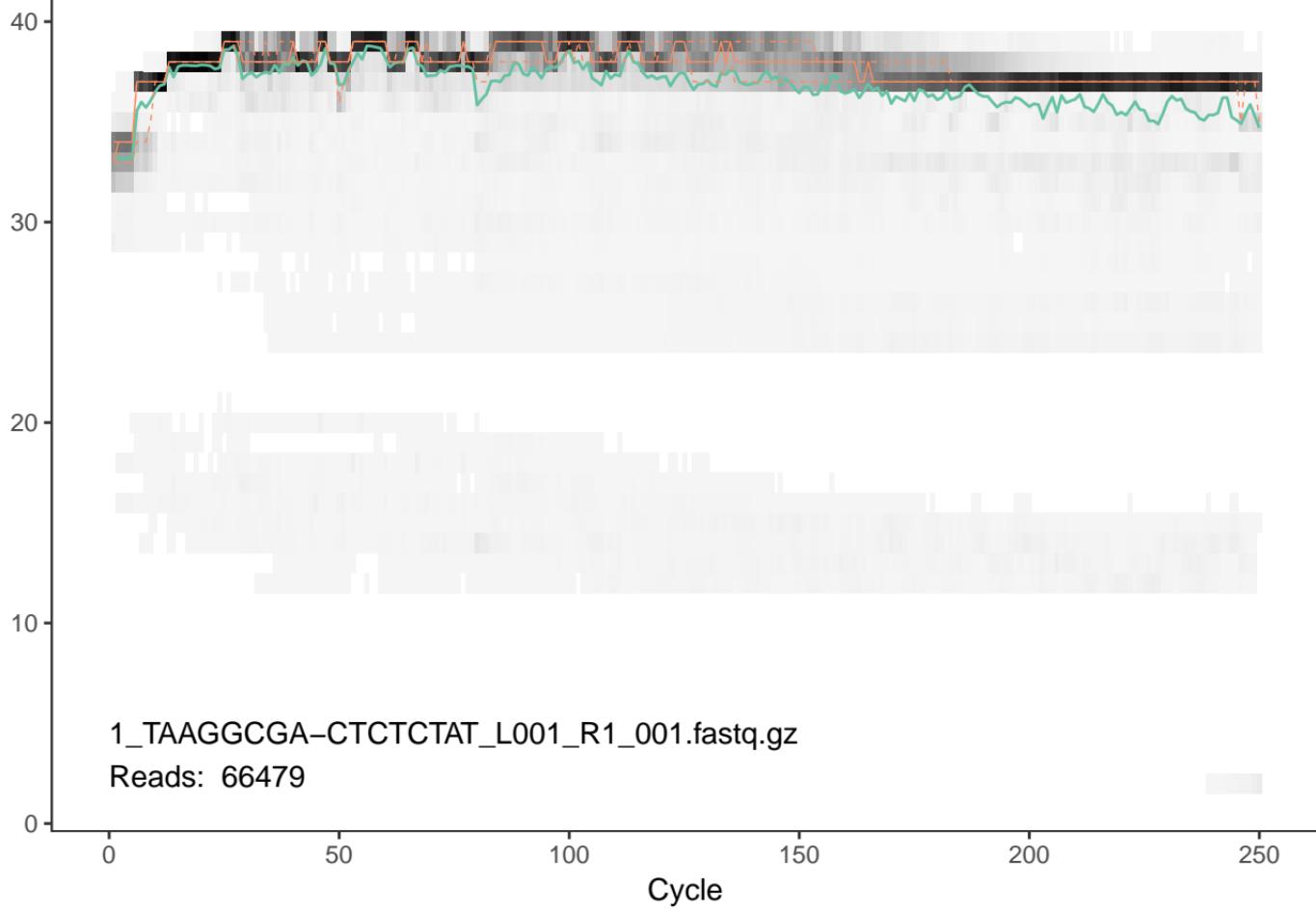


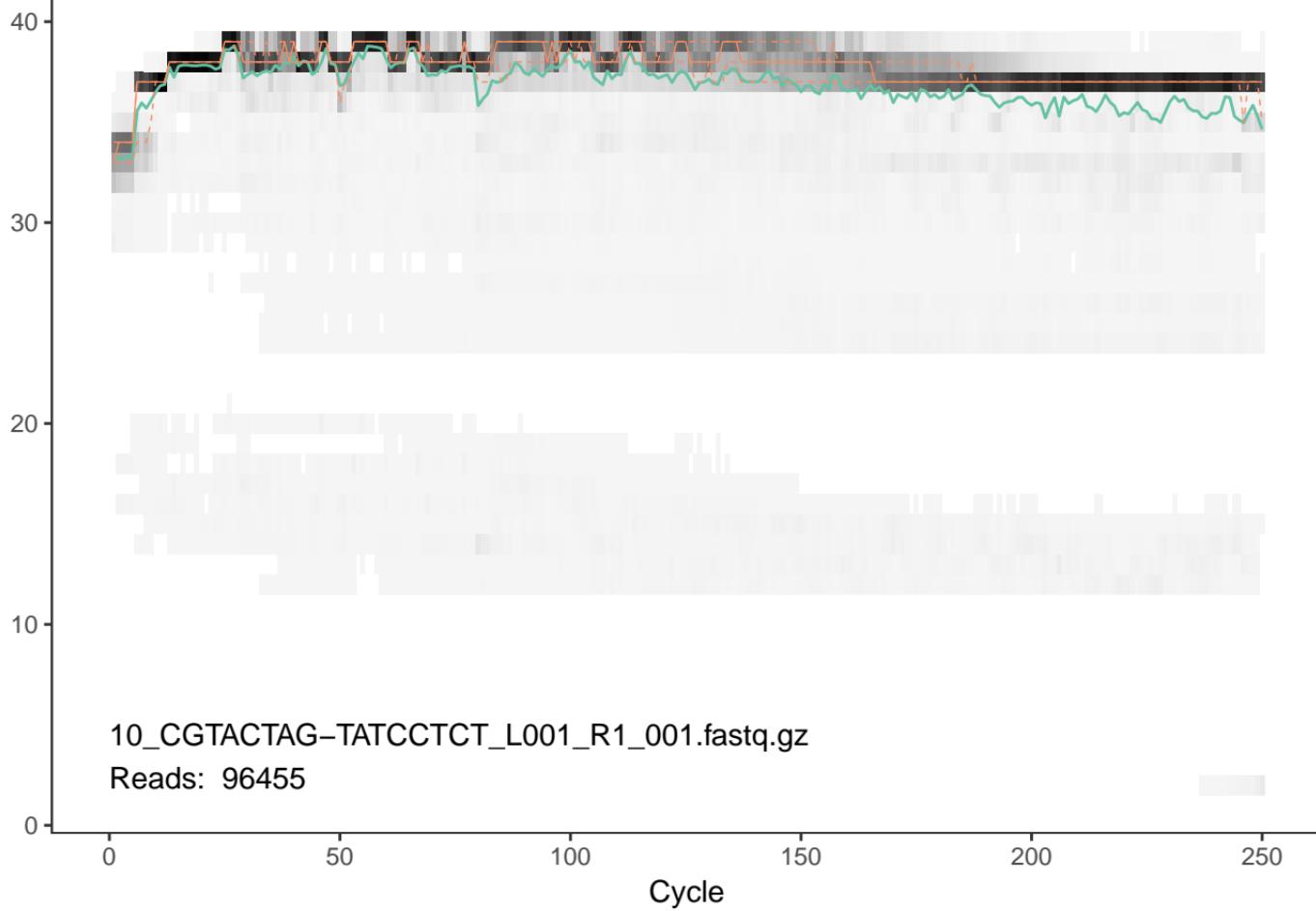
Fwd

Quality Score



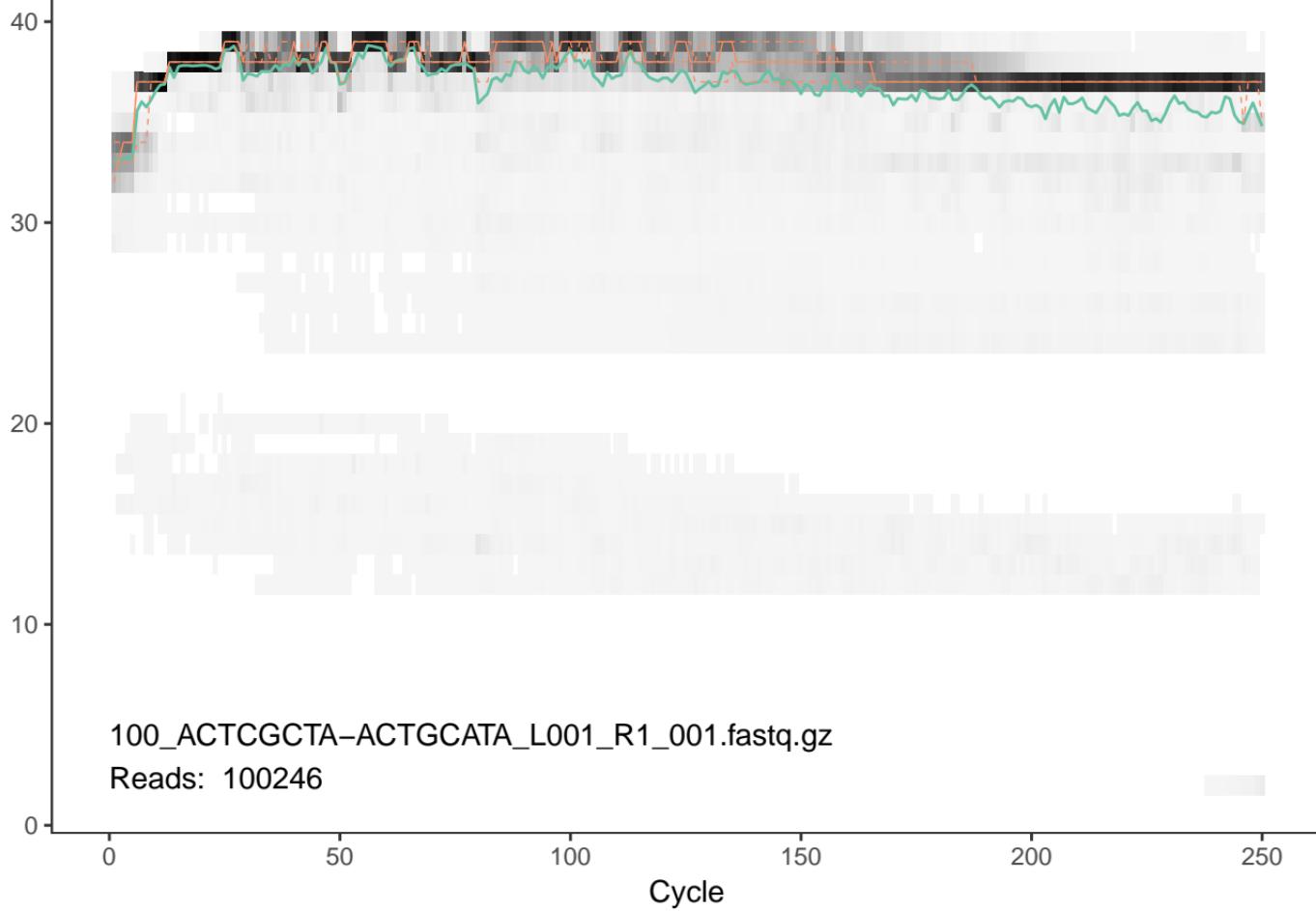
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Quality Score



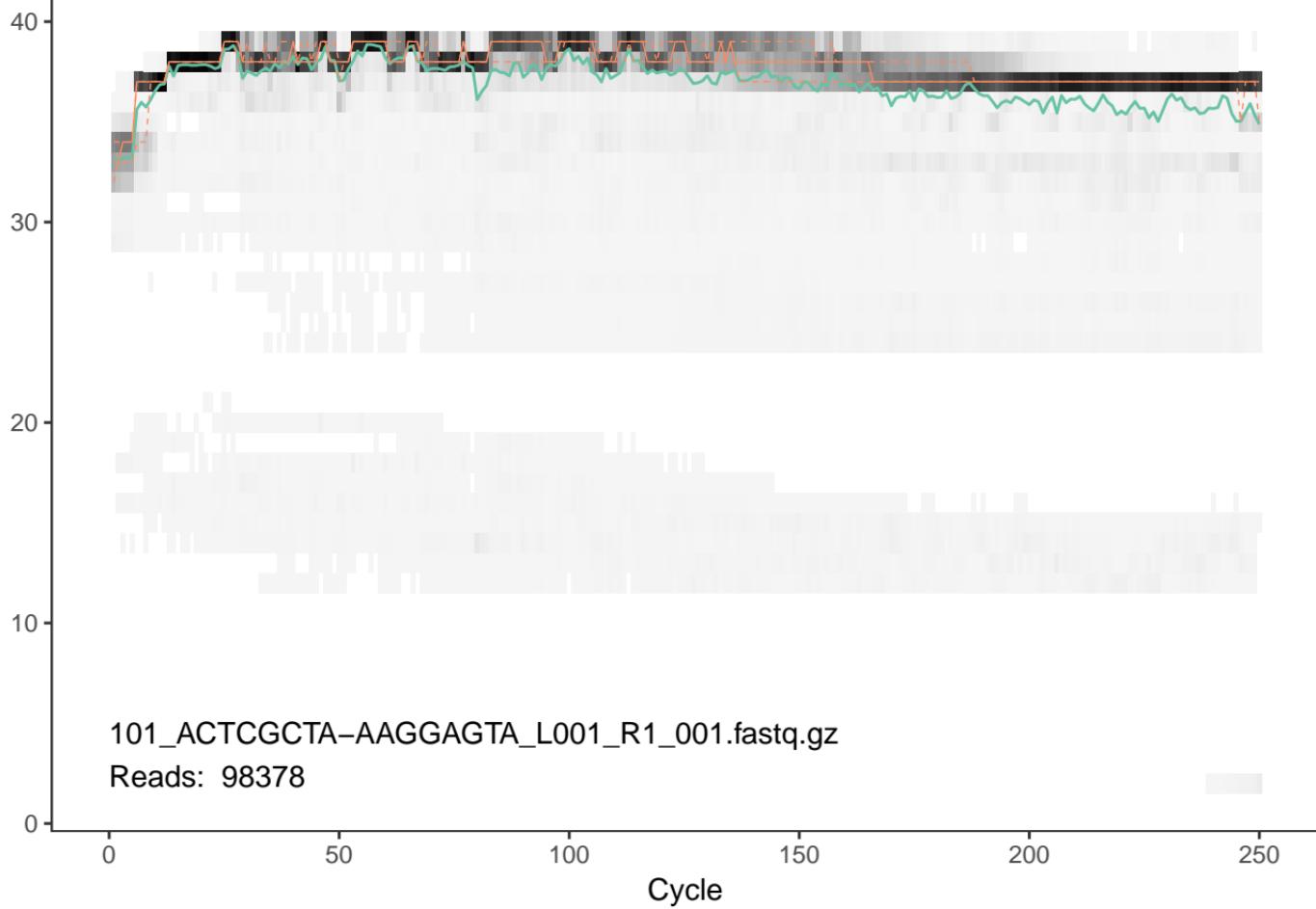
Fwd

Quality Score



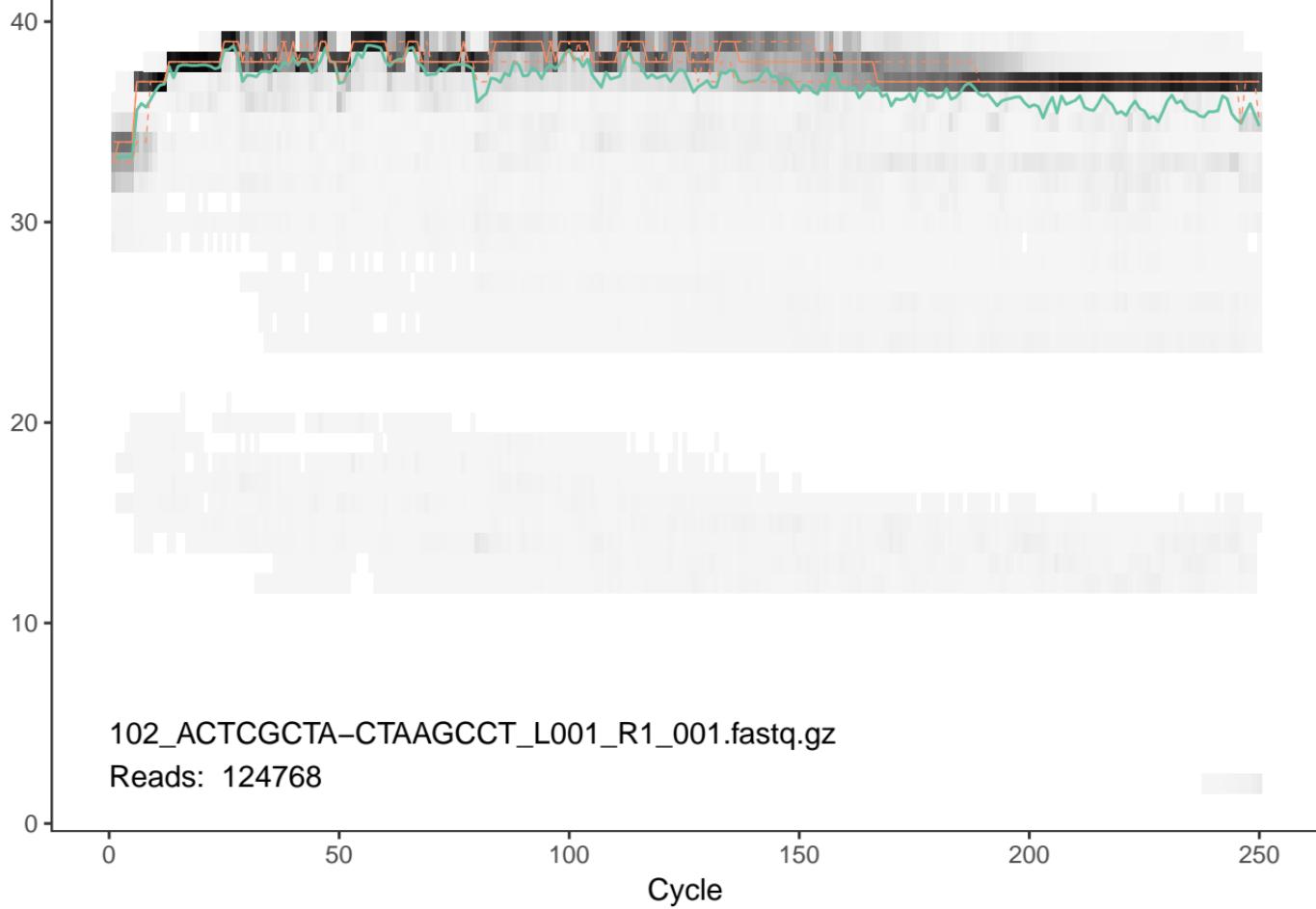
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Quality Score



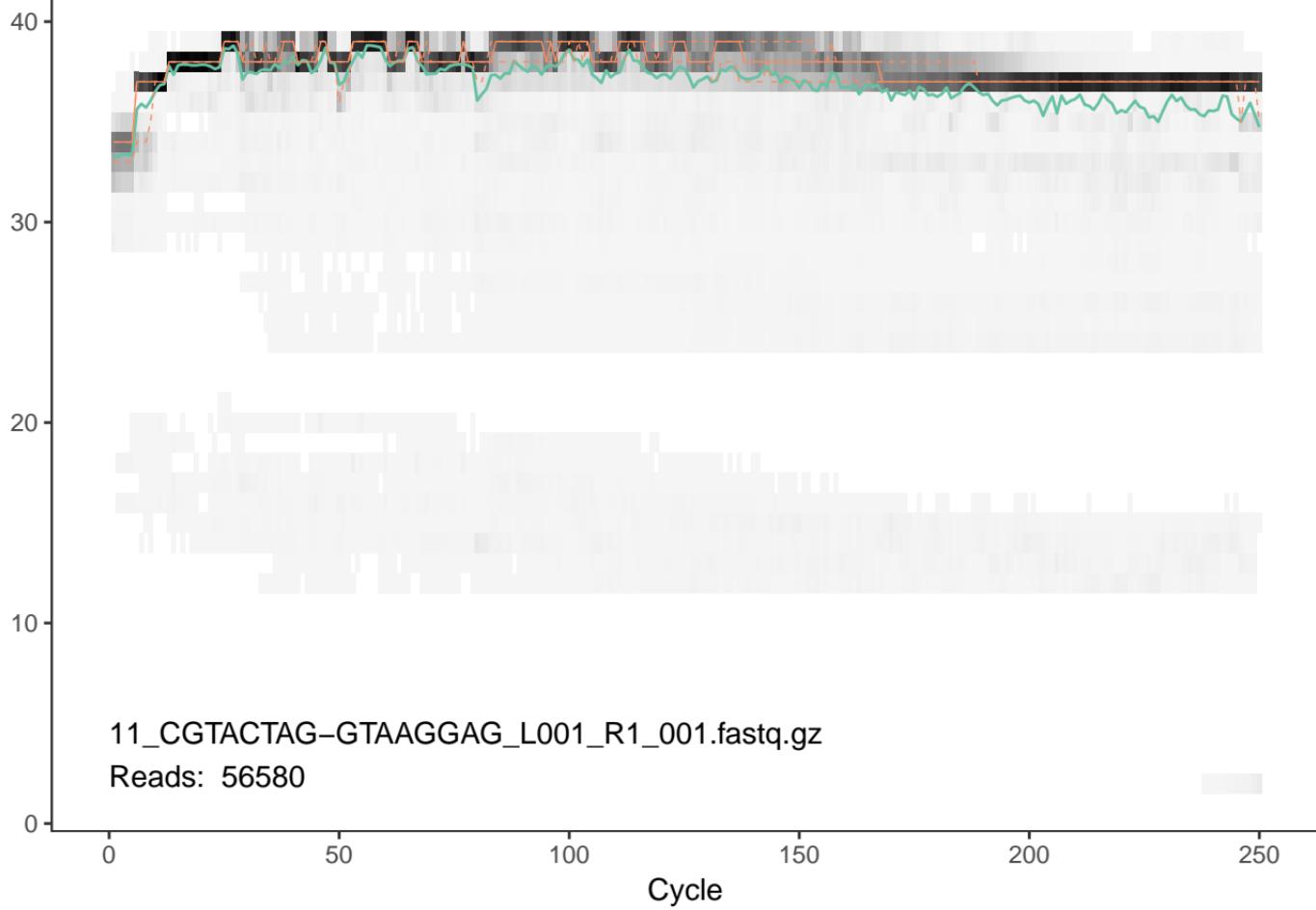
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Quality Score



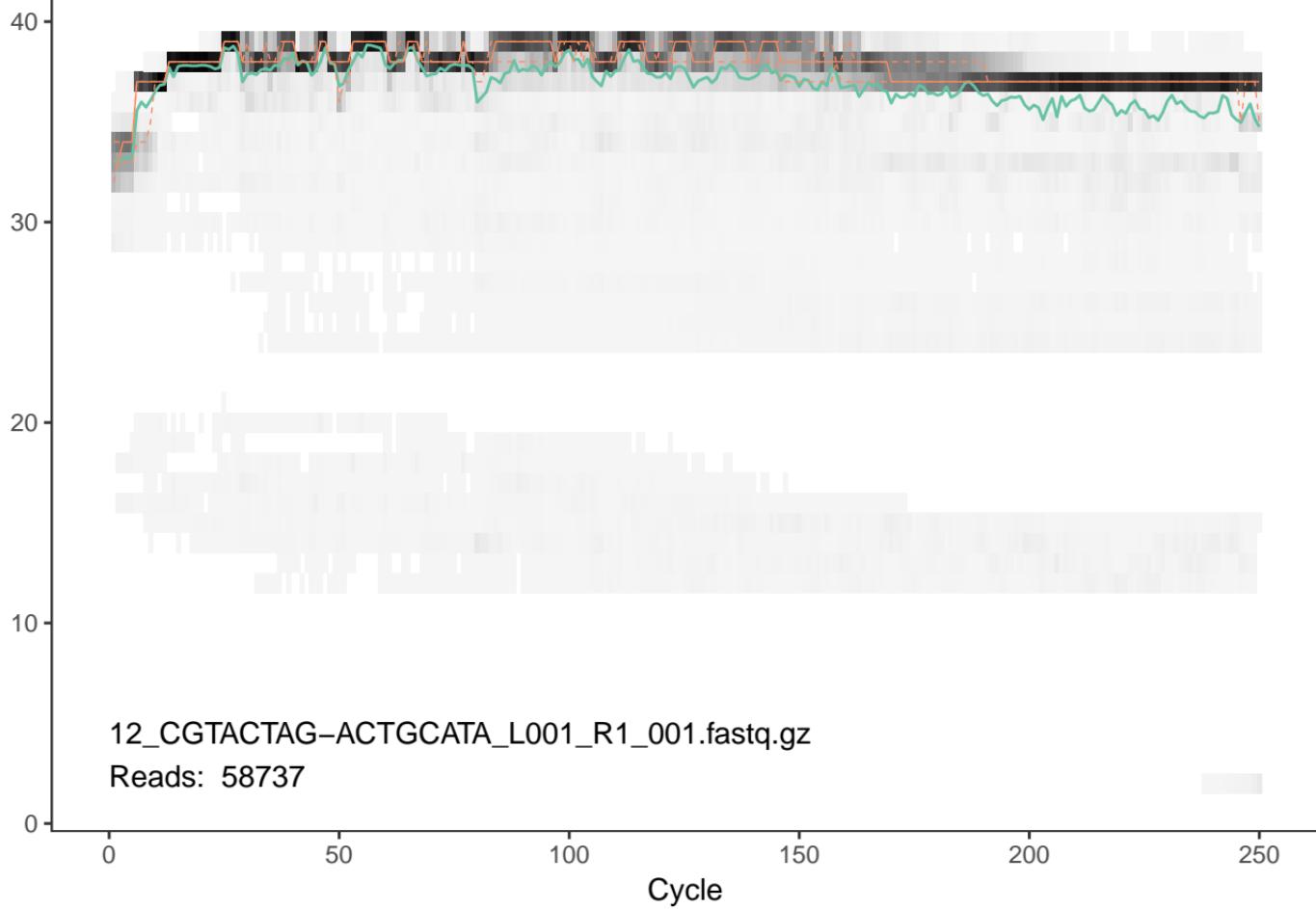
Fwd

Quality Score



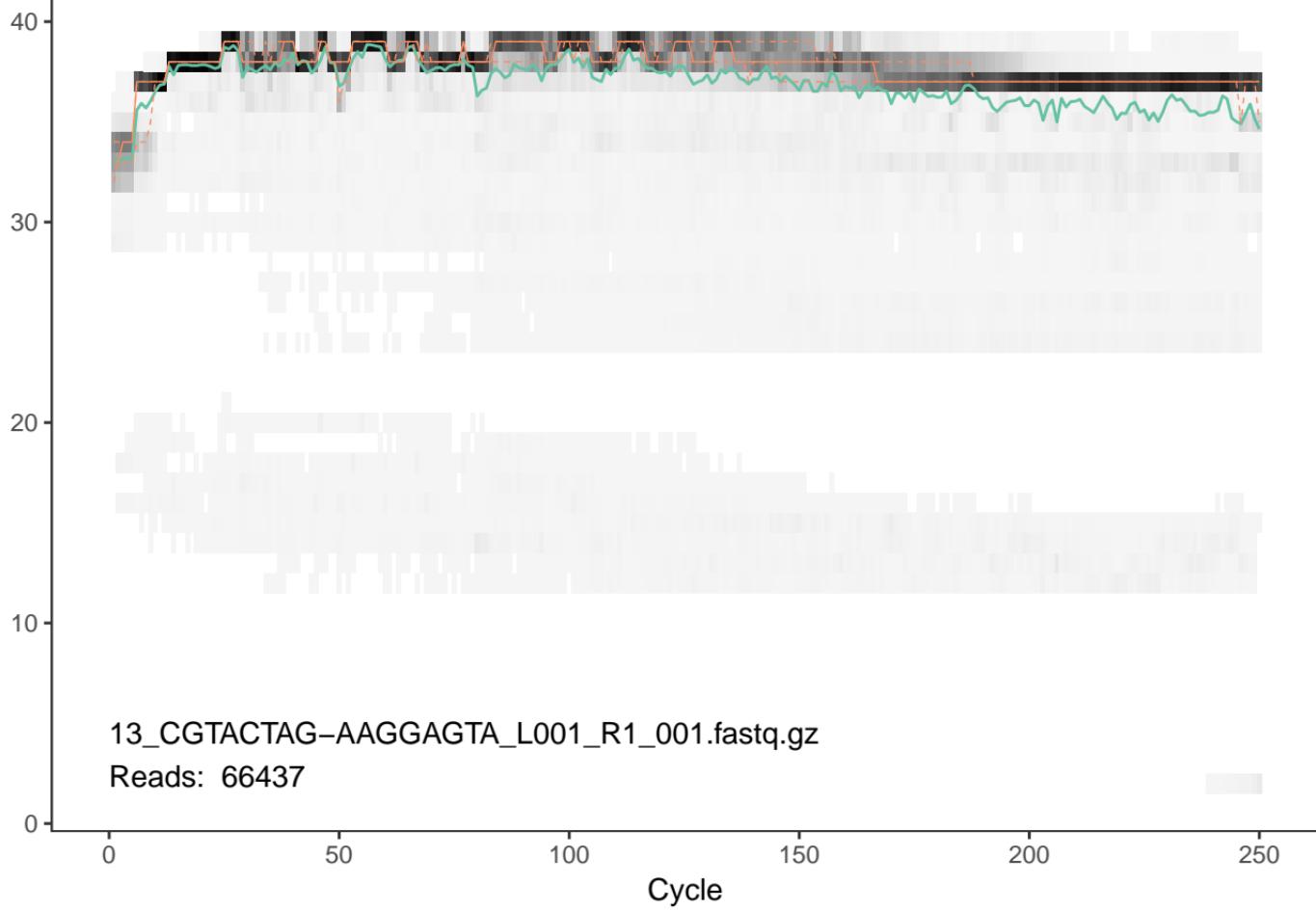
Fwd

Quality Score



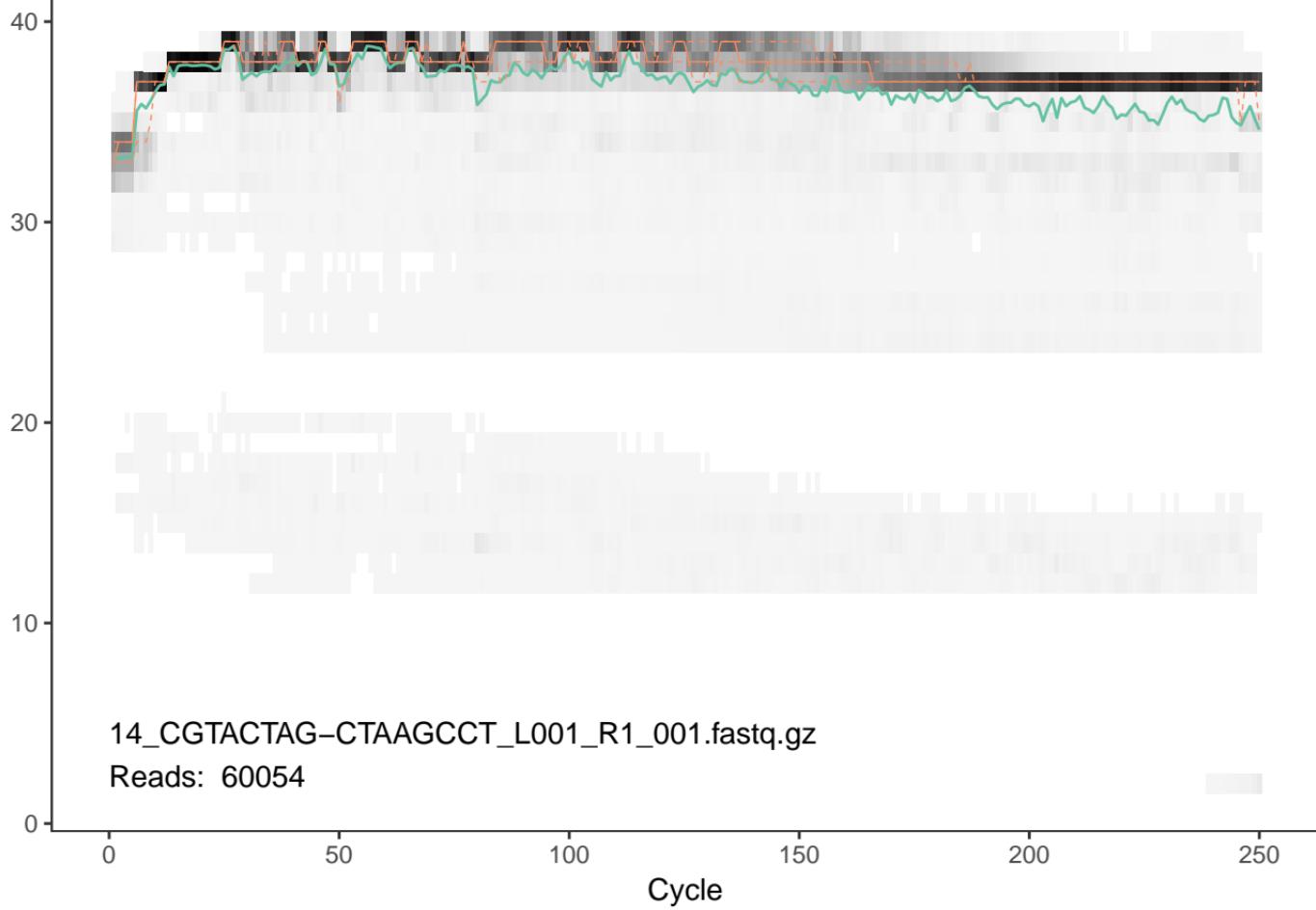
Fwd

Quality Score



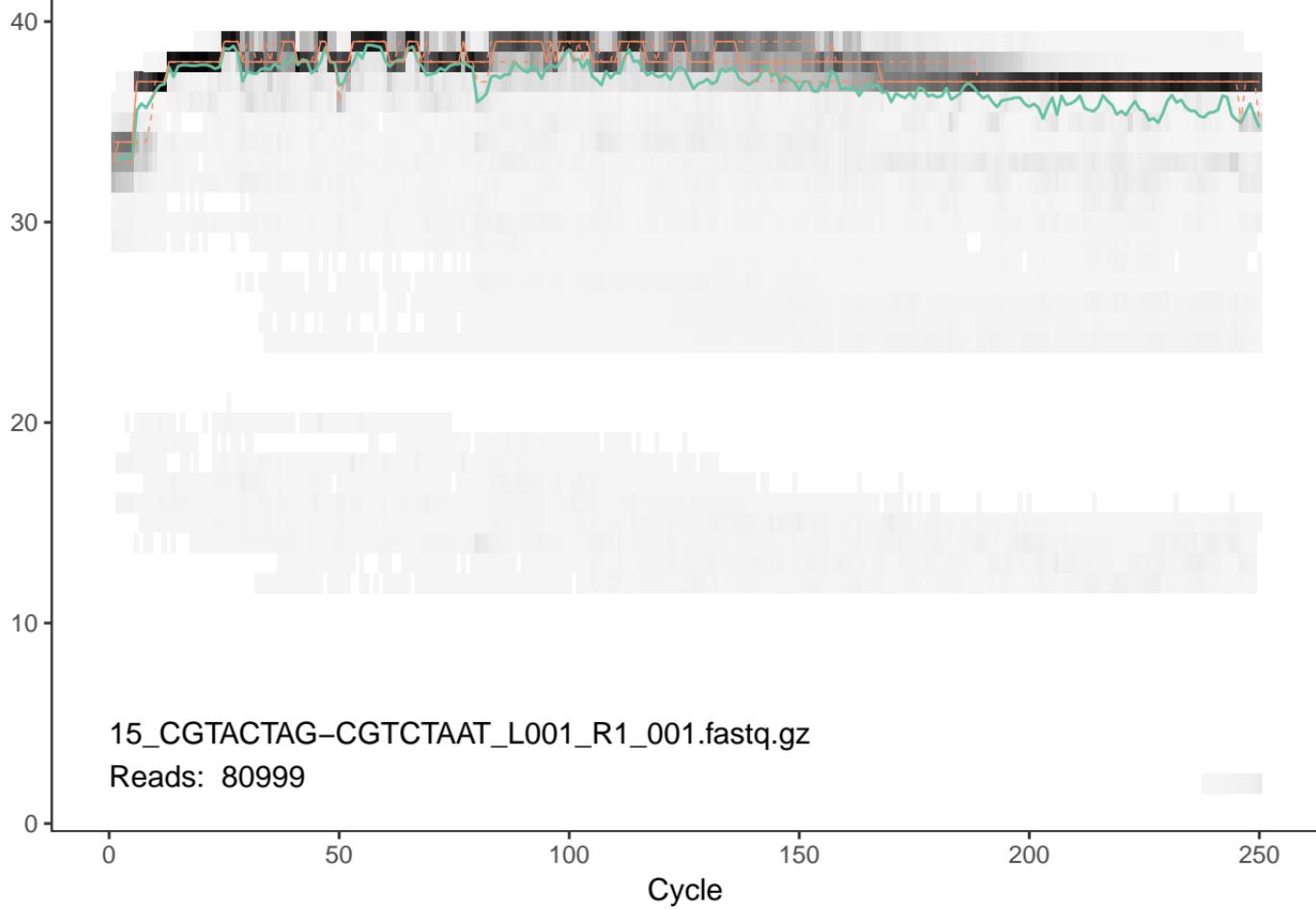
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Quality Score



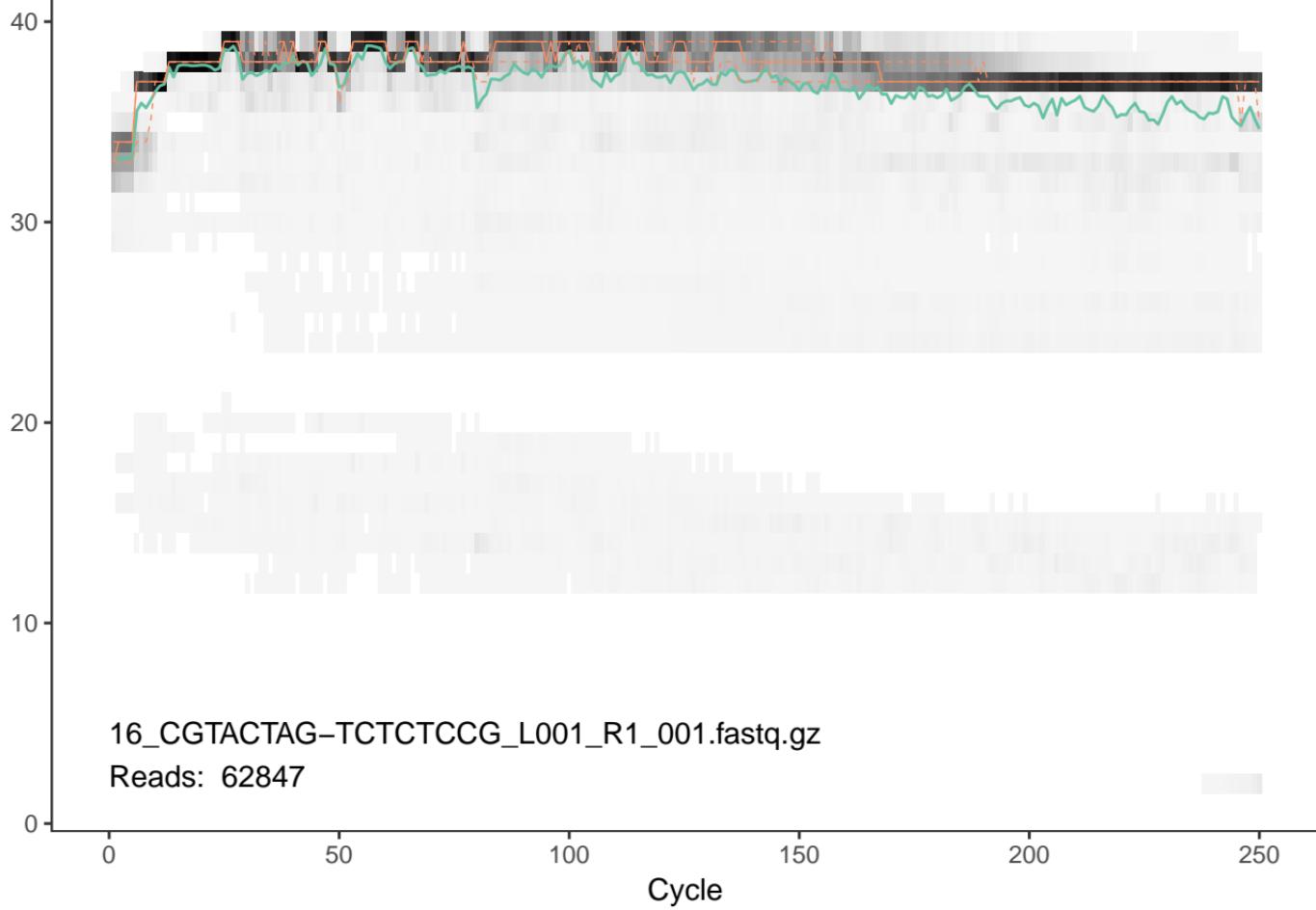
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Quality Score



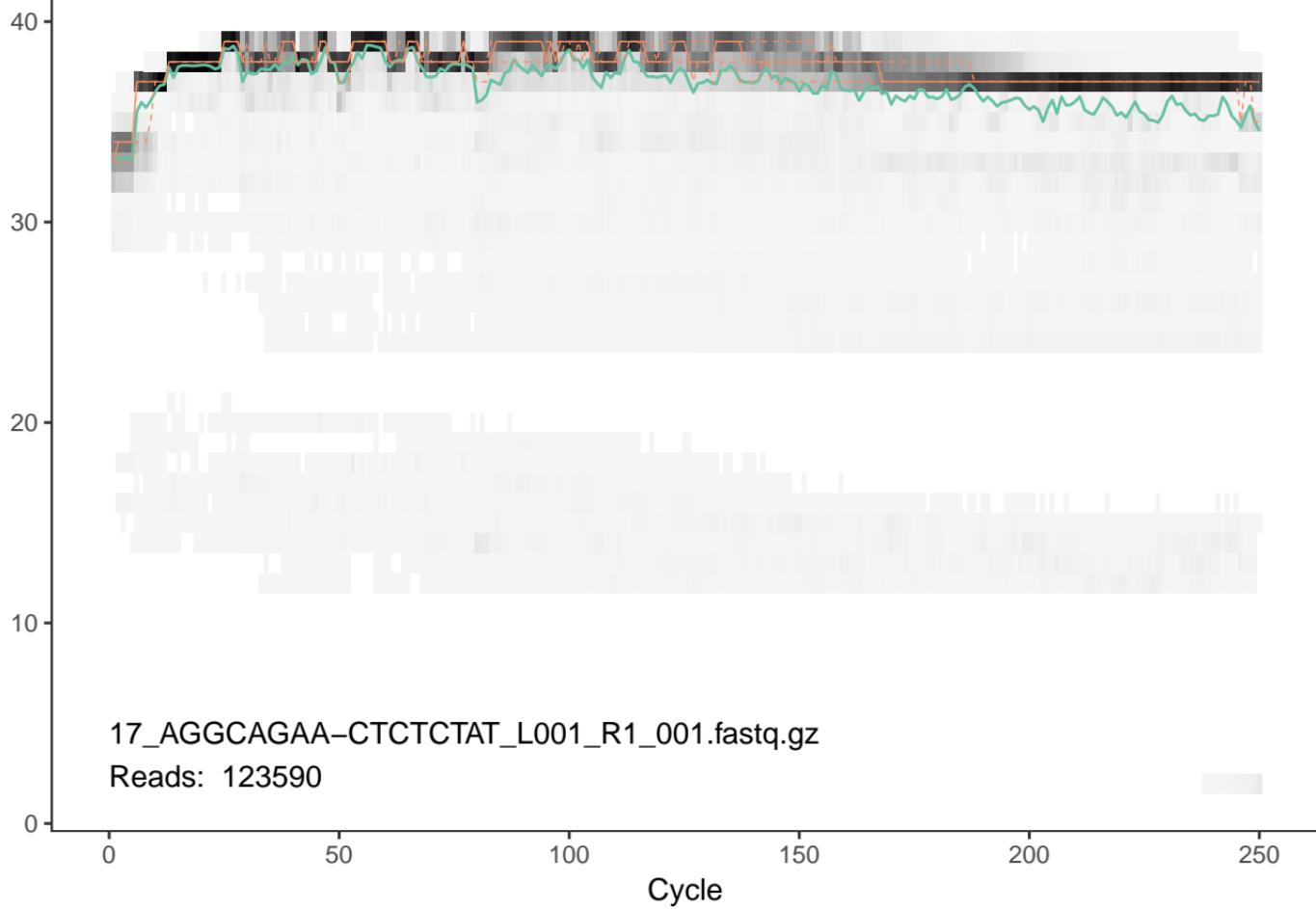
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Quality Score



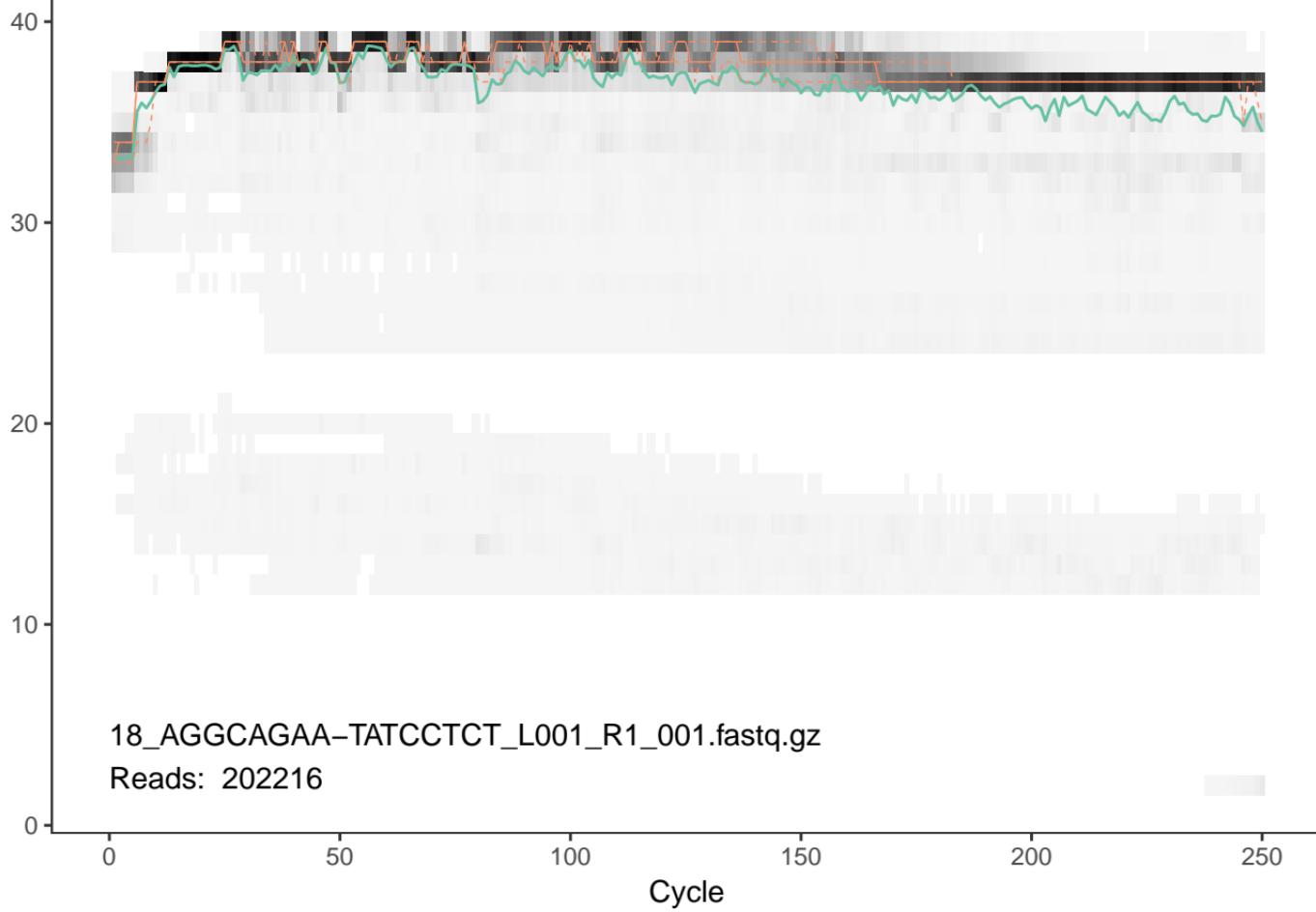
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Quality Score



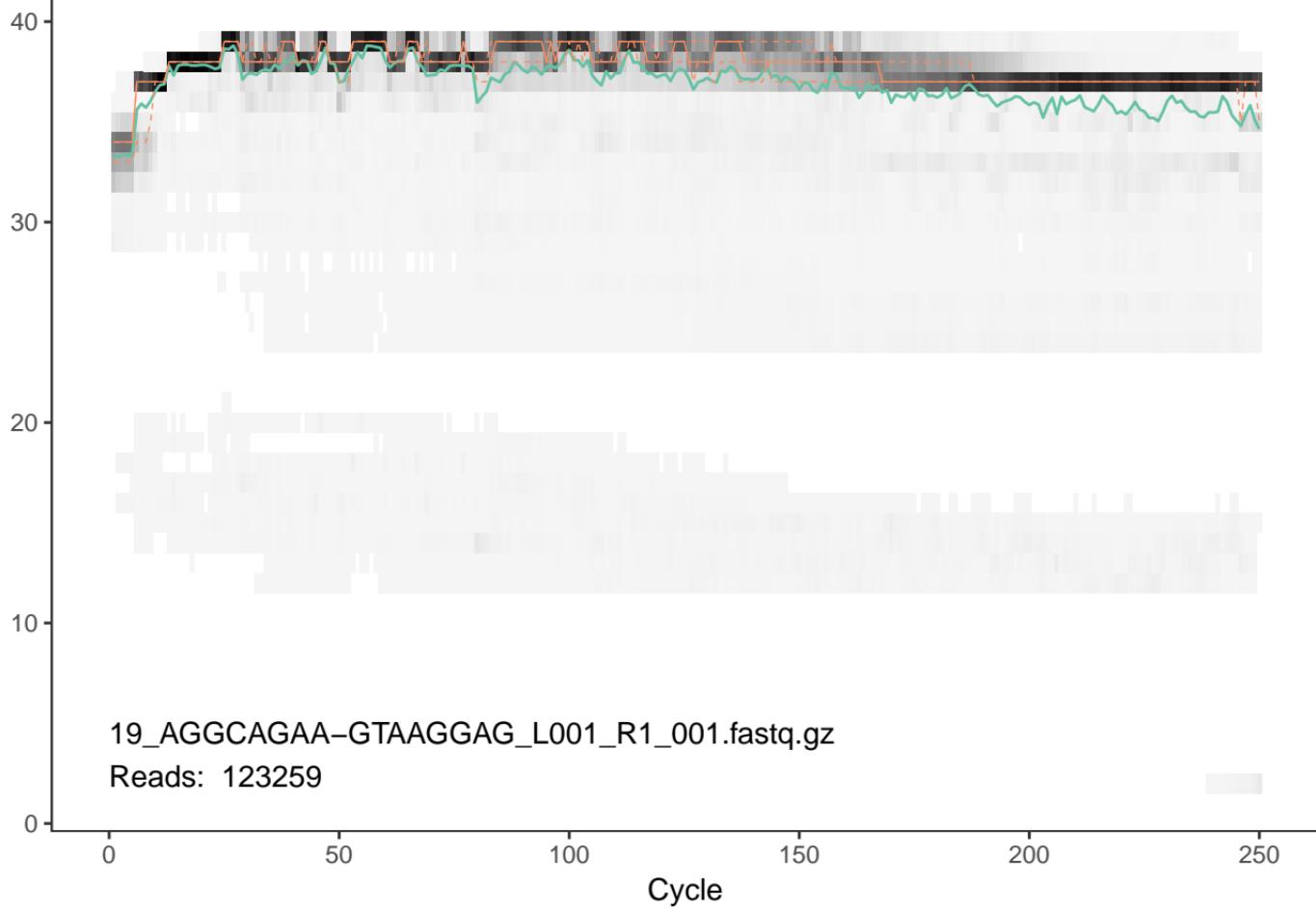
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Quality Score



