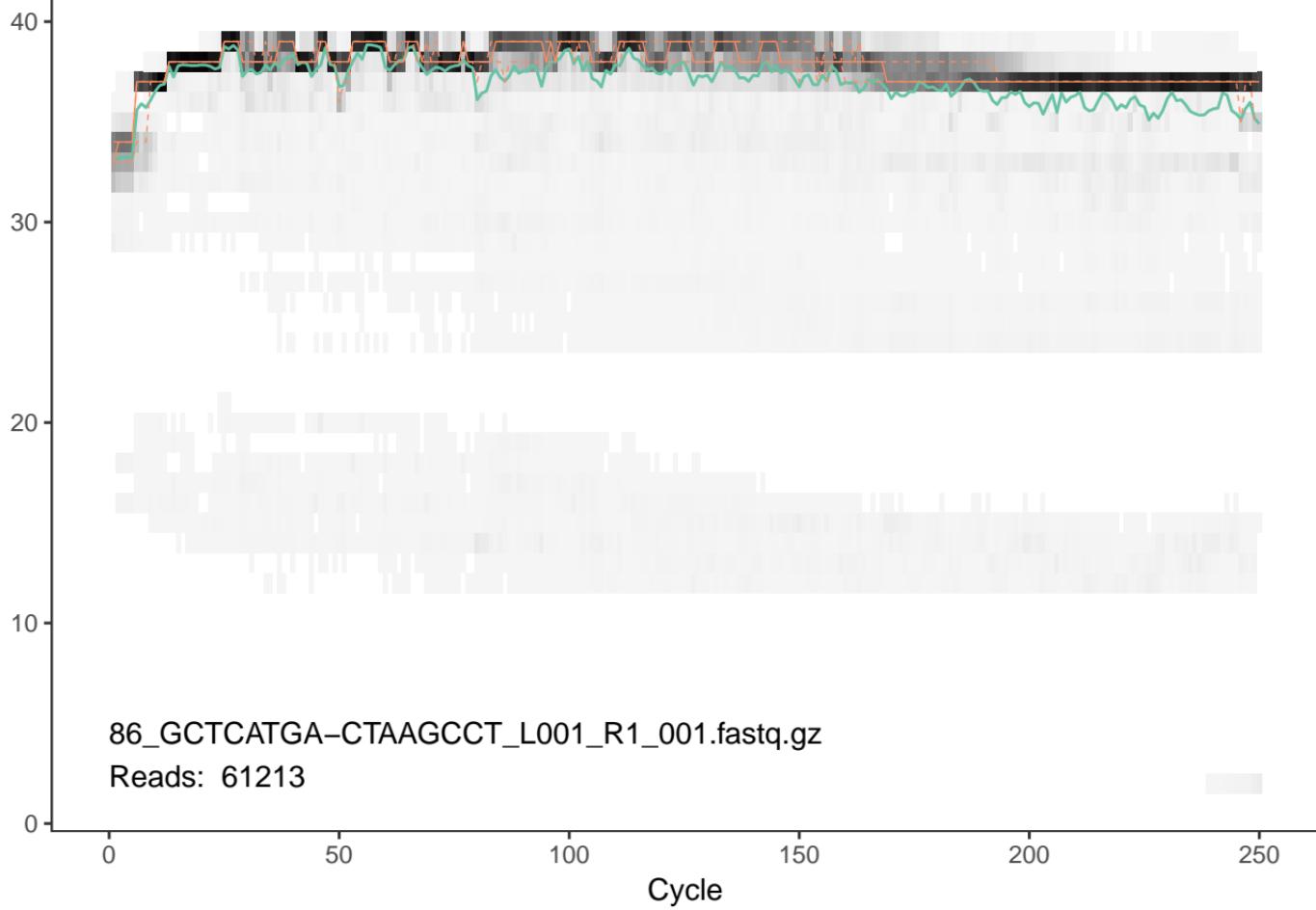
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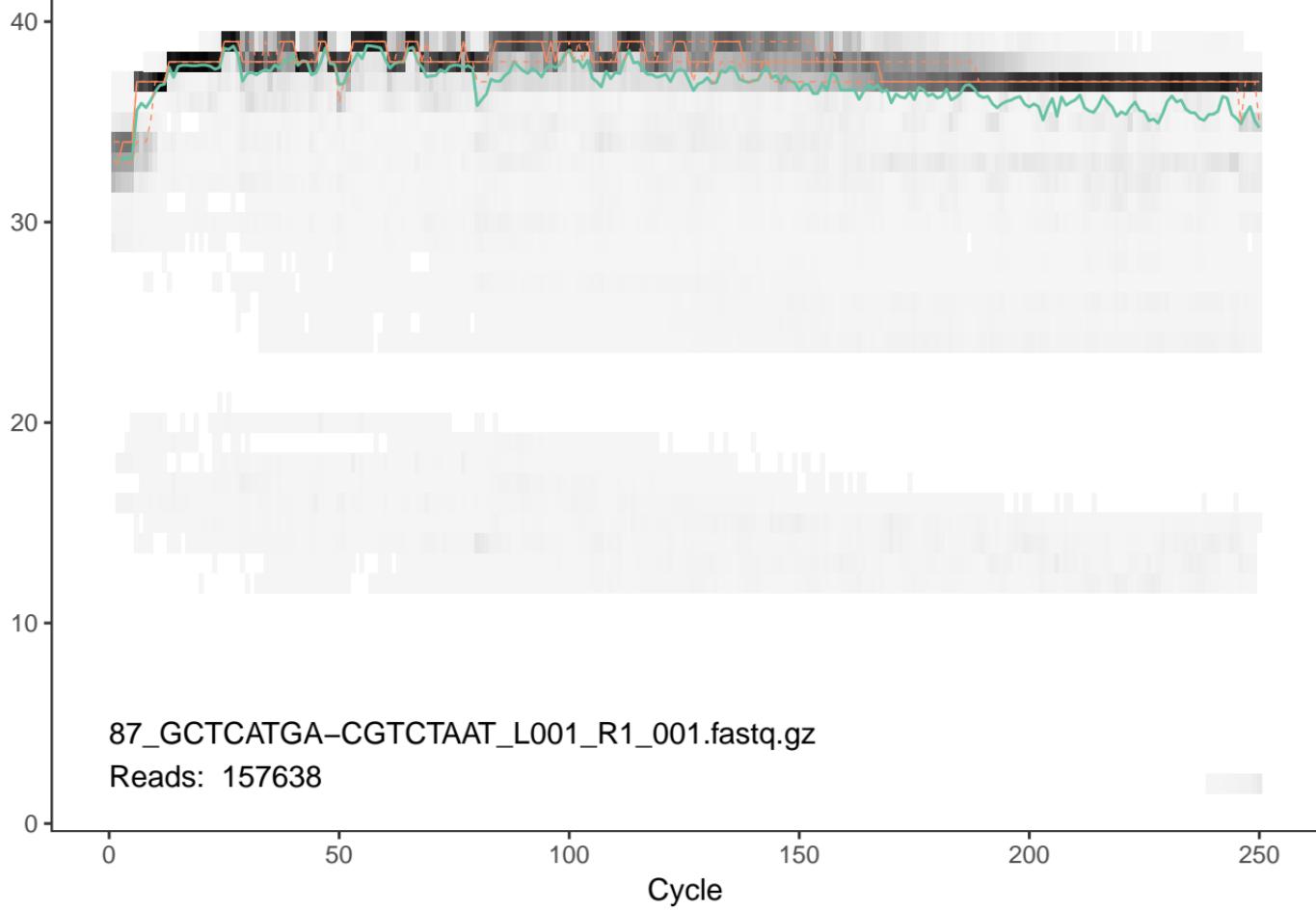
Fwd