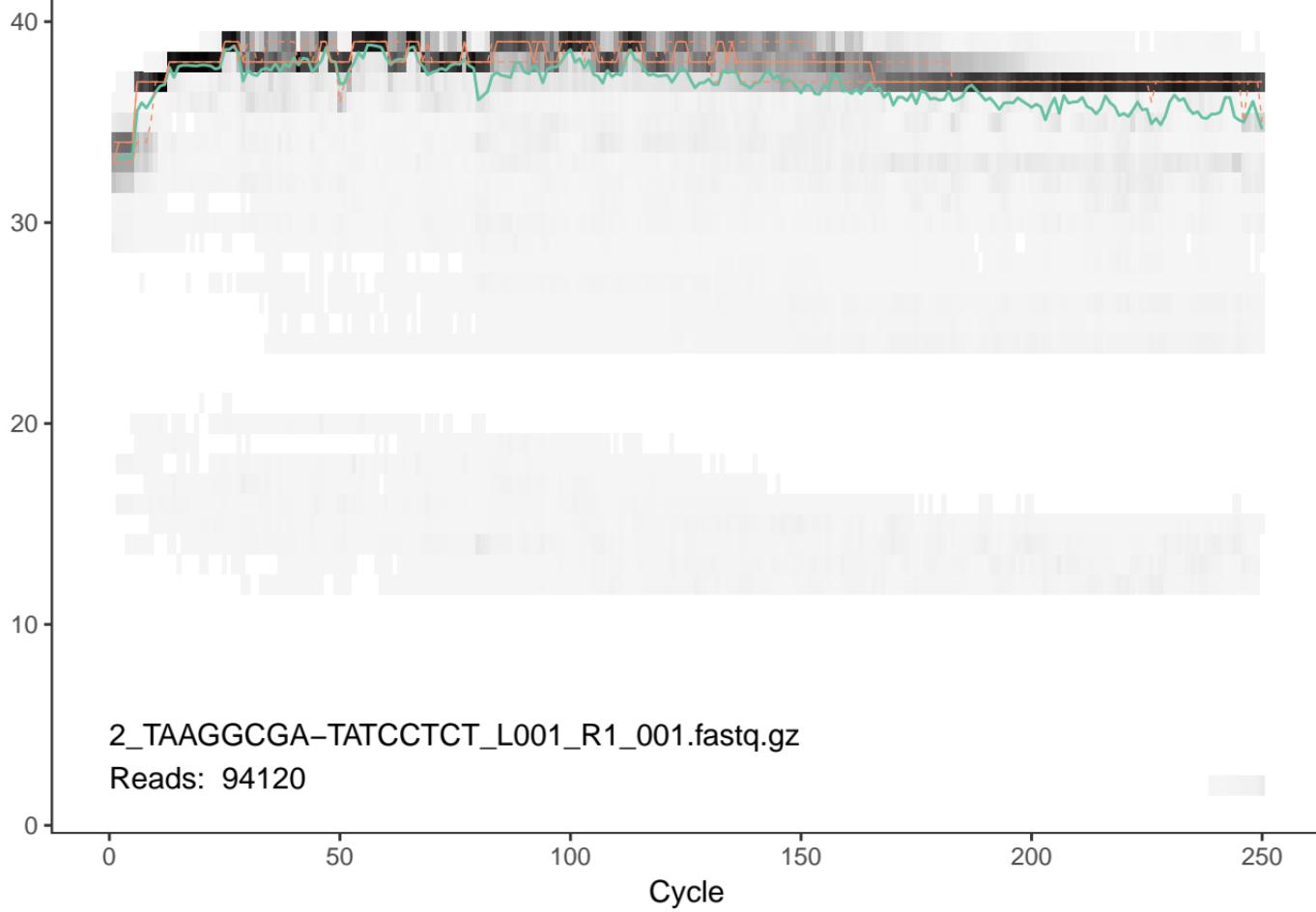
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Quality Score



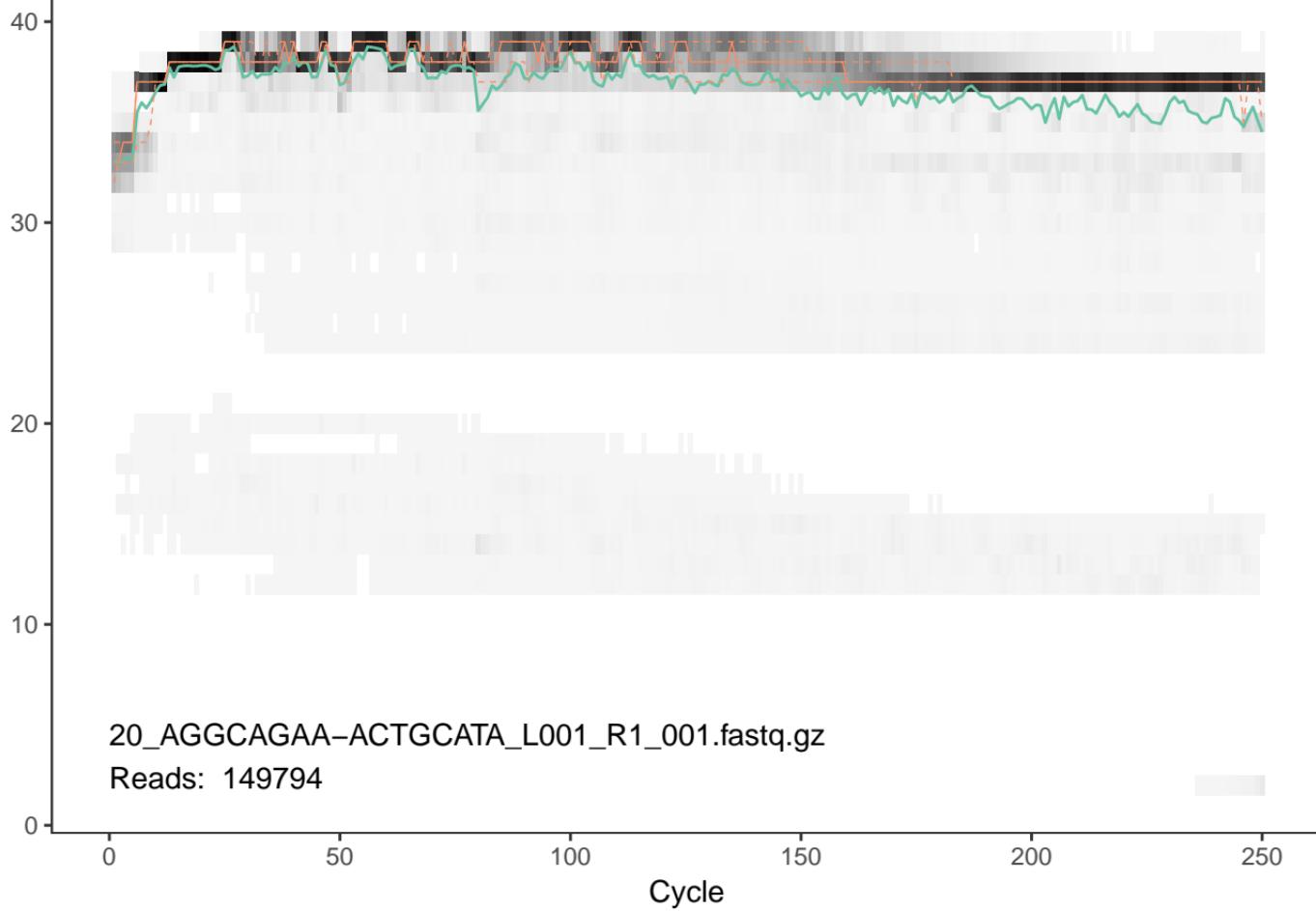
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Quality Score



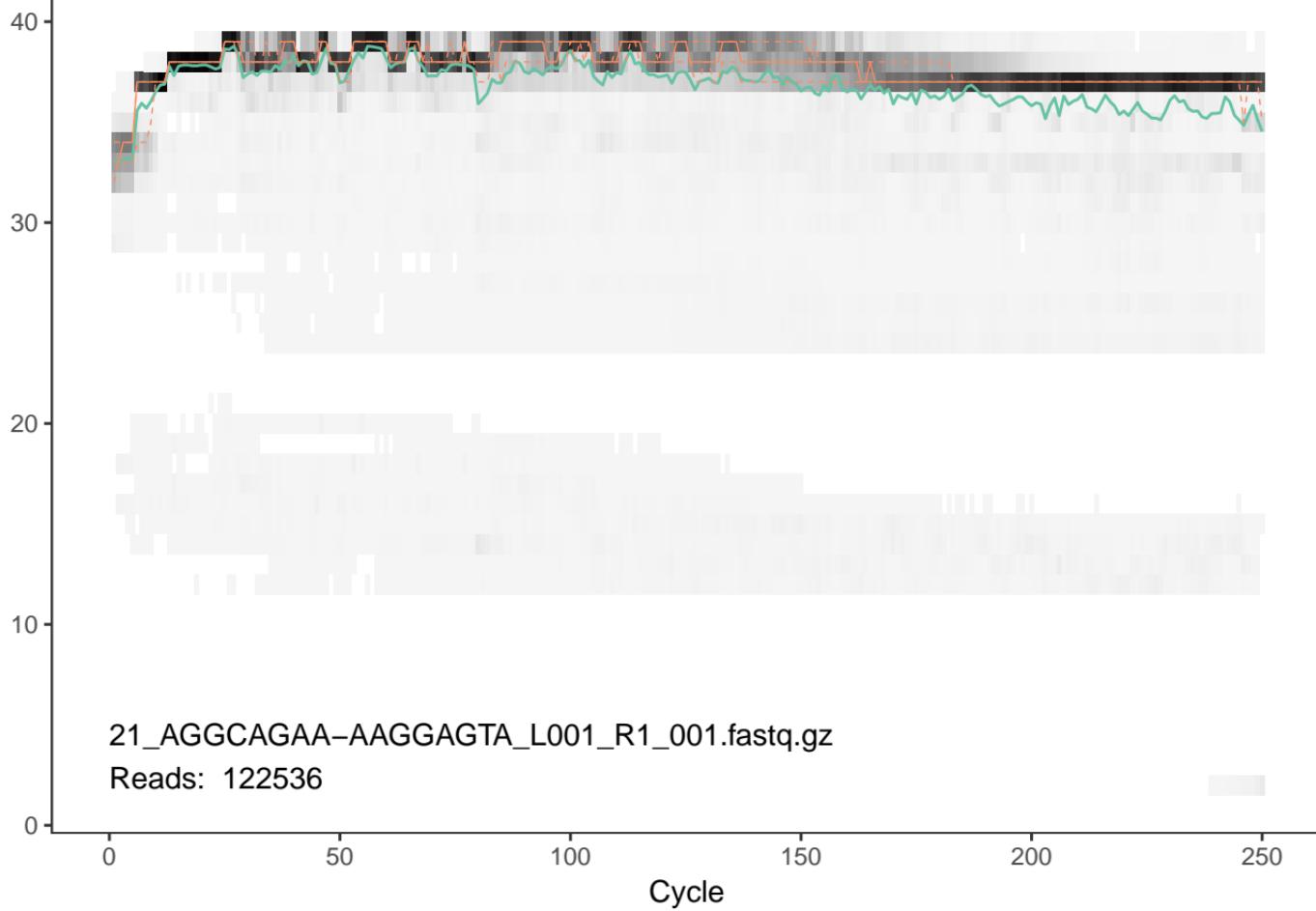
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Quality Score



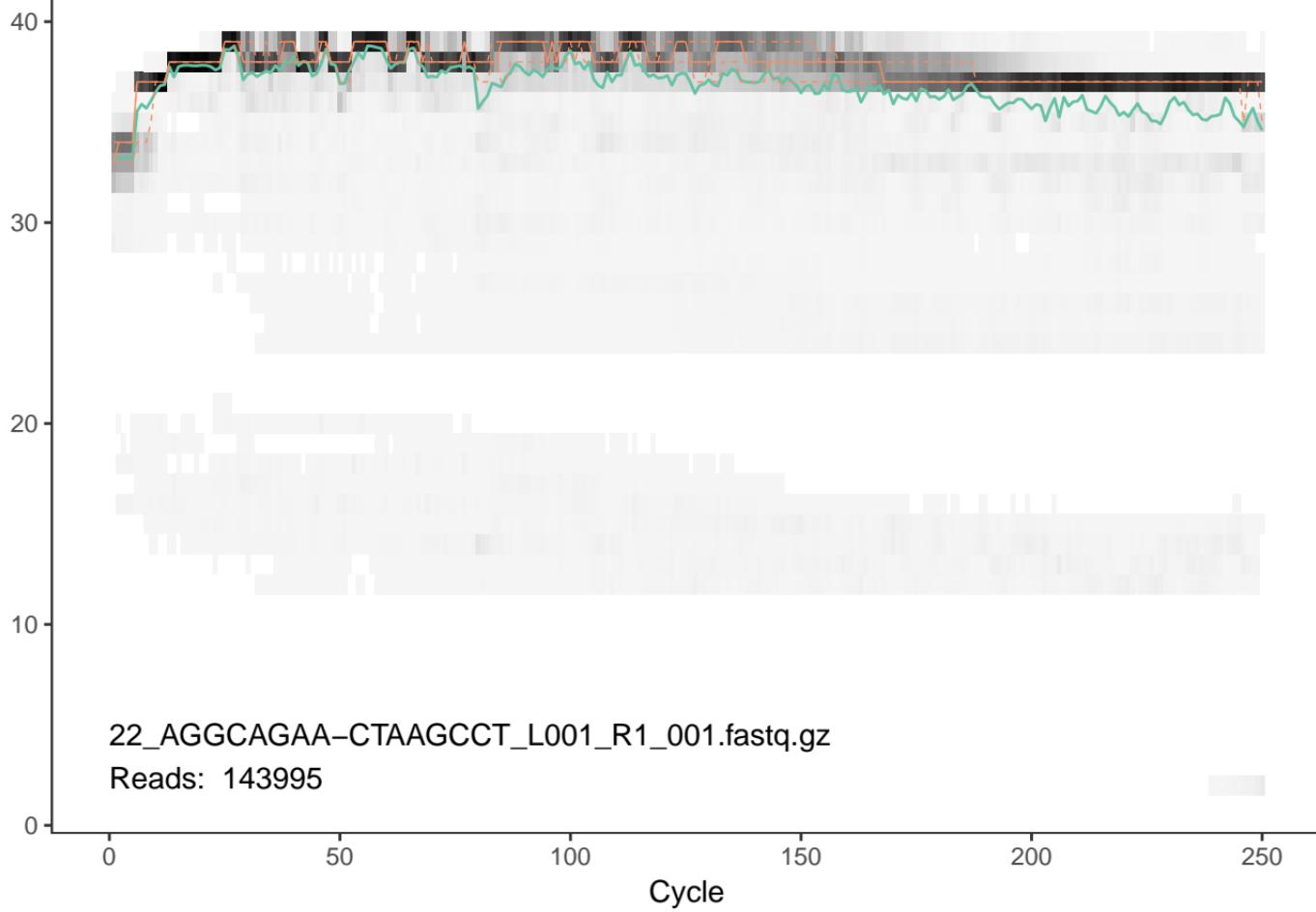
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Quality Score



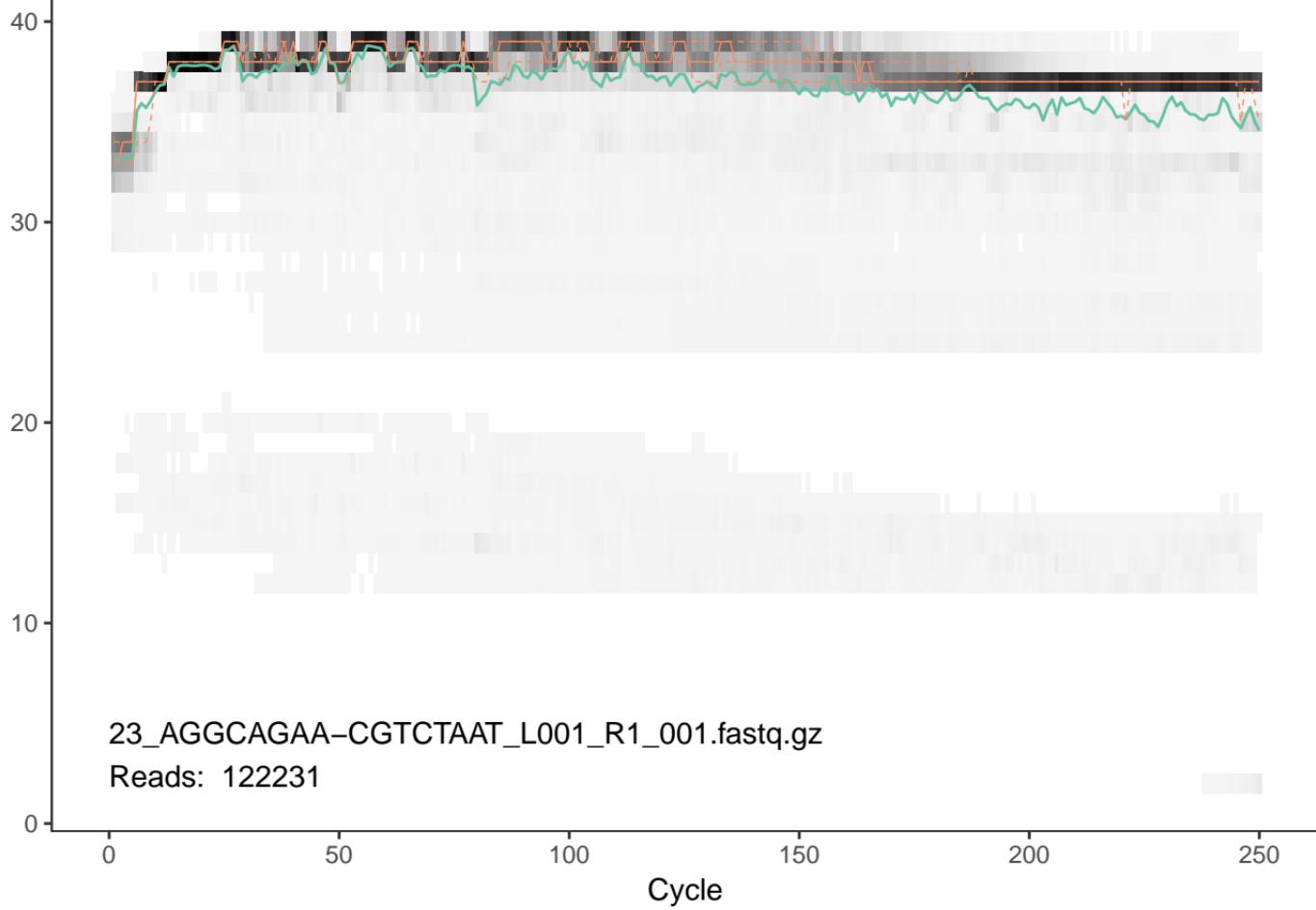
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Quality Score



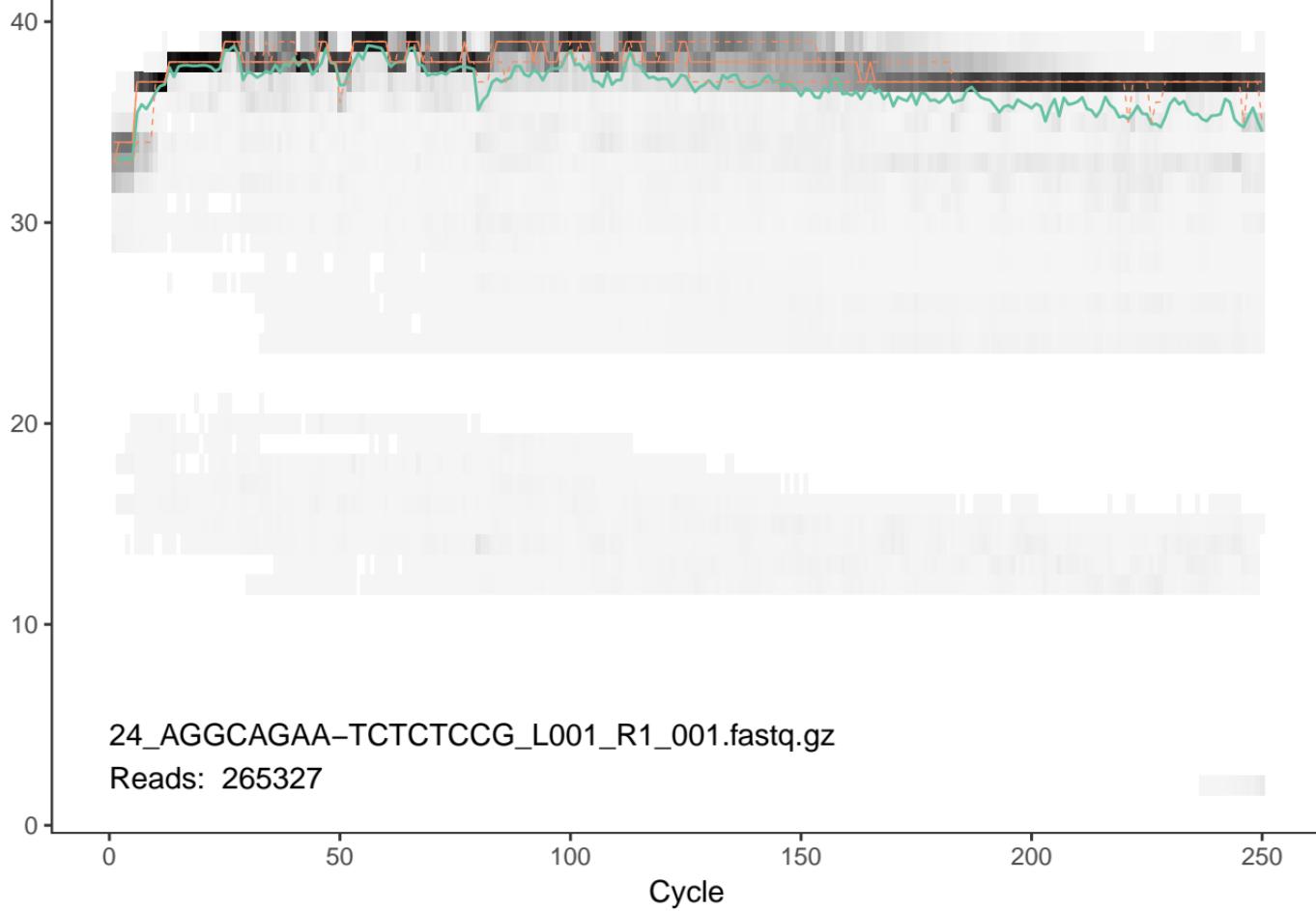
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Quality Score



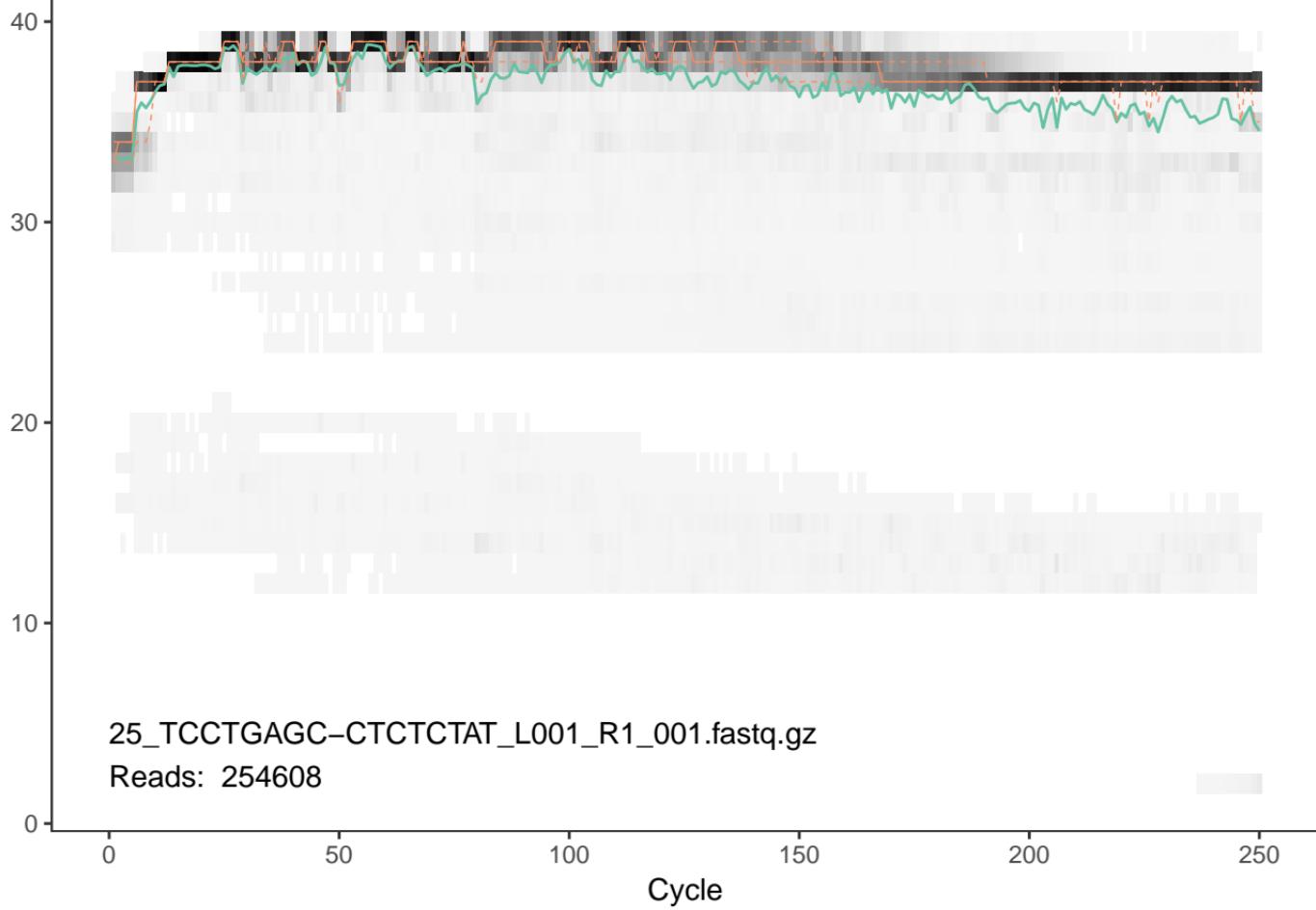
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Quality Score



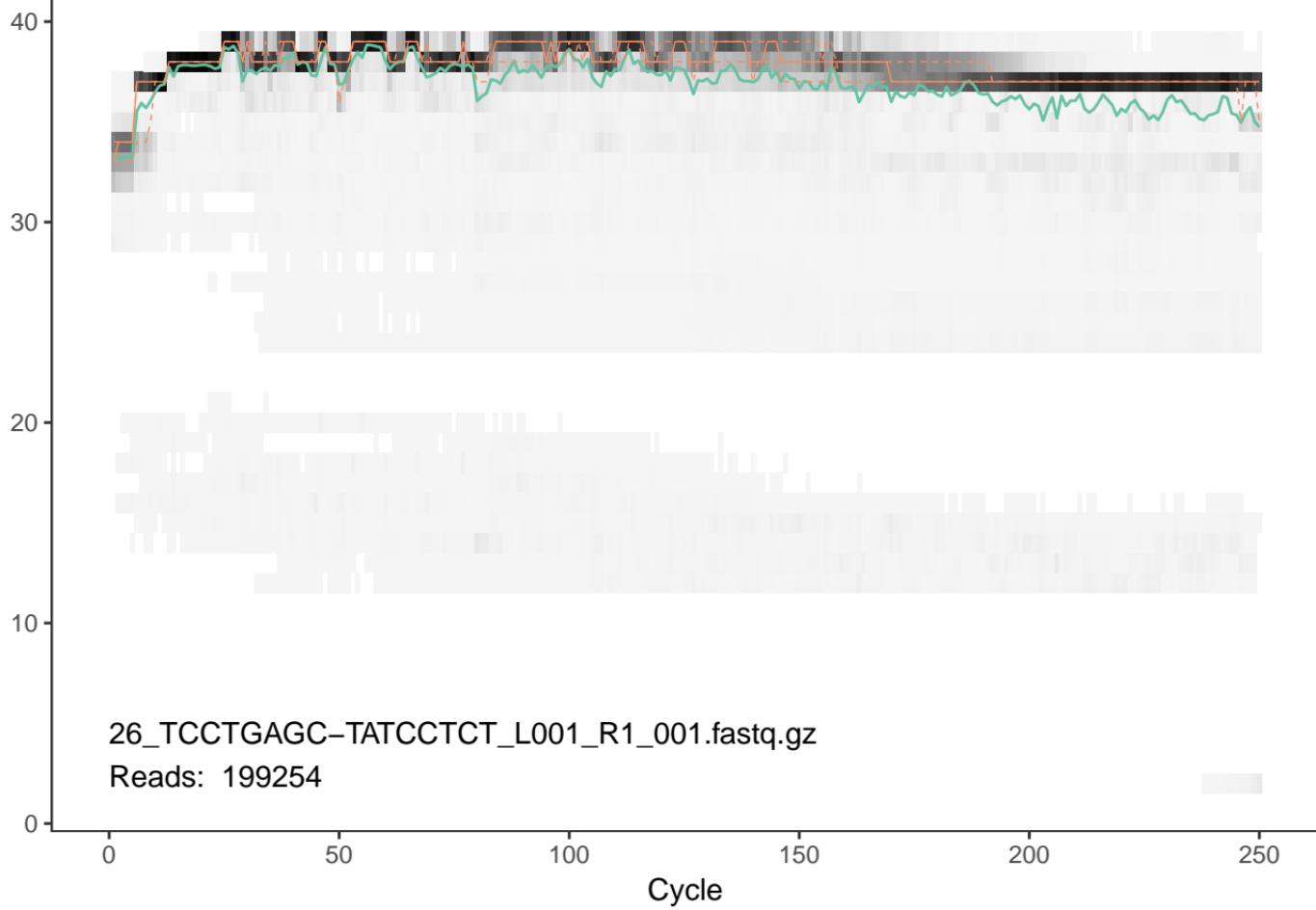
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Quality Score



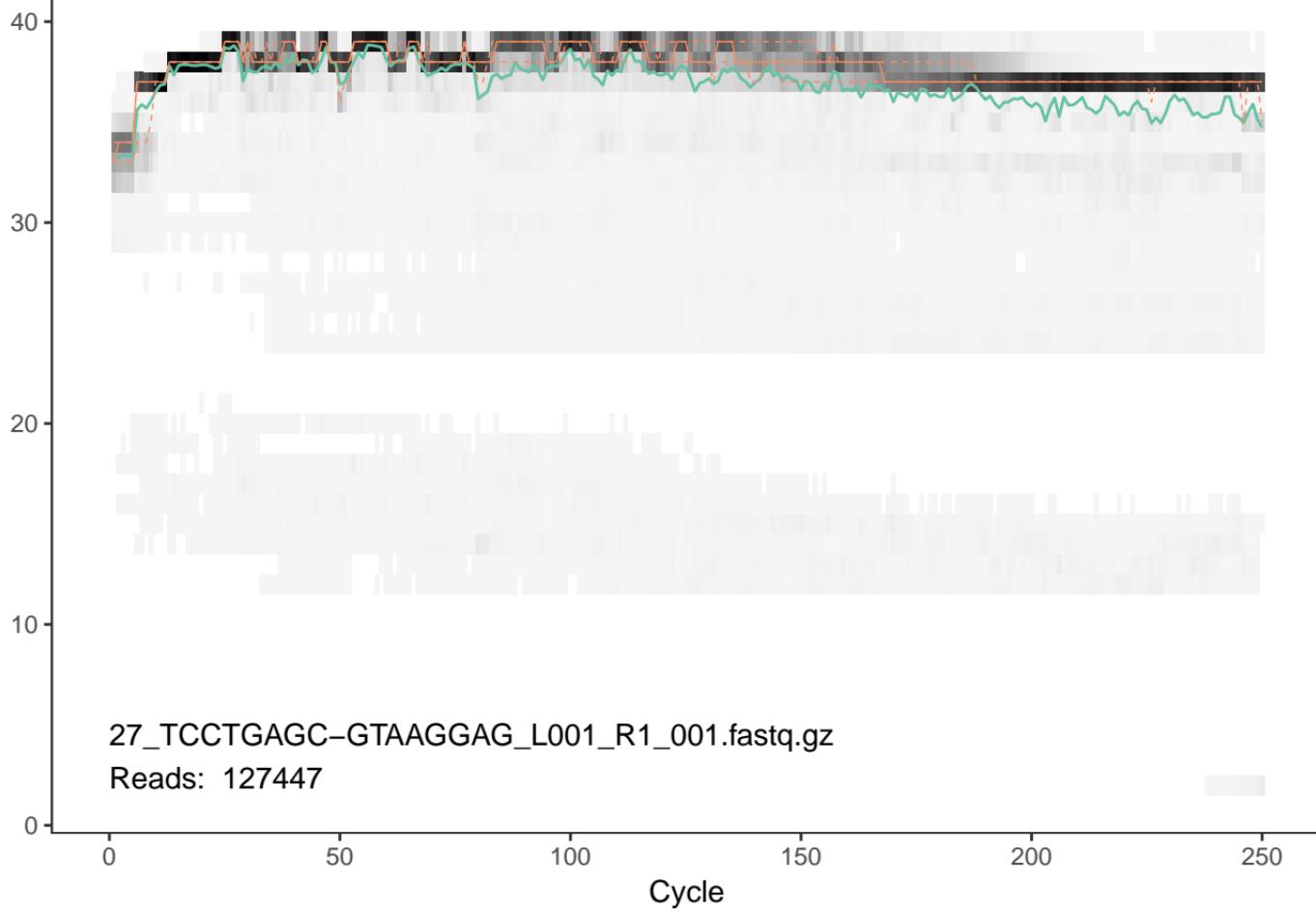
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Quality Score



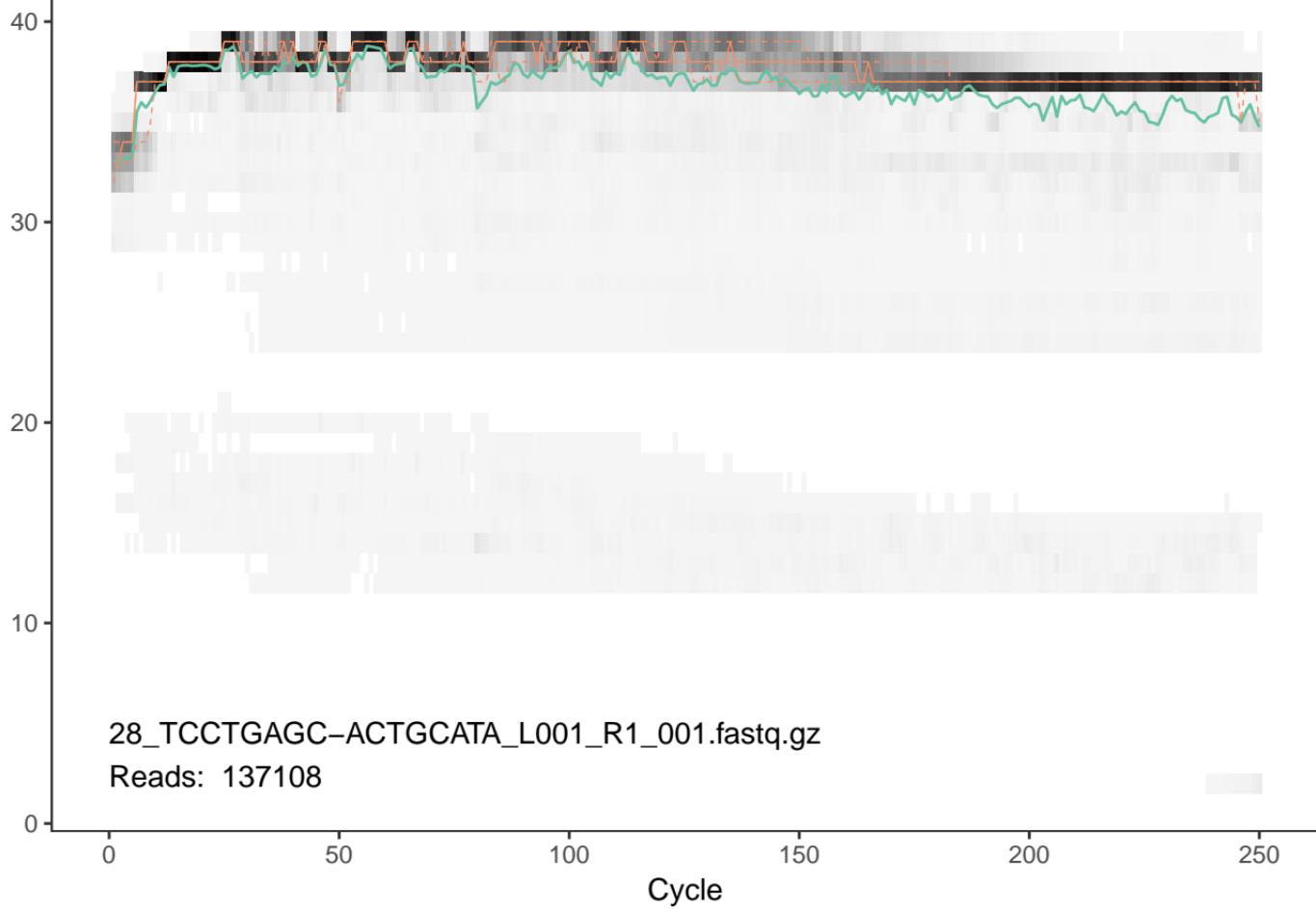
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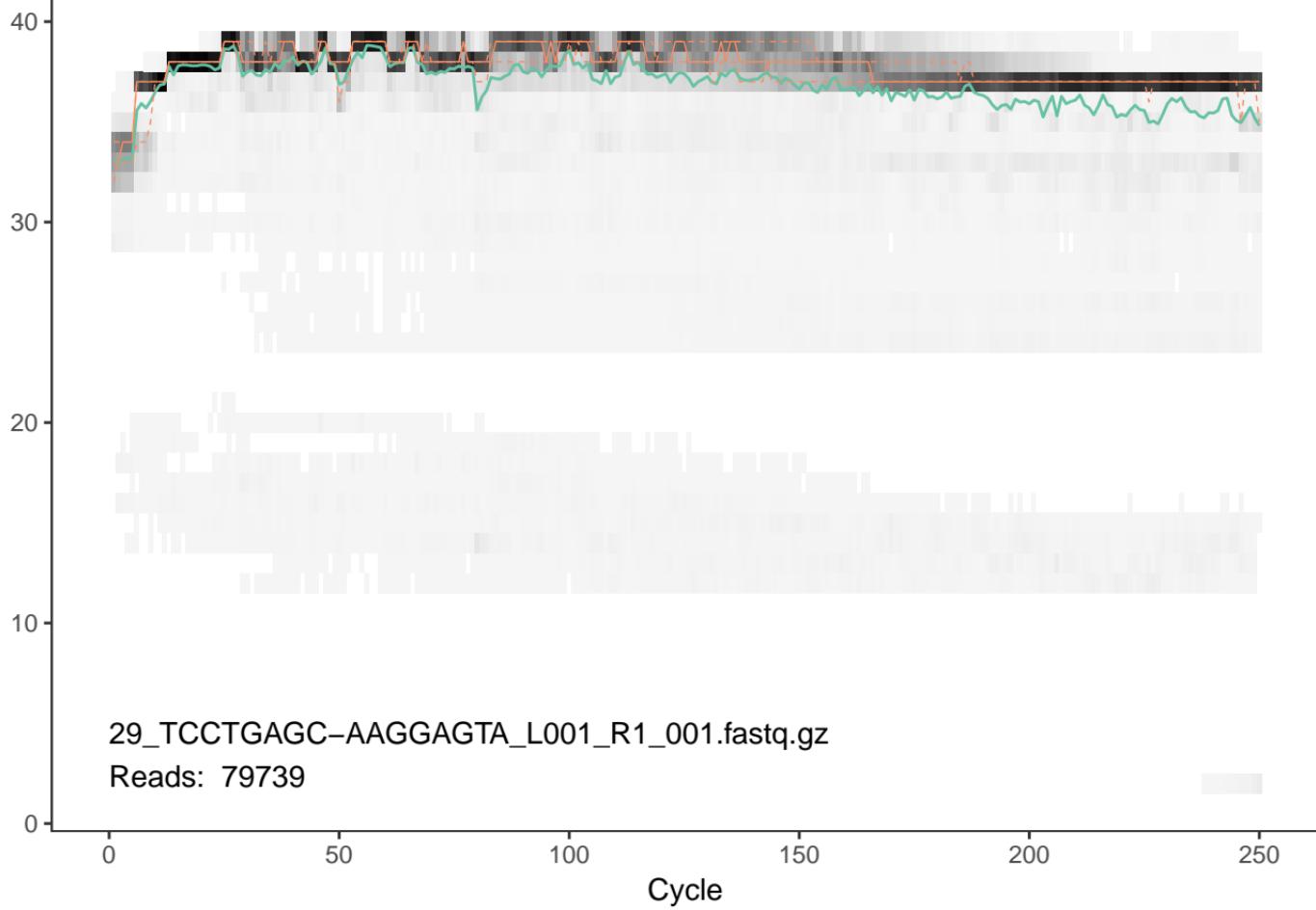
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Quality Score



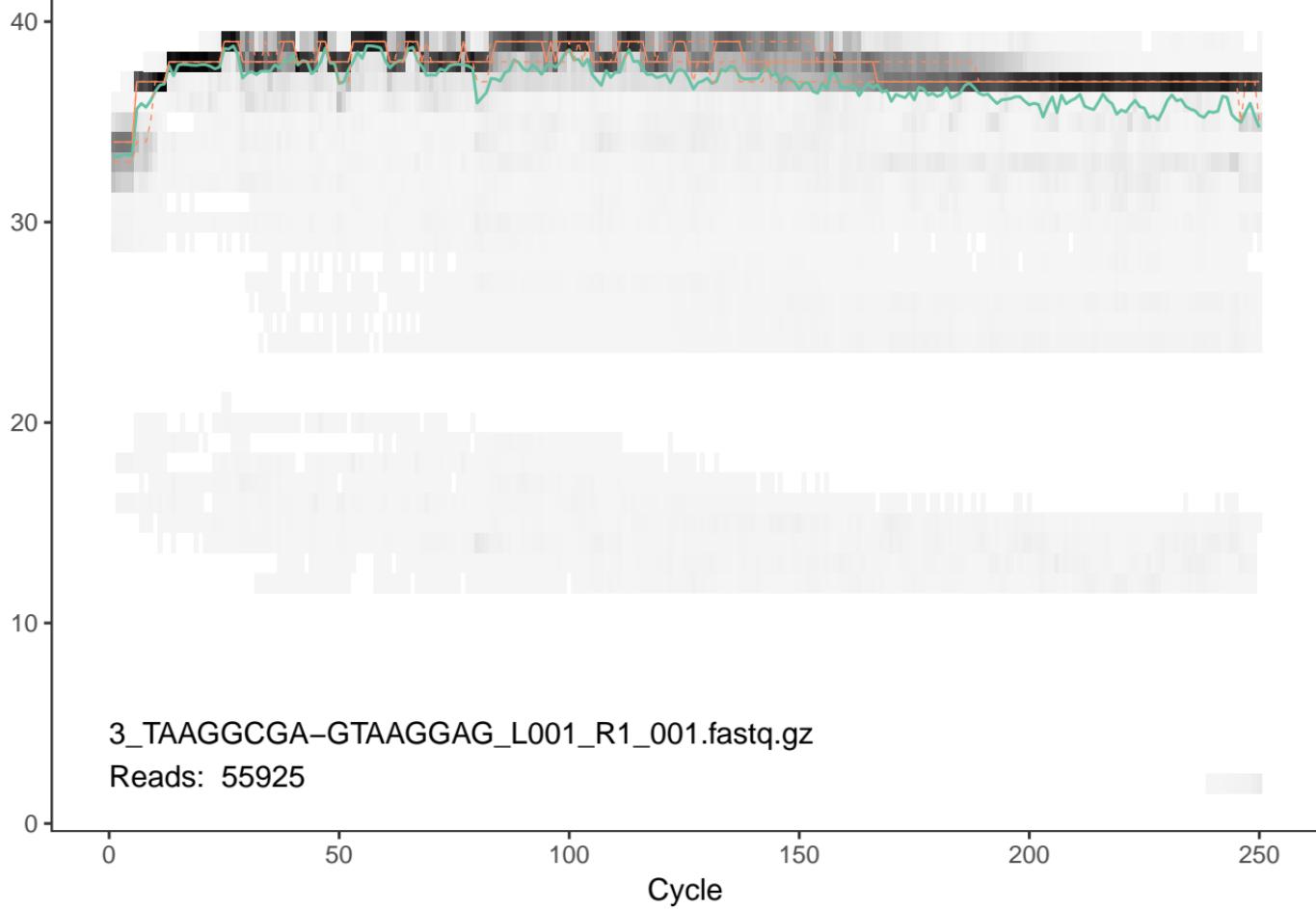
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Quality Score



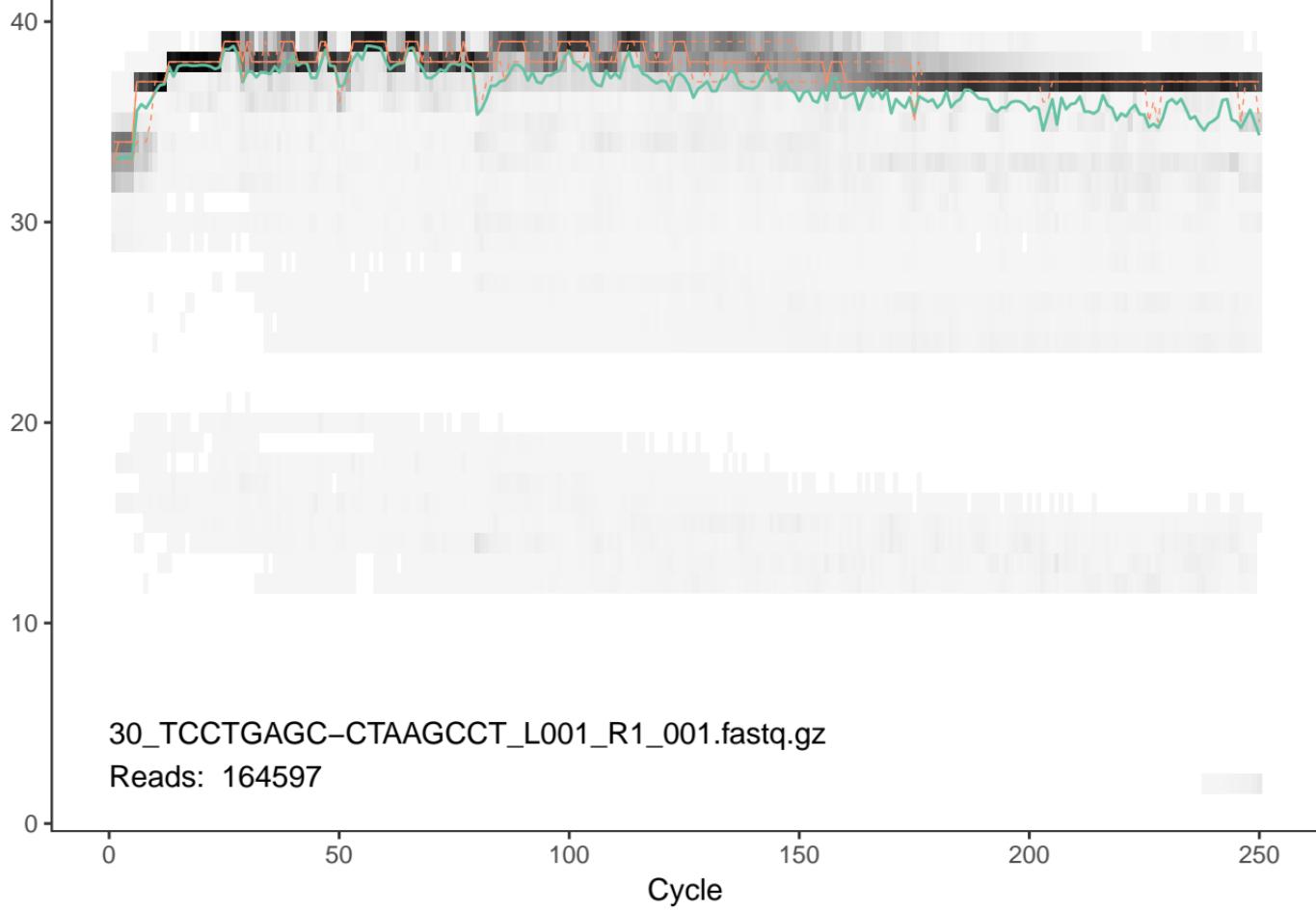
Fwd

Quality Score



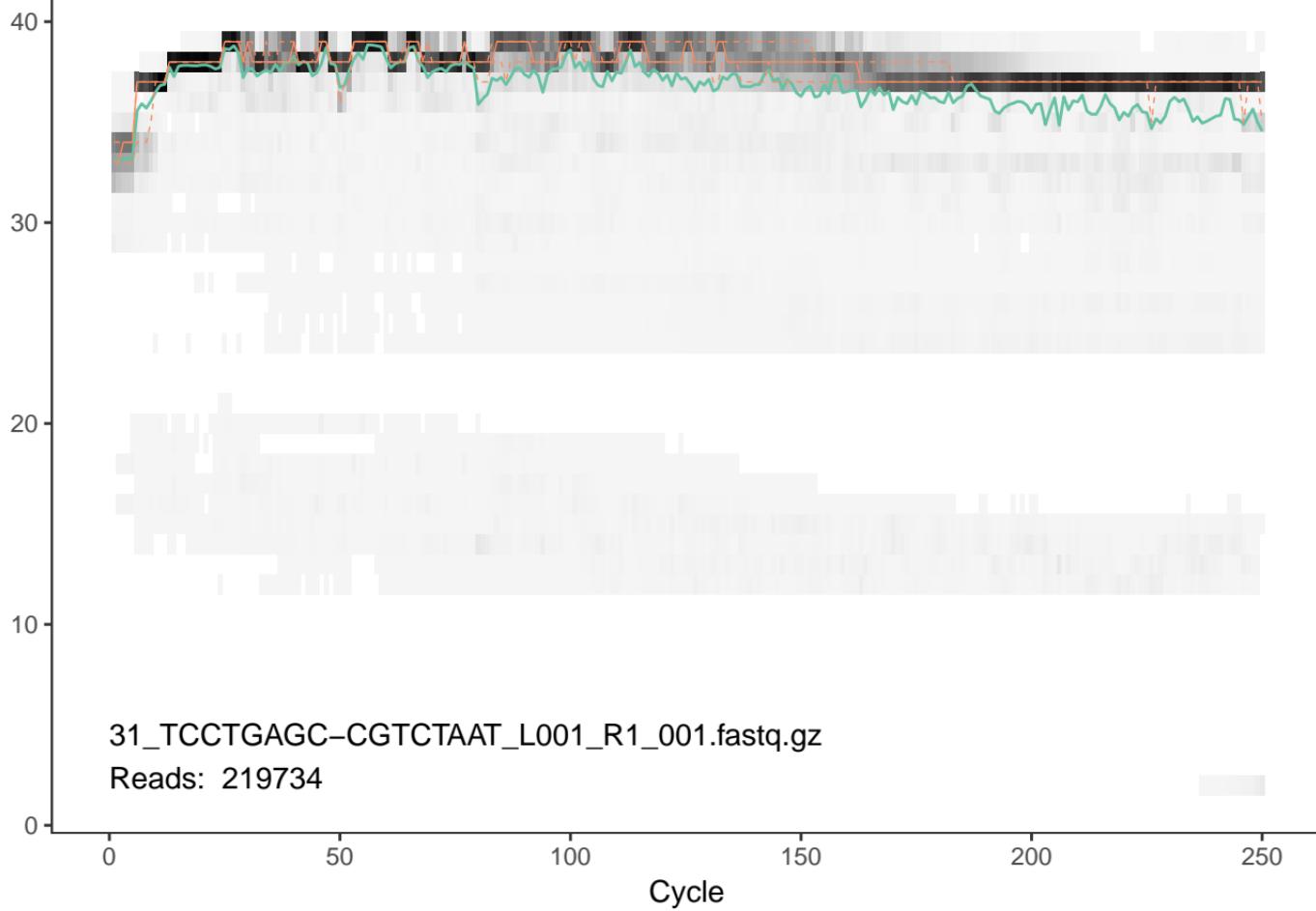
Fwd

Quality Score



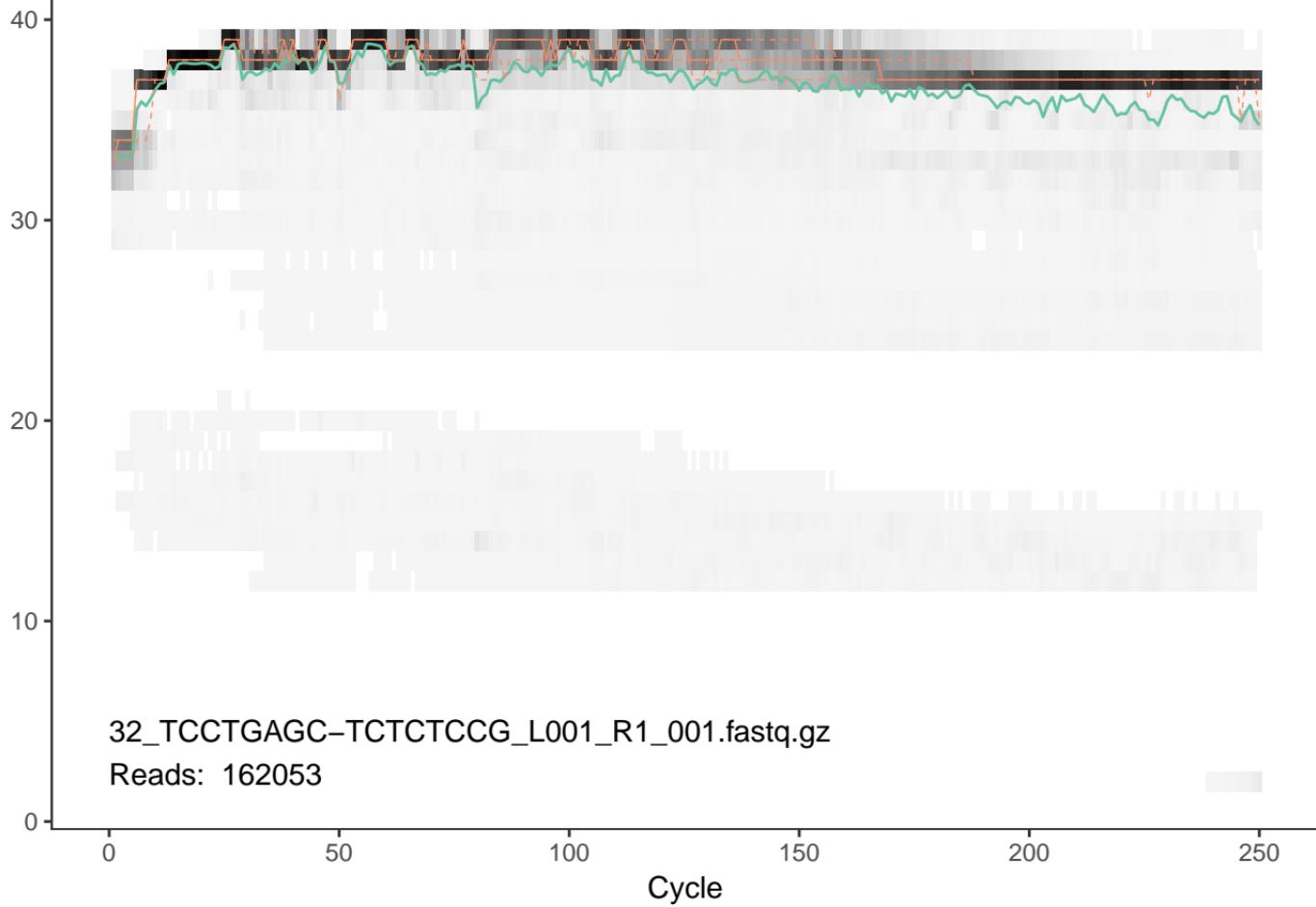
Fwd

Quality Score



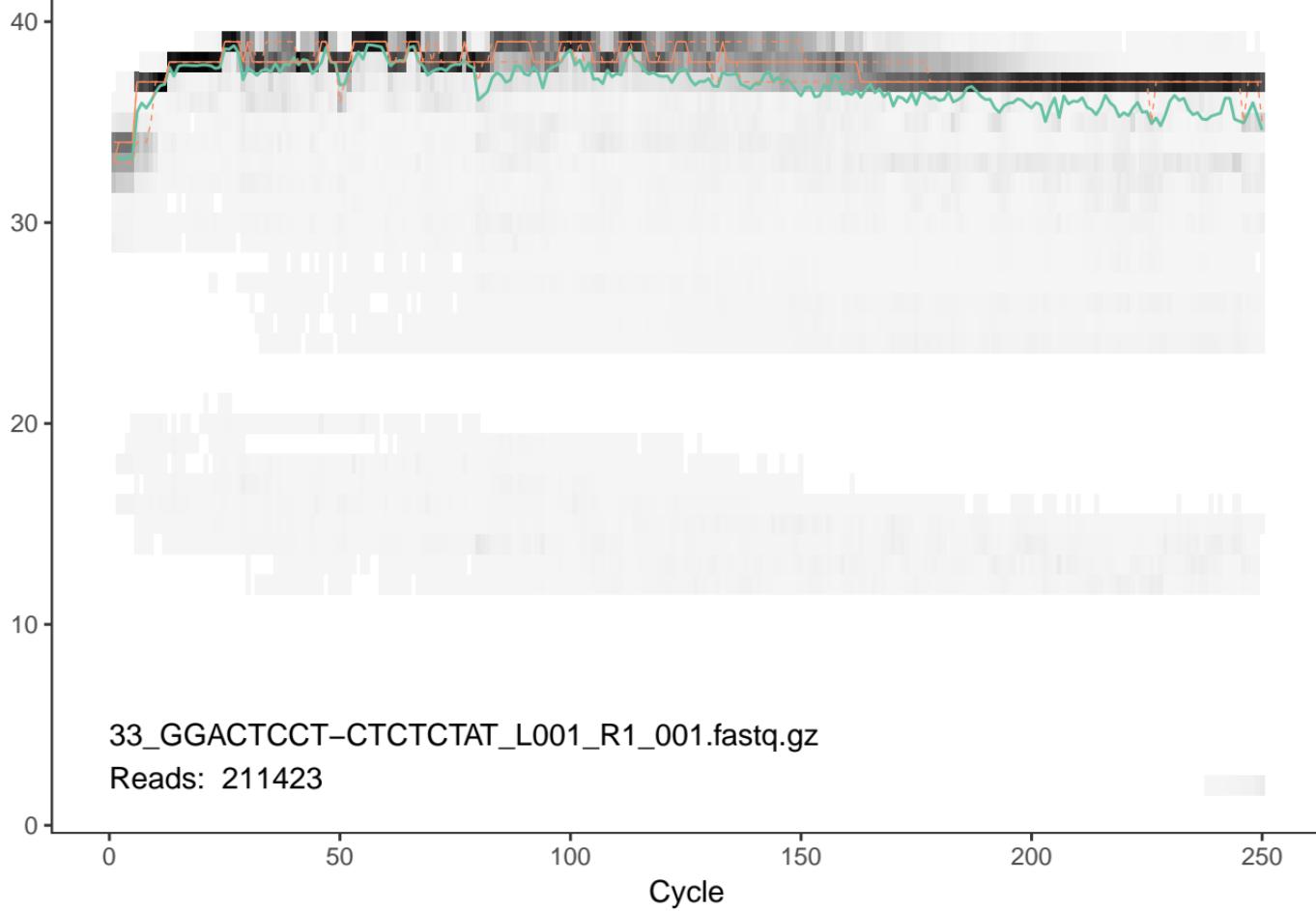
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Quality Score



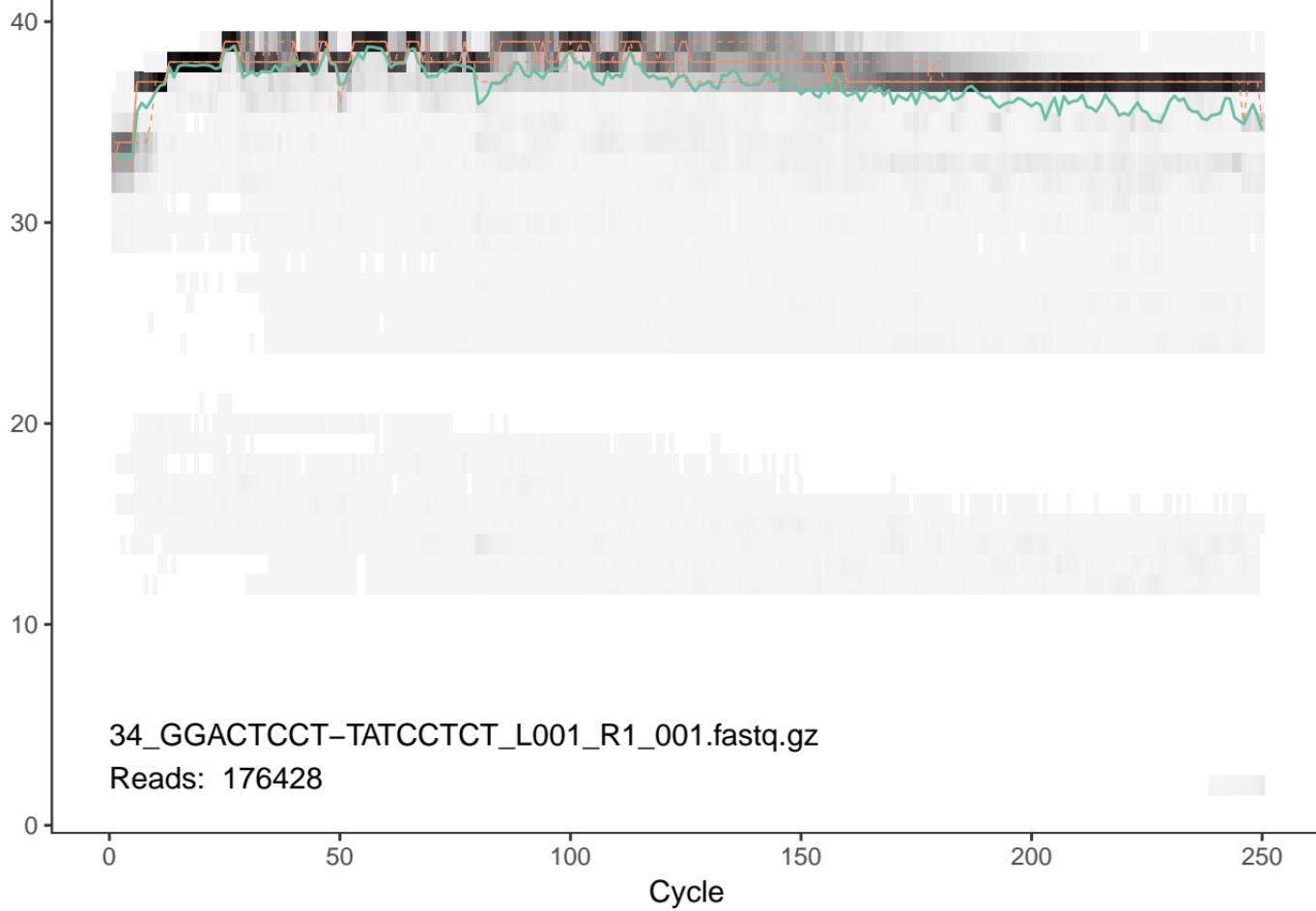
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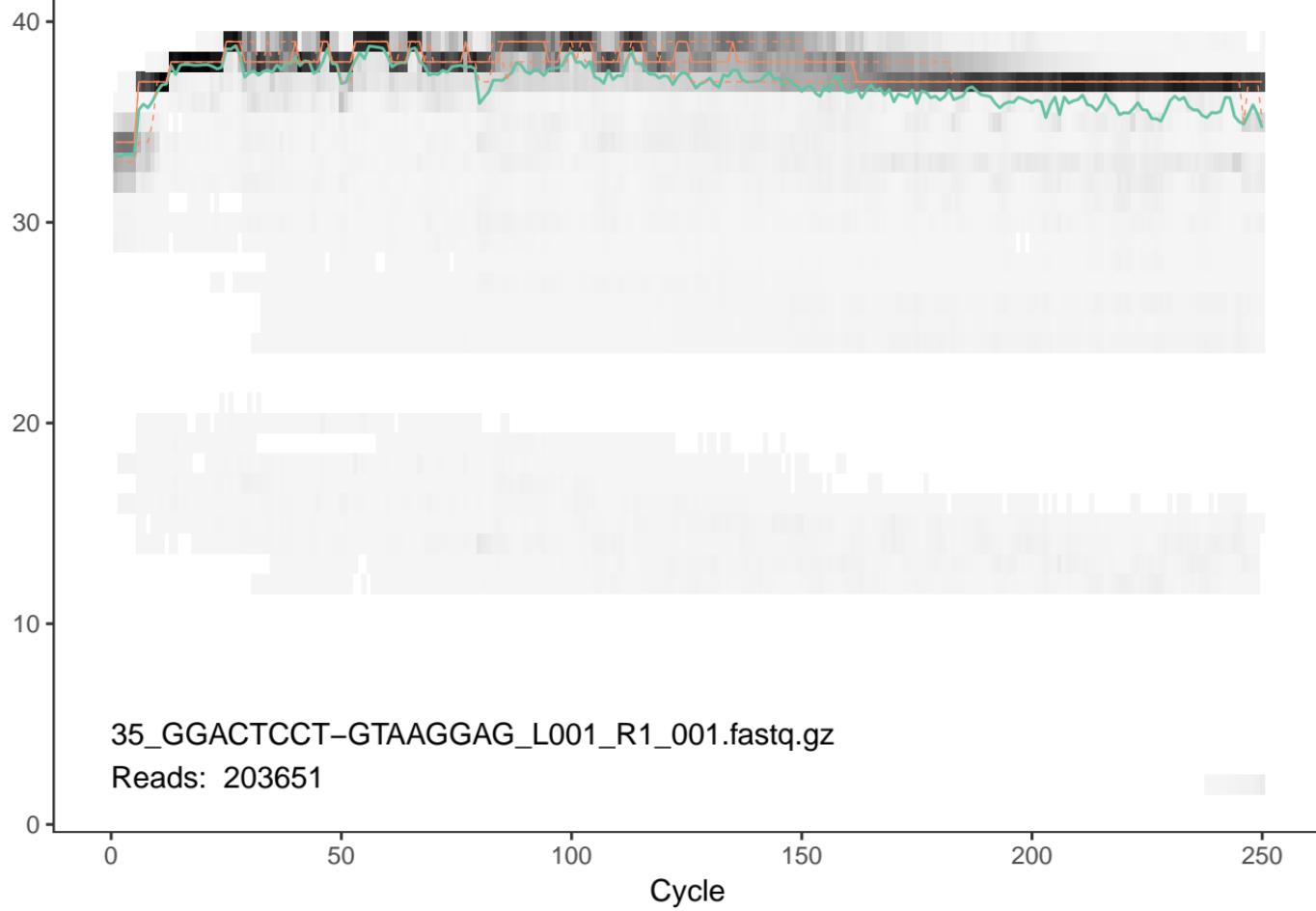
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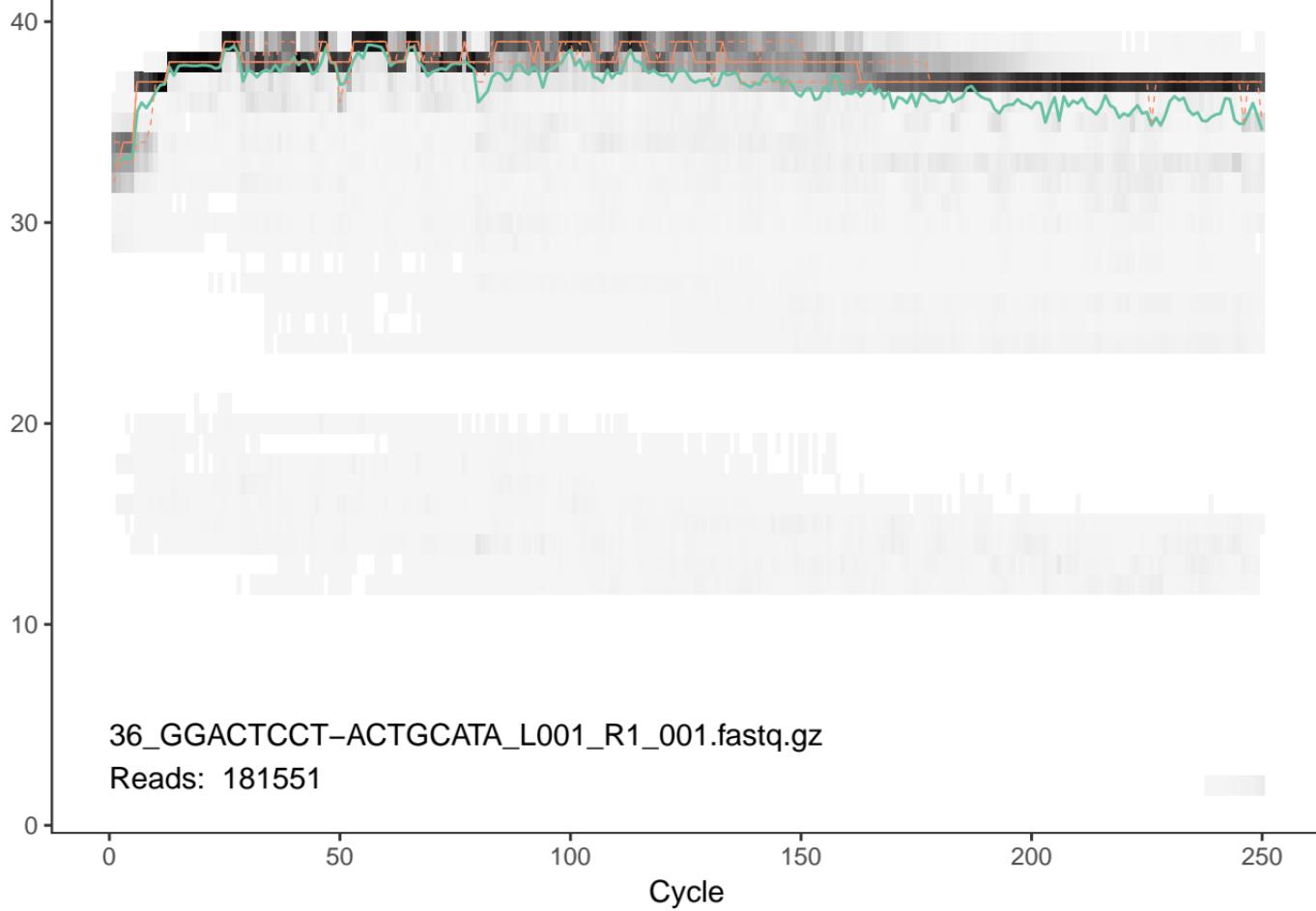
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Quality Score



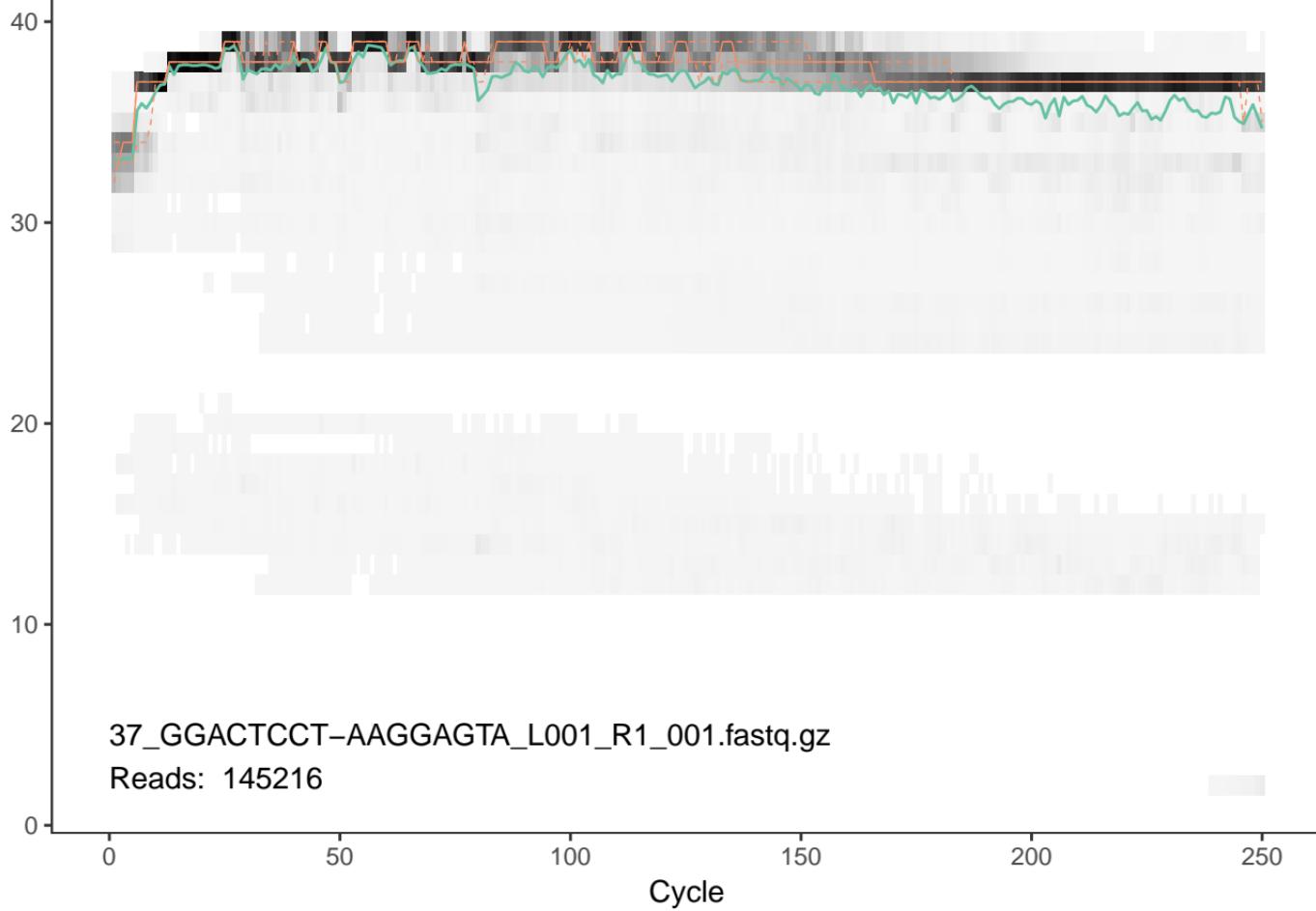
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Quality Score



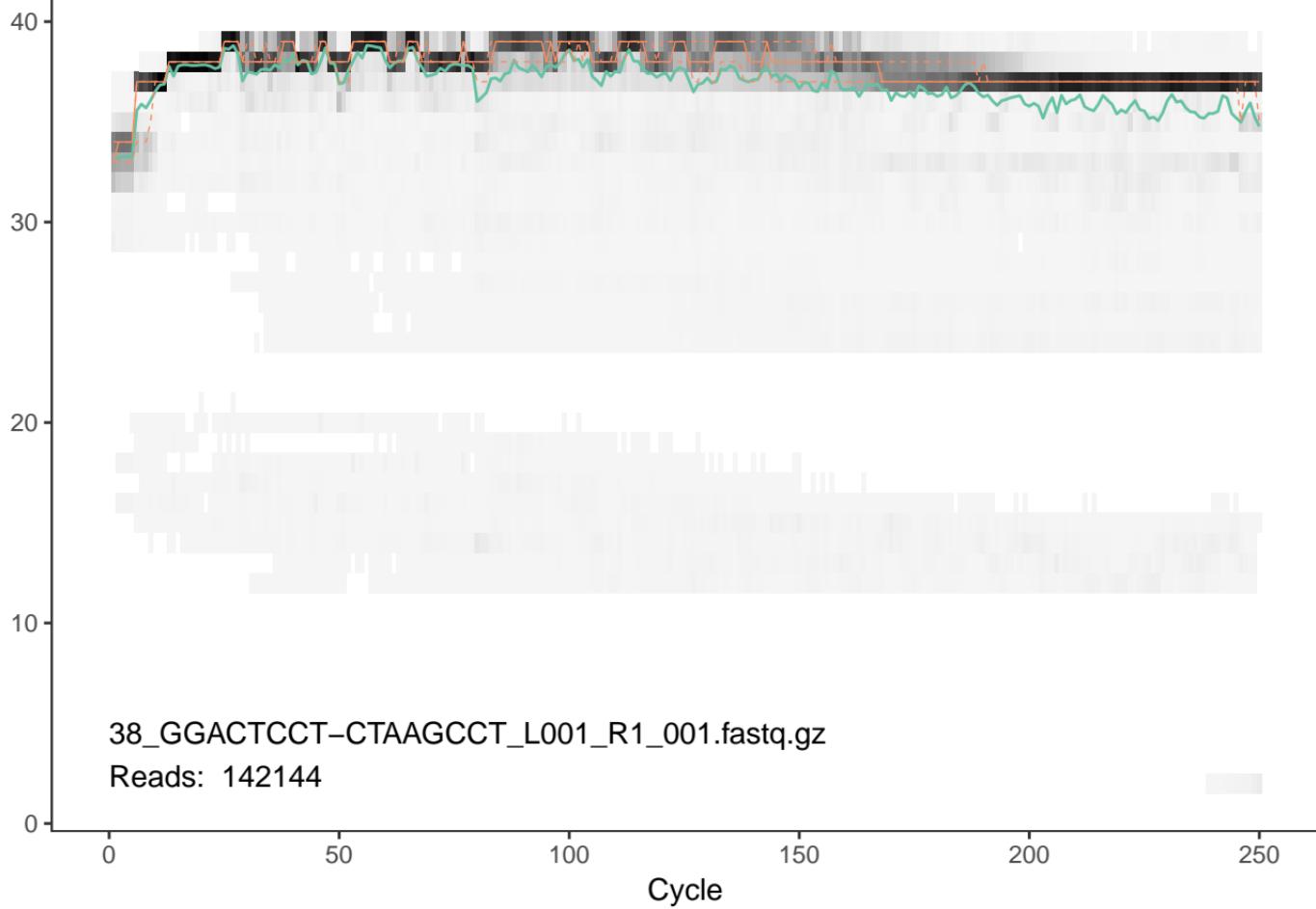
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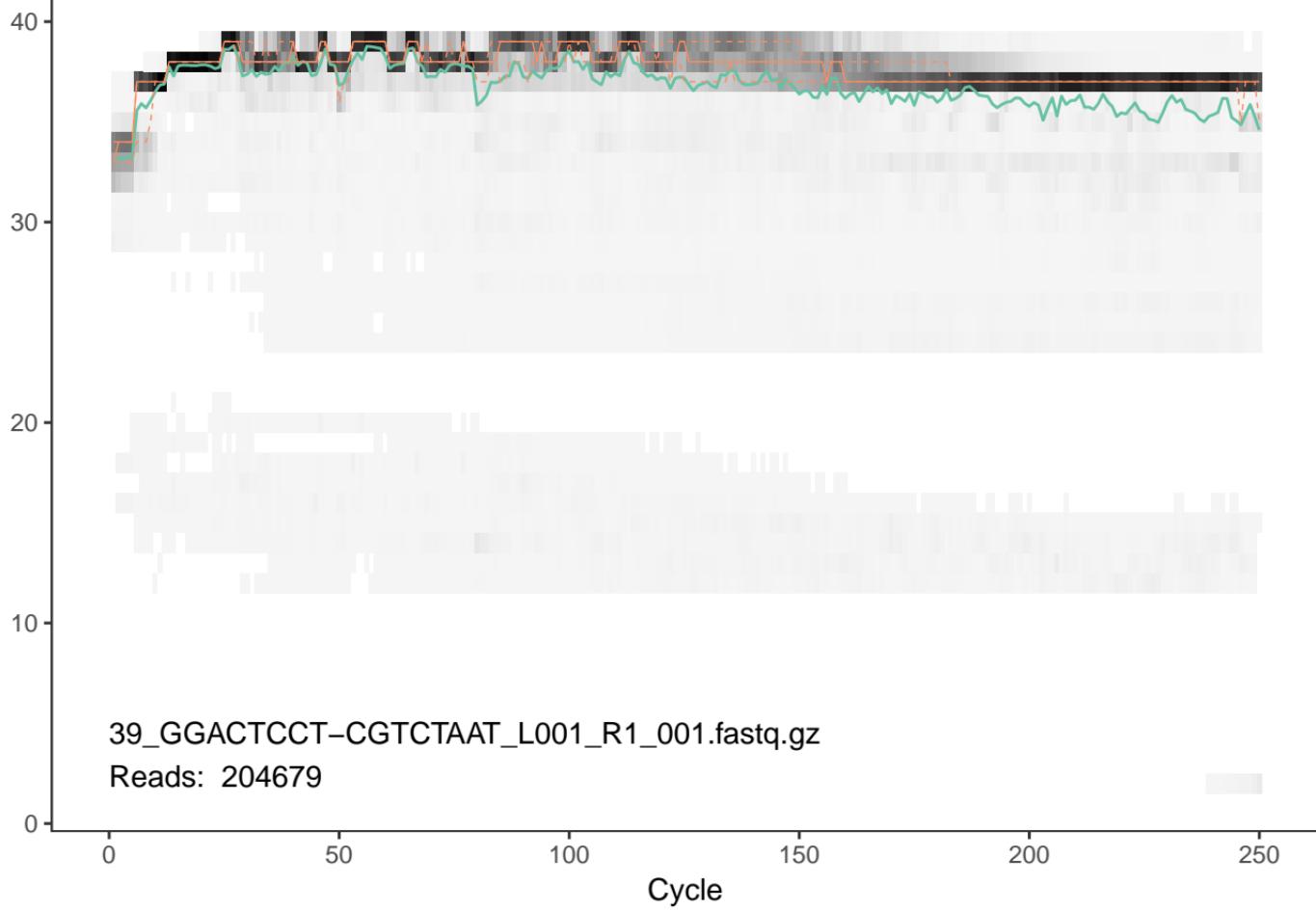
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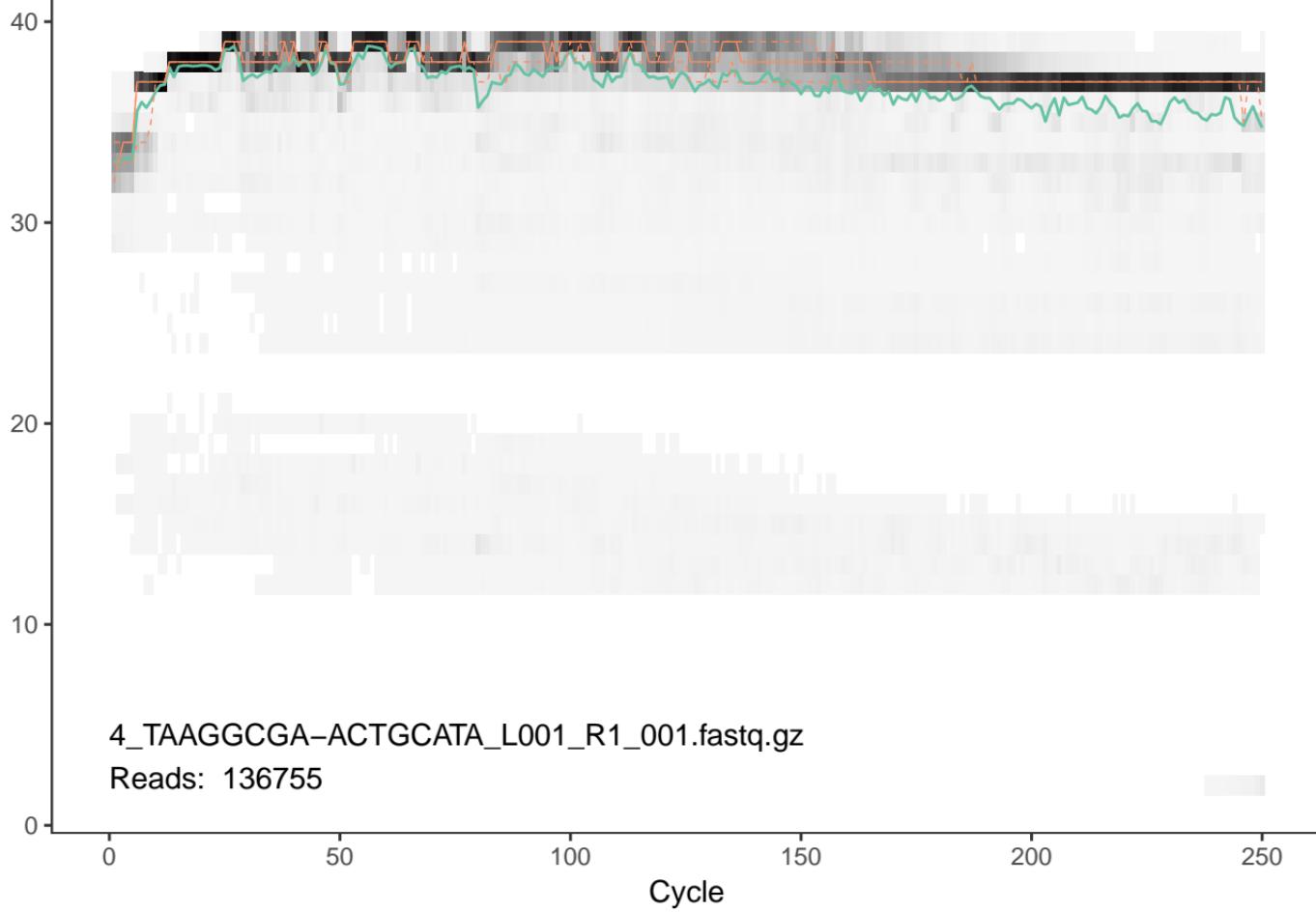
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Quality Score



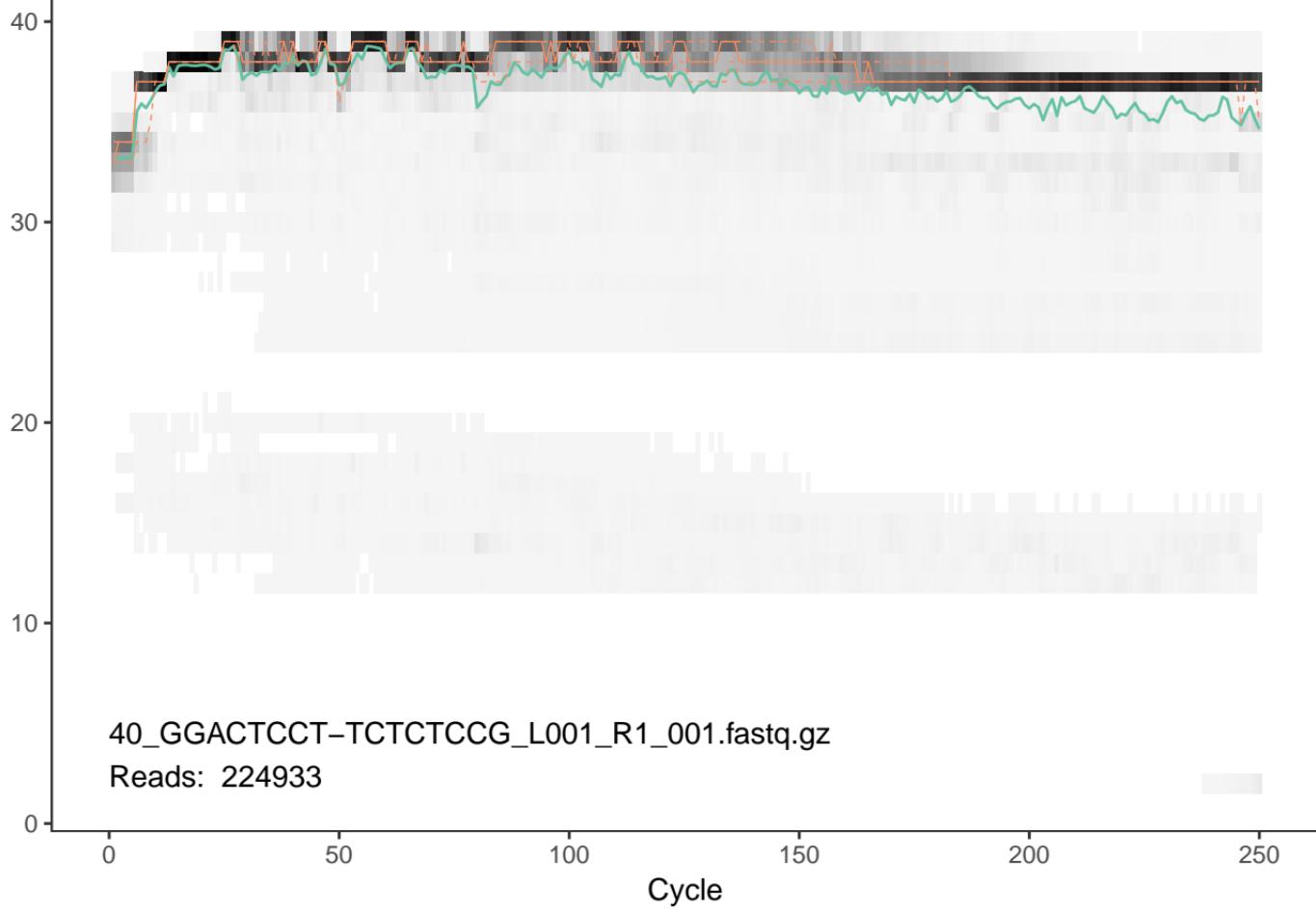
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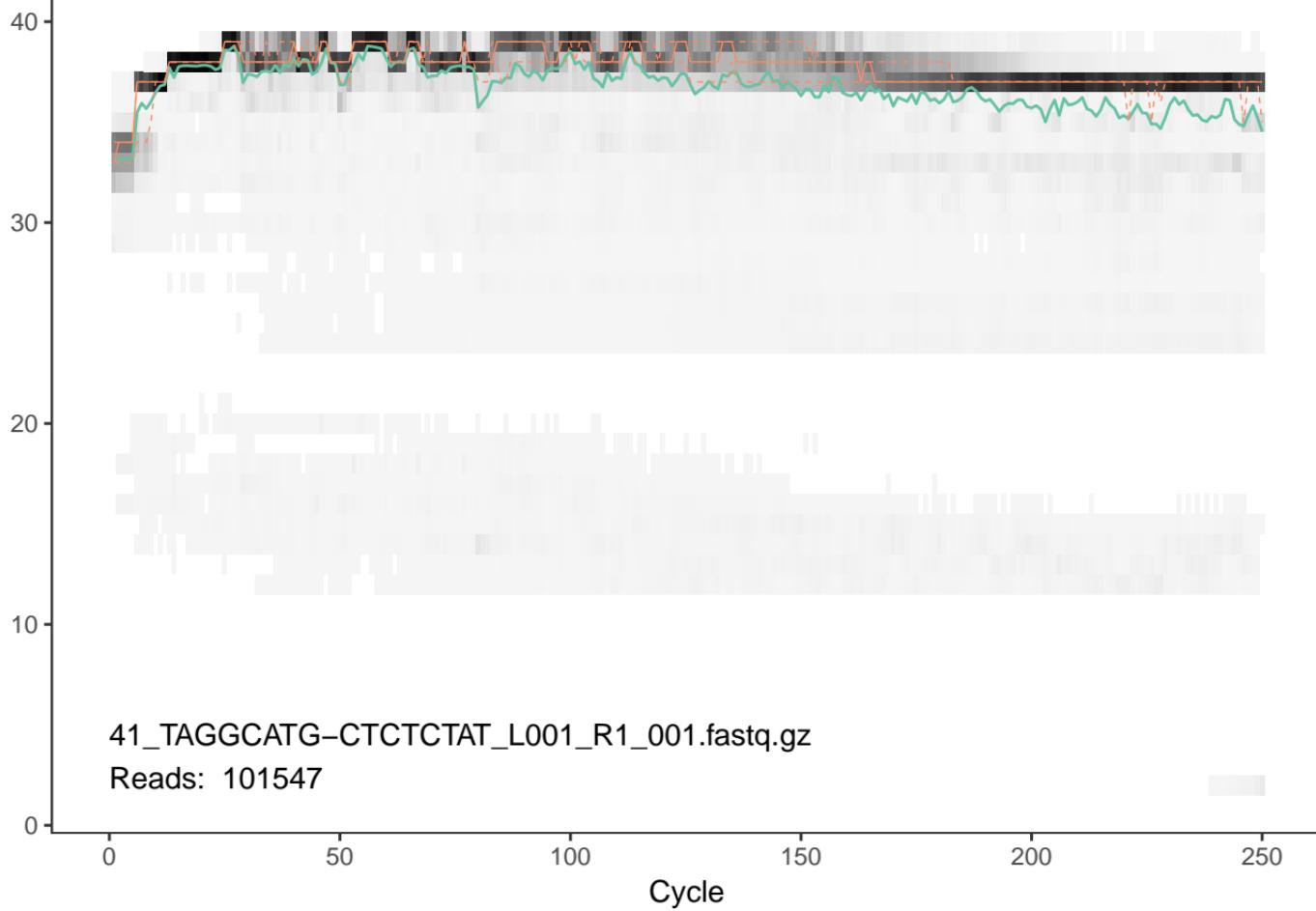
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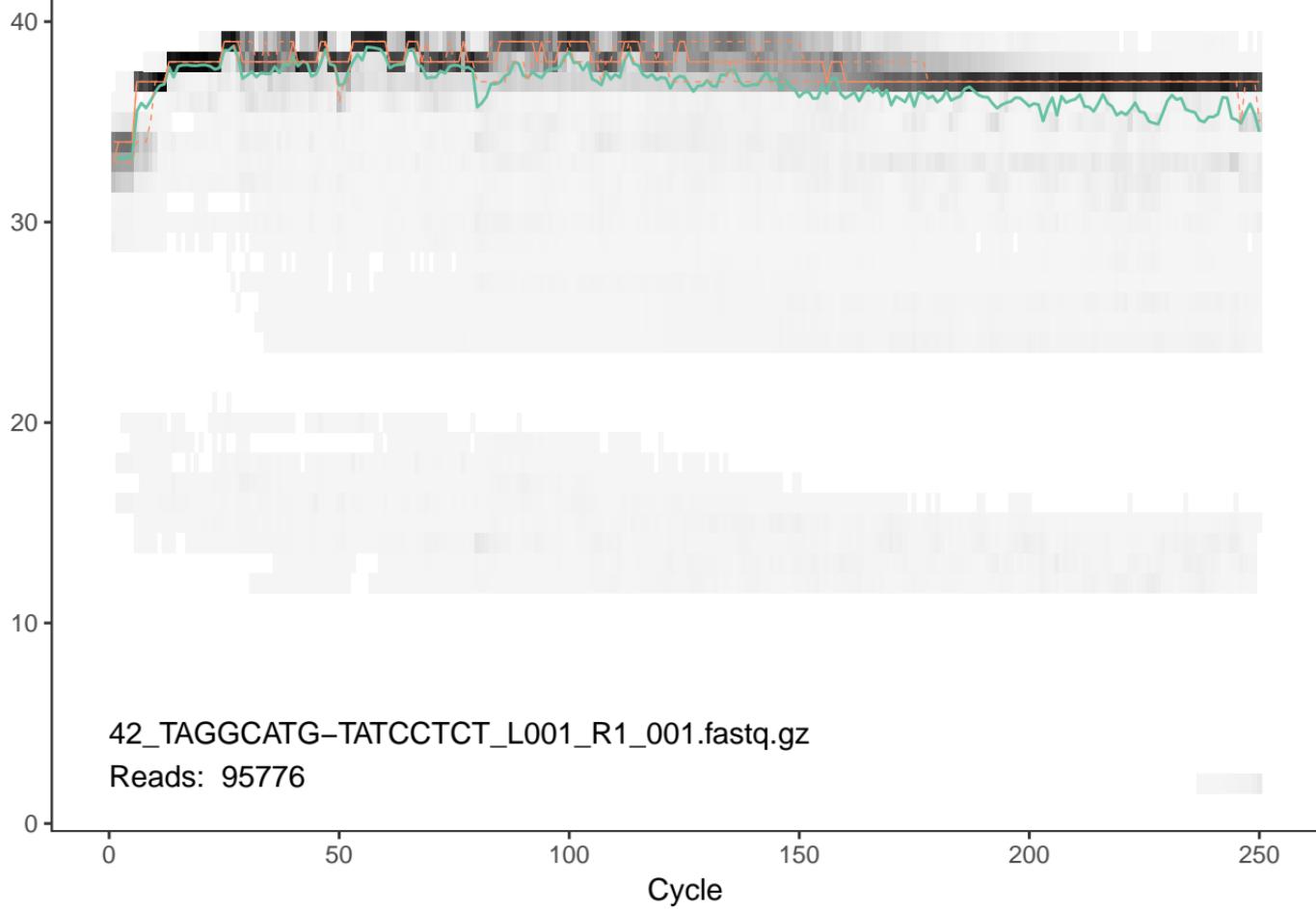
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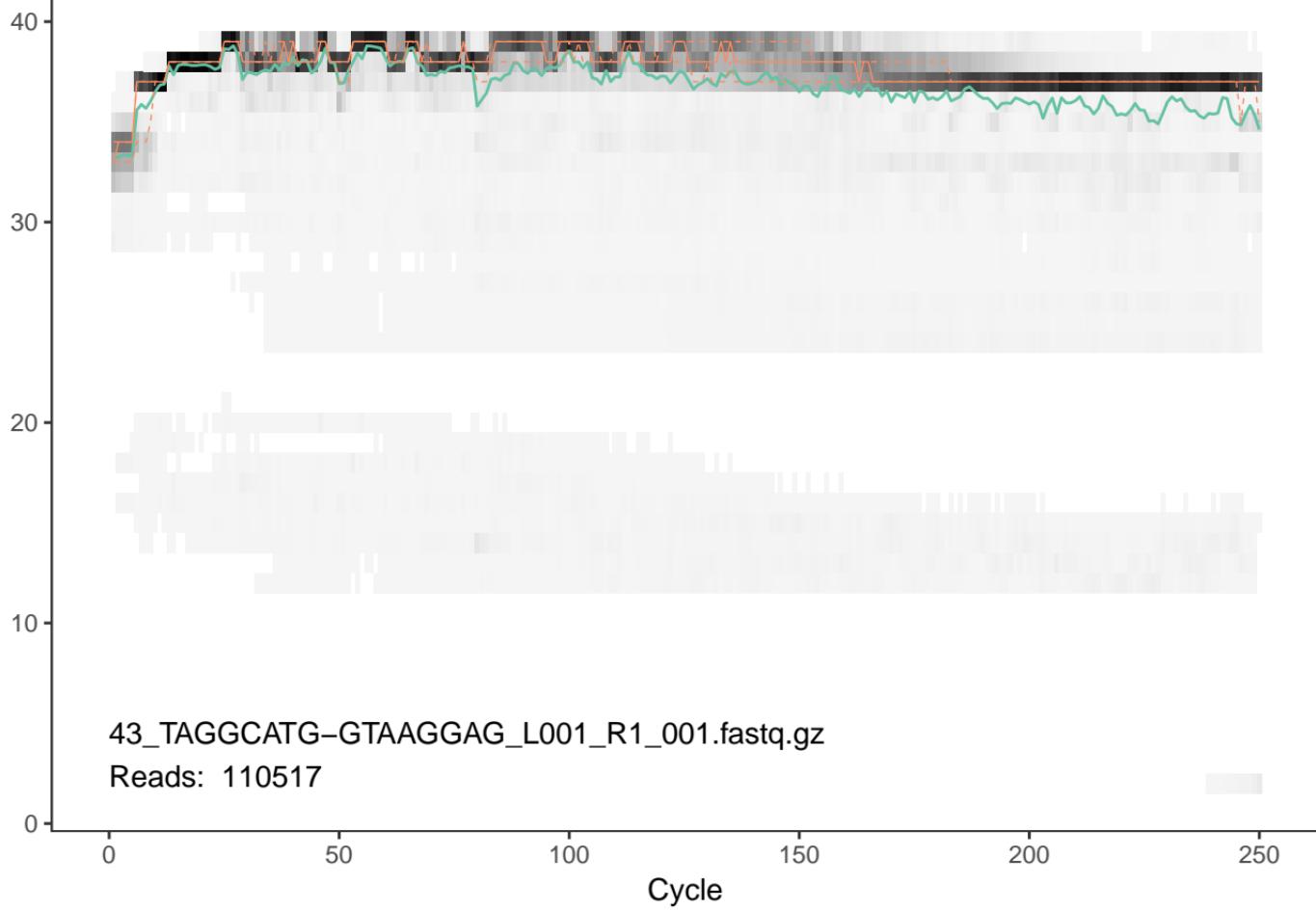
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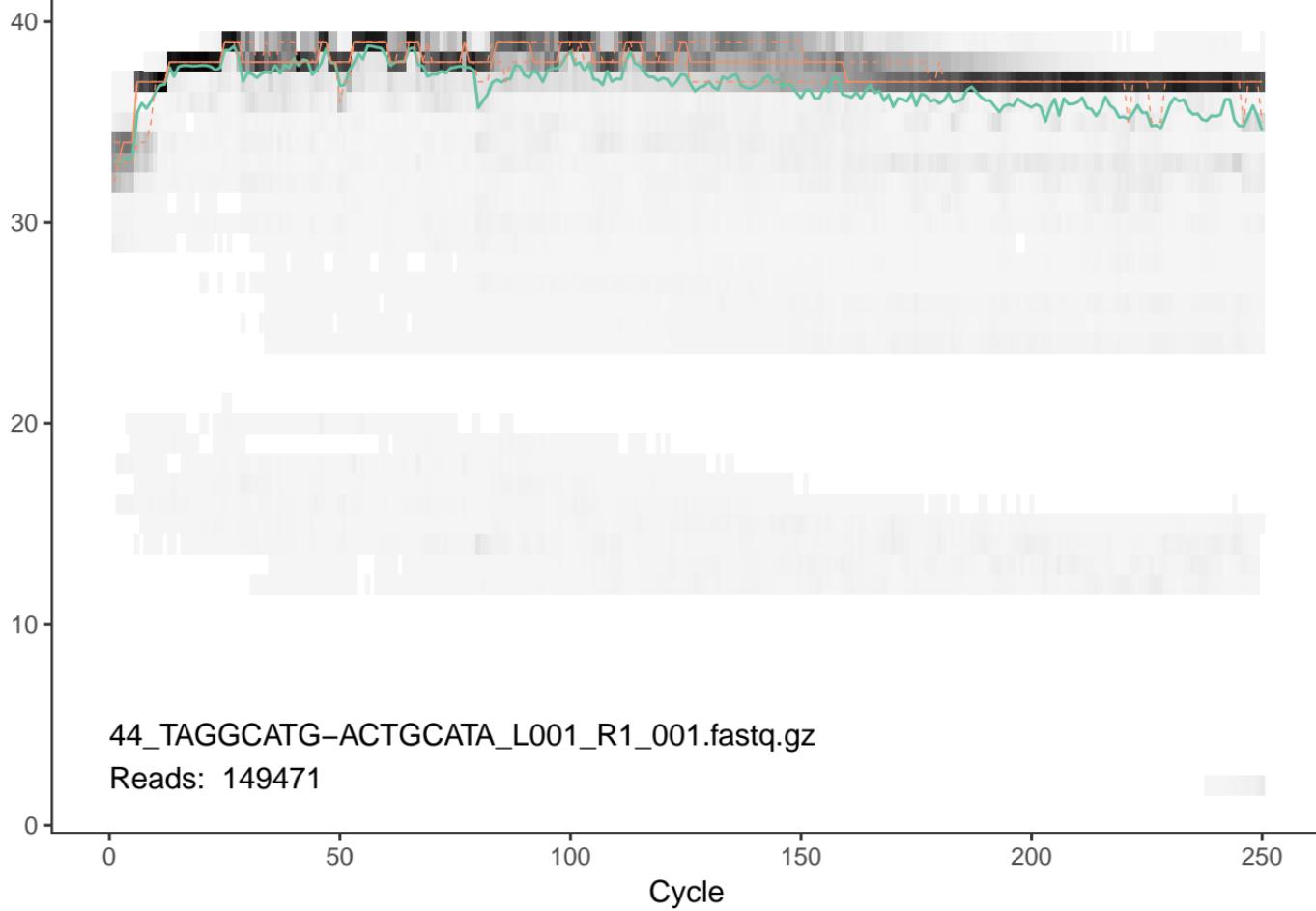
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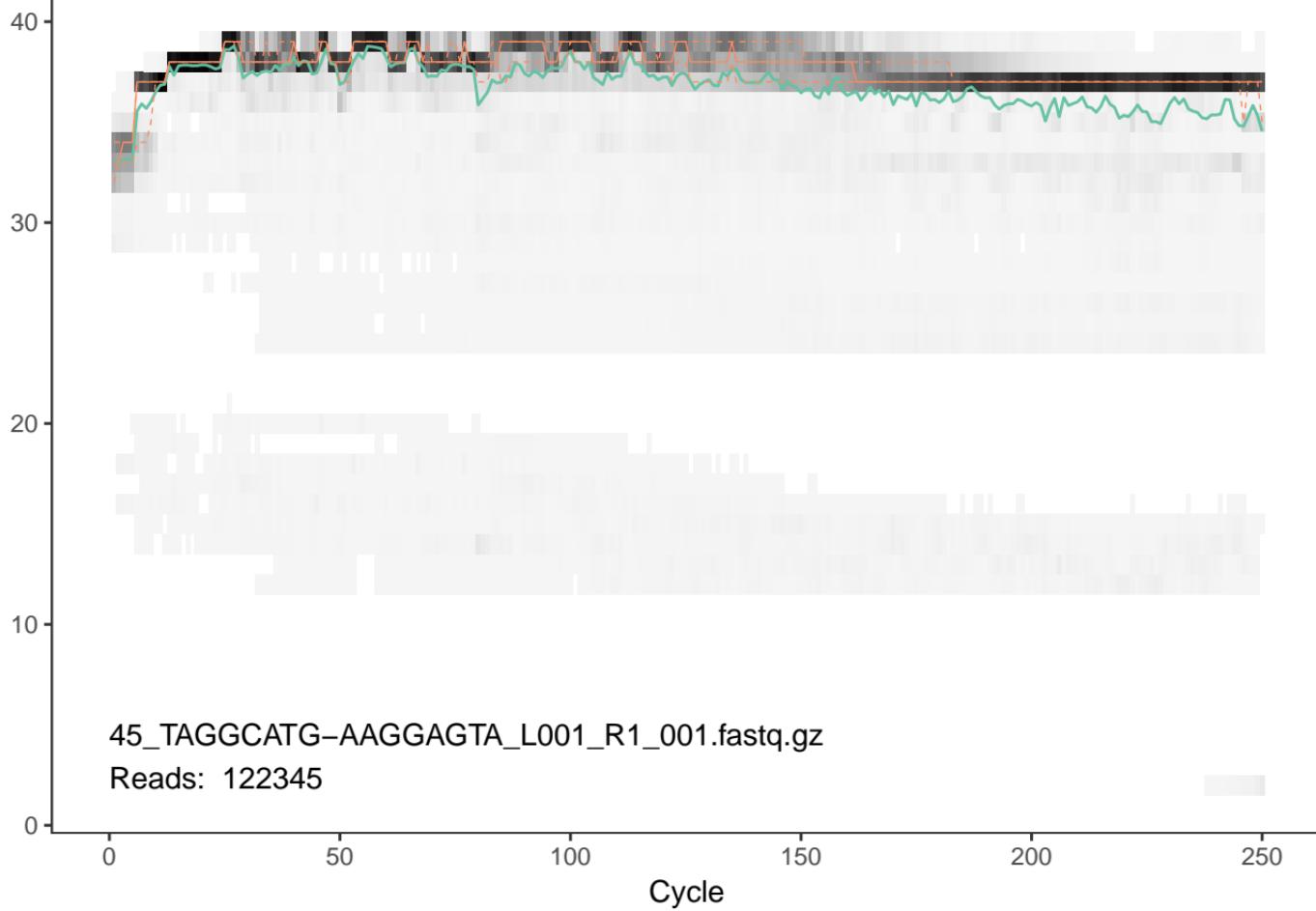
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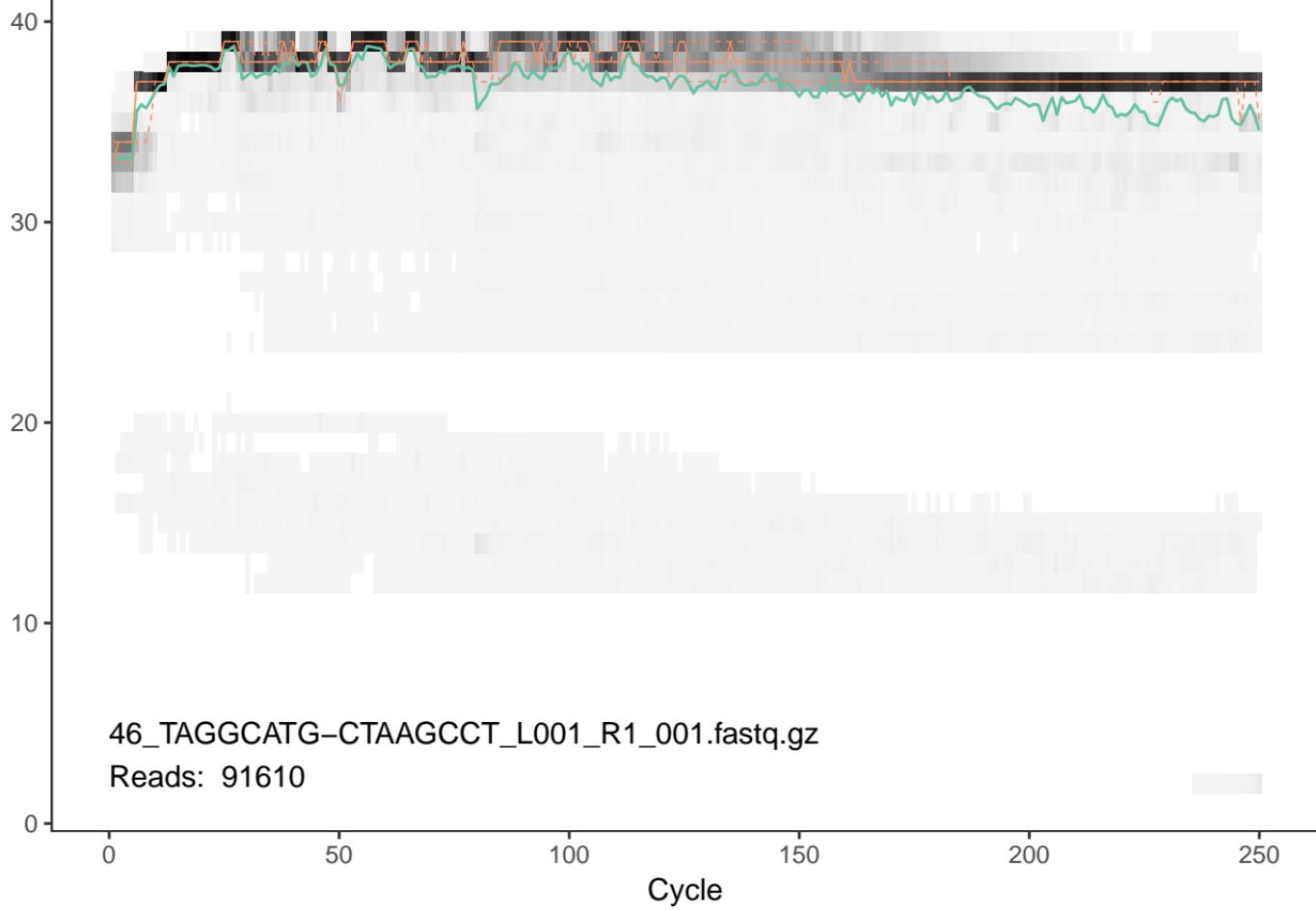
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Quality Score