Quality Score



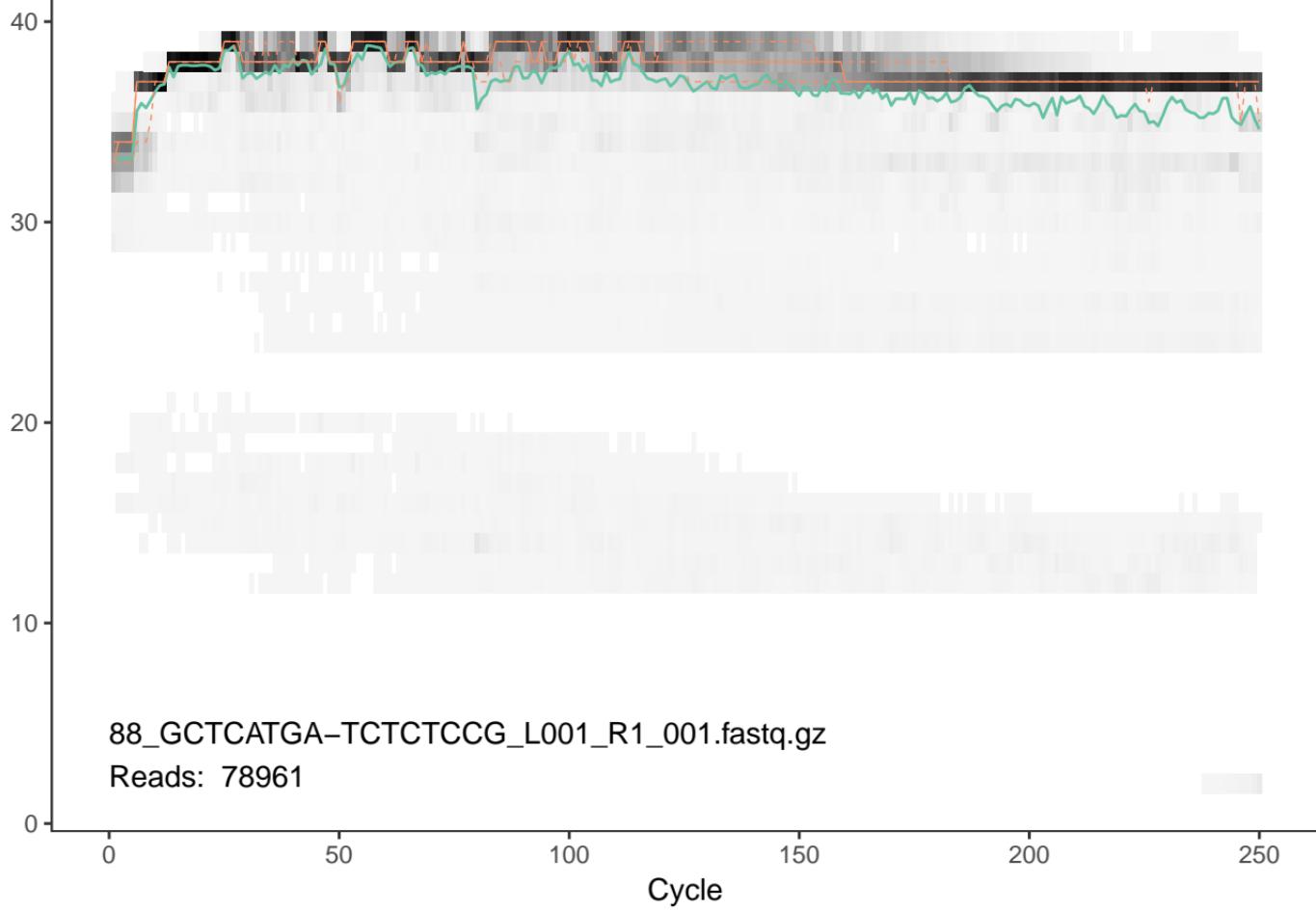
Fwd

Quality Score



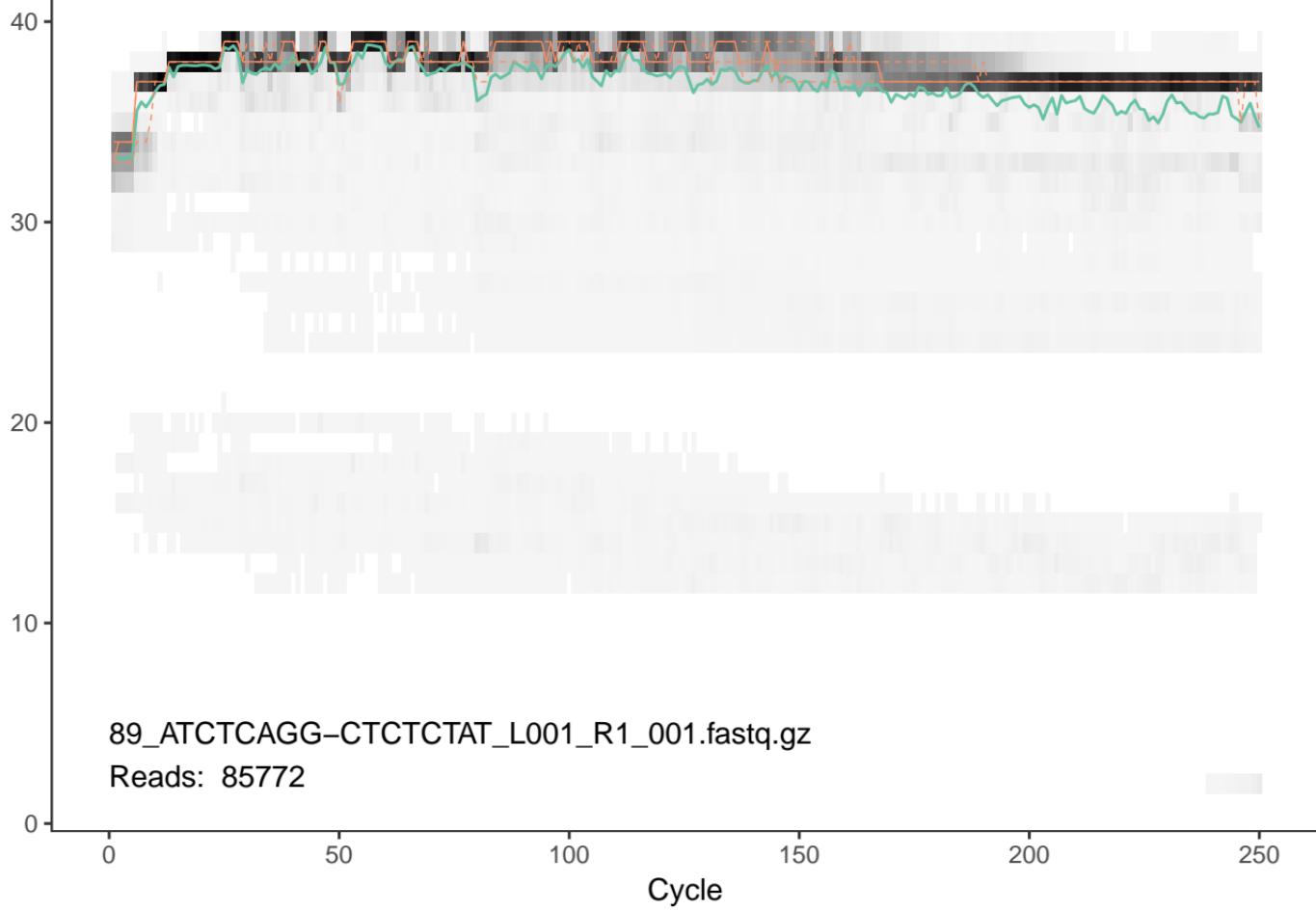
Fwd

Quality Score



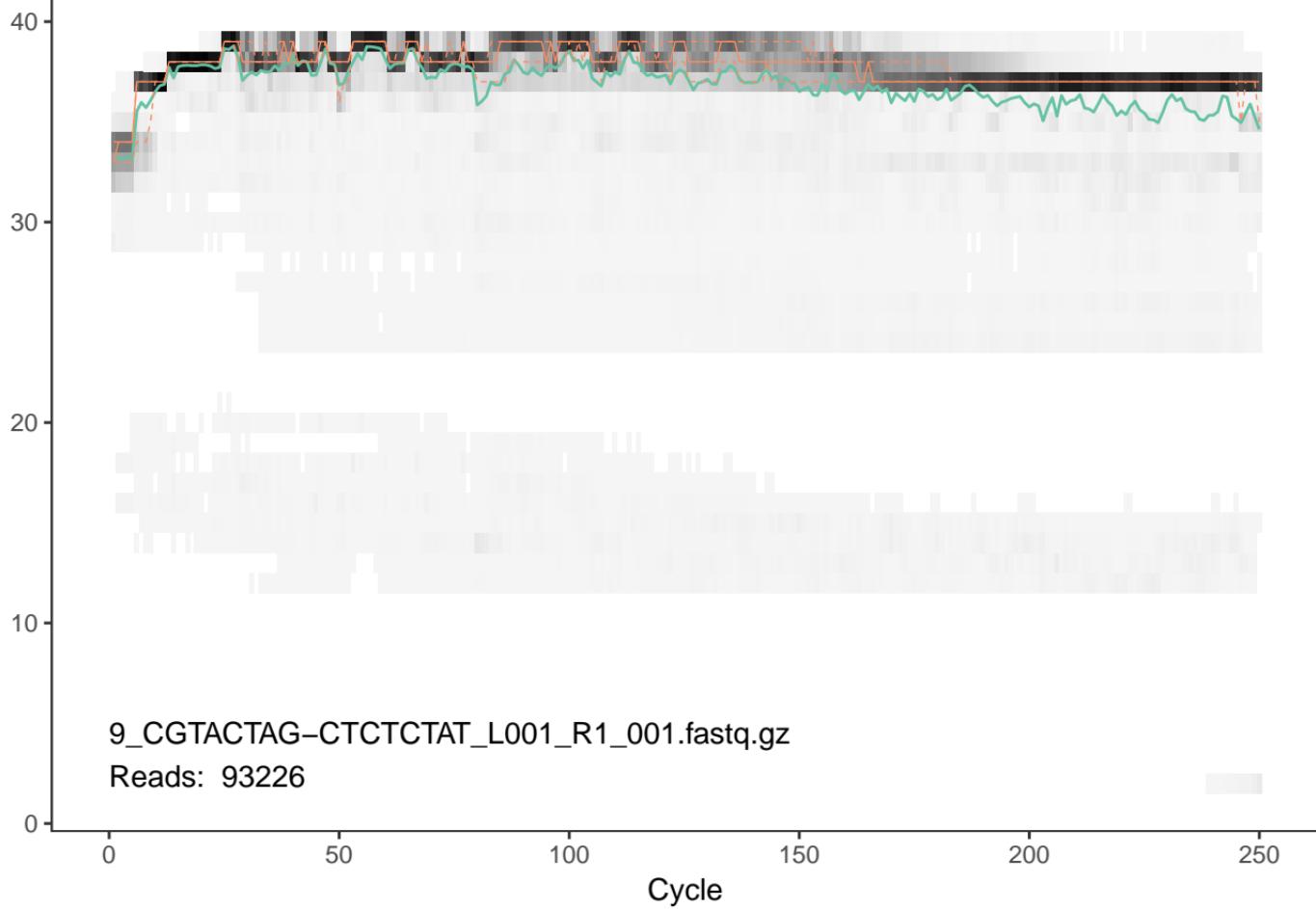
Fwd

Quality Score



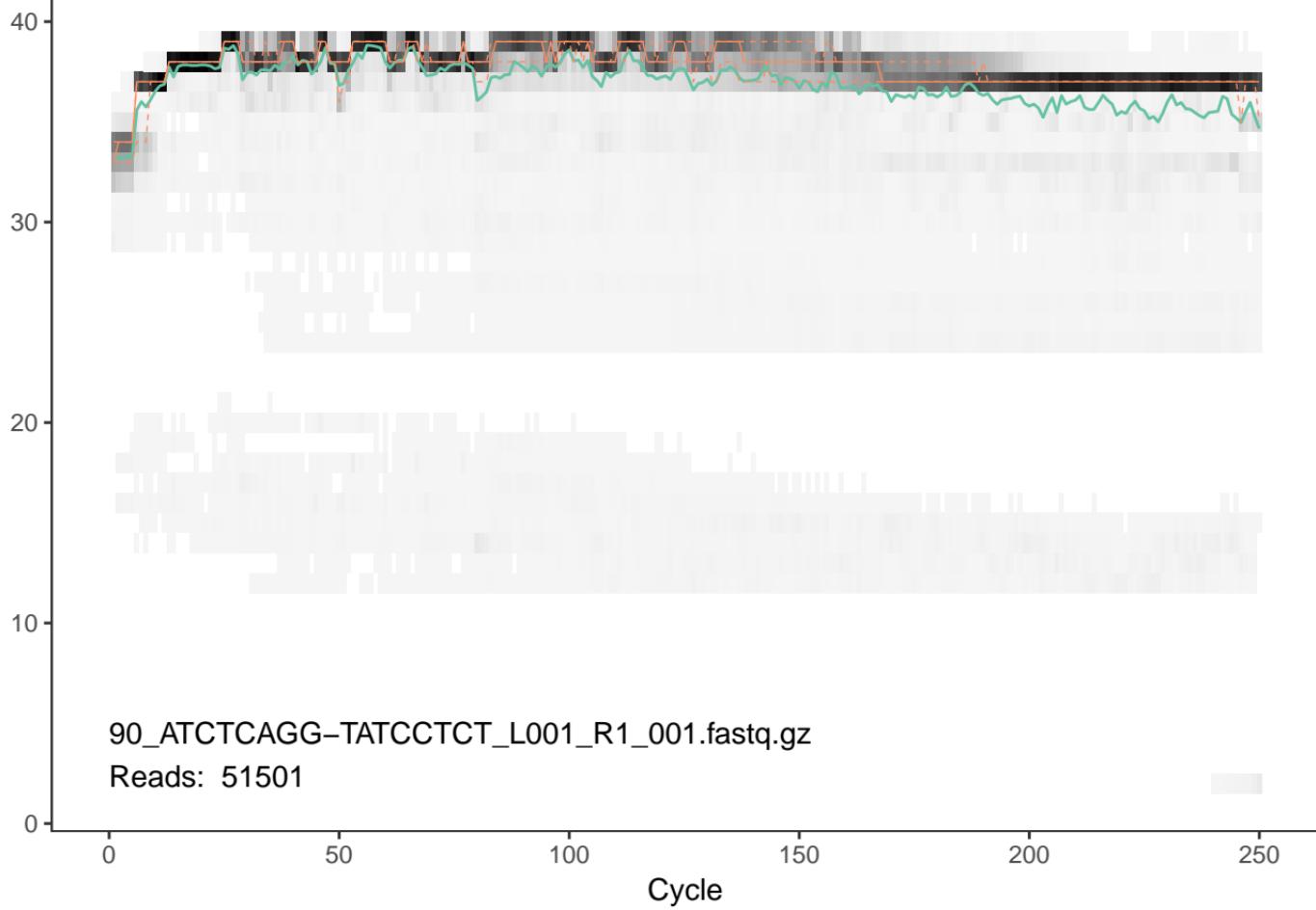
Fwd

Quality Score



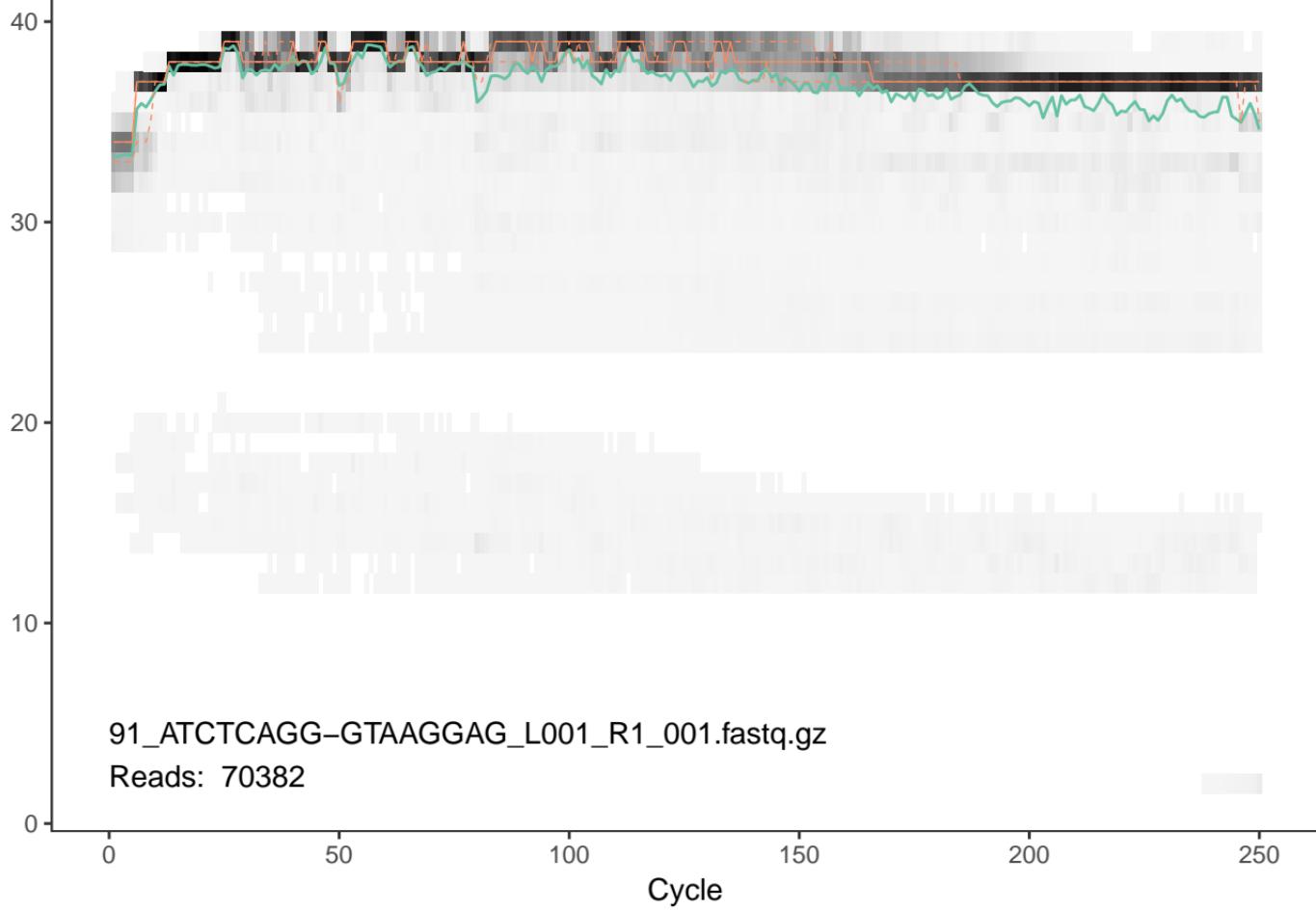
Fwd

Quality Score



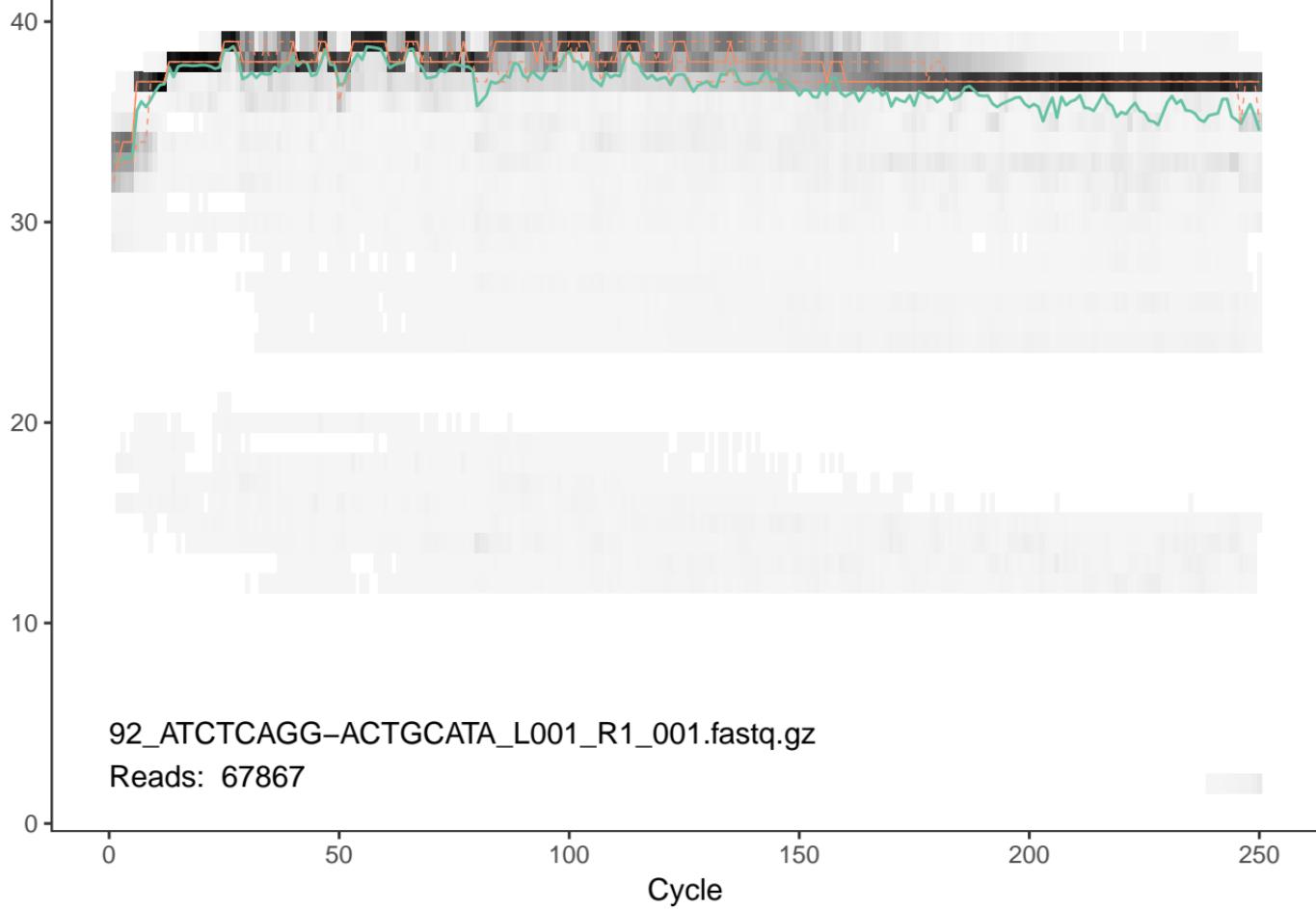
Fwd

Quality Score



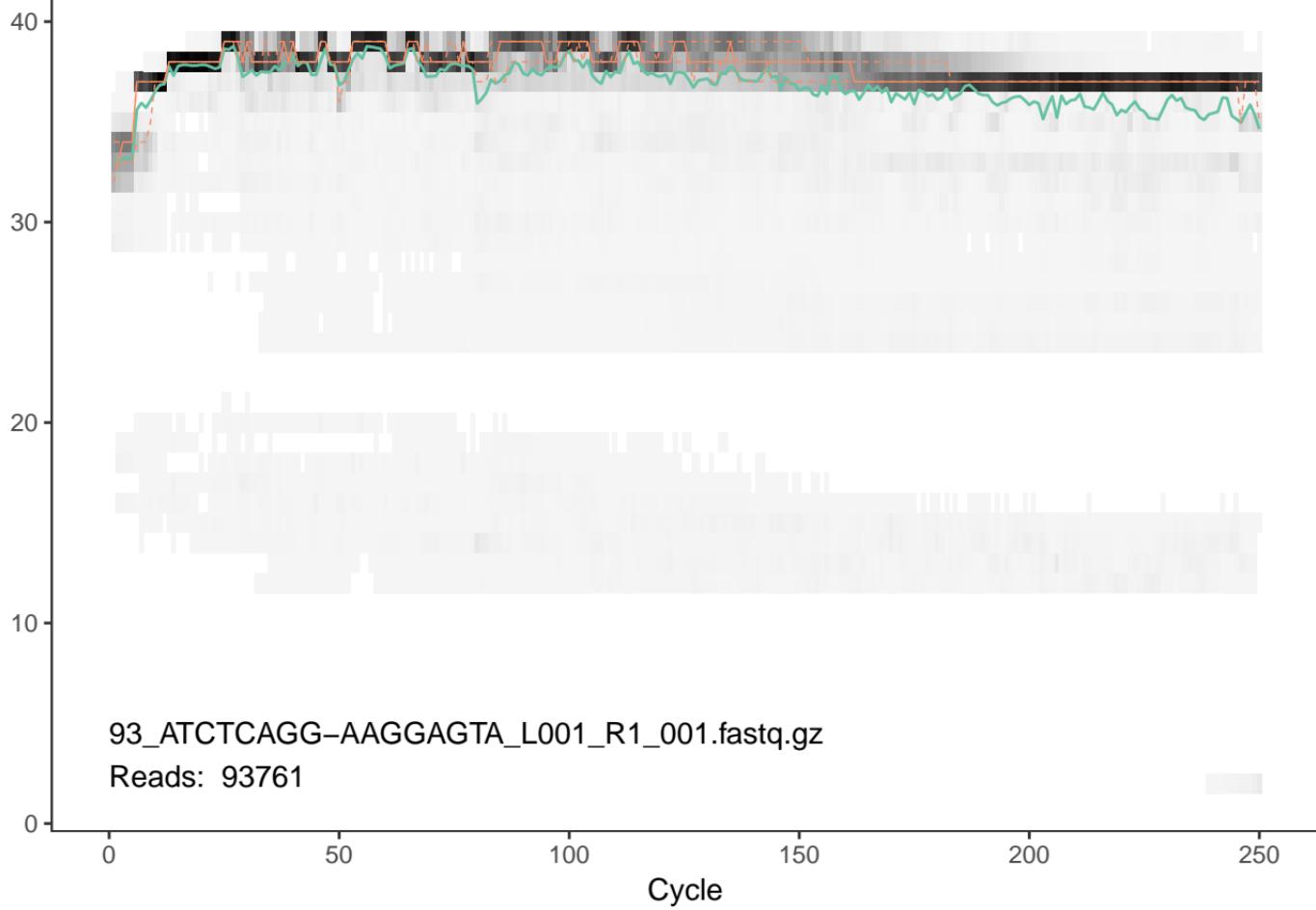
Fwd

Quality Score



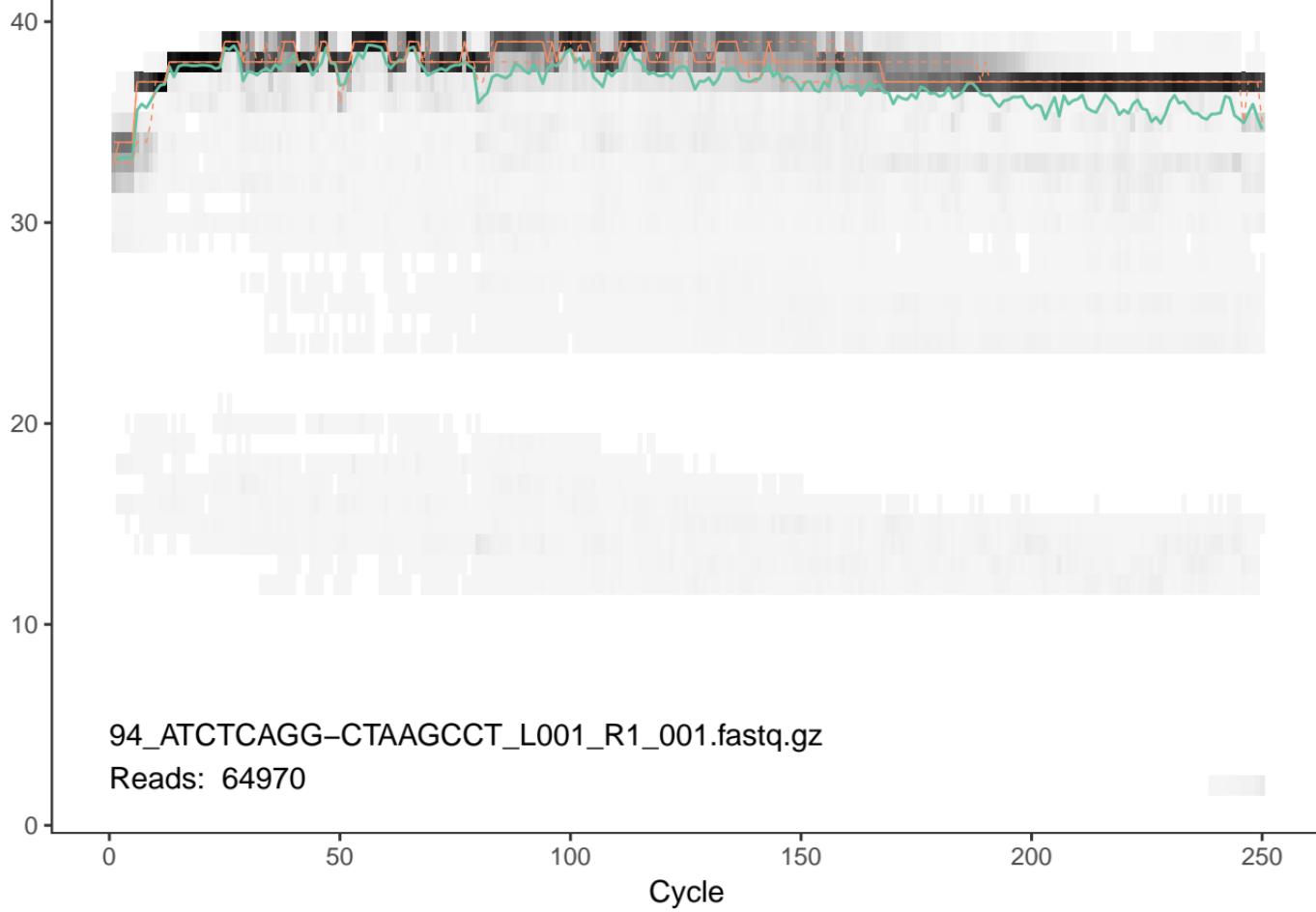
Fwd

Quality Score



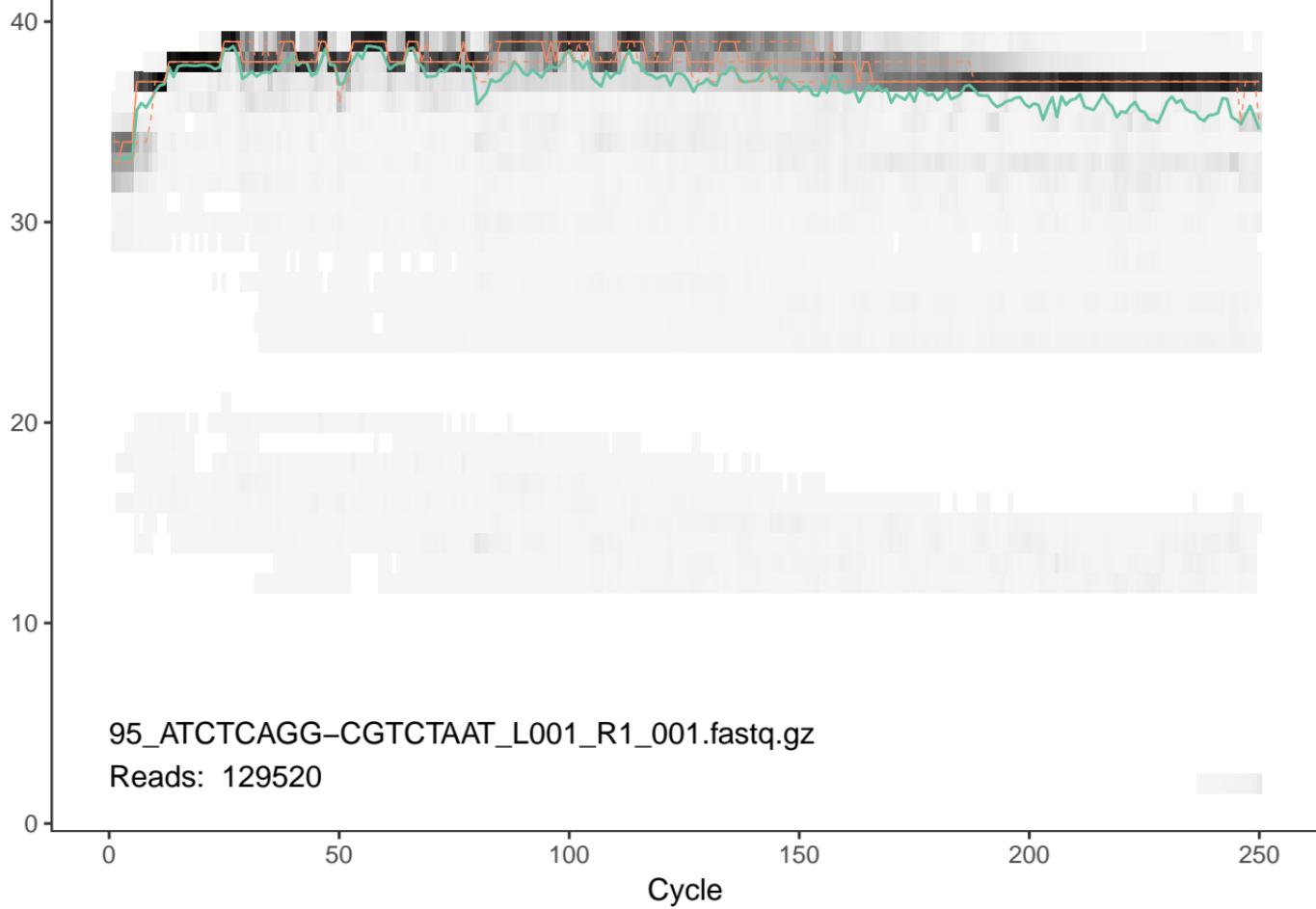
Fwd

Quality Score



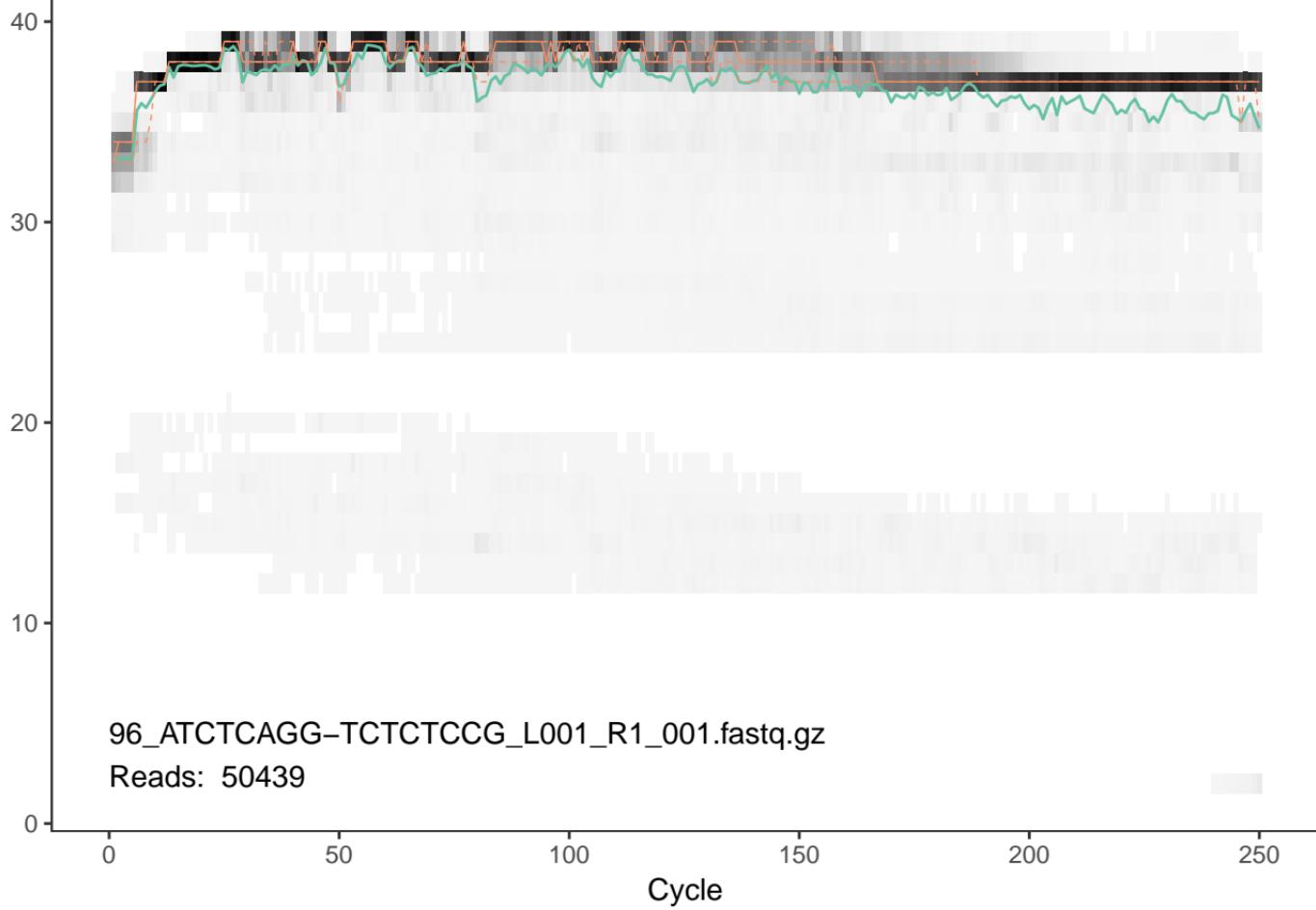
Fwd

Quality Score



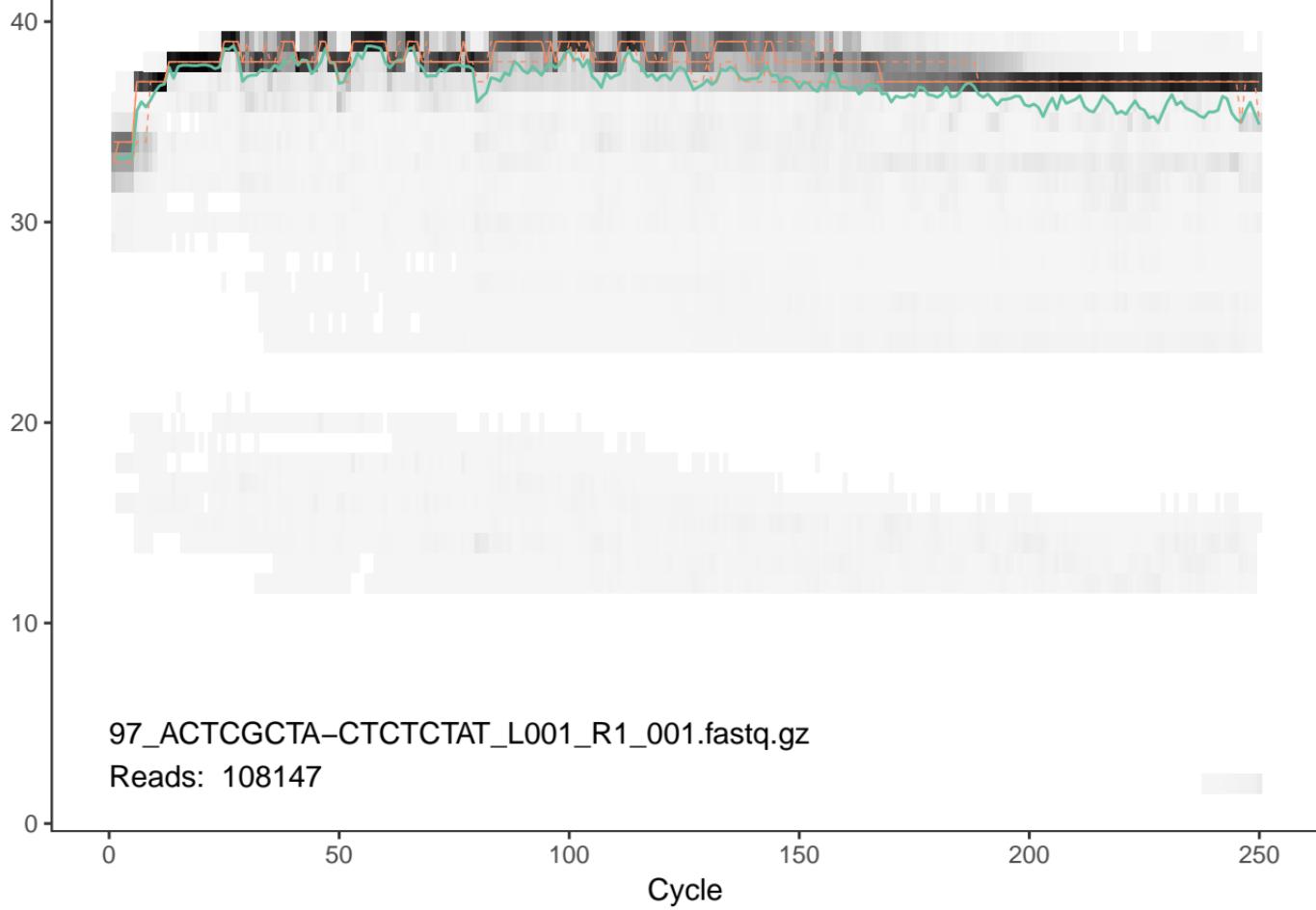
Fwd

Quality Score



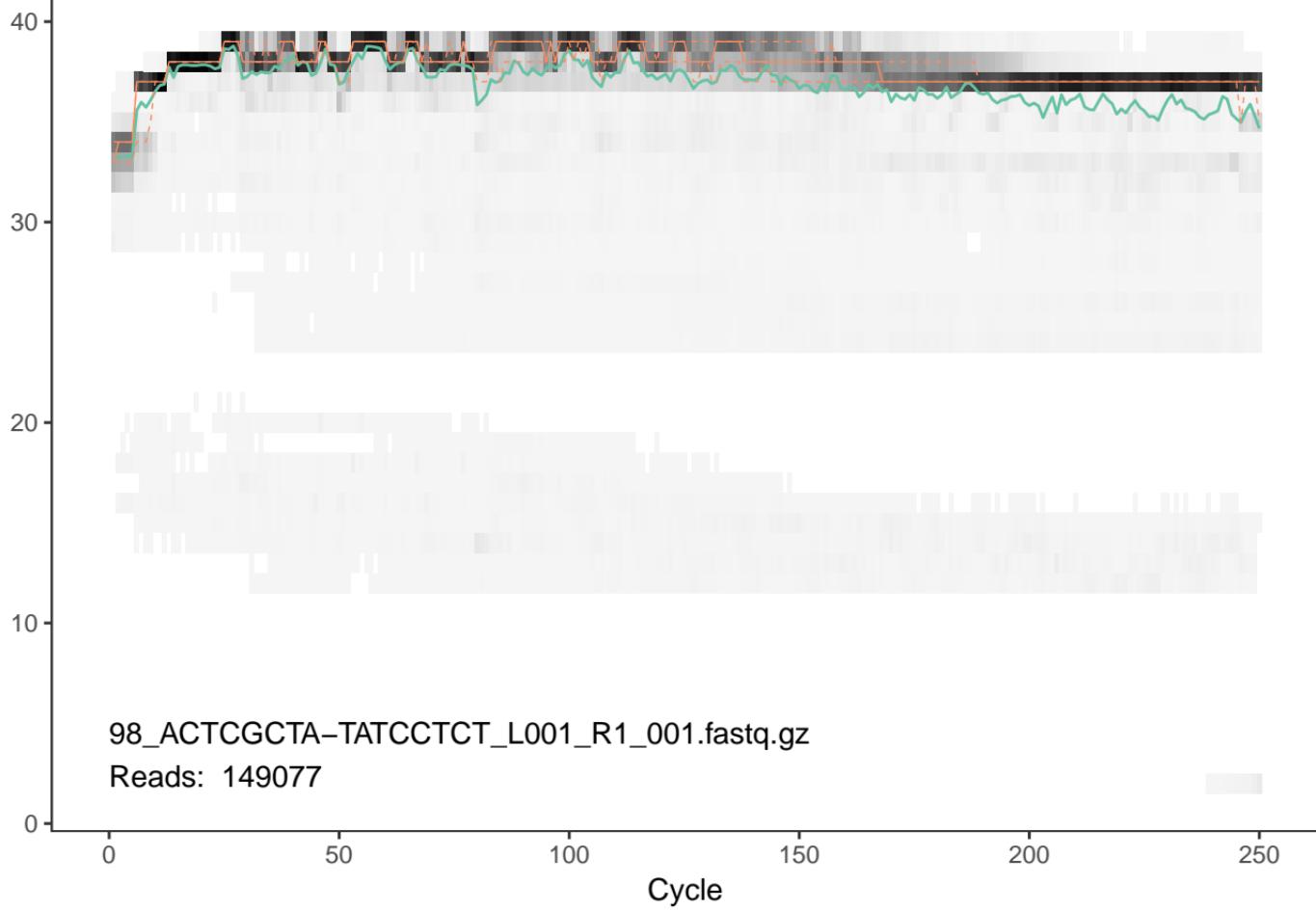
Fwd

Quality Score



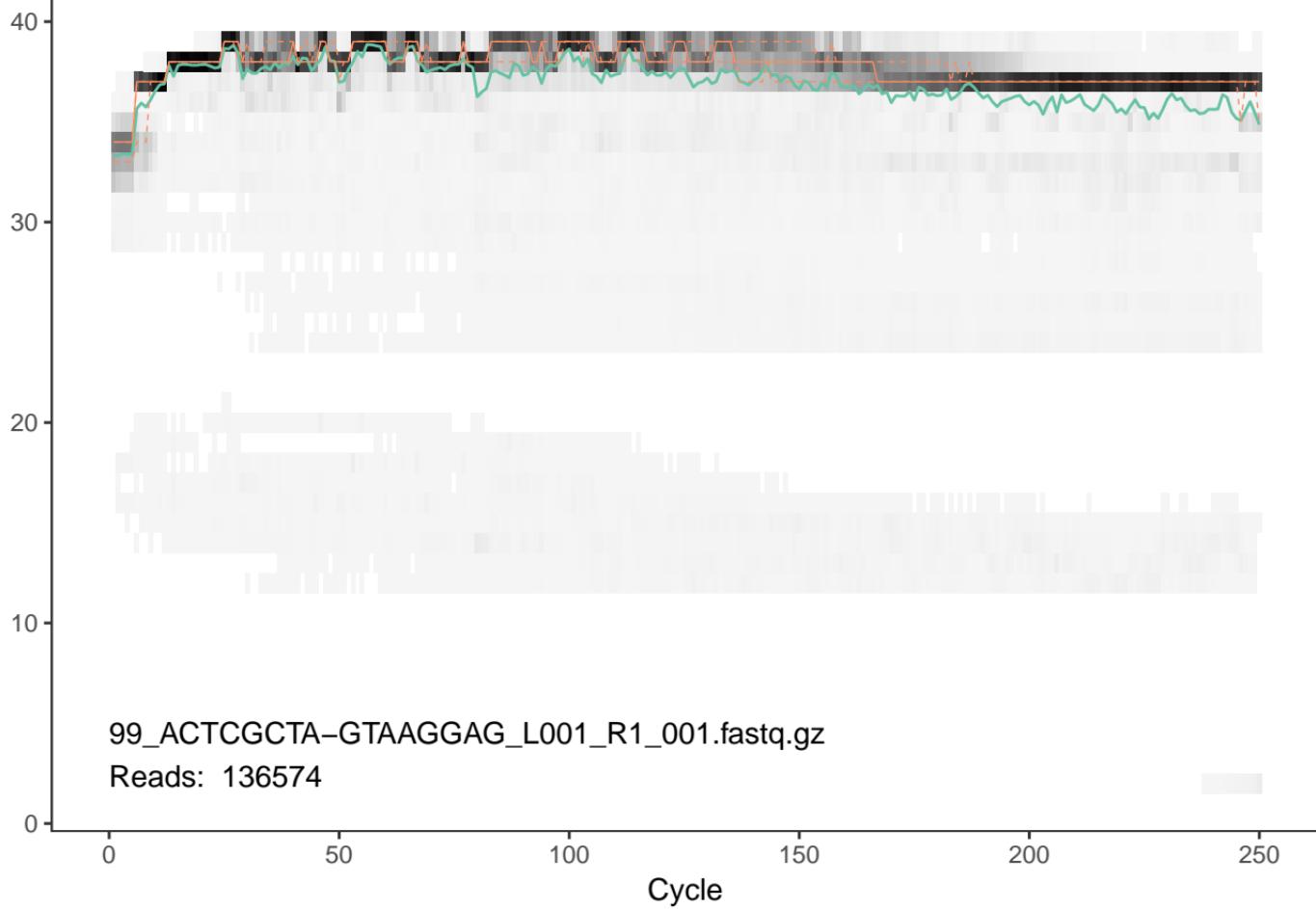
Fwd

Quality Score



Fwd

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

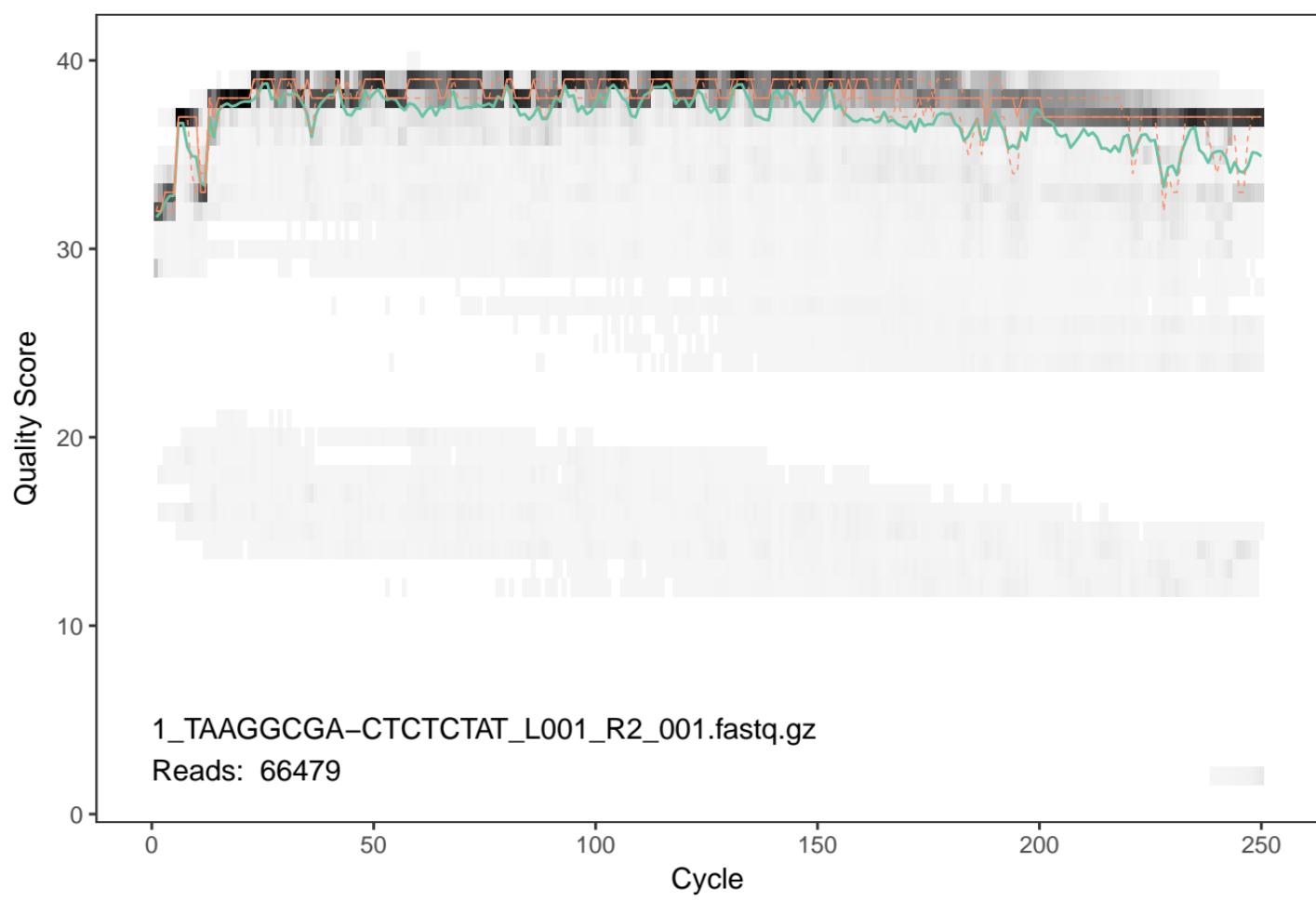
200

250

Cycle

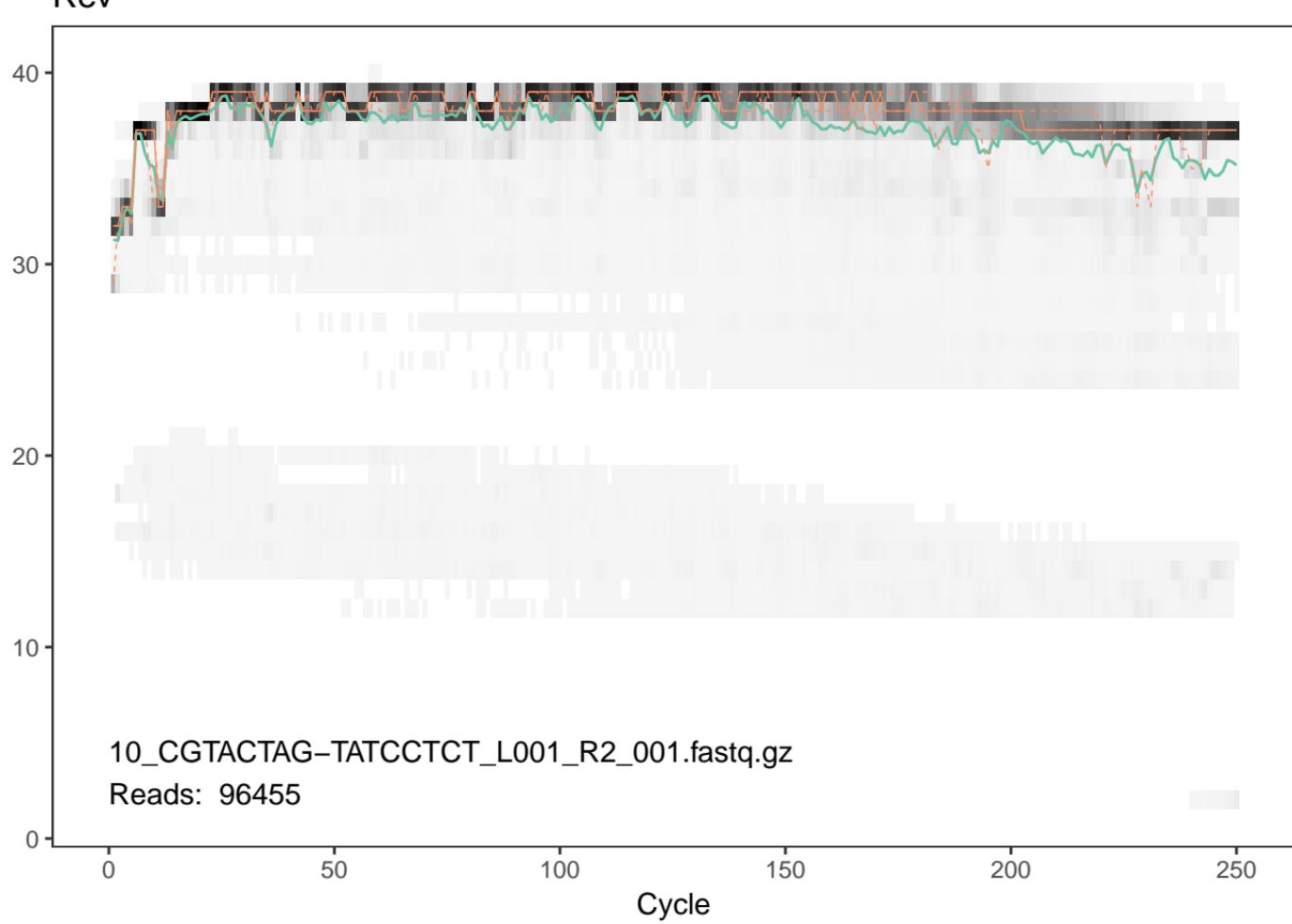
1_TAAGGCGA-CTCTCTAT_L001_R2_001.fastq.gz

Reads: 66479



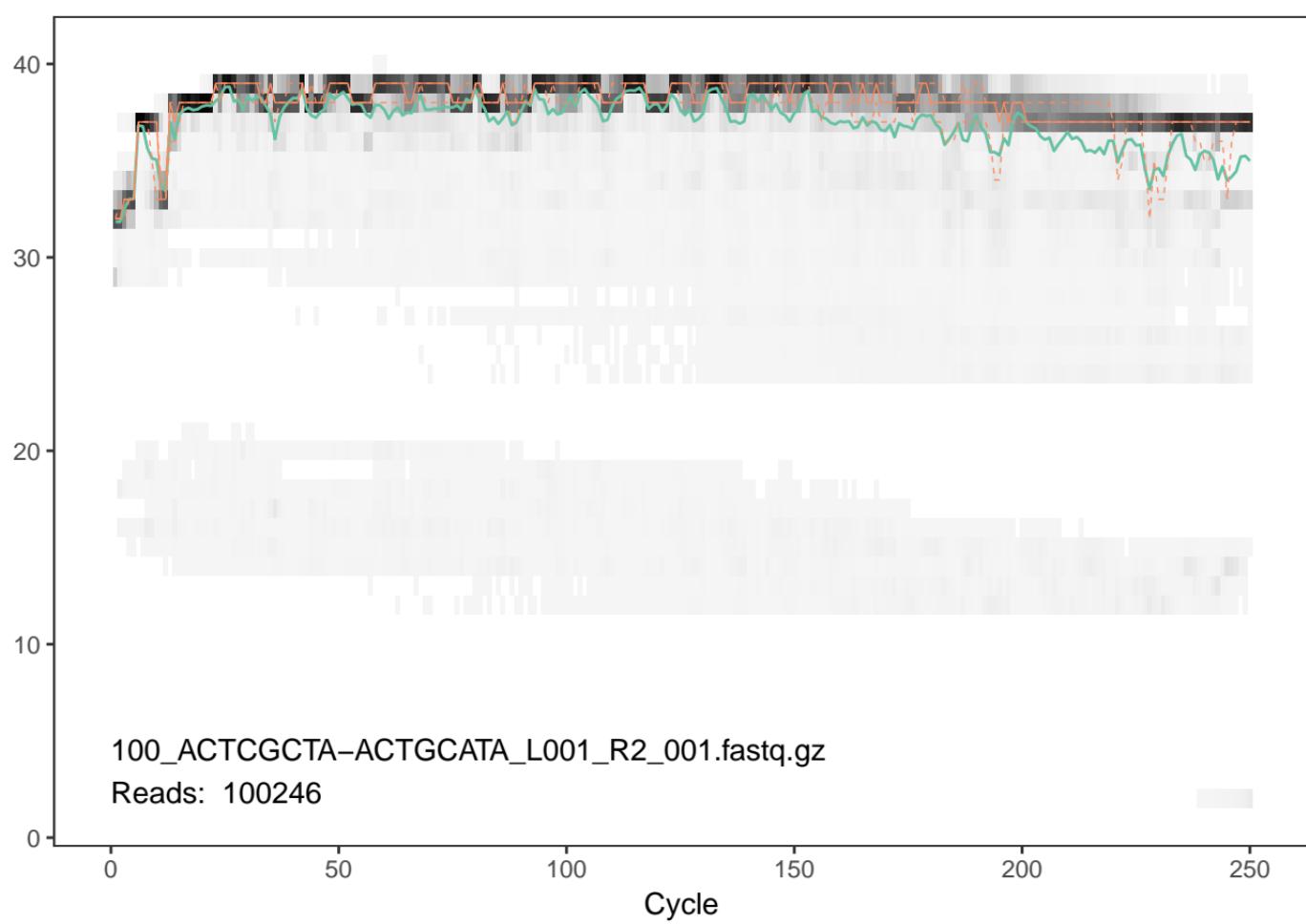
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

101_ACTCGCTA-AAGGAGTA_L001_R2_001.fastq.gz

Reads: 98378

0

50

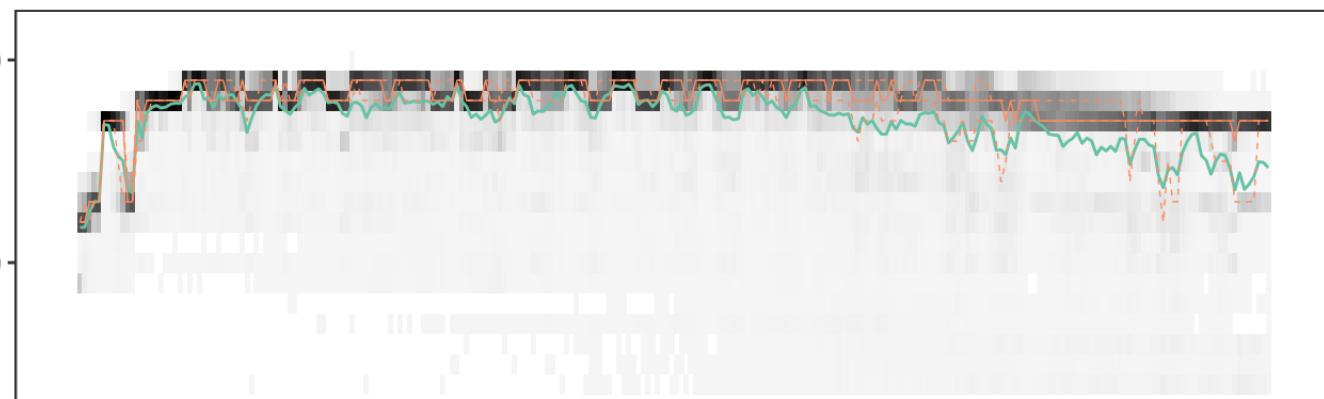
100

150

200

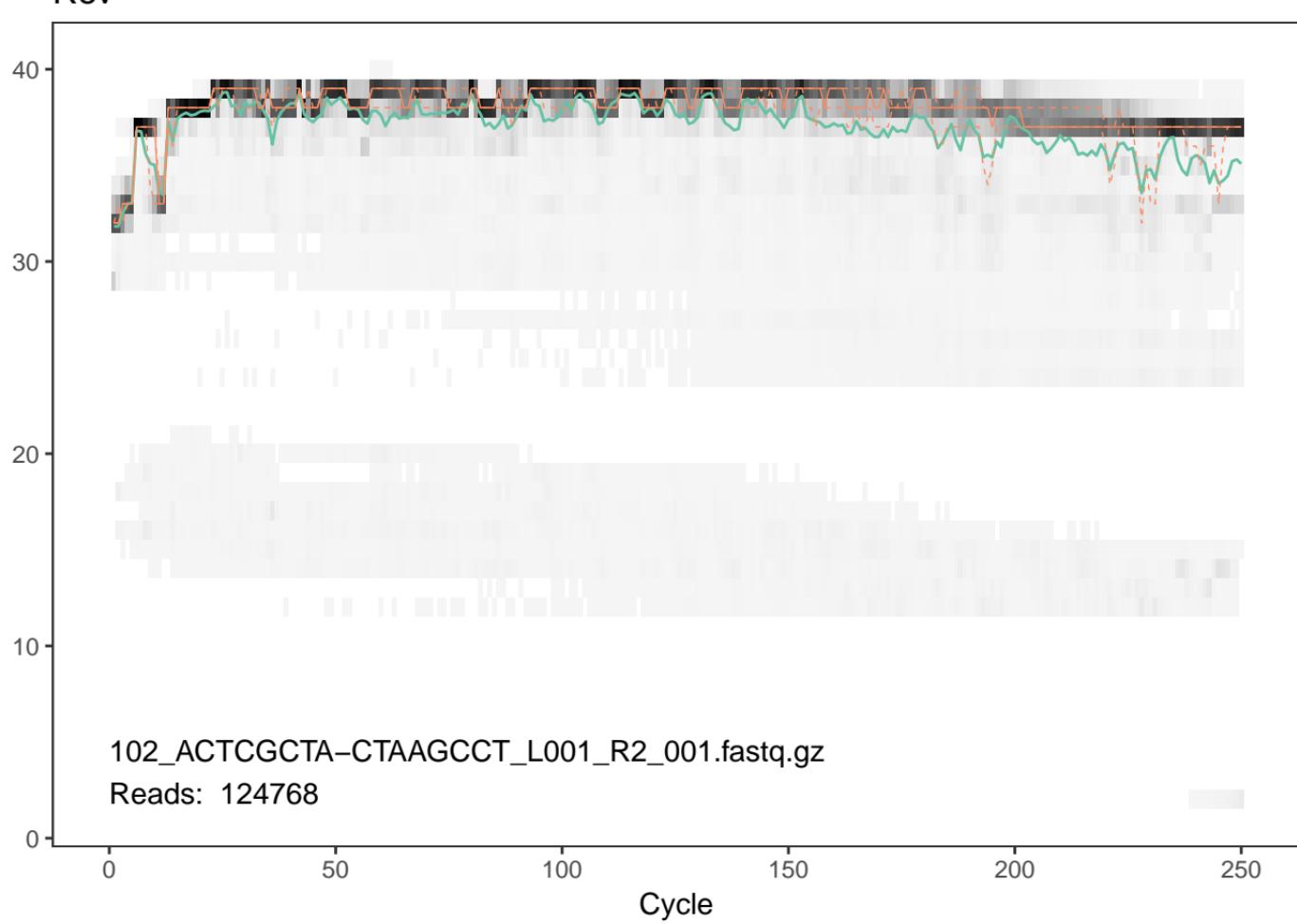
250

Cycle



Rev

Quality Score



Rev

Quality Score

40

30

20

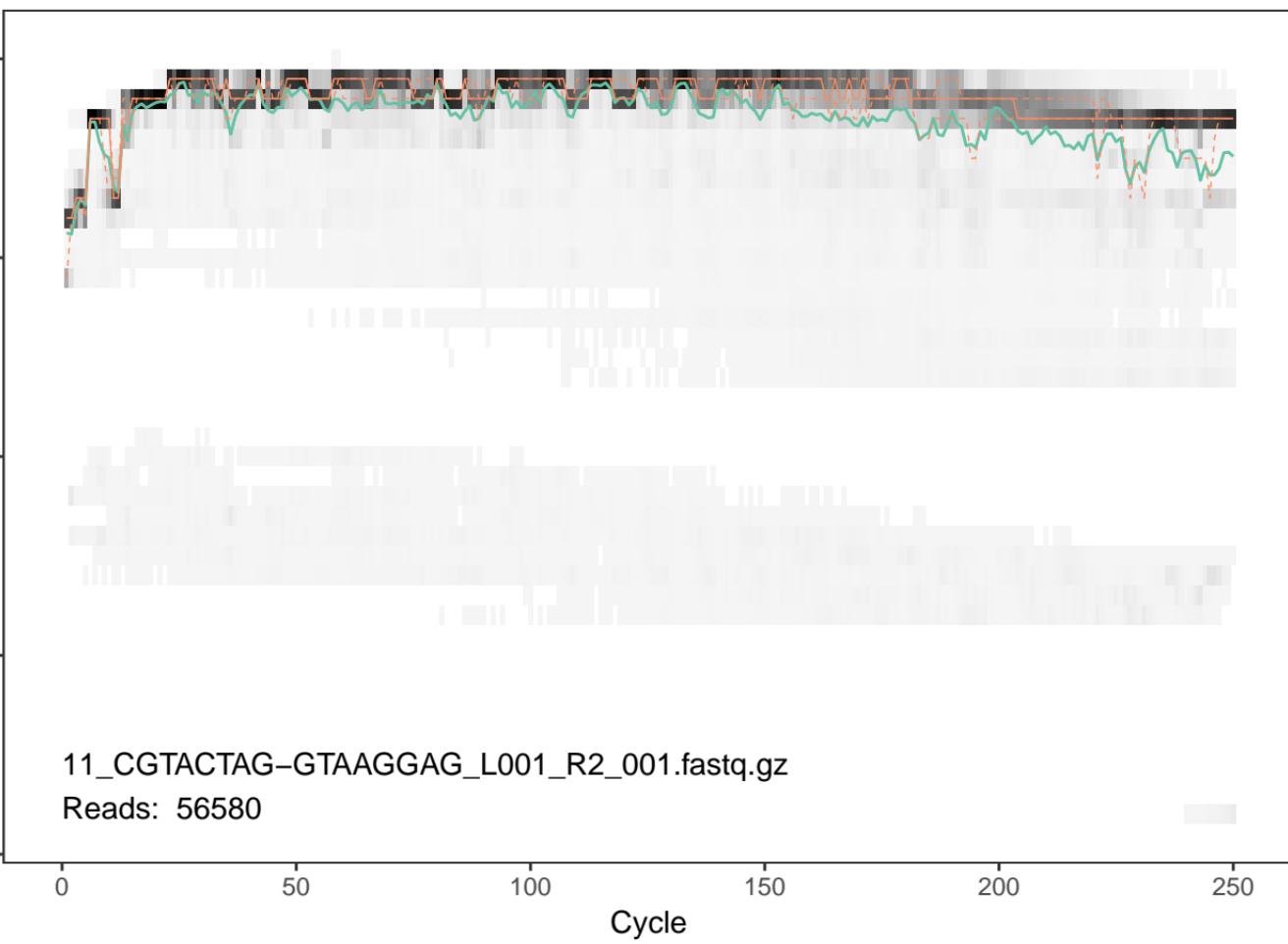
10

0

Cycle

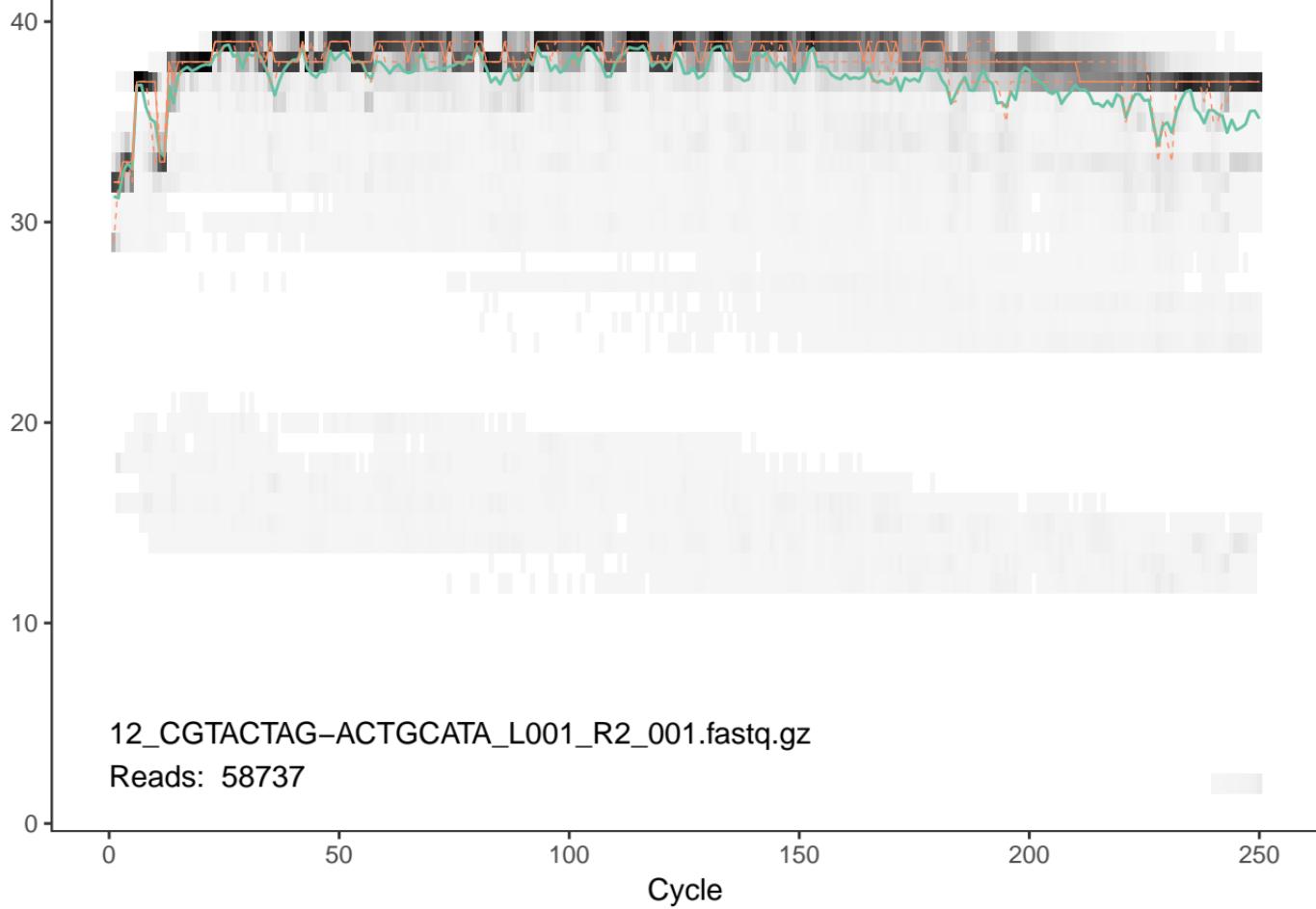
11_CGTACTAG-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 56580



Rev

Quality Score



Rev

Quality Score

40

30

20

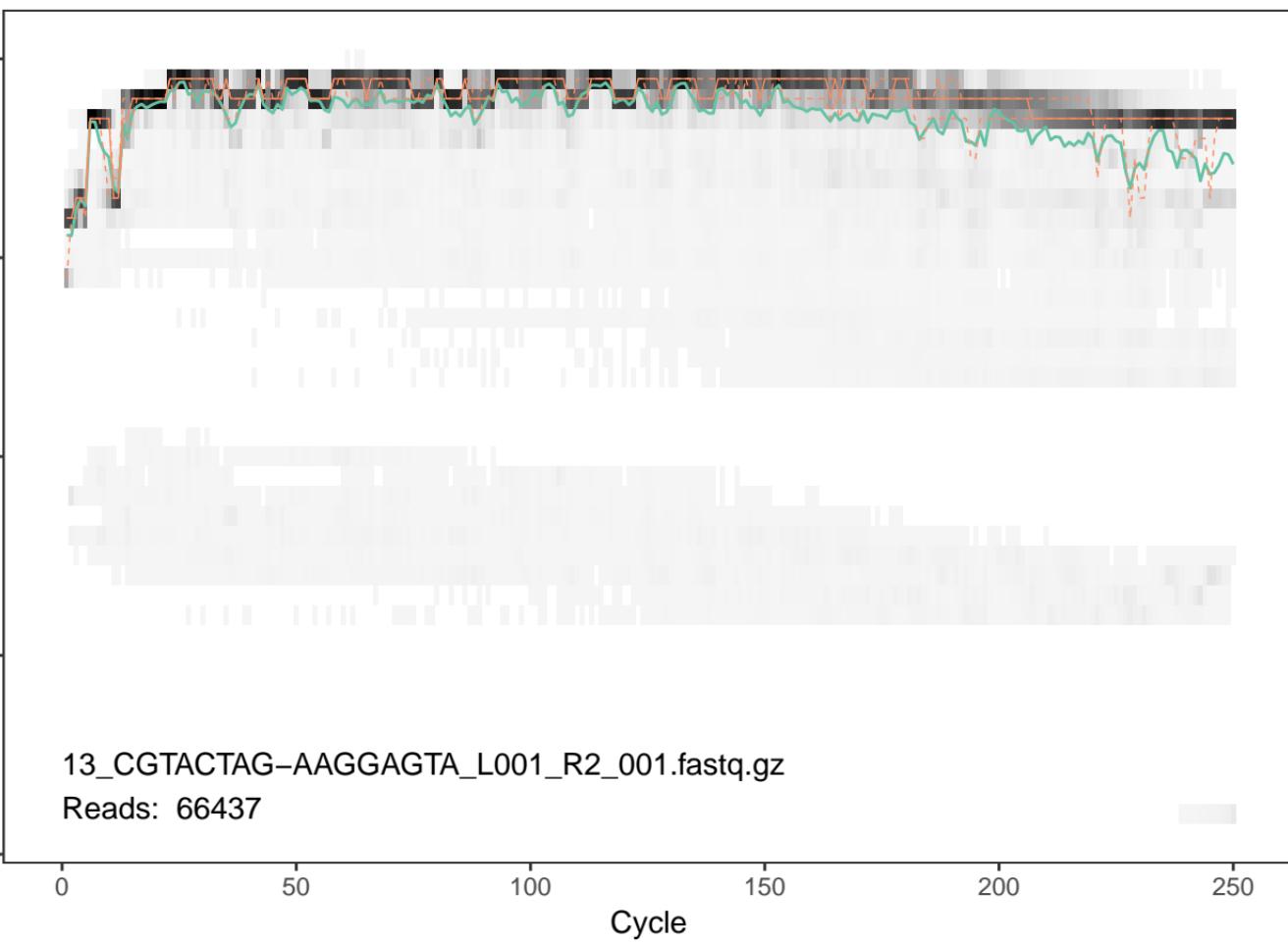
10

0

Cycle

13_CGTACTAG-AAGGAGTA_L001_R2_001.fastq.gz

Reads: 66437



Rev

Quality Score

40

30

20

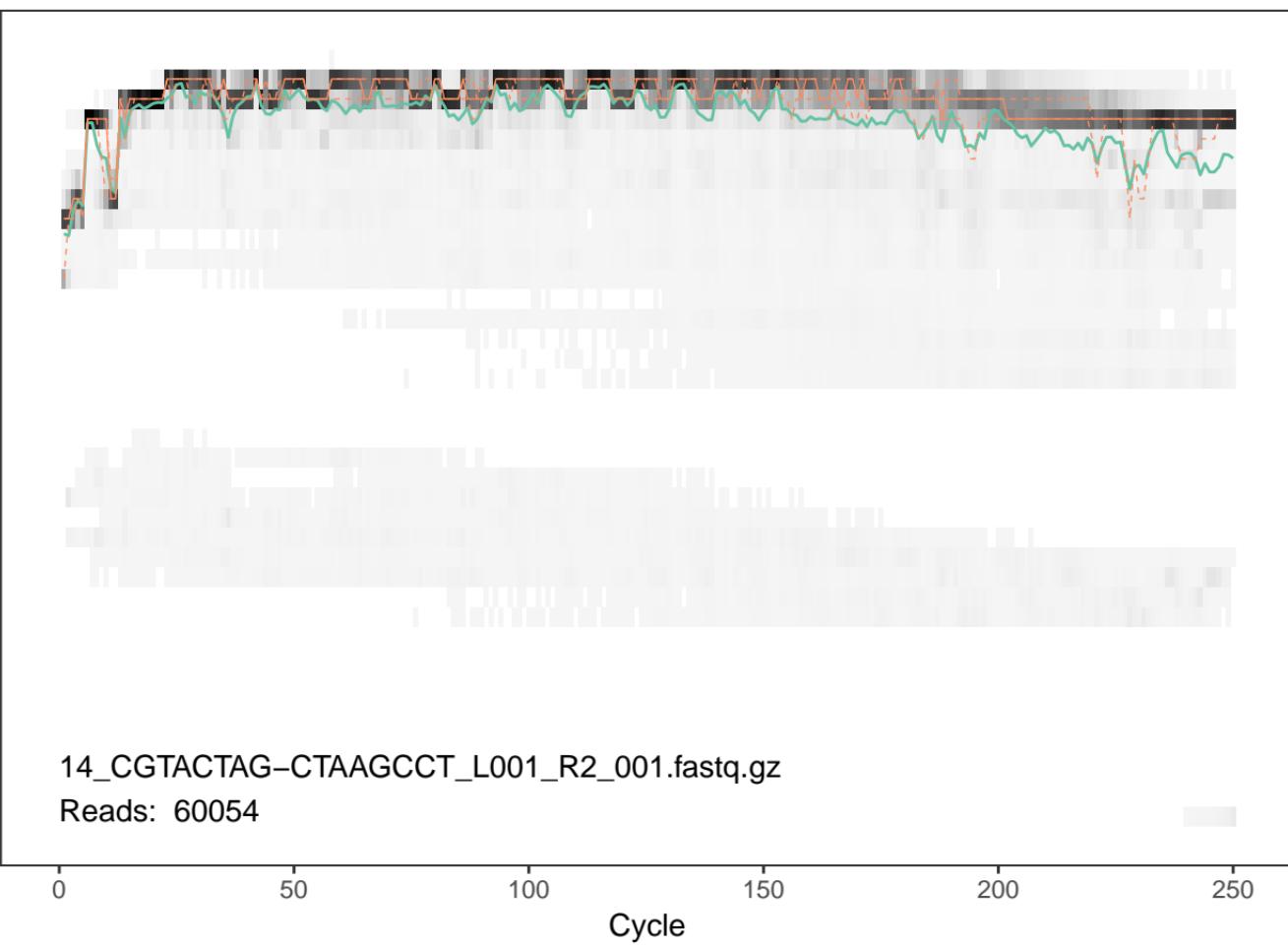
10

0

Cycle

14_CGTACTAG-CTAAGCCT_L001_R2_001.fastq.gz

Reads: 60054



Rev

Quality Score

40

30

20

10

0

50

100

150

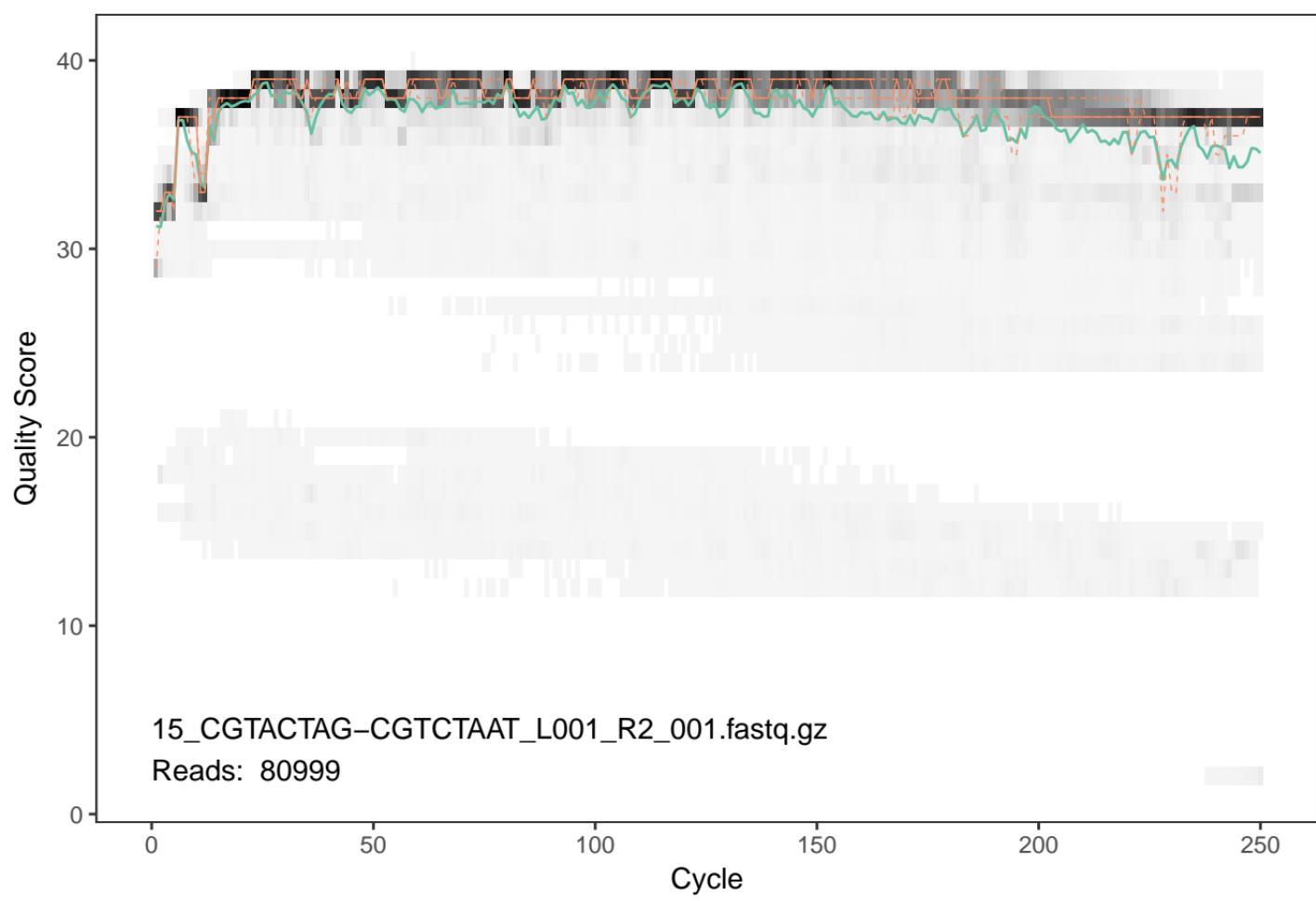
200

250

Cycle

15_CGTACTAG-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 80999



Rev

Quality Score

40

30

20

10

0

50

100

150

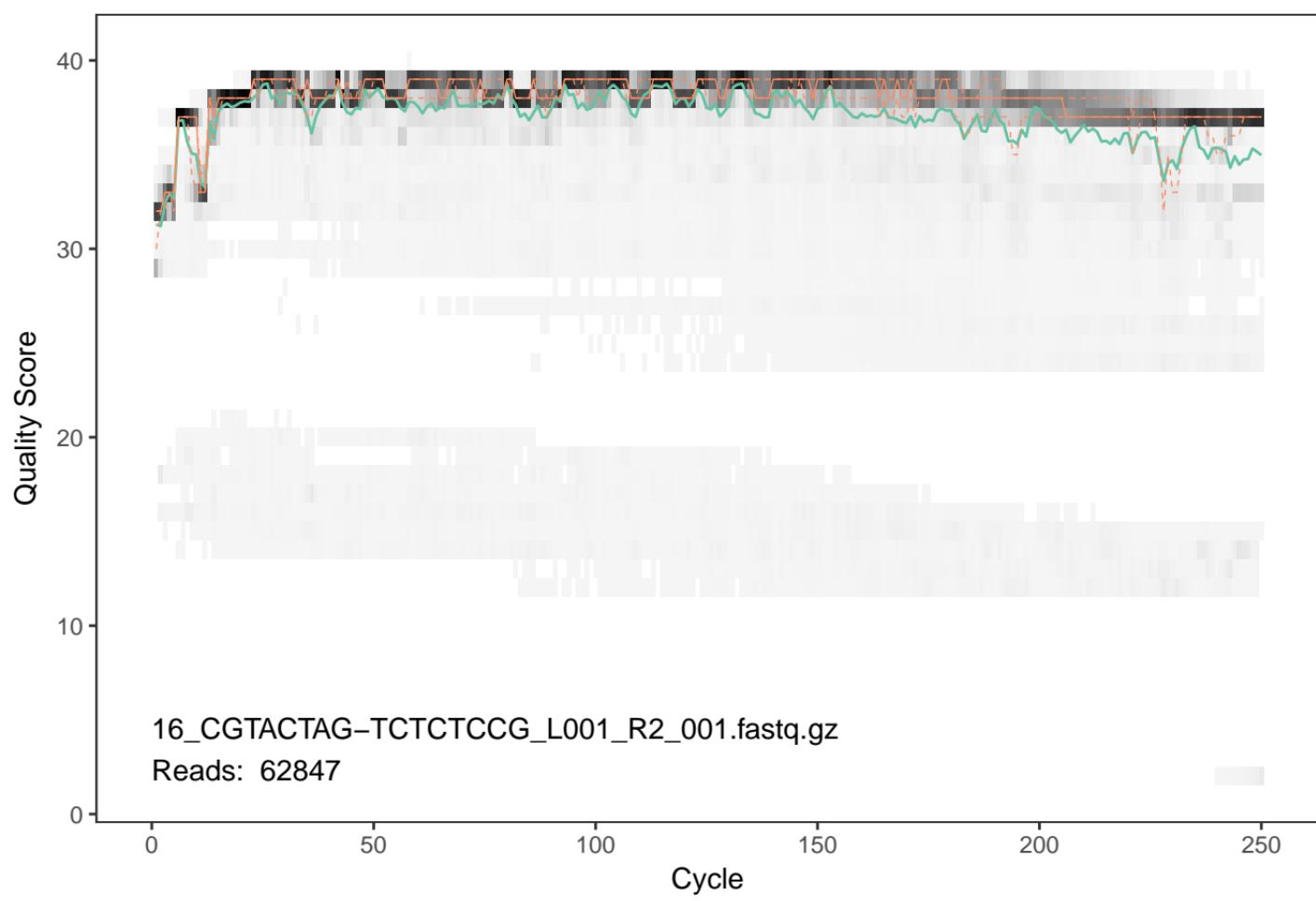
200

250

Cycle

16_CGTACTAG-TCTCTCCG_L001_R2_001.fastq.gz

Reads: 62847



Rev

Quality Score

40

30

20

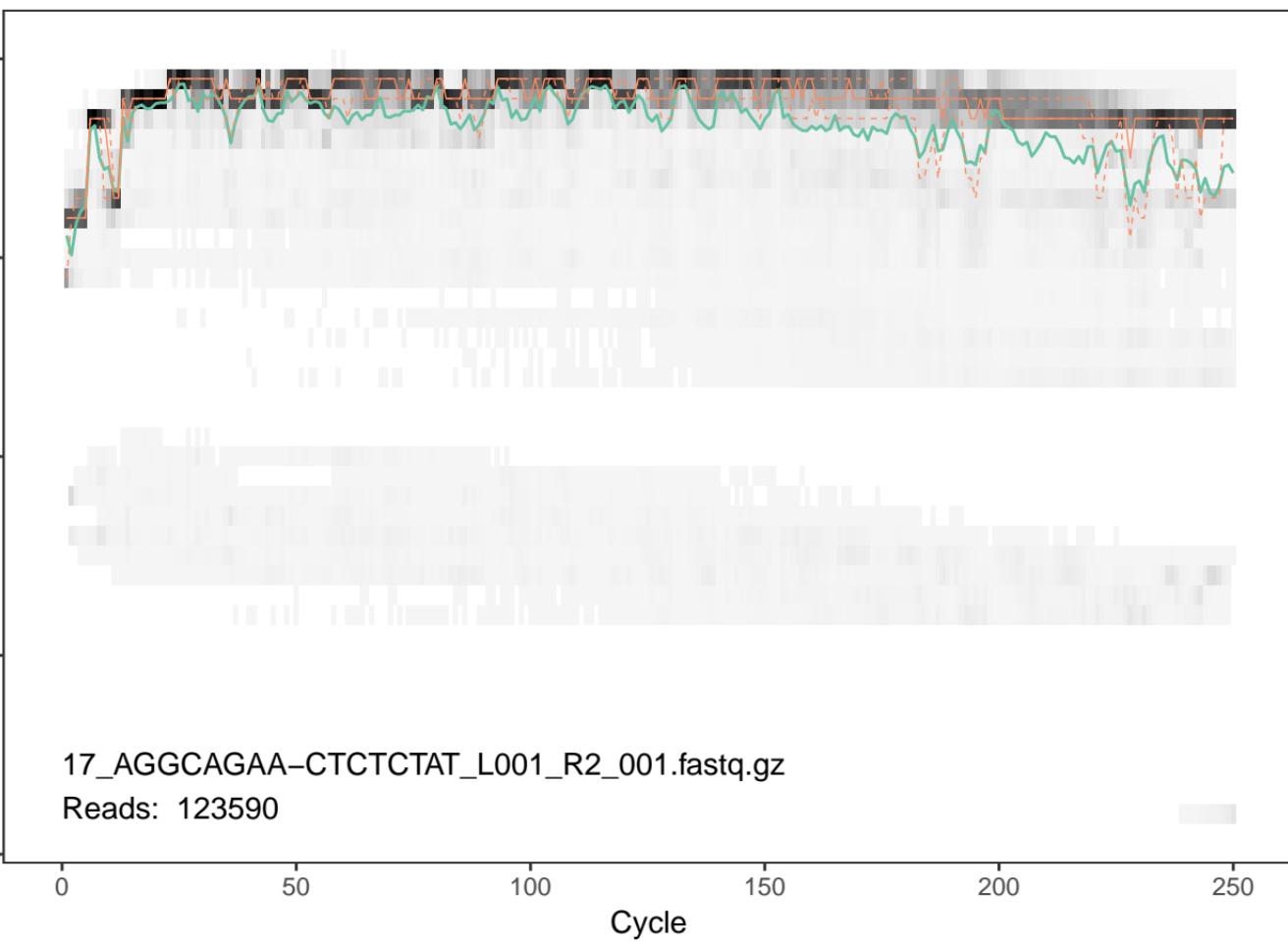
10

0

Cycle

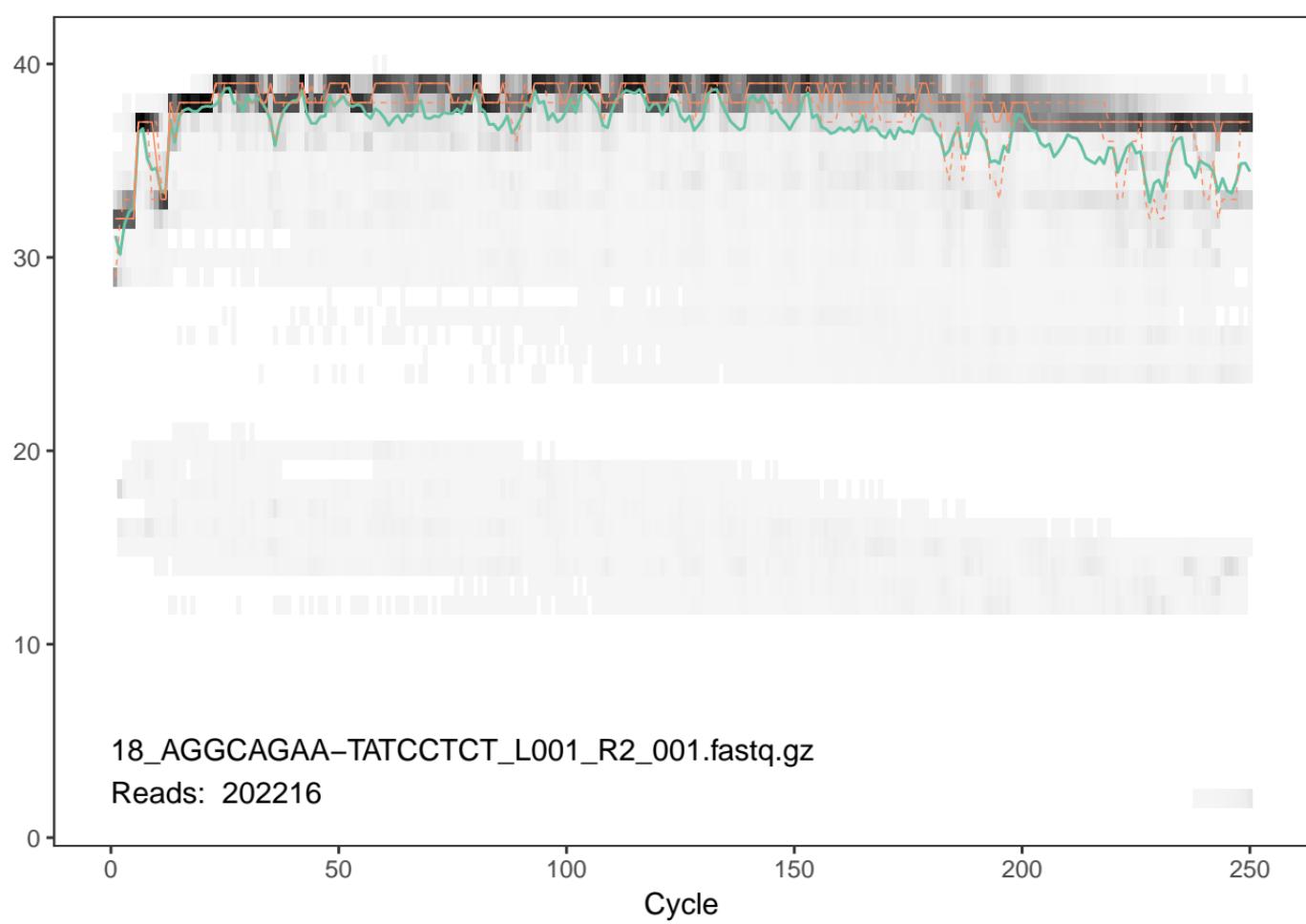
17_AGGCAGAA-CTCTCTAT_L001_R2_001.fastq.gz

Reads: 123590



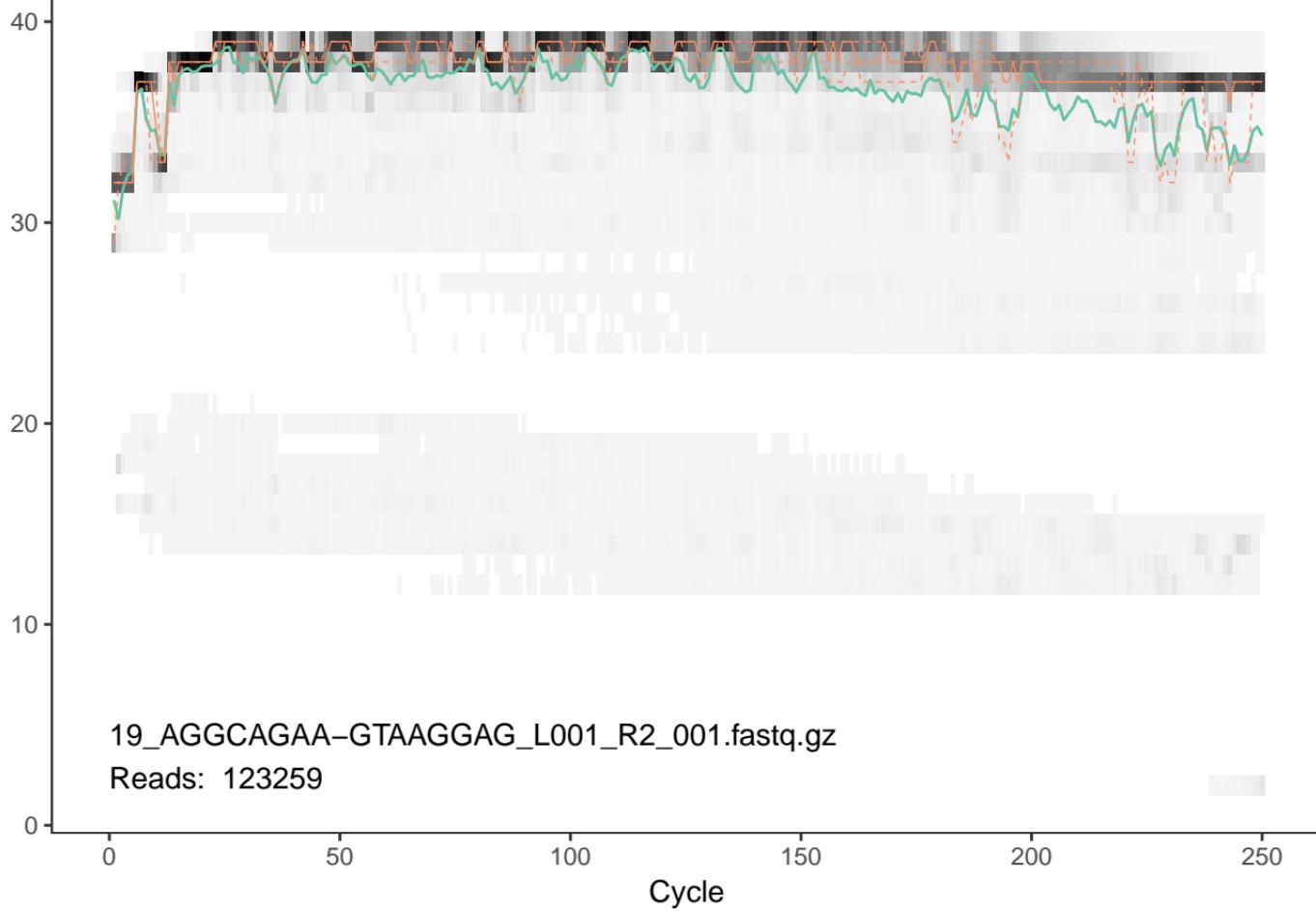
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

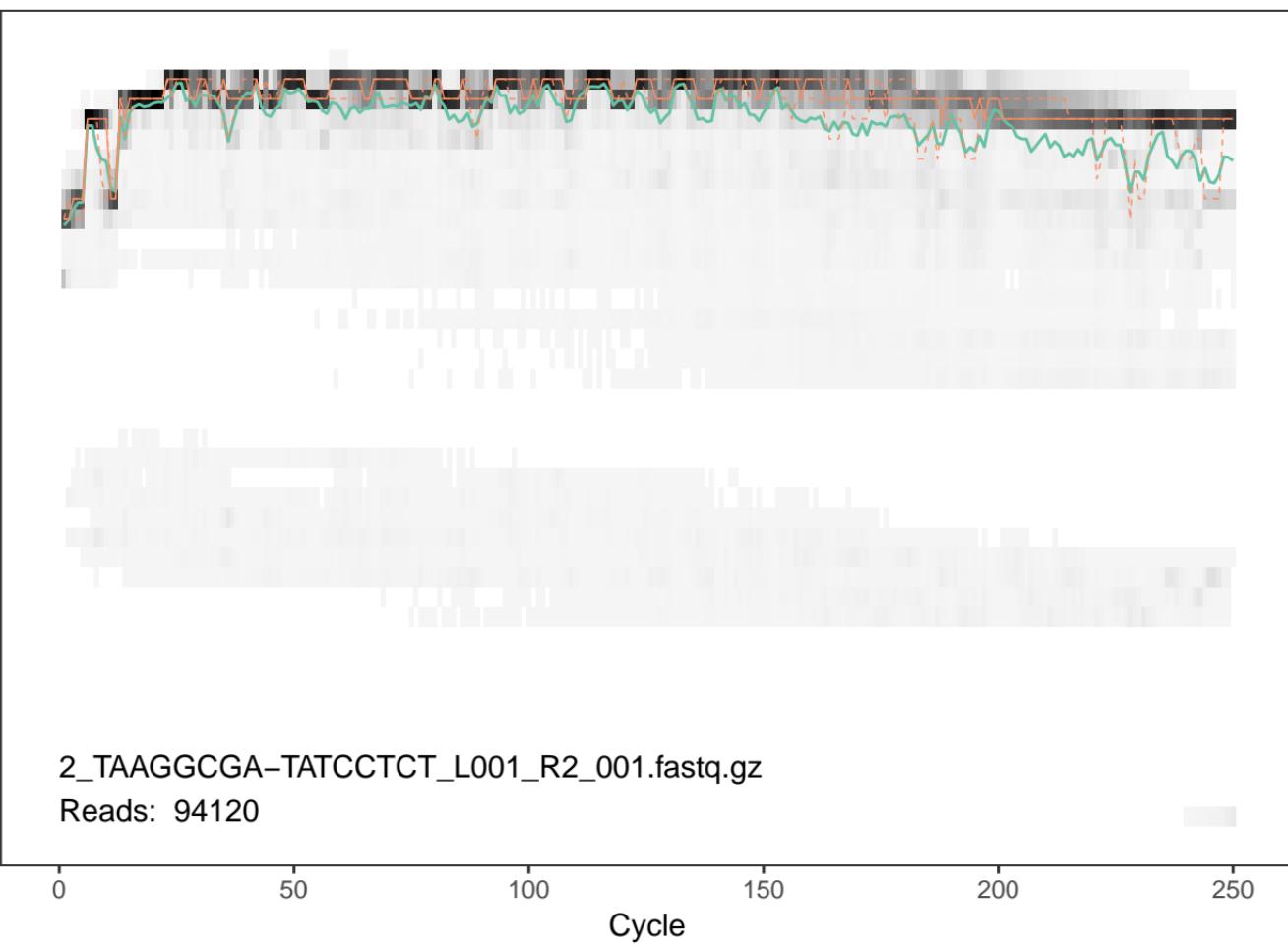
10

0

Cycle

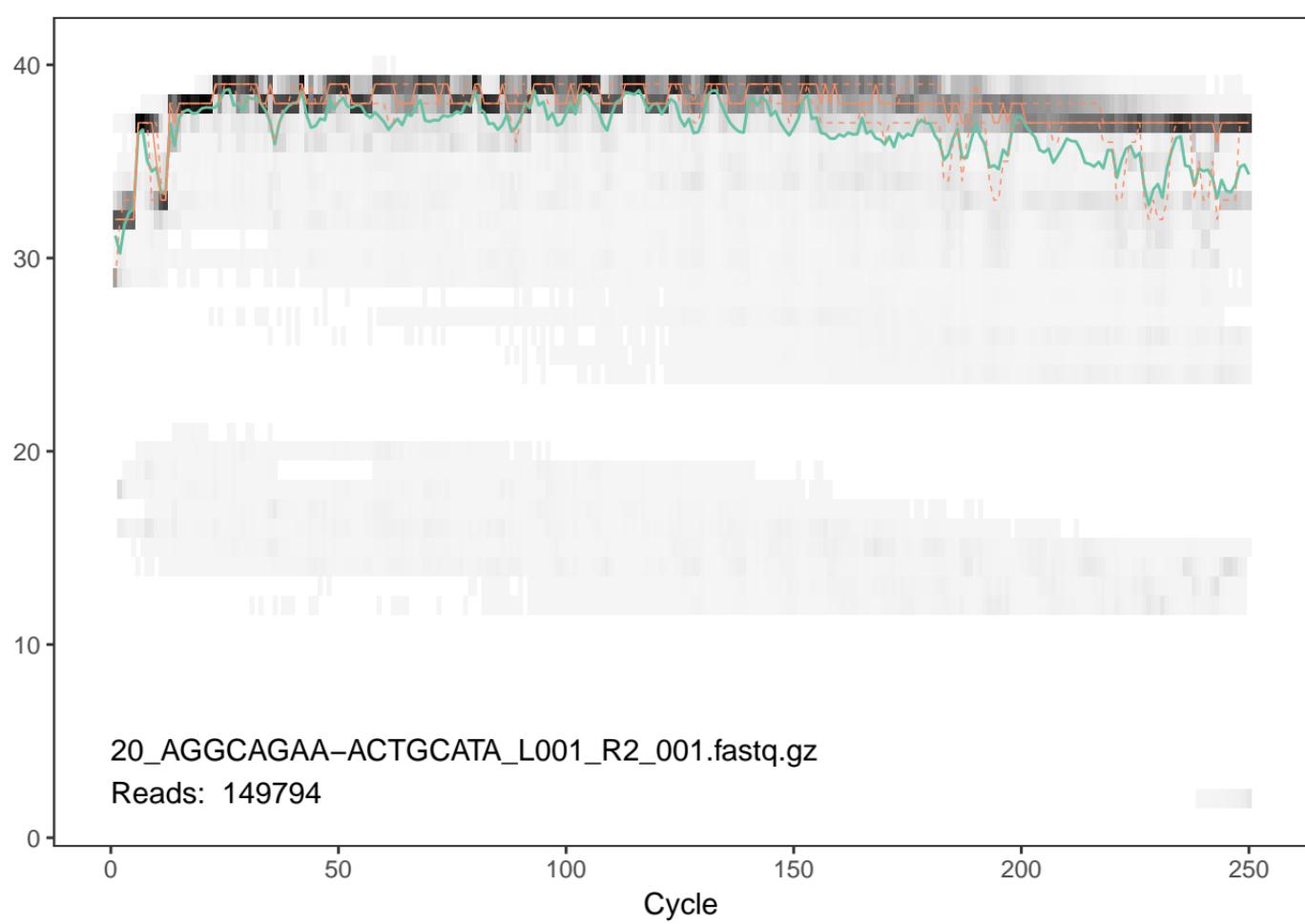
2_TAAGGCGA-TATCCTCT_L001_R2_001.fastq.gz

Reads: 94120



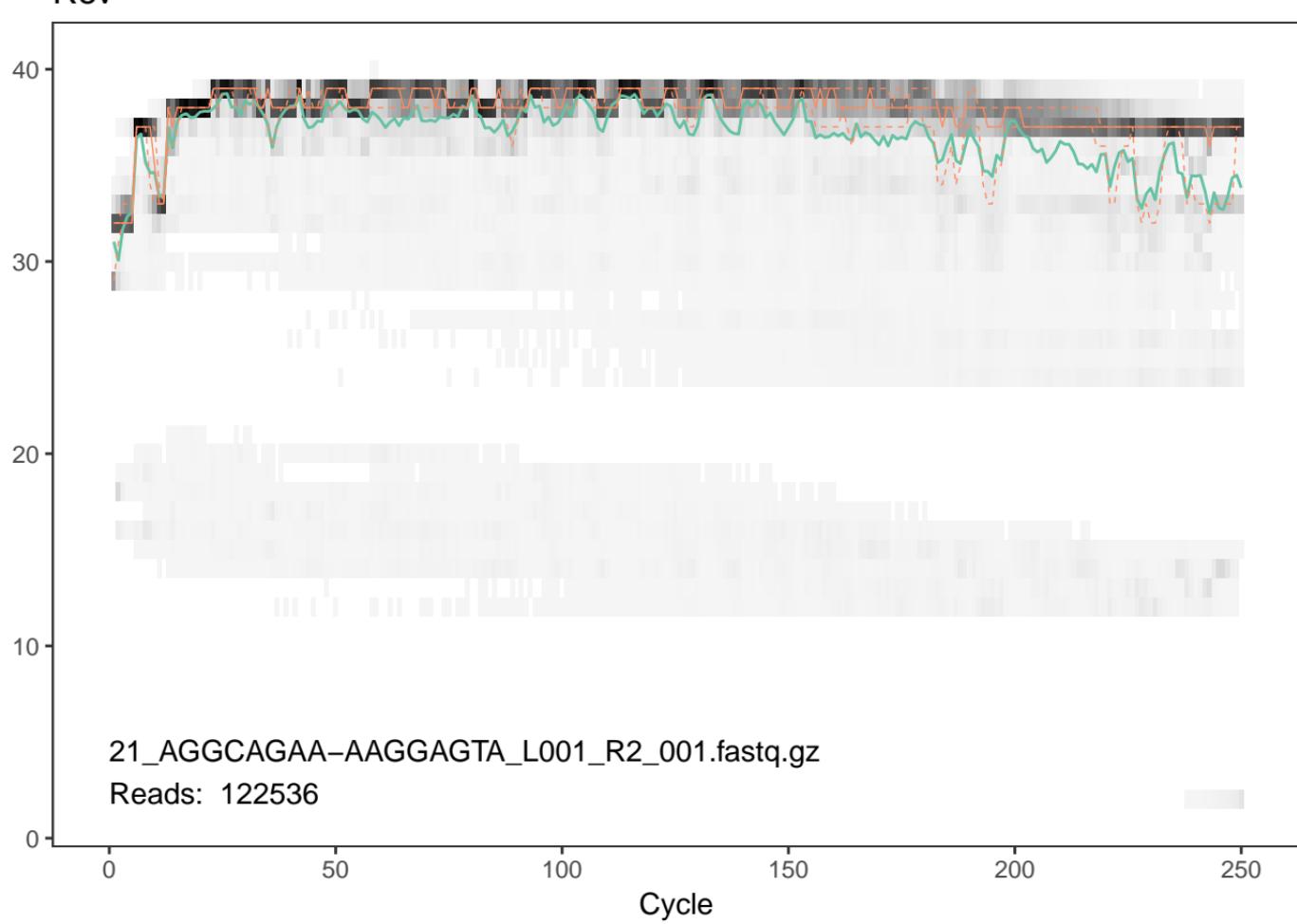
Rev

Quality Score



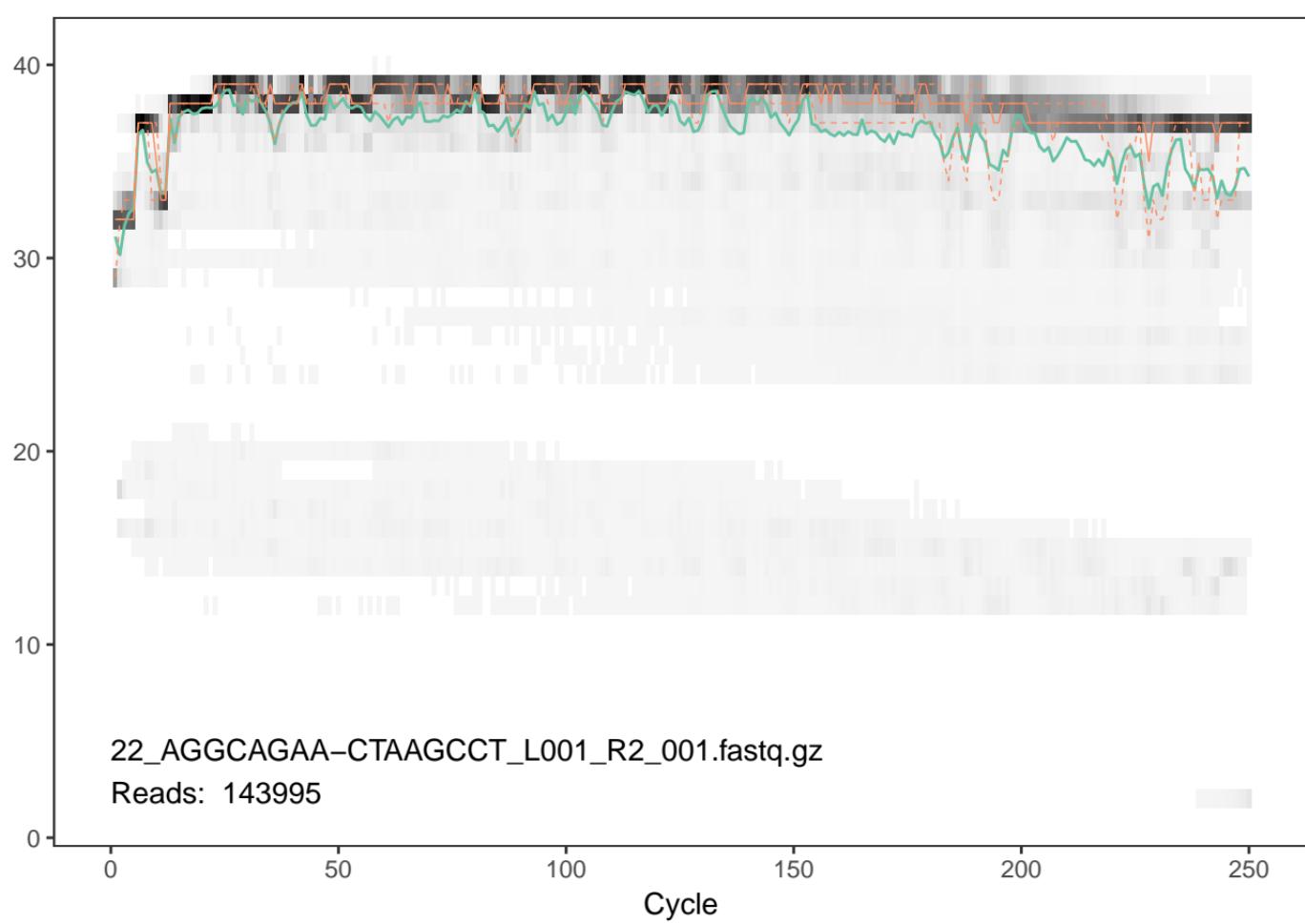
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

23_AGGCAGAA-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 122231

0

50

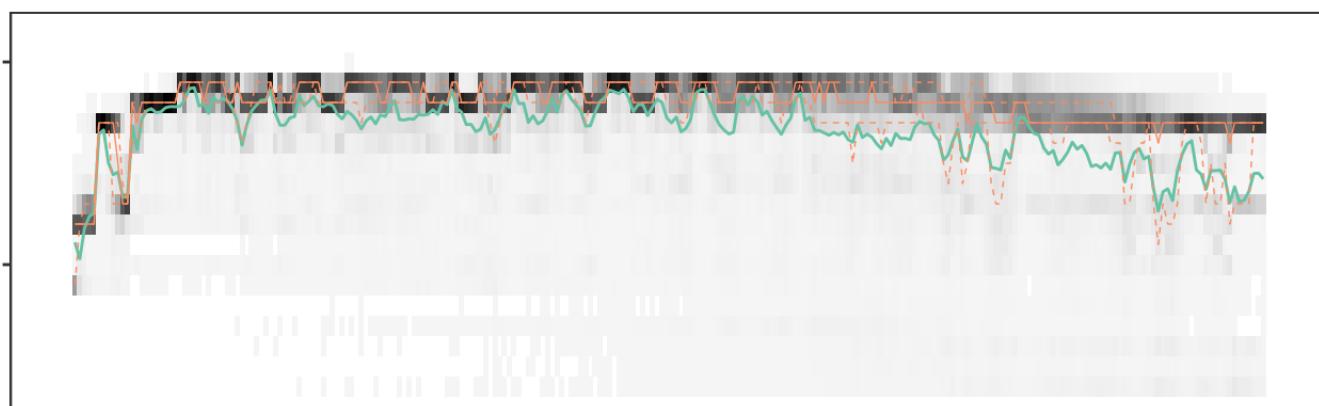
100

150

200

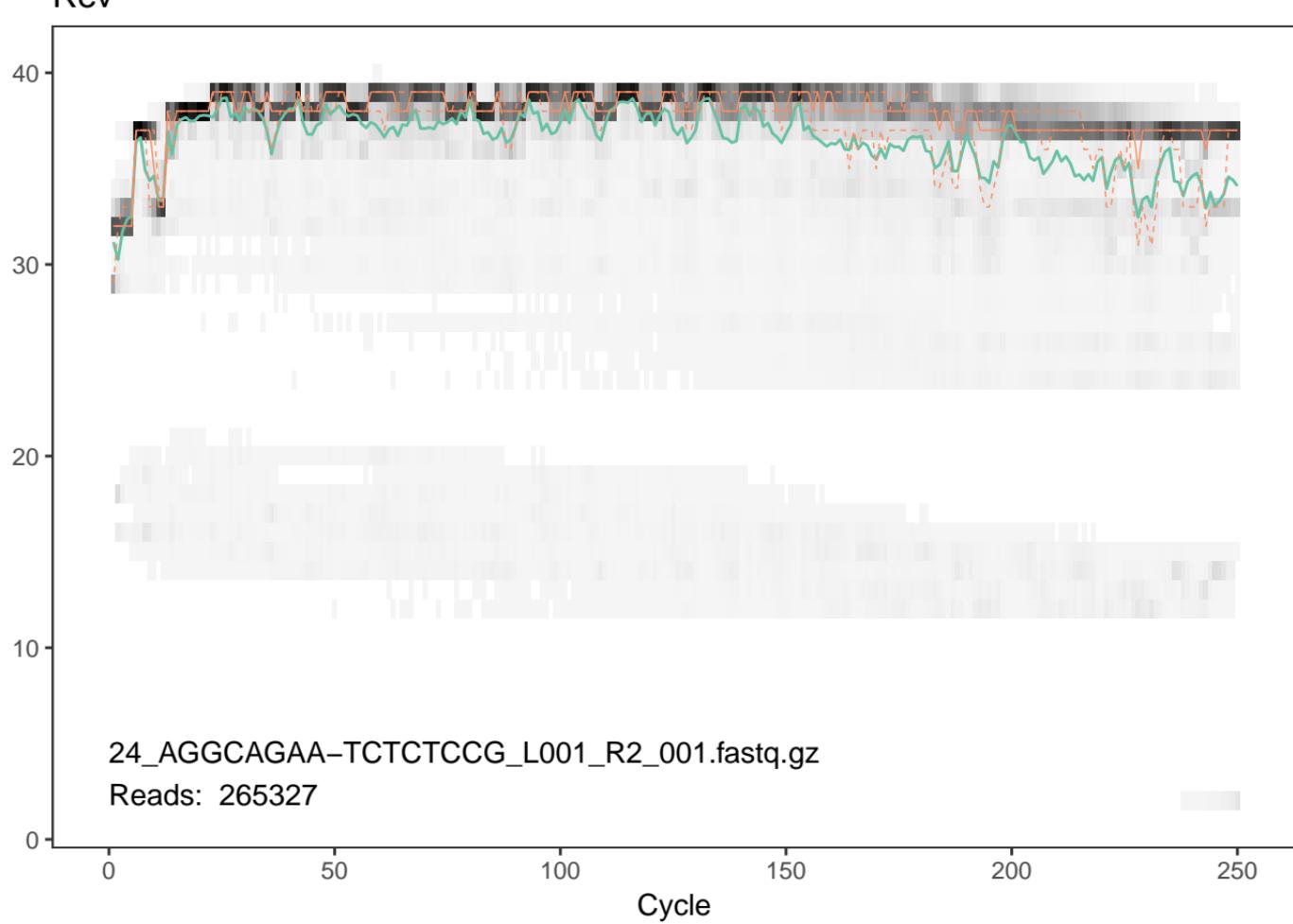
250

Cycle



Rev

Quality Score



Rev

Quality Score

40

30

20

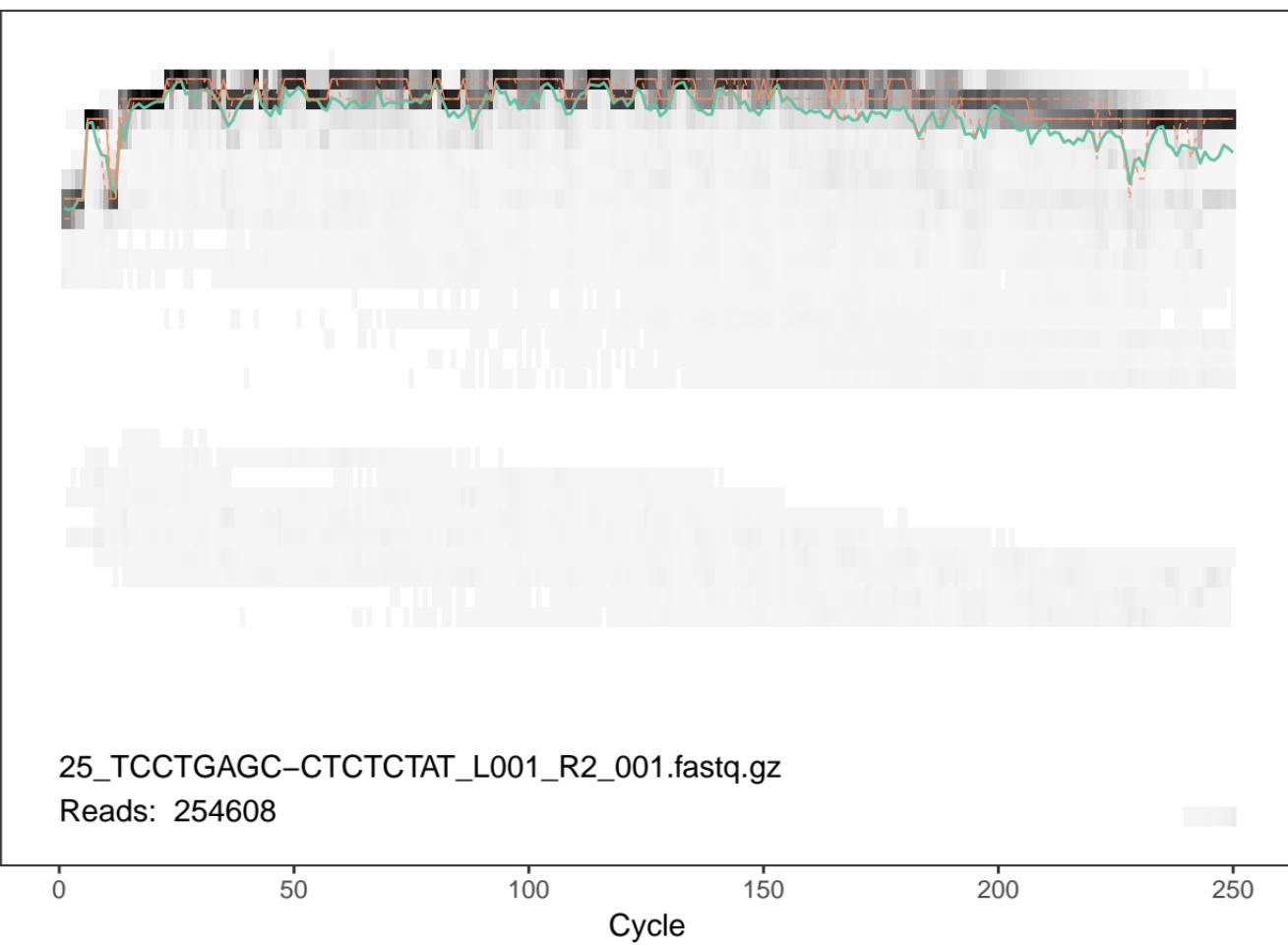
10

0

Cycle

25_TCCTGAGC-CTCTCTAT_L001_R2_001.fastq.gz

Reads: 254608



Rev

Quality Score

40

30

20

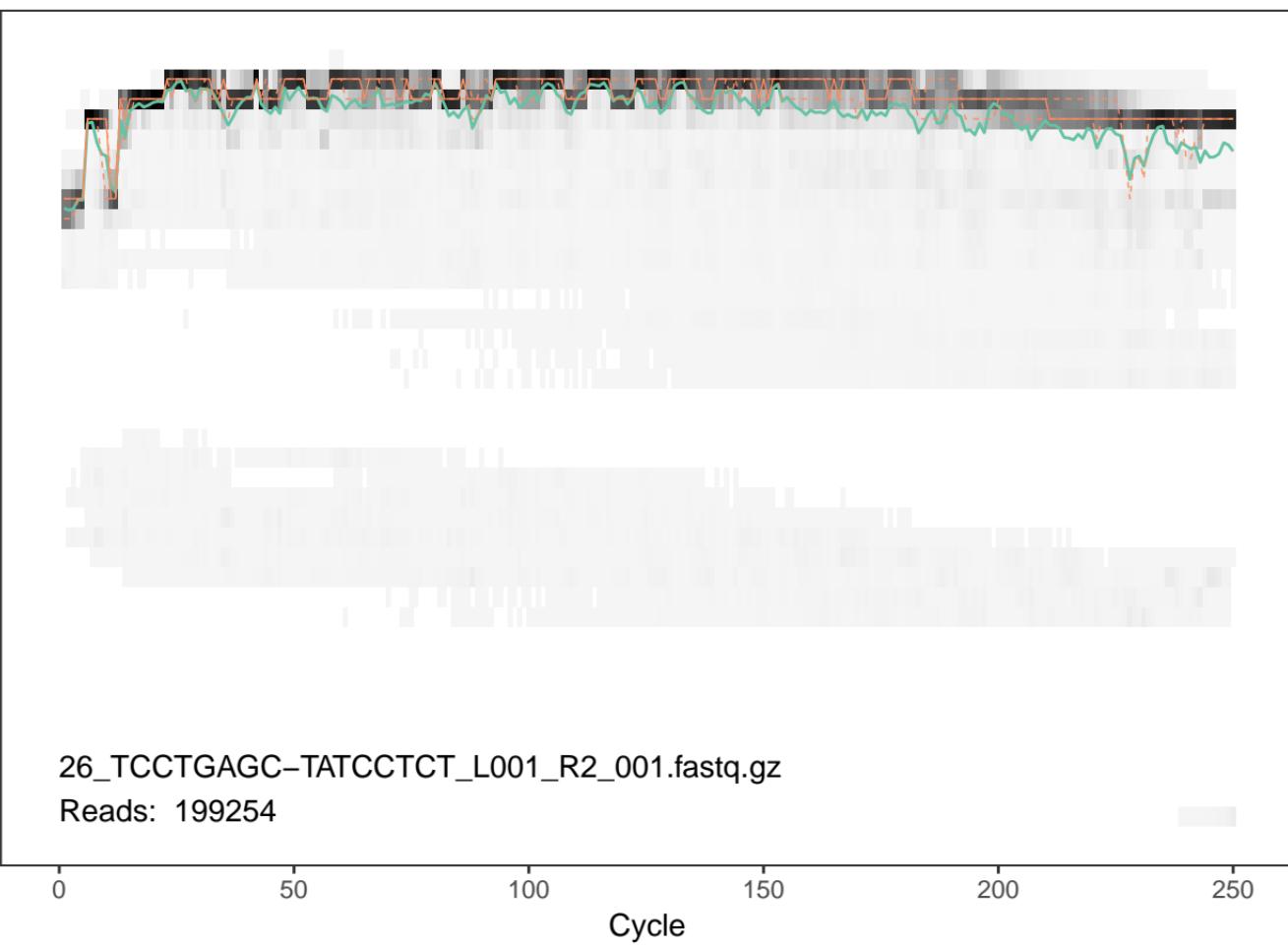
10

0

Cycle

26_TCCTGAGC-TATCCTCT_L001_R2_001.fastq.gz

Reads: 199254



Rev

Quality Score

40

30

20

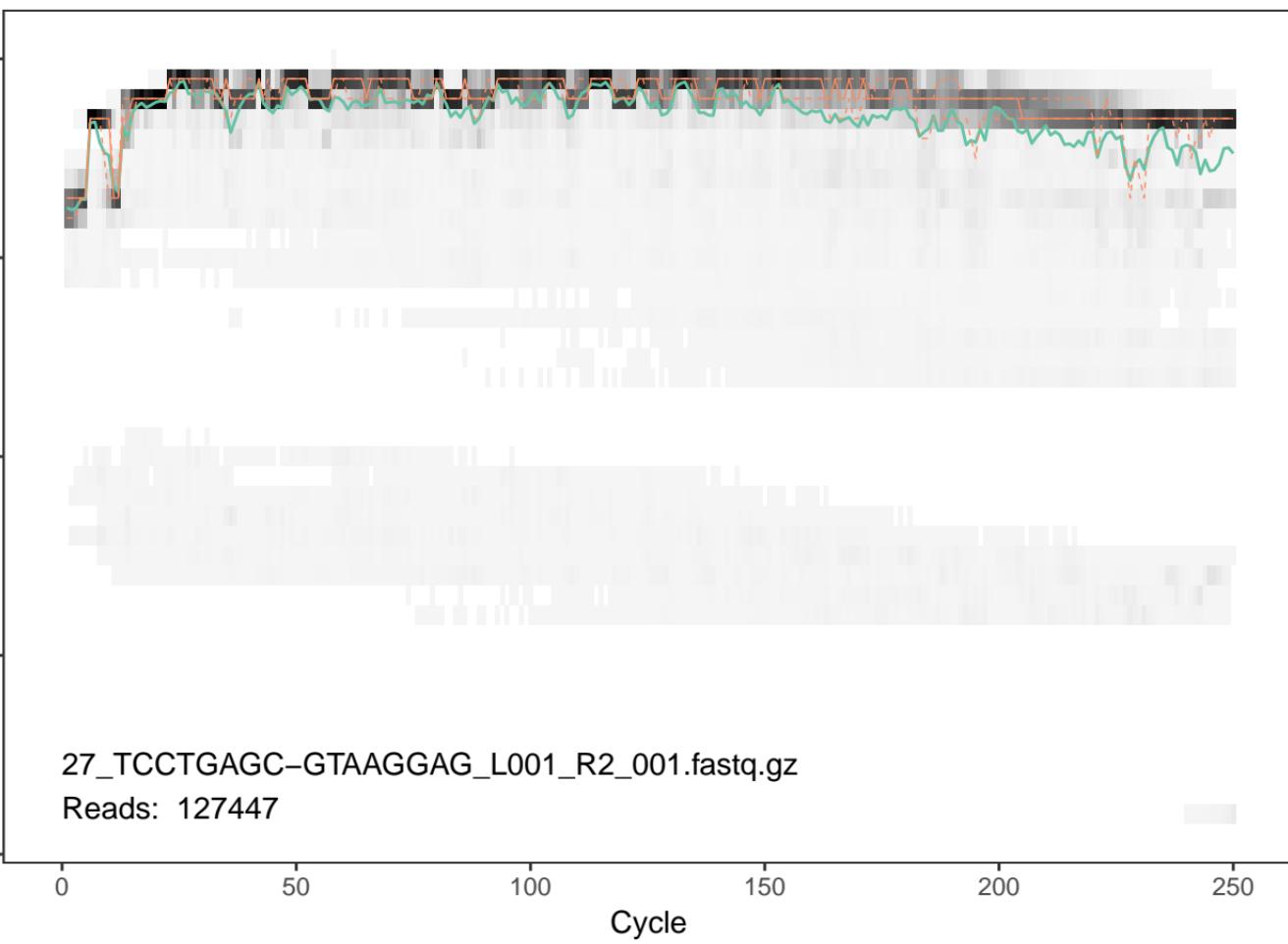
10

0

Cycle

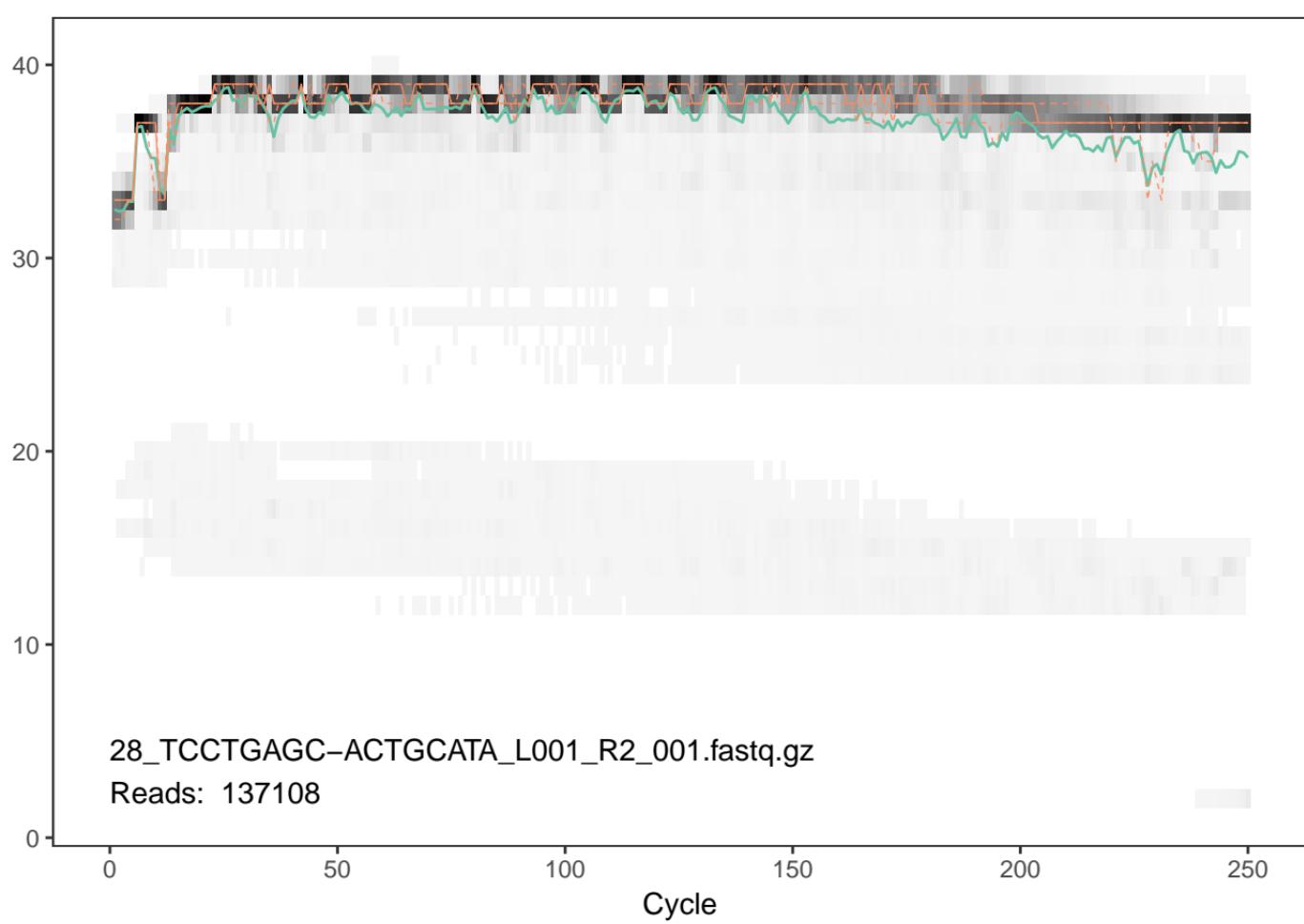
27_TCCTGAGC-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 127447



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

29_TCCTGAGC-AAGGAGTA_L001_R2_001.fastq.gz

Reads: 79739

0

50

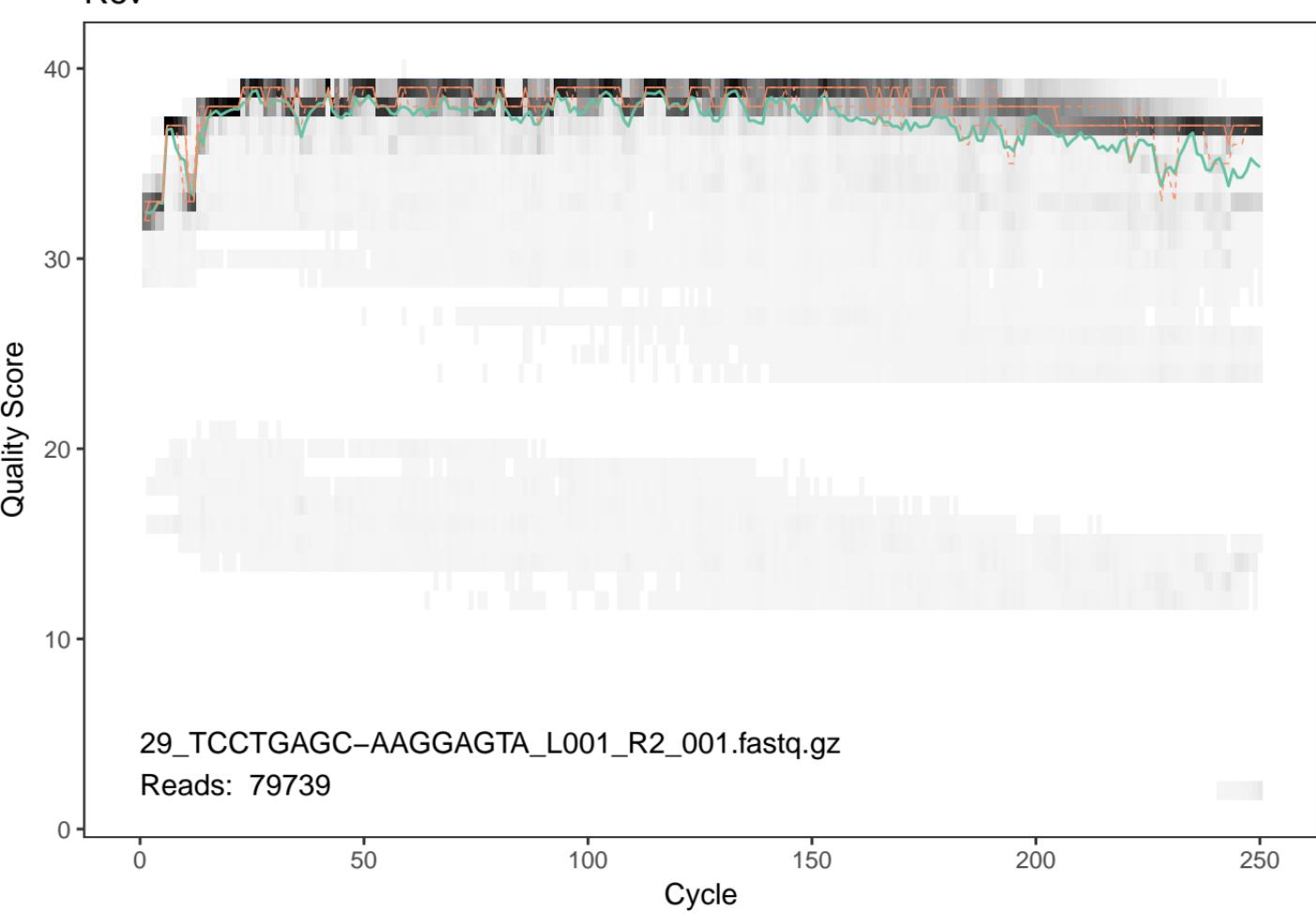
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

10

0

50

100

150

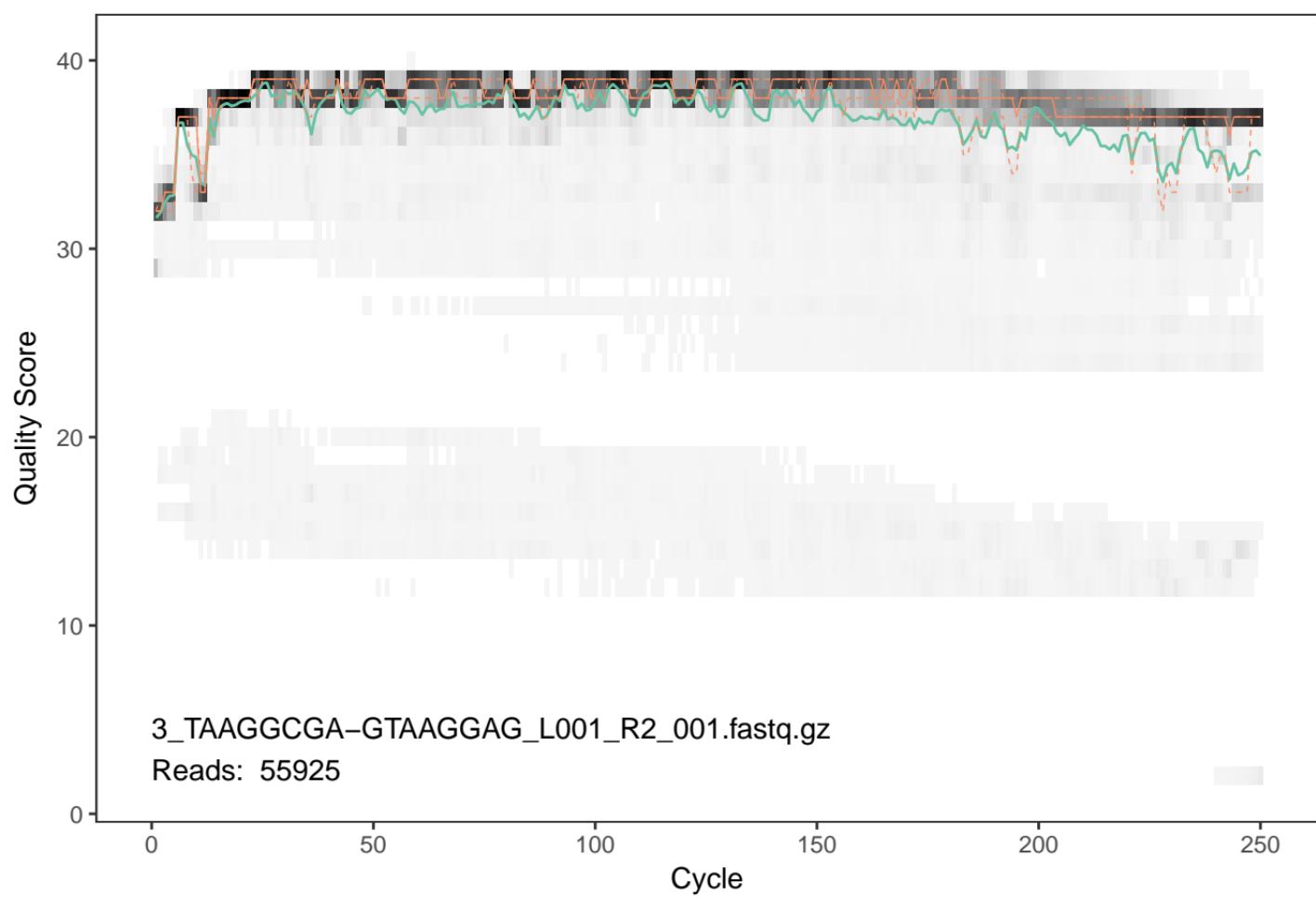
200

250

Cycle

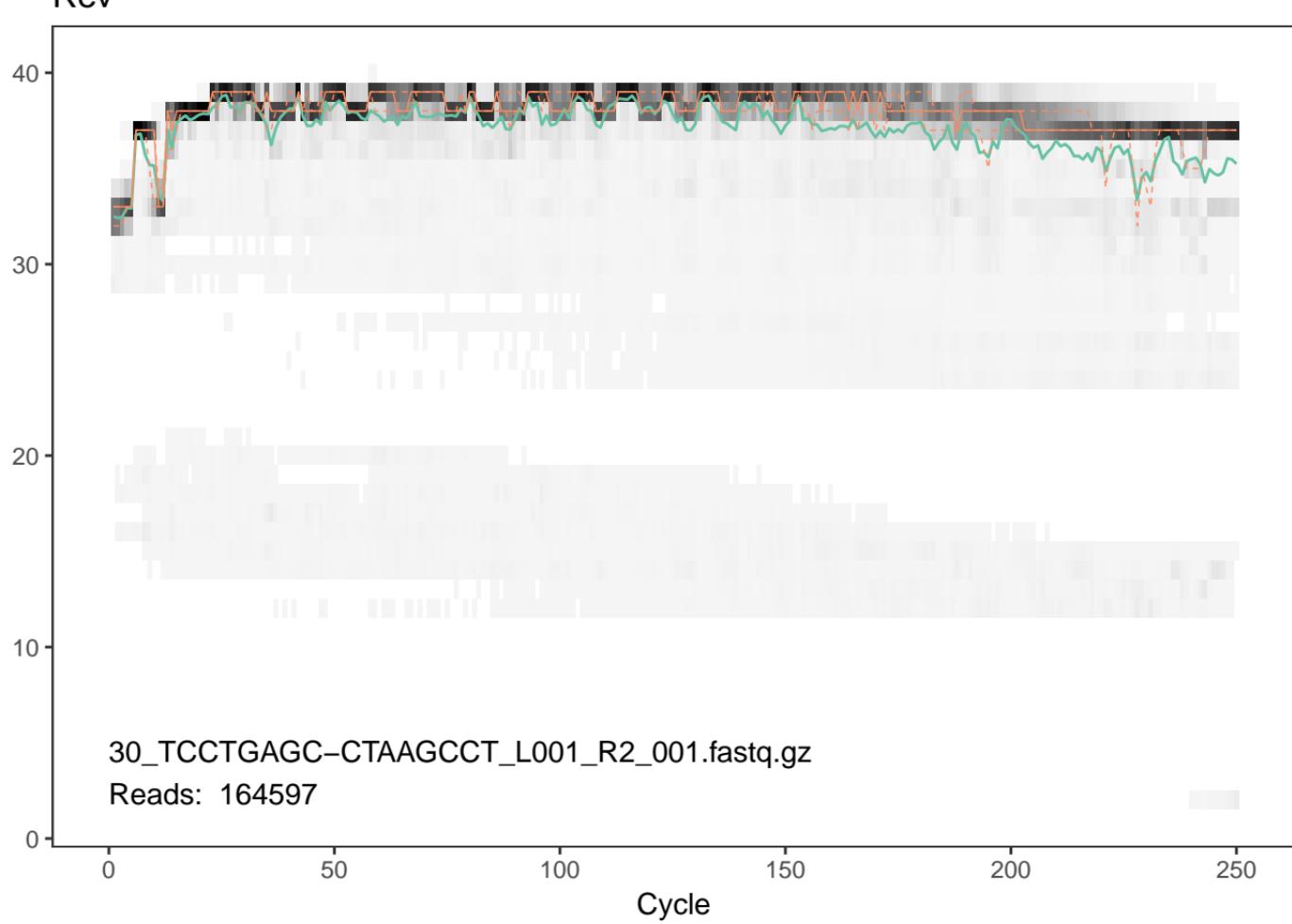
3_TAAGGCGA-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 55925



Rev

Quality Score



Rev

Quality Score

40

30

20

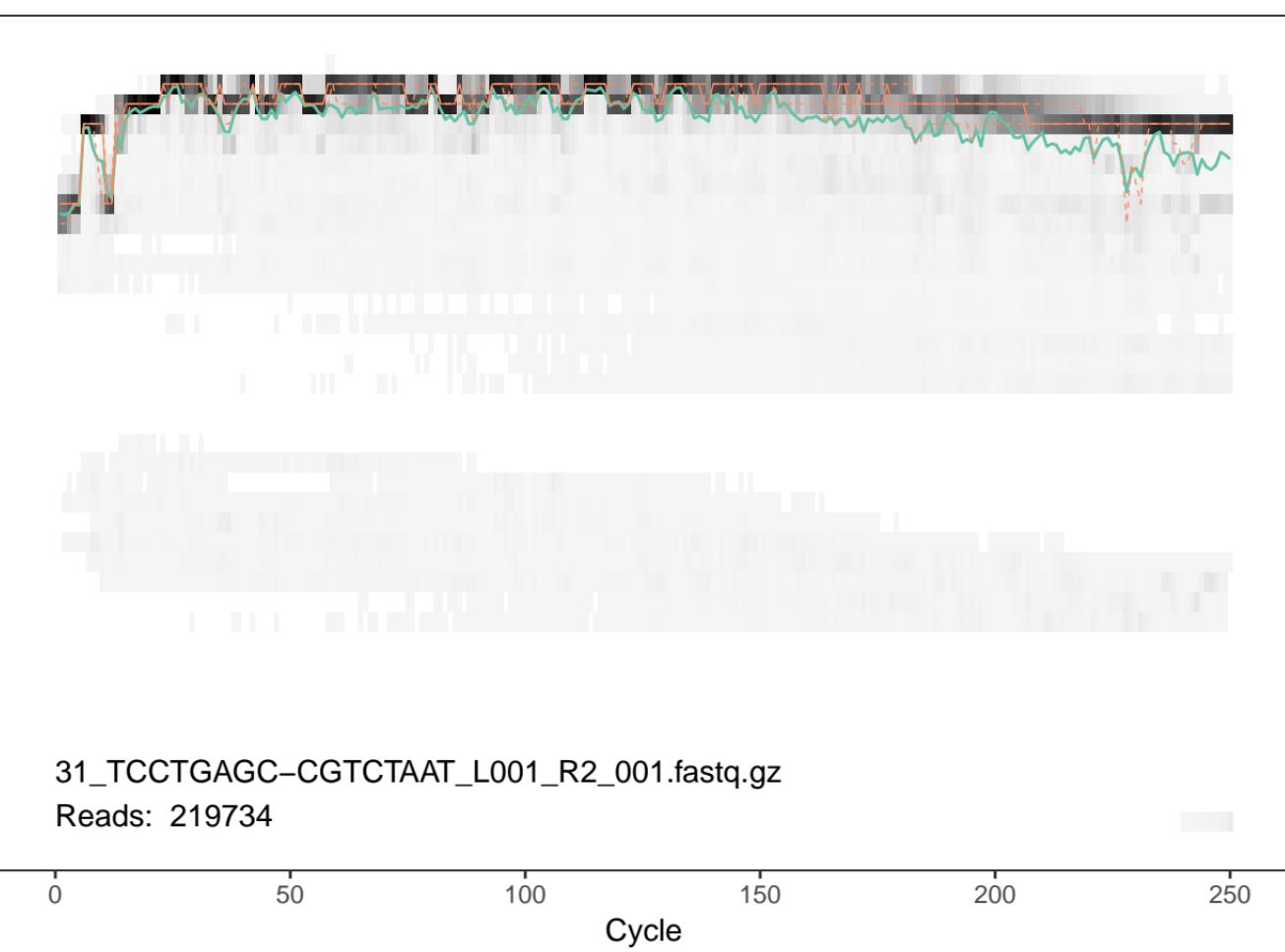
10

0

Cycle

31_TCCTGAGC-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 219734



Rev

Quality Score

40

30

20

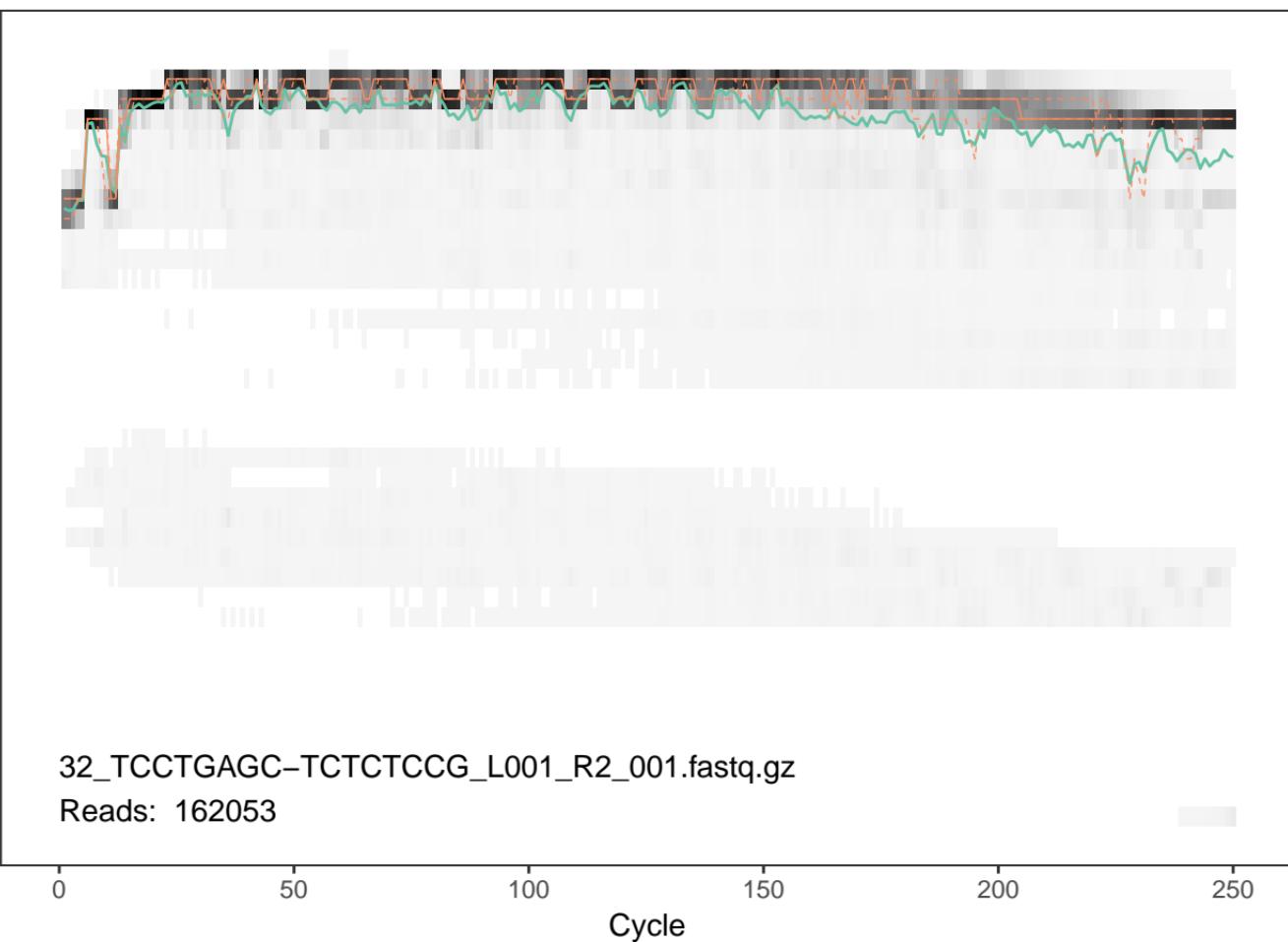
10

0

Cycle

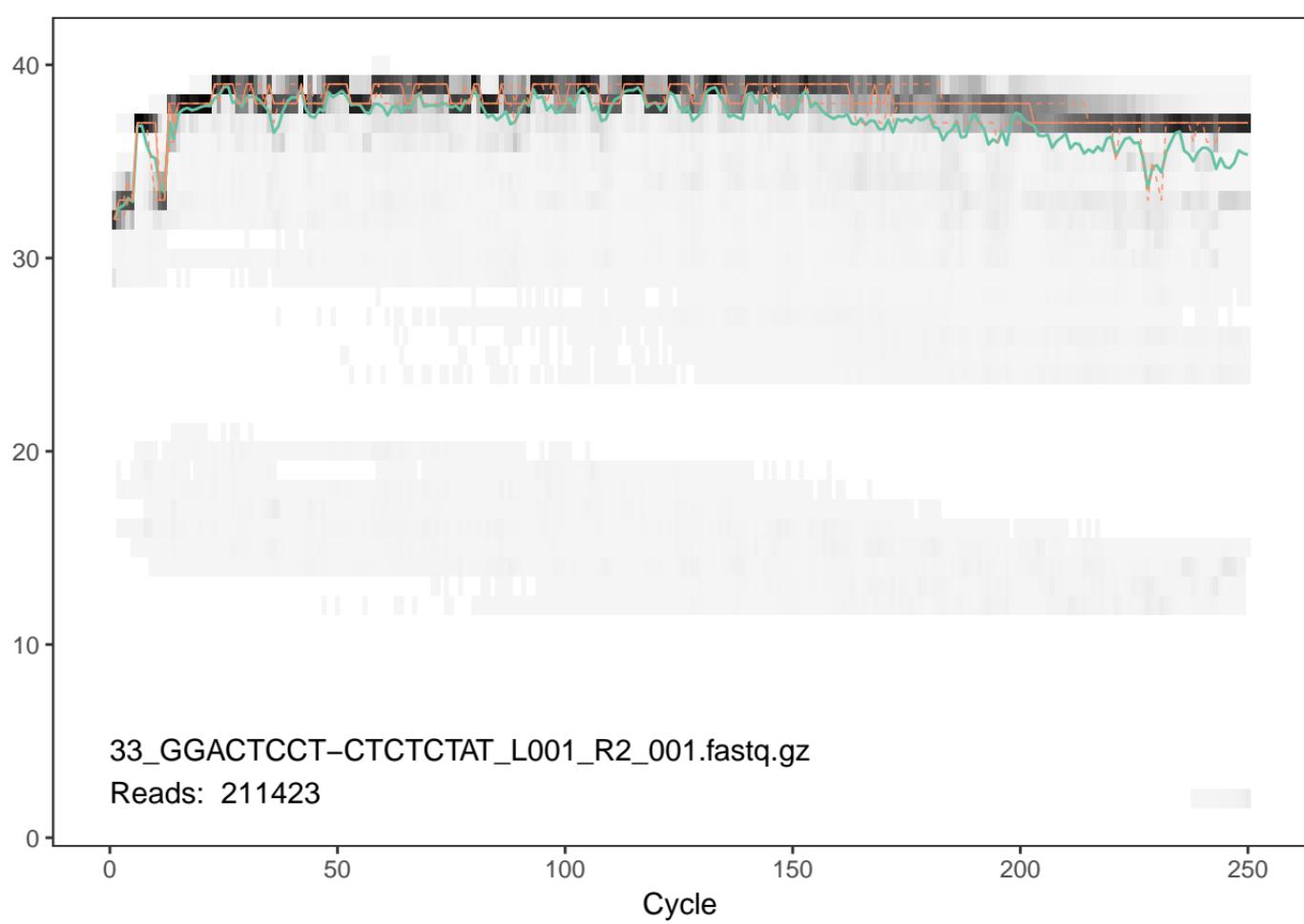
32_TCCTGAGC-TCTCTCCG_L001_R2_001.fastq.gz