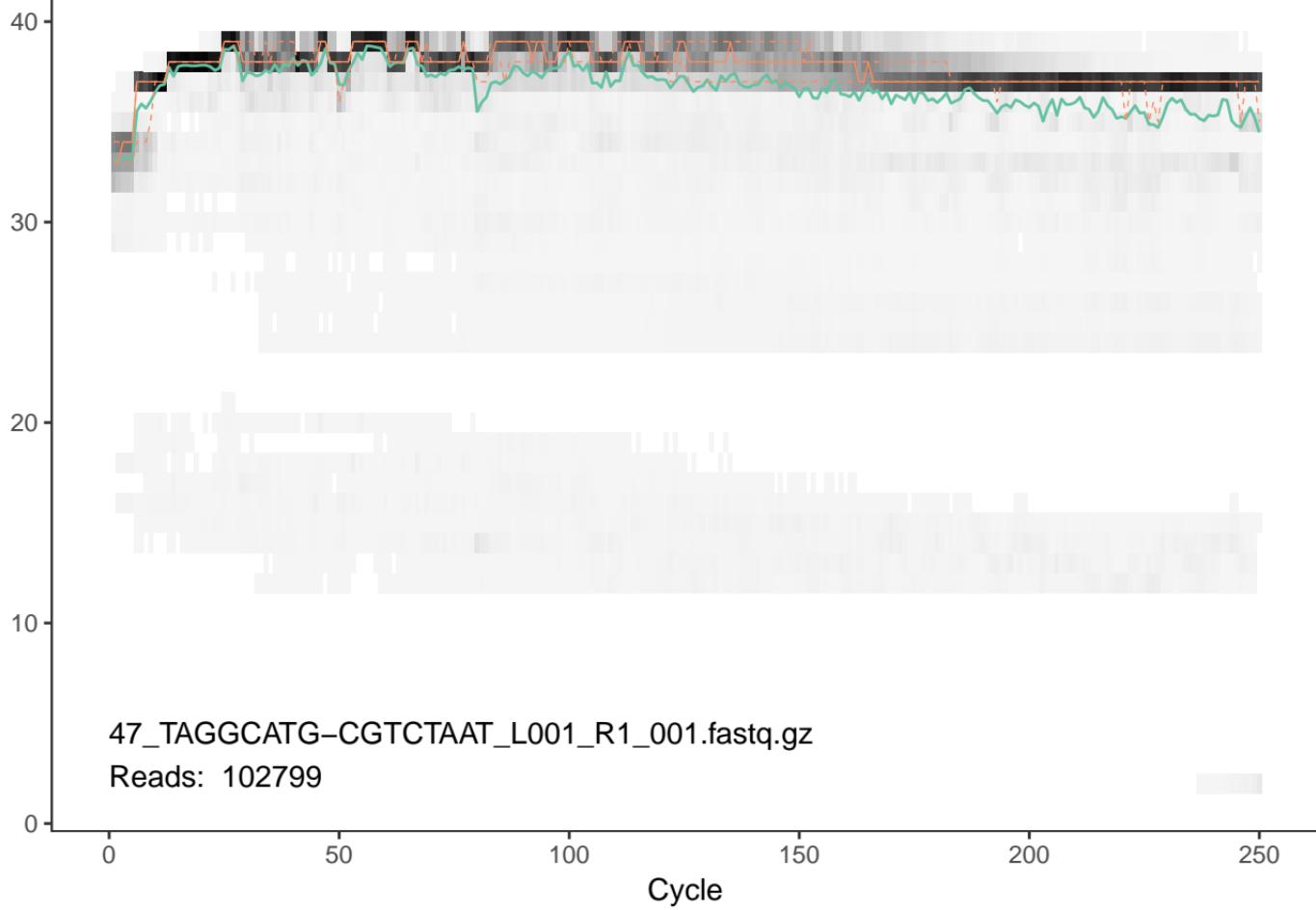
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Quality Score



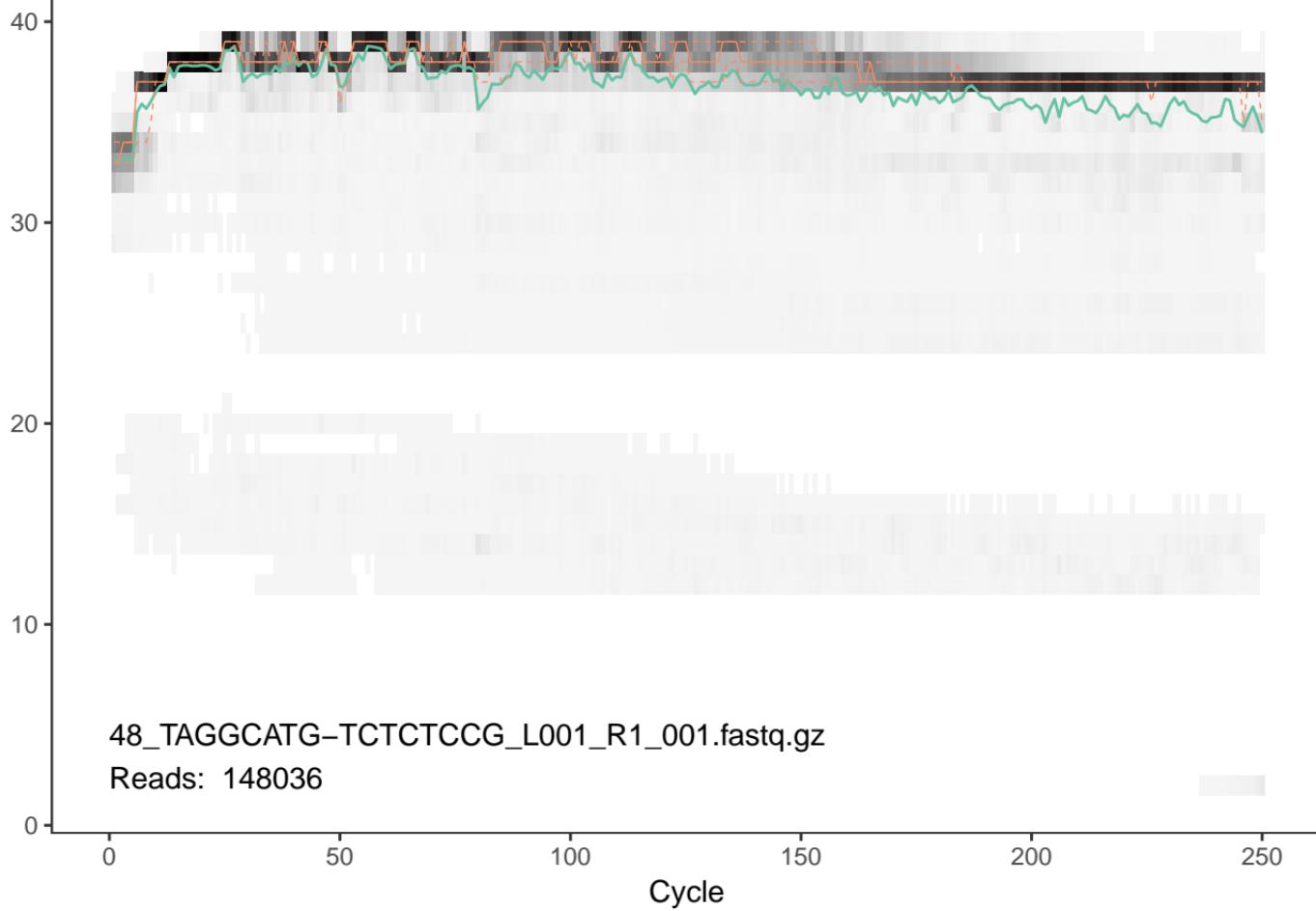
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Quality Score



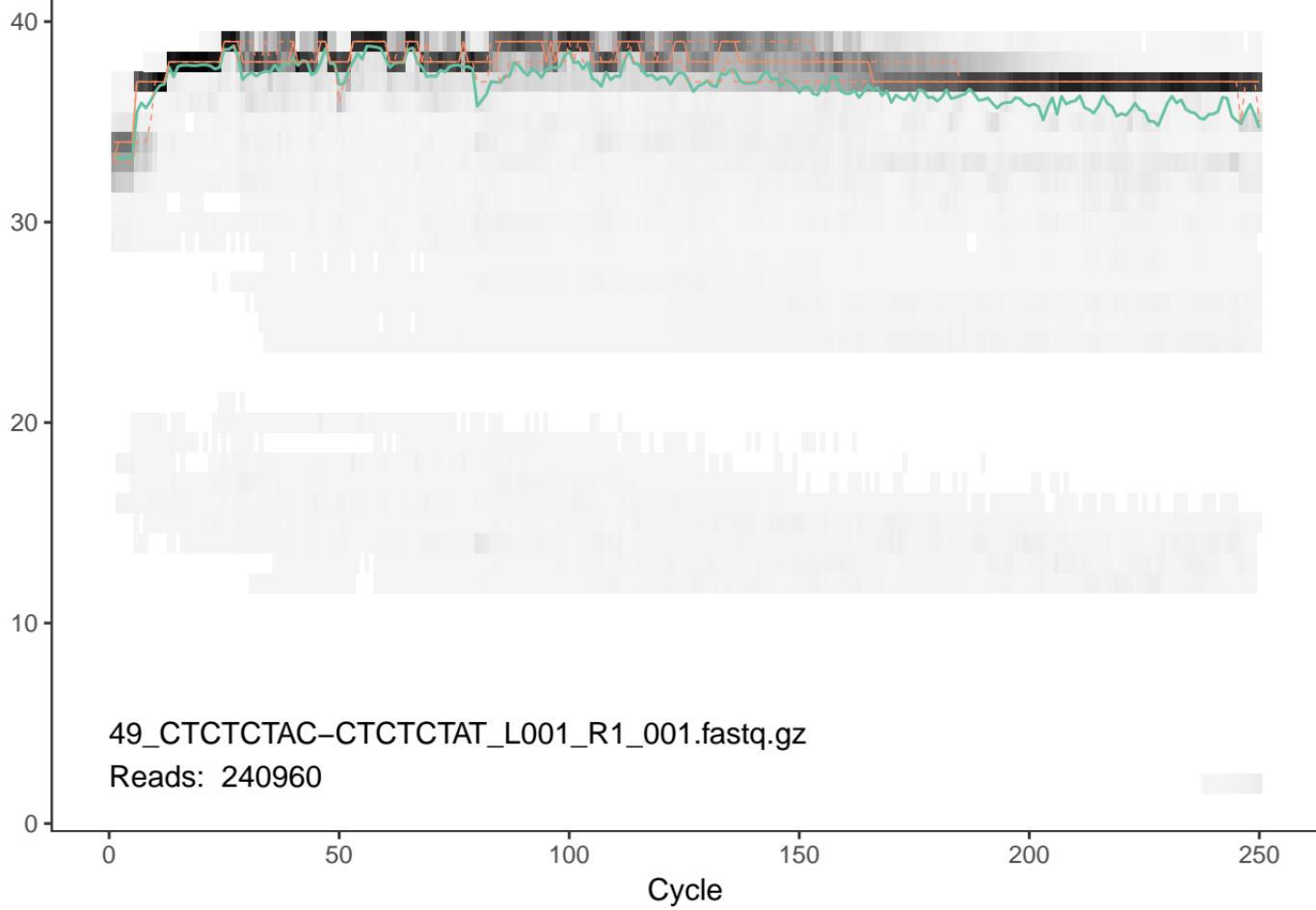
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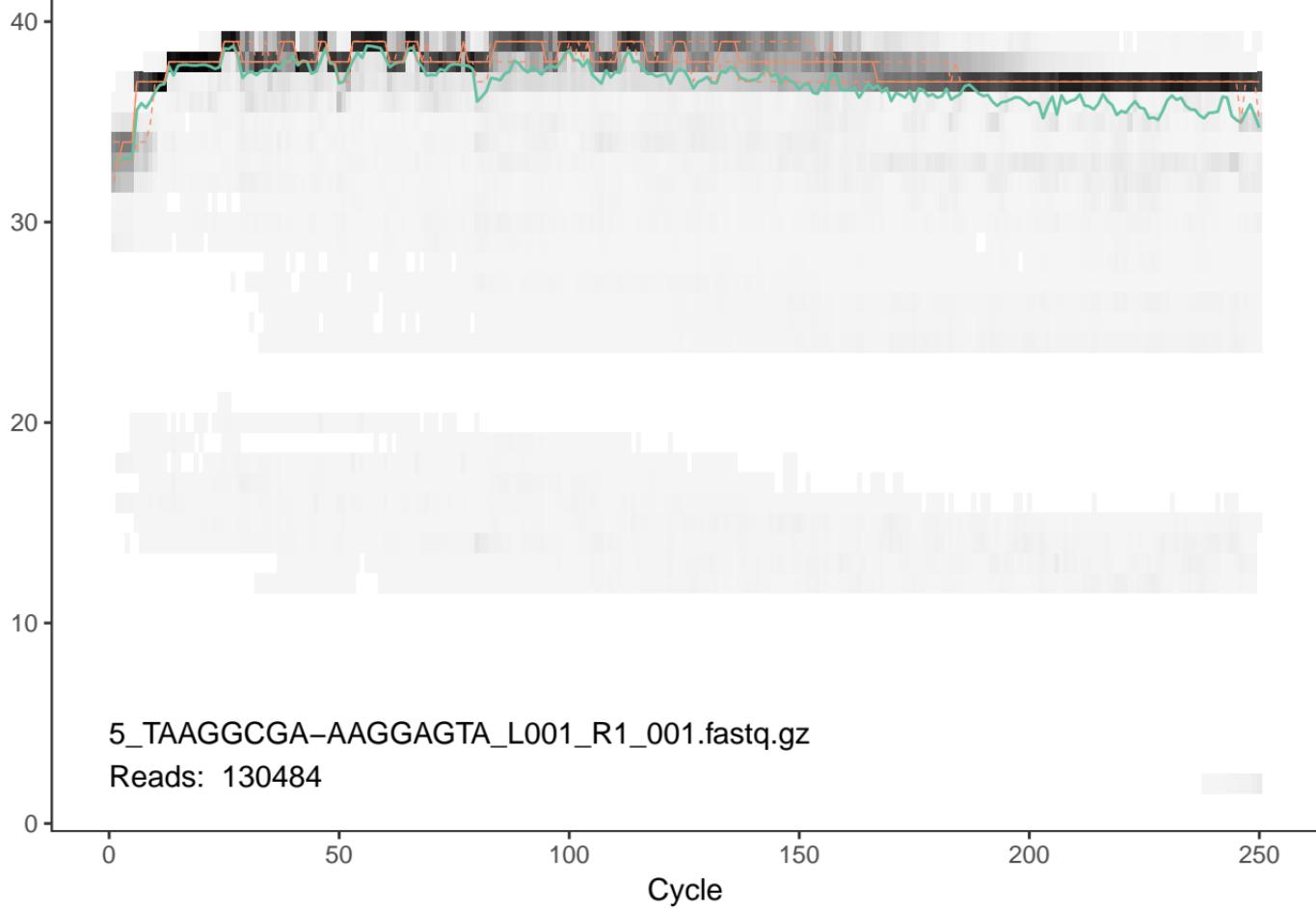
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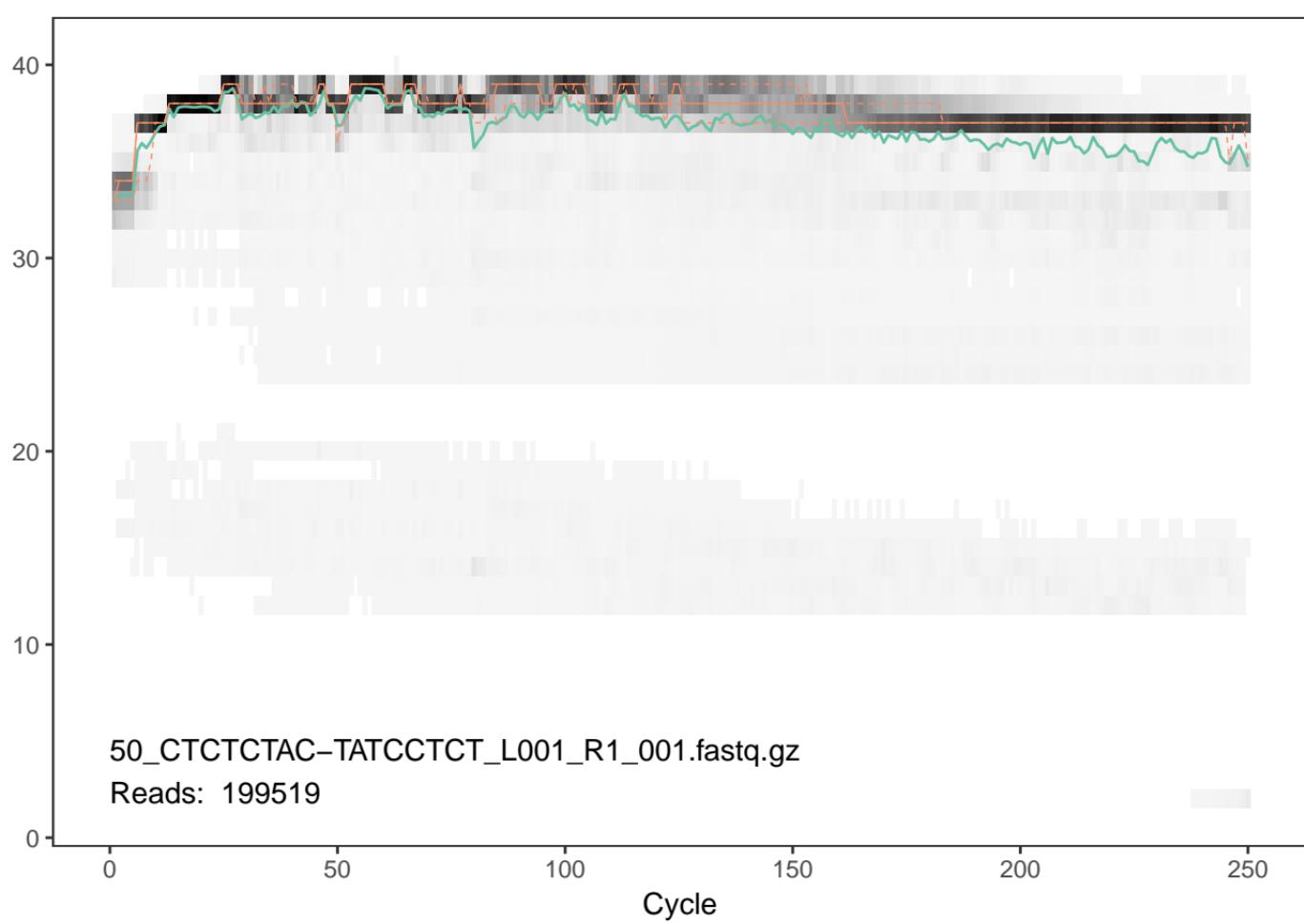
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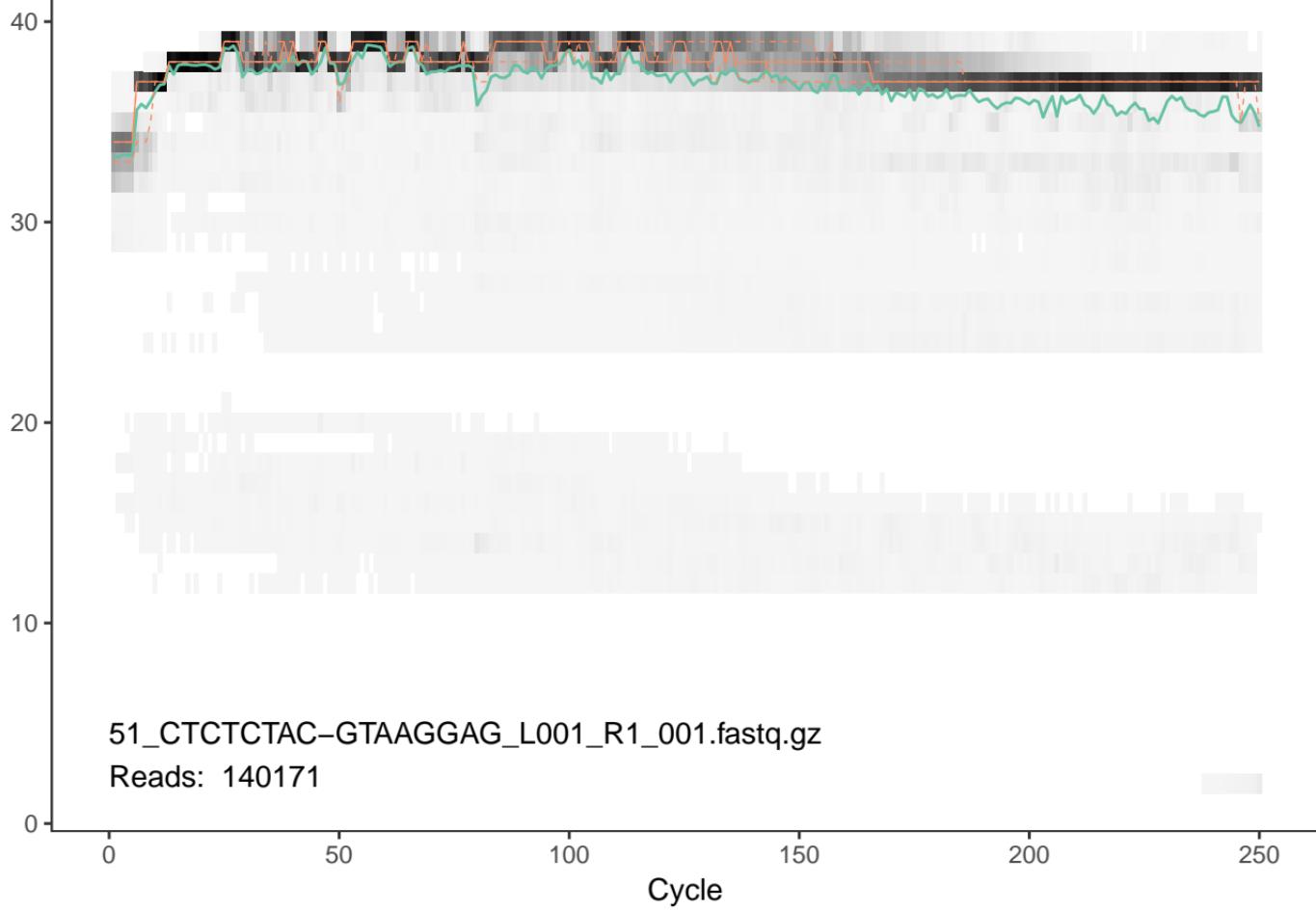
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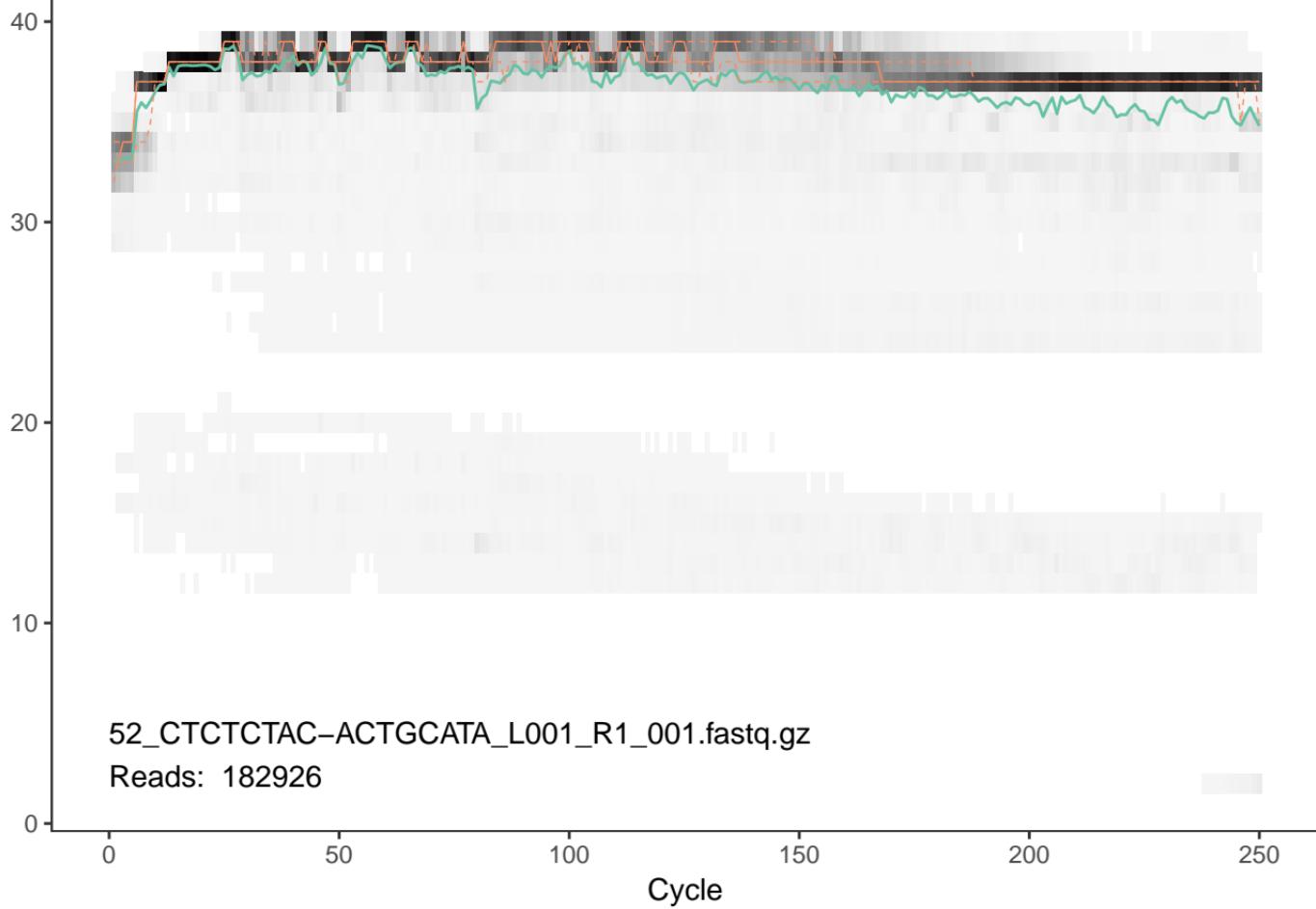
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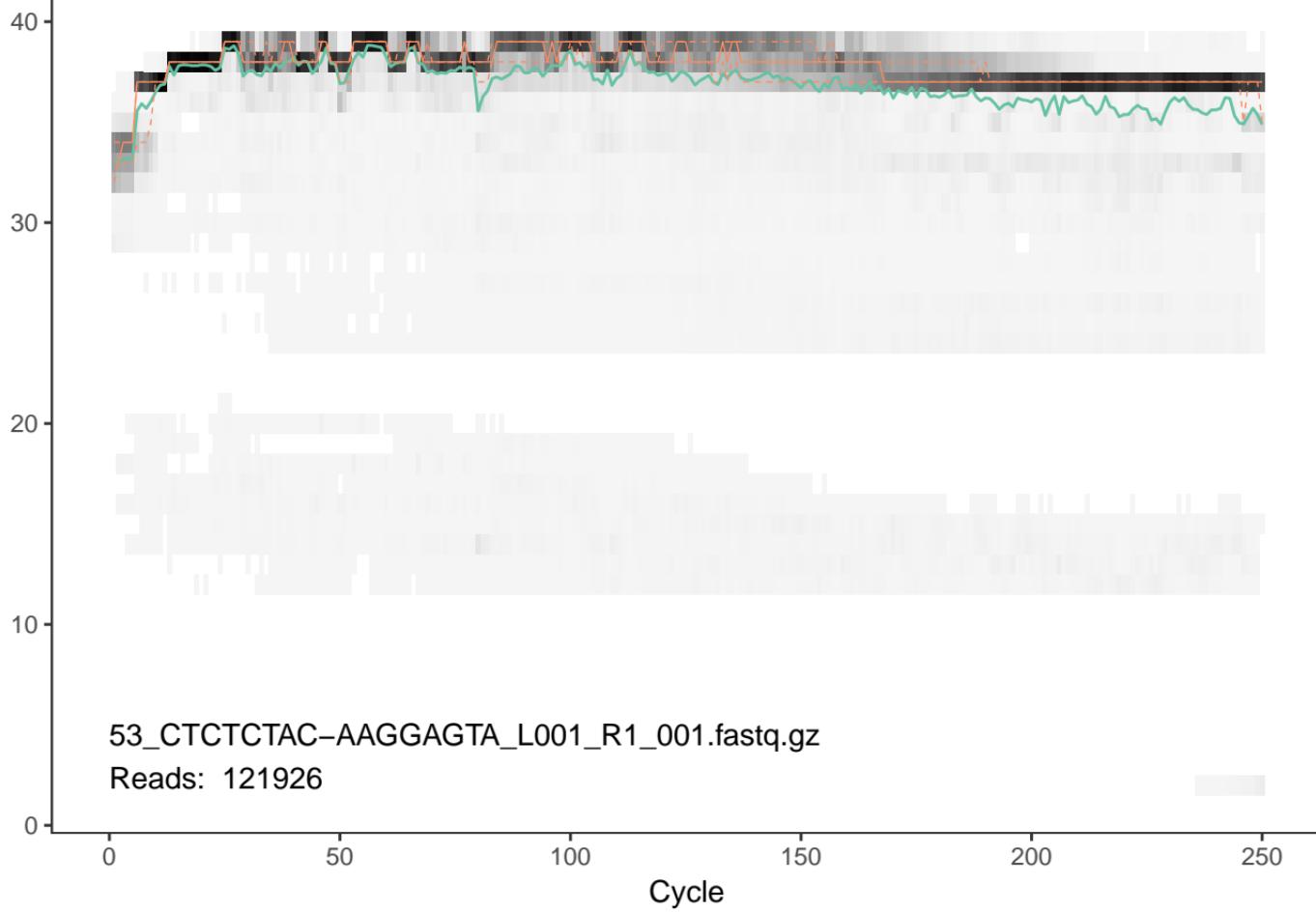
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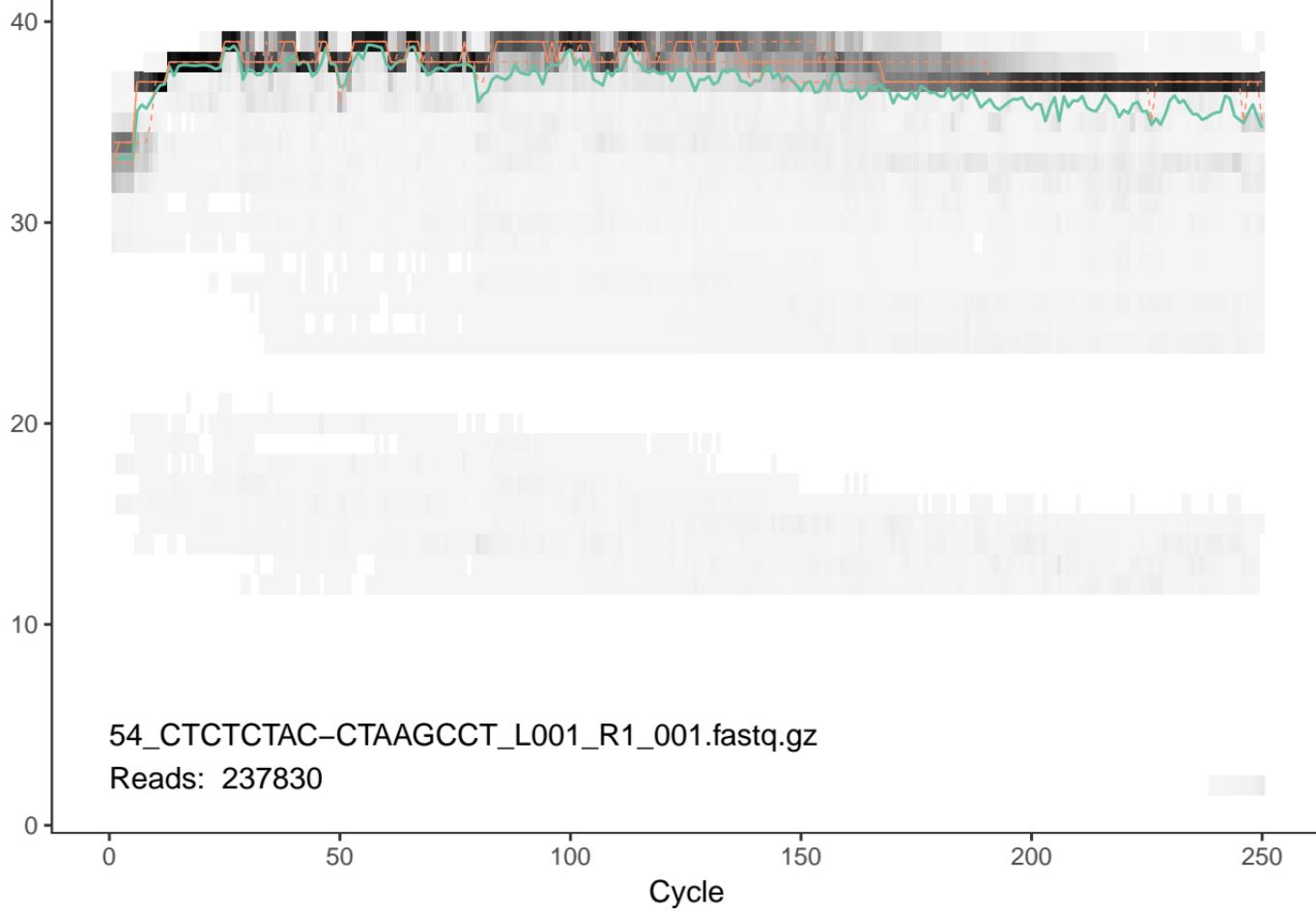
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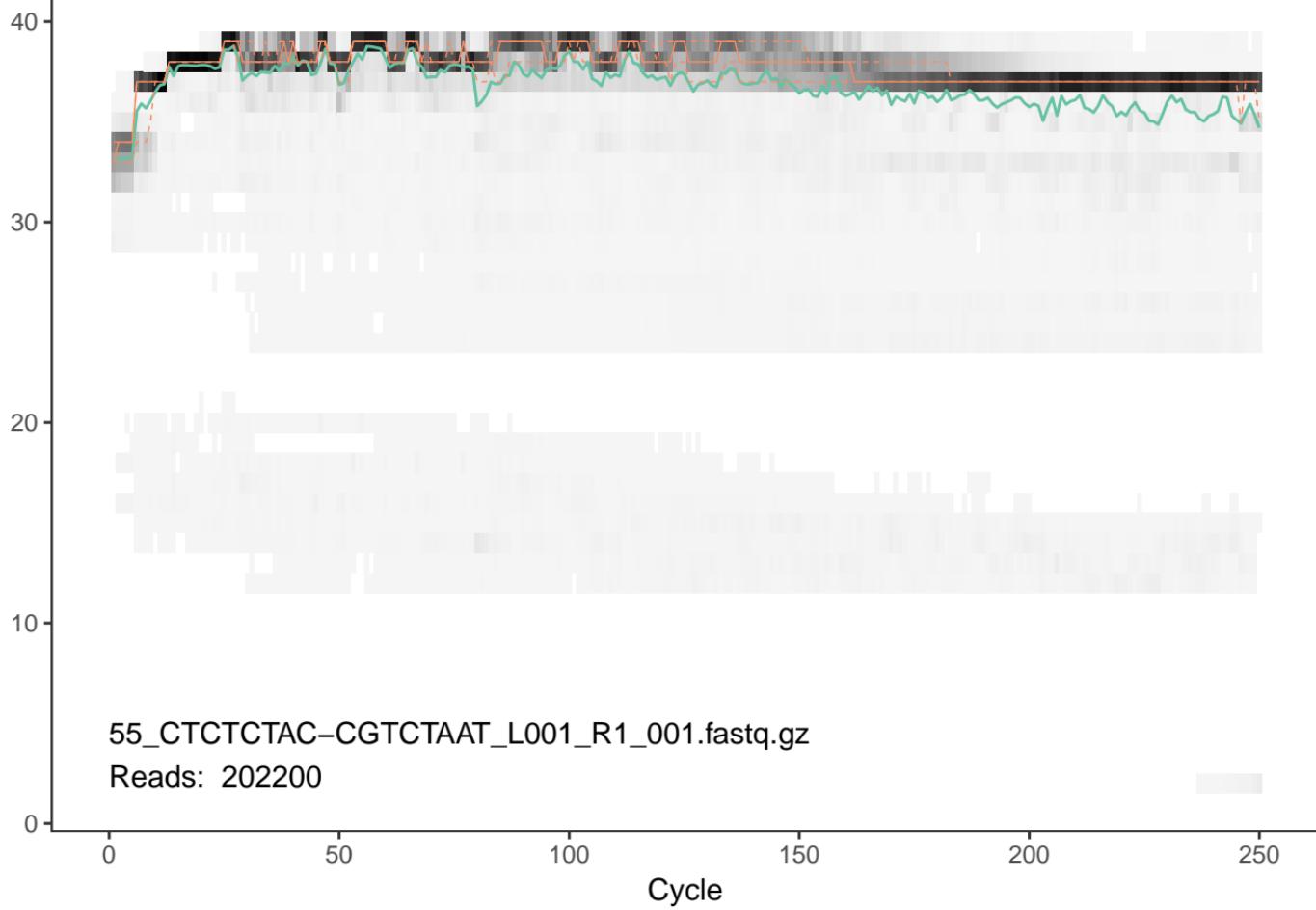
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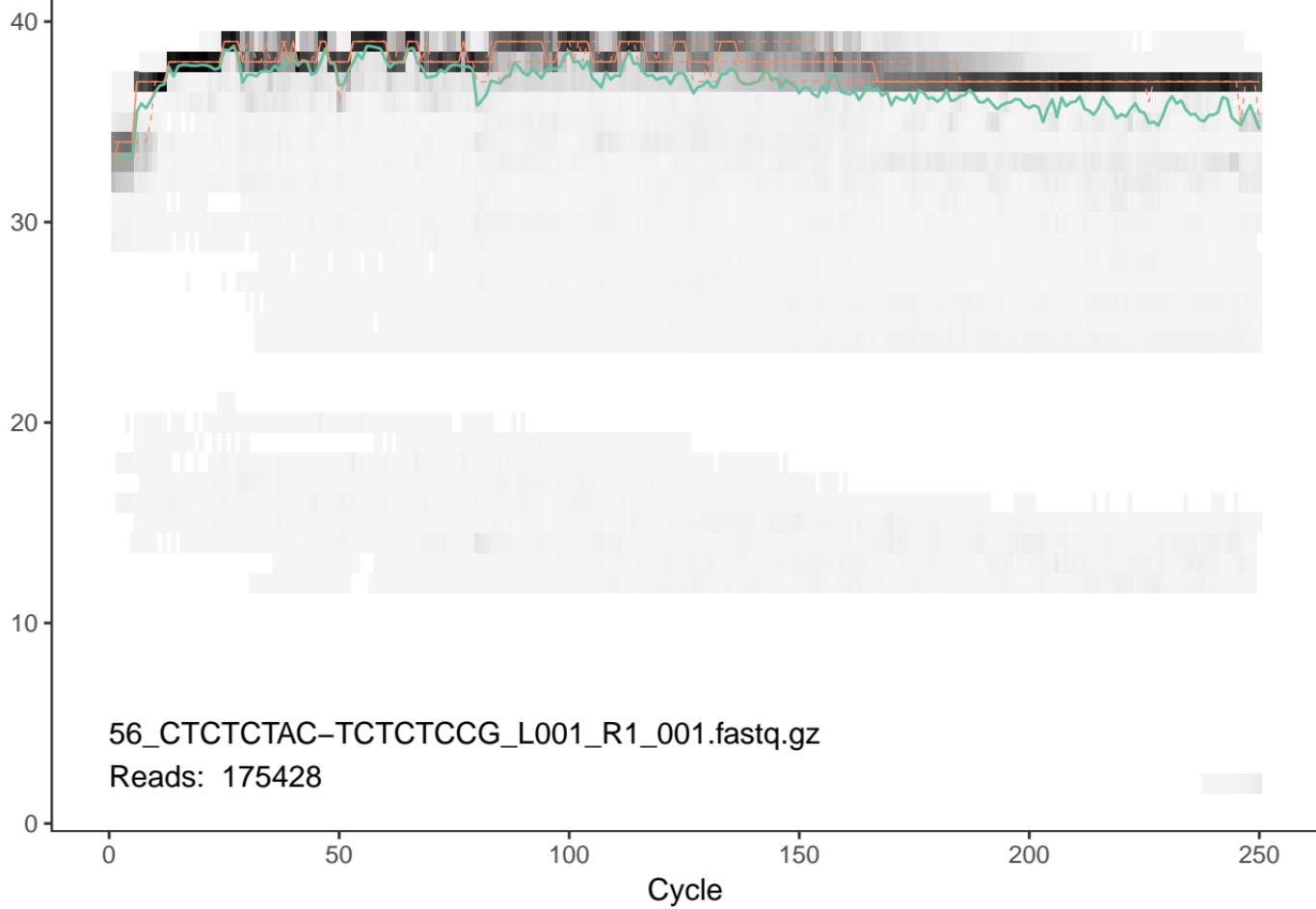
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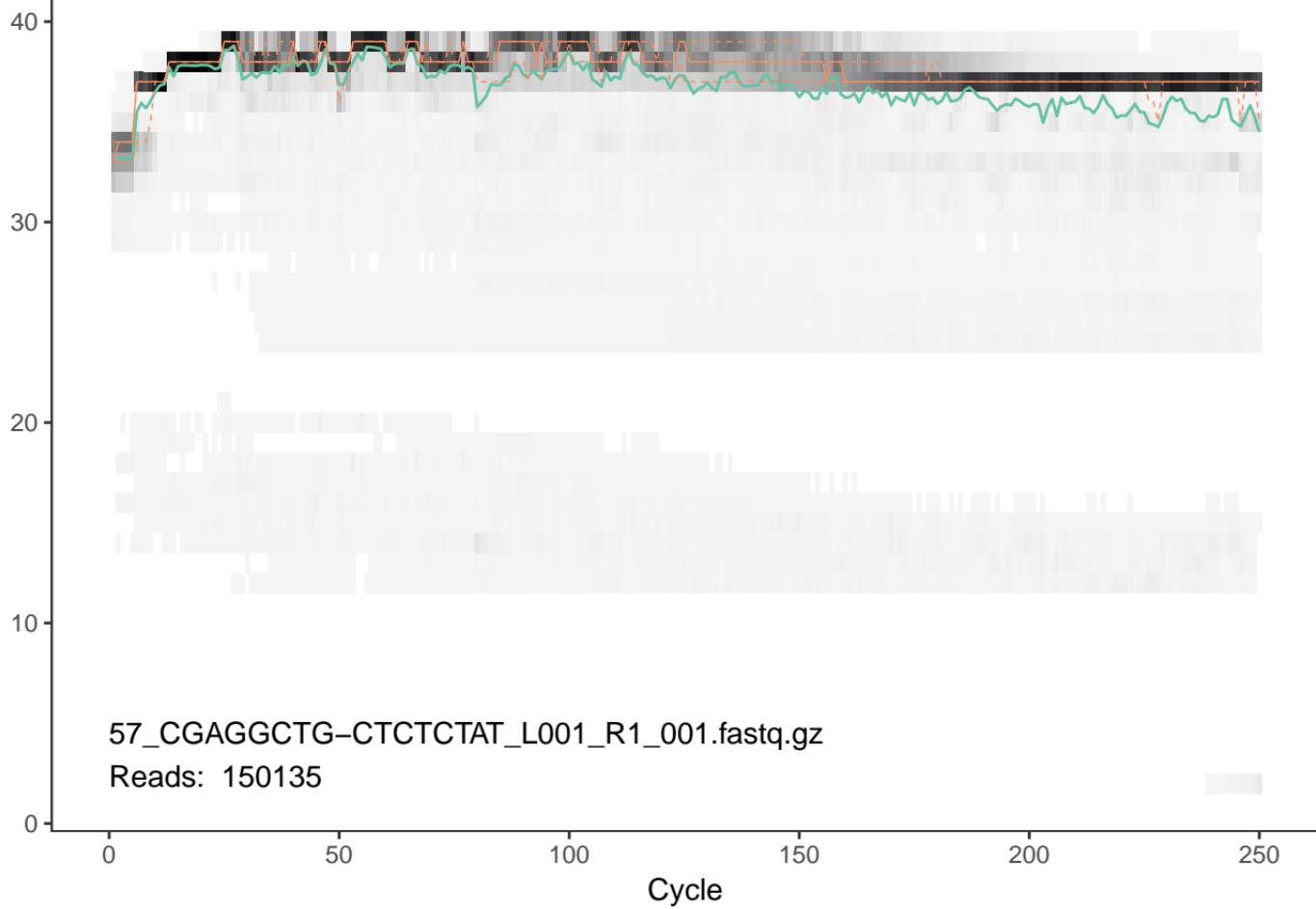
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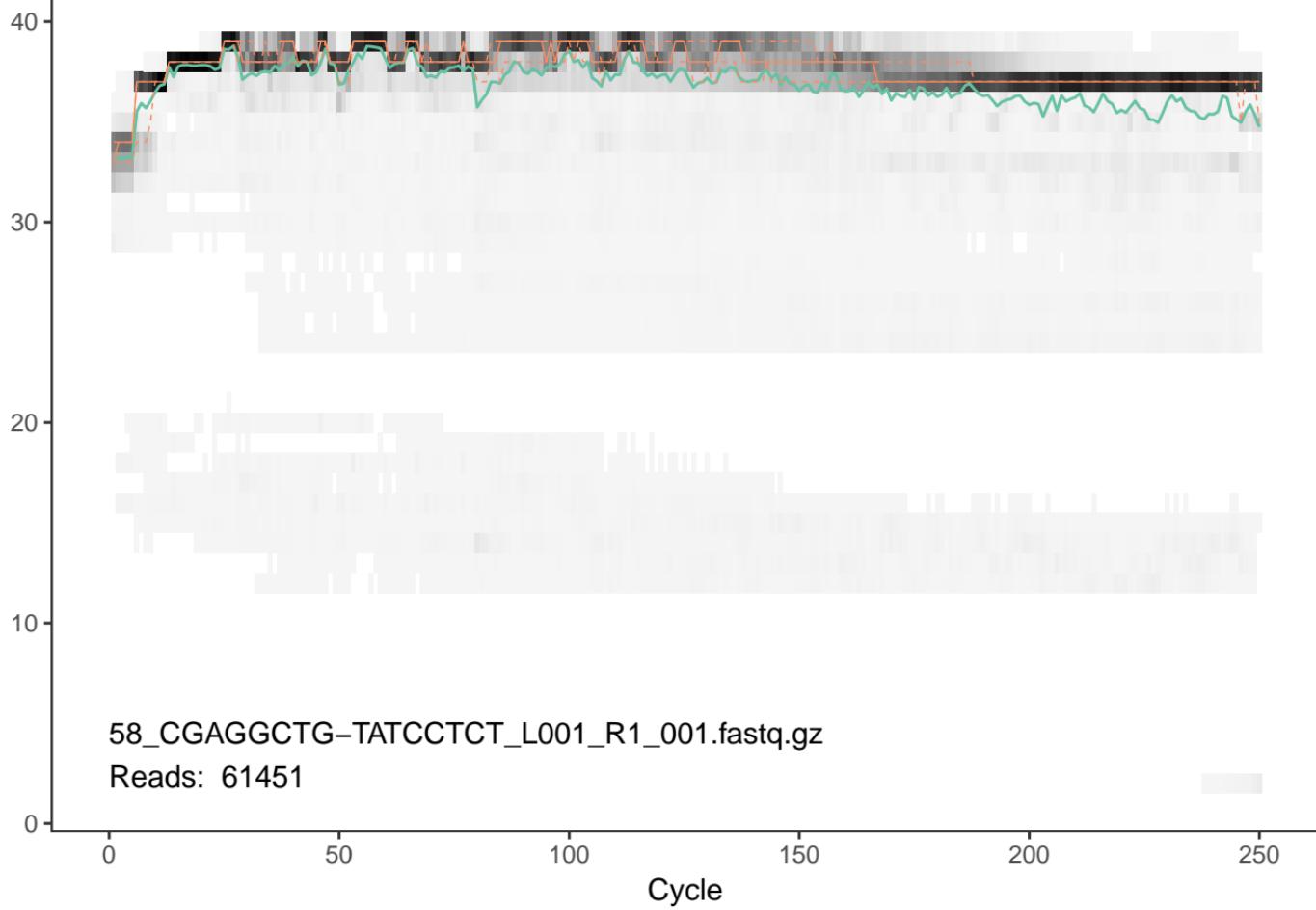
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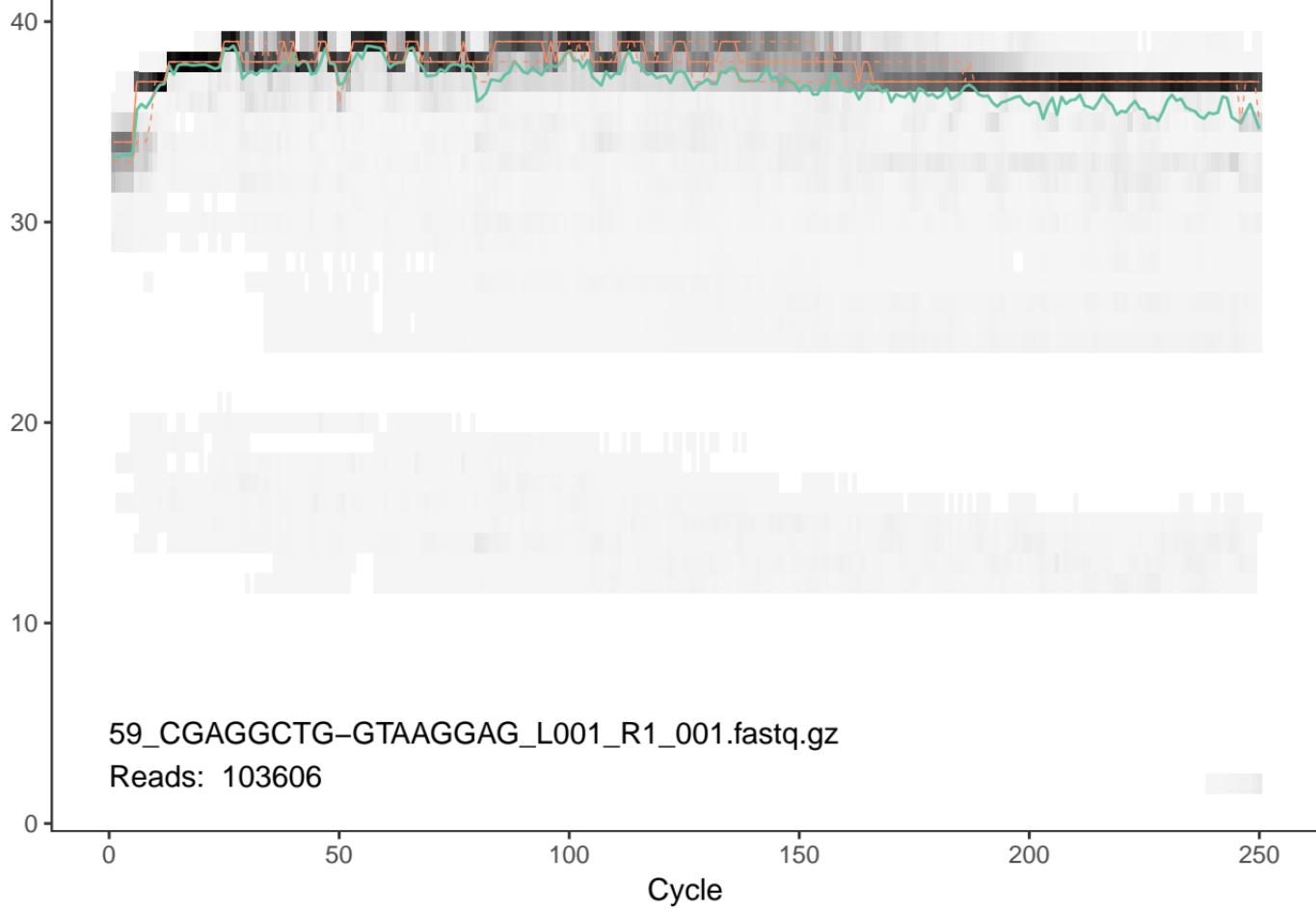
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Quality Score