Reads: 162053



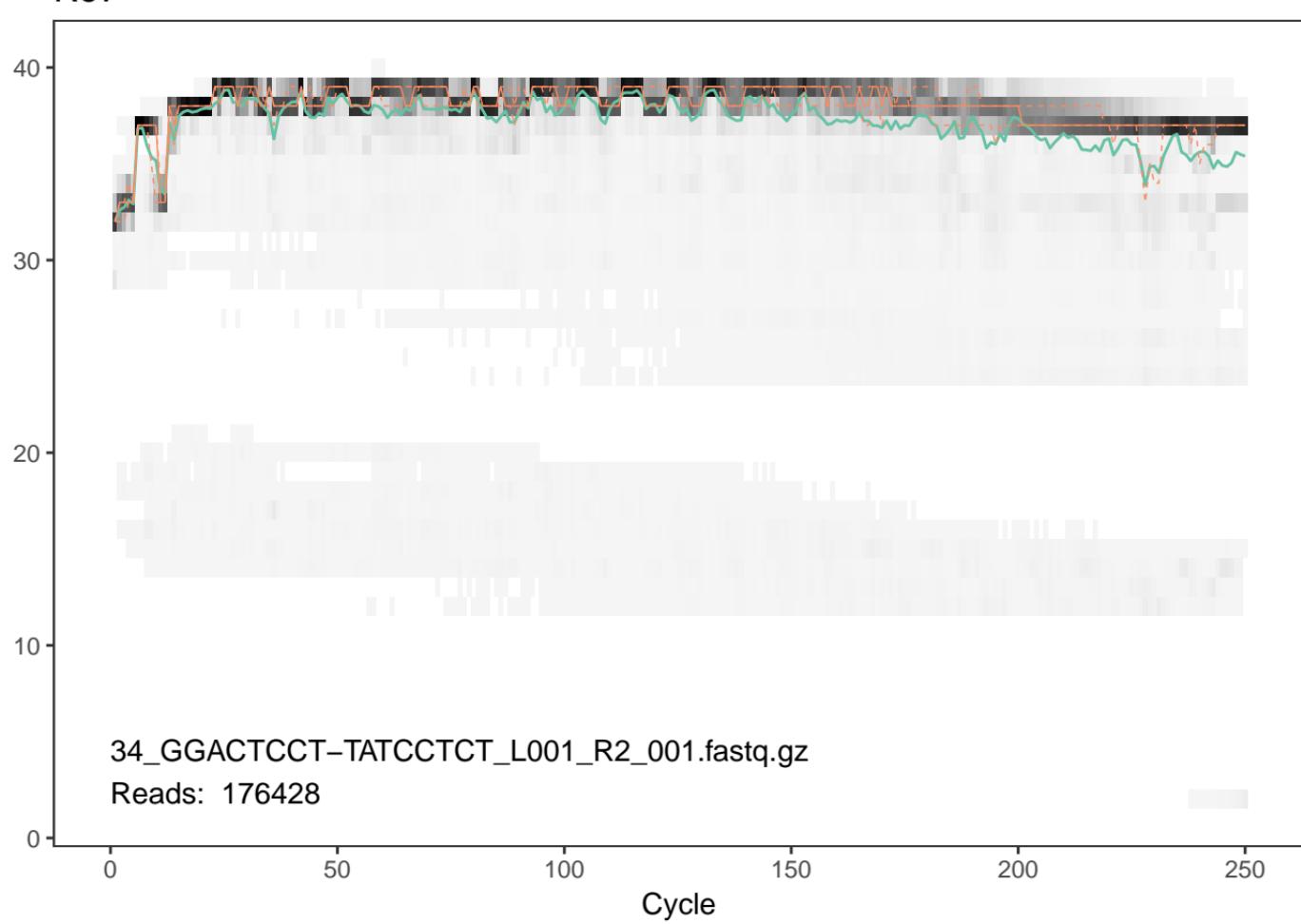
Rev

Quality Score



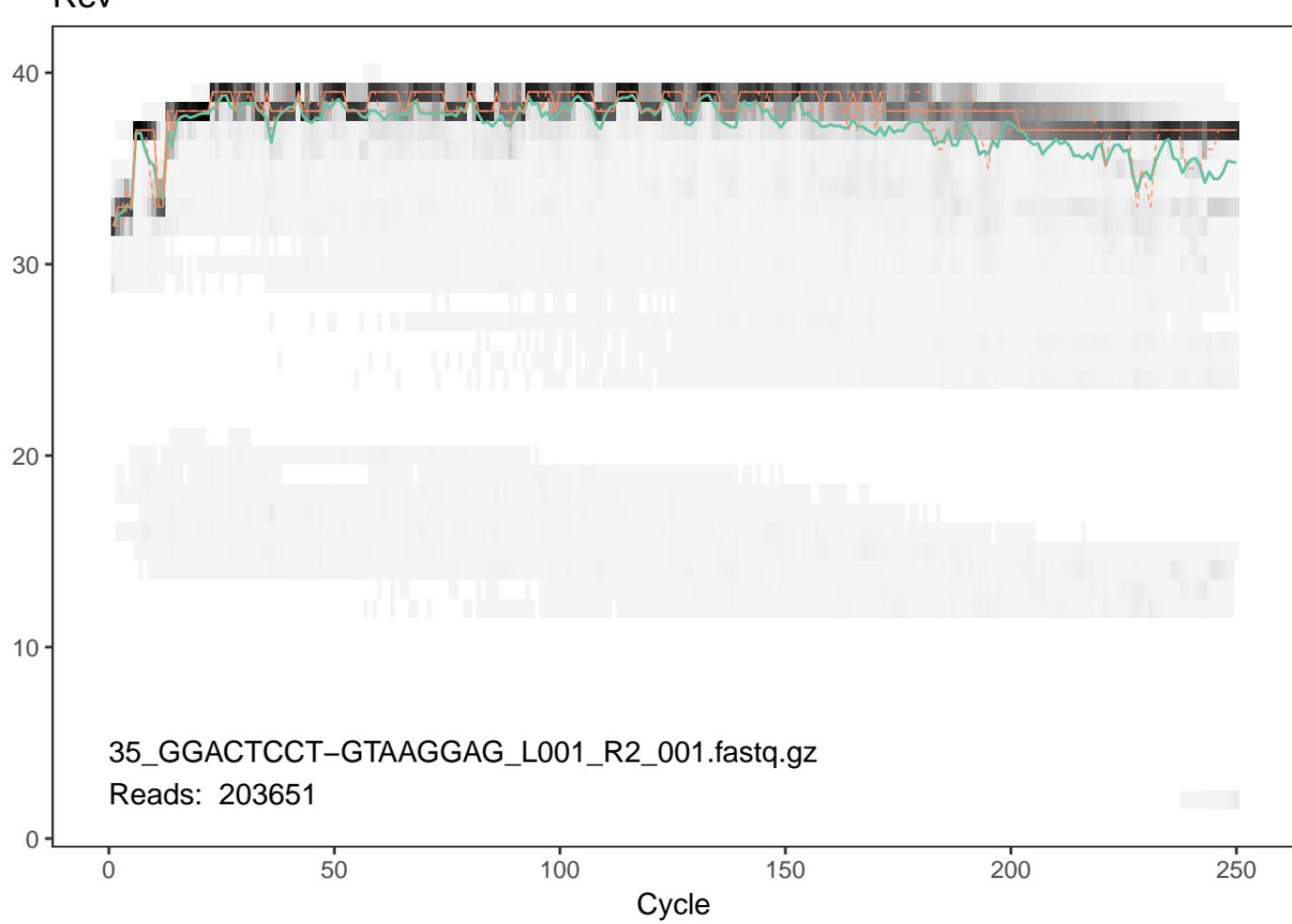
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

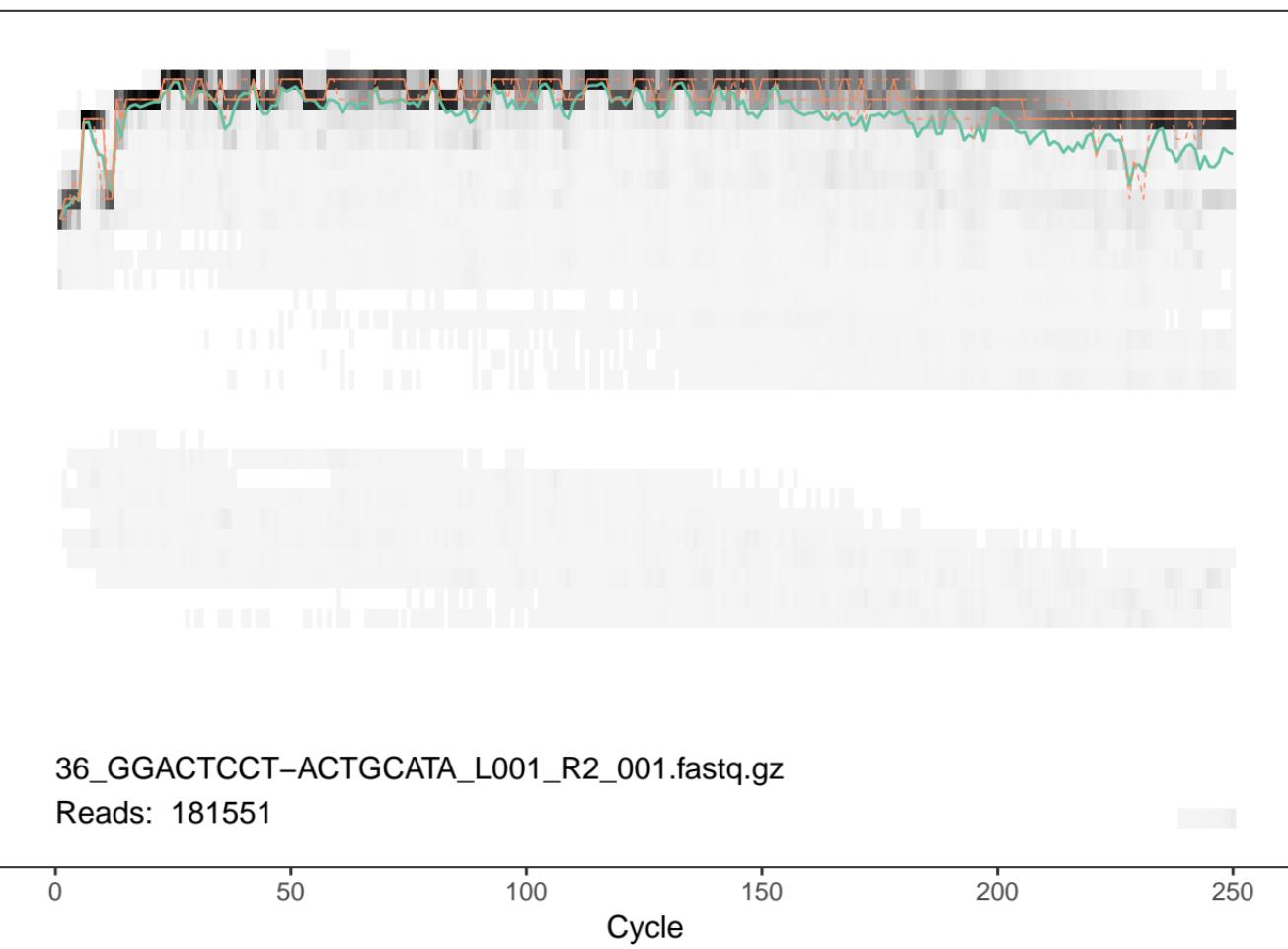
10

0

Cycle

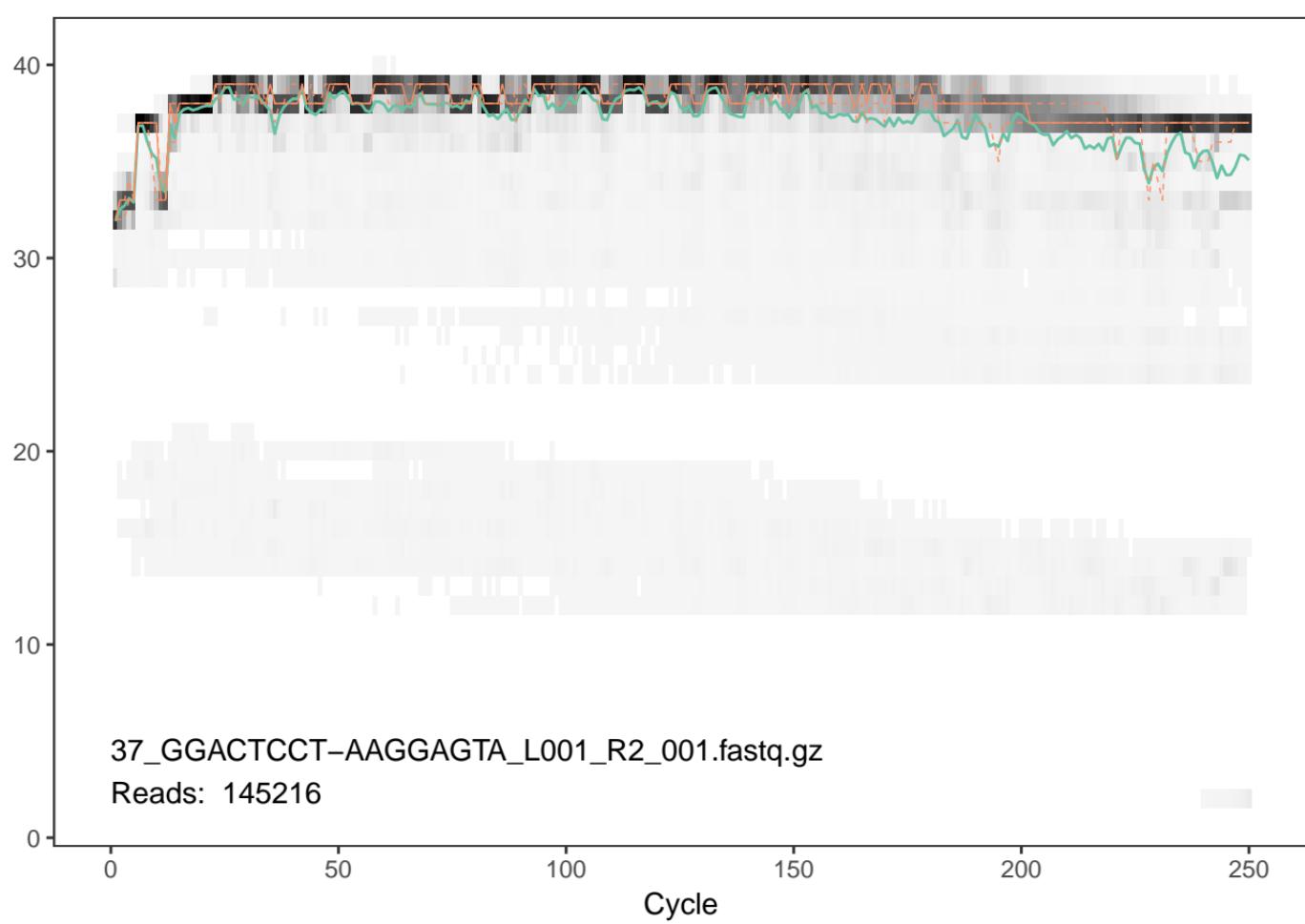
36_GGACTCCT-ACTGCATA_L001_R2_001.fastq.gz

Reads: 181551



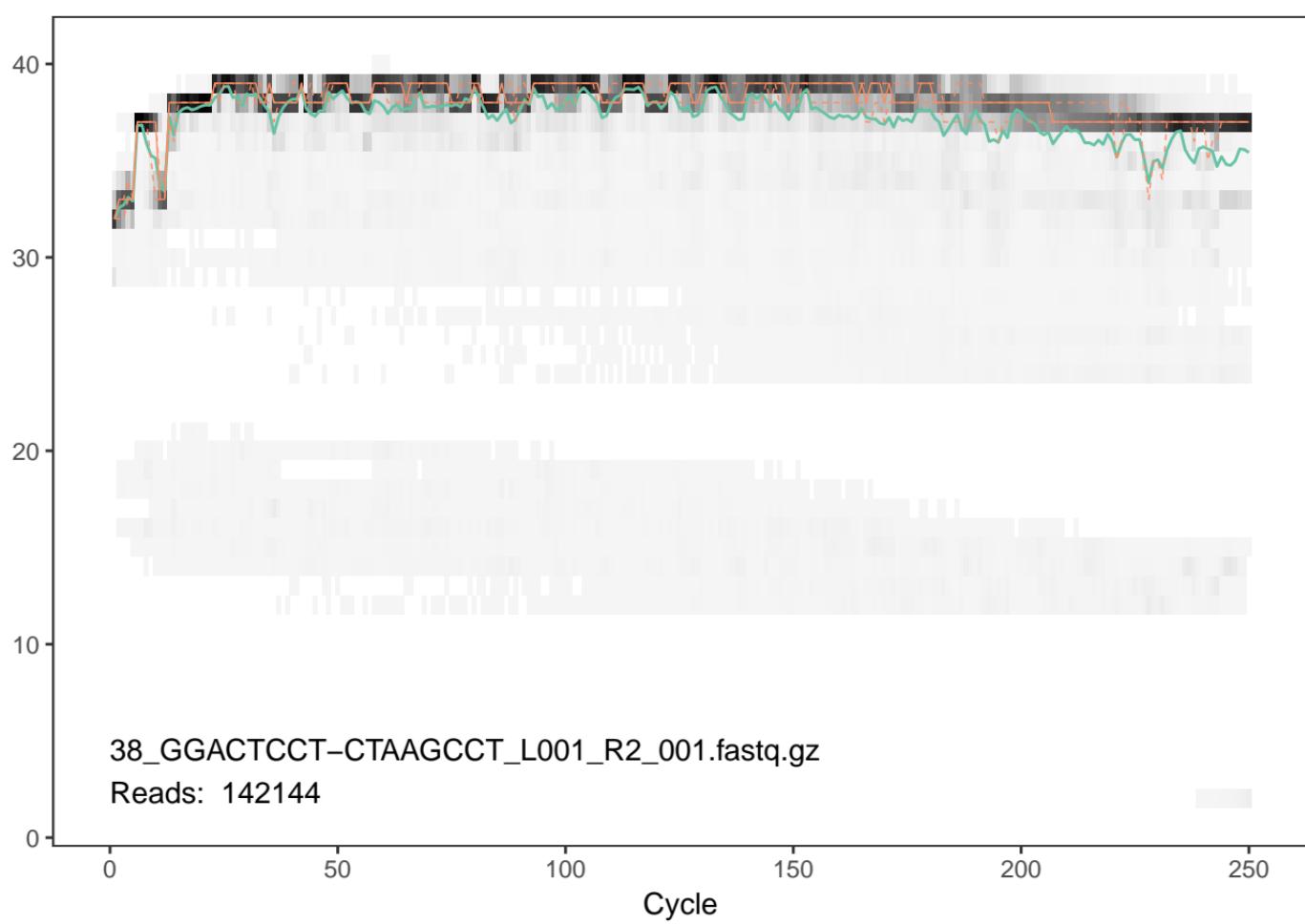
Rev

Quality Score



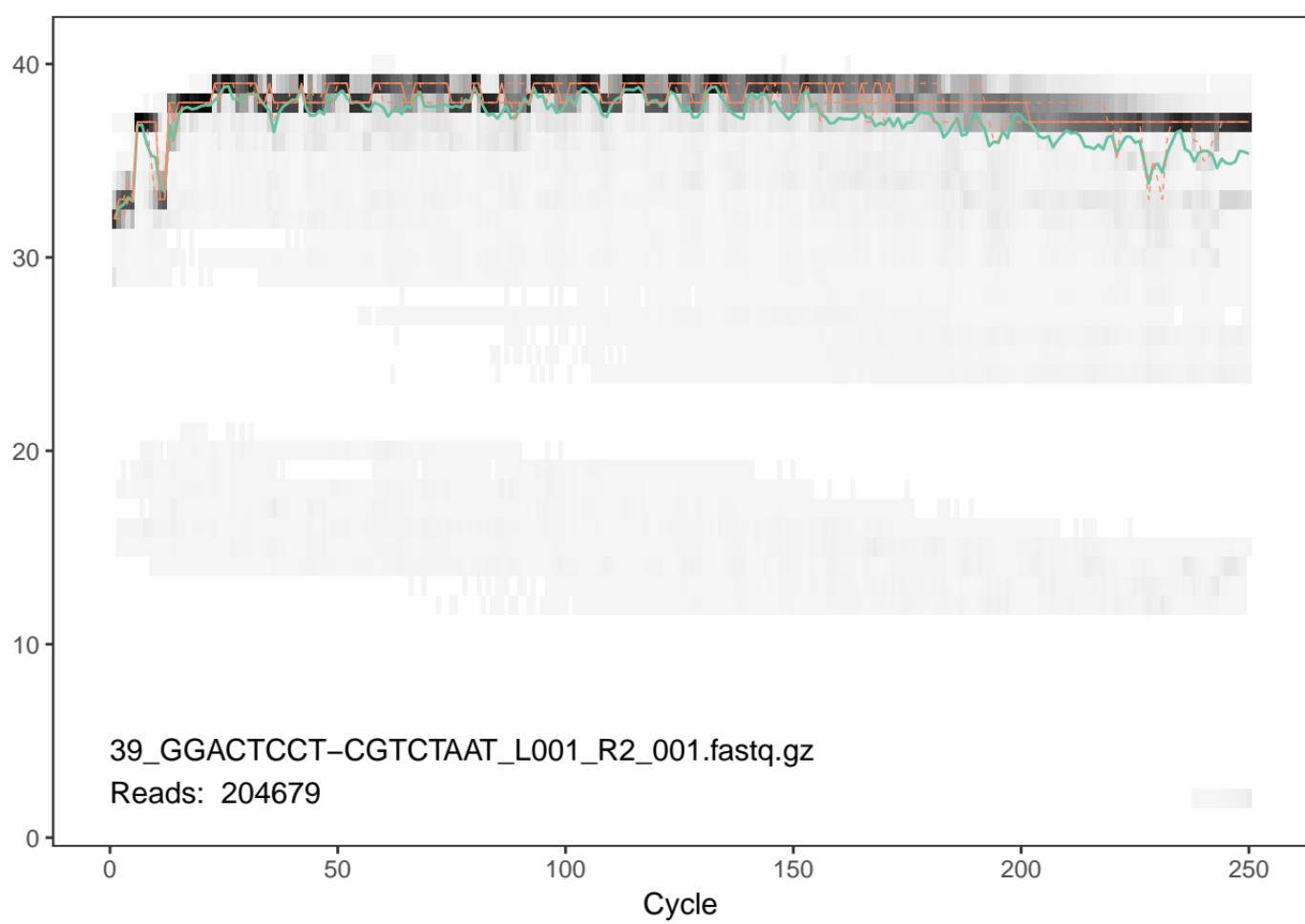
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

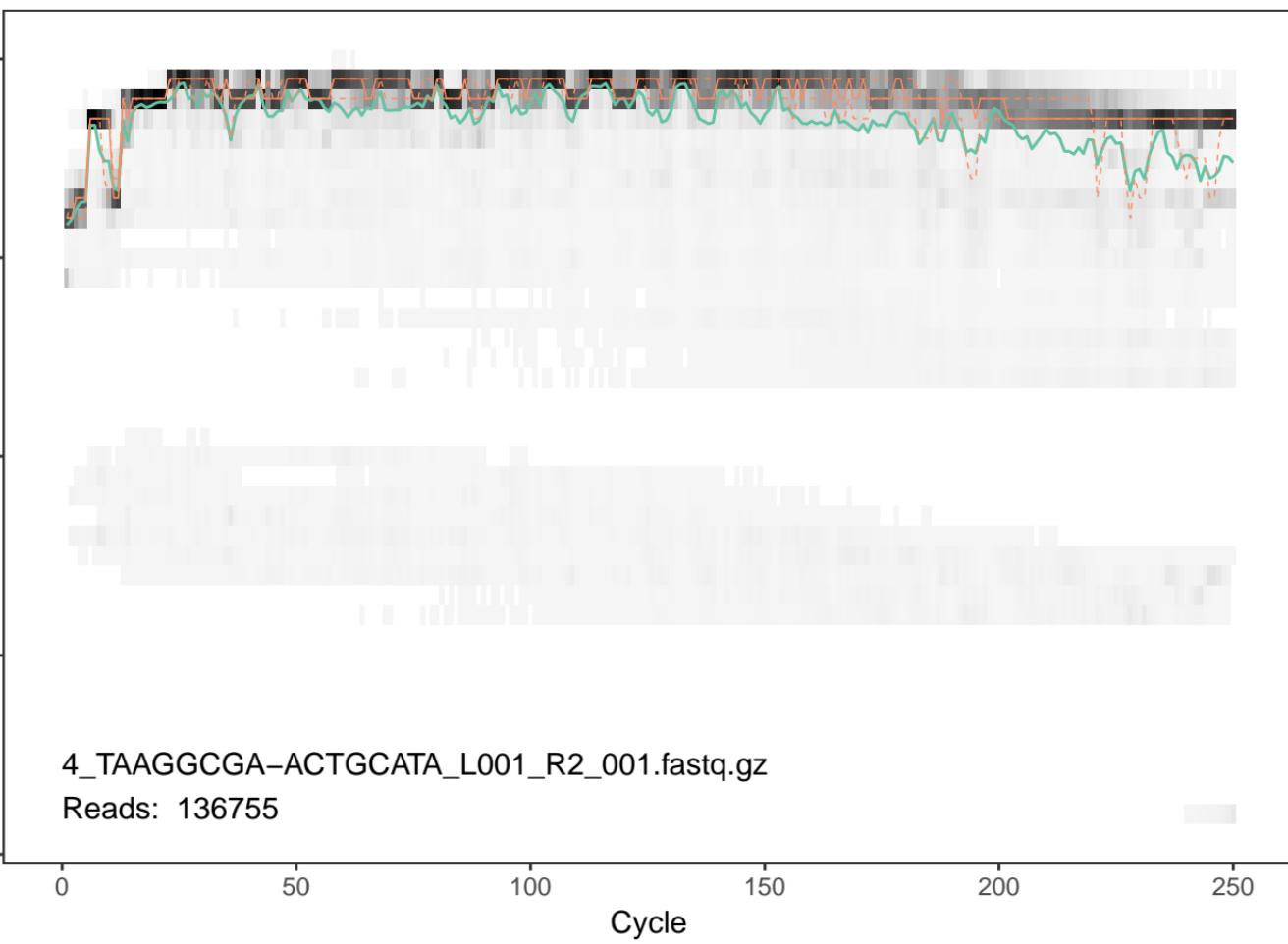
10

0

Cycle

4_TAAGGCGA-ACTGCATA_L001_R2_001.fastq.gz

Reads: 136755



Rev

Quality Score

40

30

20

10

0

40_GGACTCCT-TCTCTCCG_L001_R2_001.fastq.gz

Reads: 224933

0

50

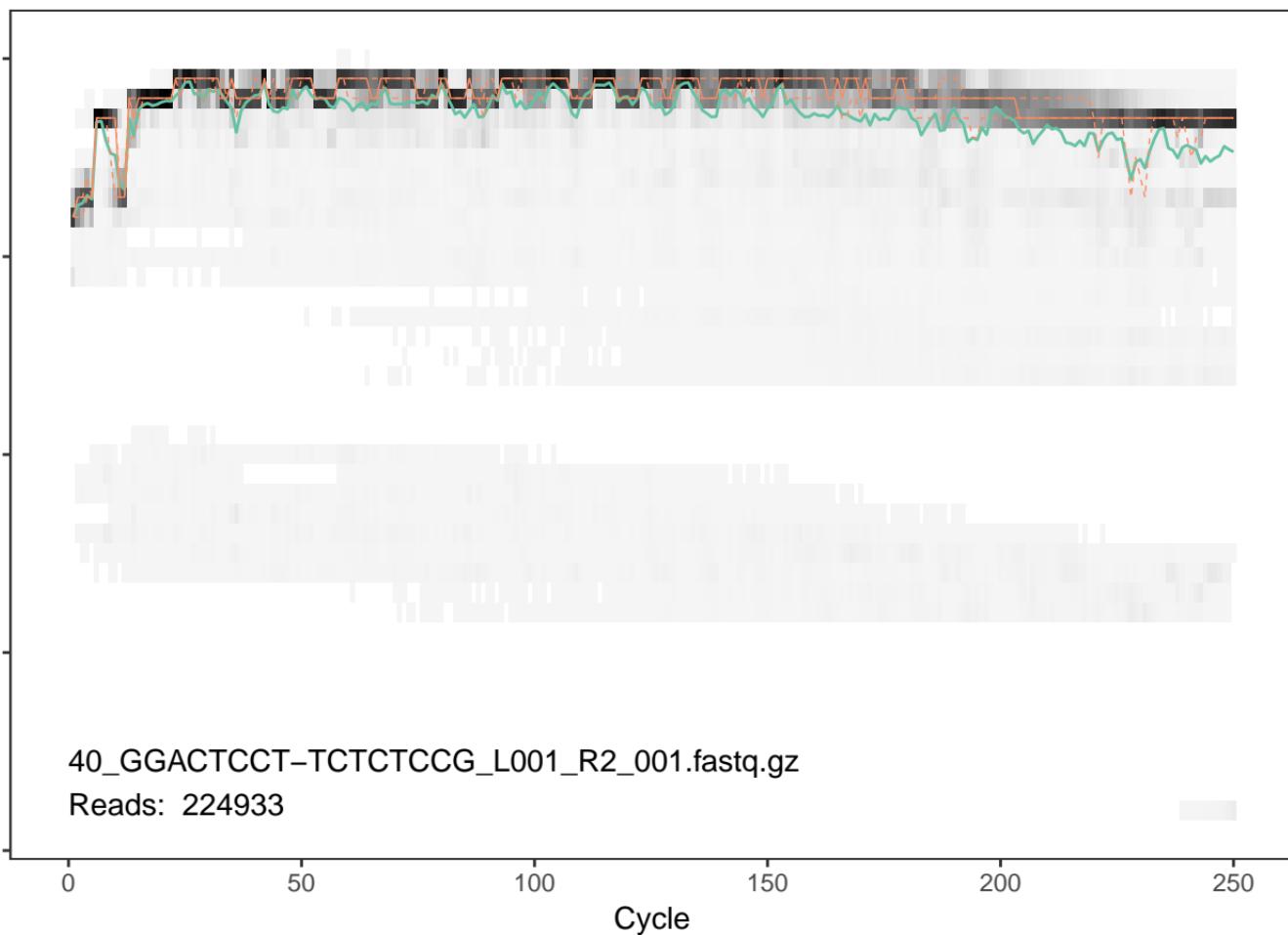
100

150

200

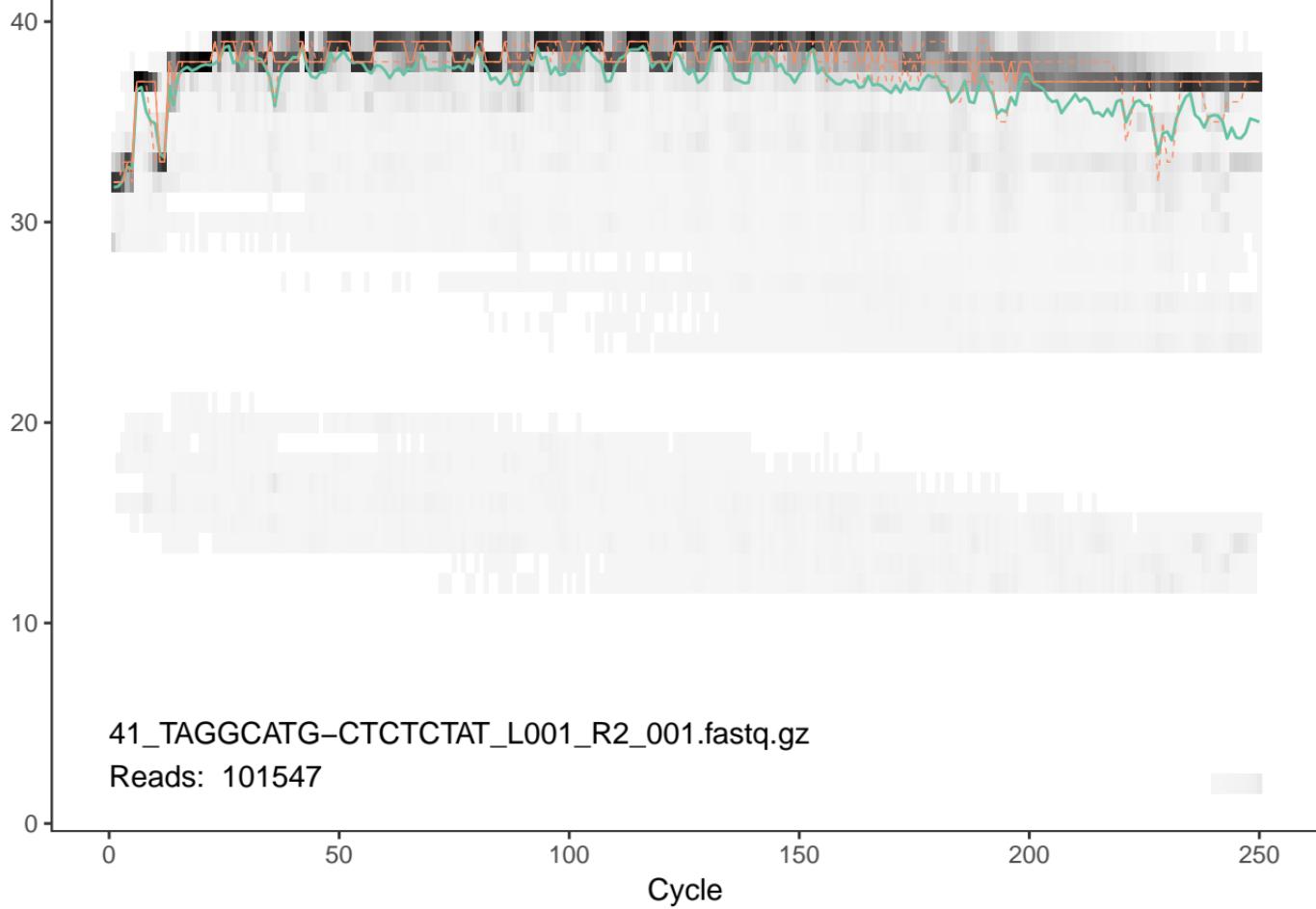
250

Cycle



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

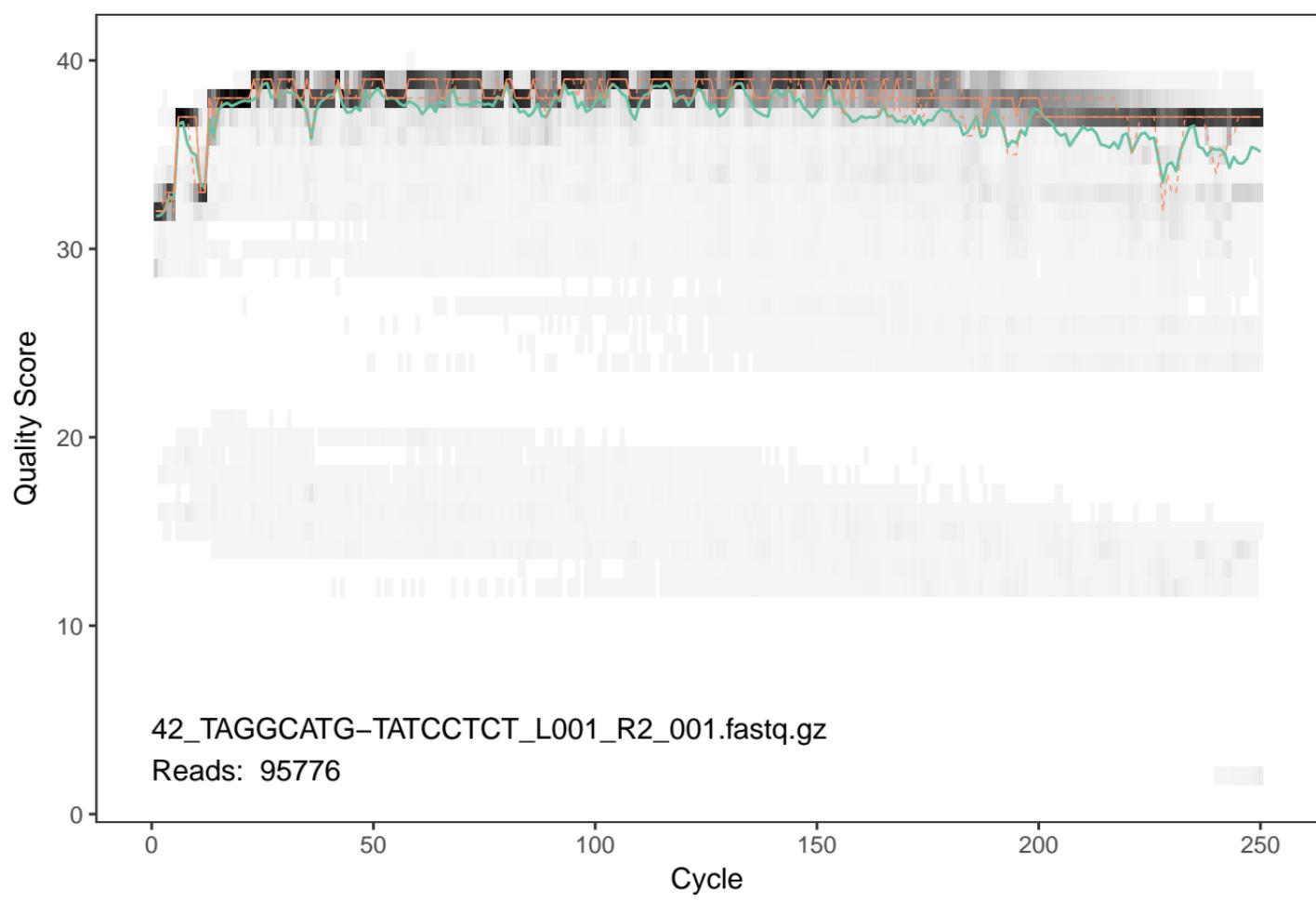
200

250

Cycle

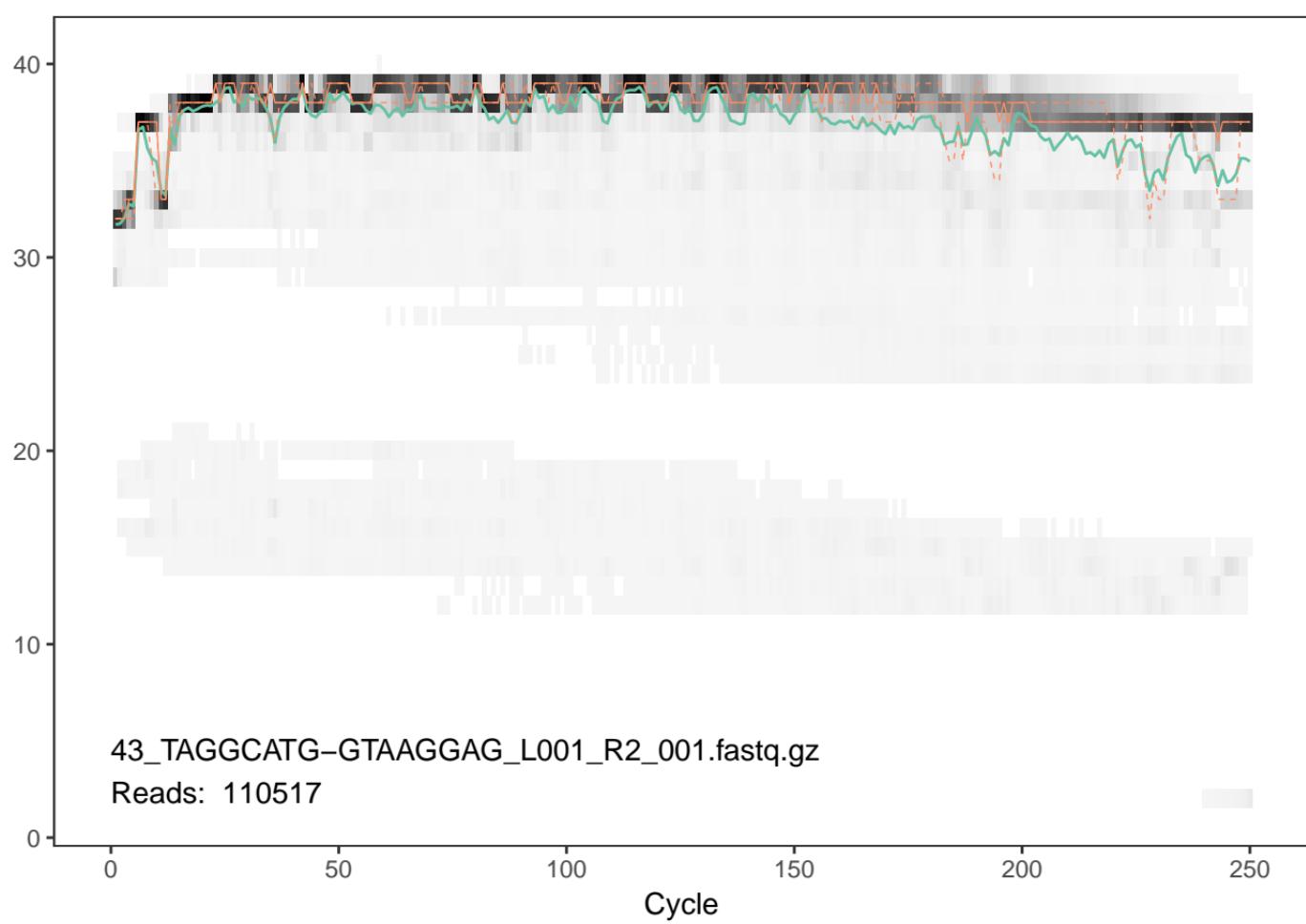
42_TAGGCATG-TATCCTCT_L001_R2_001.fastq.gz

Reads: 95776



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

44_TAGGCATG-ACTGCATA_L001_R2_001.fastq.gz

Reads: 149471

0

50

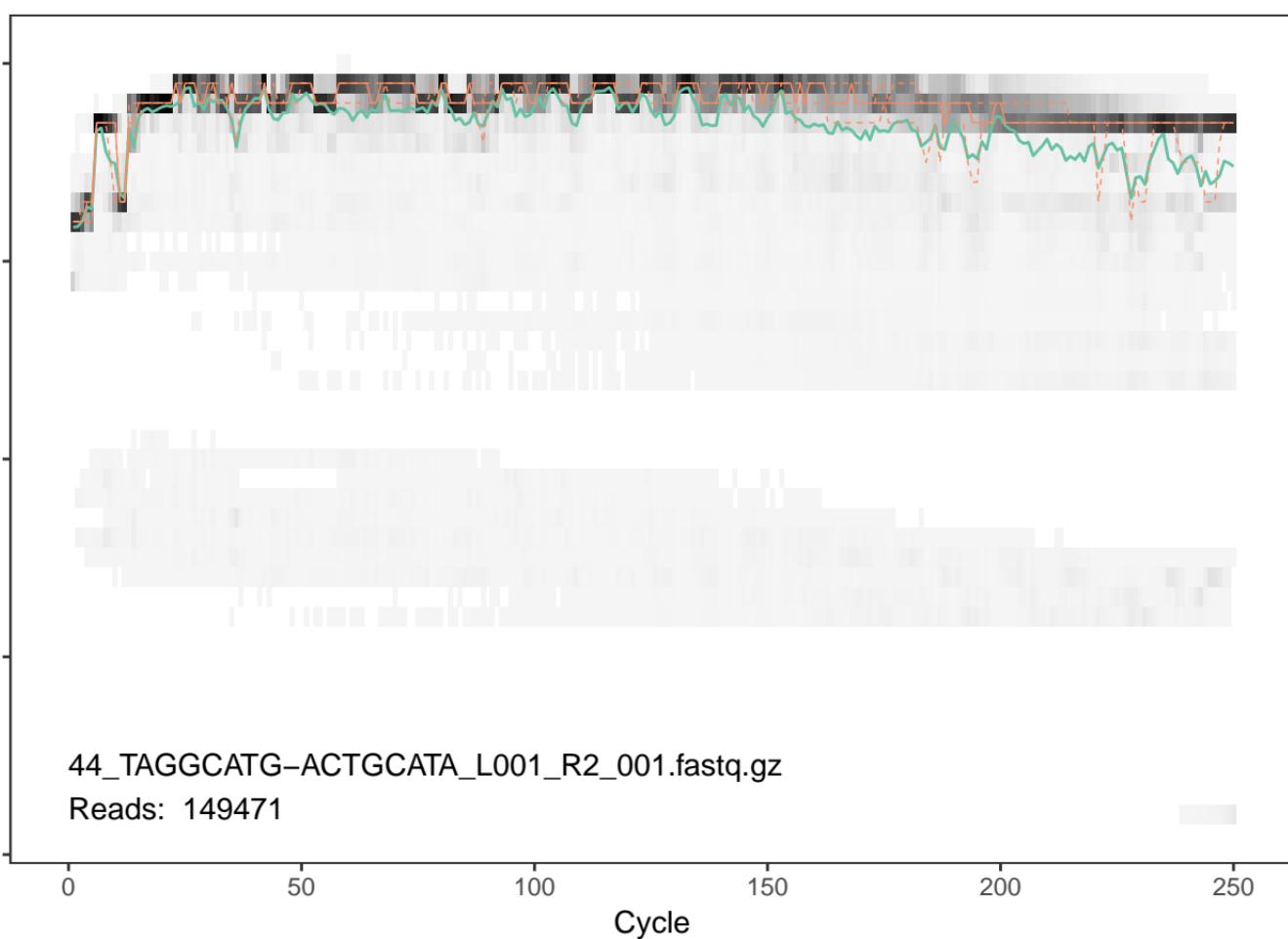
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

10

0

45_TAGGCATG-AAGGAGTA_L001_R2_001.fastq.gz

Reads: 122345

0

50

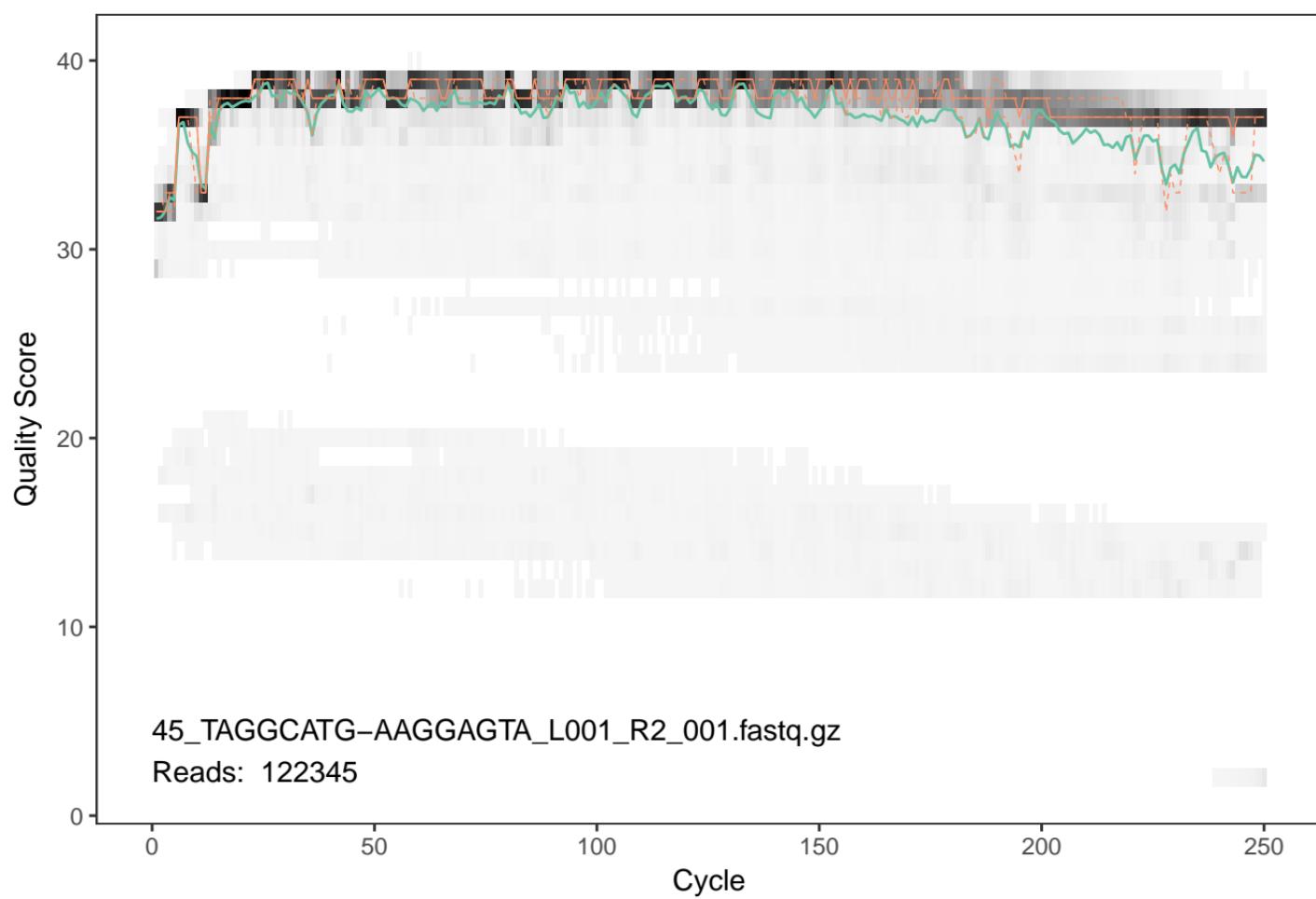
100

150

200

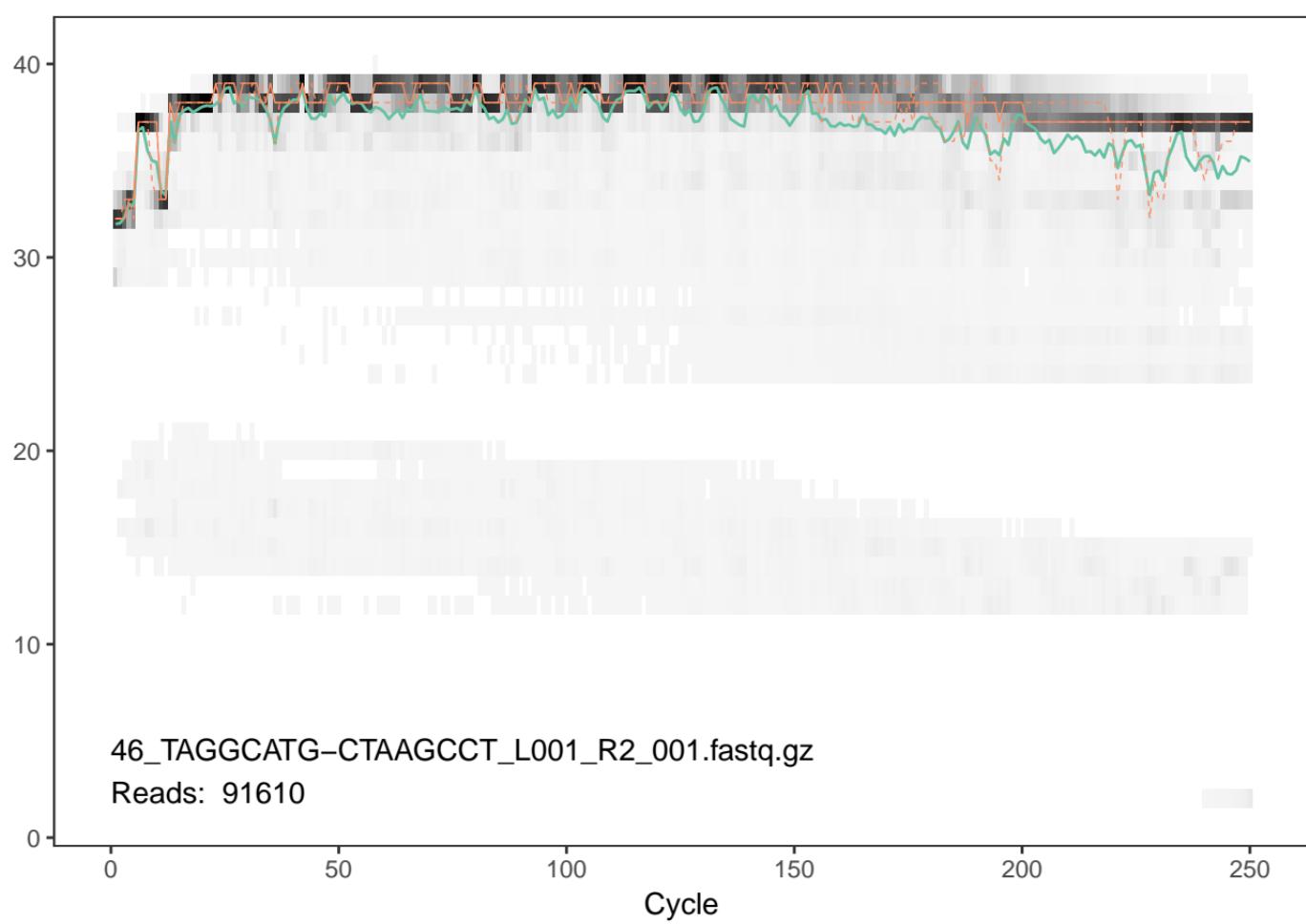
250

Cycle



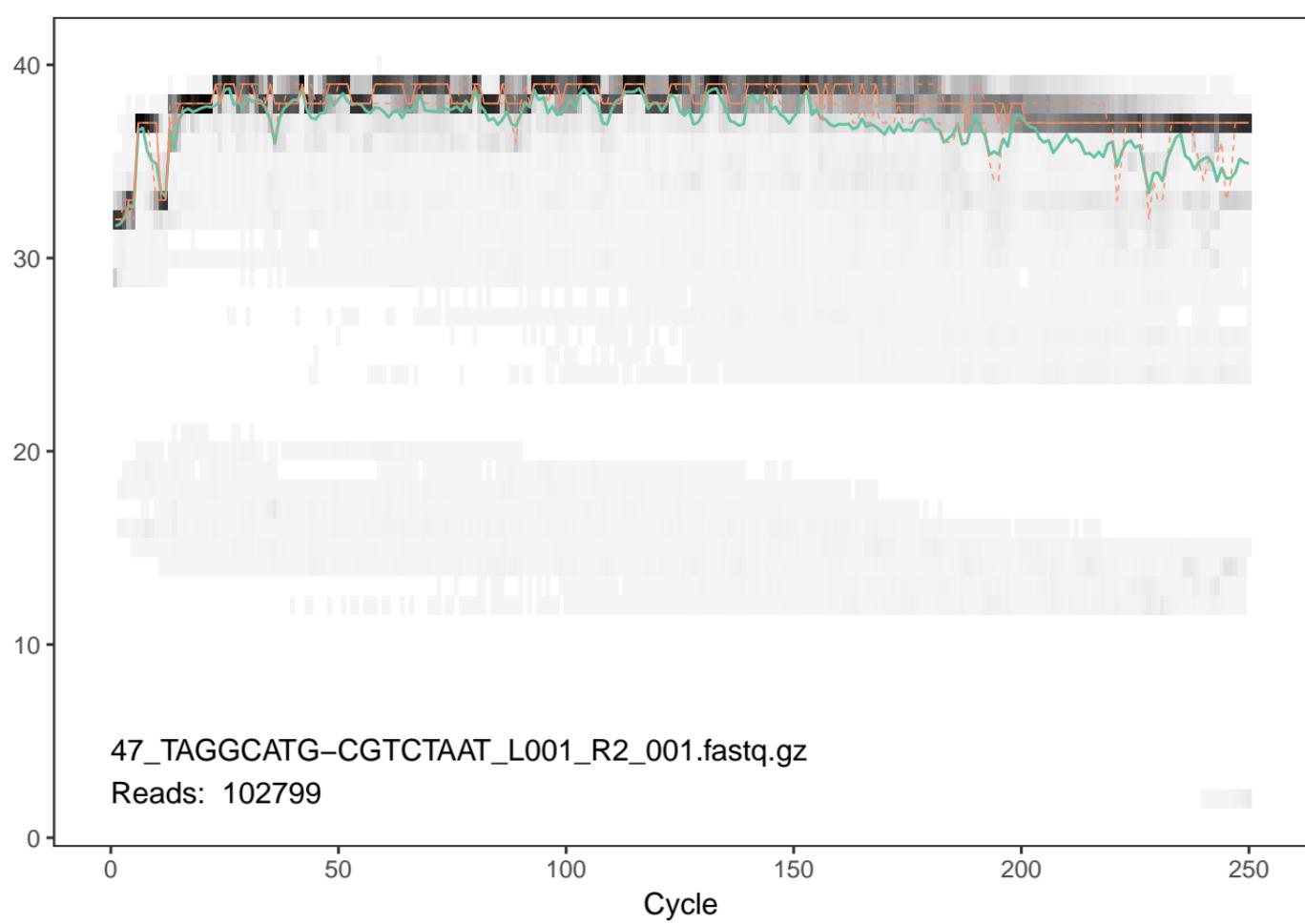
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

48_TAGGCATG-TCTCTCCG_L001_R2_001.fastq.gz

Reads: 148036

0

50

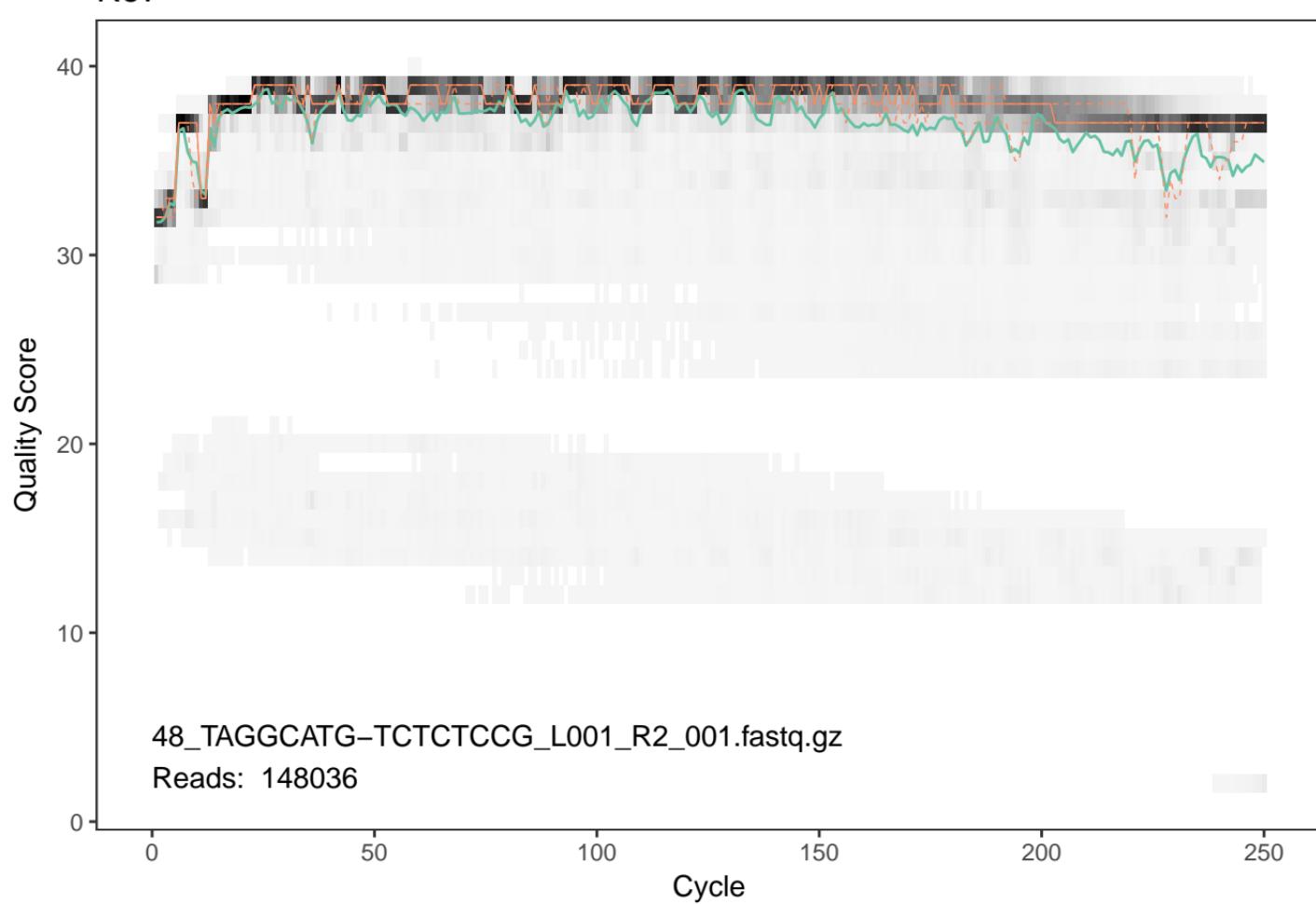
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

10

0

50

100

150

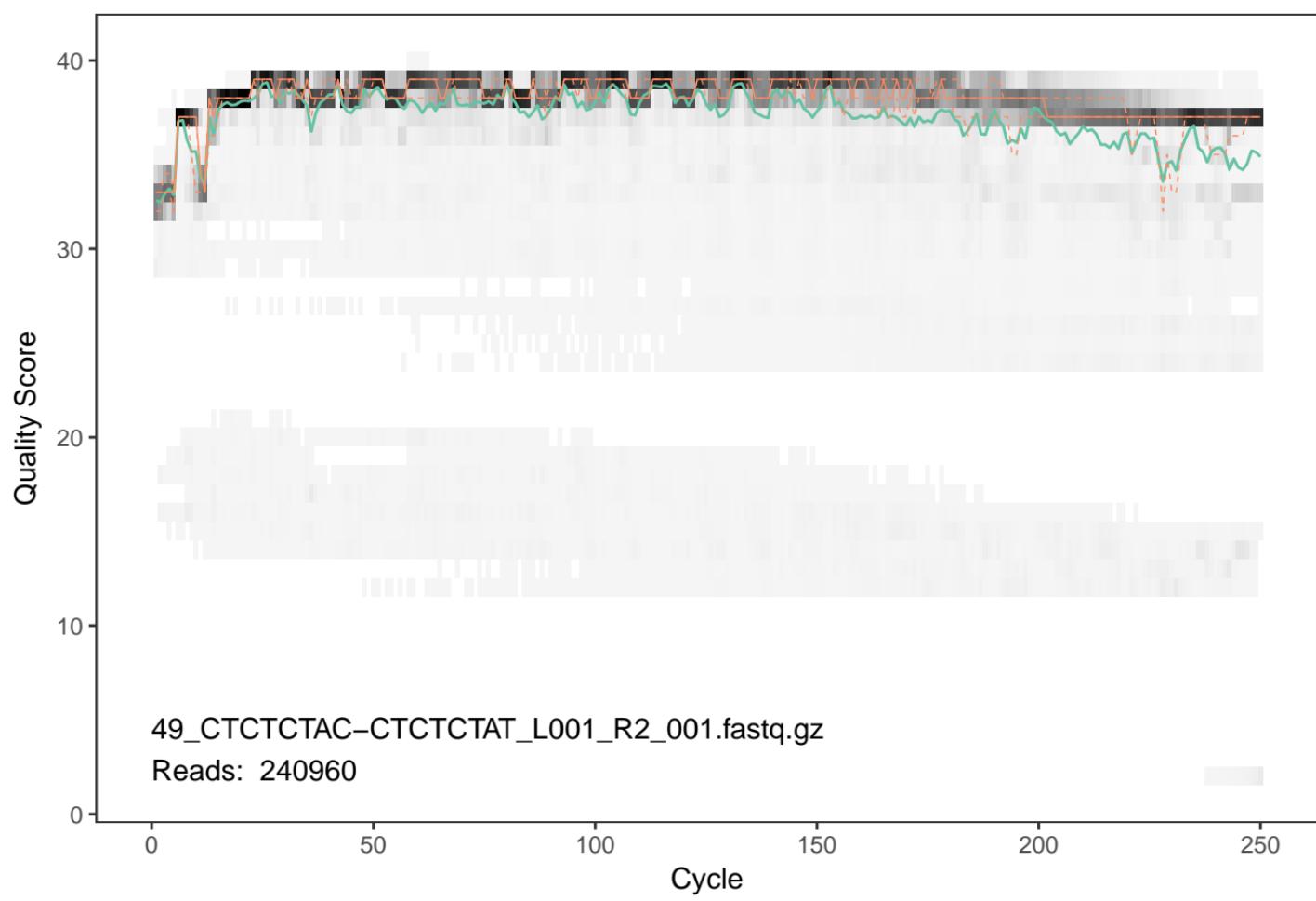
200

250

Cycle

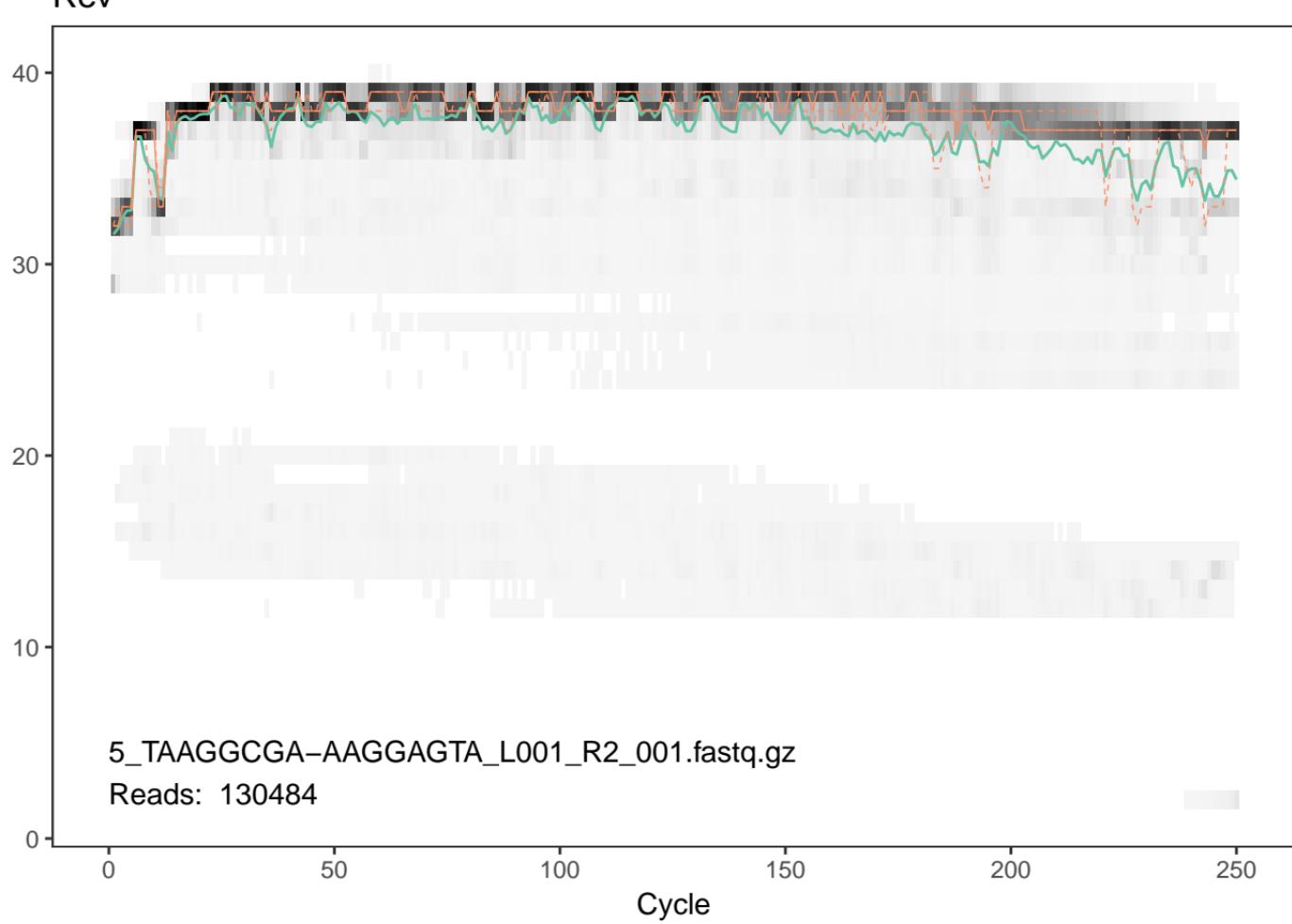
49_CTCTCTAC-CTCTCTAT_L001_R2_001.fastq.gz

Reads: 240960



Rev

Quality Score



Rev

Quality Score

40

30

20

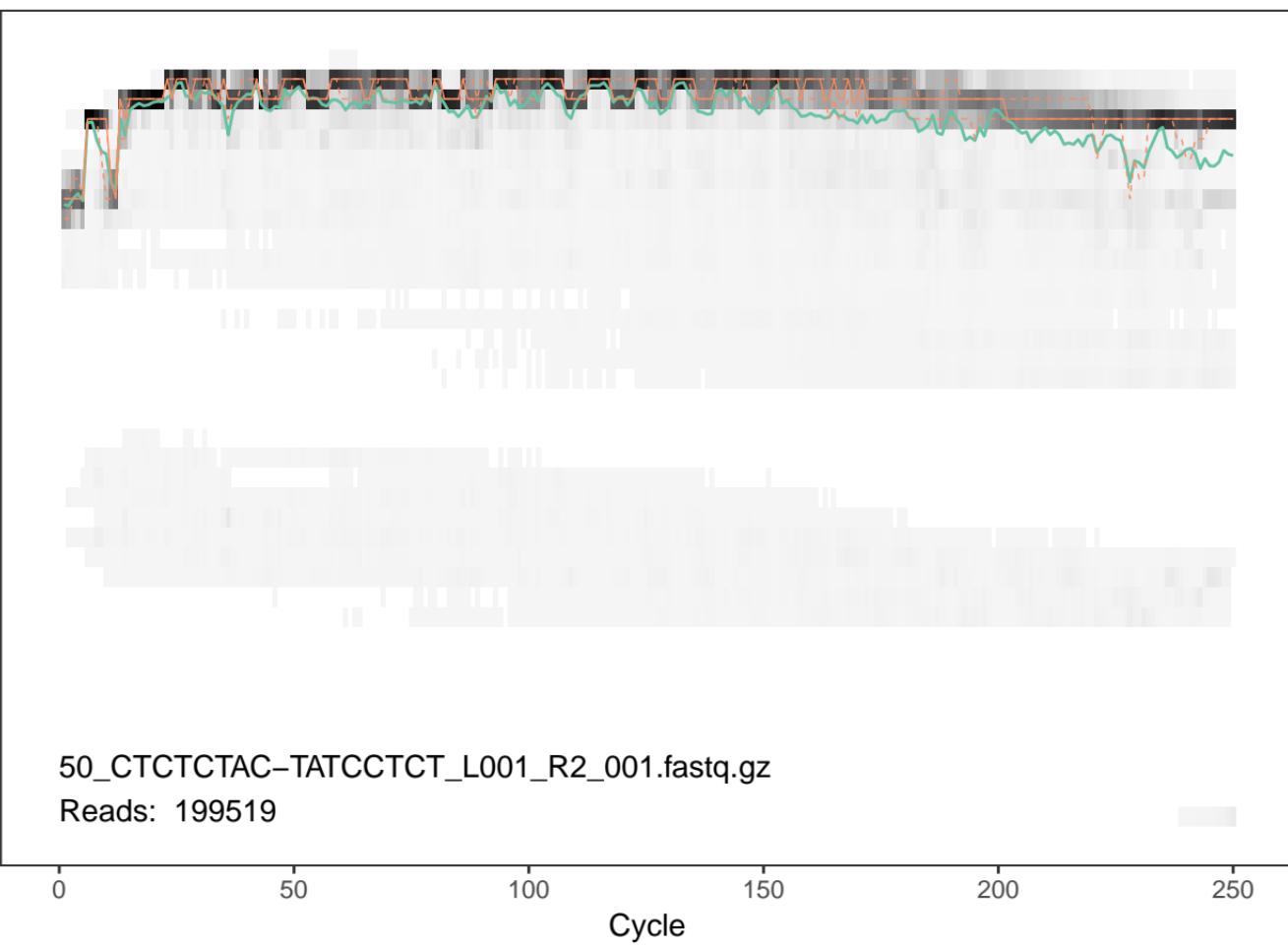
10

0

Cycle

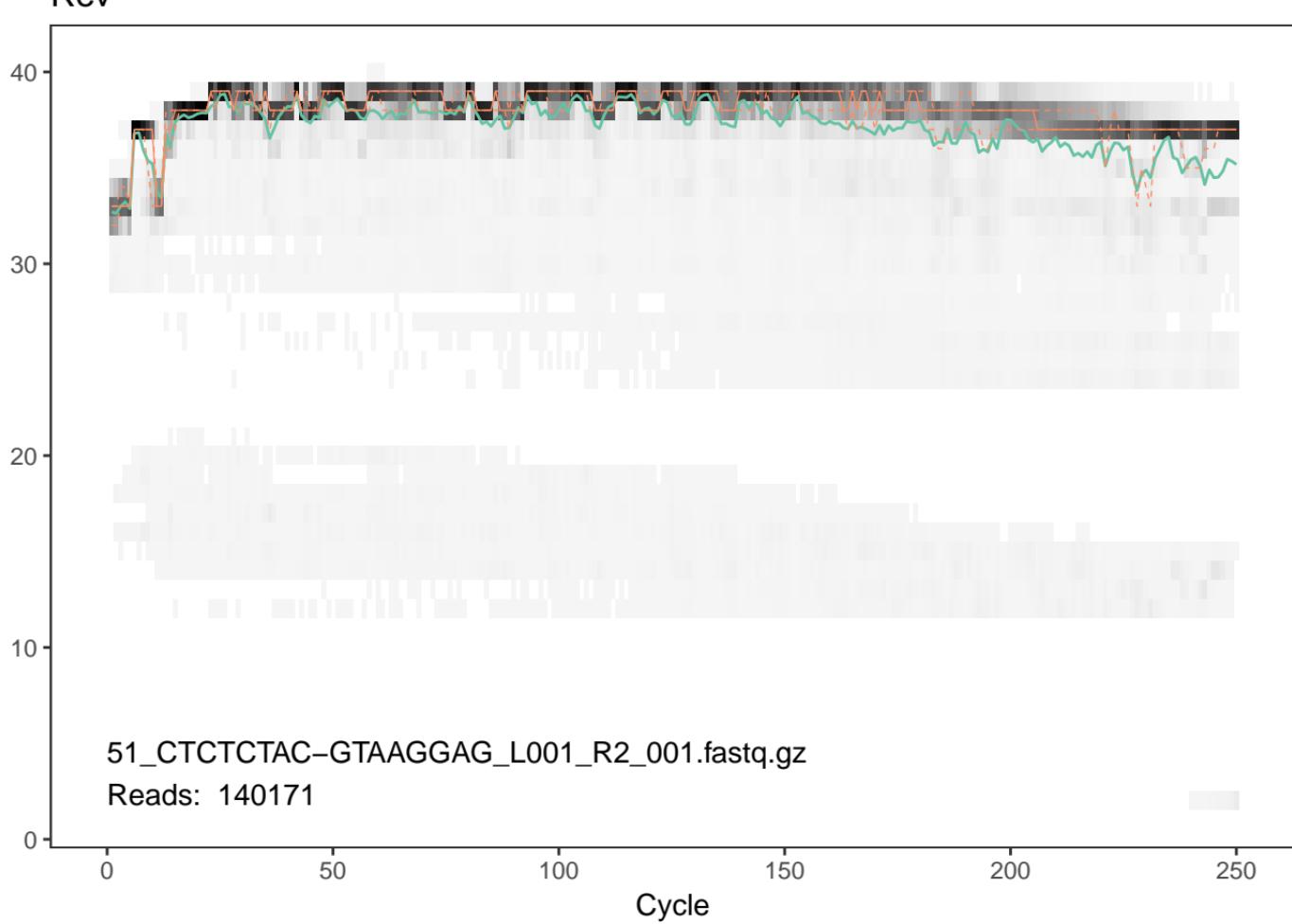
50_CTCCTAC-TATCCTCT_L001_R2_001.fastq.gz

Reads: 199519



Rev

Quality Score



Rev

Quality Score

40

30

20

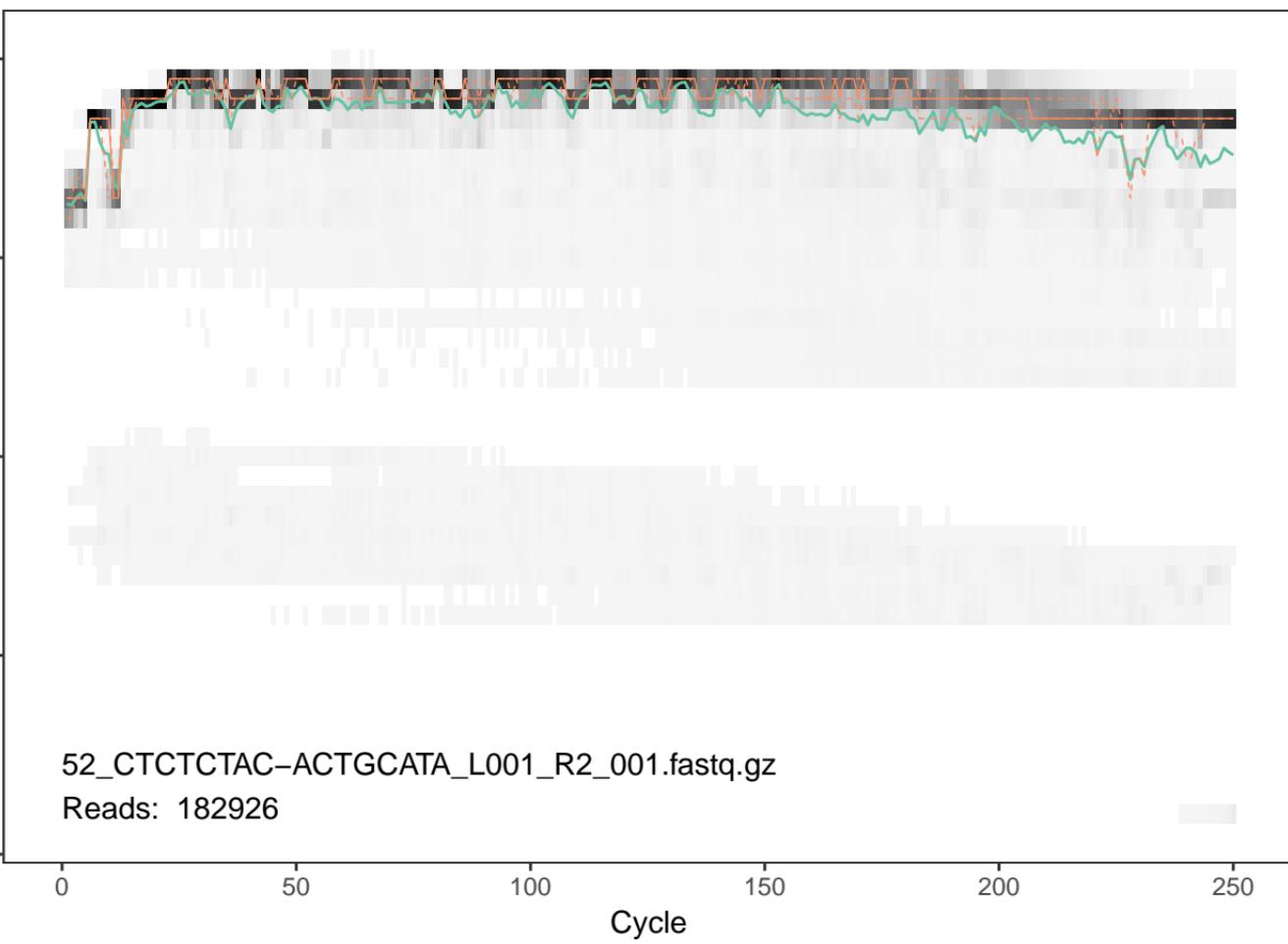
10

0

Cycle

52_C TCTCTAC-ACTGCATA_L001_R2_001.fastq.gz

Reads: 182926



Rev

Quality Score

40

30

20

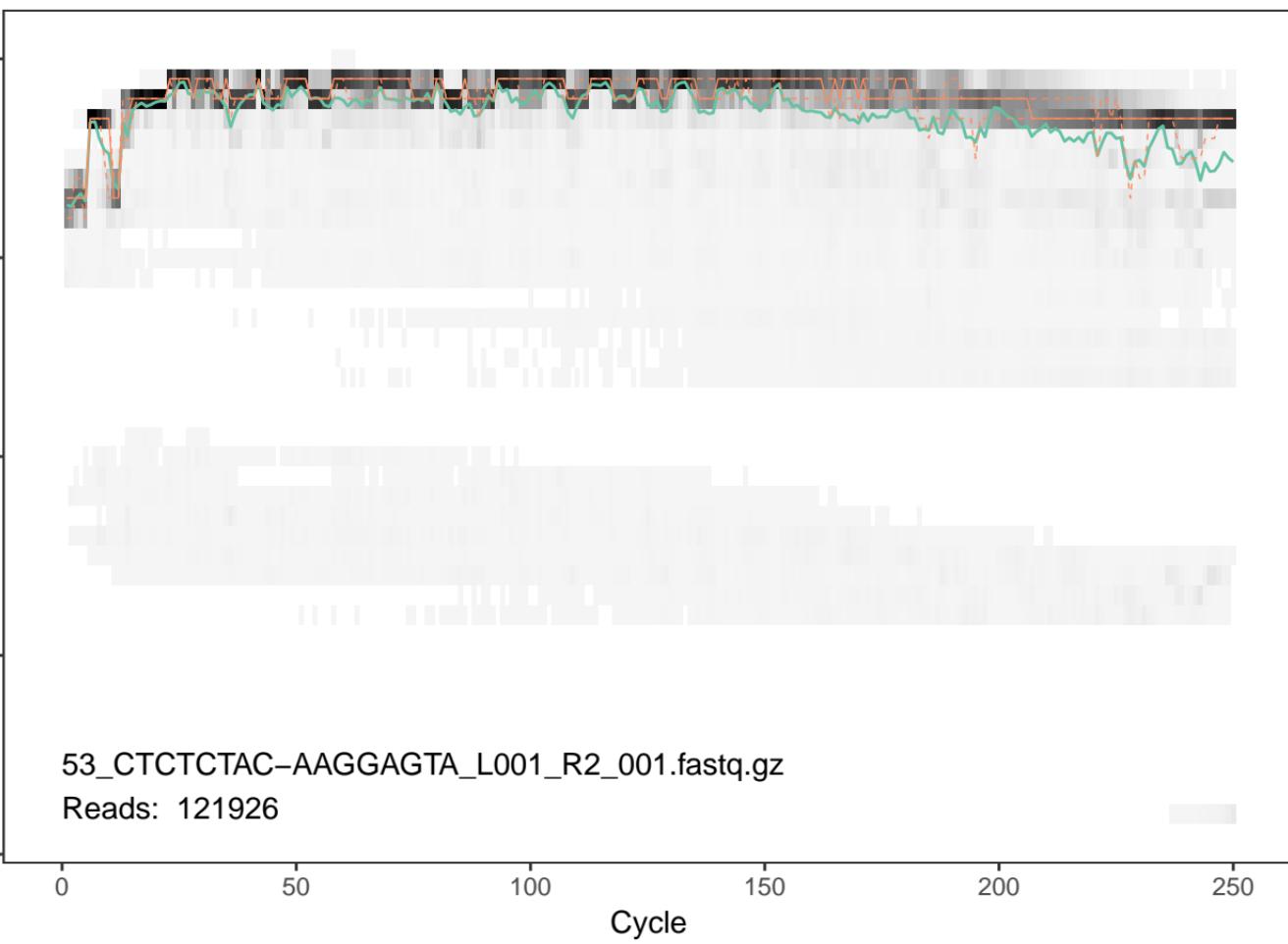
10

0

Cycle

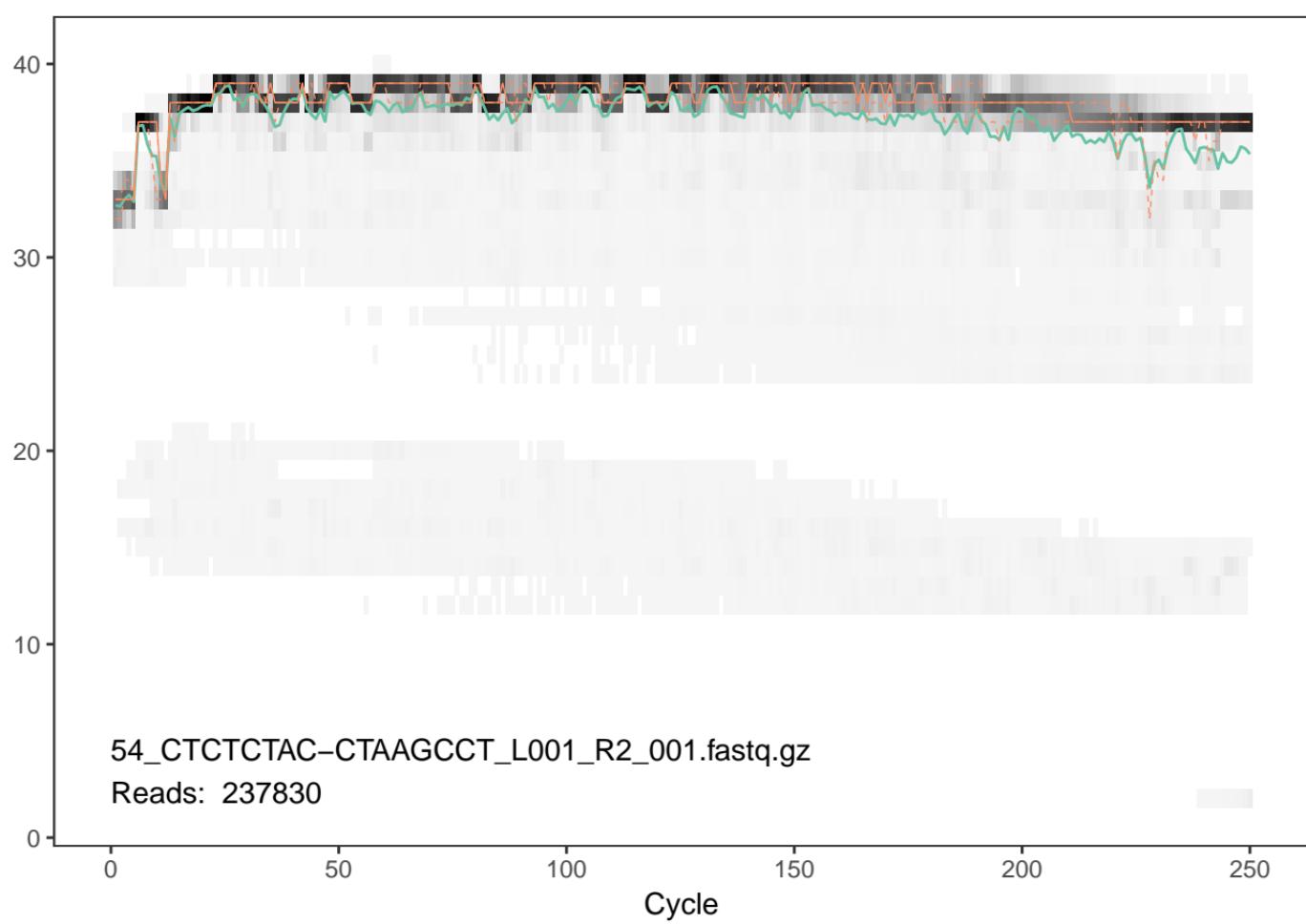
53_C TCTCTAC-AAGGAGTA_L001_R2_001.fastq.gz

Reads: 121926



Rev

Quality Score



Rev

Quality Score

40

30

20

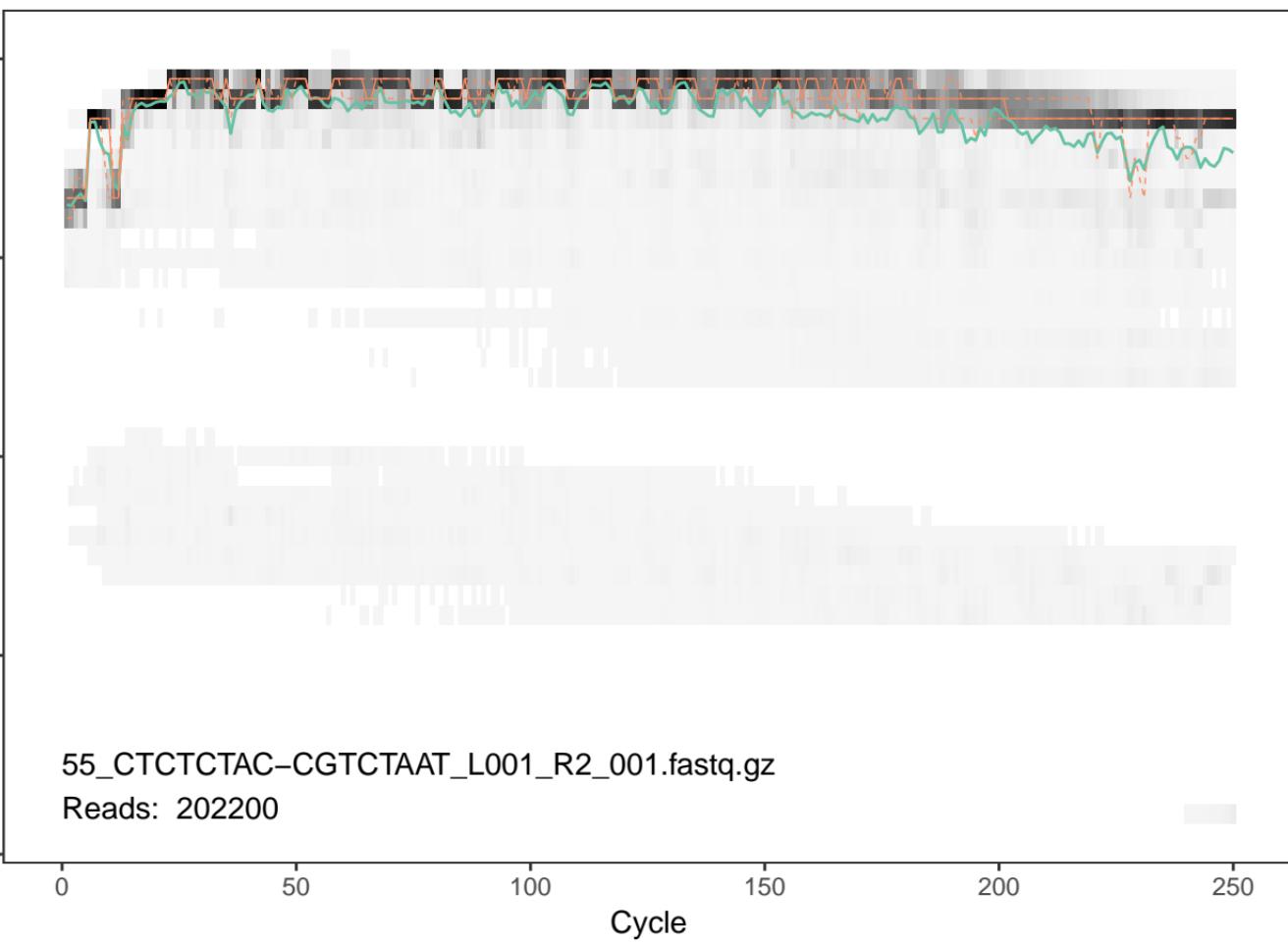
10

0

Cycle

55_C TCTCTAC-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 202200



Rev

Quality Score

40

30

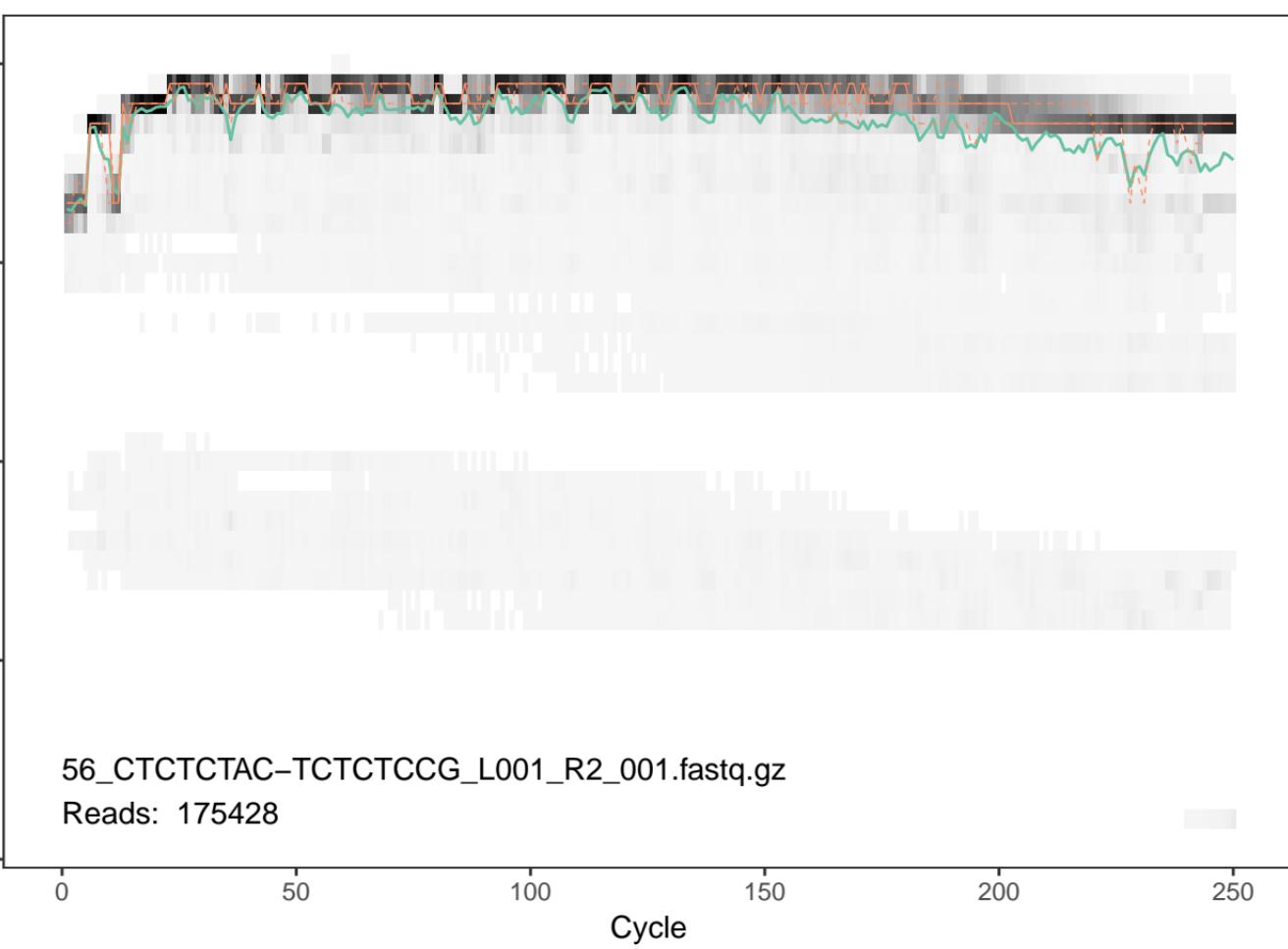
20

10

0

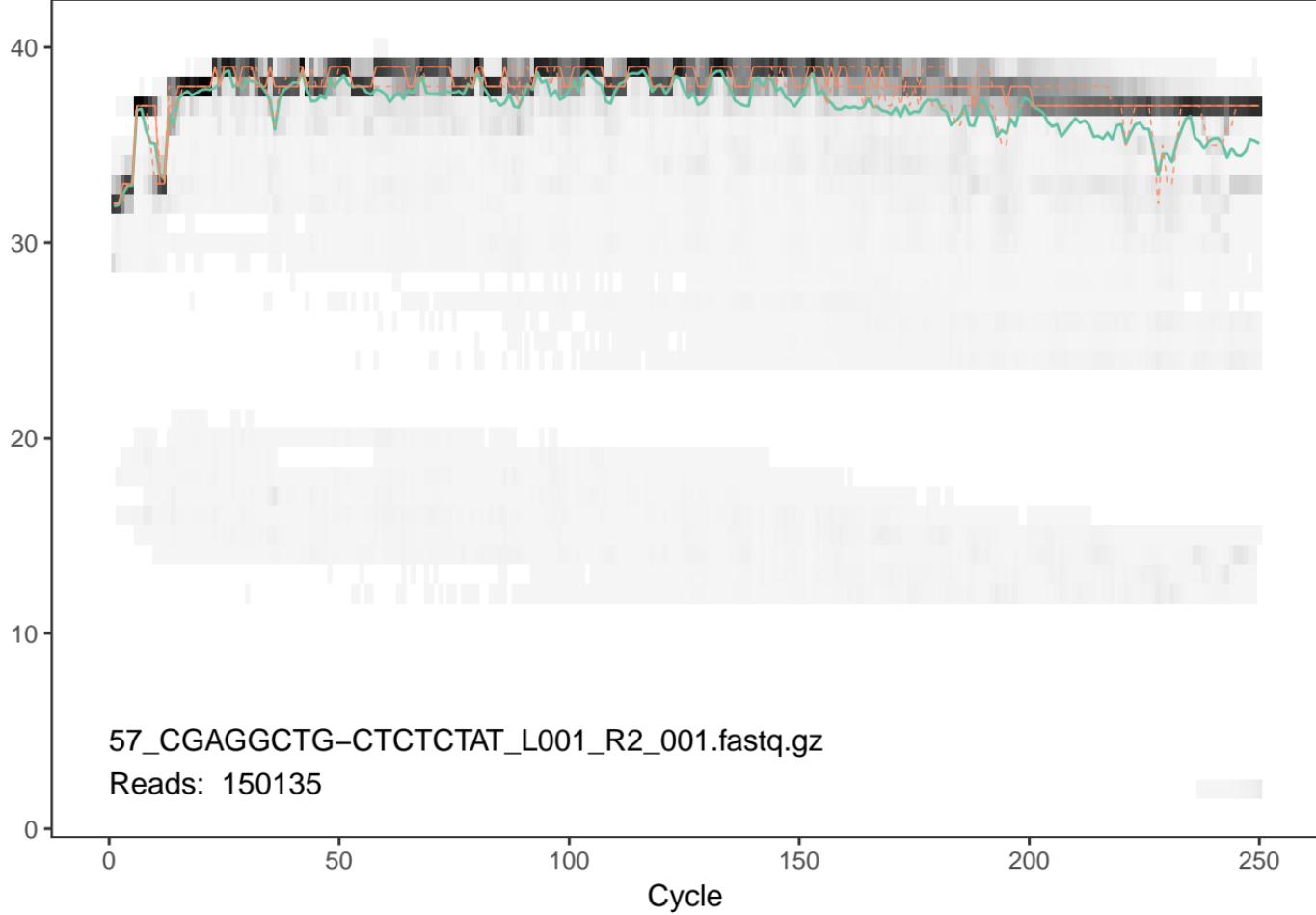
Cycle

56_C TCTCTAC-TCTCTCCG_L001_R2_001.fastq.gz
Reads: 175428



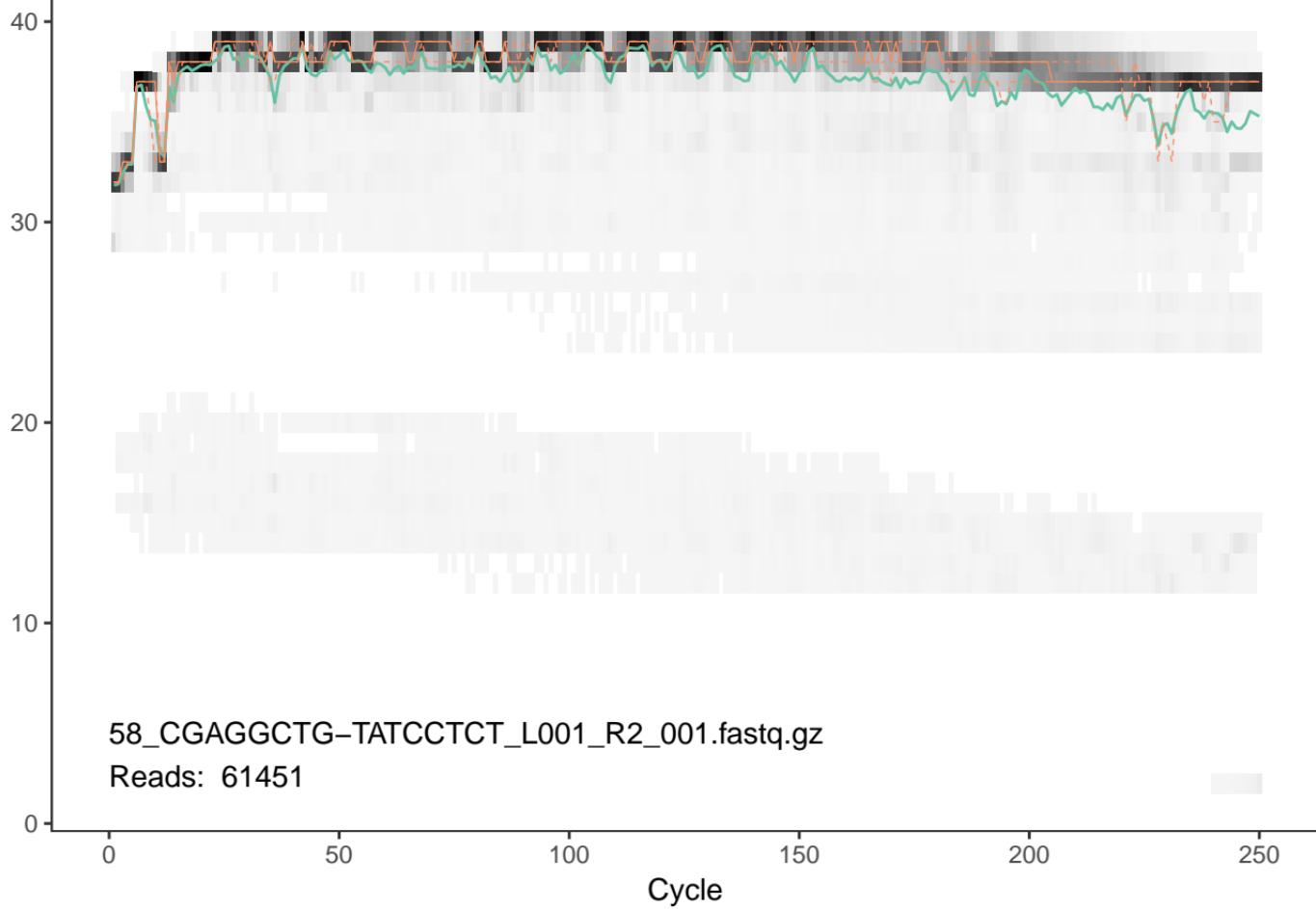
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

59_CGAGGCTG-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 103606

0

50

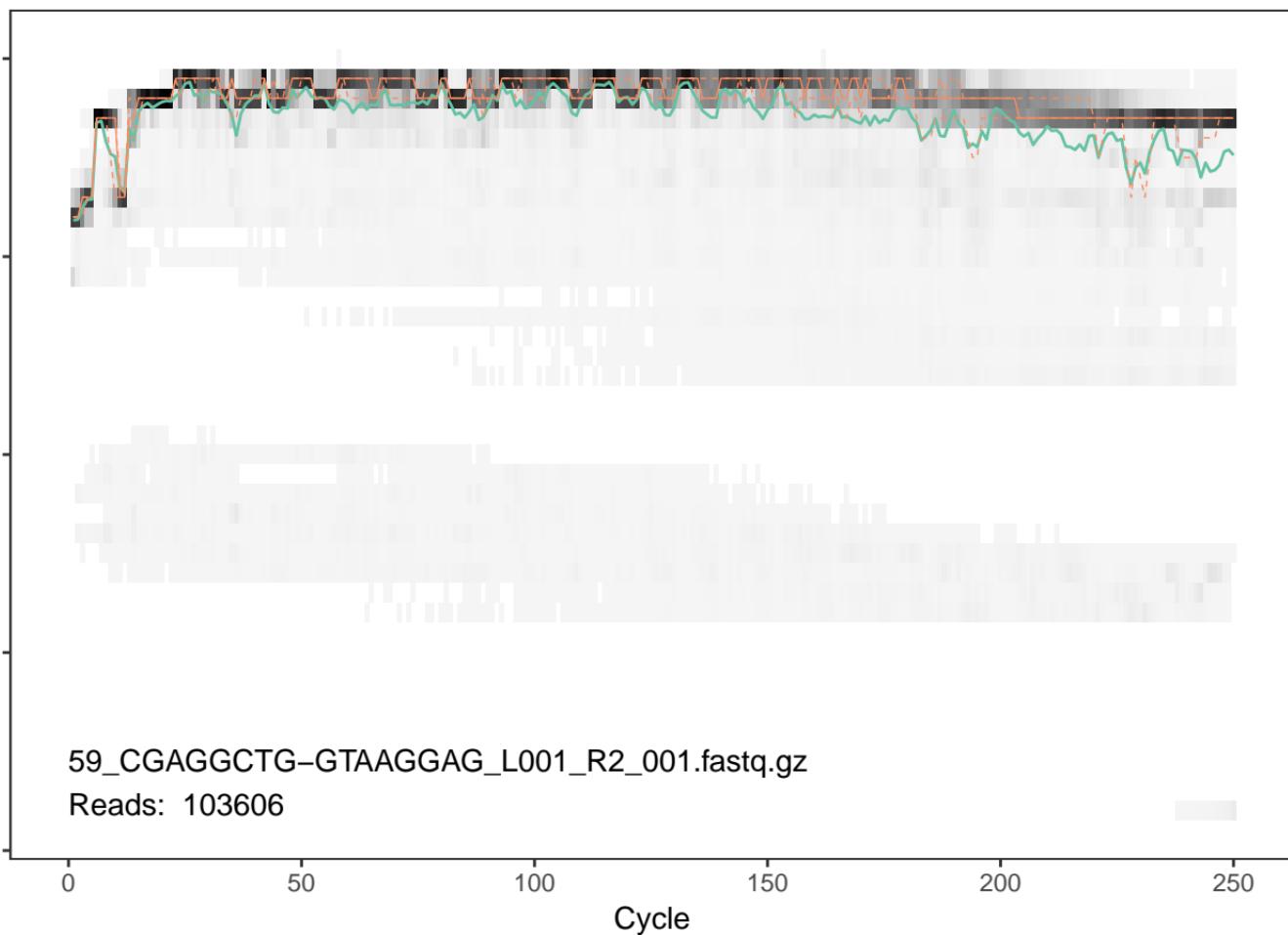
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