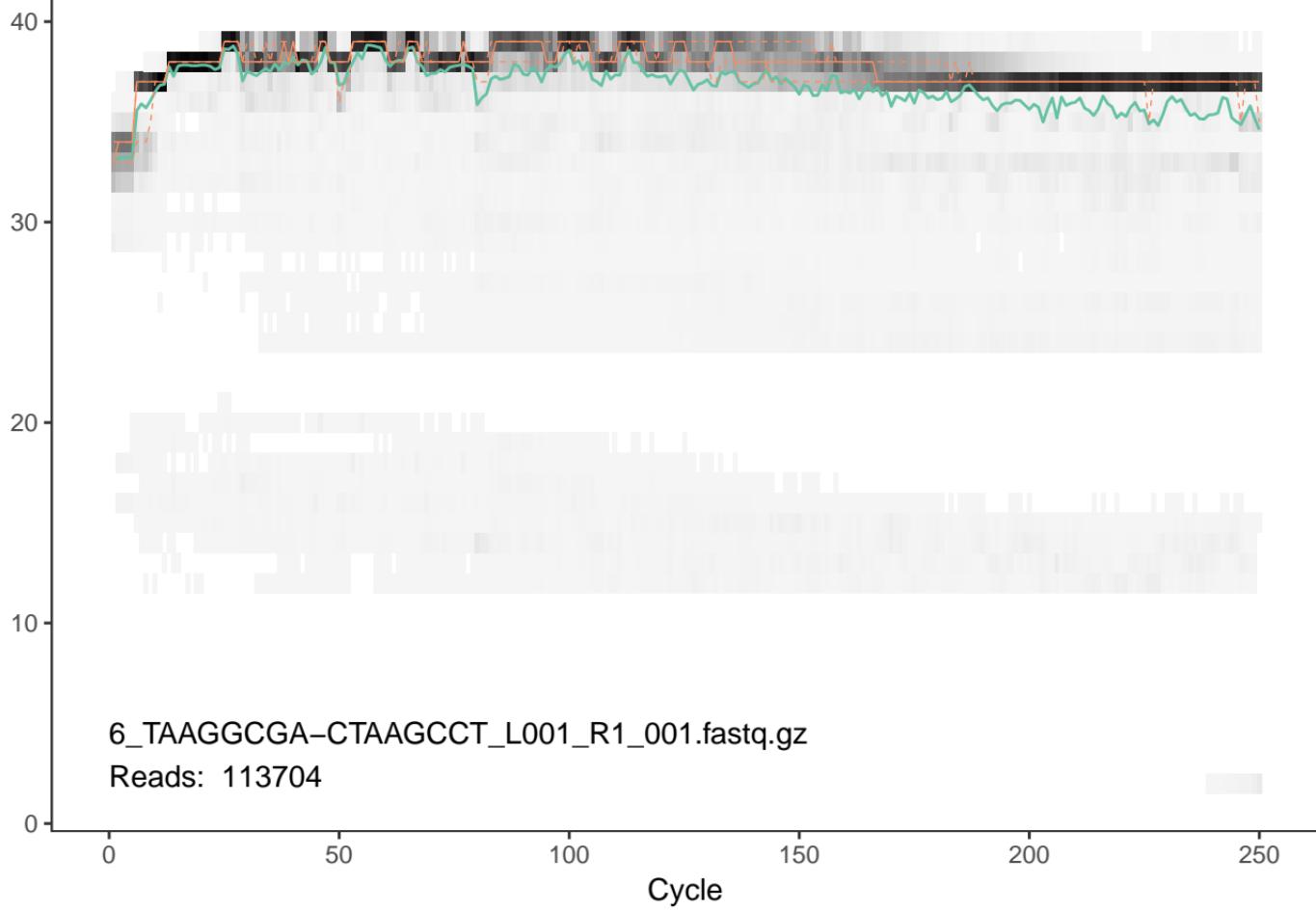
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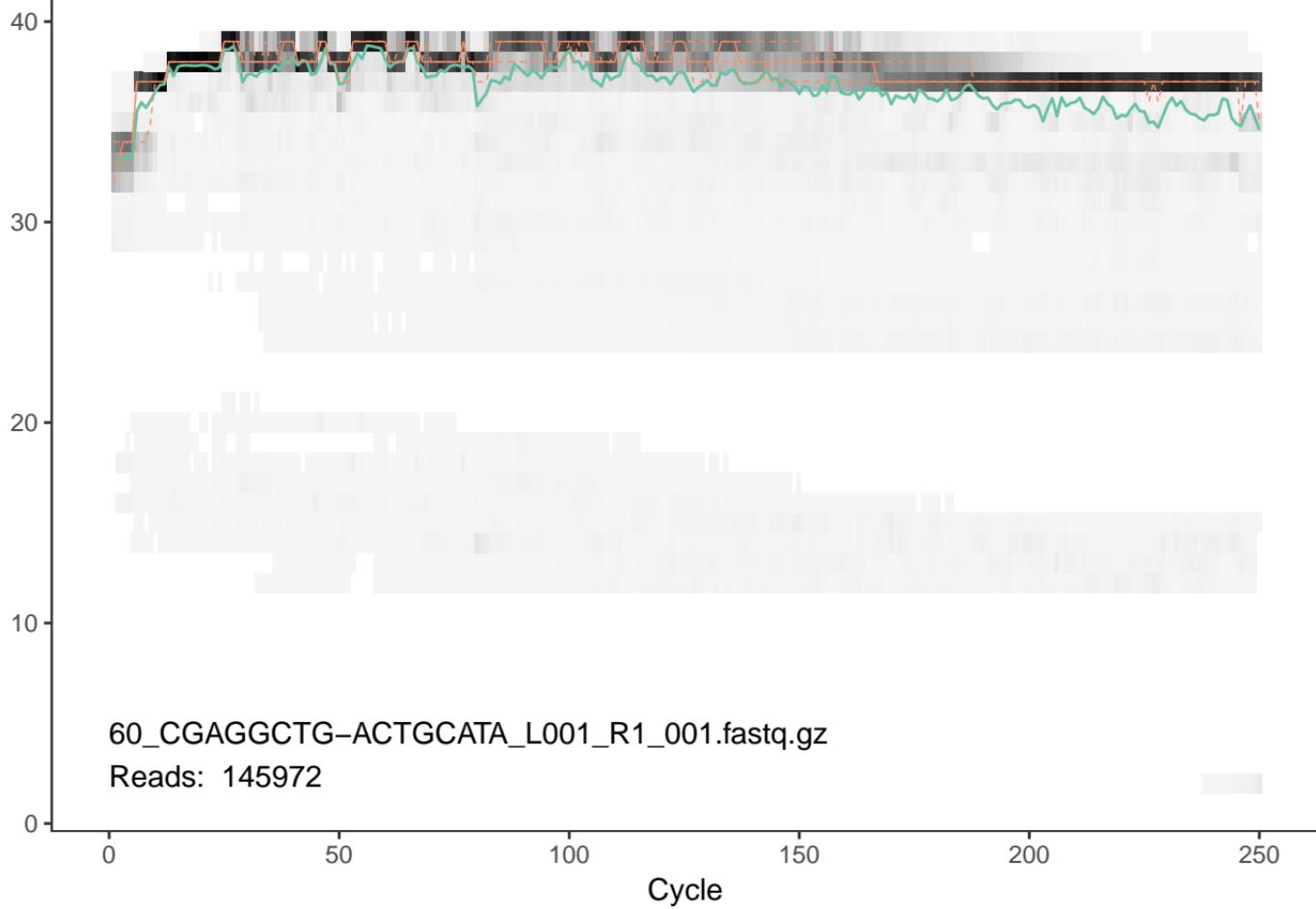
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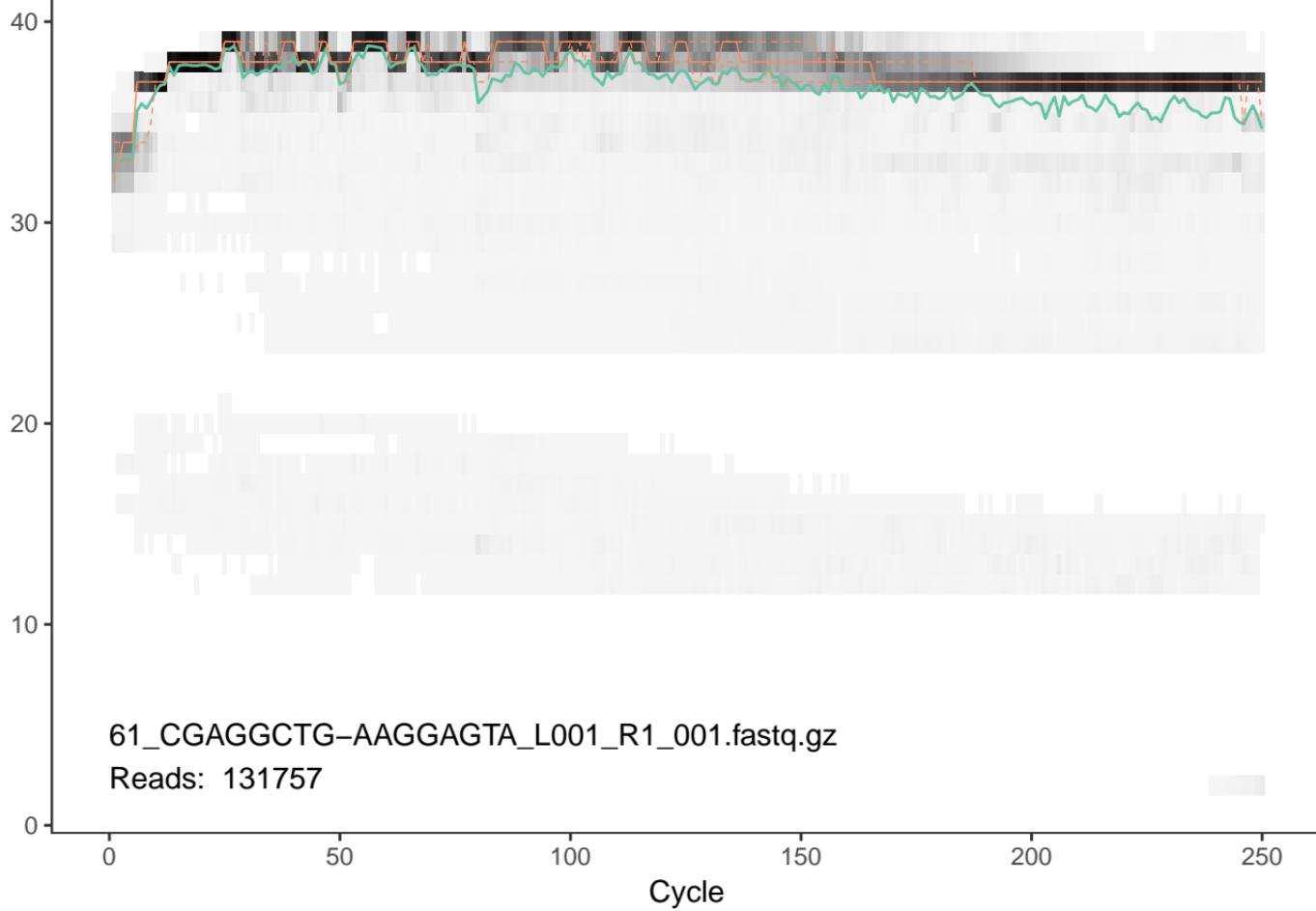
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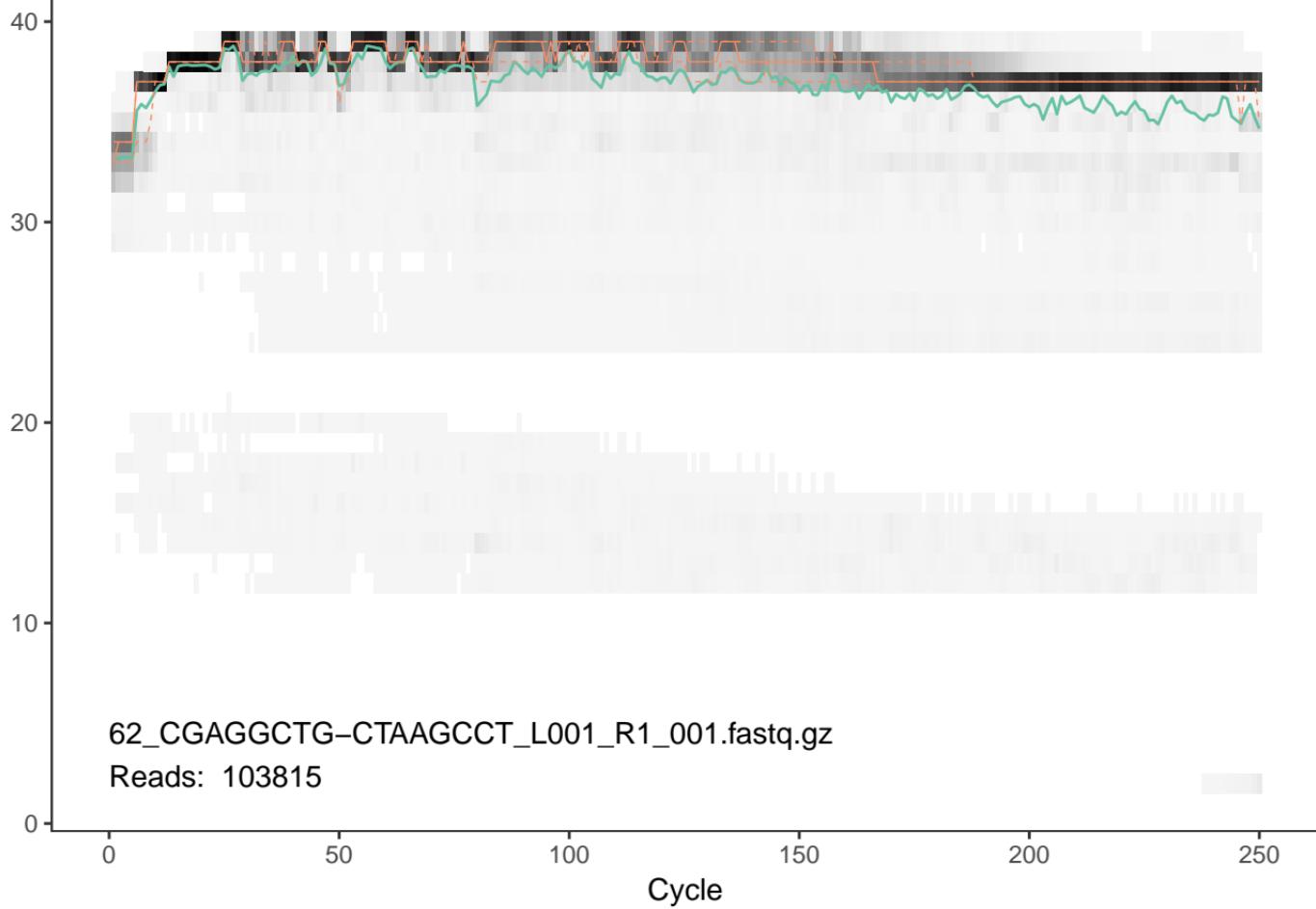
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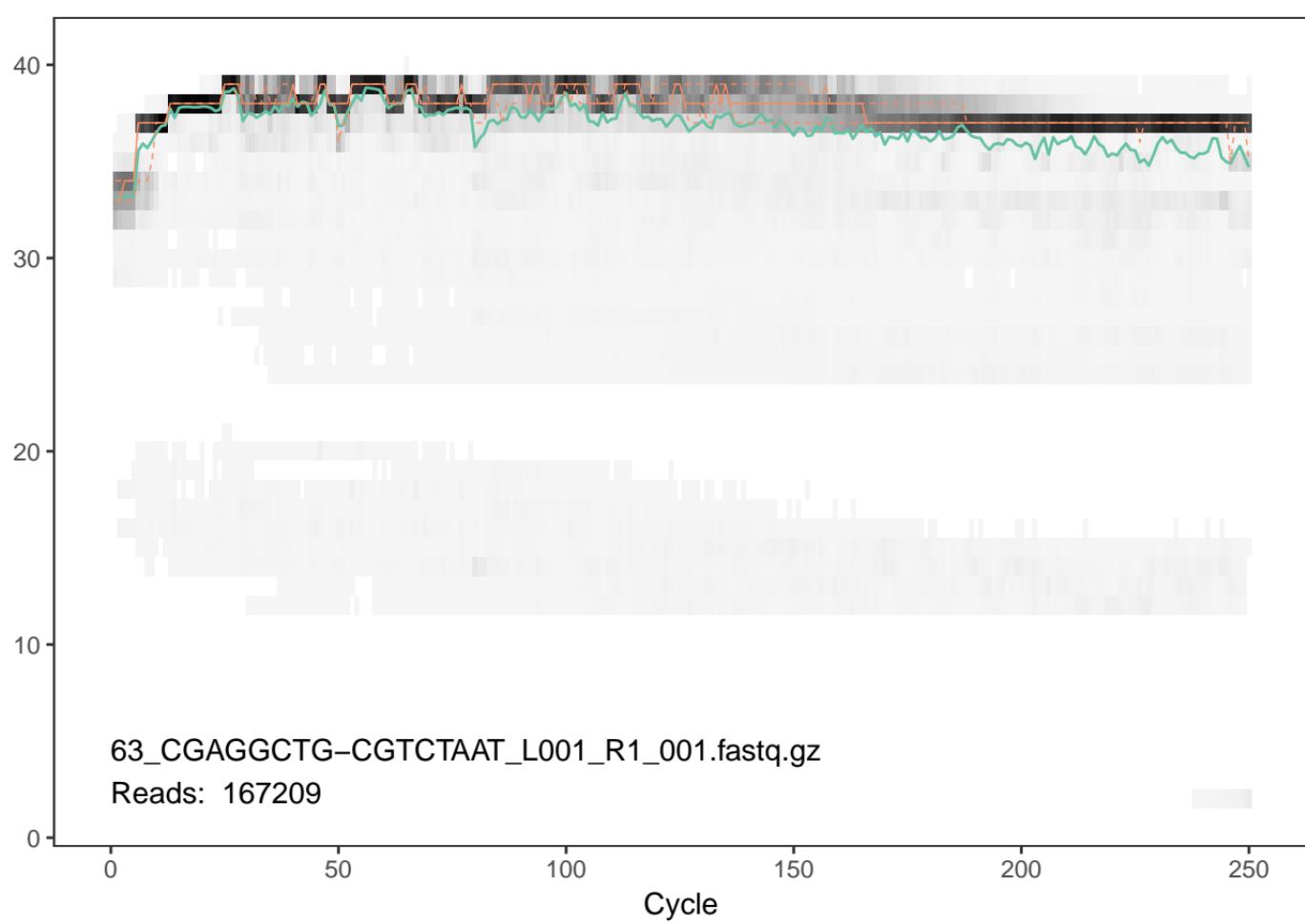
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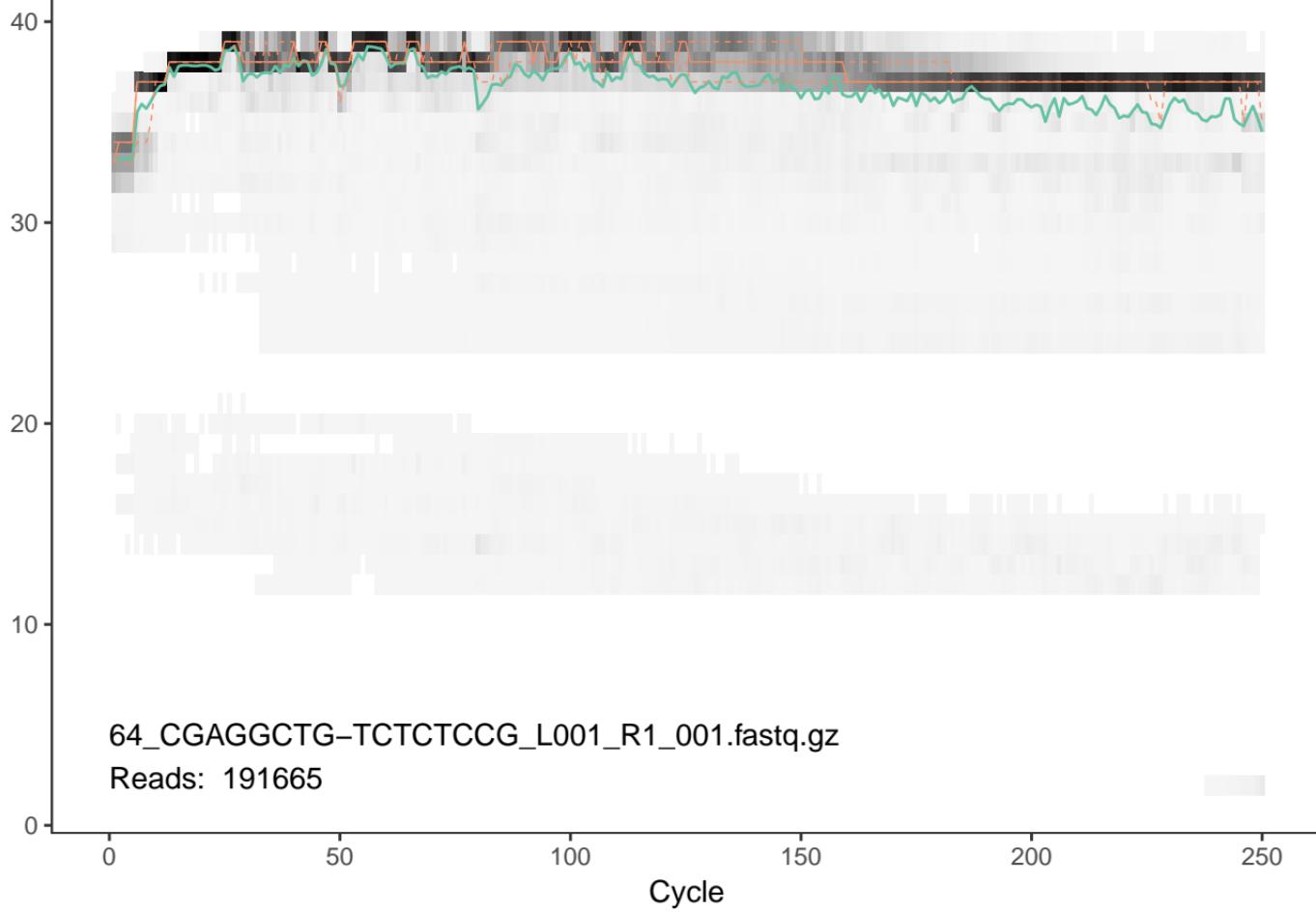
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Quality Score



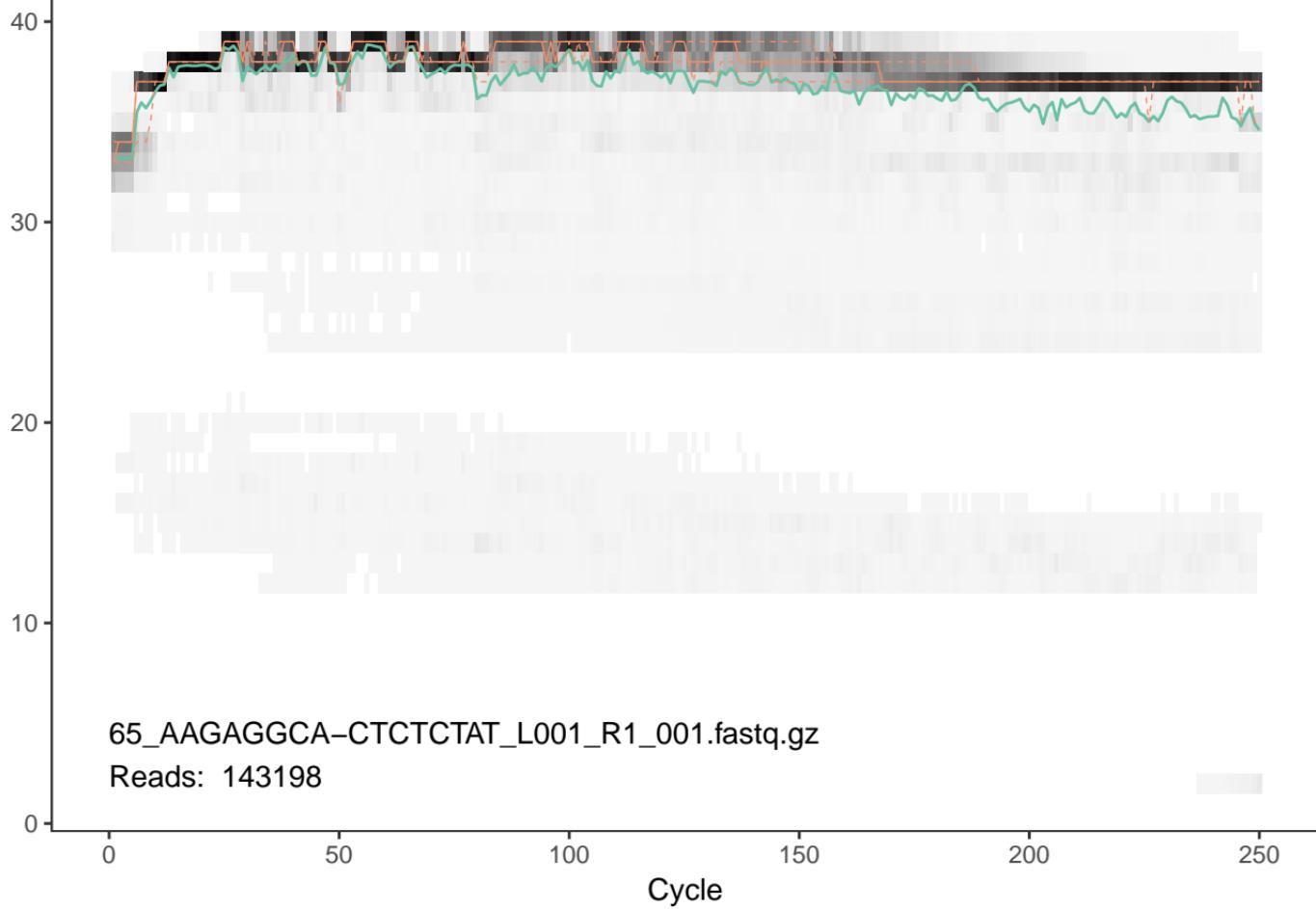
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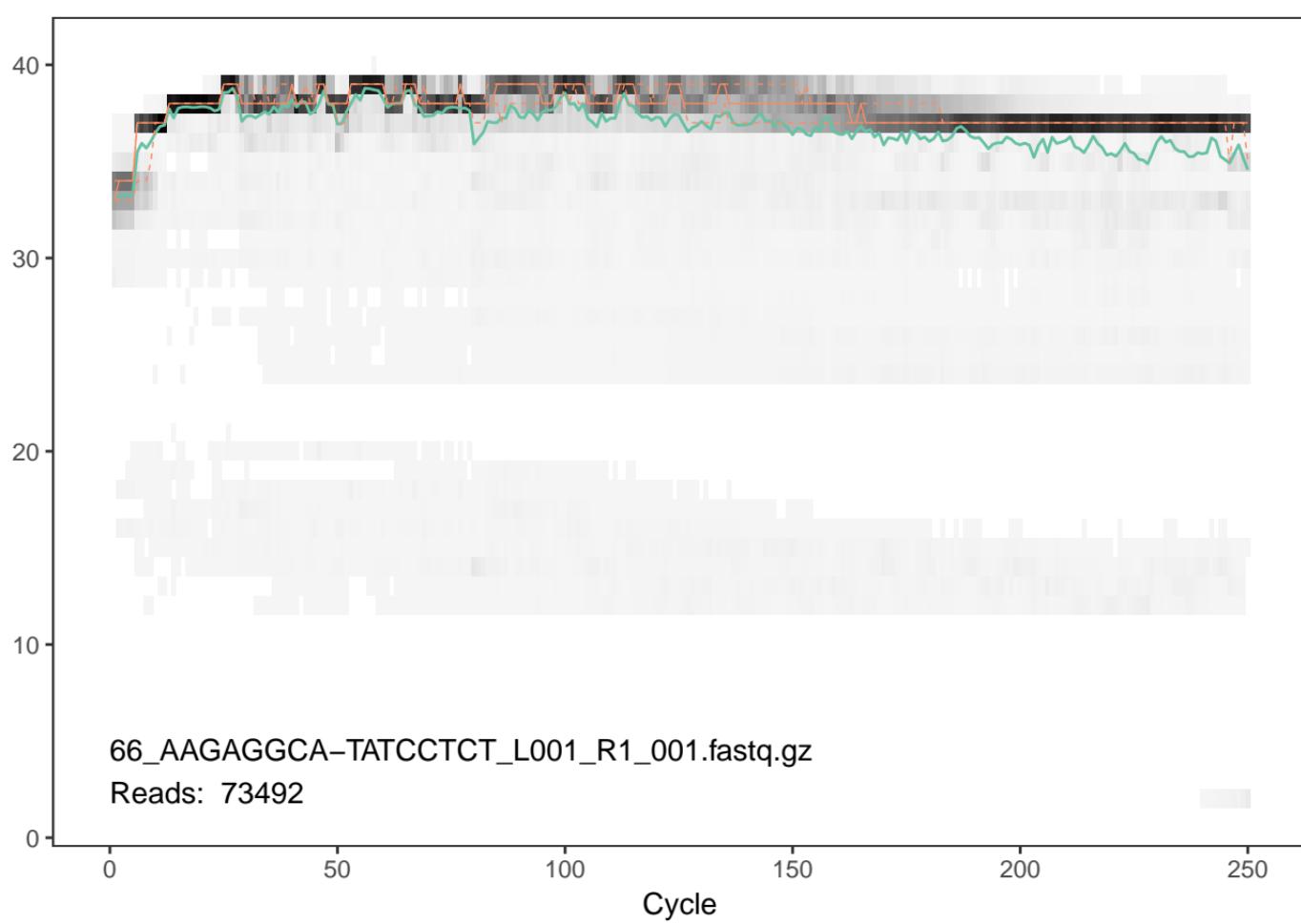
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Quality Score



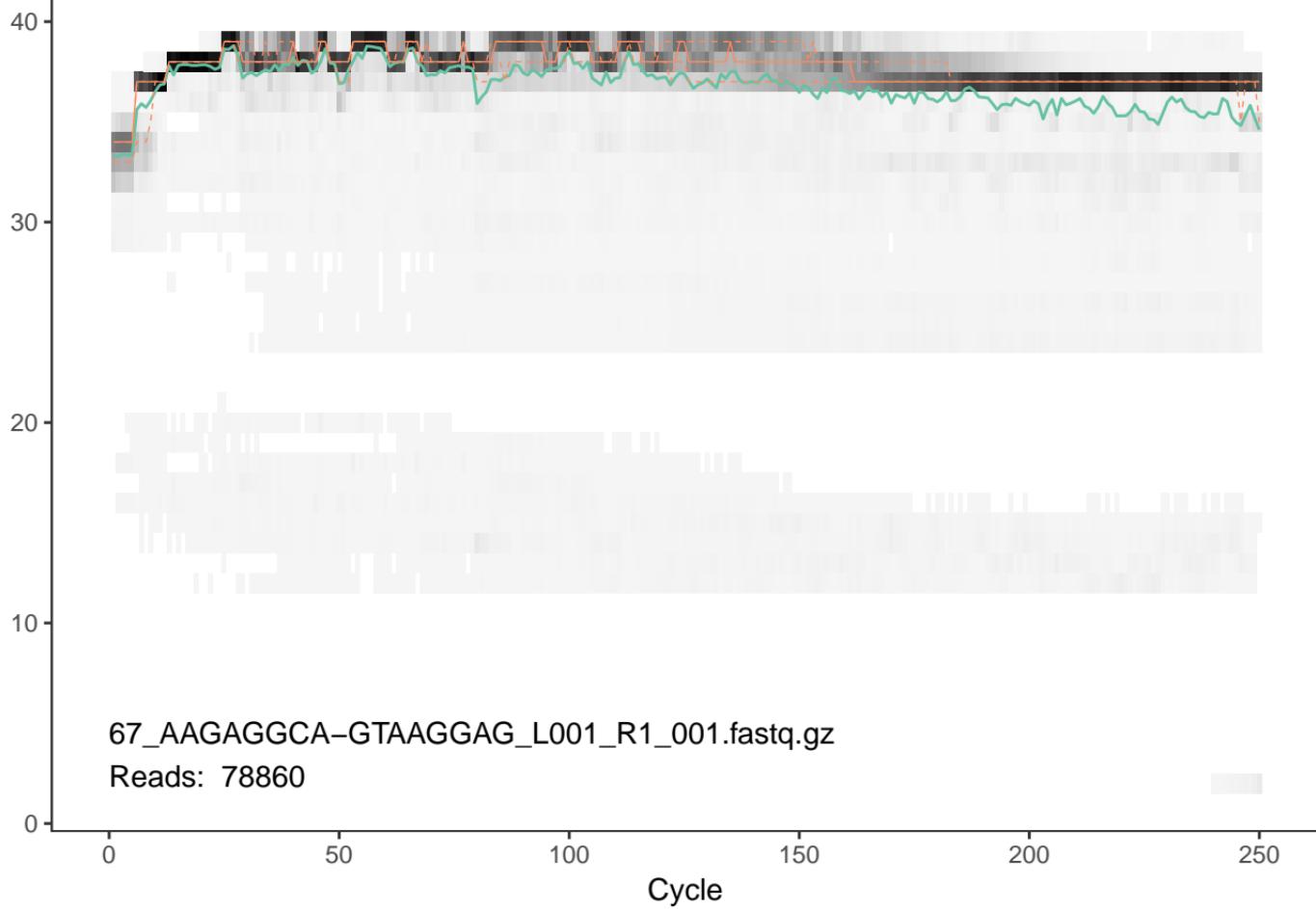
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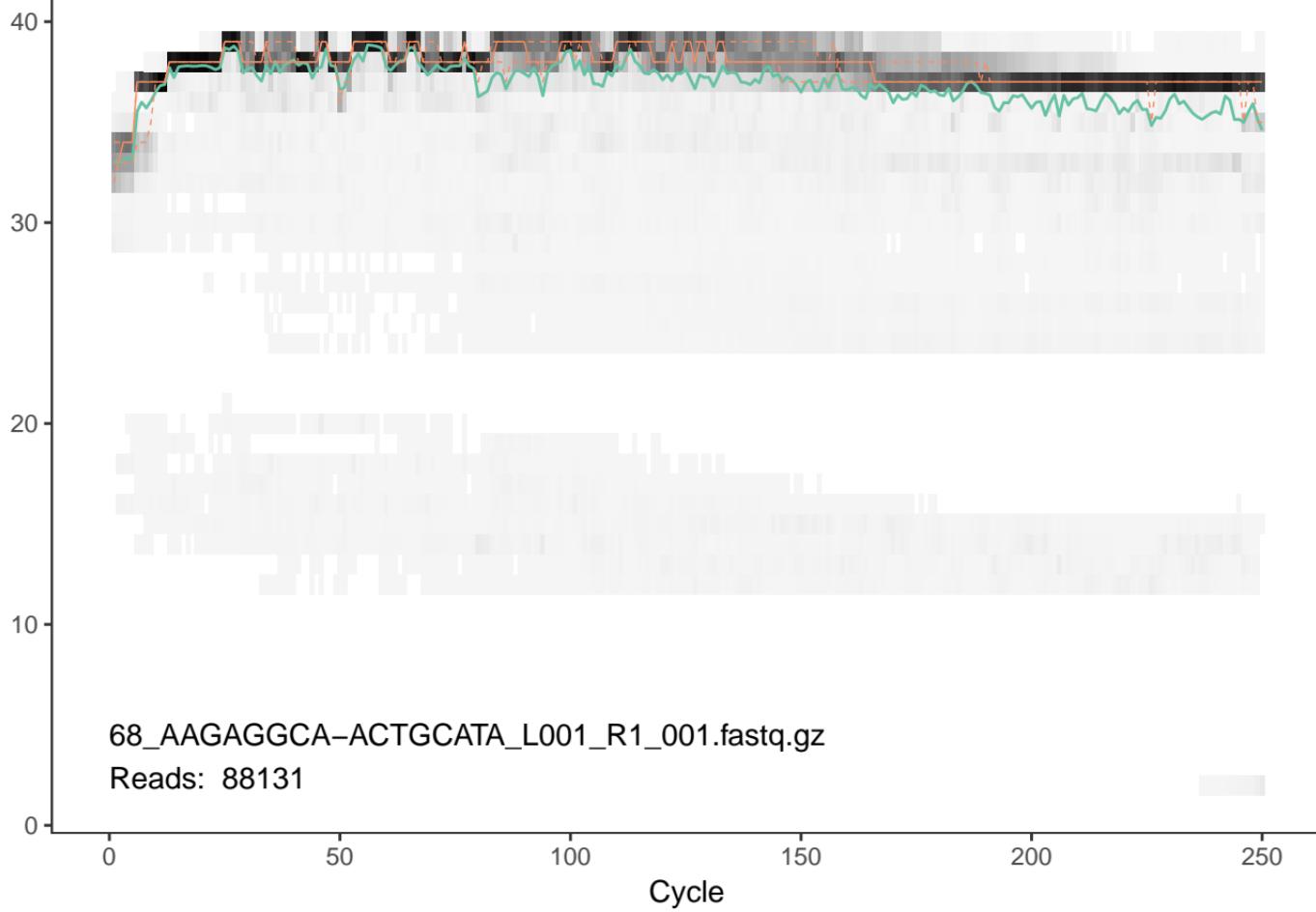
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Quality Score