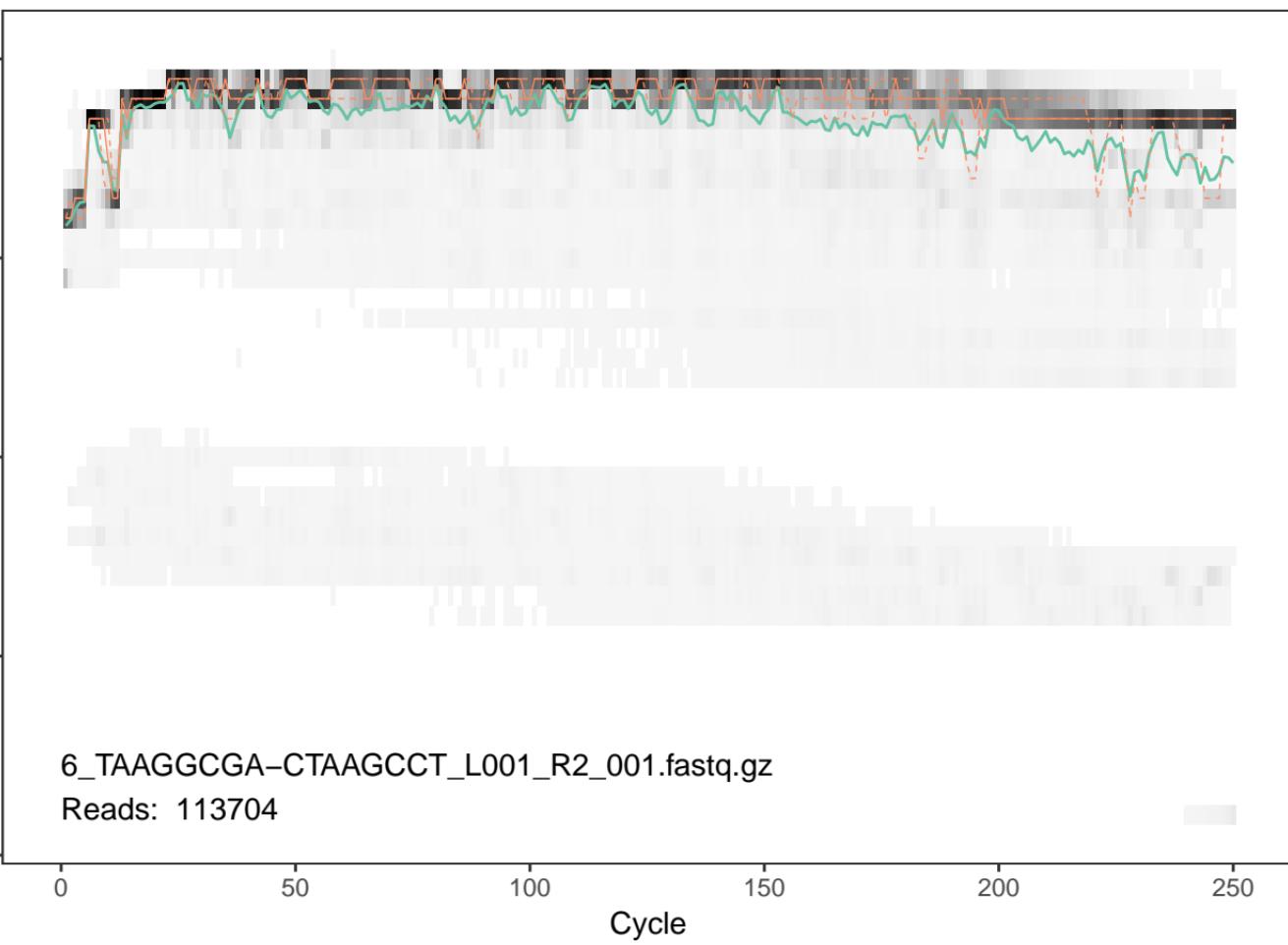
10

0

Cycle

6_TAAGGCGA-CTAACGCCT_L001_R2_001.fastq.gz

Reads: 113704



Rev

Quality Score

40

30

20

10

0

60_CGAGGCTG-ACTGCATA_L001_R2_001.fastq.gz

Reads: 145972

Cycle

0

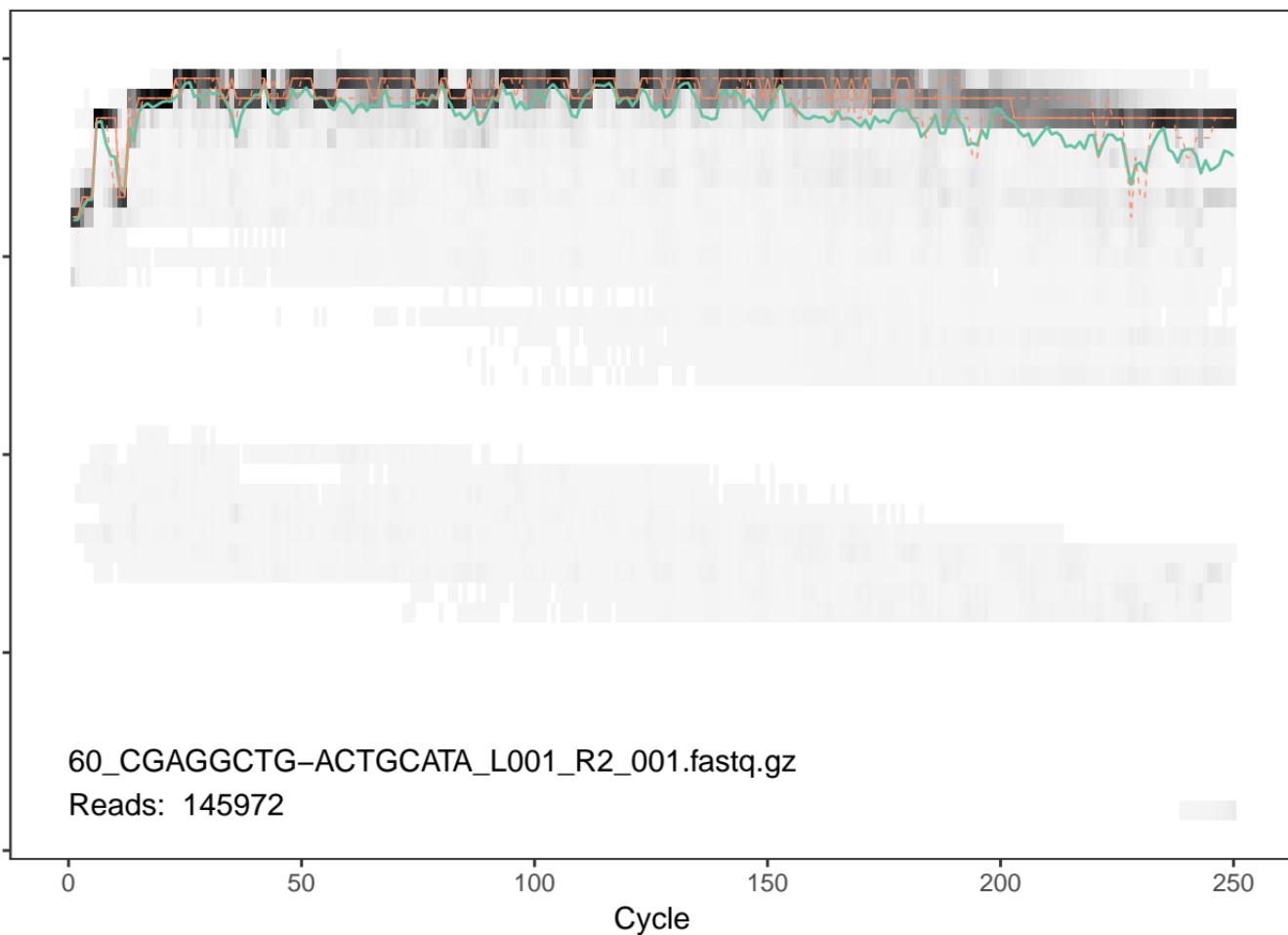
50

100

150

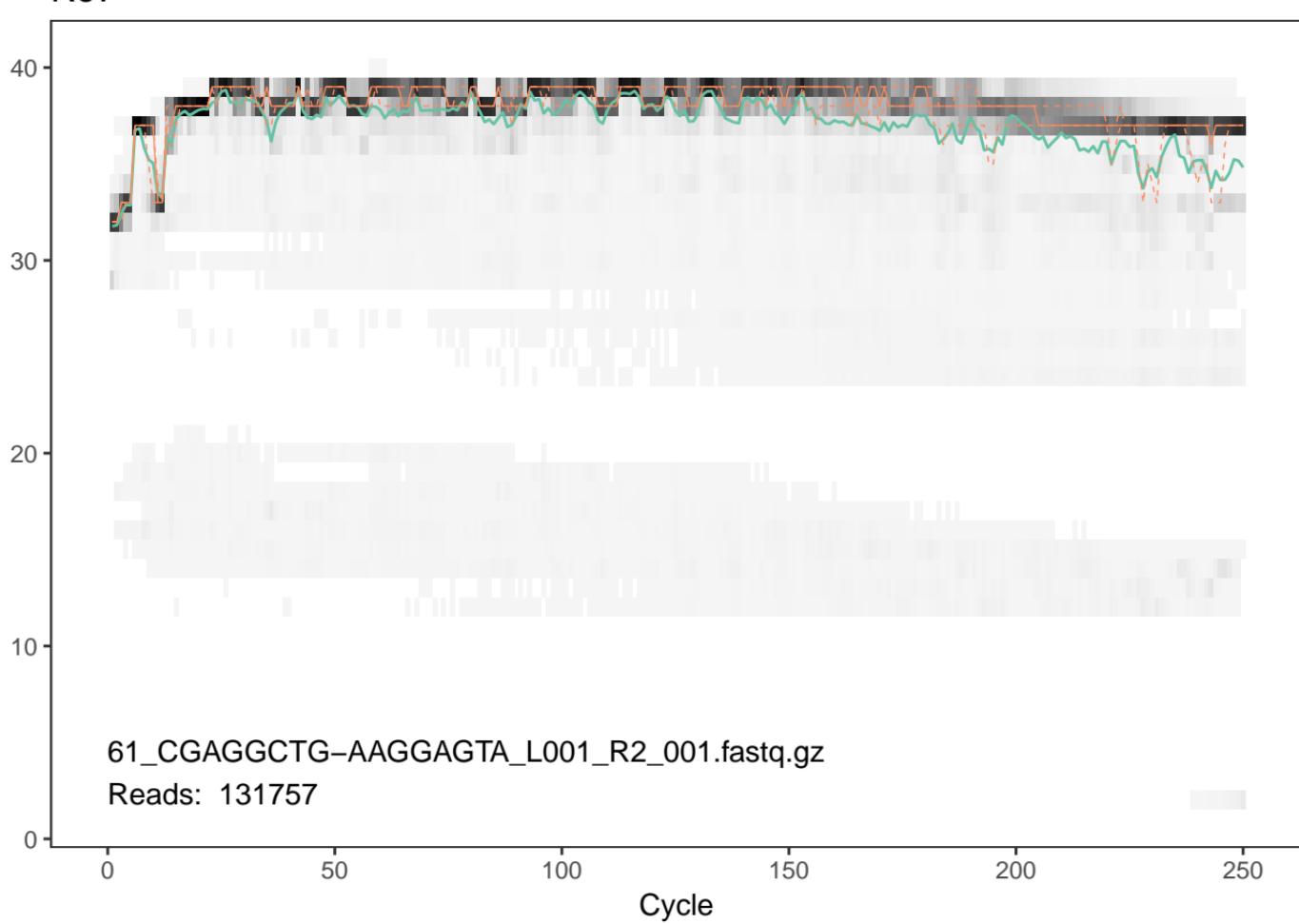
200

250



Rev

Quality Score



Rev

Quality Score

40

30

20

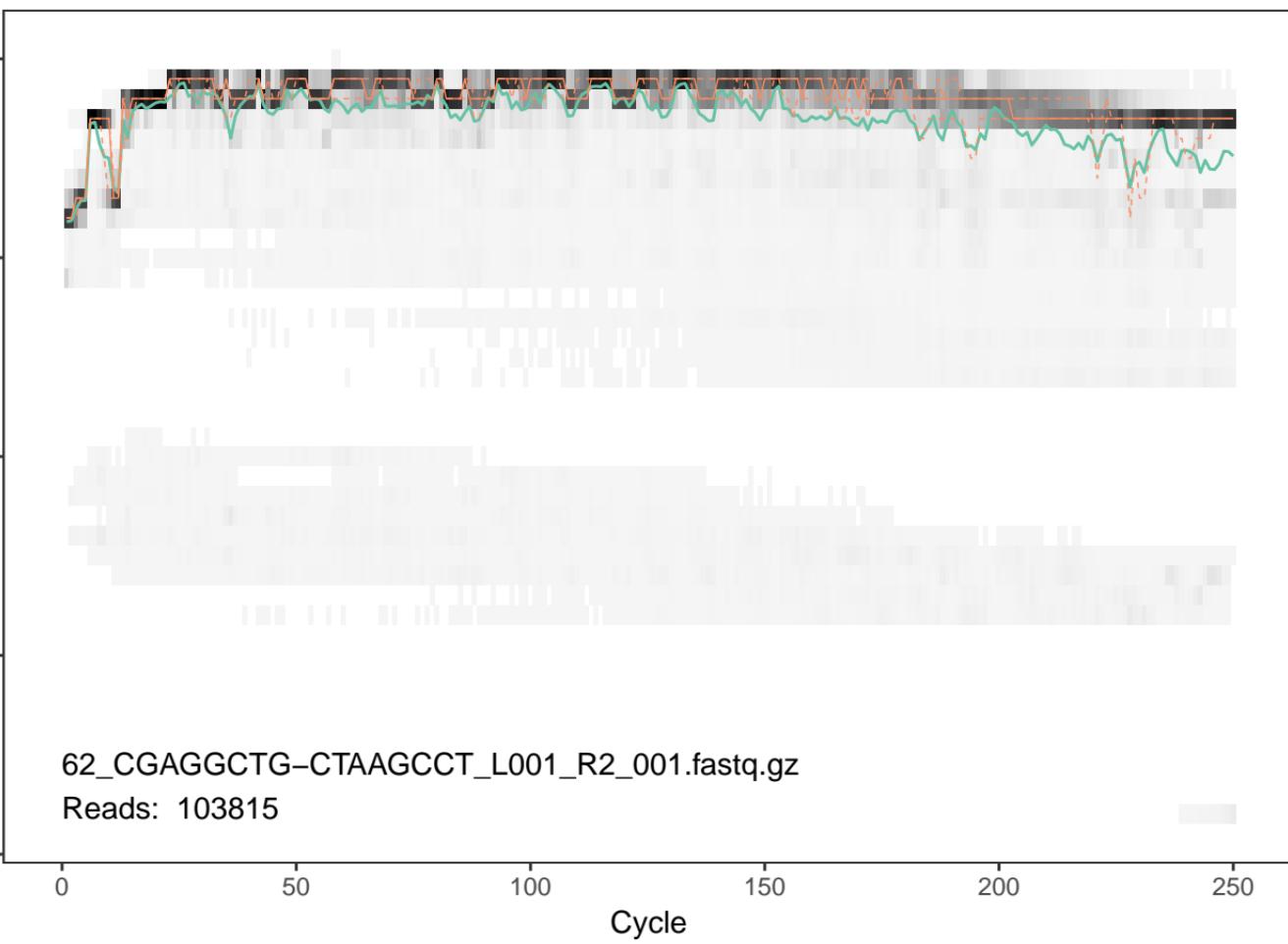
10

0

Cycle

62_CGAGGCTG-CTAAGCCT_L001_R2_001.fastq.gz

Reads: 103815



Rev

Quality Score

40

30

20

10

0

50

100

150

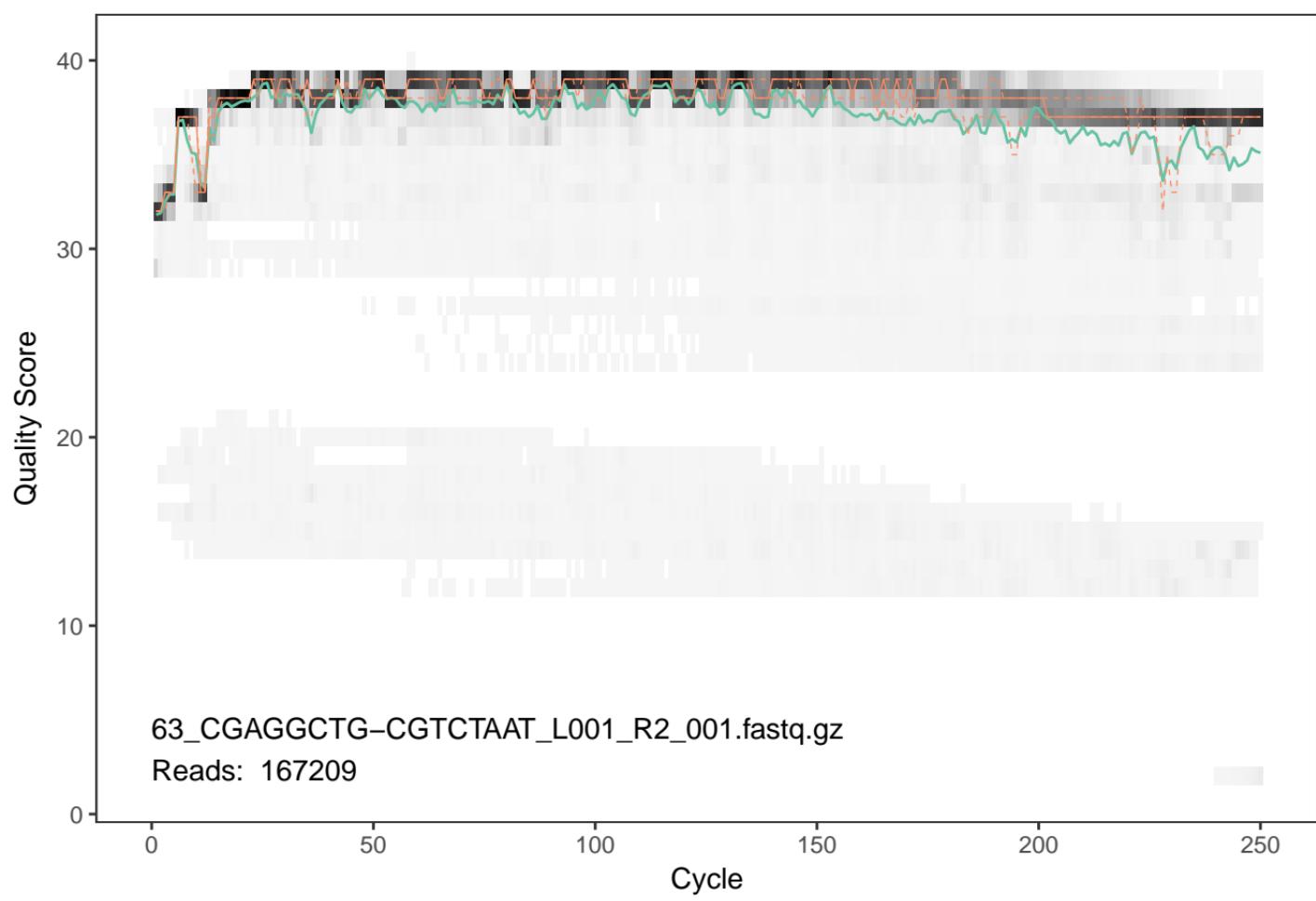
200

250

Cycle

63_CGAGGCTG-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 167209



Rev

Quality Score

40

30

20

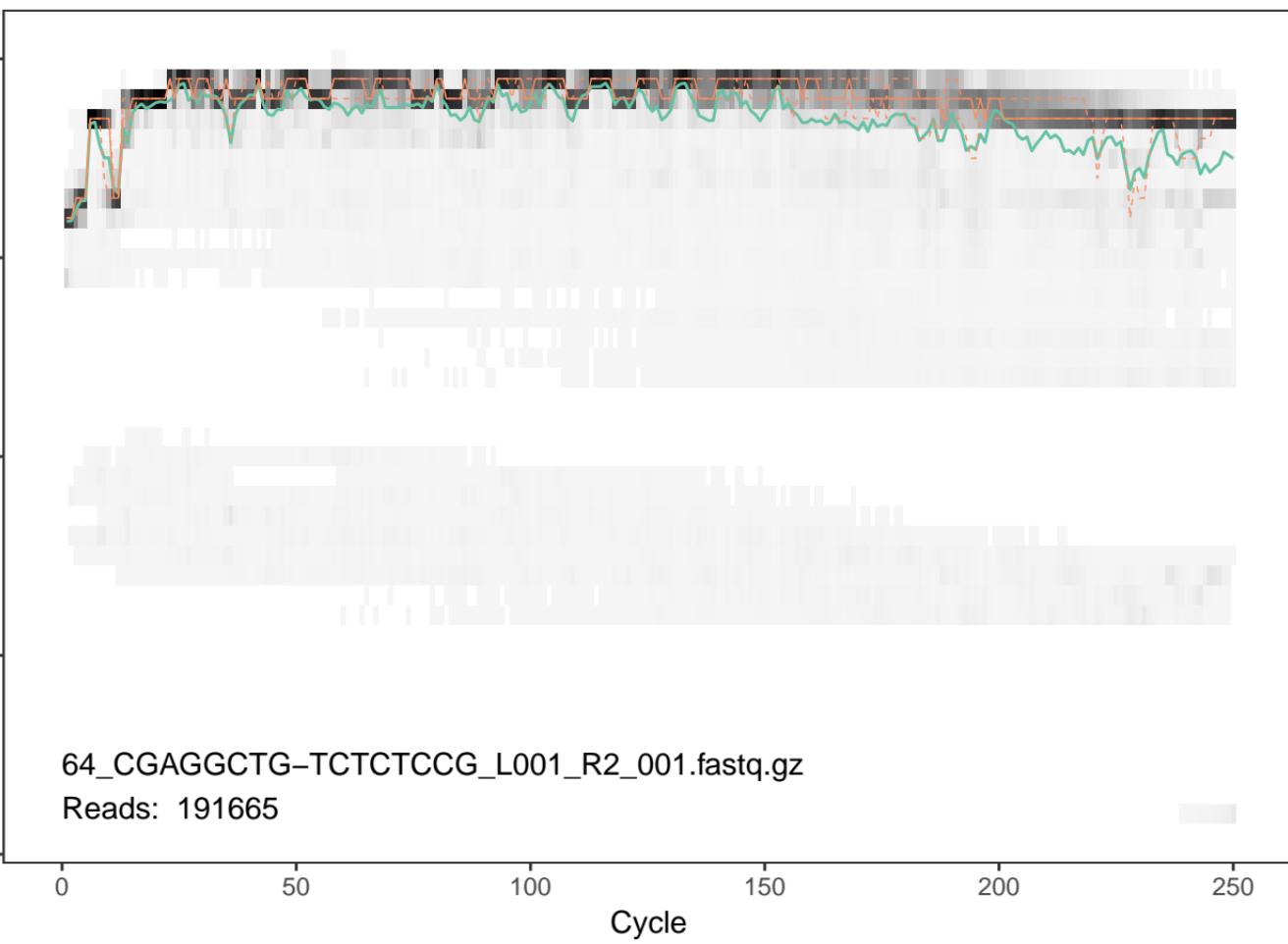
10

0

Cycle

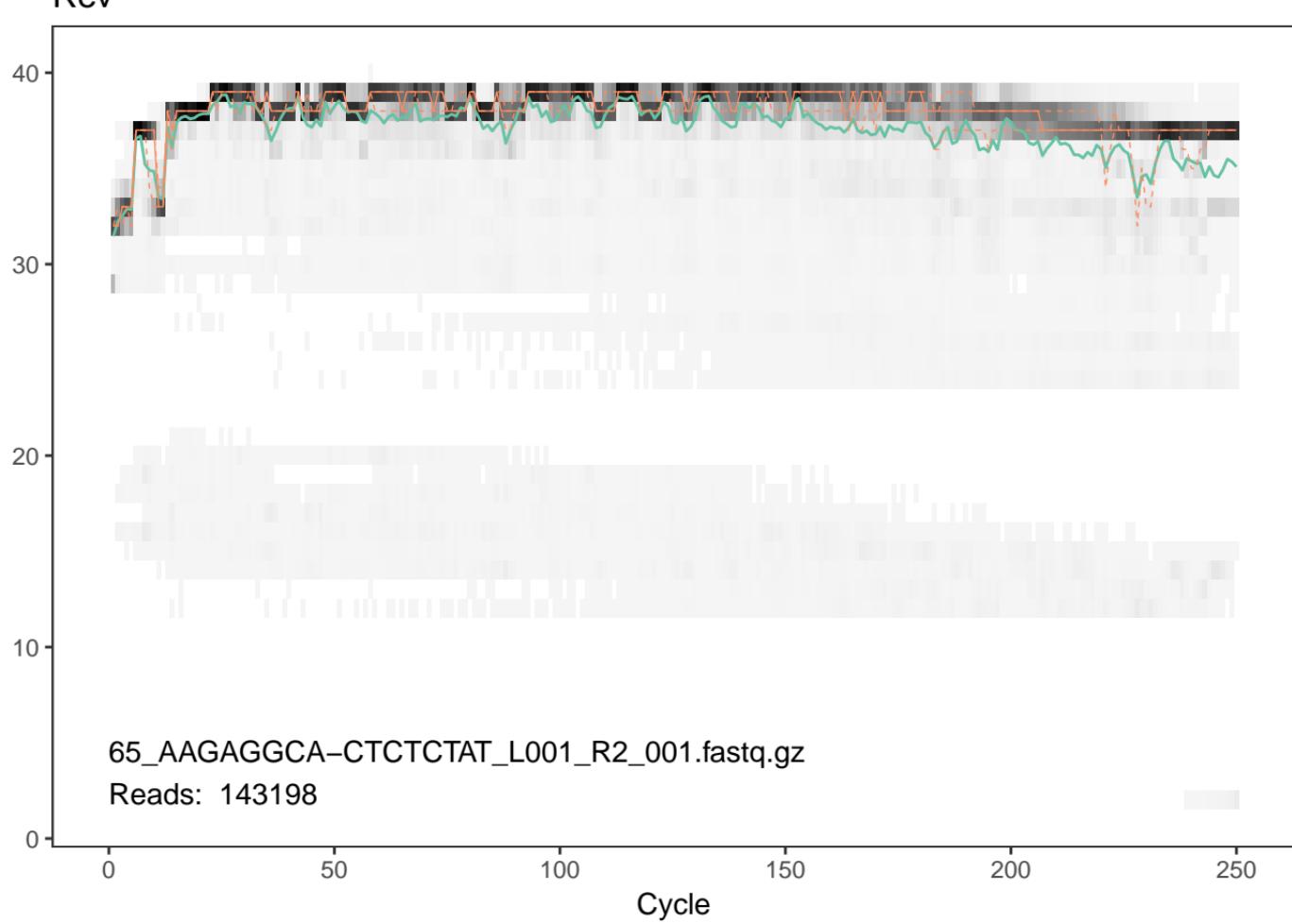
64(CGAGGCTG-TCTCTCCG)_L001_R2_001.fastq.gz

Reads: 191665



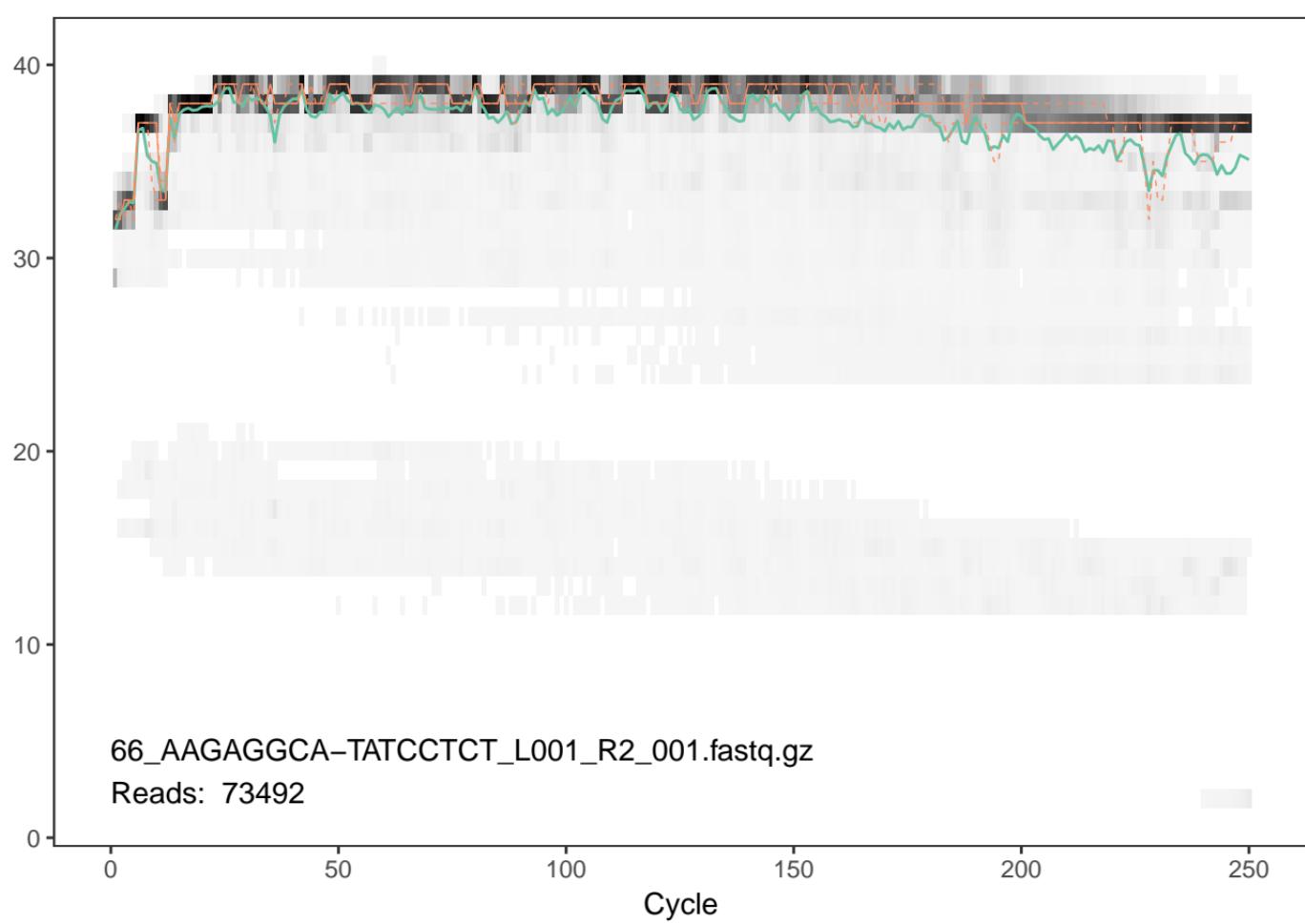
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

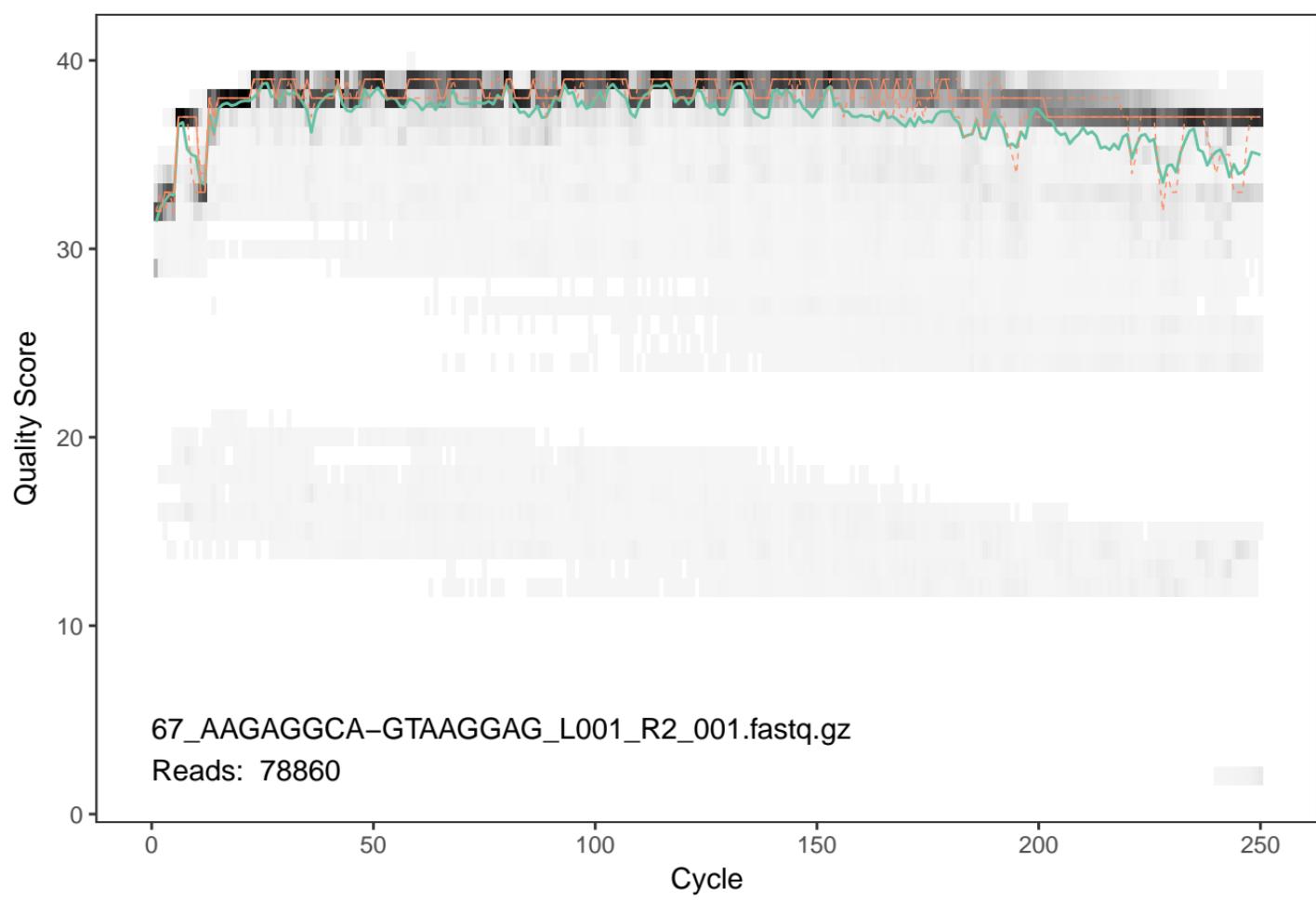
200

250

Cycle

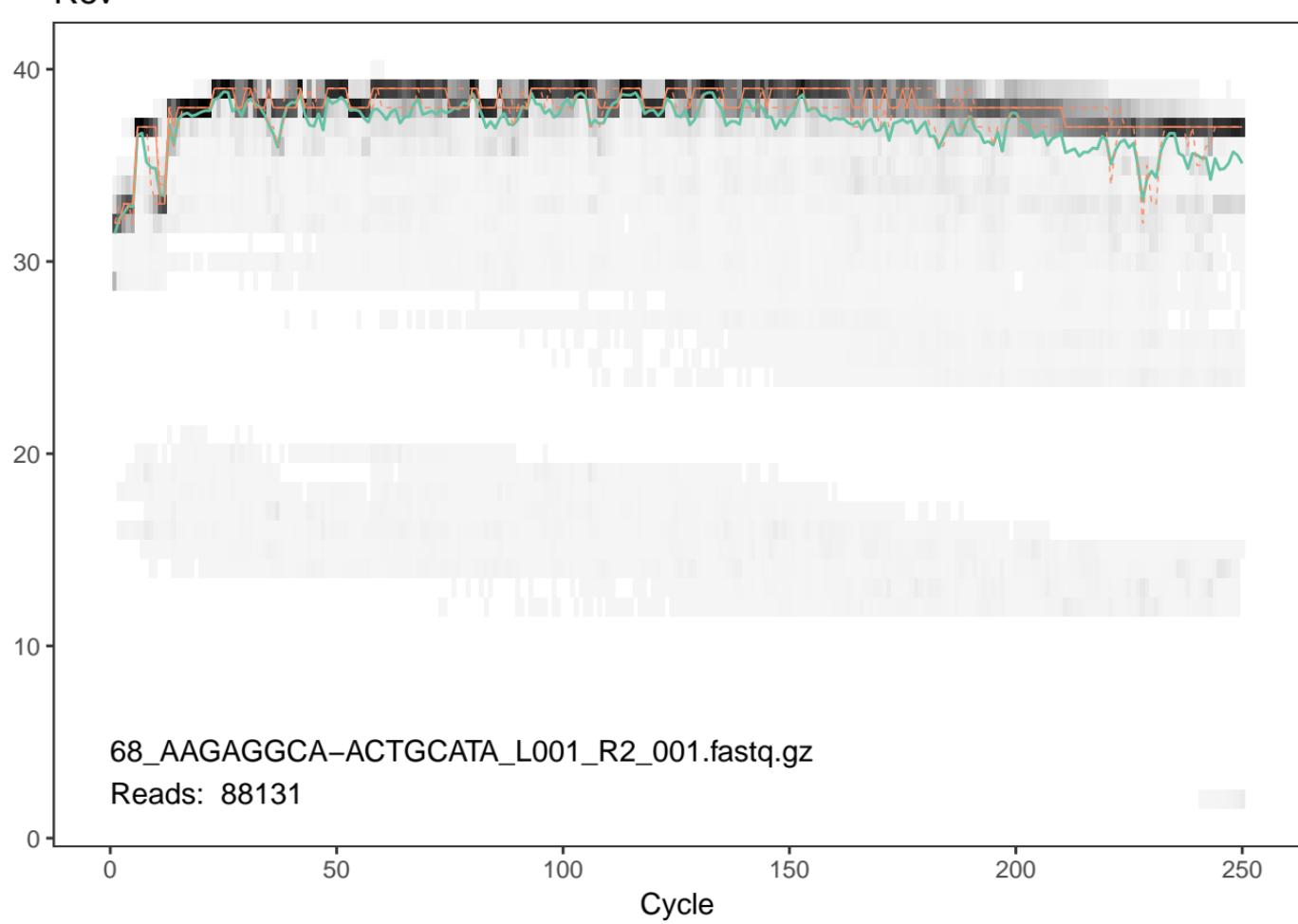
67_AAGAGGCA-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 78860



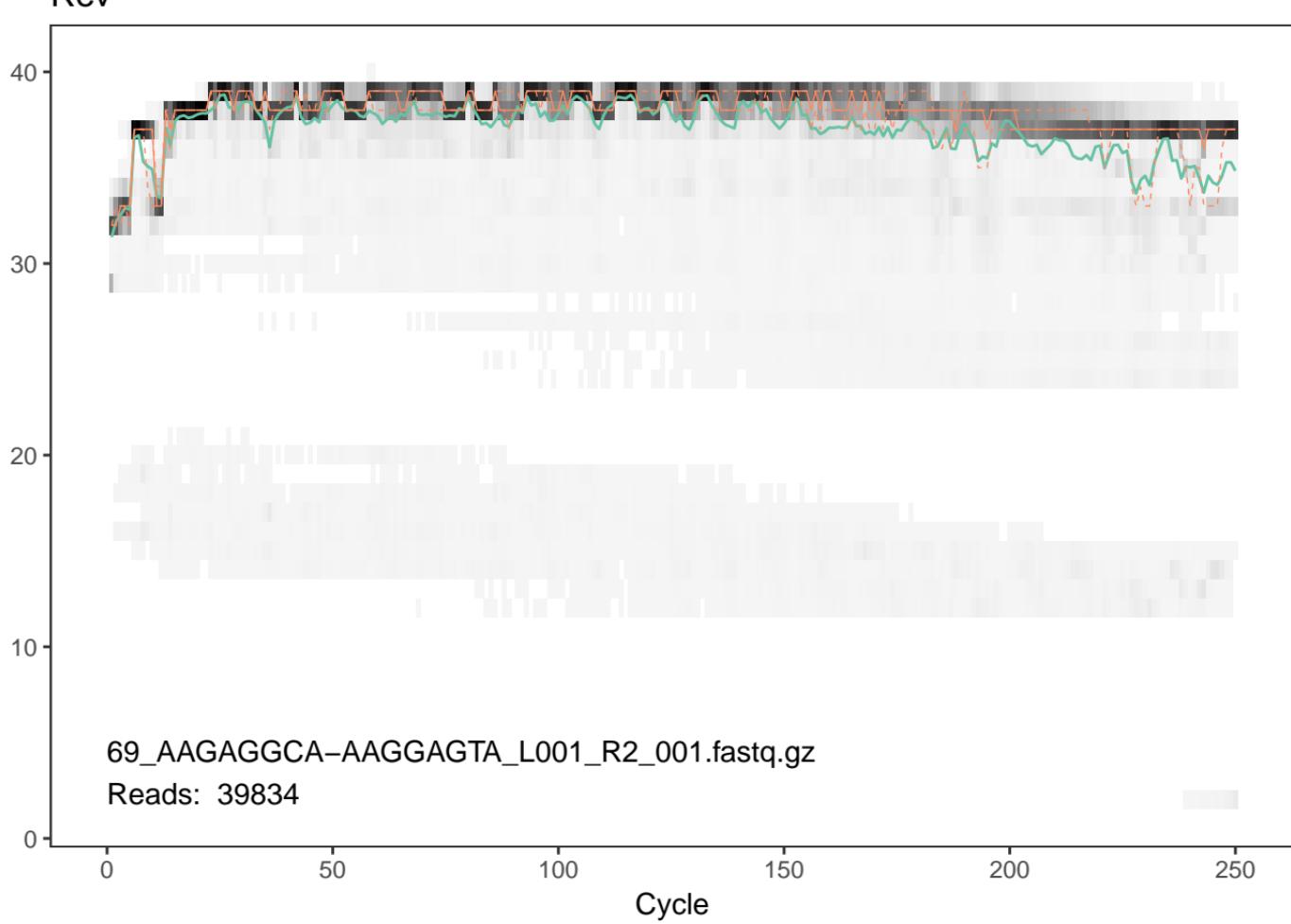
Rev

Quality Score



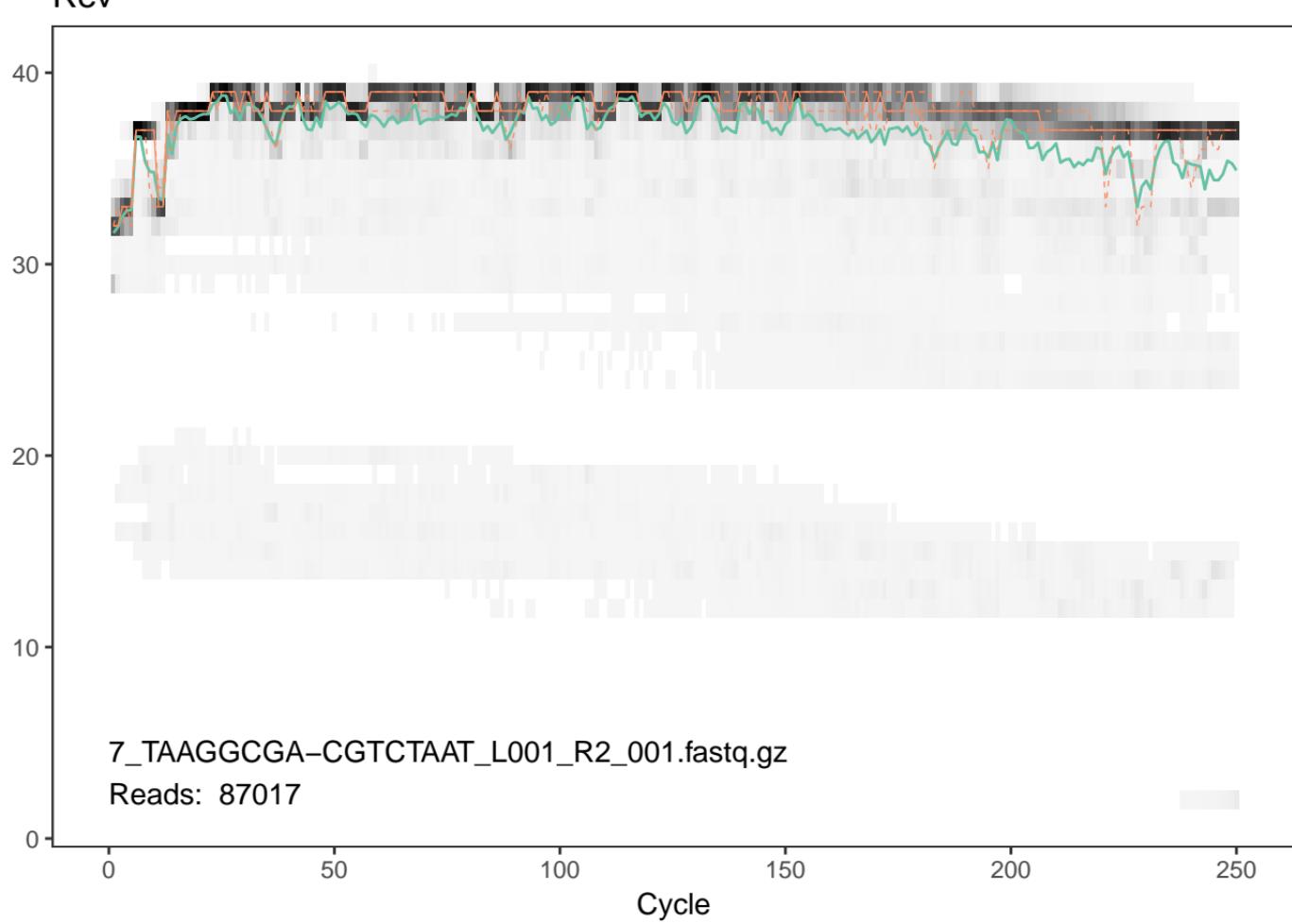
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

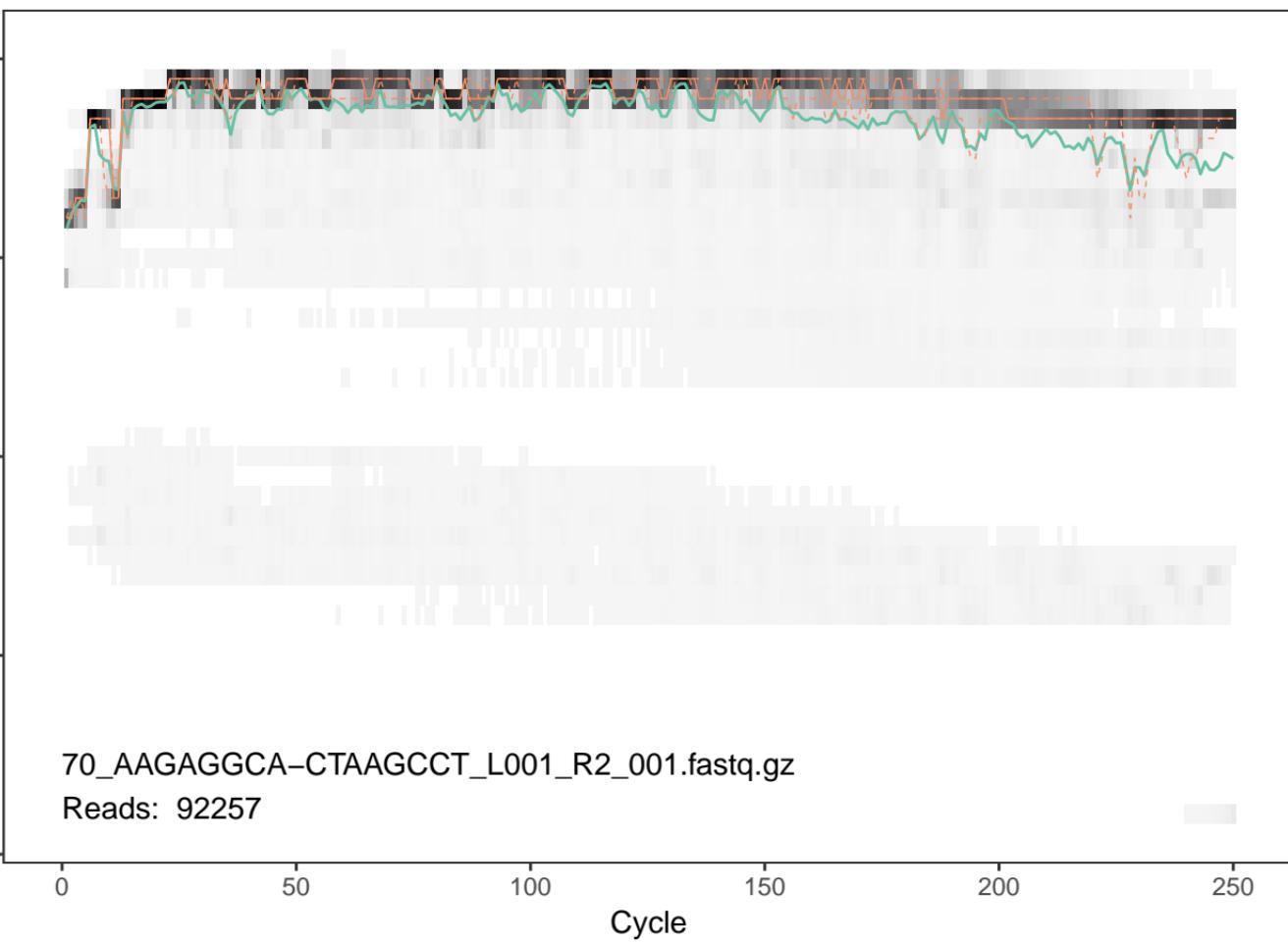
10

0

Cycle

70_AAGAGGCA-CTAAGCCT_L001_R2_001.fastq.gz

Reads: 92257



Rev

Quality Score

40

30

20

10

0

71_AAGAGGCA-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 100223

0

50

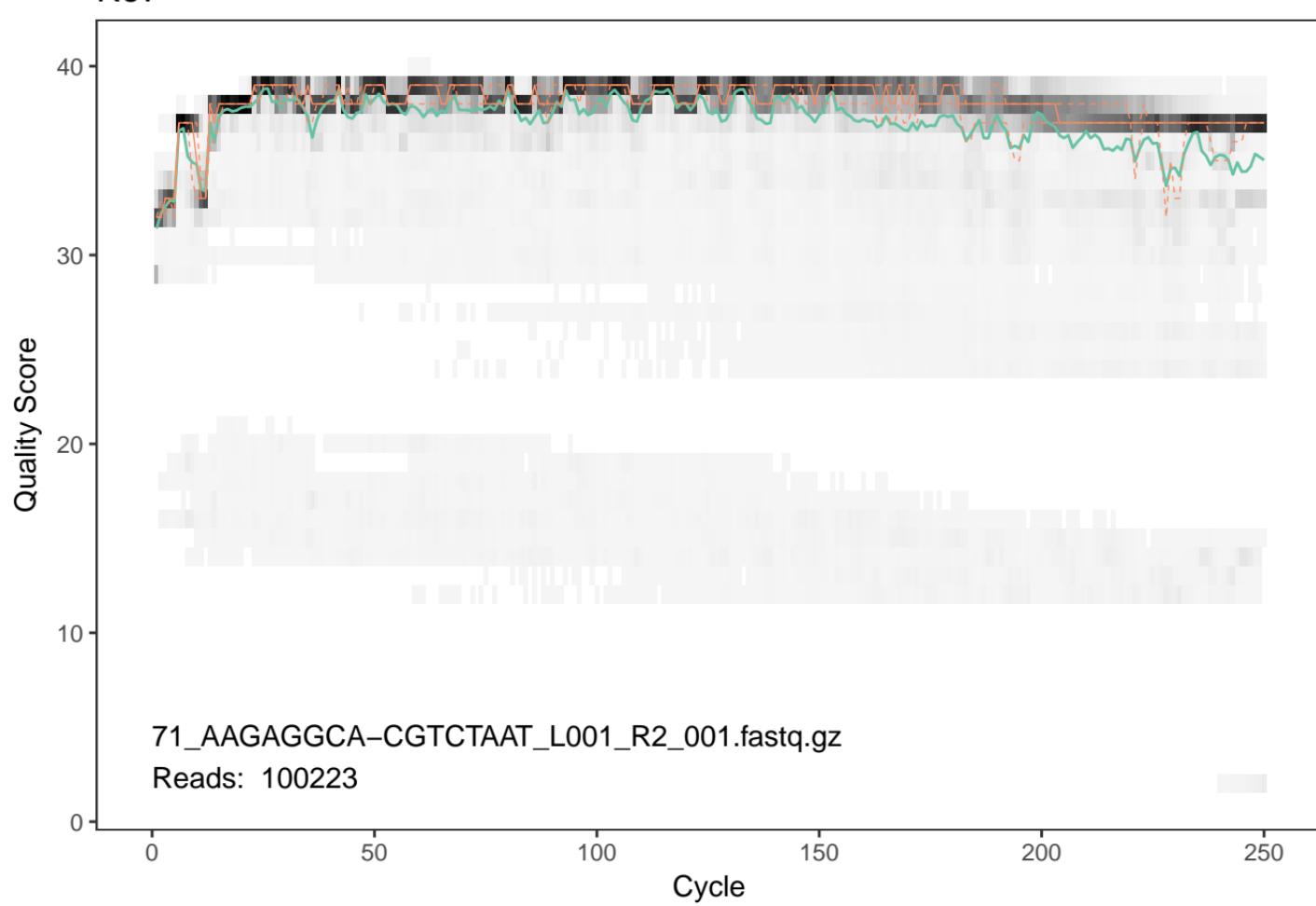
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