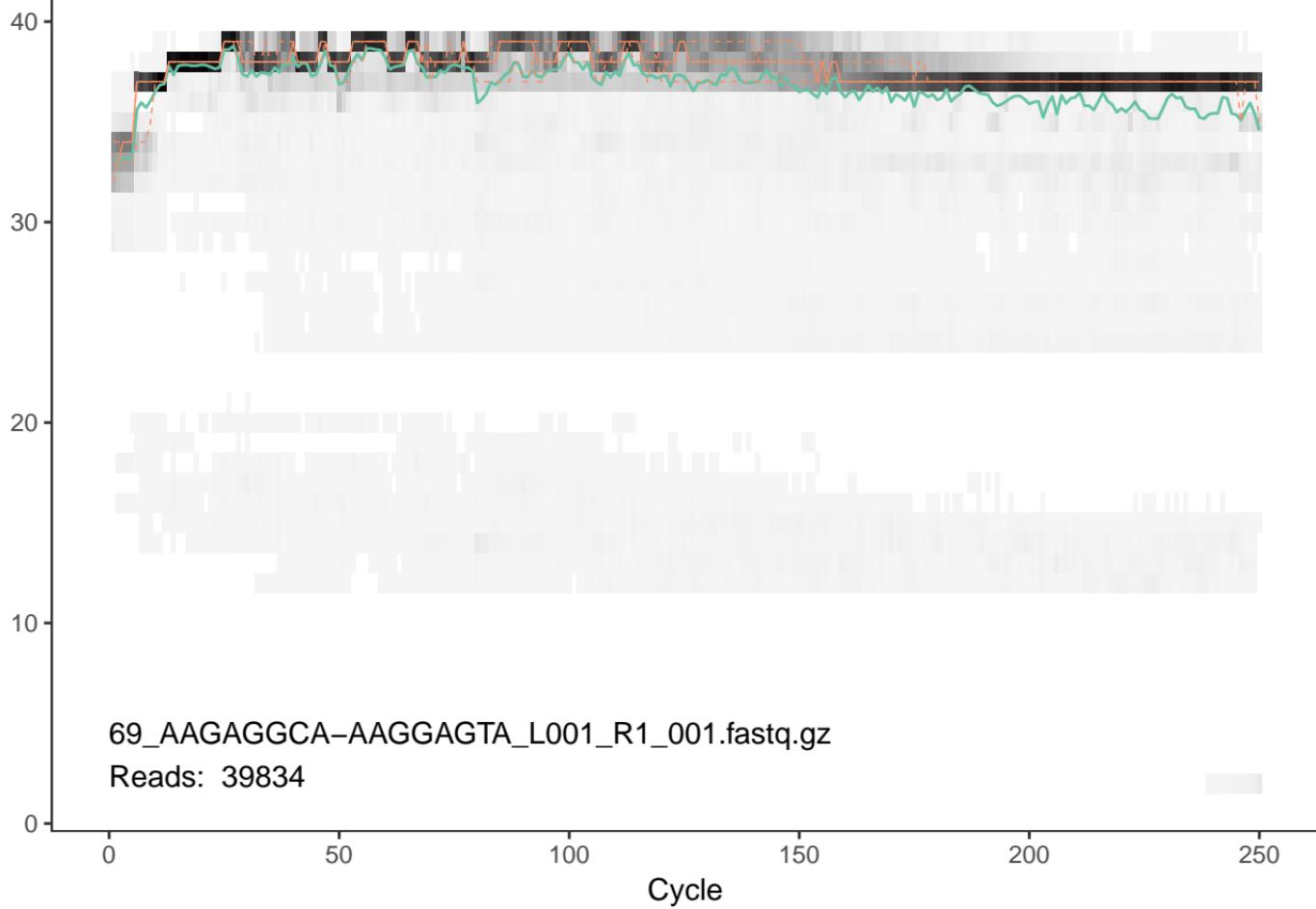
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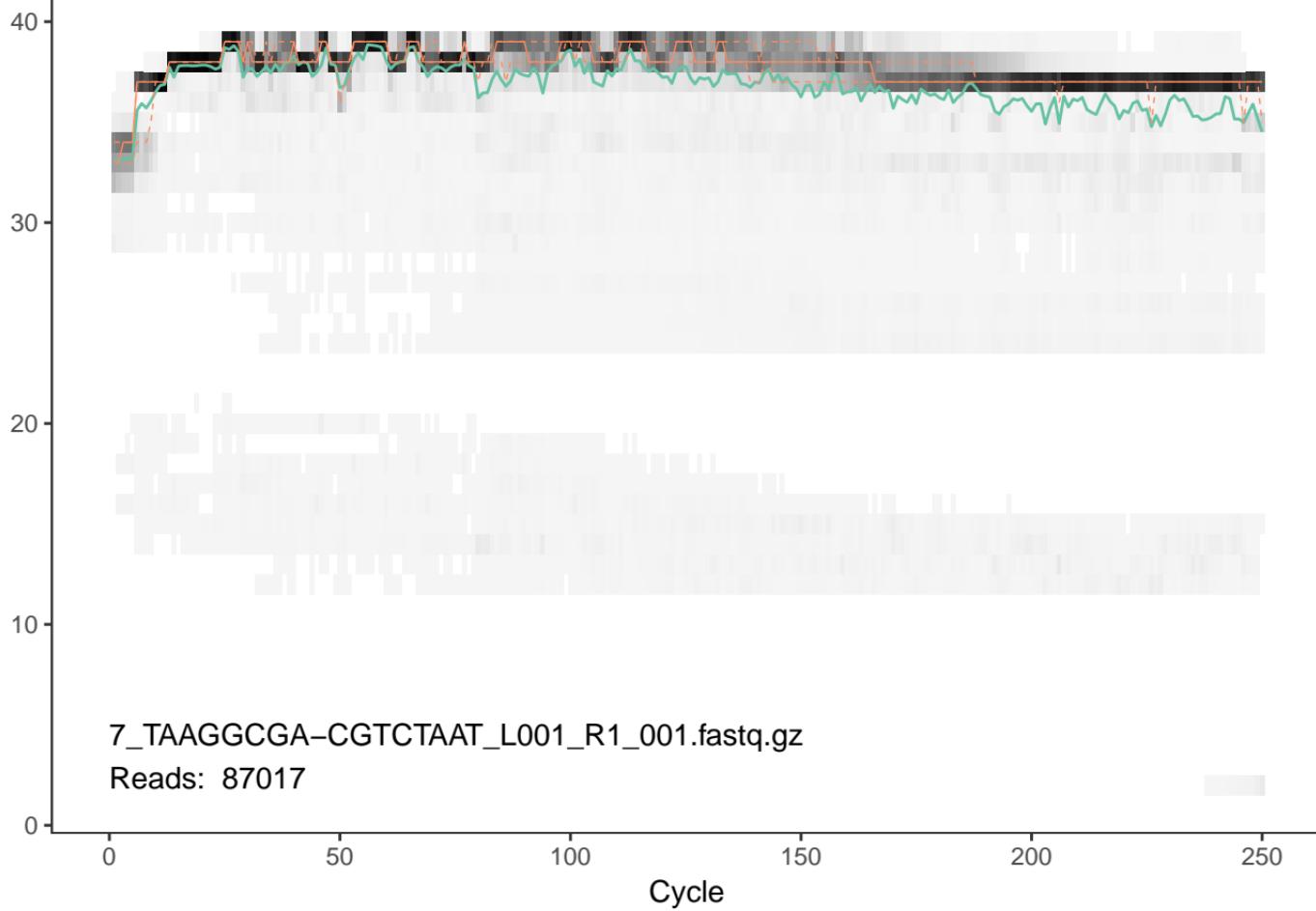
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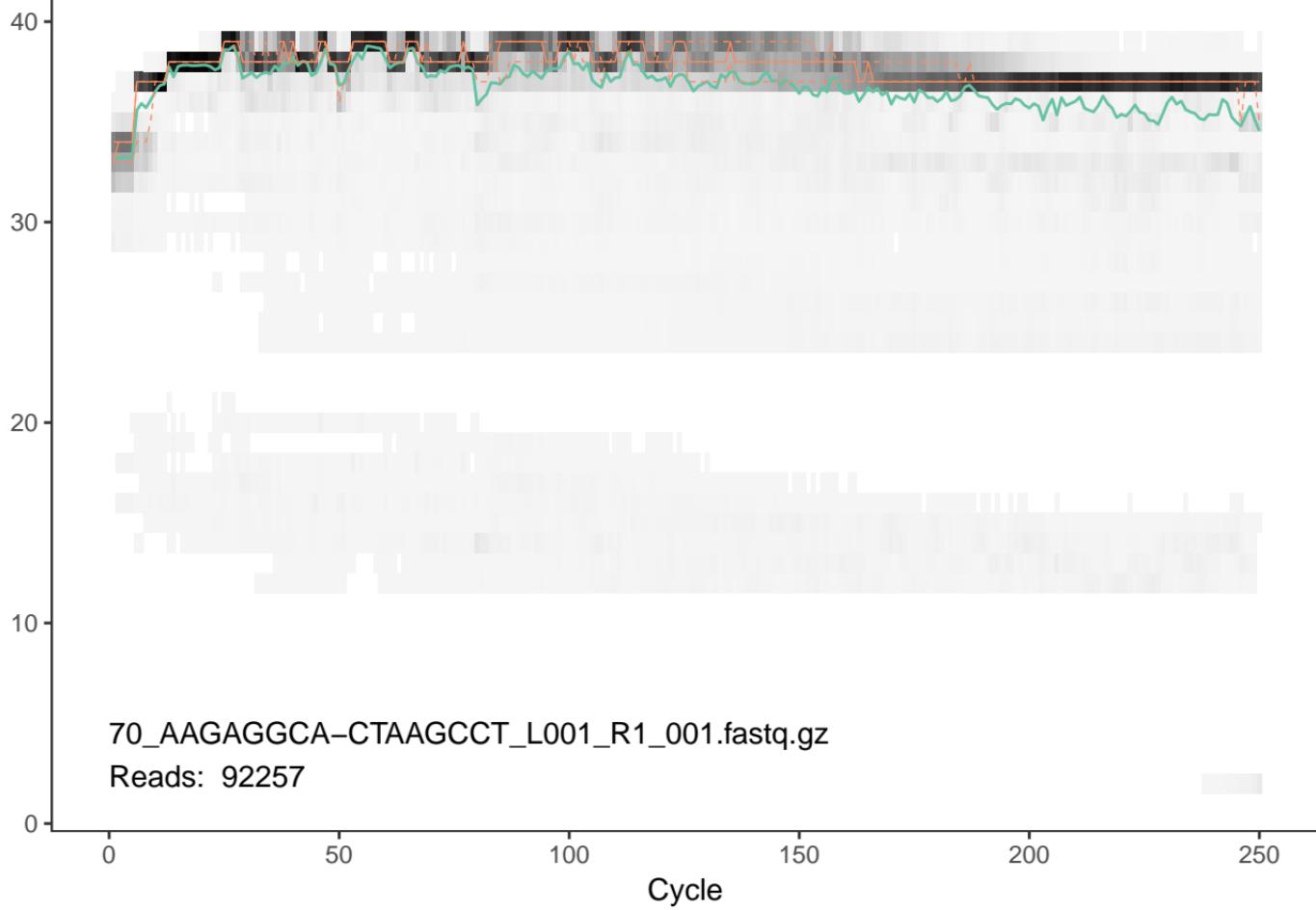
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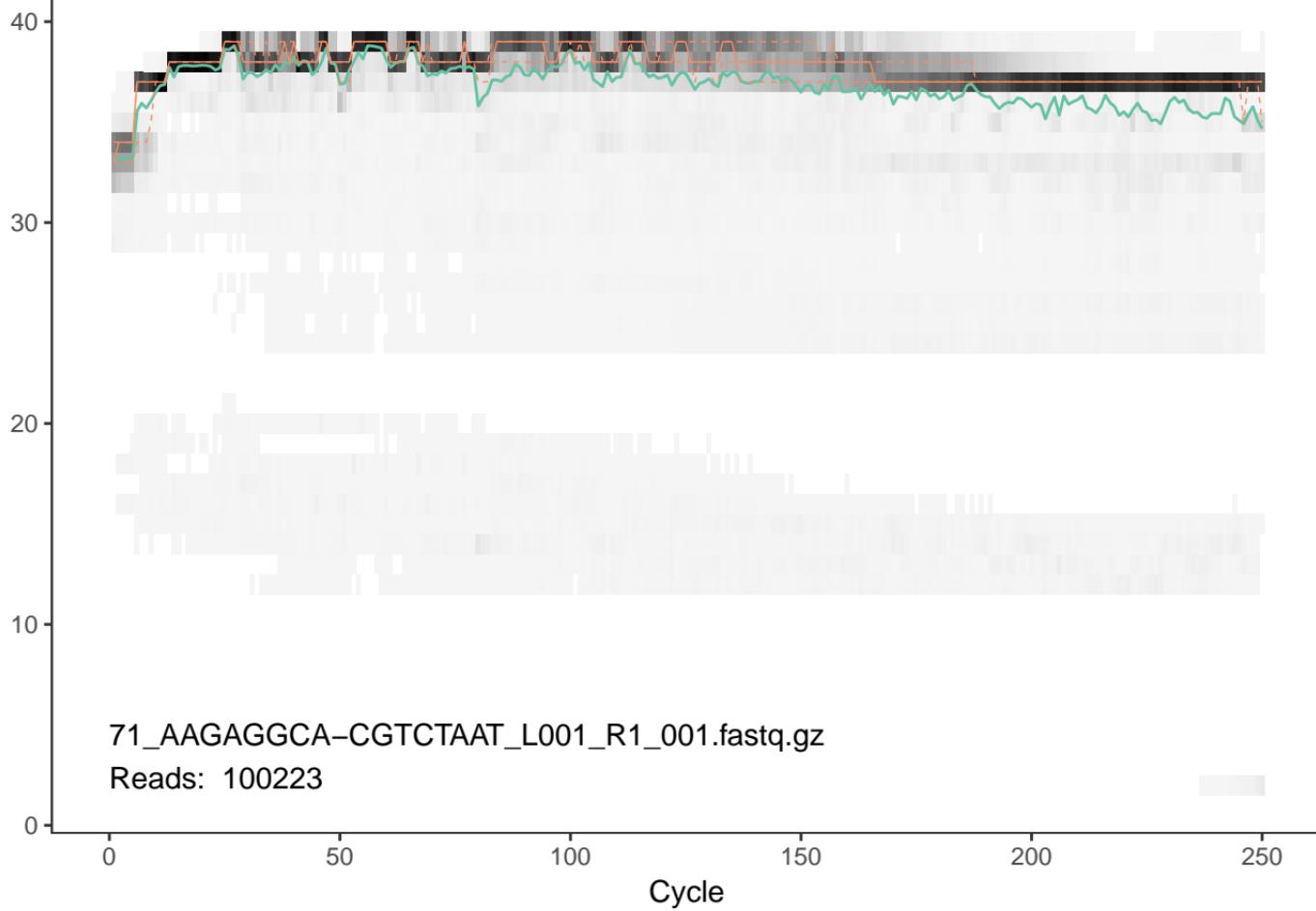
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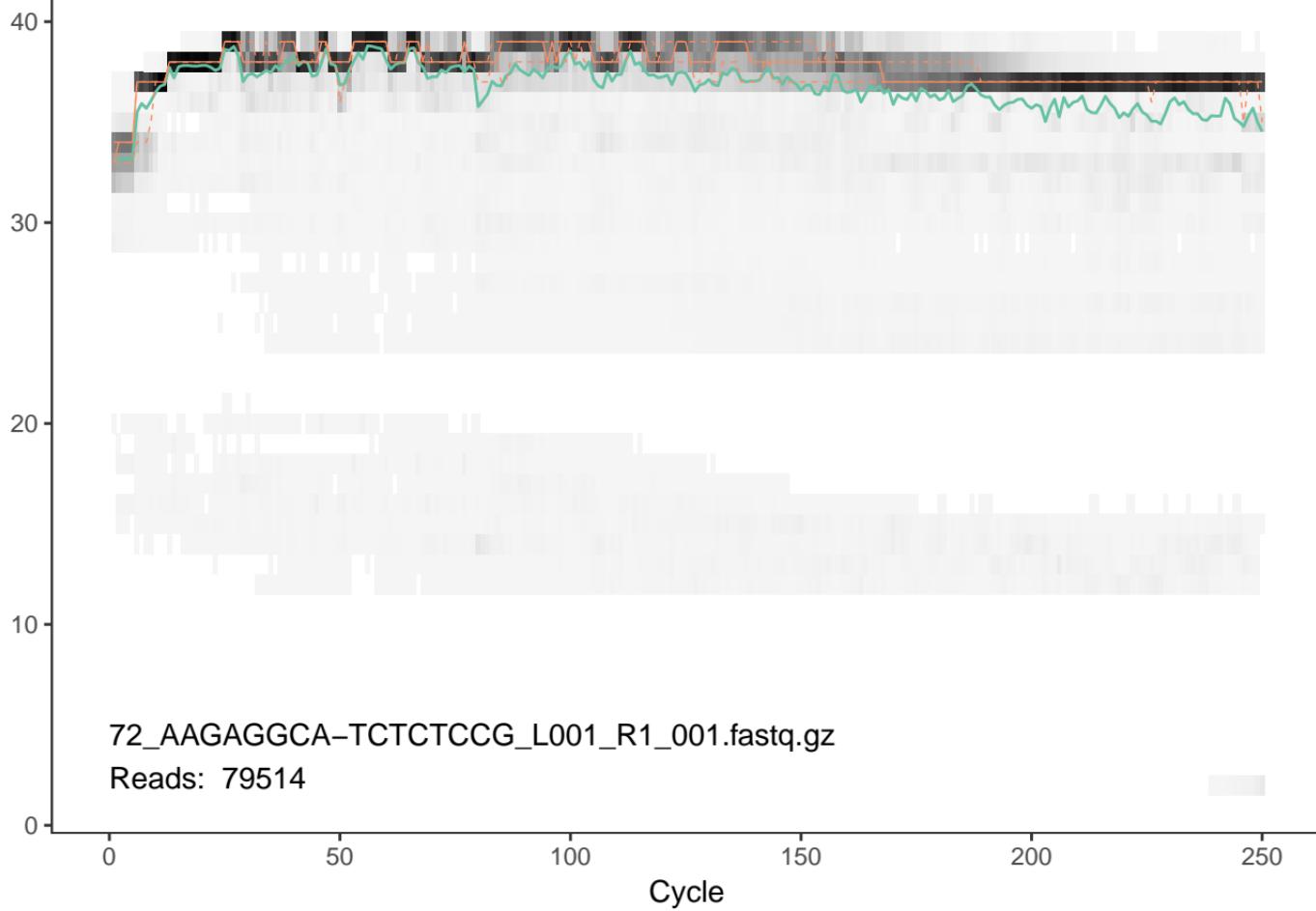
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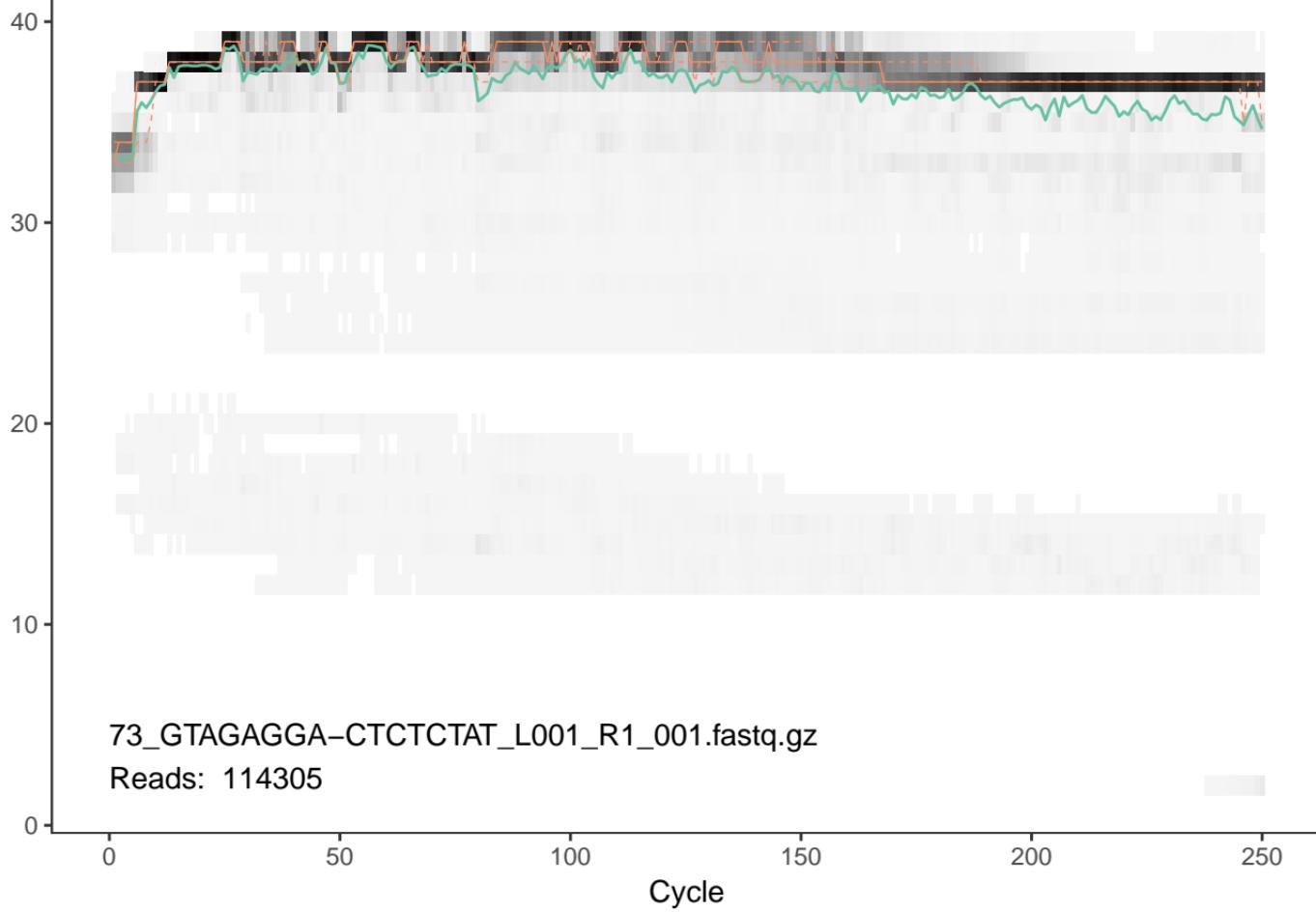
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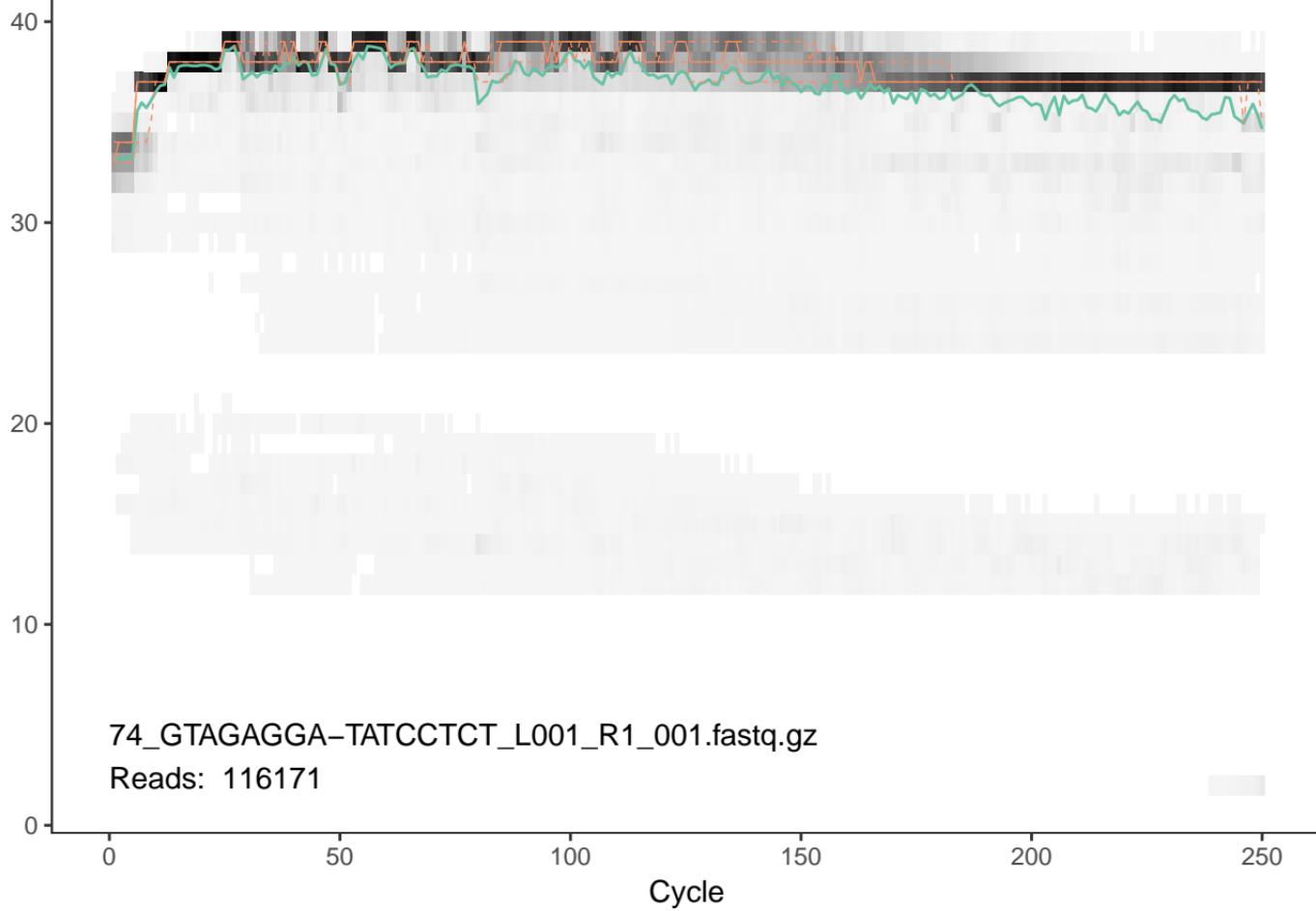
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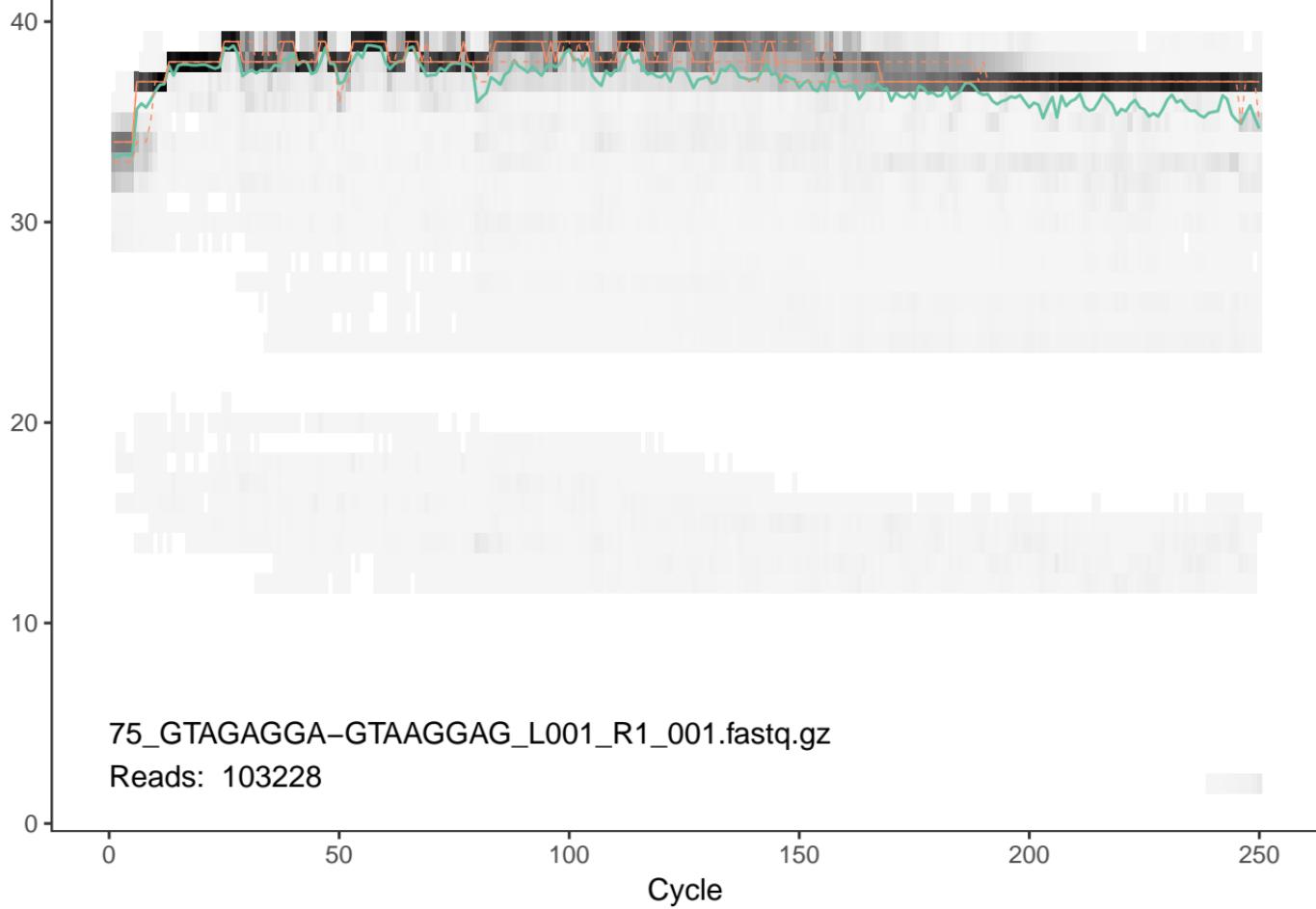
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Quality Score



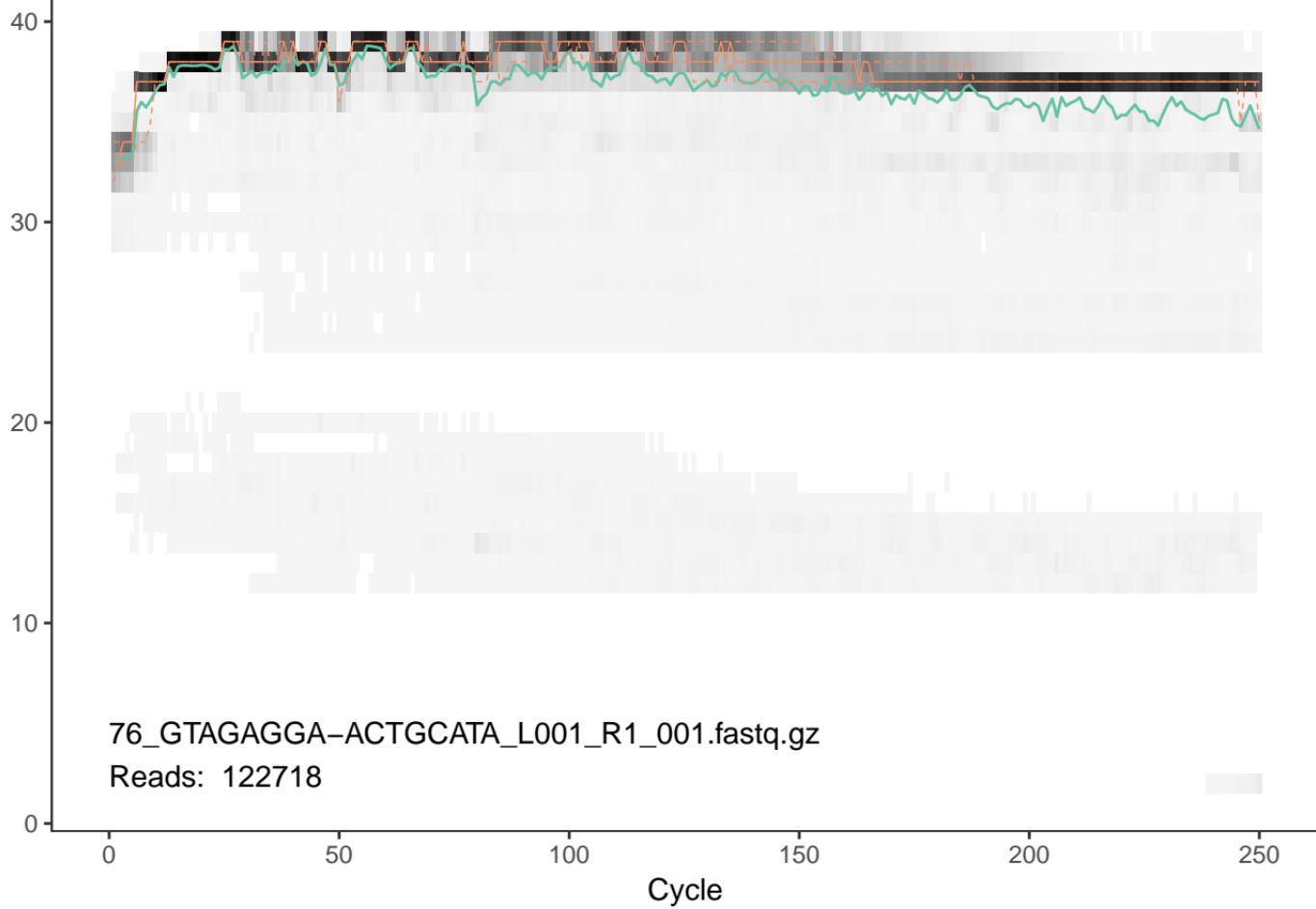
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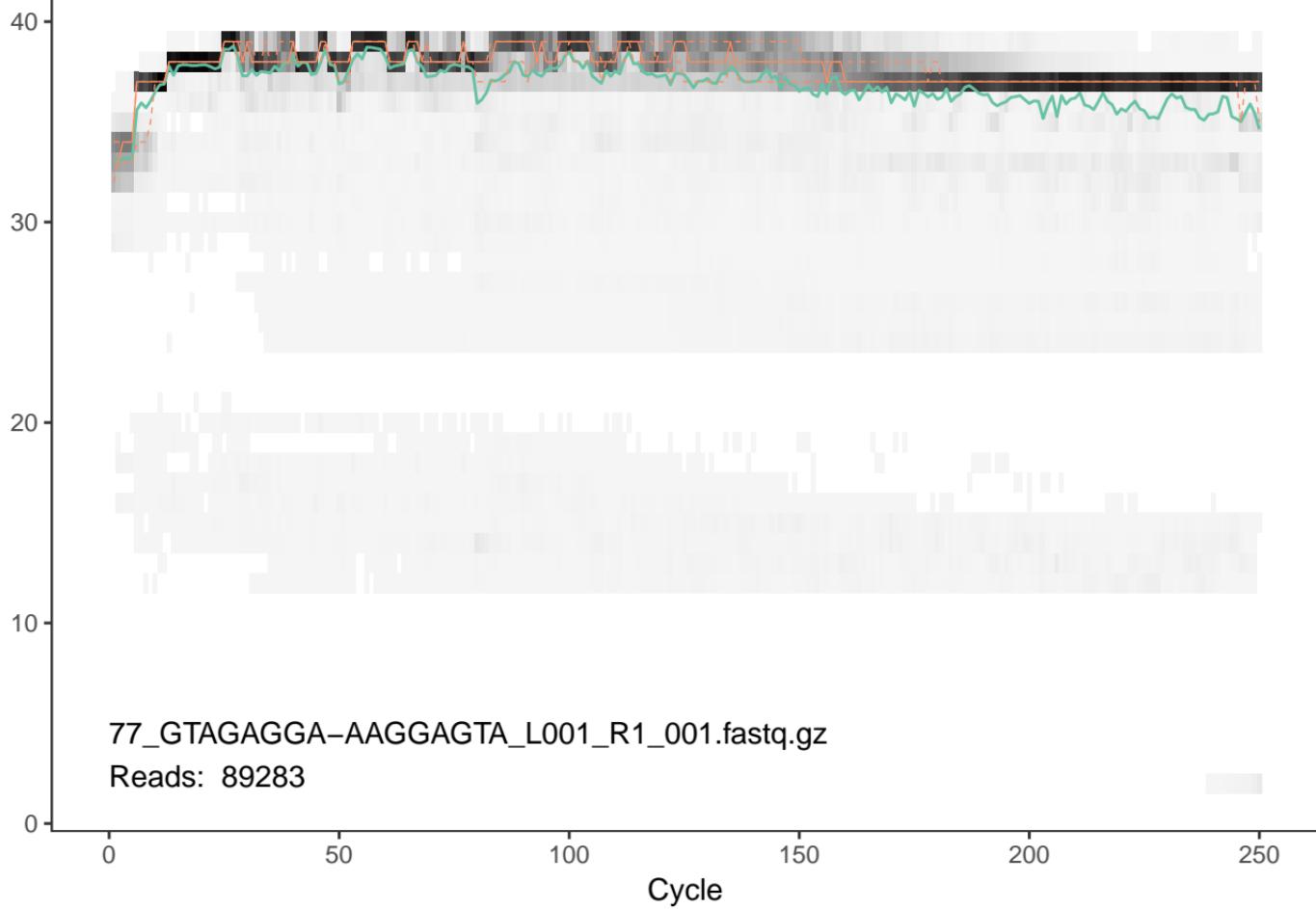
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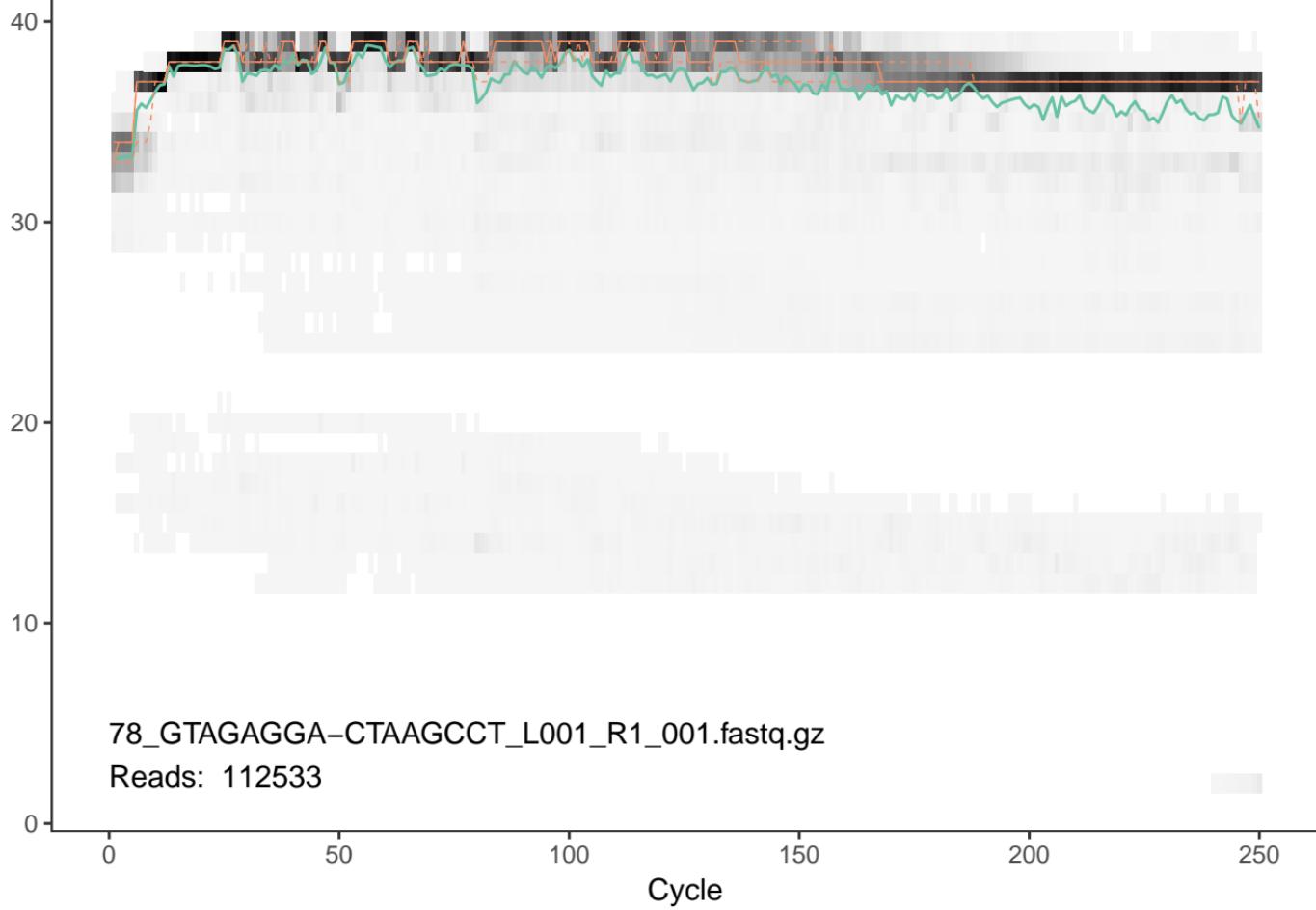
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Quality Score



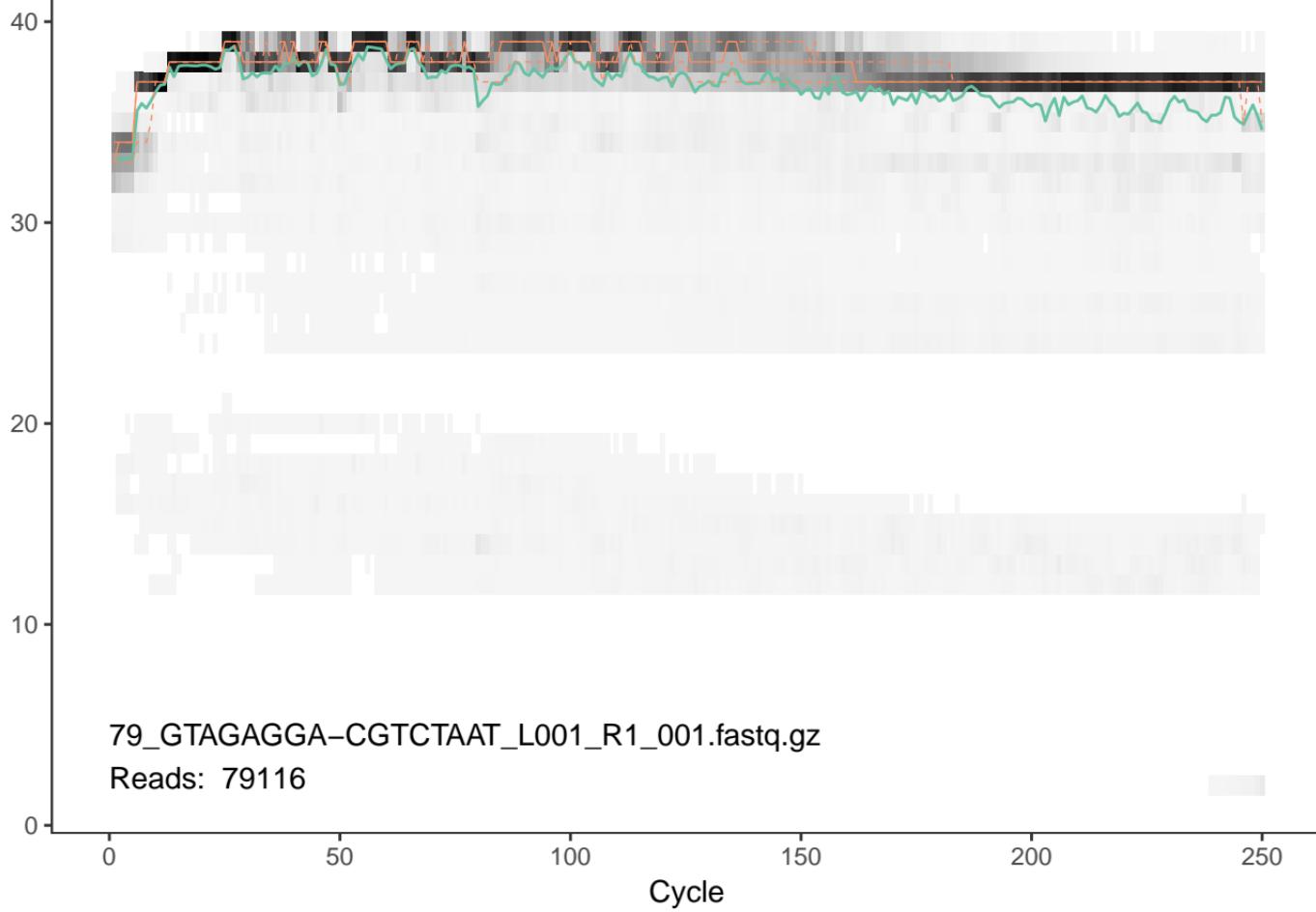
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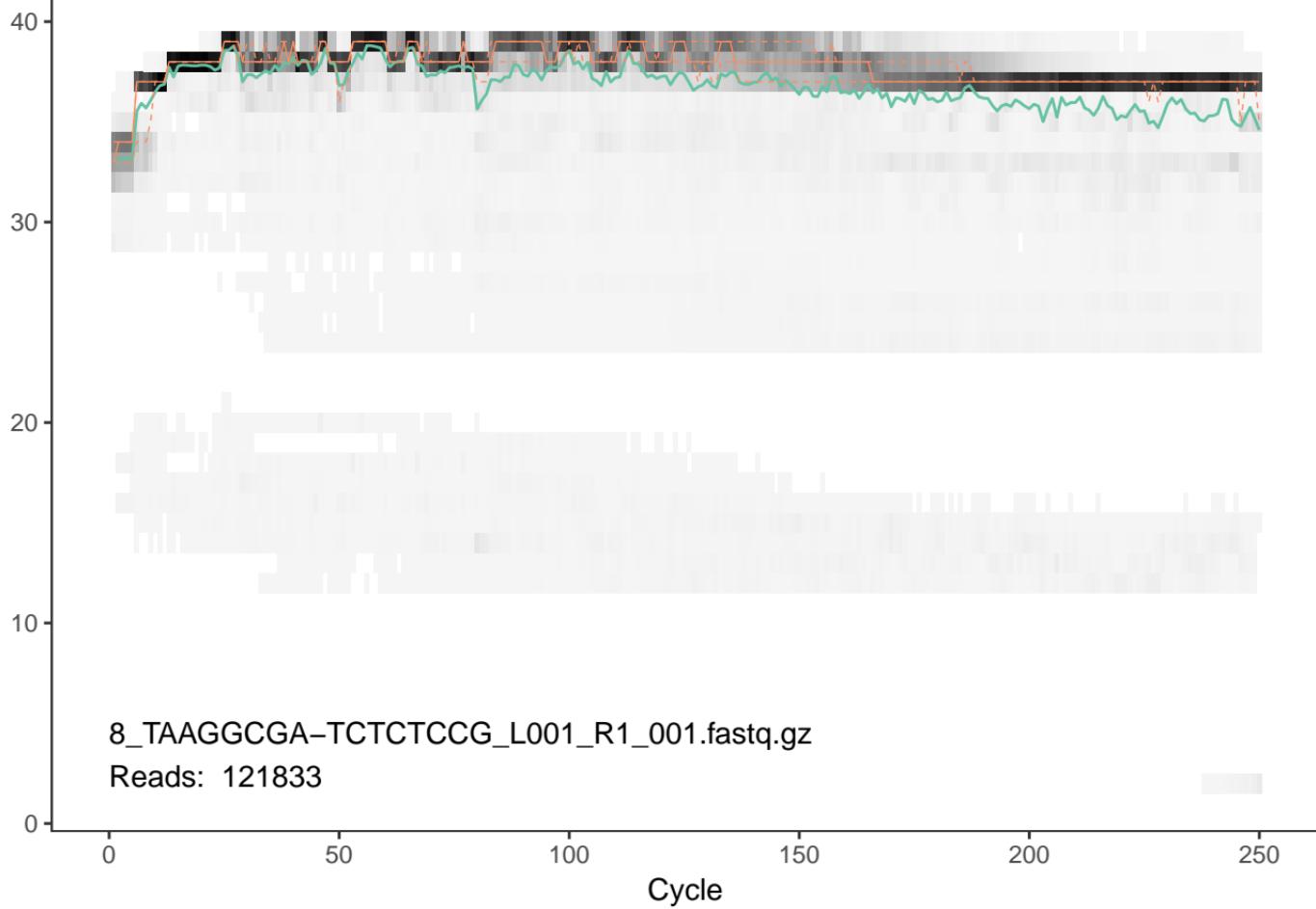
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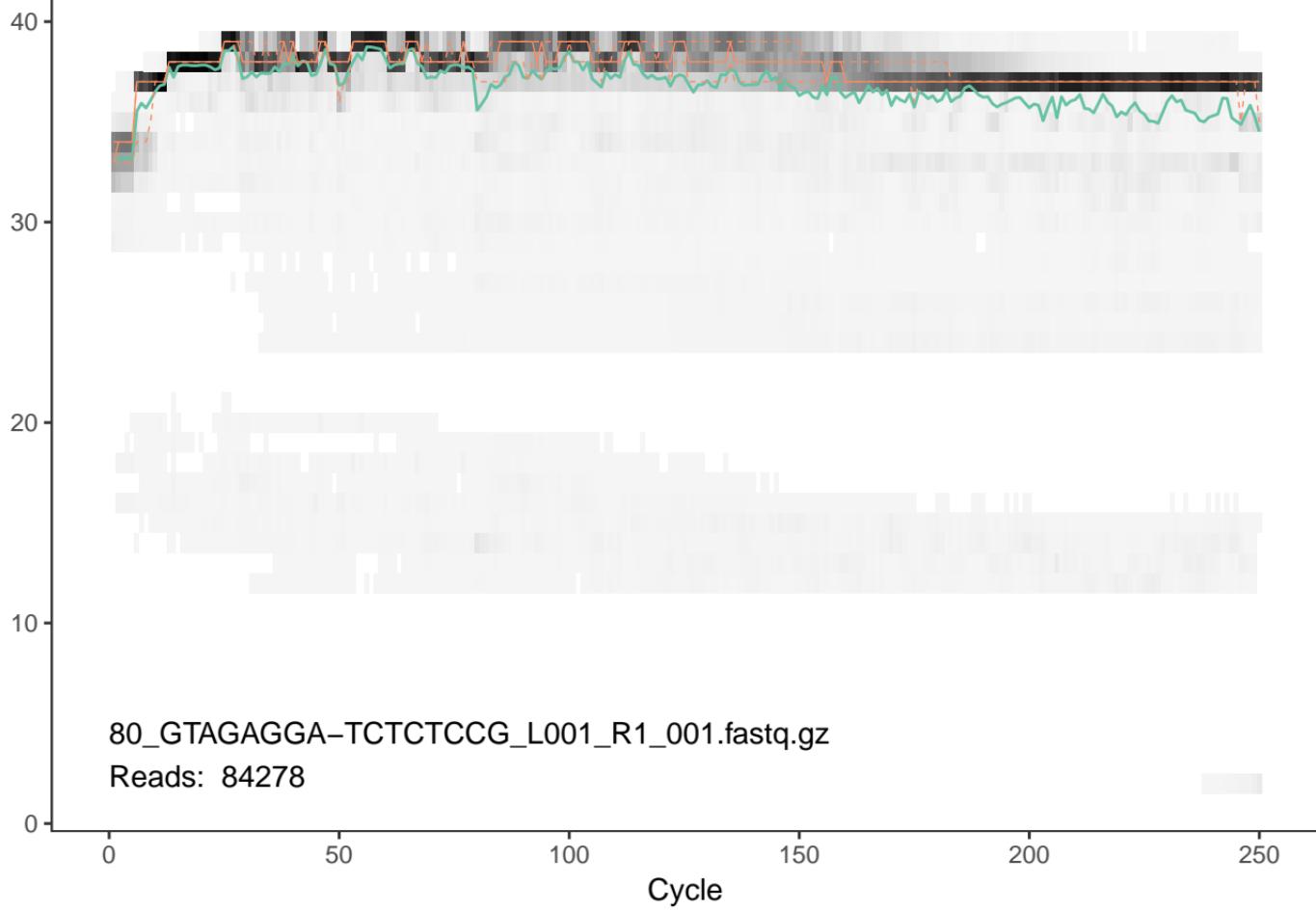
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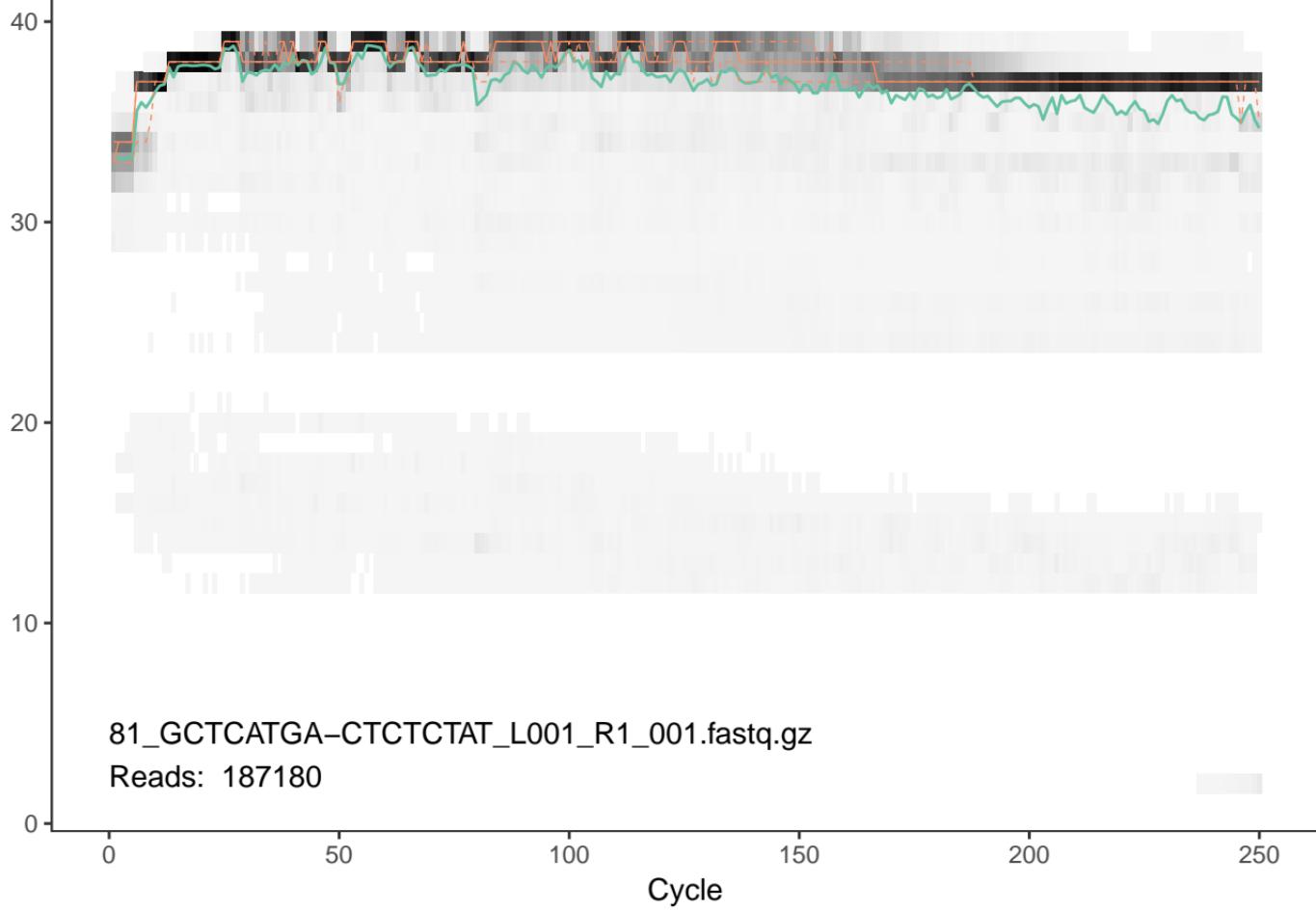
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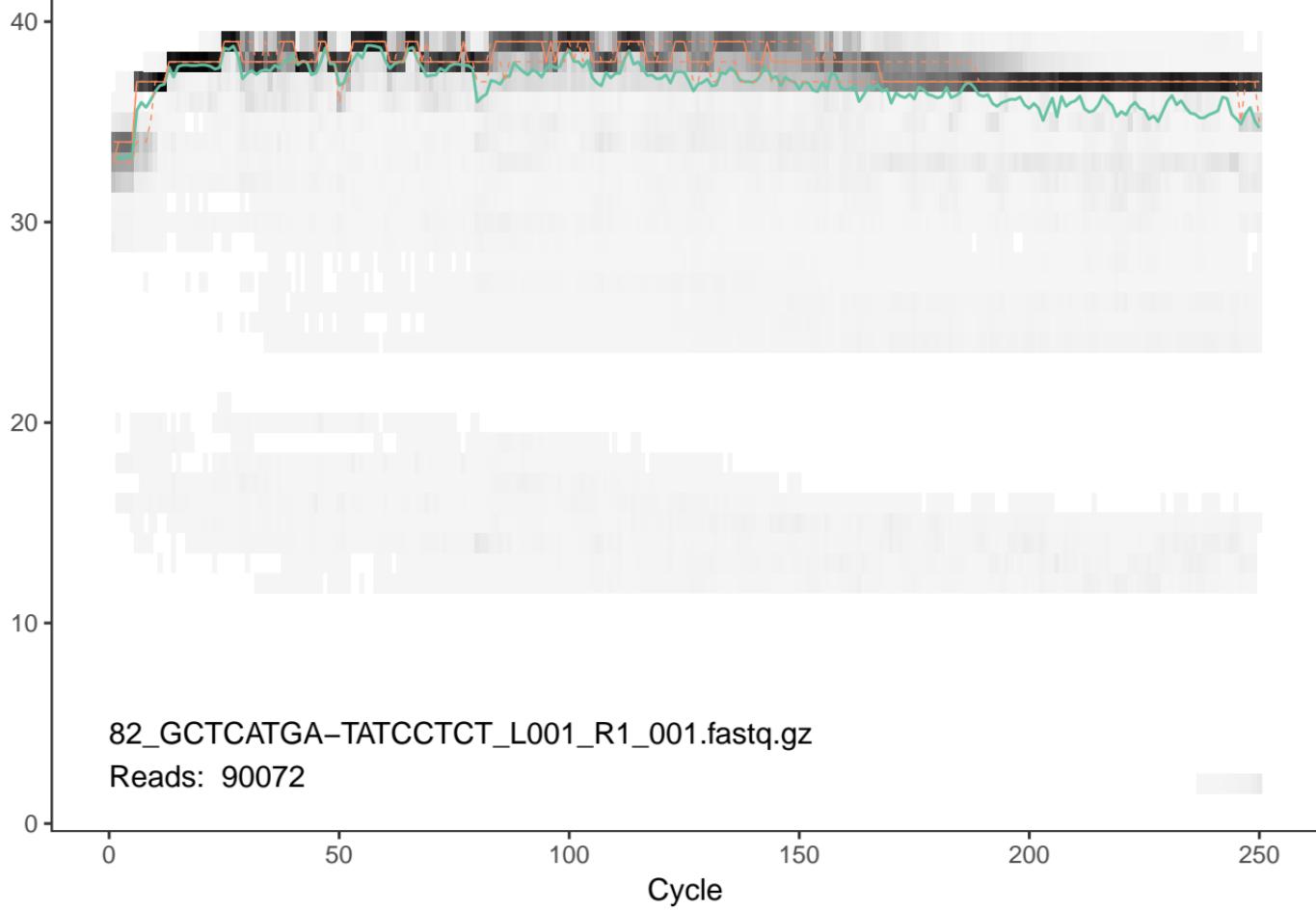
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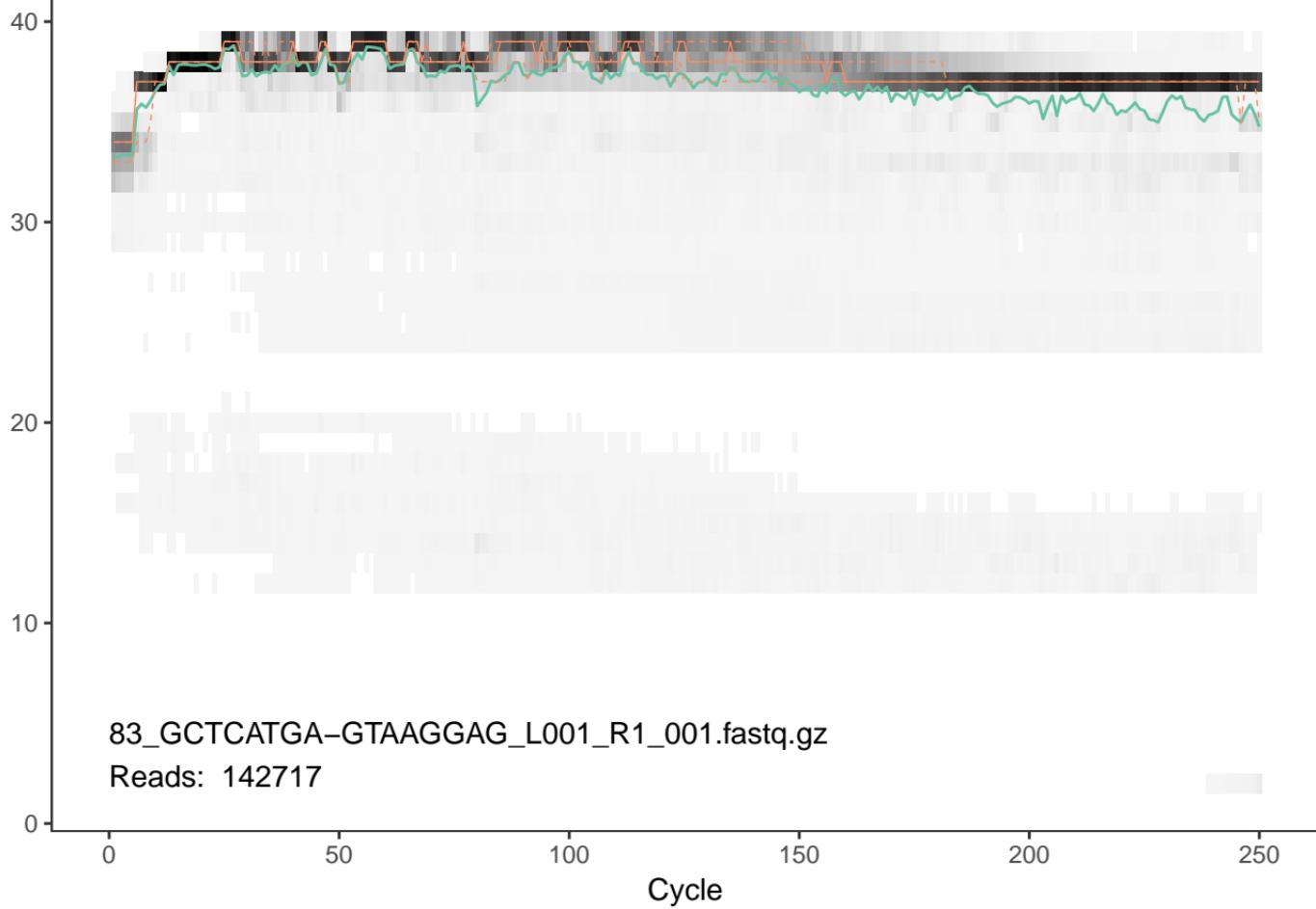
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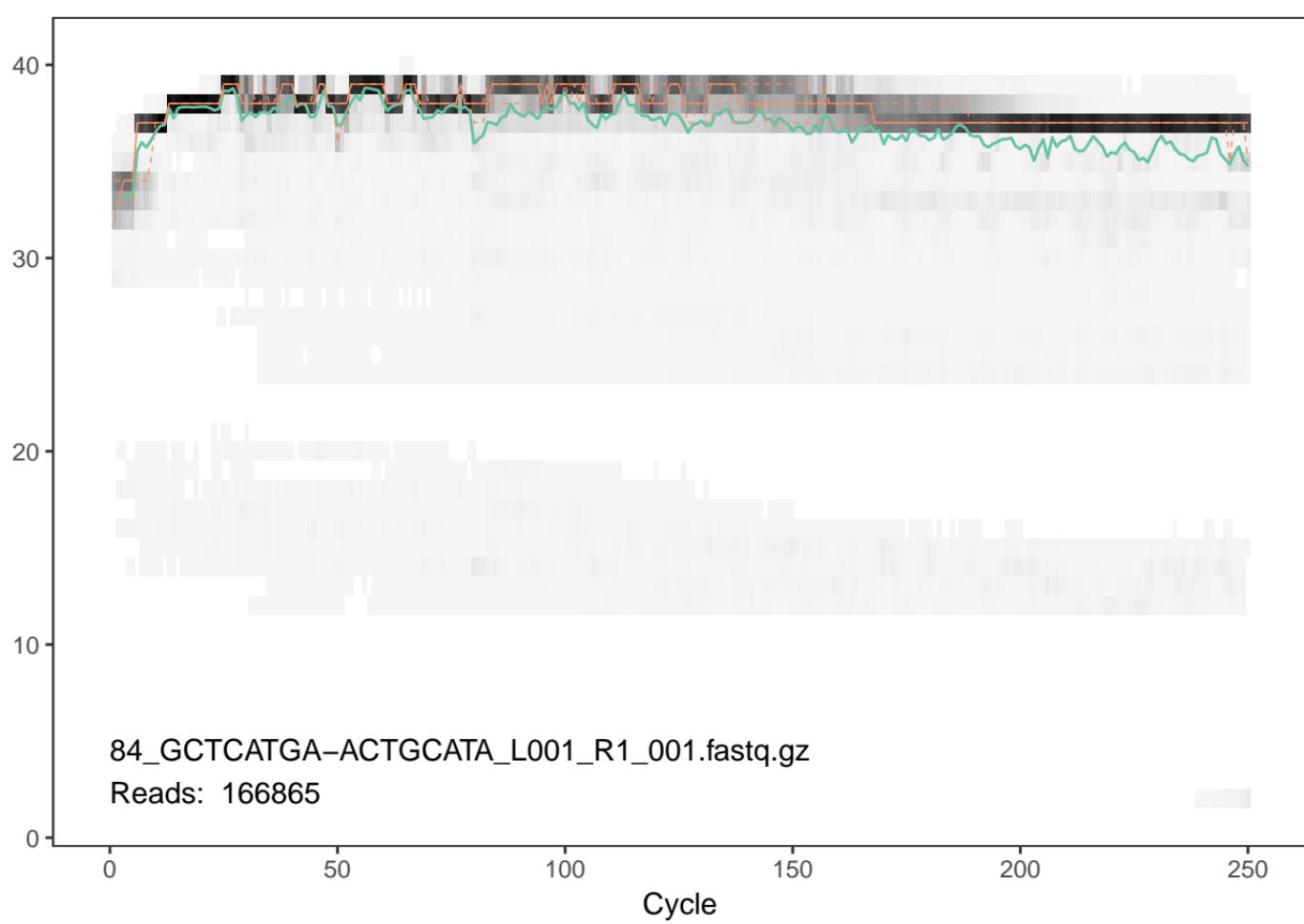
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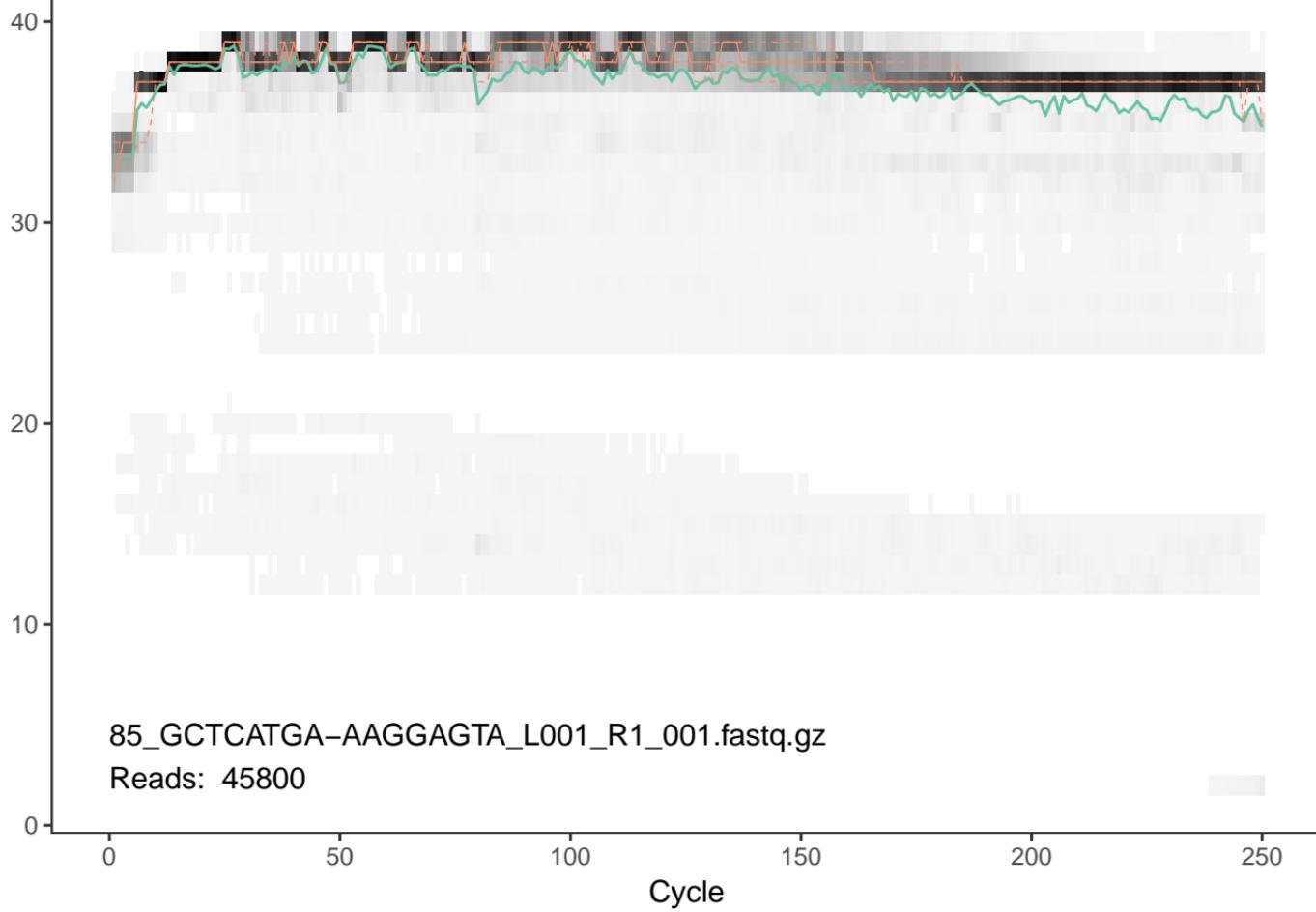
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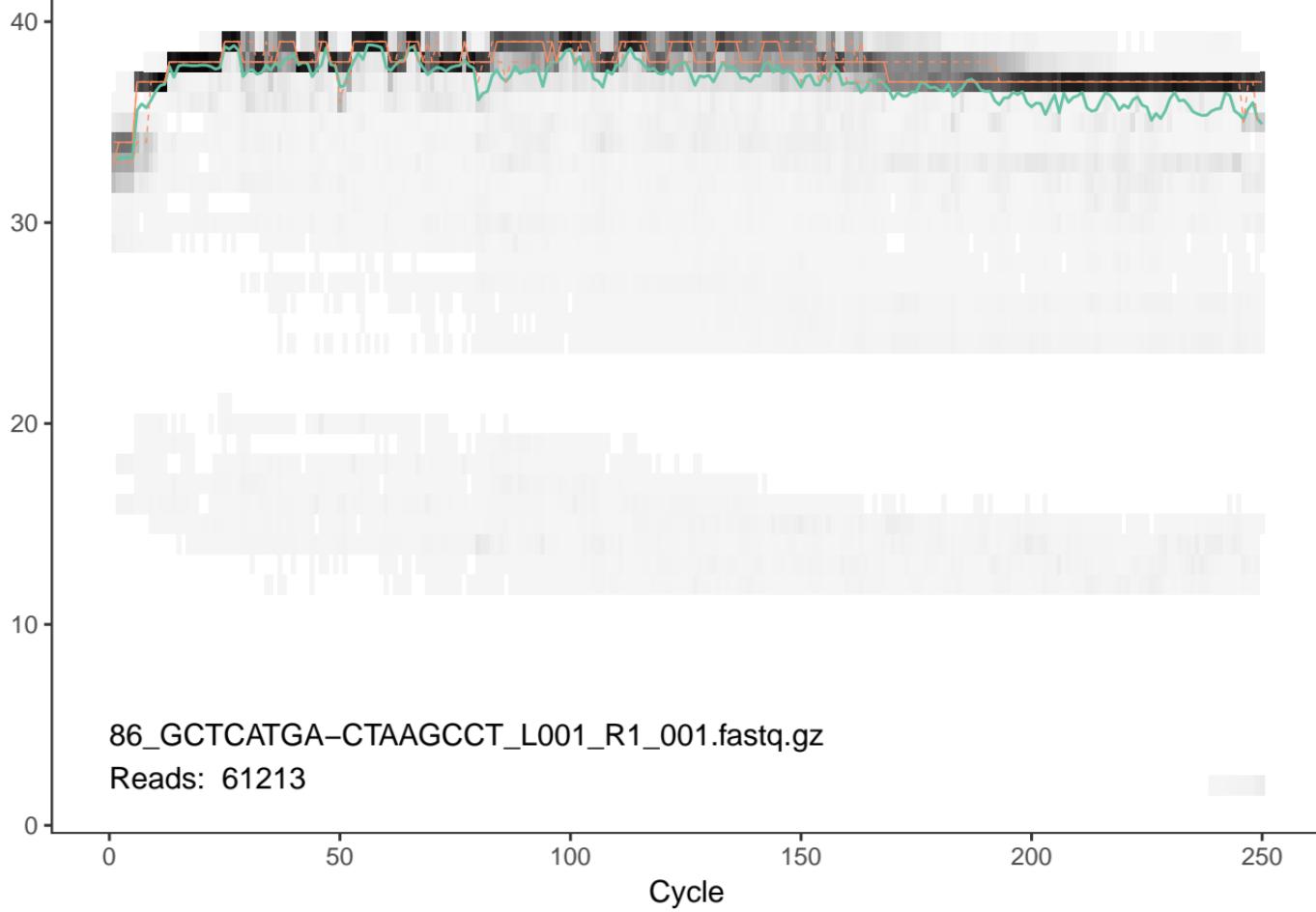
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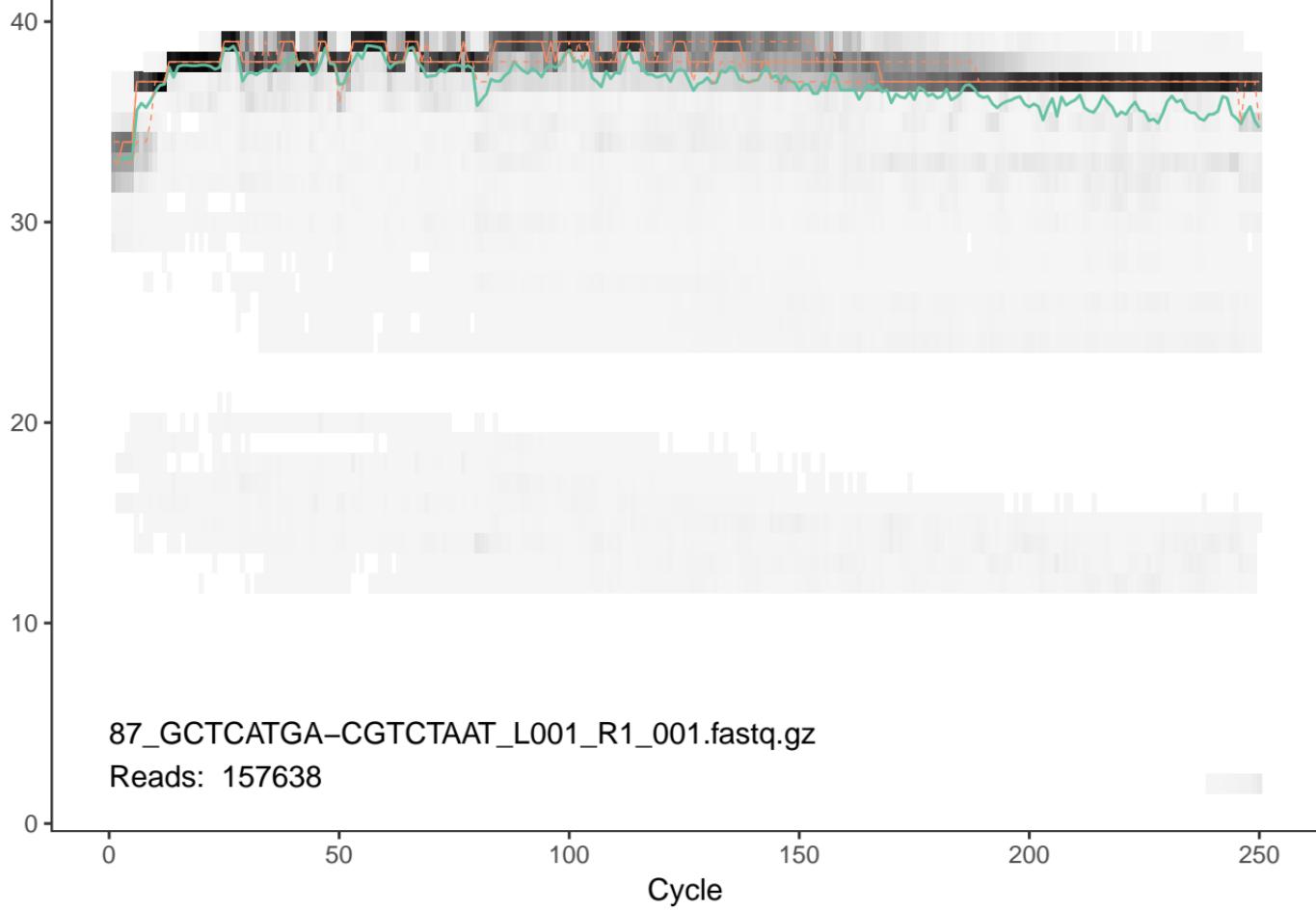
Fwd

Quality Score



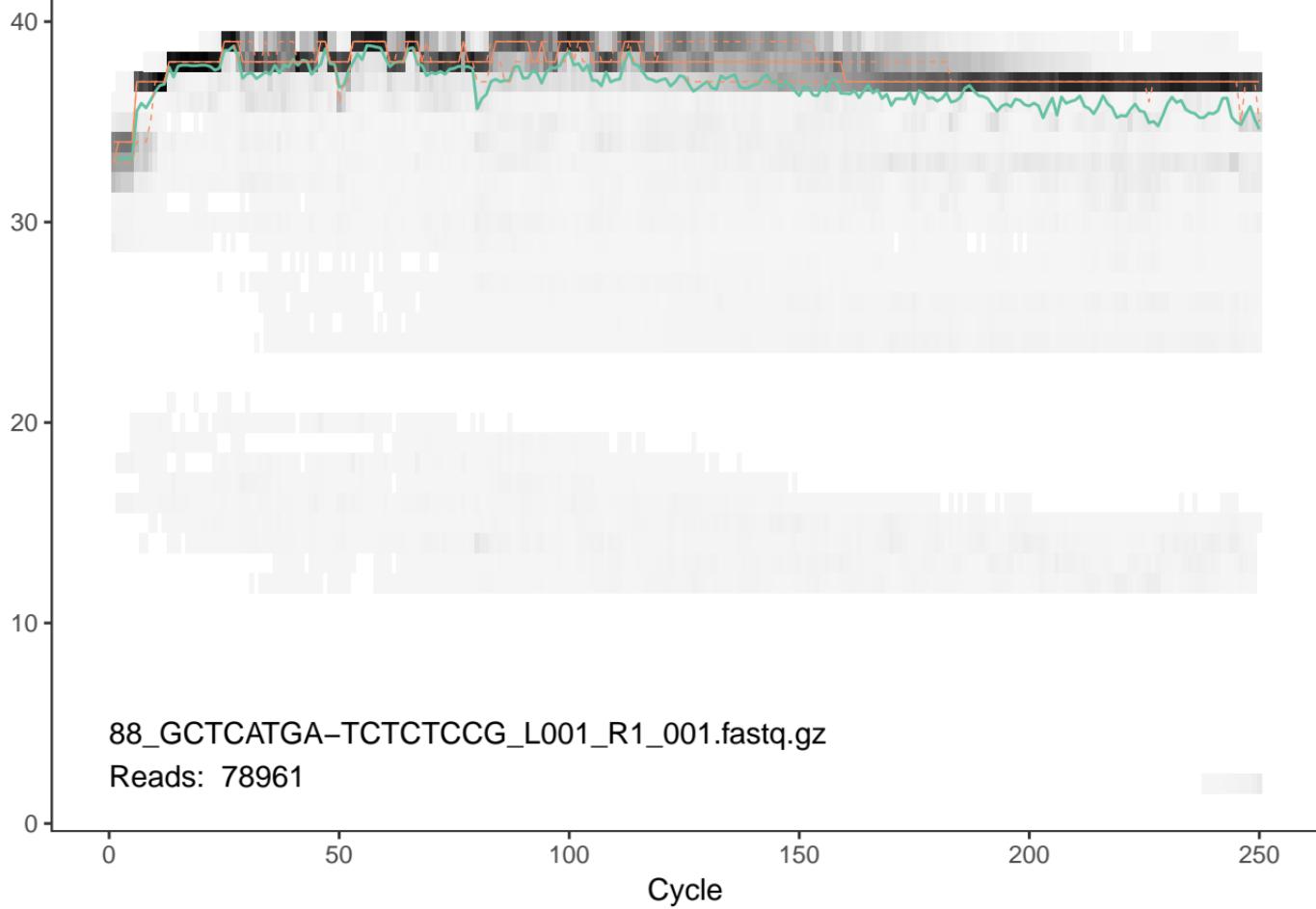
Fwd

Quality Score



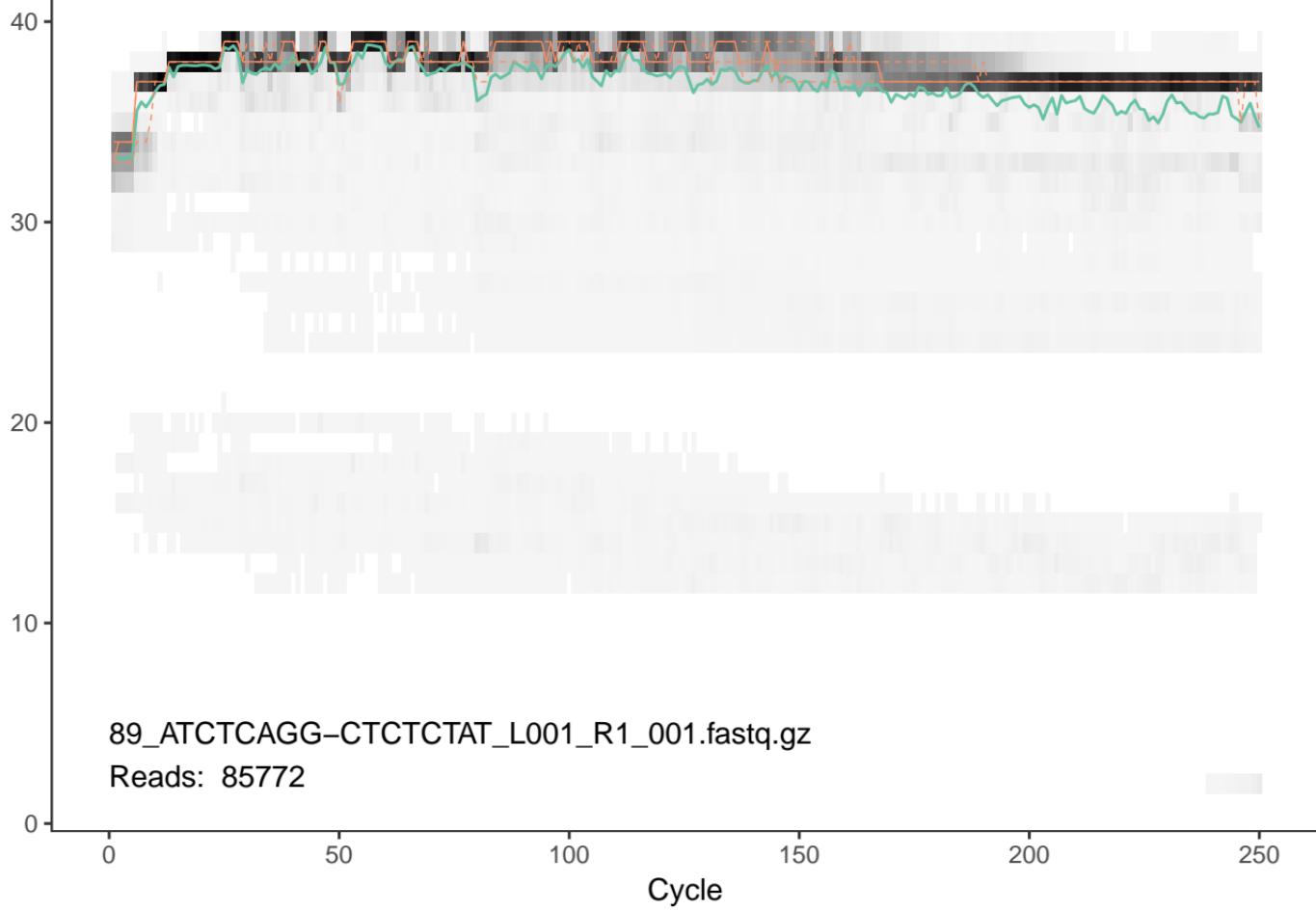
Fwd

Quality Score



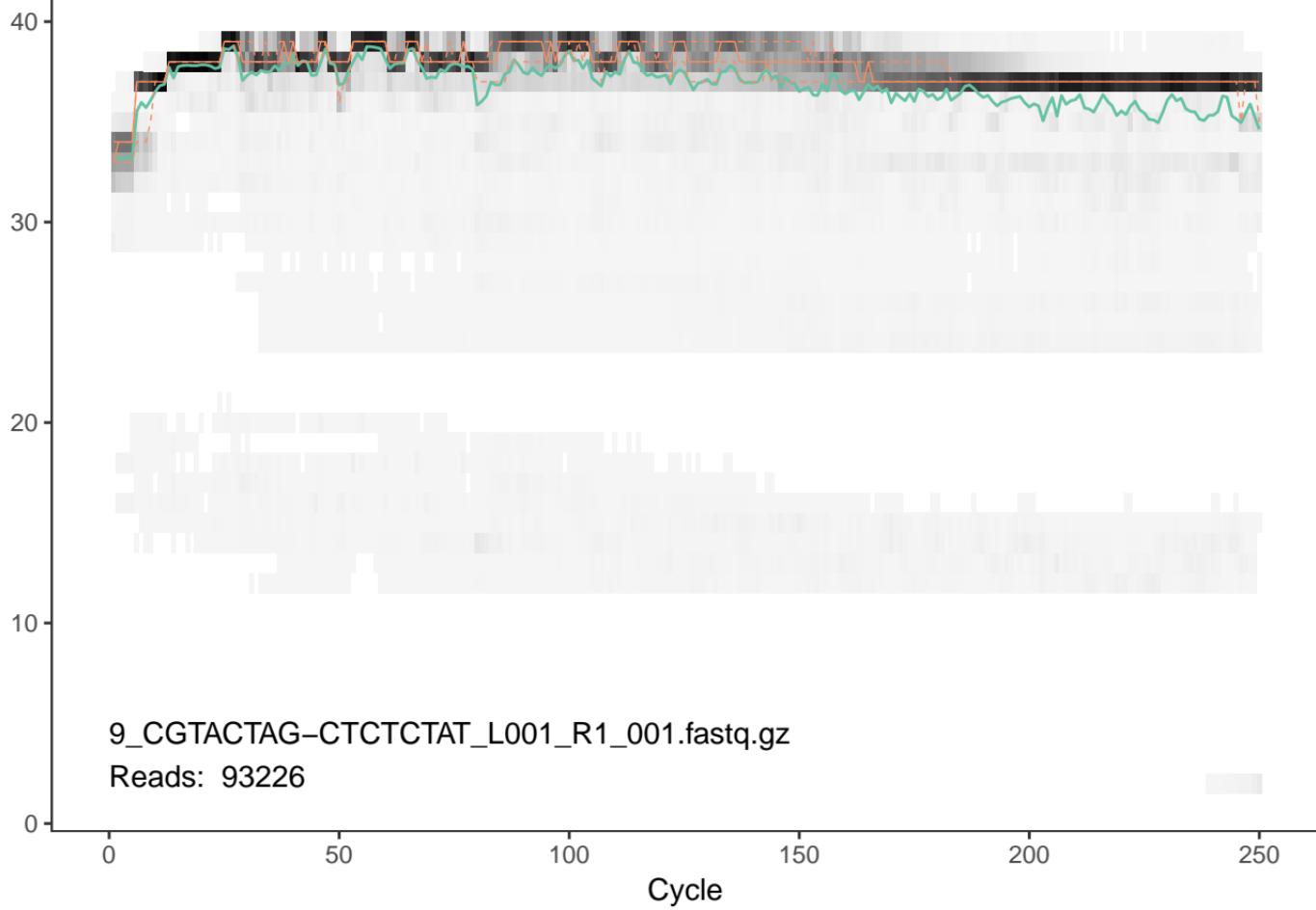
Fwd

Quality Score



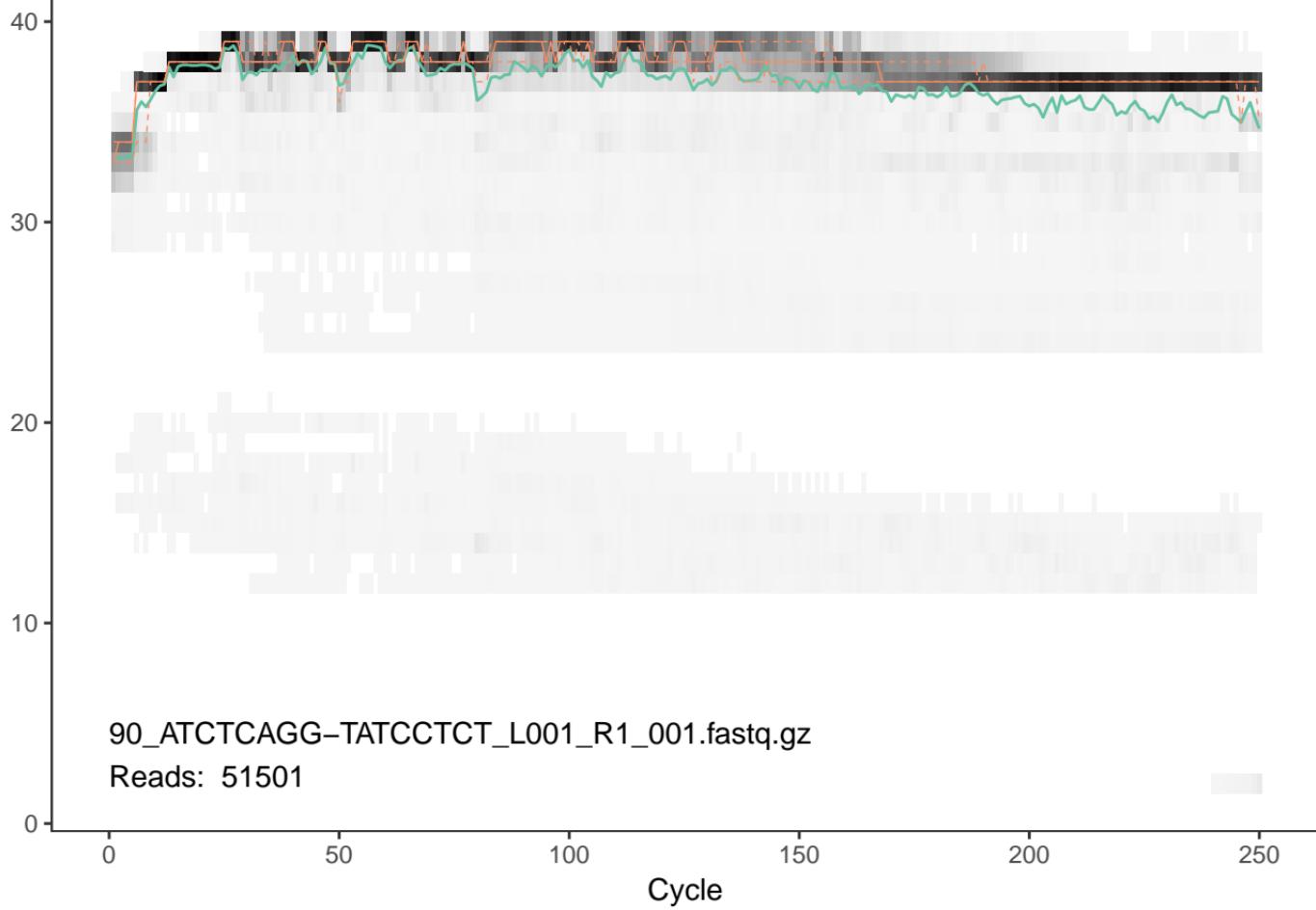
Fwd

Quality Score



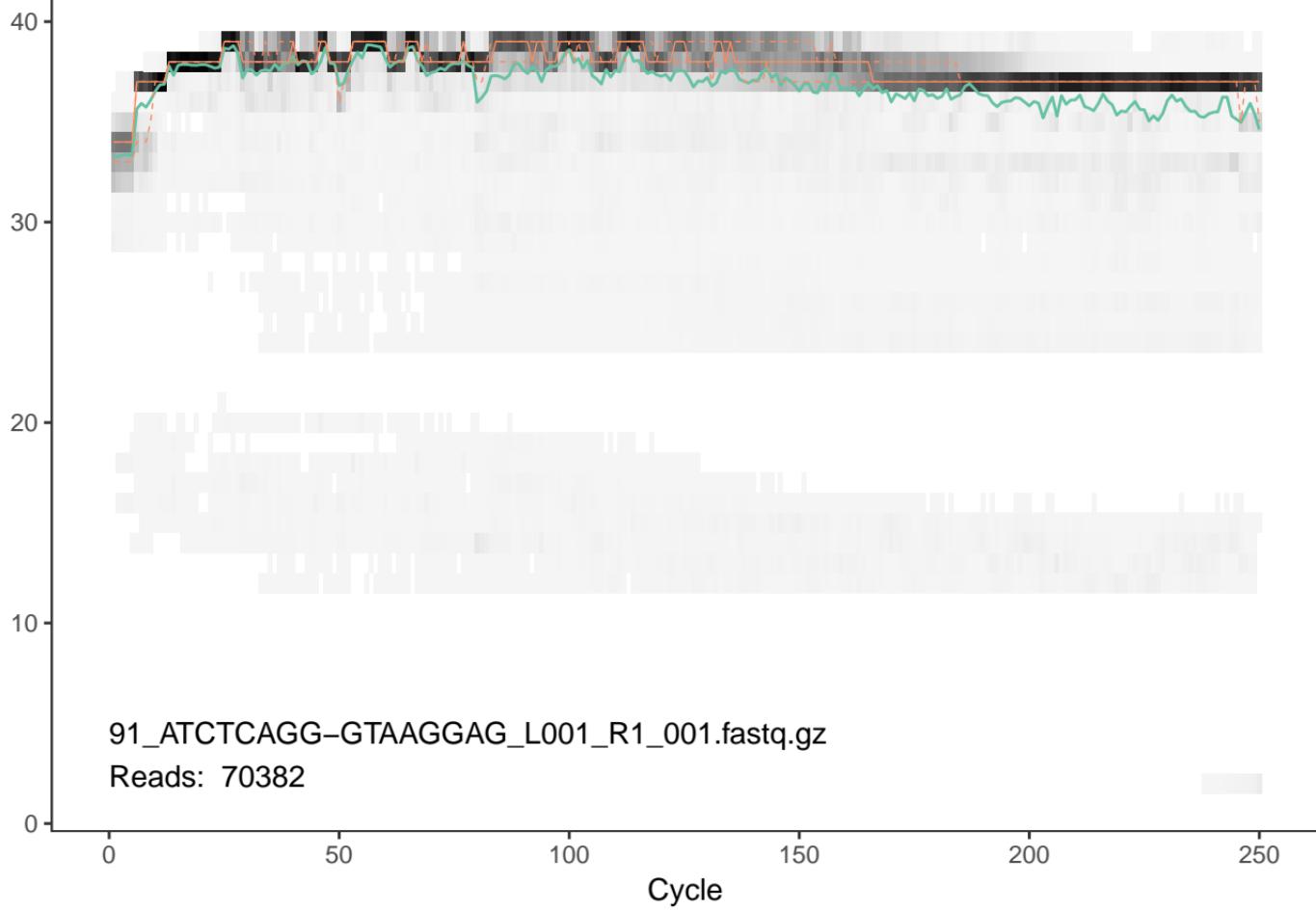
Fwd

Quality Score



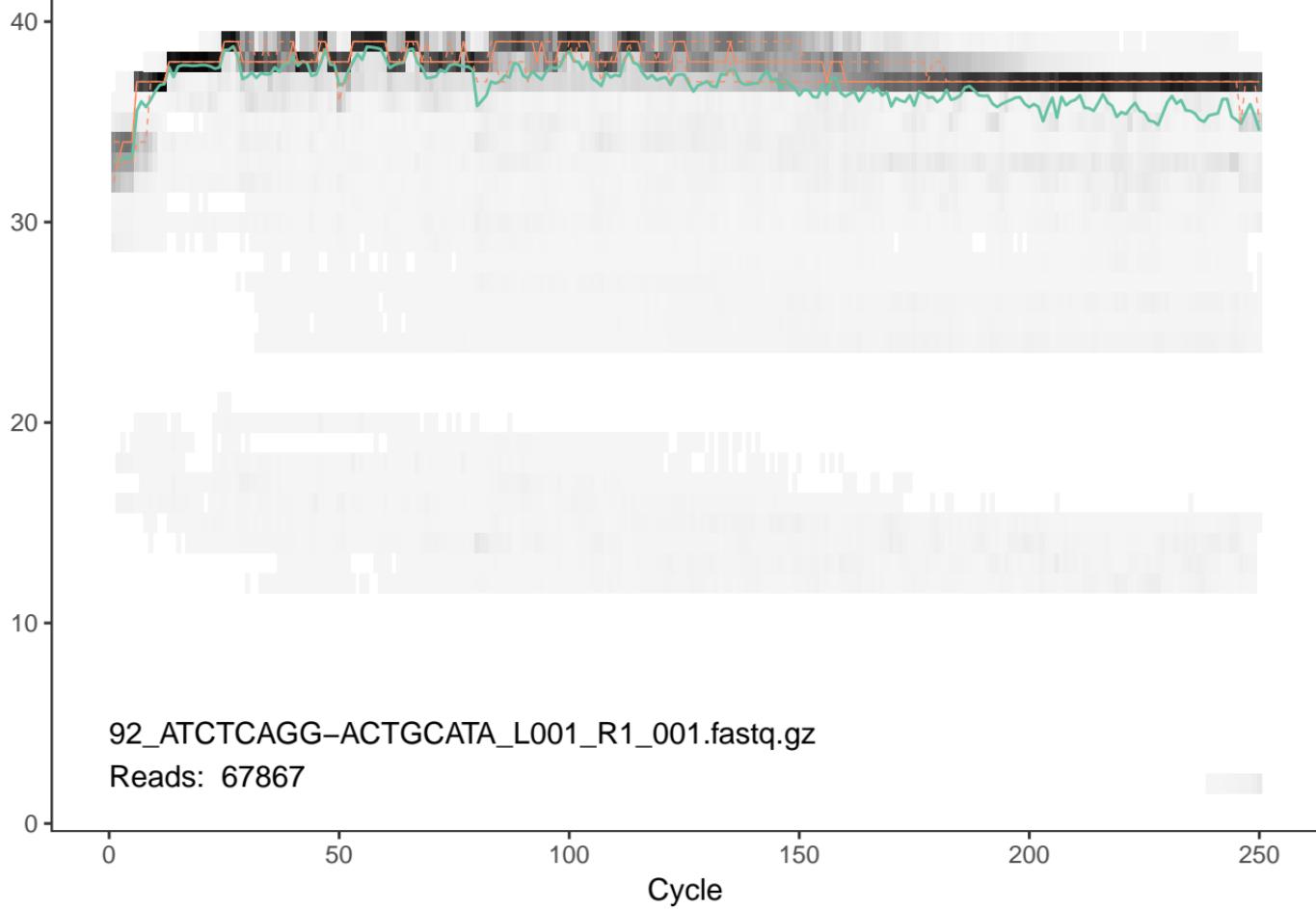
Fwd

Quality Score



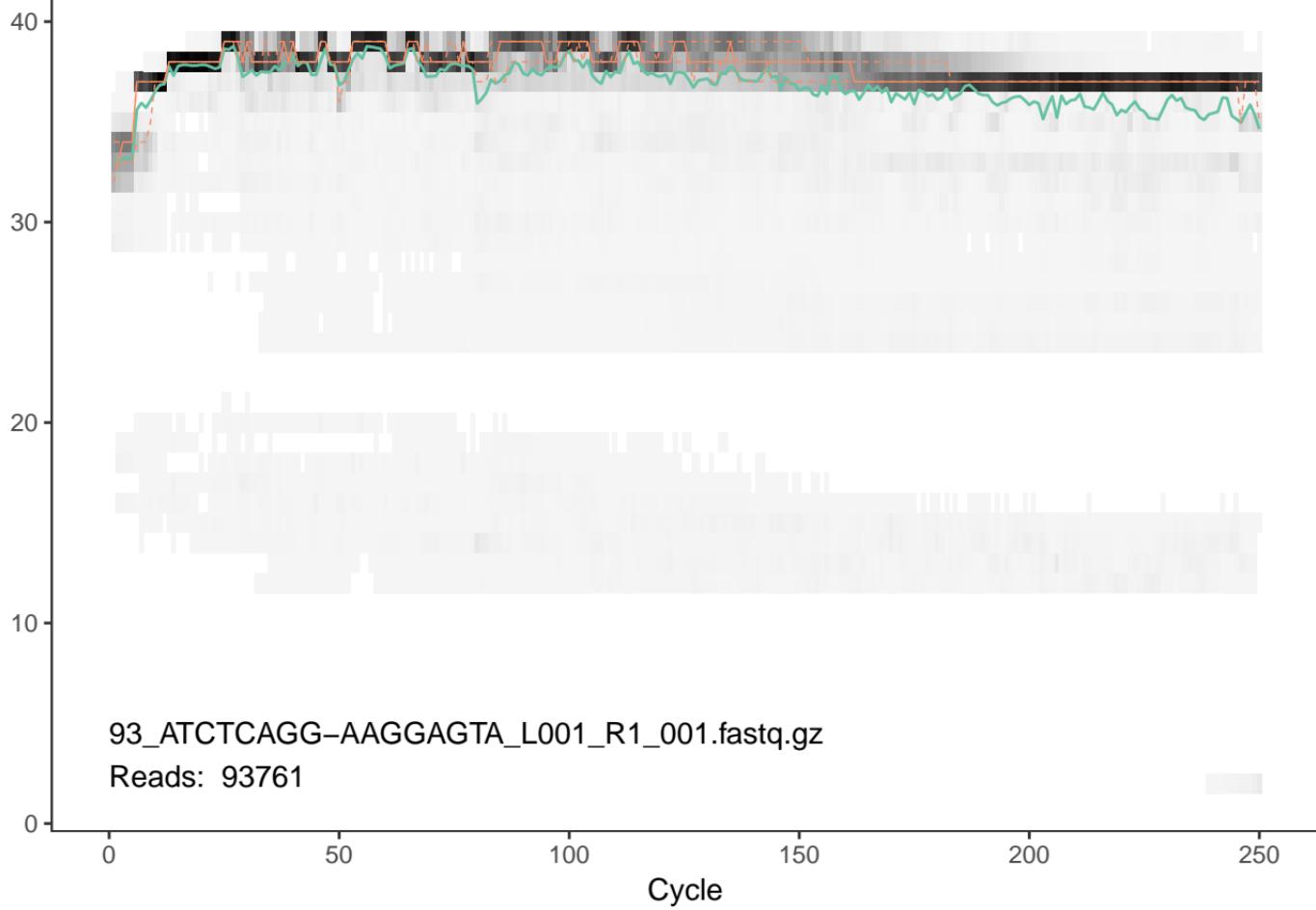
Fwd

Quality Score



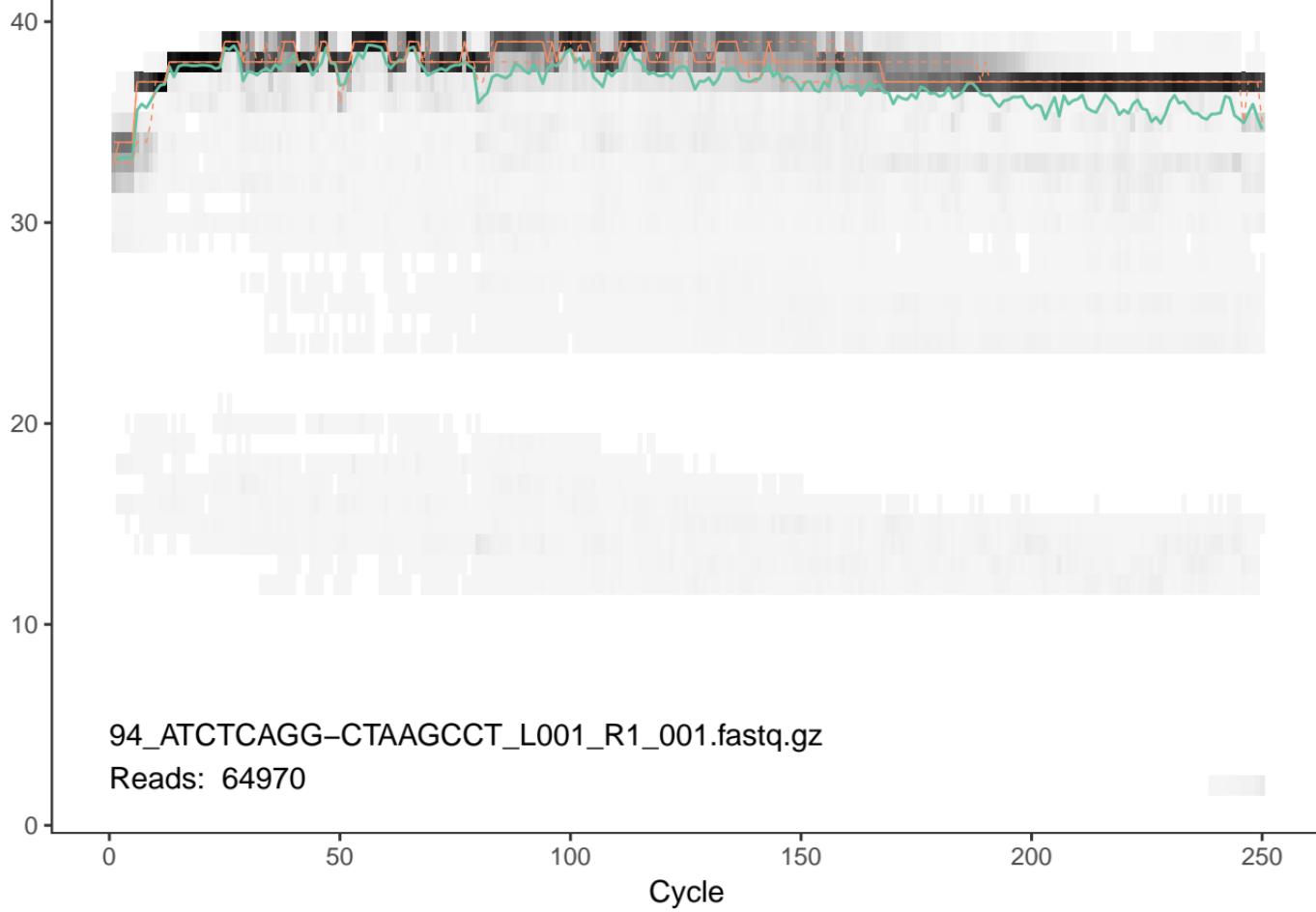
Fwd

Quality Score



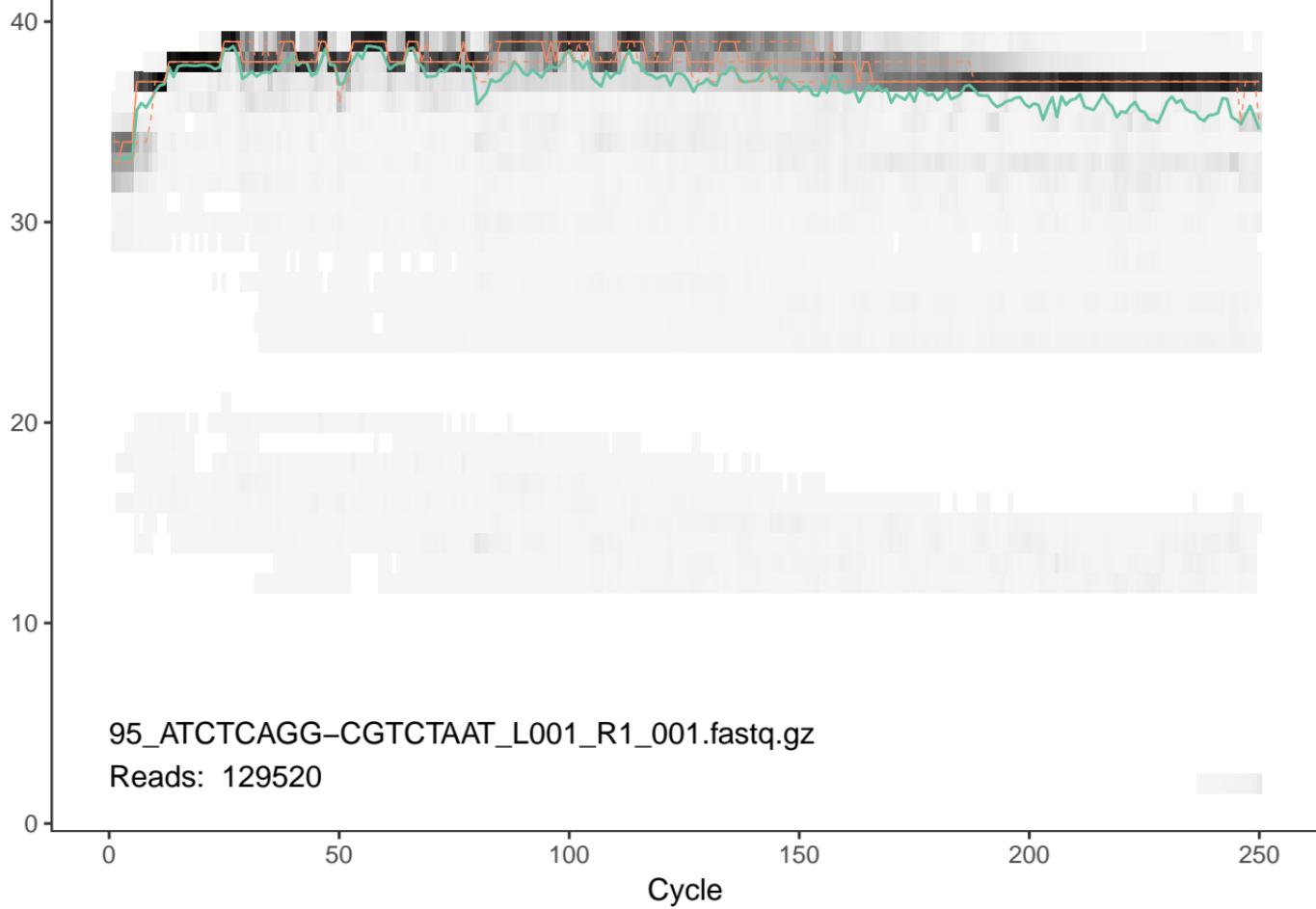
Fwd

Quality Score



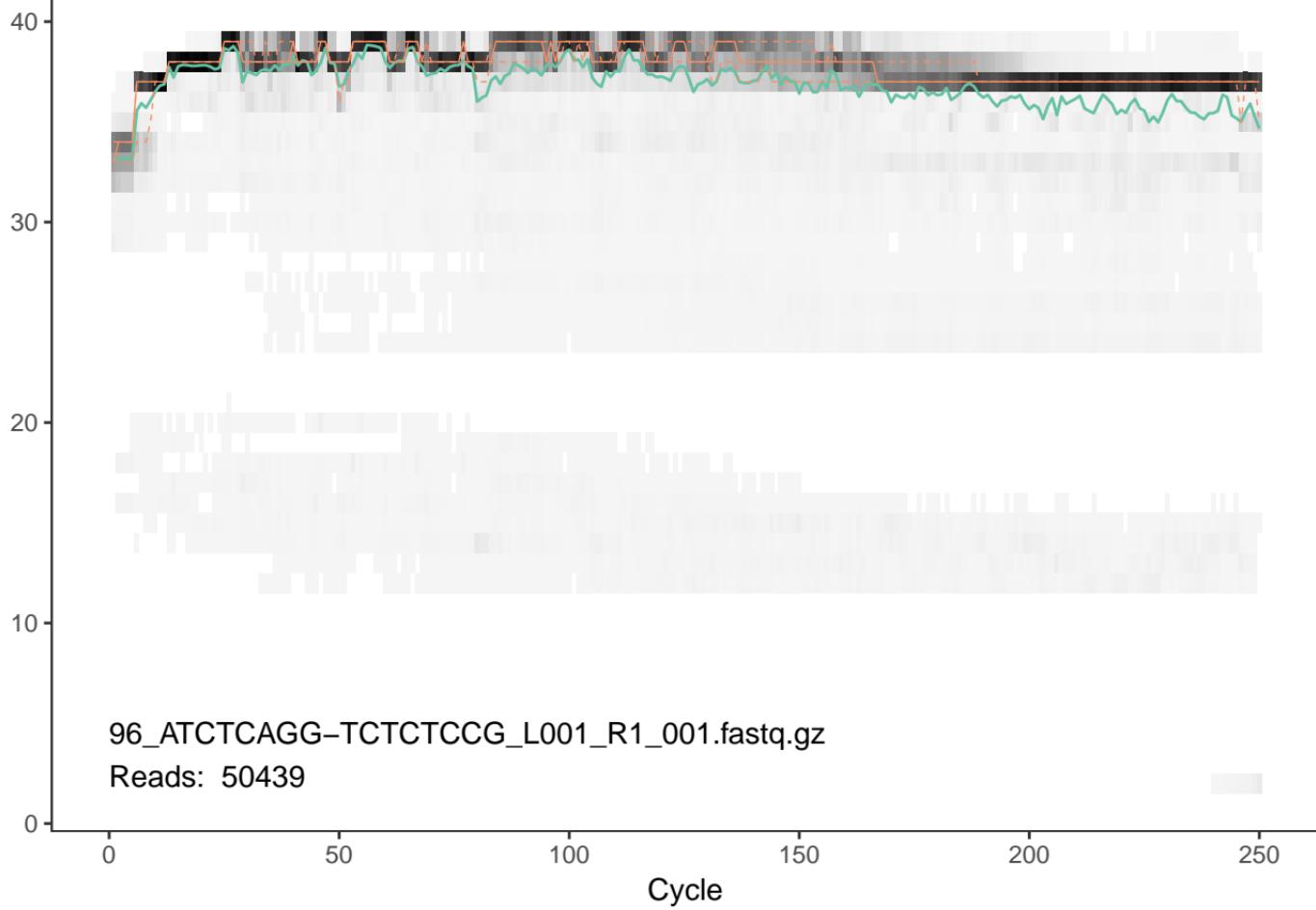
Fwd

Quality Score



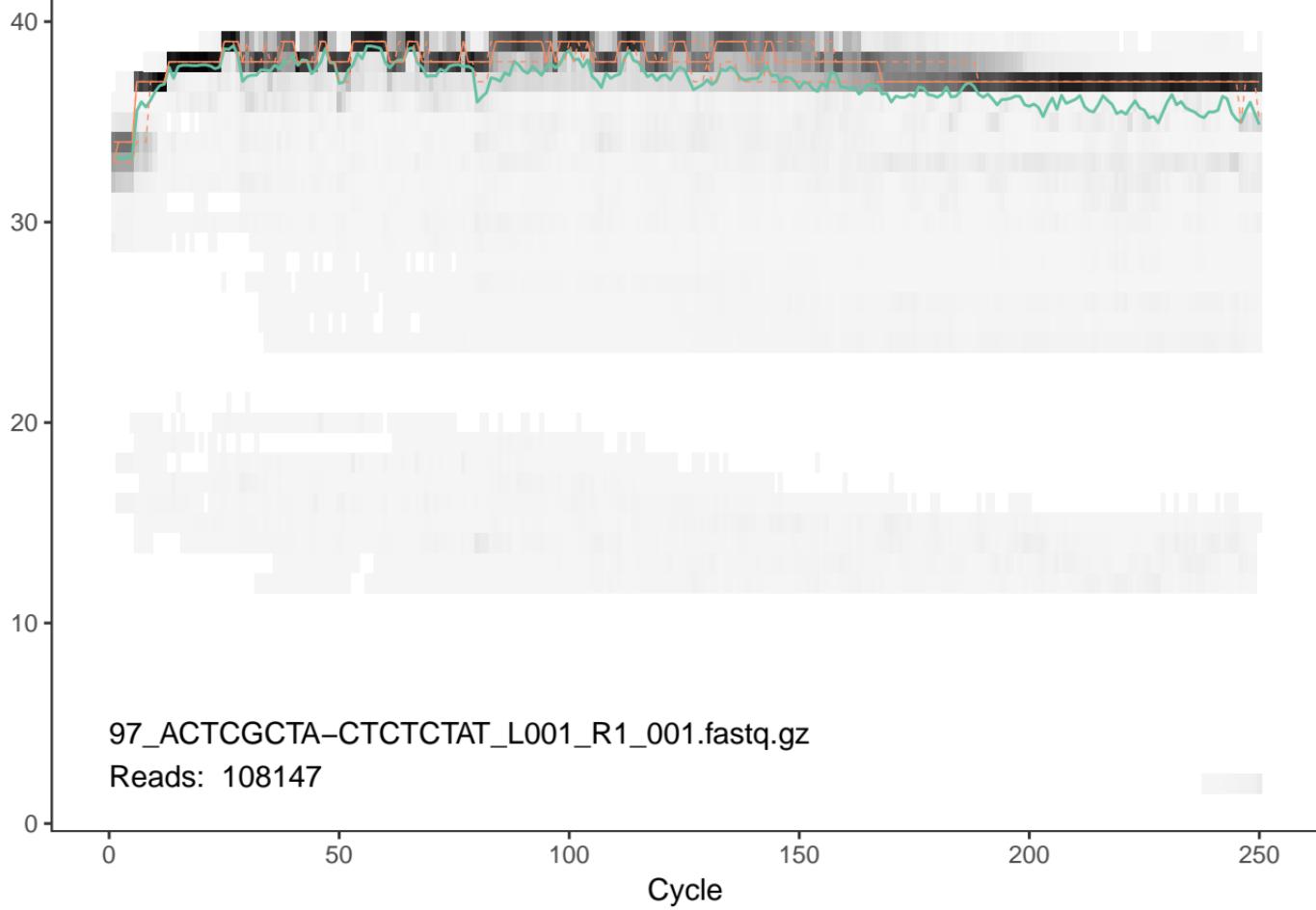
Fwd

Quality Score



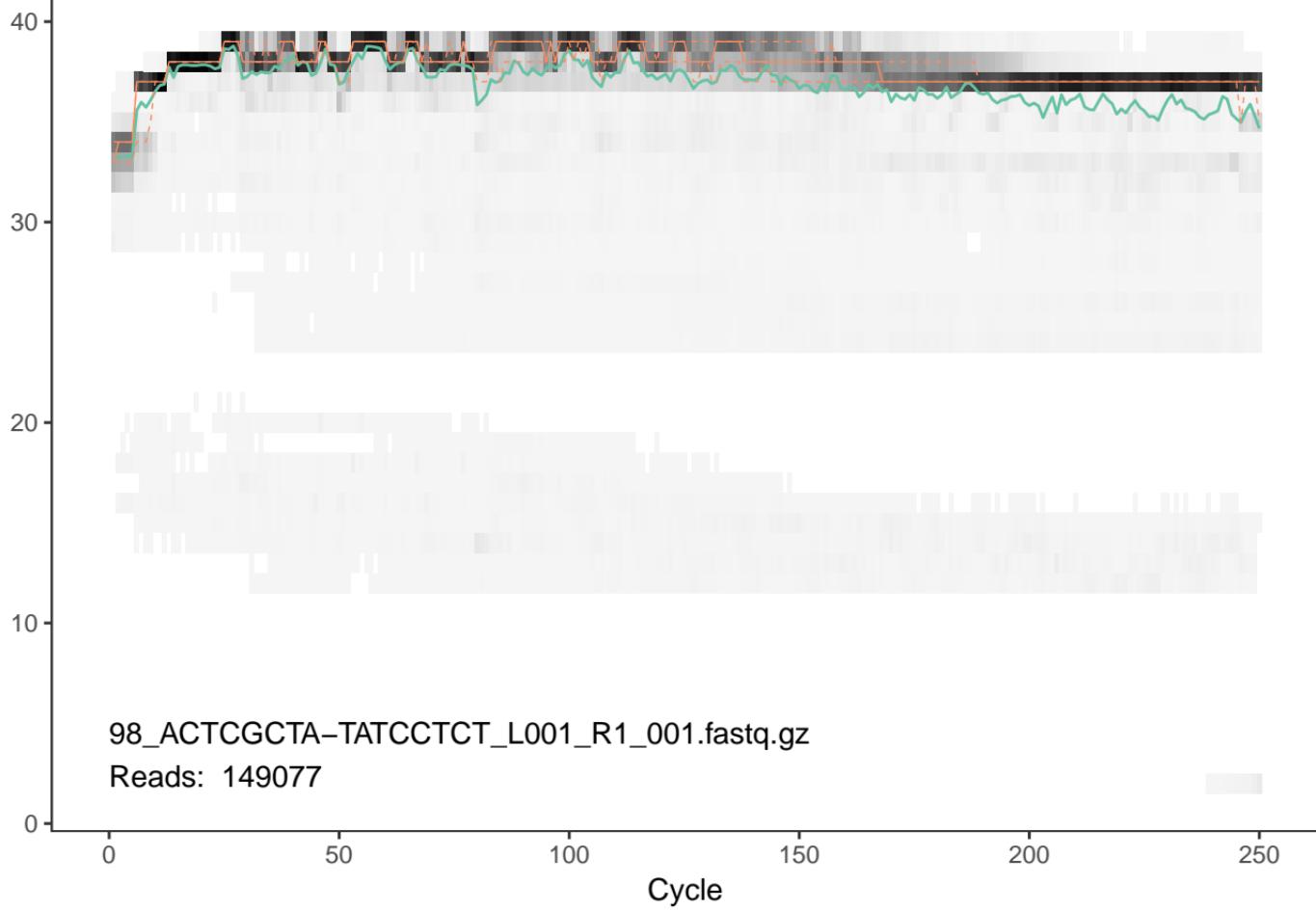
Fwd

Quality Score



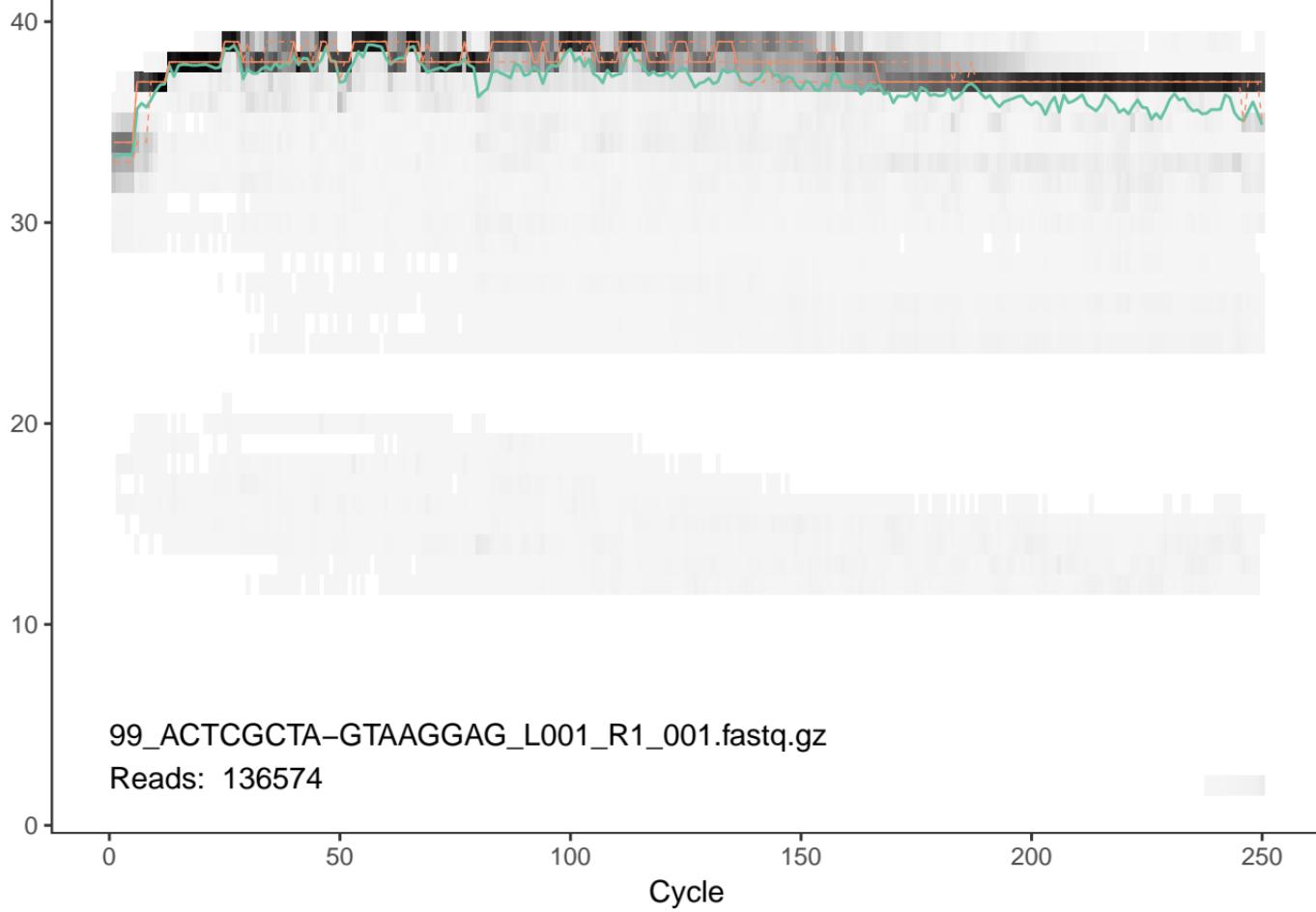
Fwd

Quality Score



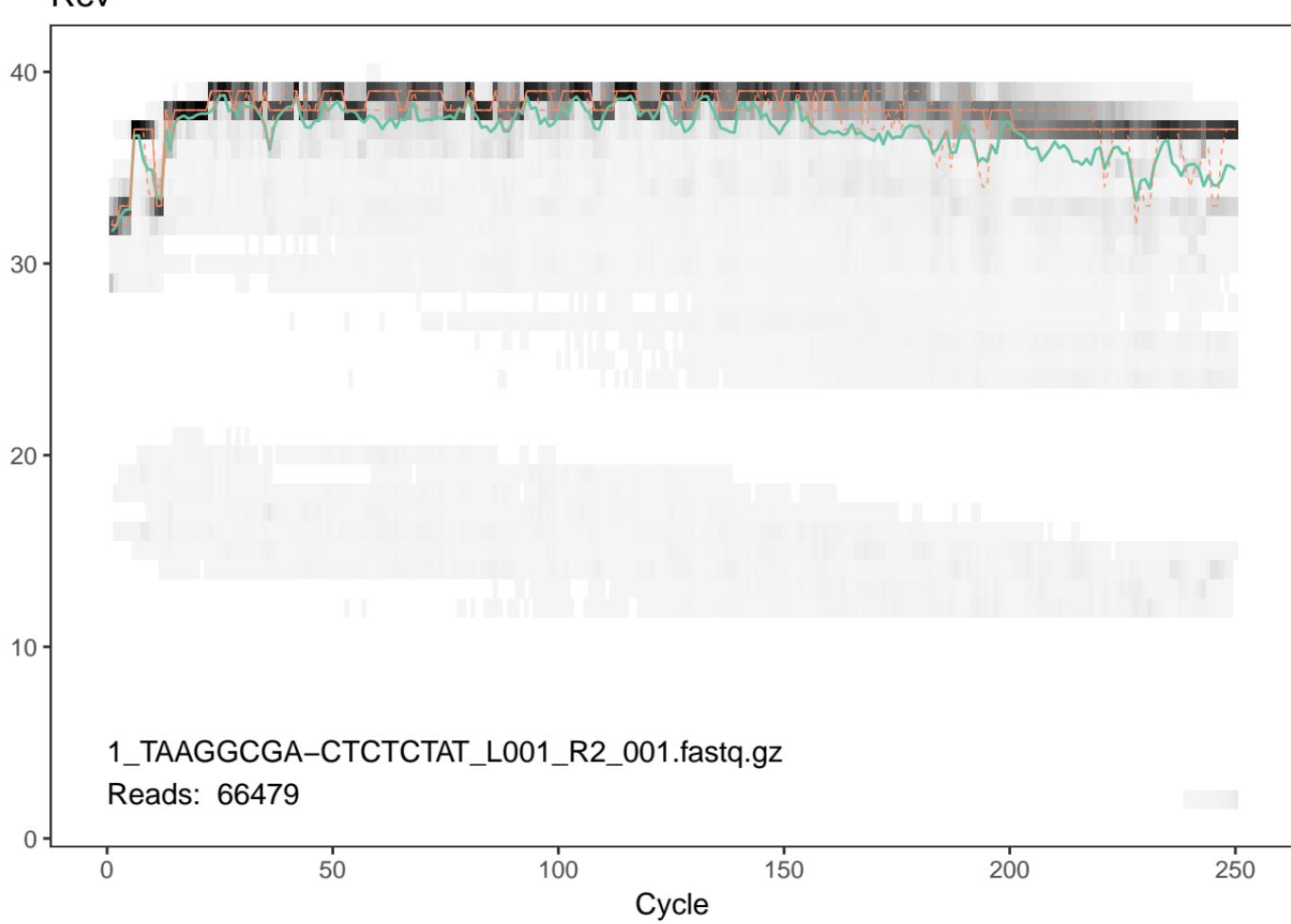
Fwd

Quality Score



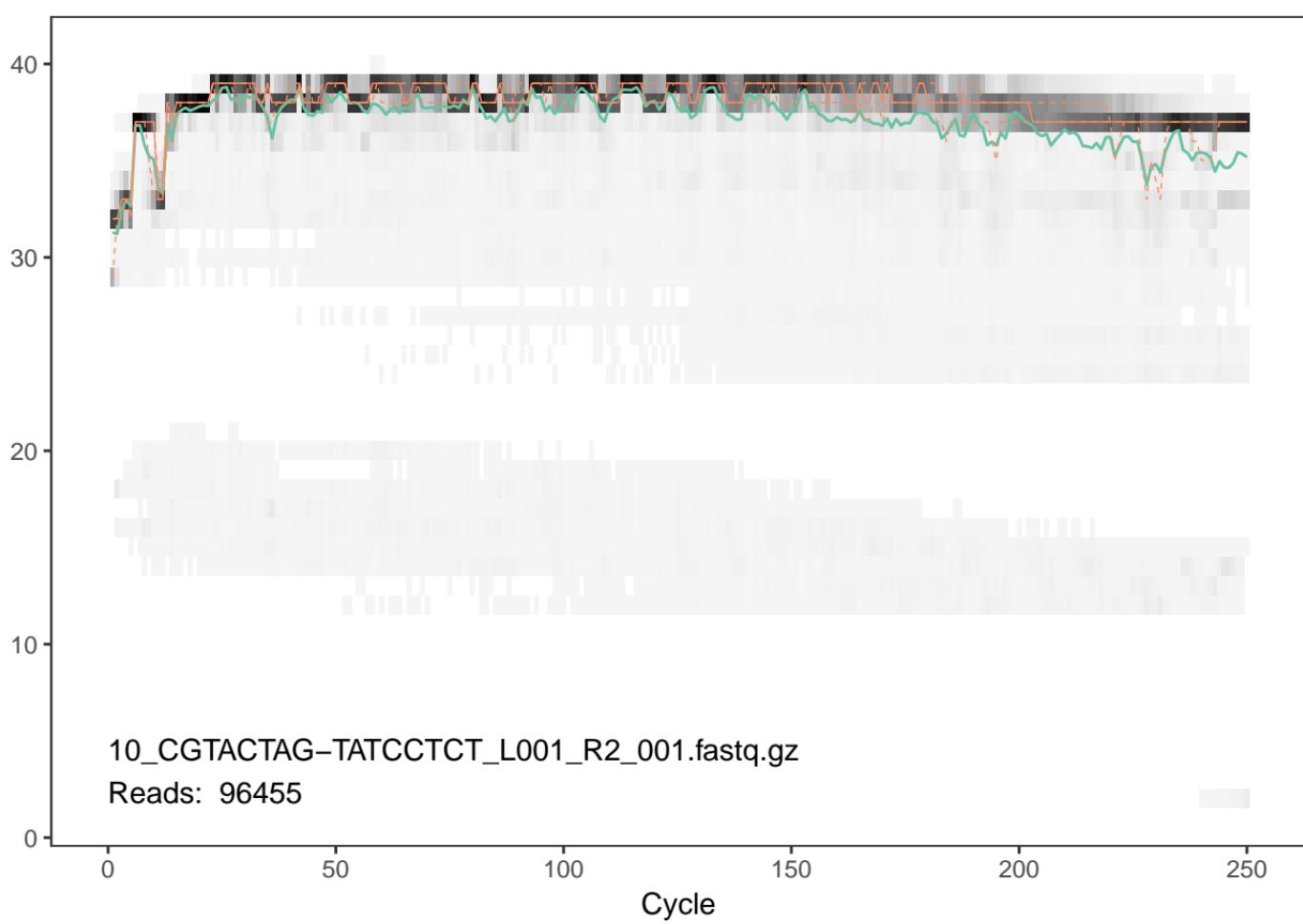
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

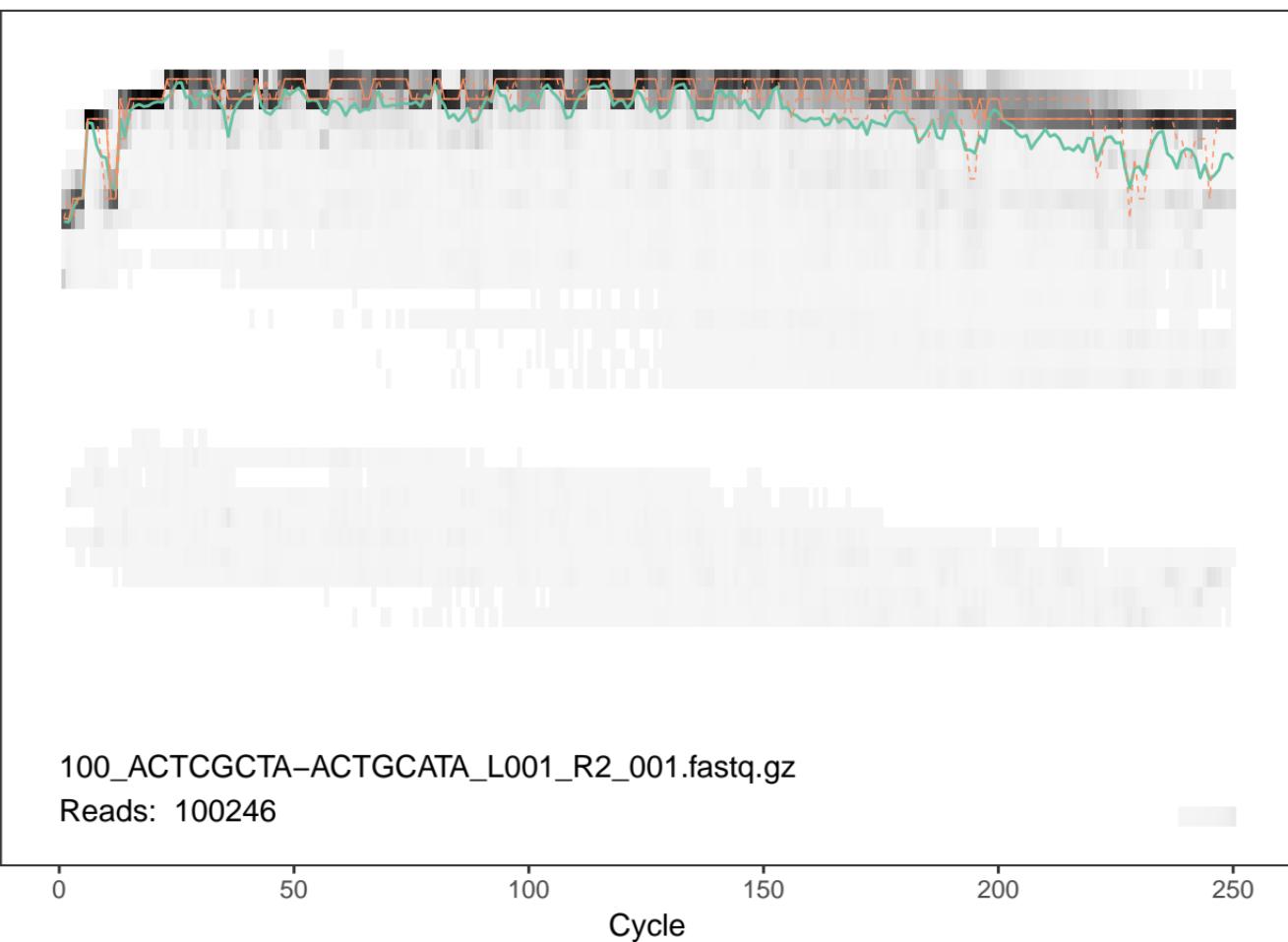
10

0

Cycle

100\_ACTCGCTA-ACTGCATA\_L001\_R2\_001.fastq.gz