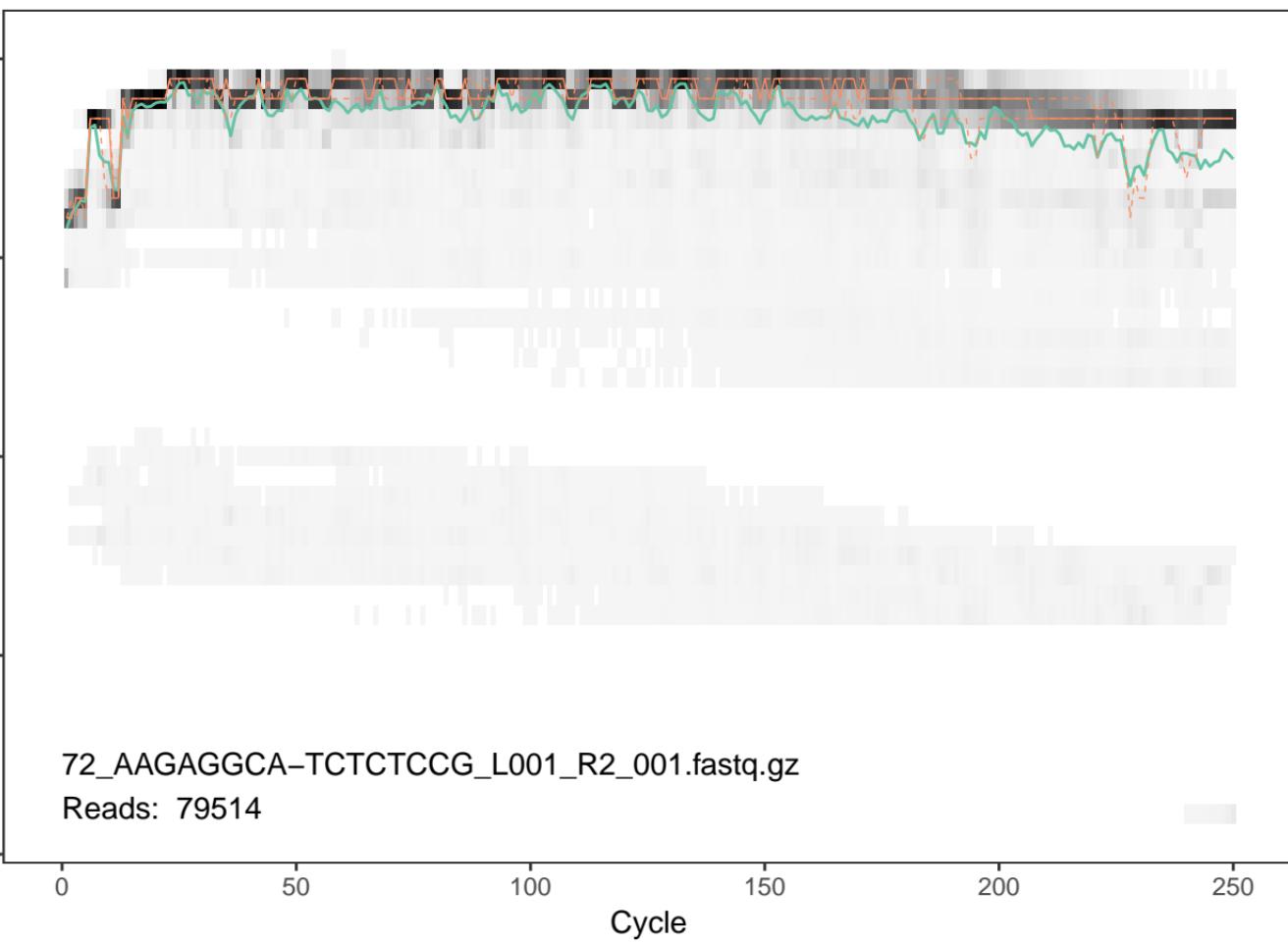
10

0

Cycle

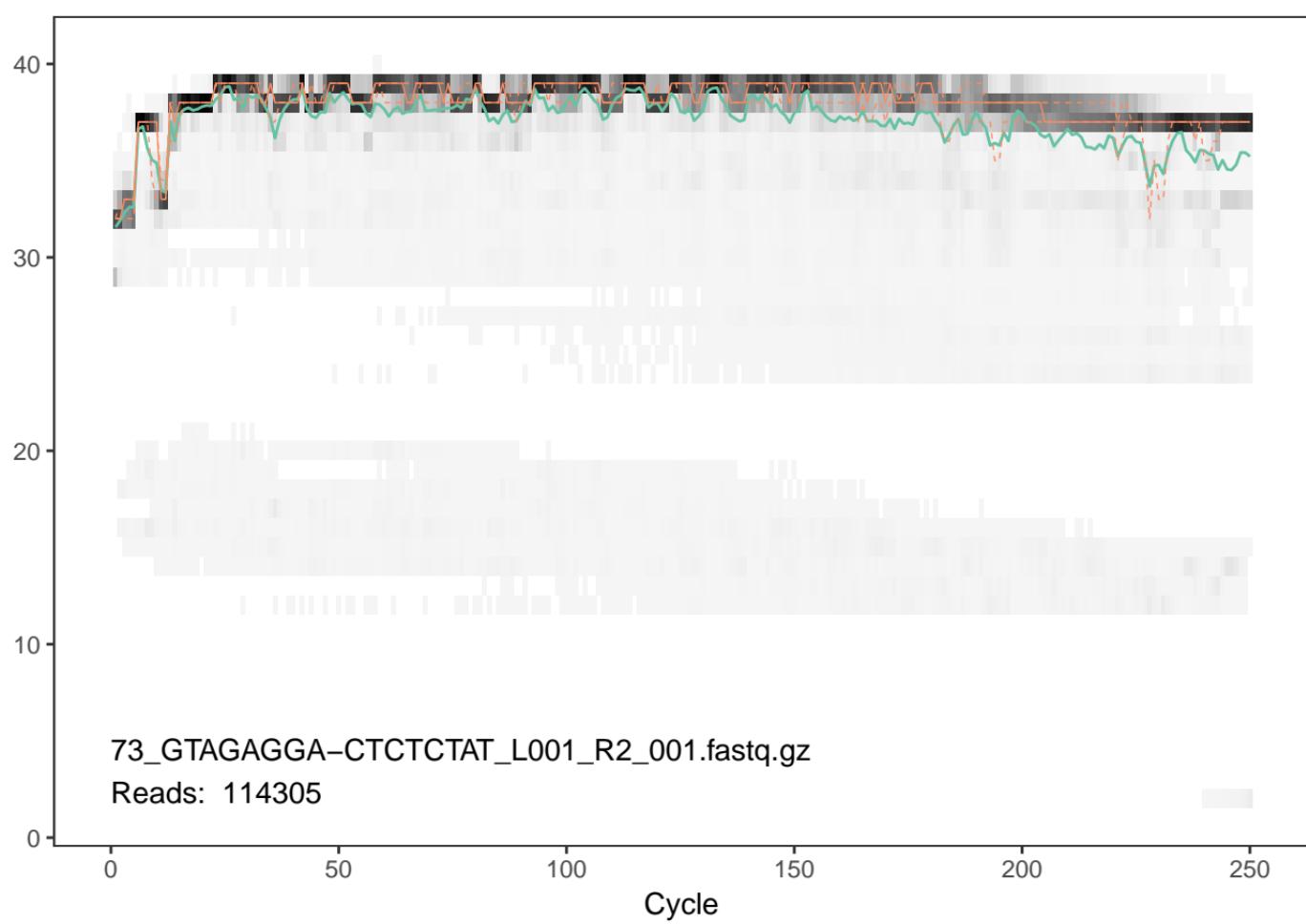
72_AAGAGGCA-TCTCTCCG_L001_R2_001.fastq.gz

Reads: 79514



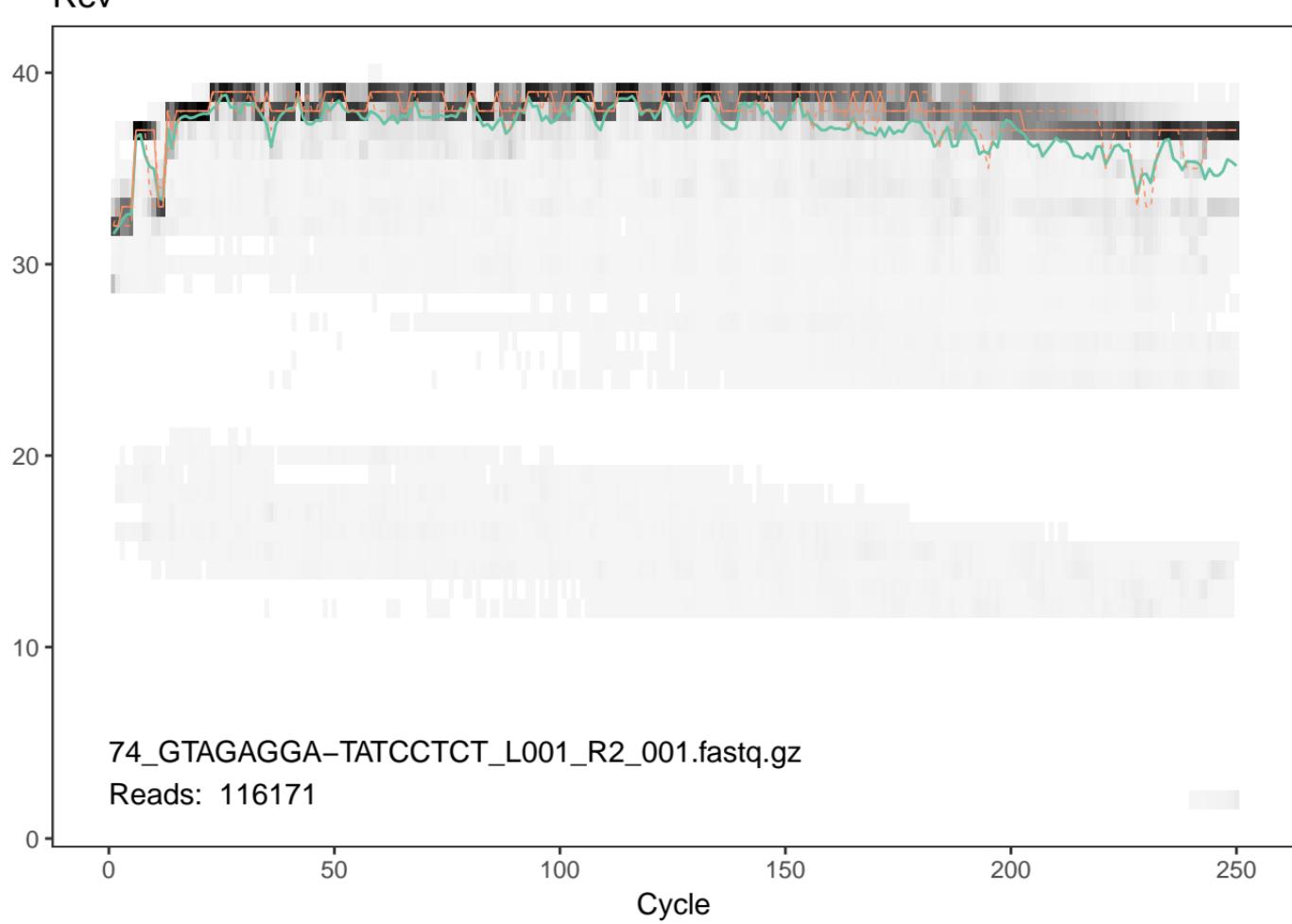
Rev

Quality Score



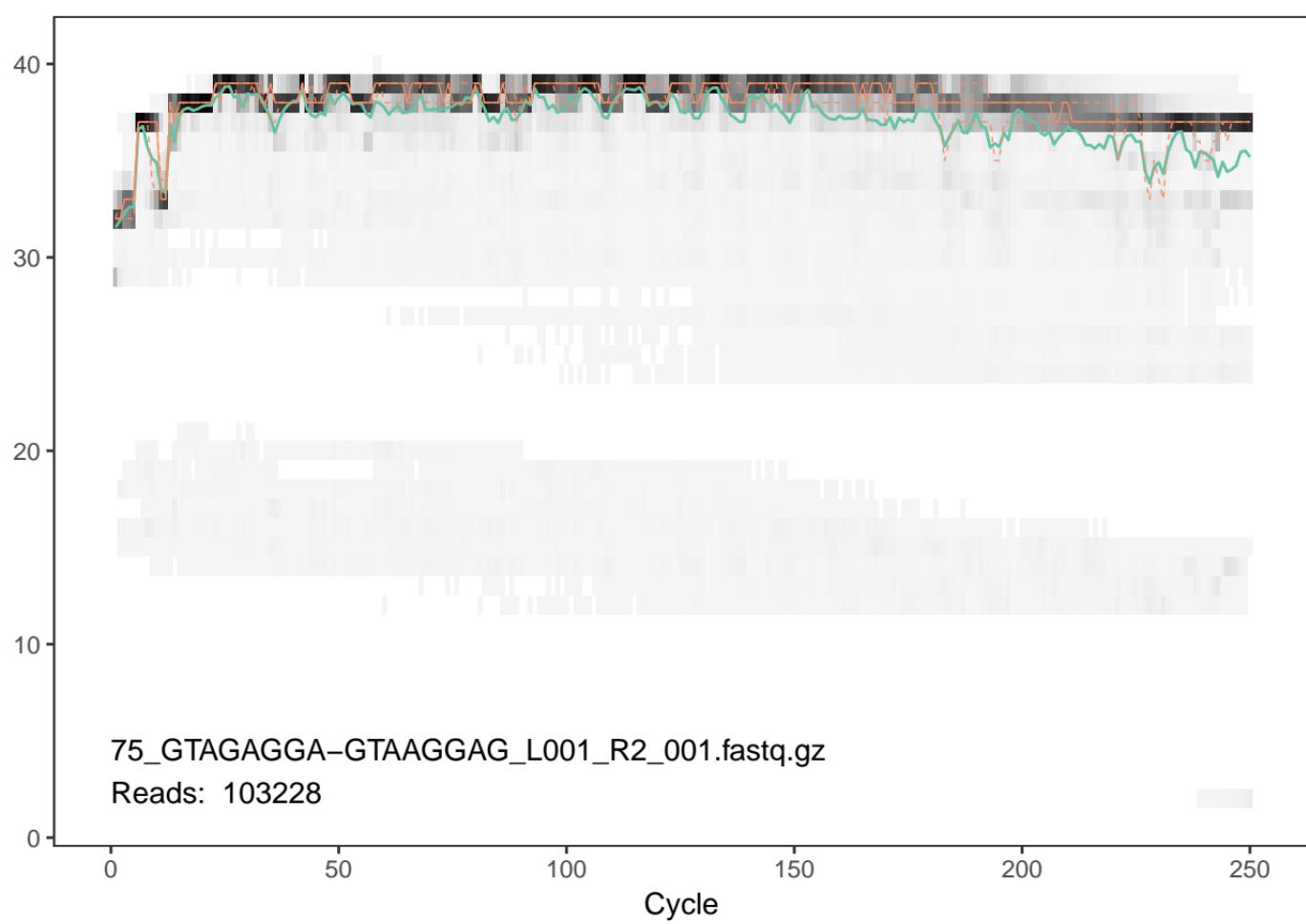
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

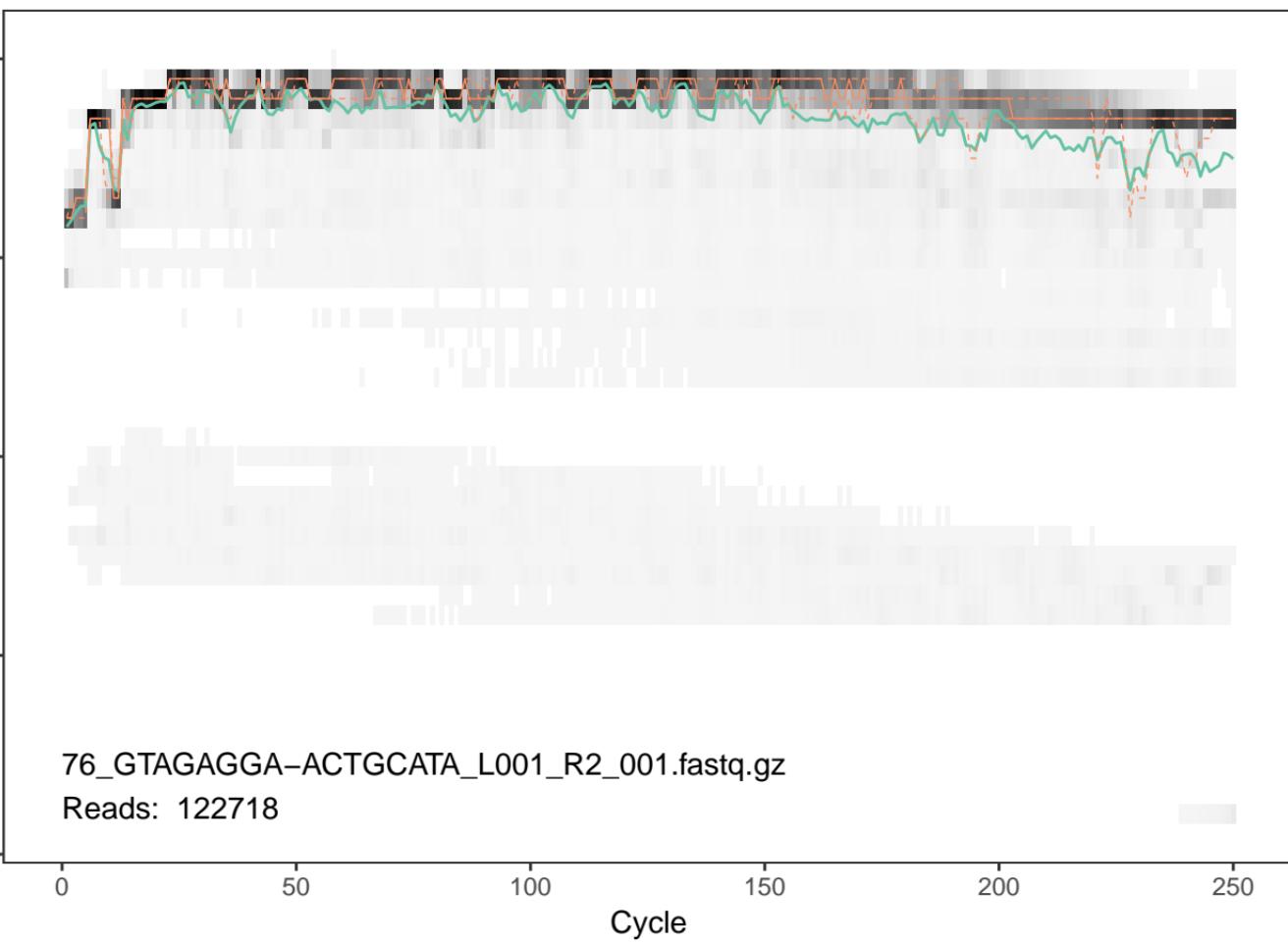
10

0

Cycle

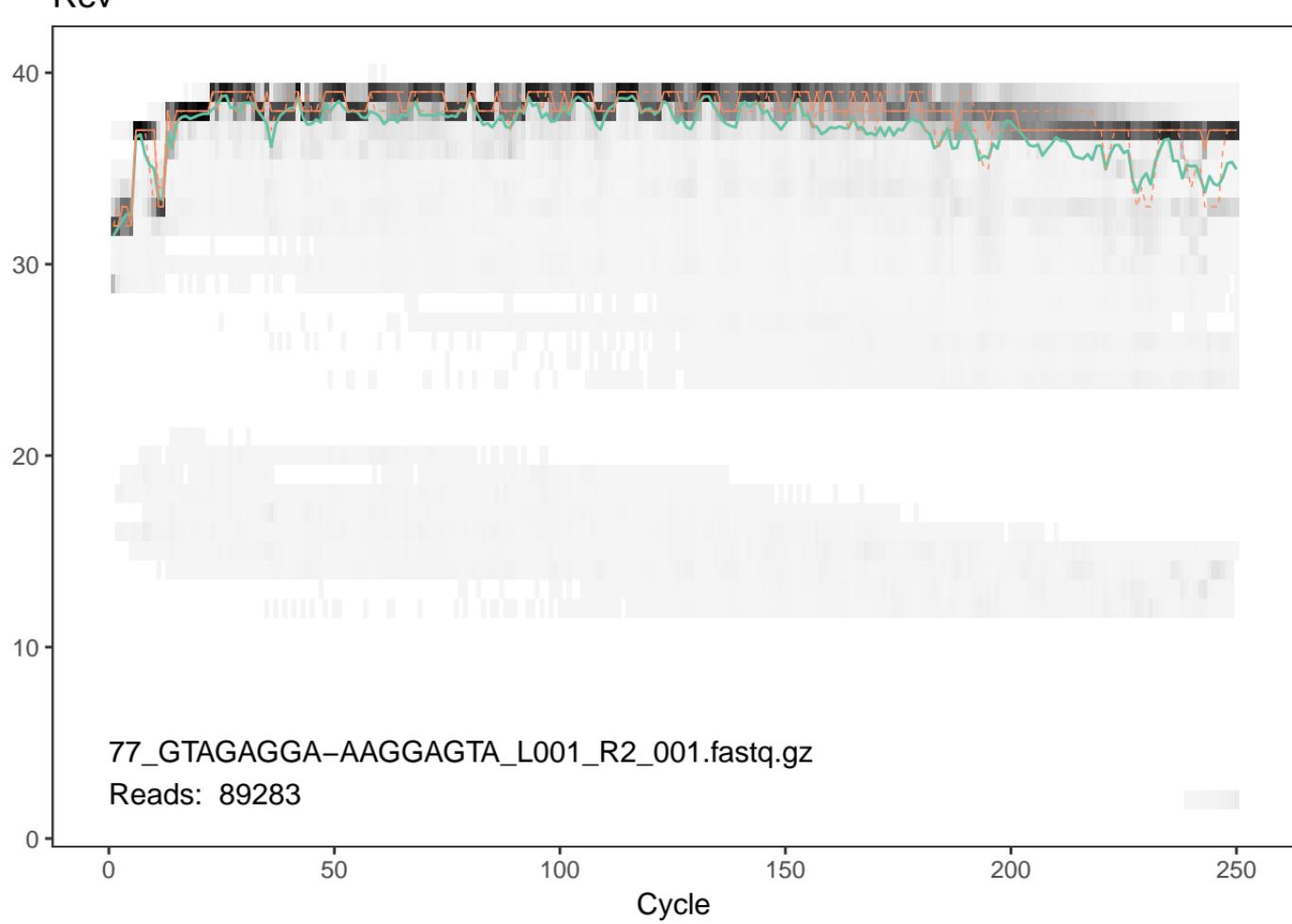
76_GTAGAGGA-ACTGCATA_L001_R2_001.fastq.gz

Reads: 122718



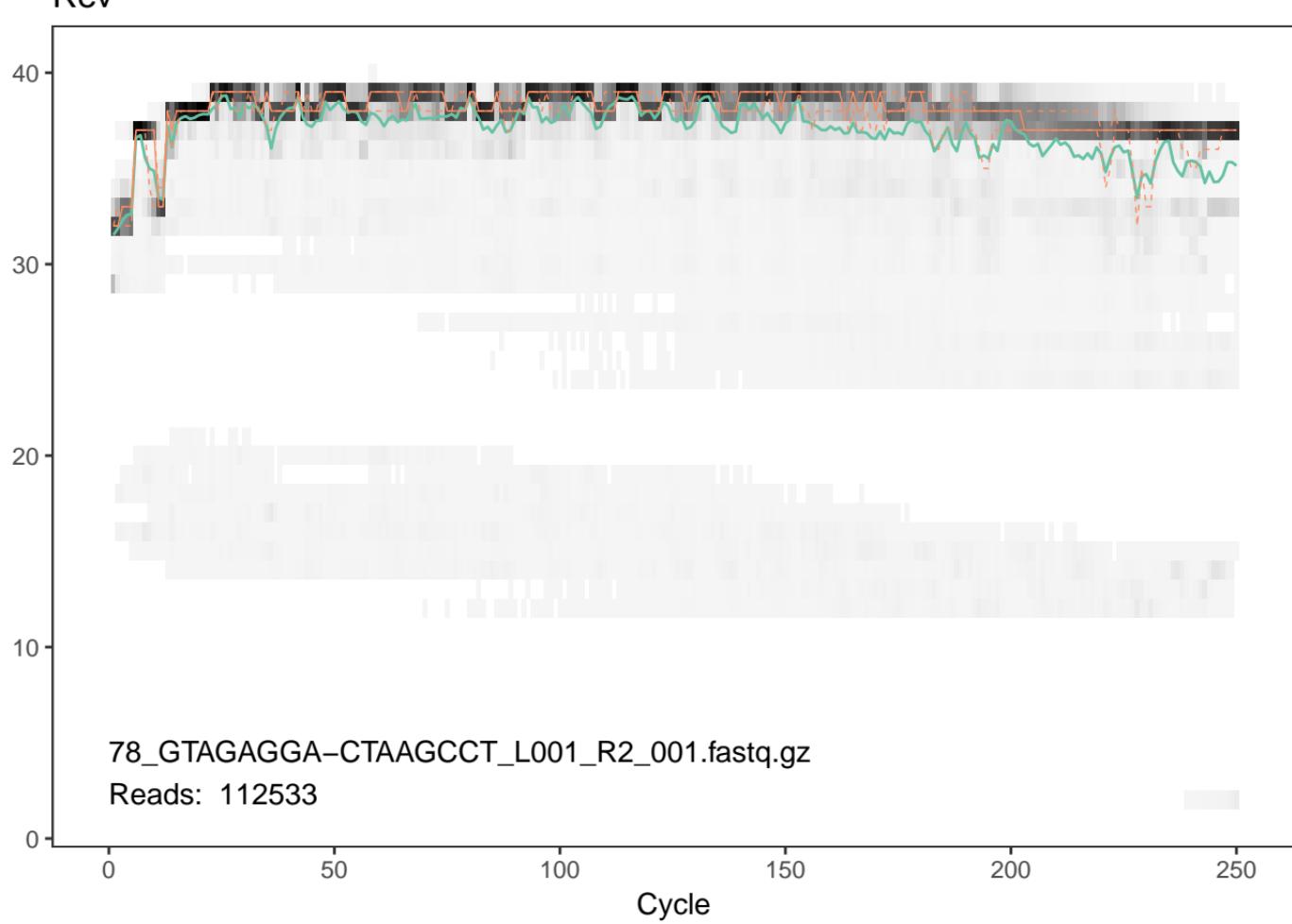
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

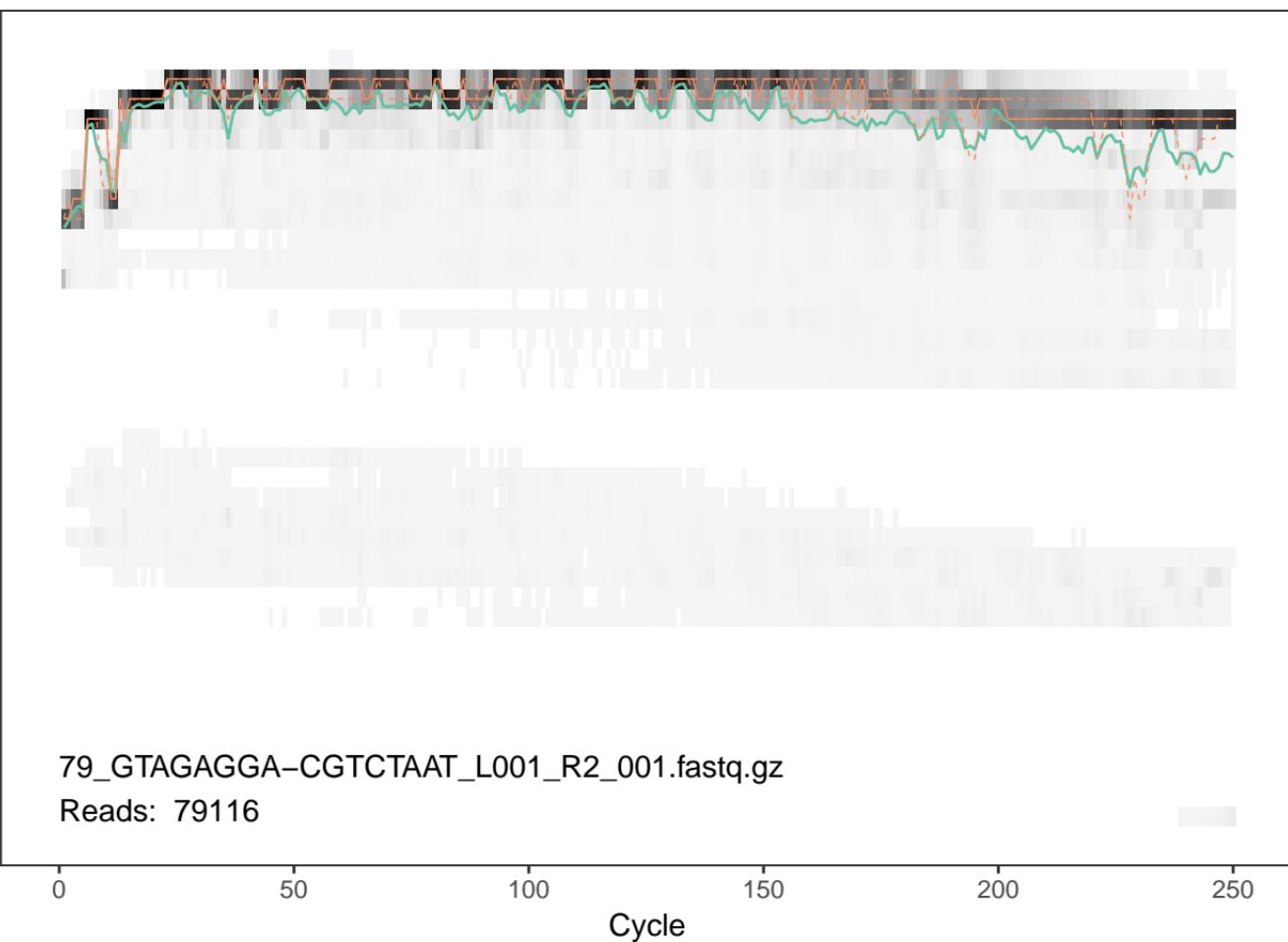
10

0

Cycle

79_GTAGAGGA-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 79116



Rev

Quality Score

40

30

20

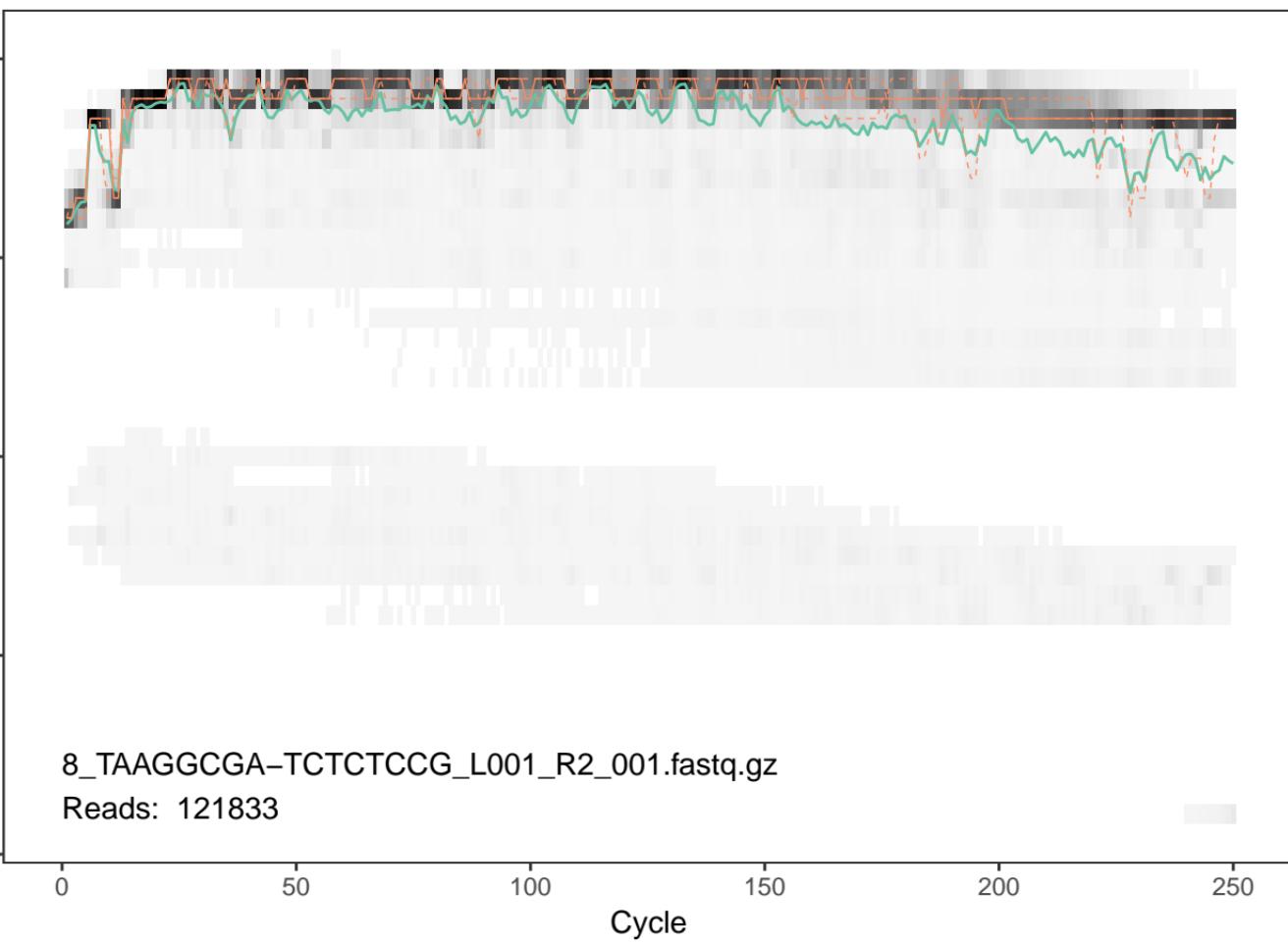
10

0

Cycle

8_TAAGGCGA-TCTCTCCG_L001_R2_001.fastq.gz

Reads: 121833



Rev

Quality Score

40

30

20

10

0

50

100

150

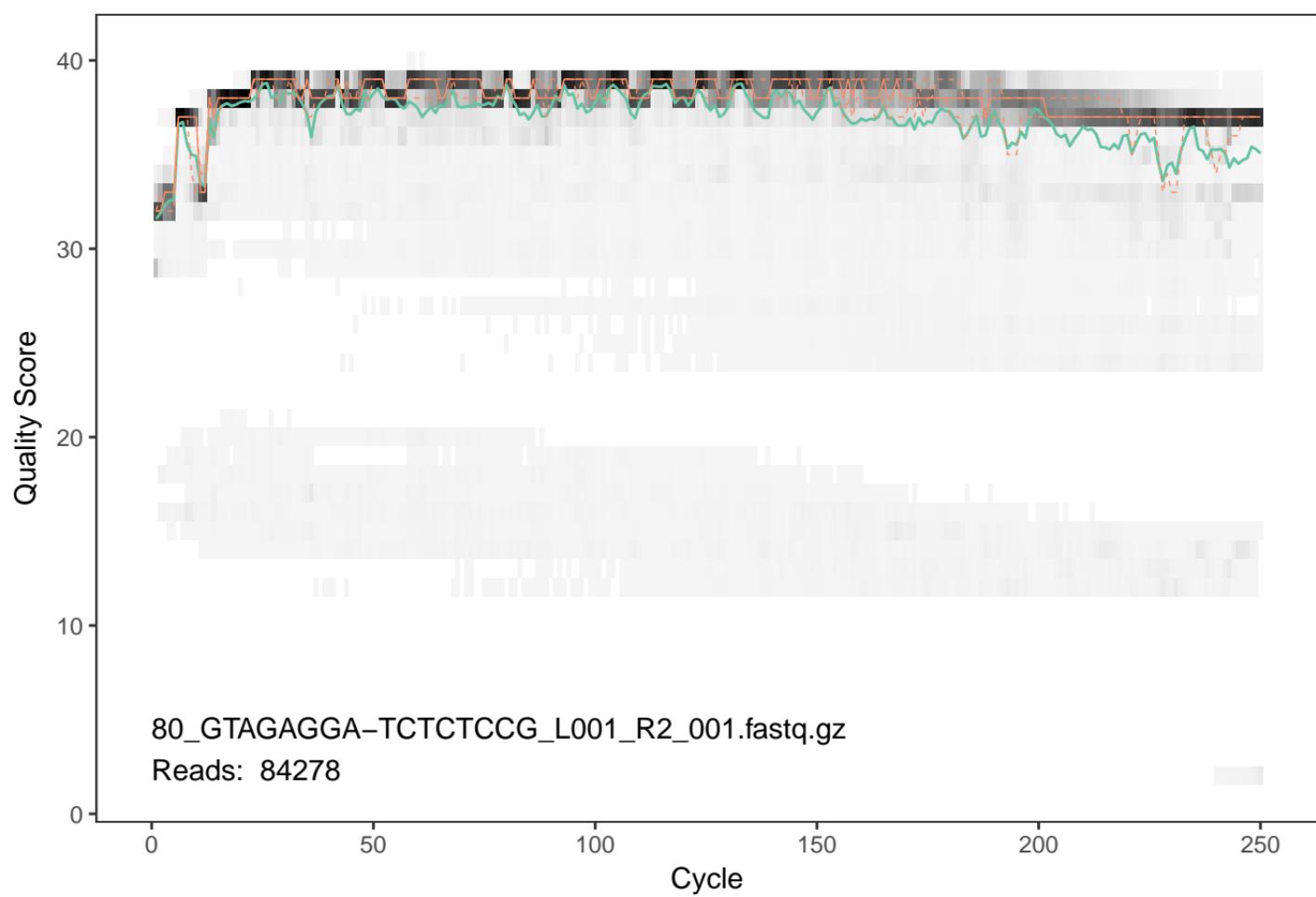
200

250

Cycle

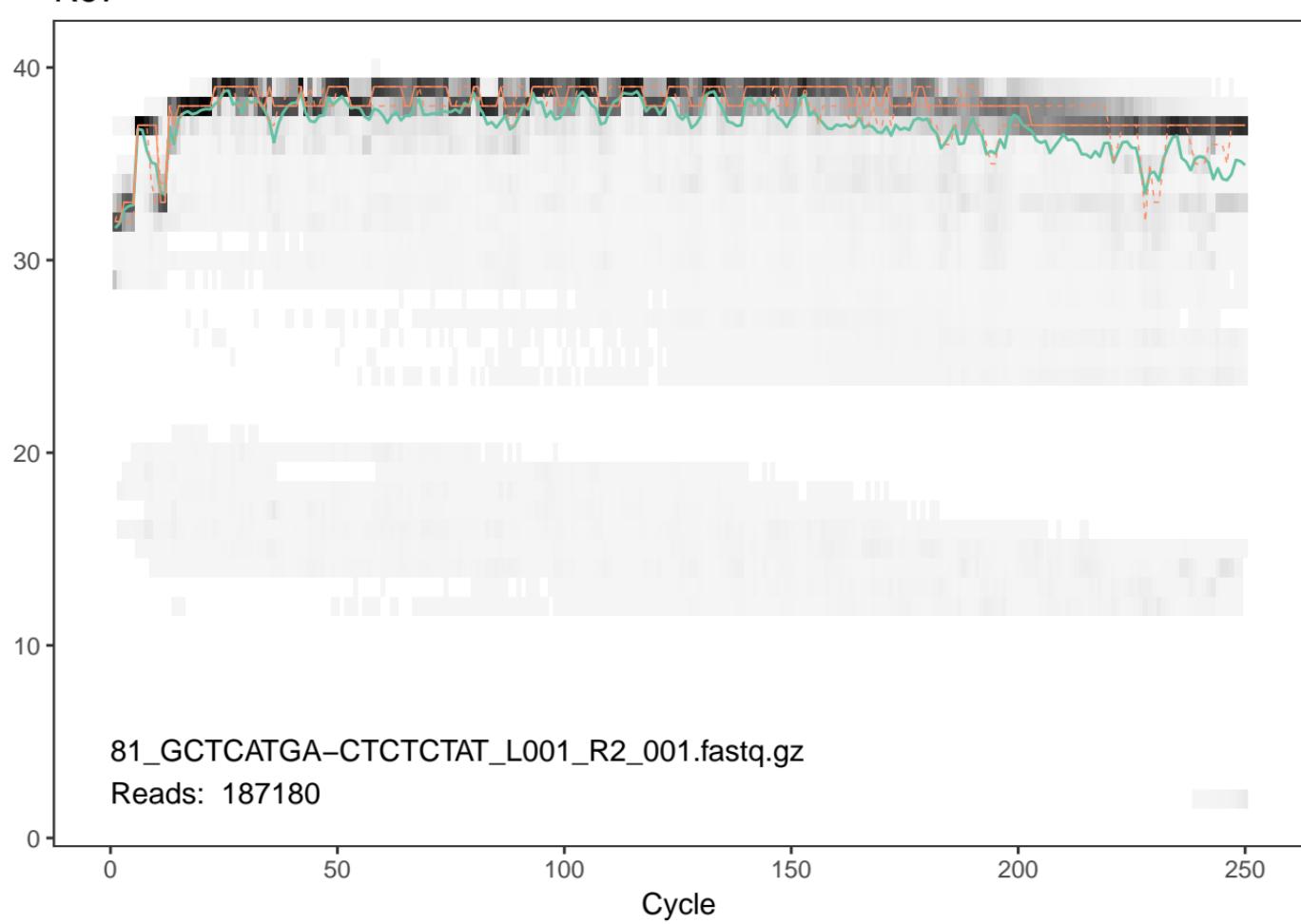
80_GTAGAGGA-TCTCTCCG_L001_R2_001.fastq.gz

Reads: 84278



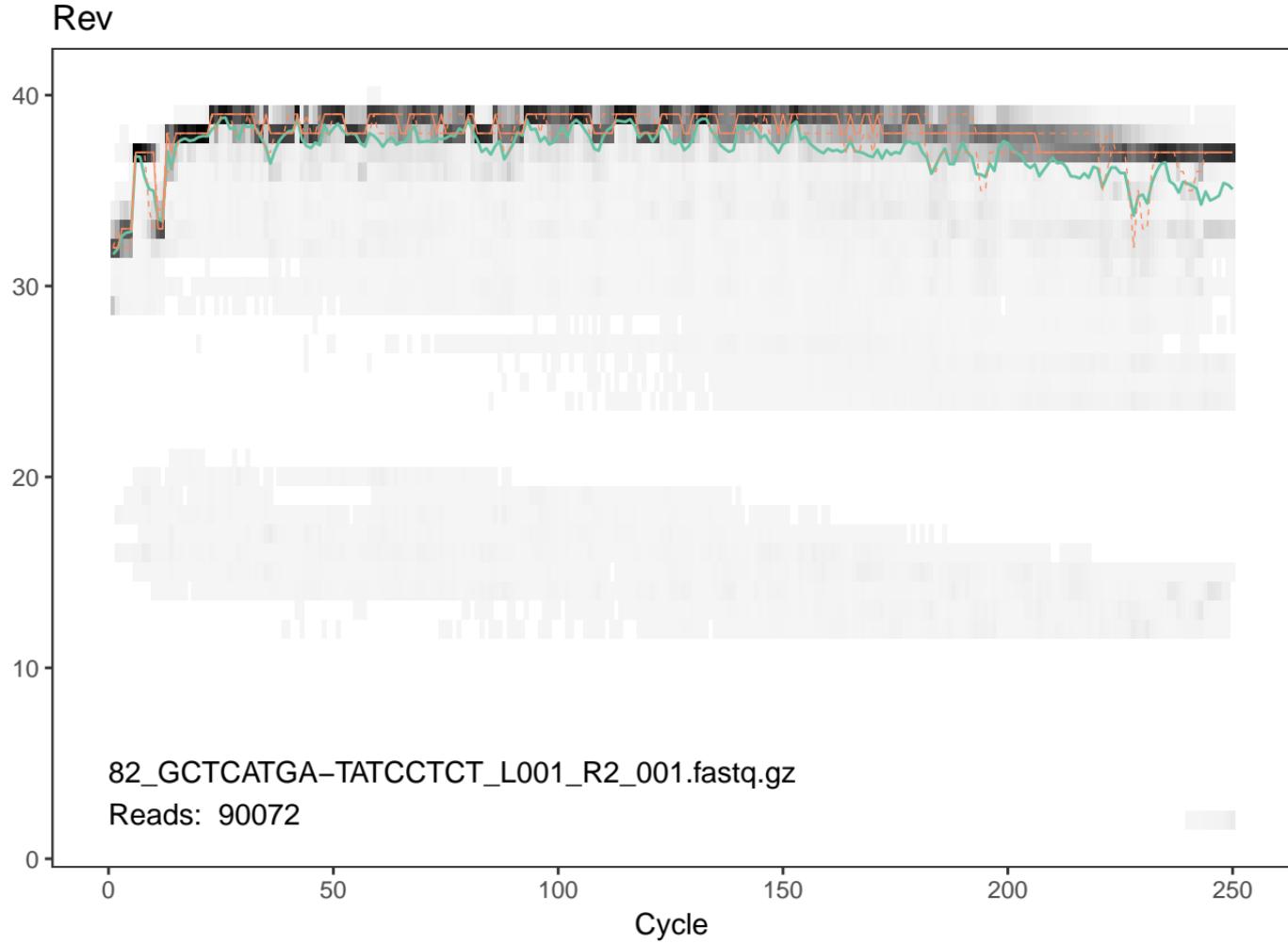
Rev

Quality Score



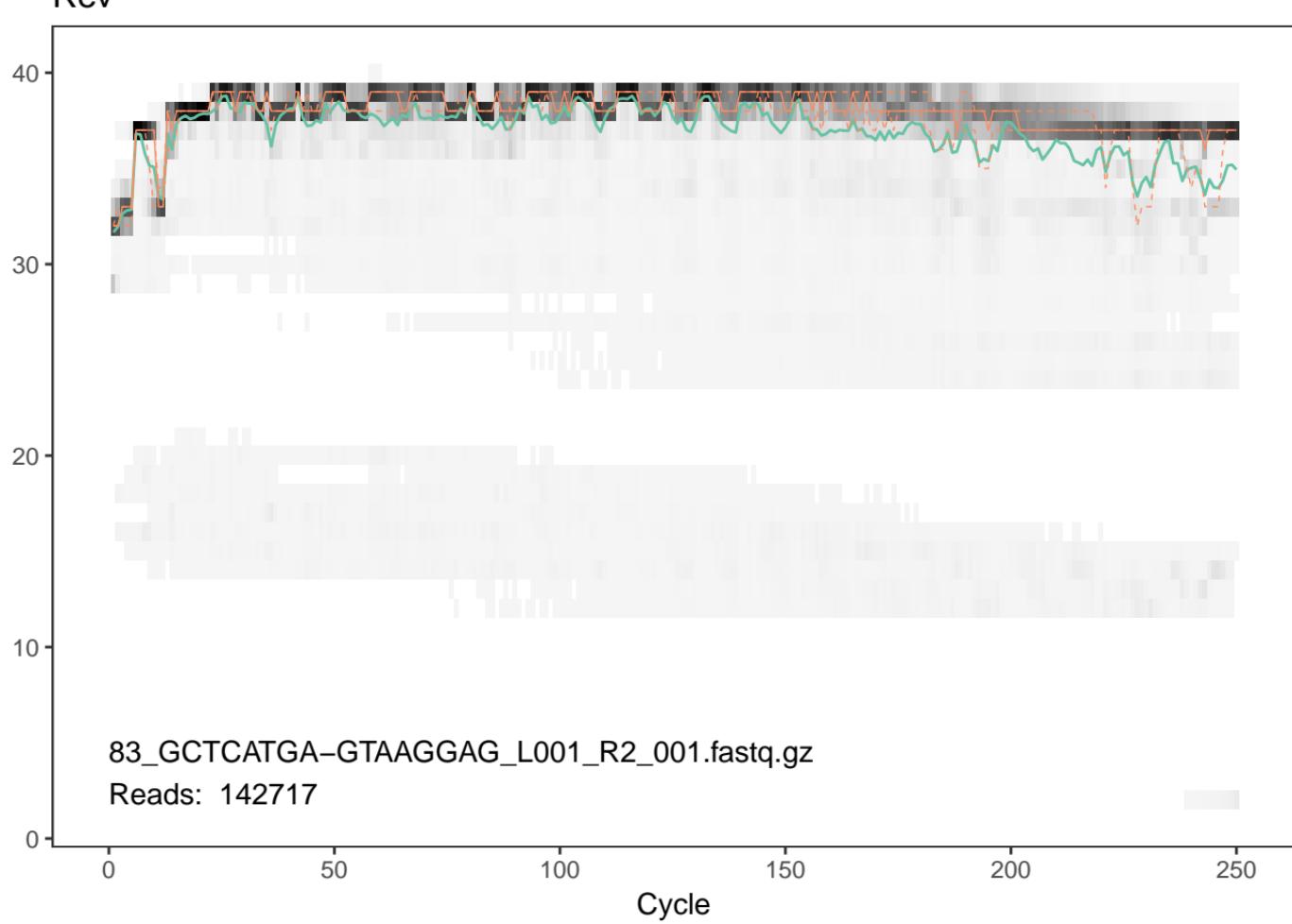
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

84_GCTCATGA-ACTGCATA_L001_R2_001.fastq.gz

Reads: 166865

0

50

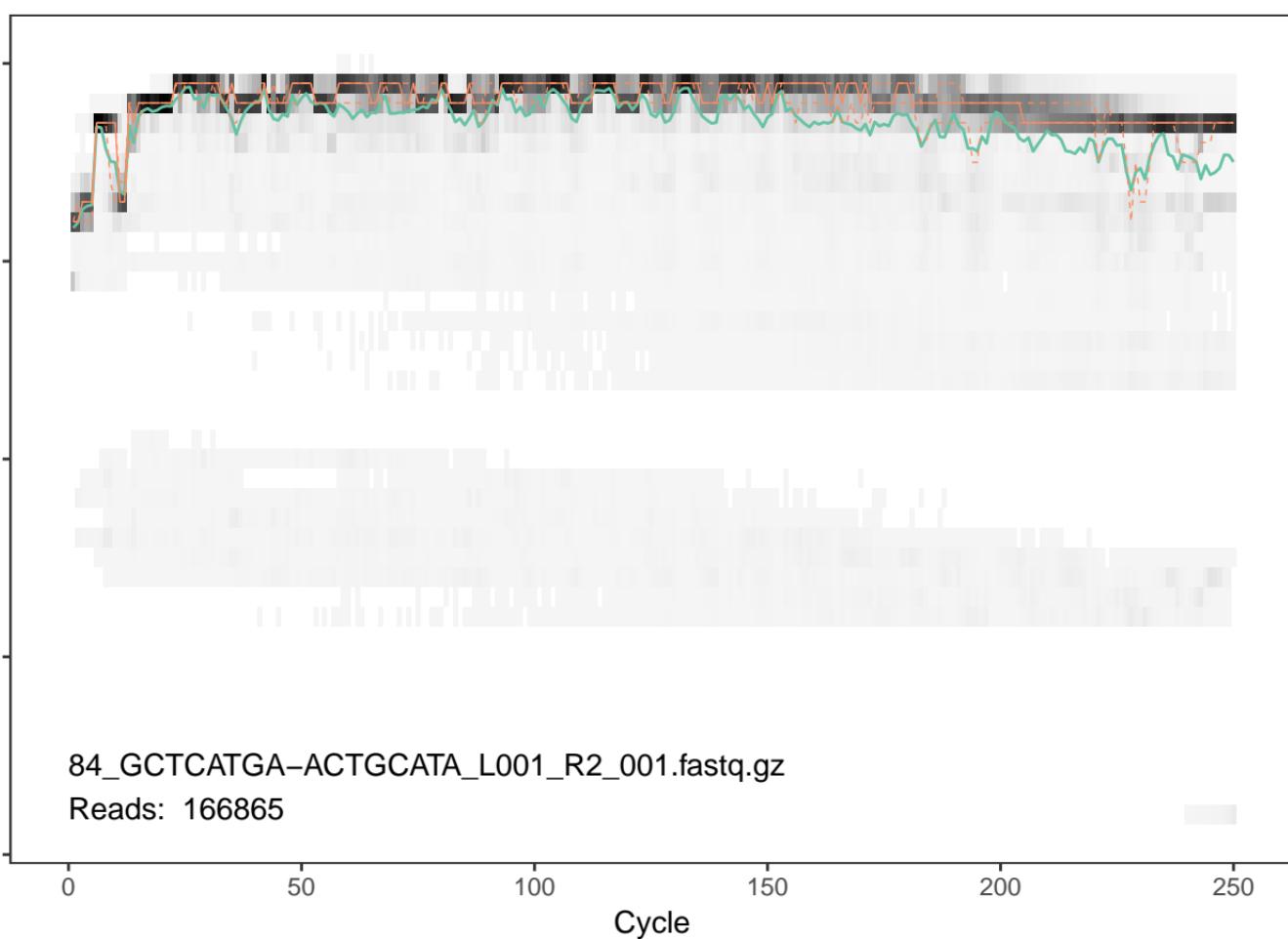
100

150

200

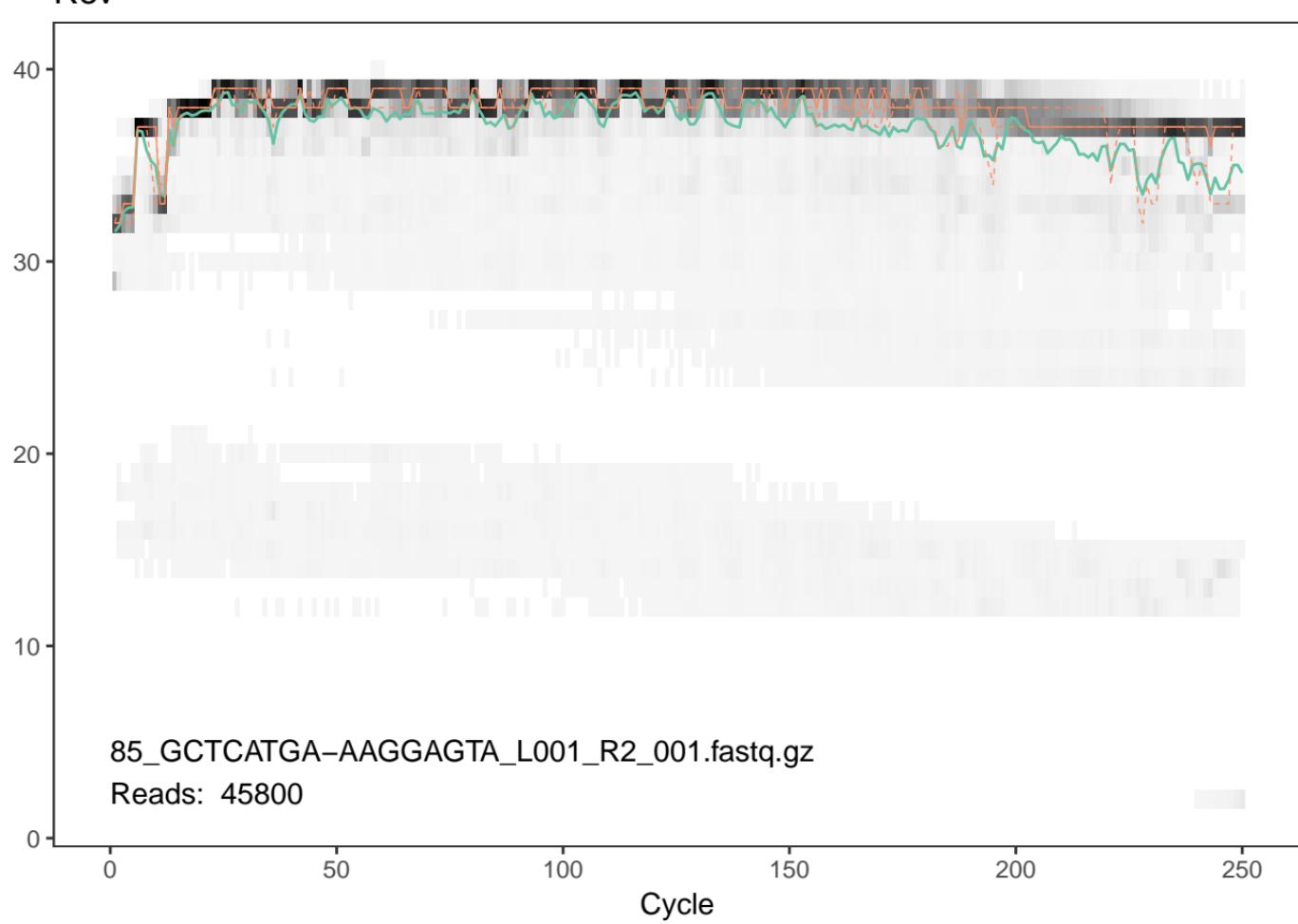
250

Cycle



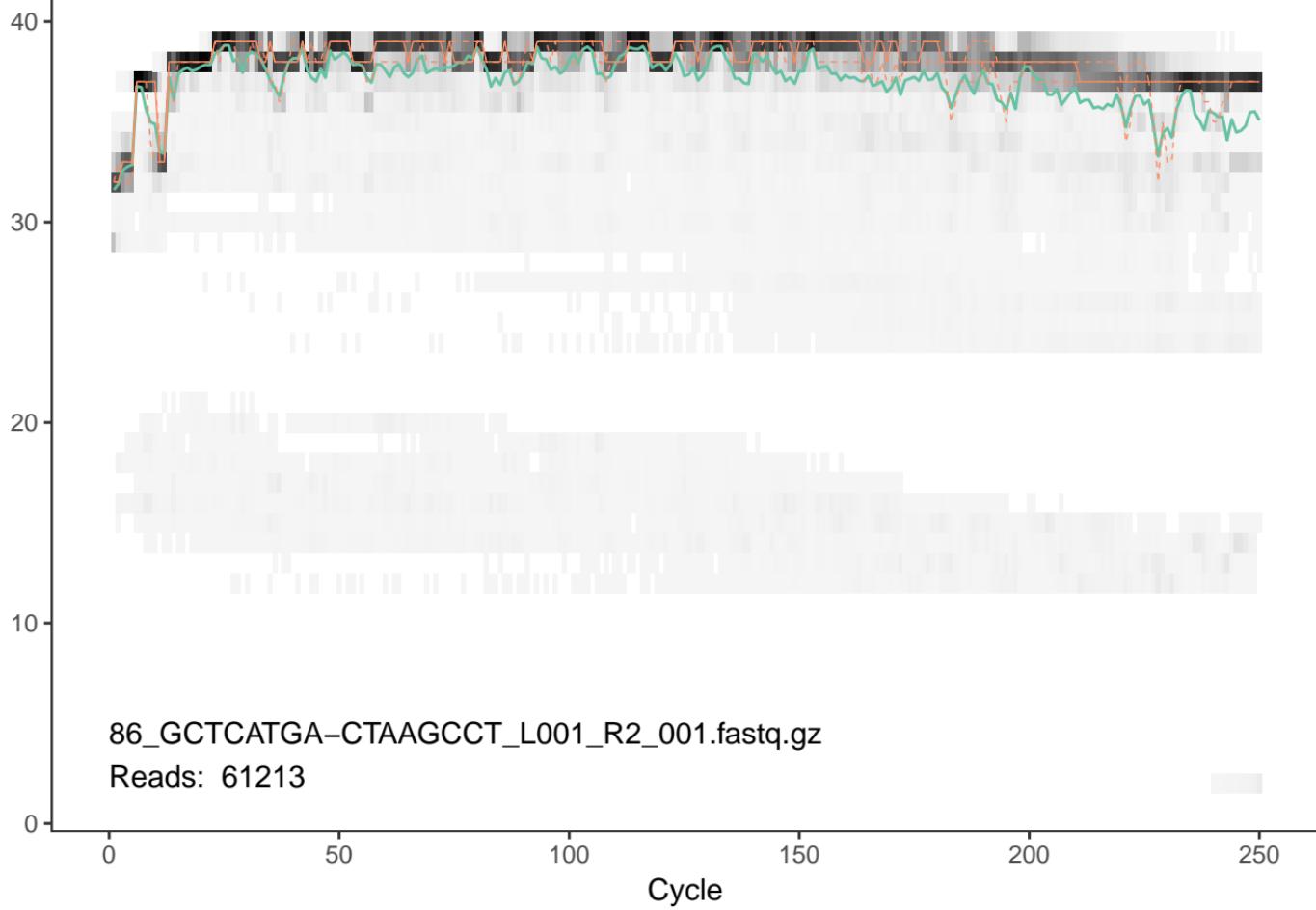
Rev

Quality Score



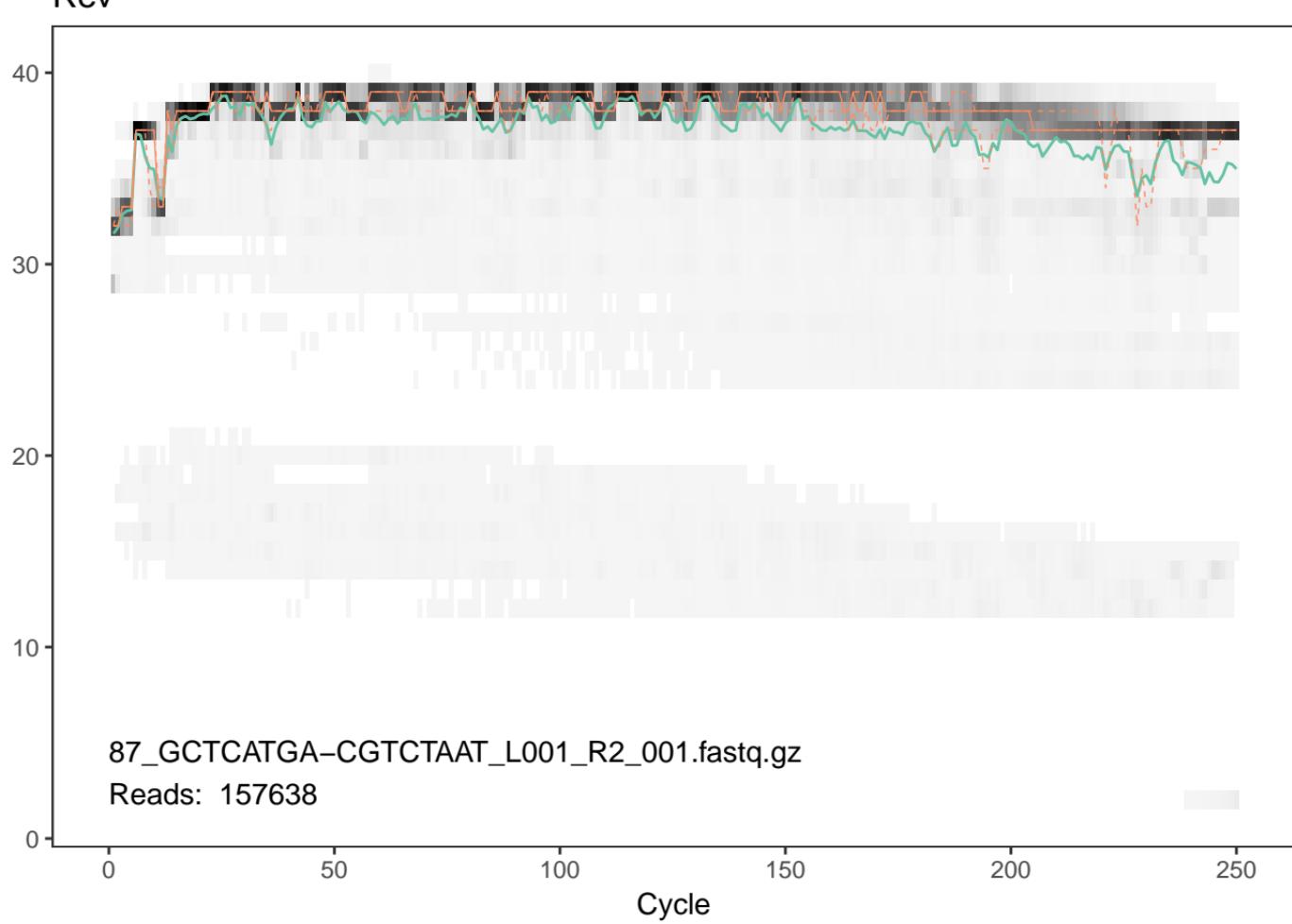
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

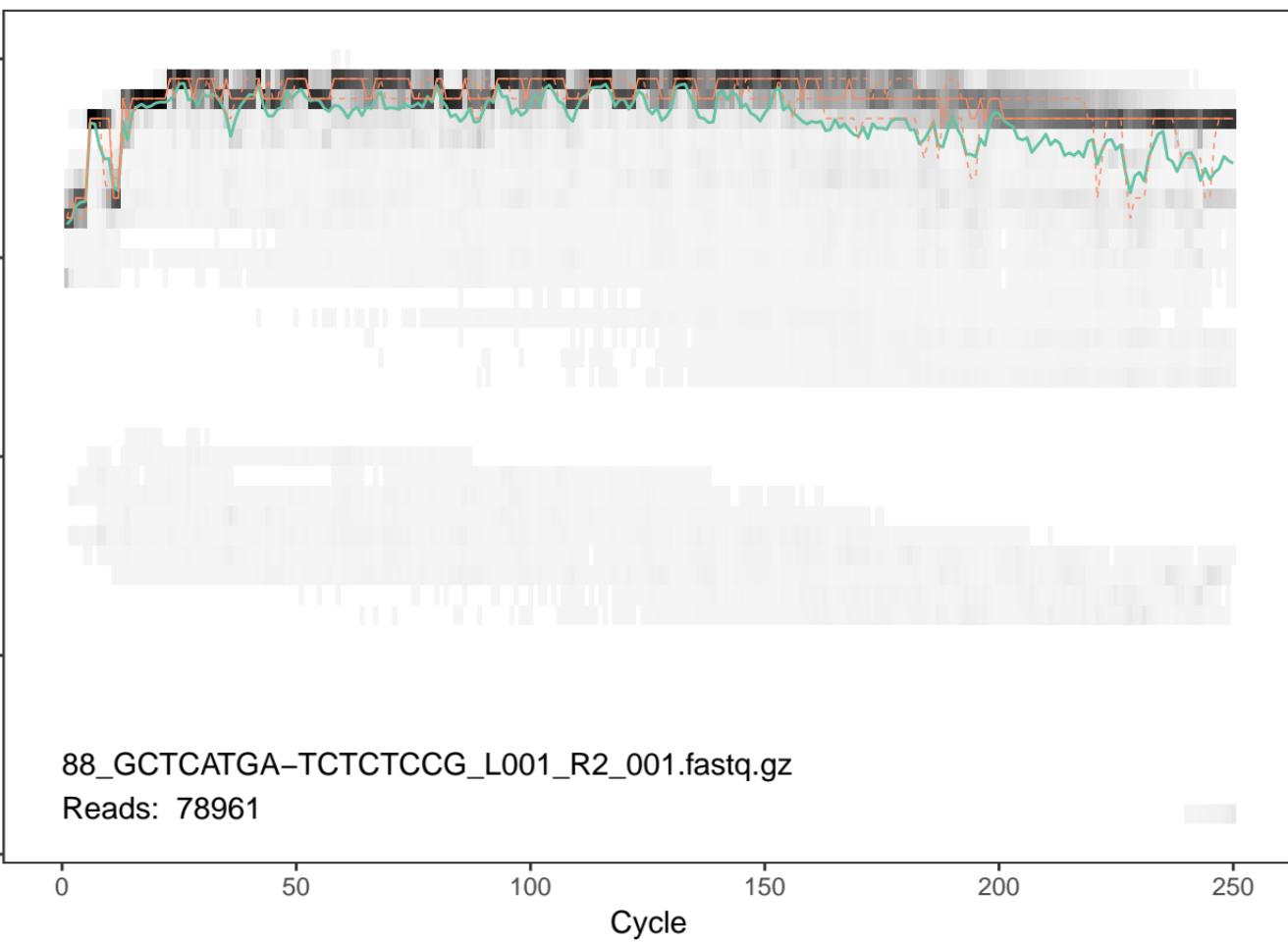
20

10

0

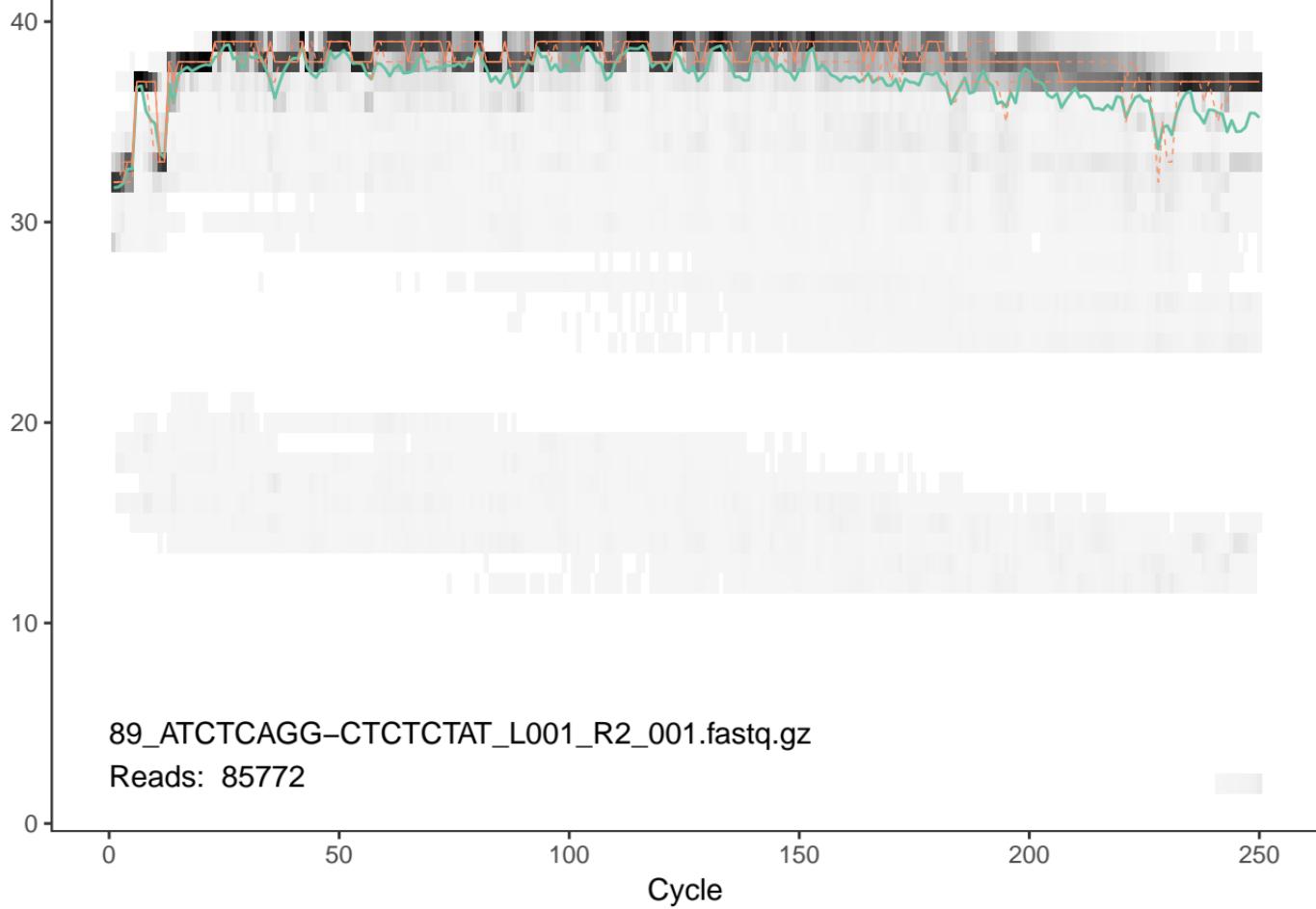
Cycle

88_GCTCATGA-TCTCTCCG_L001_R2_001.fastq.gz
Reads: 78961



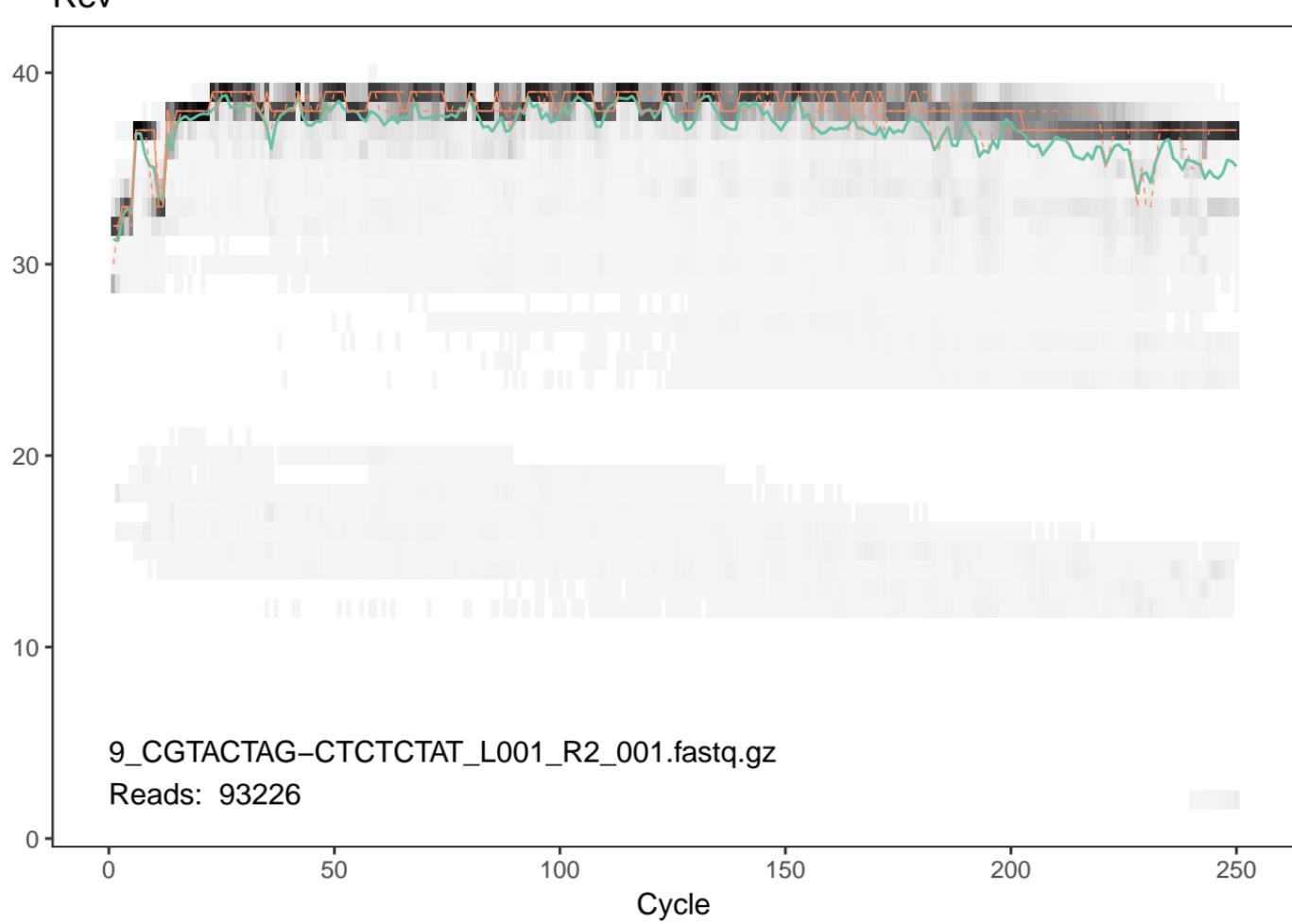
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

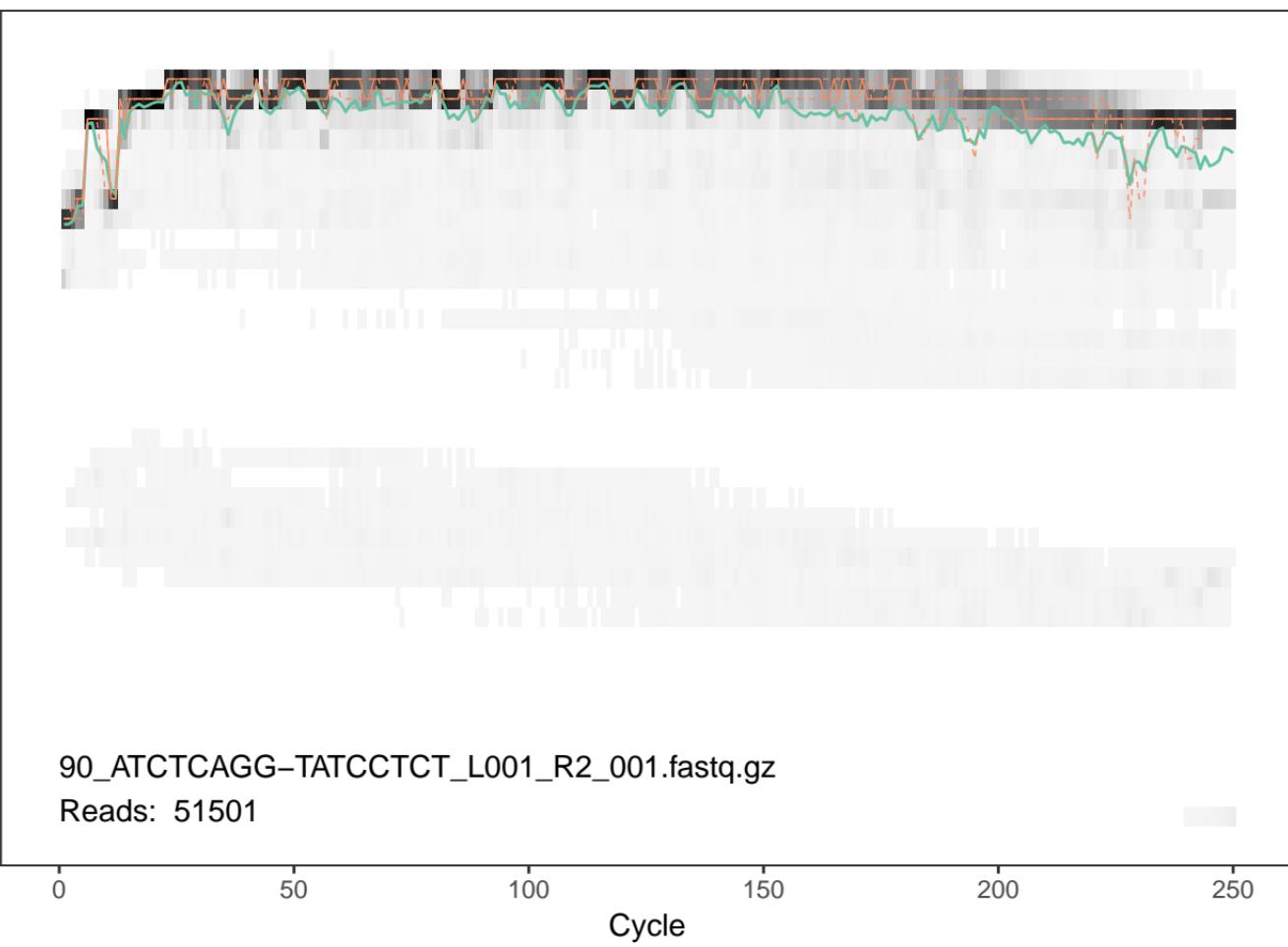
10

0

Cycle

90_ATCTCAGG-TATCCTCT_L001_R2_001.fastq.gz

Reads: 51501



Rev

Quality Score

40

30

20

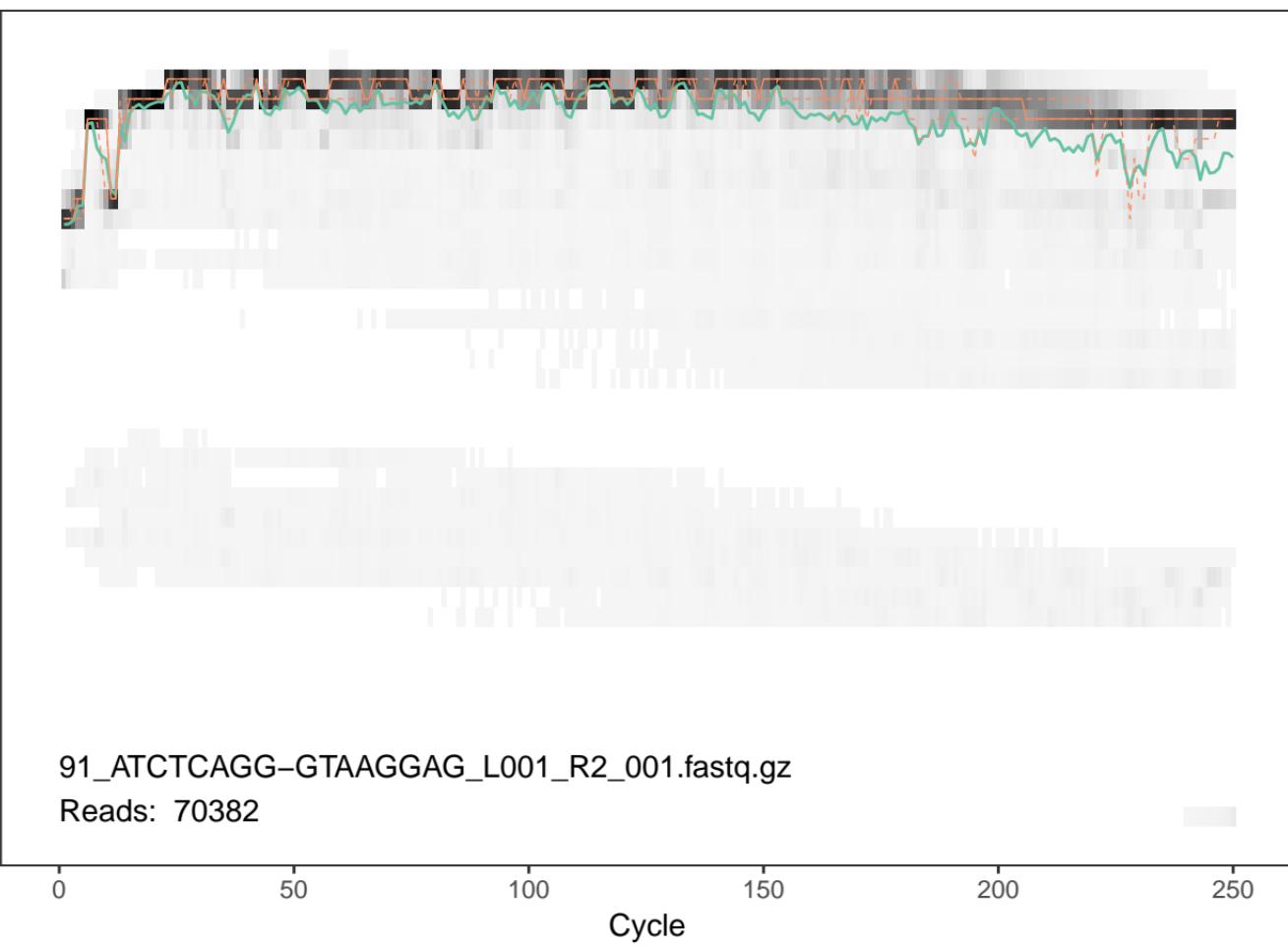
10

0

Cycle

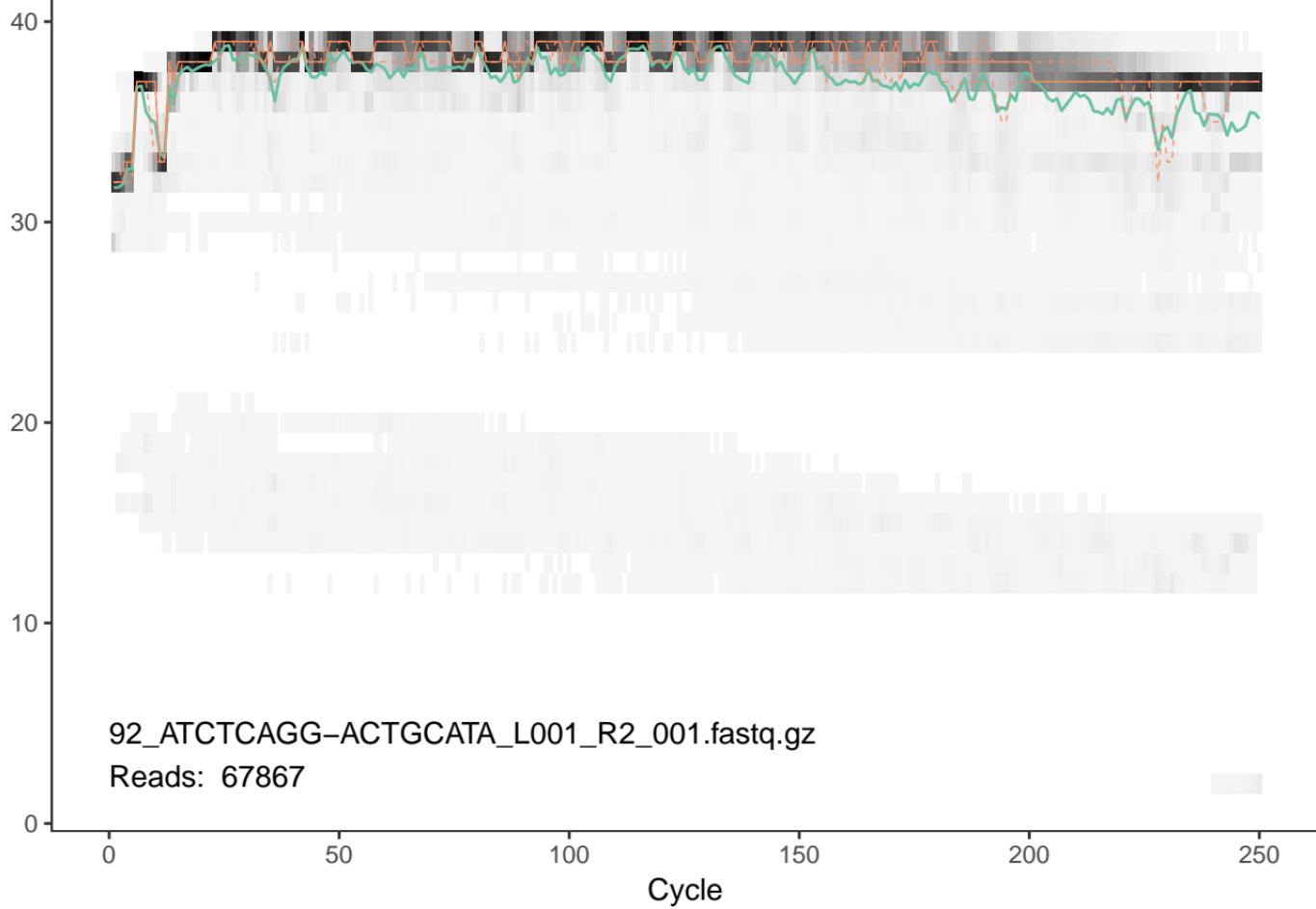
91_ATCTCAGG-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 70382



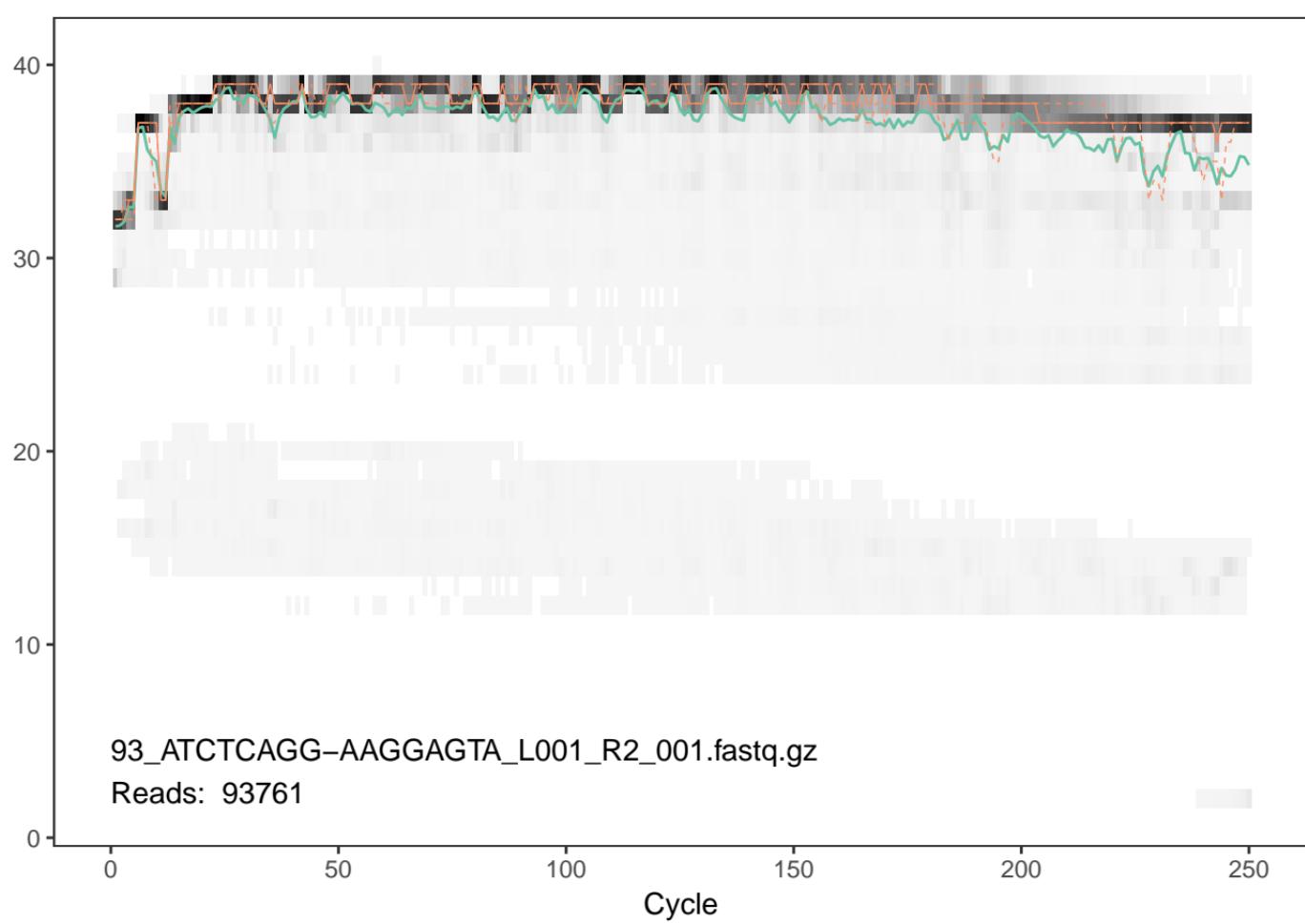
Rev

Quality Score



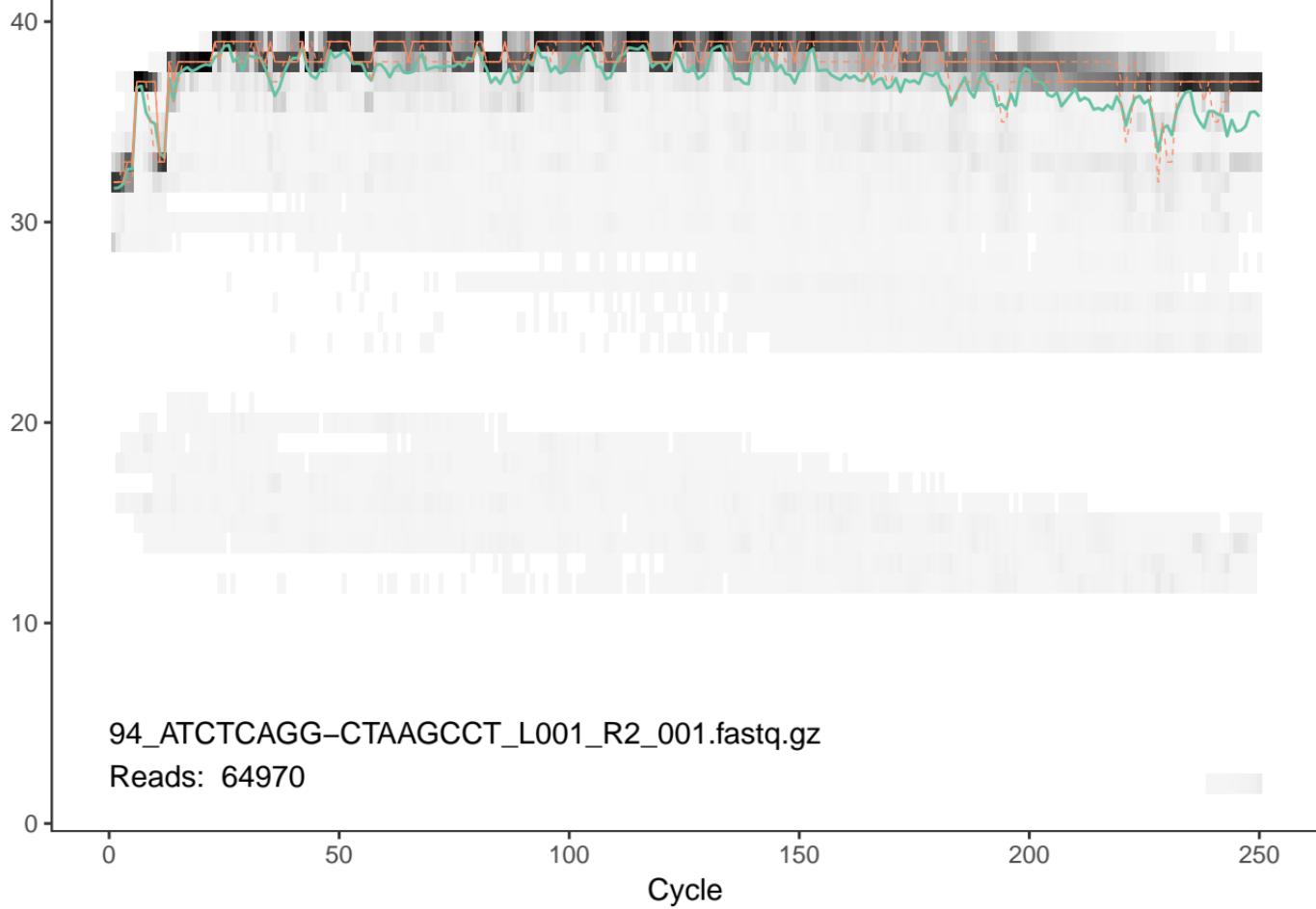
Rev

Quality Score



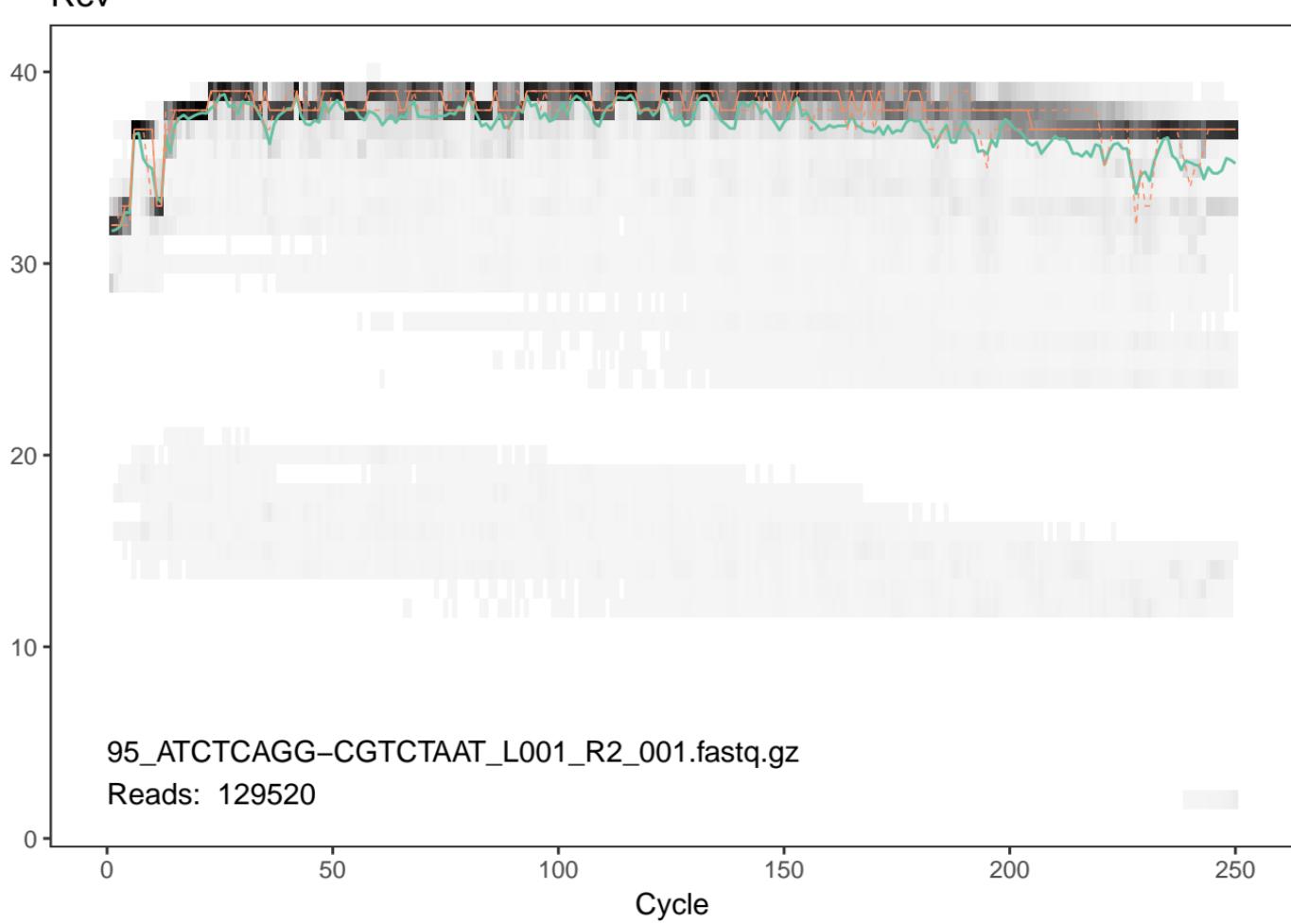
Rev

Quality Score



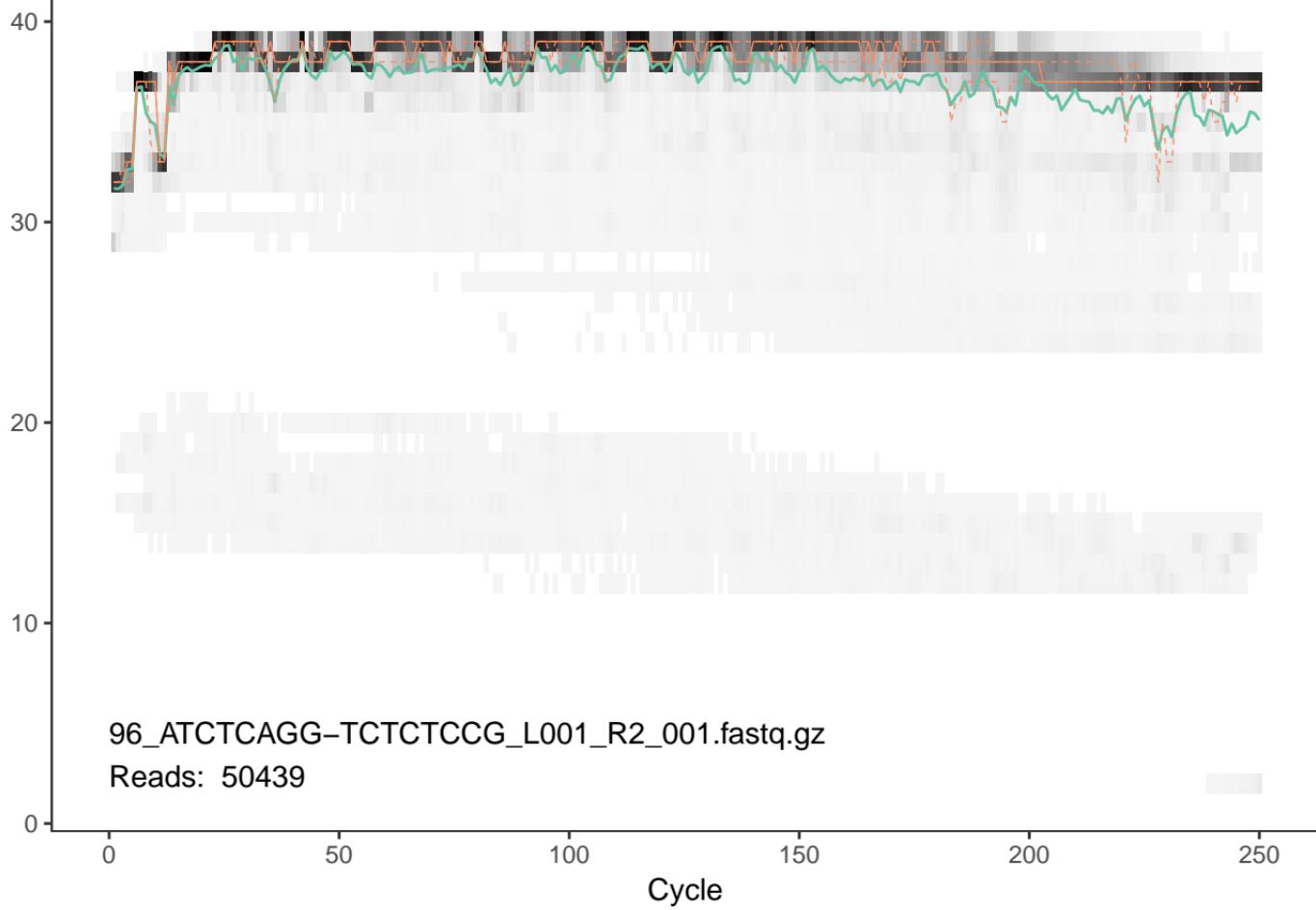
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

97_ACTCGCTA-CTCTCTAT_L001_R2_001.fastq.gz

Reads: 108147

0

50

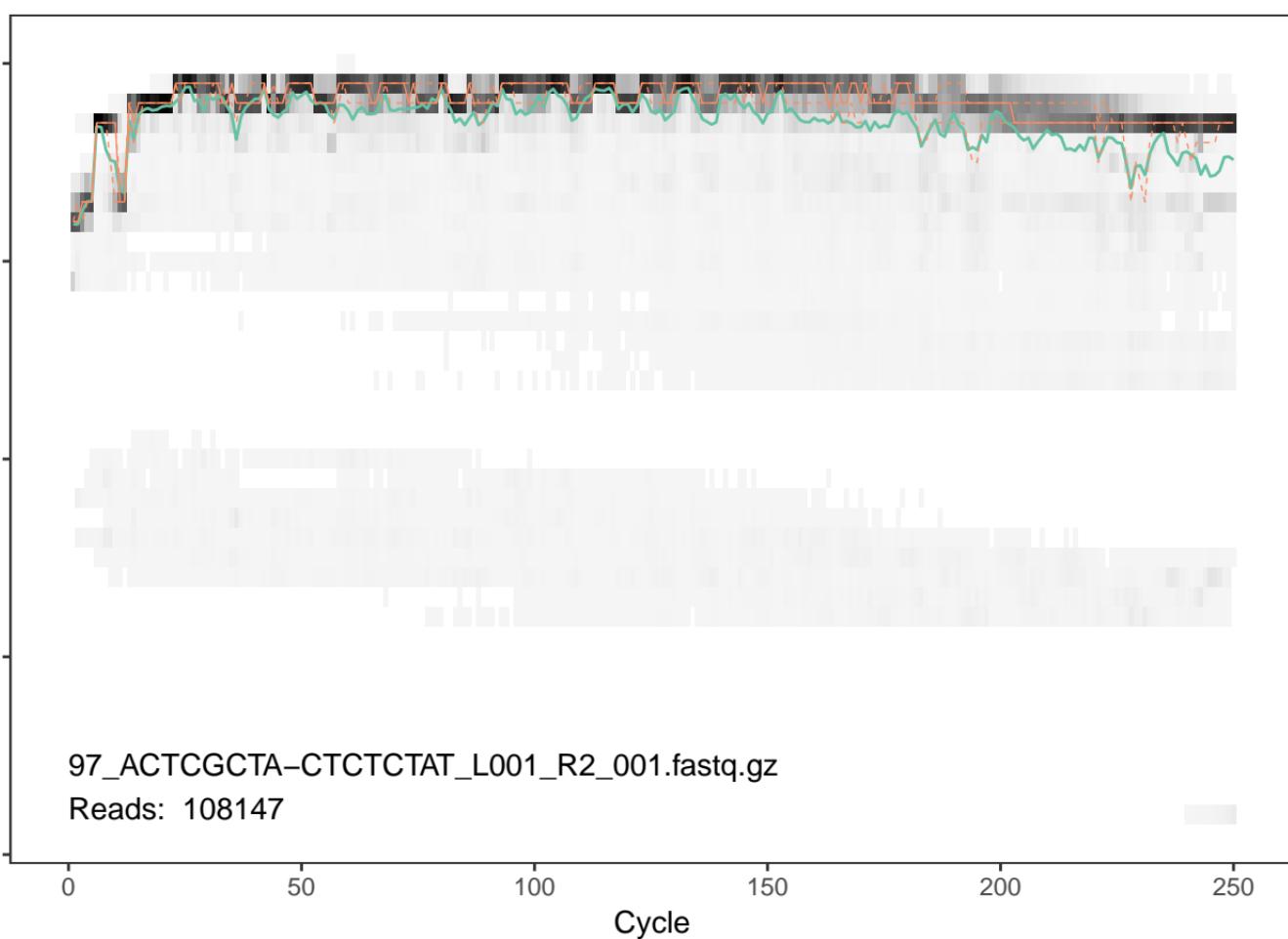
100

150

200

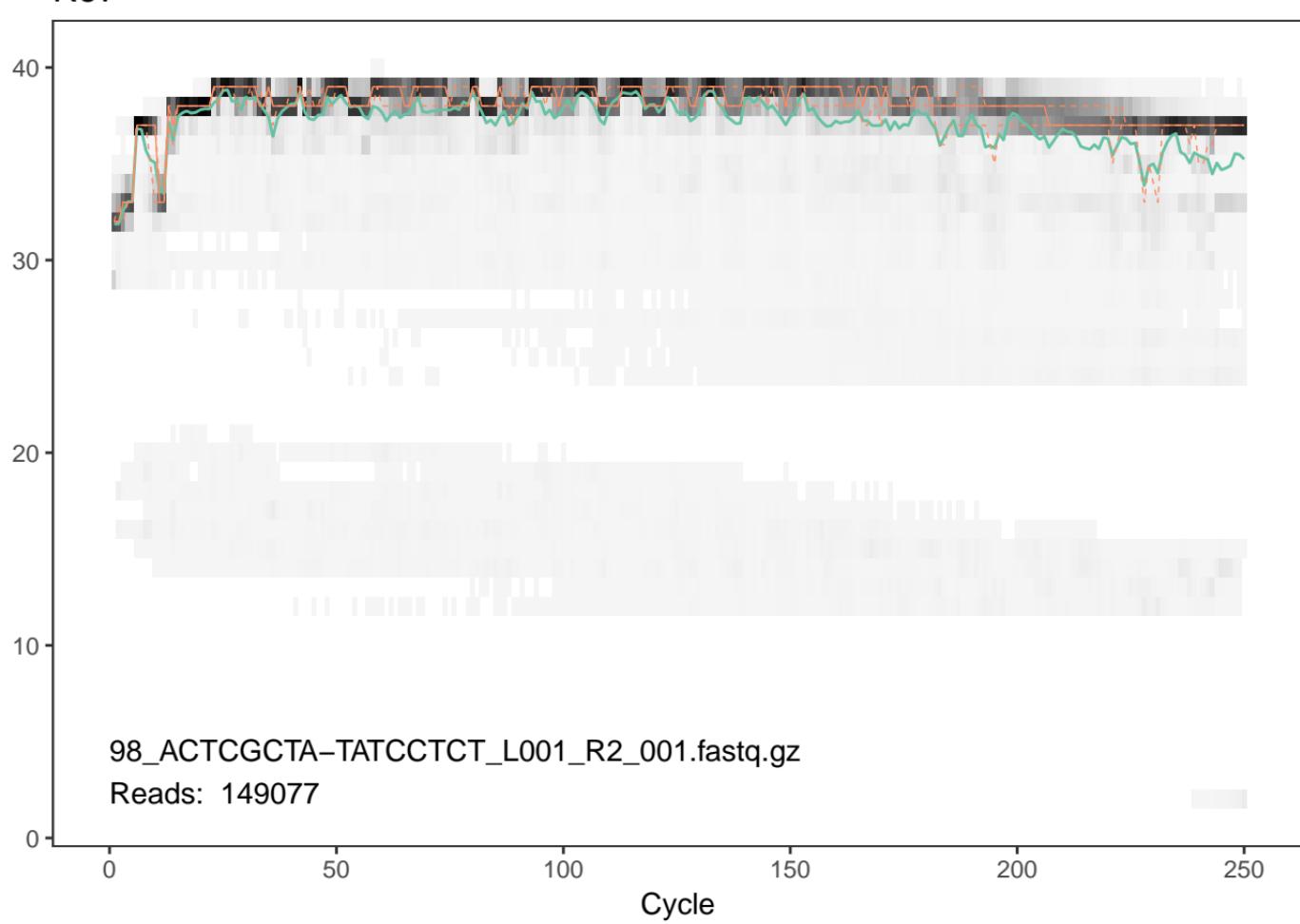
250

Cycle



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

99_ACTCGCTA-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 136574

0

50

100

150

200

250

Cycle