Reads: 100246



Rev

Quality Score

40

30

20

10

0

101\_ACTCGCTA-AAGGAGTA\_L001\_R2\_001.fastq.gz

Reads: 98378

0

50

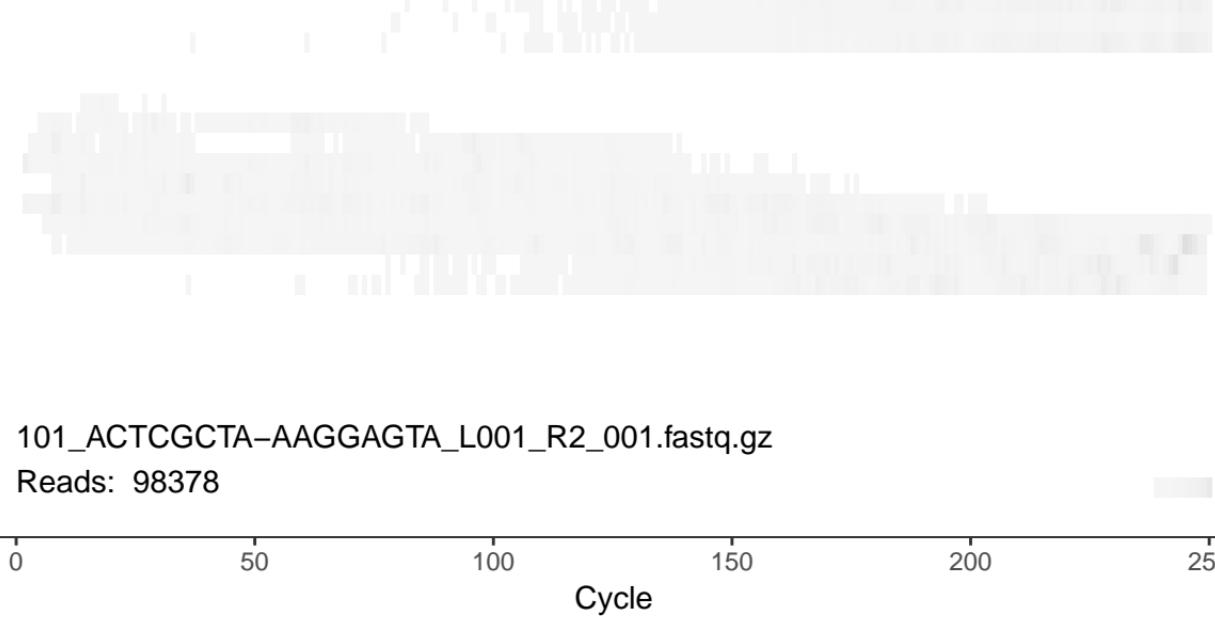
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

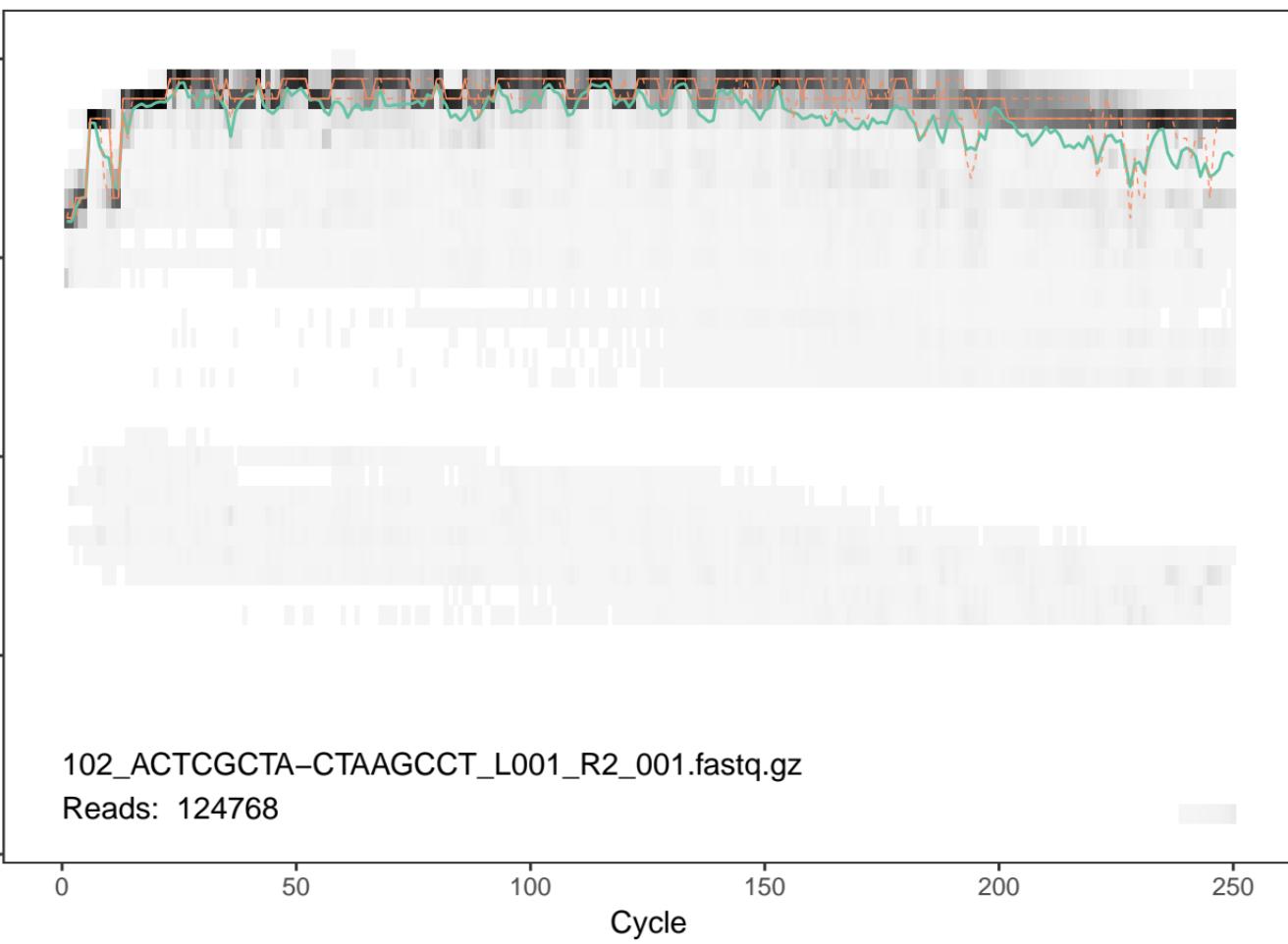
10

0

Cycle

102\_ACTCGCTA-CTAACGCCT\_L001\_R2\_001.fastq.gz

Reads: 124768



Rev

Quality Score

40

30

20

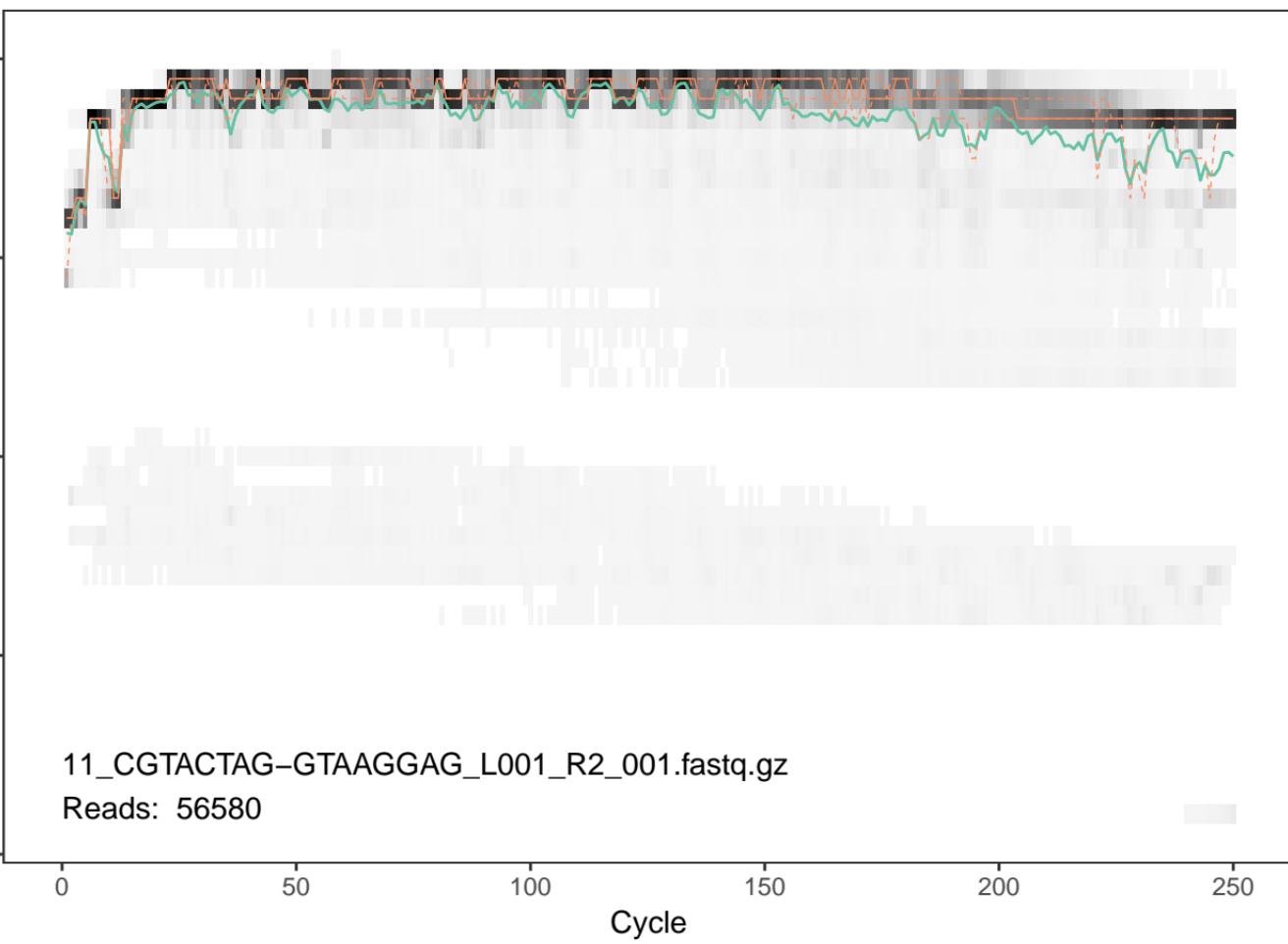
10

0

Cycle

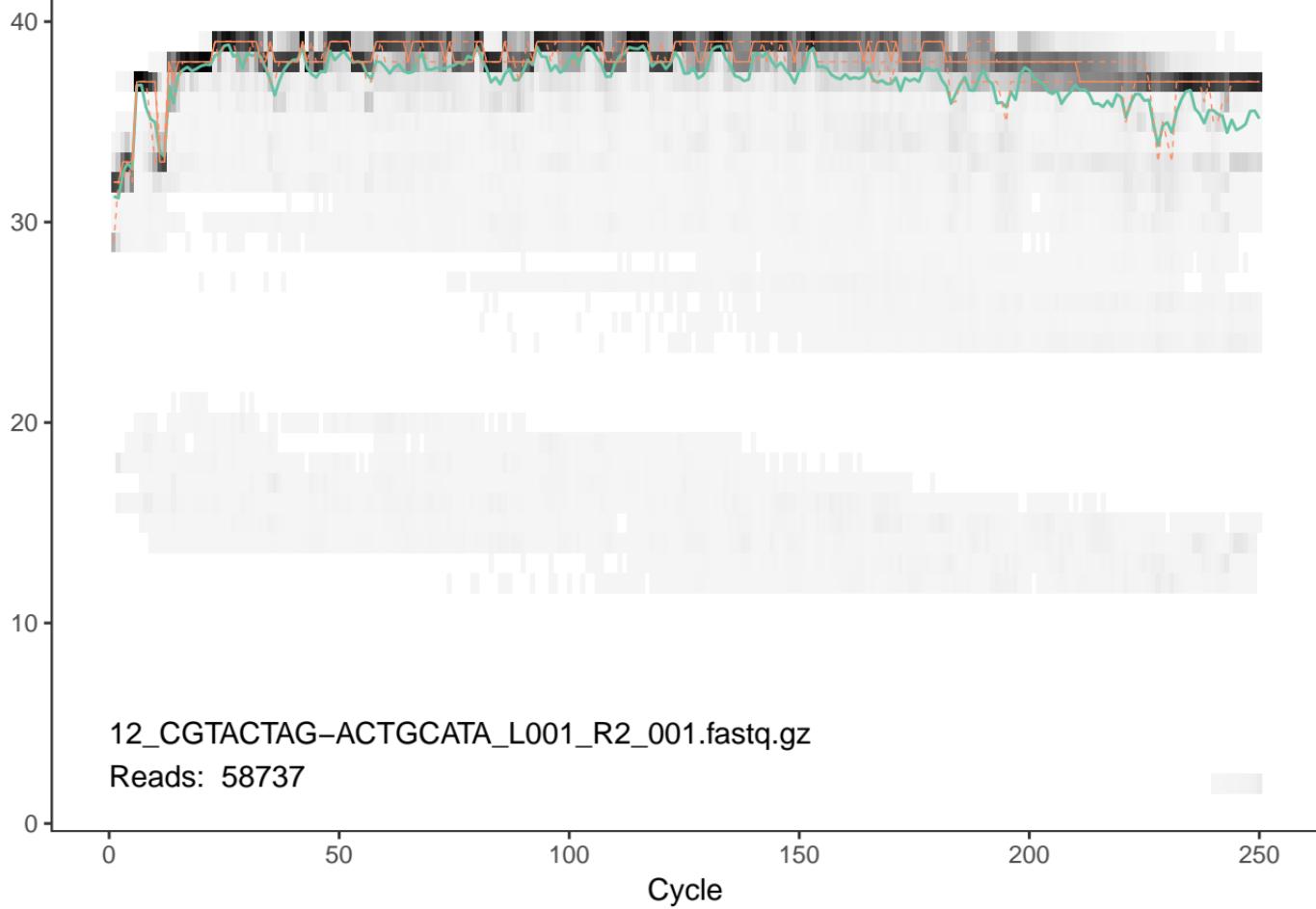
11\_CGTACTAG-GTAAGGAG\_L001\_R2\_001.fastq.gz

Reads: 56580



Rev

Quality Score



Rev

Quality Score

40

30

20

10

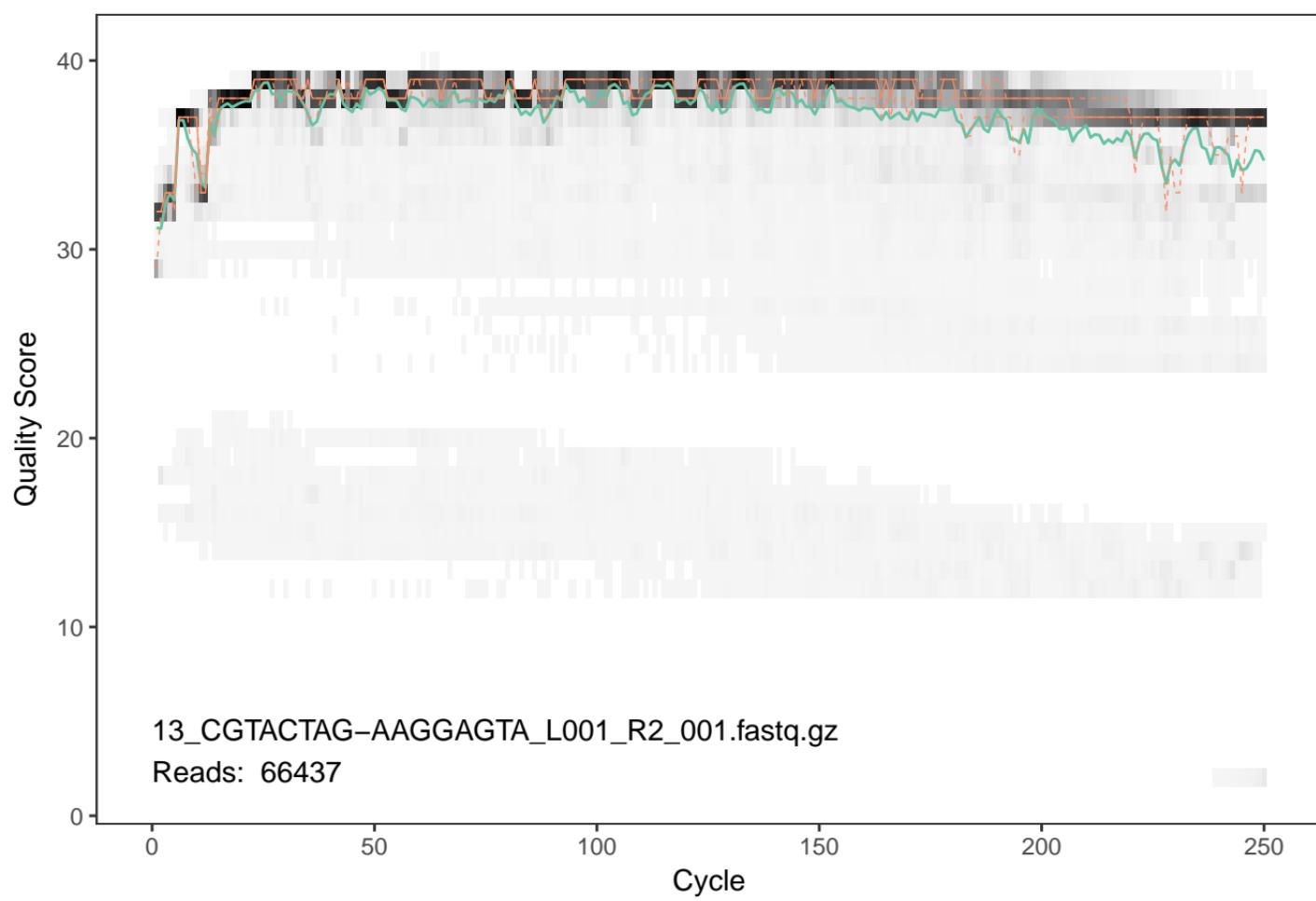
0

13\_CGTACTAG-AAGGAGTA\_L001\_R2\_001.fastq.gz

Reads: 66437

Cycle

0 50 100 150 200 250



Rev

Quality Score

40

30

20

10

0

14\_CGTACTAG-CTAAGCCT\_L001\_R2\_001.fastq.gz

Reads: 60054

0

50

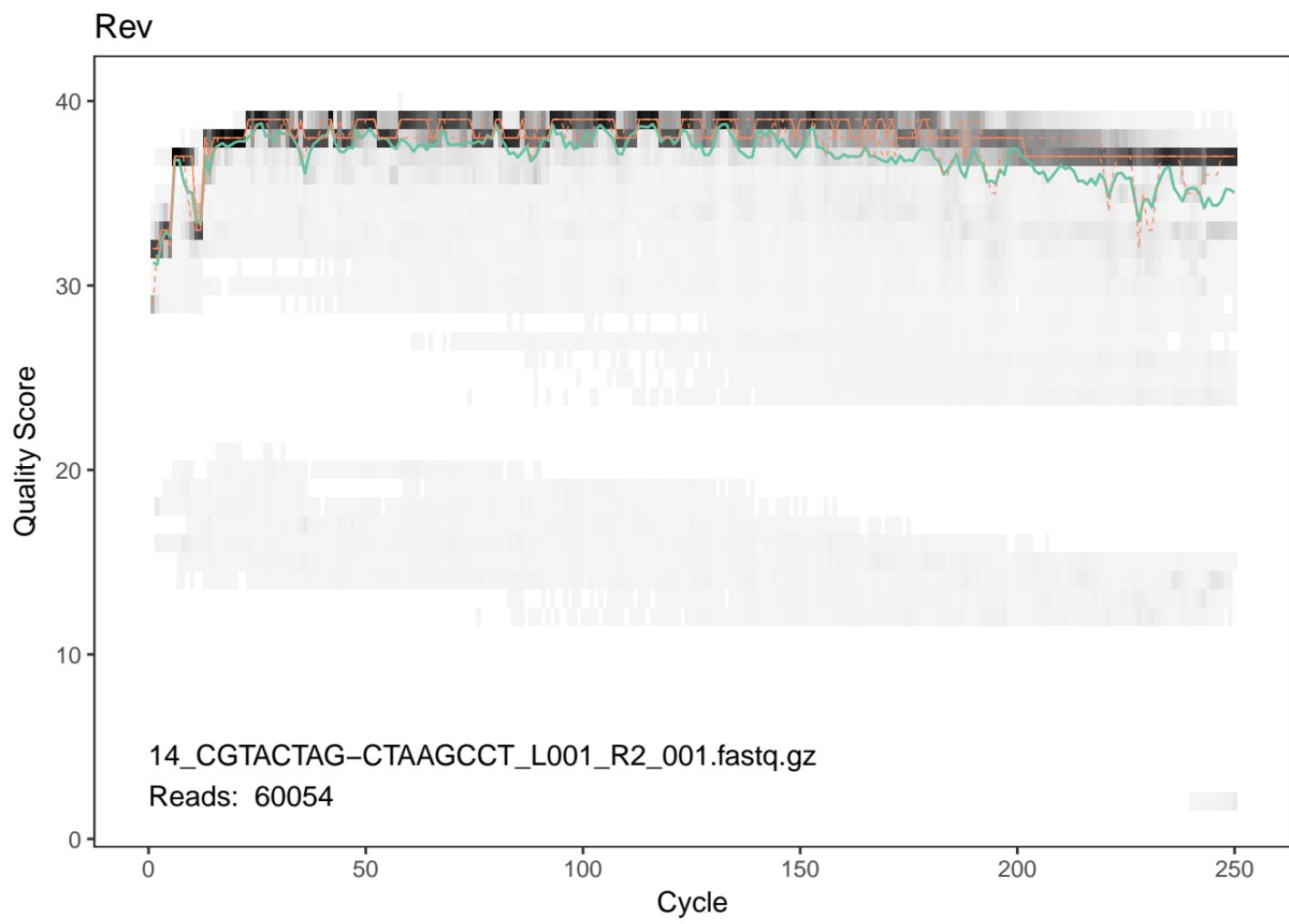
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

10

0

50

100

150

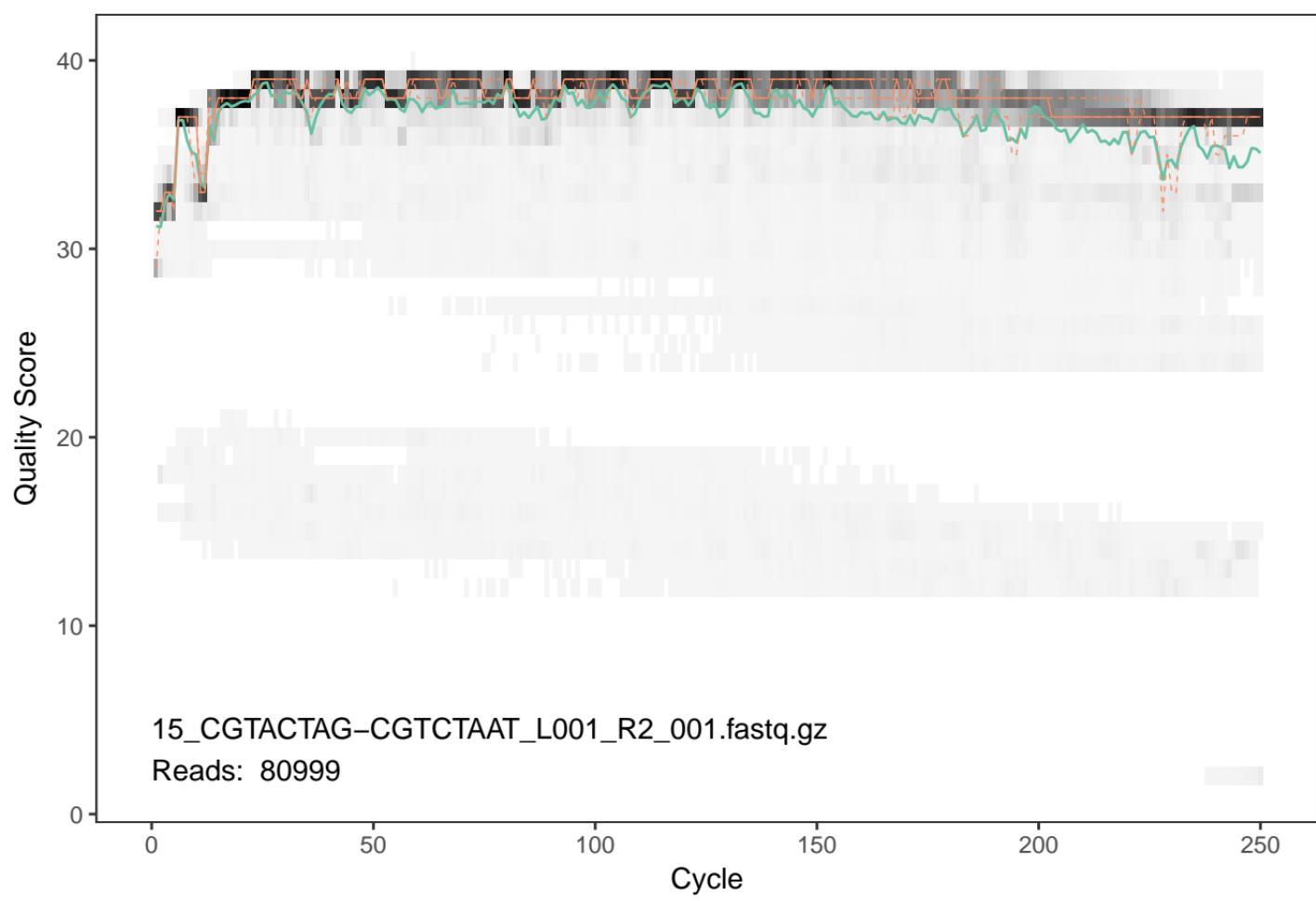
200

250

Cycle

15\_CGTACTAG-CGTCTAAT\_L001\_R2\_001.fastq.gz

Reads: 80999



Rev

Quality Score

40

30

20

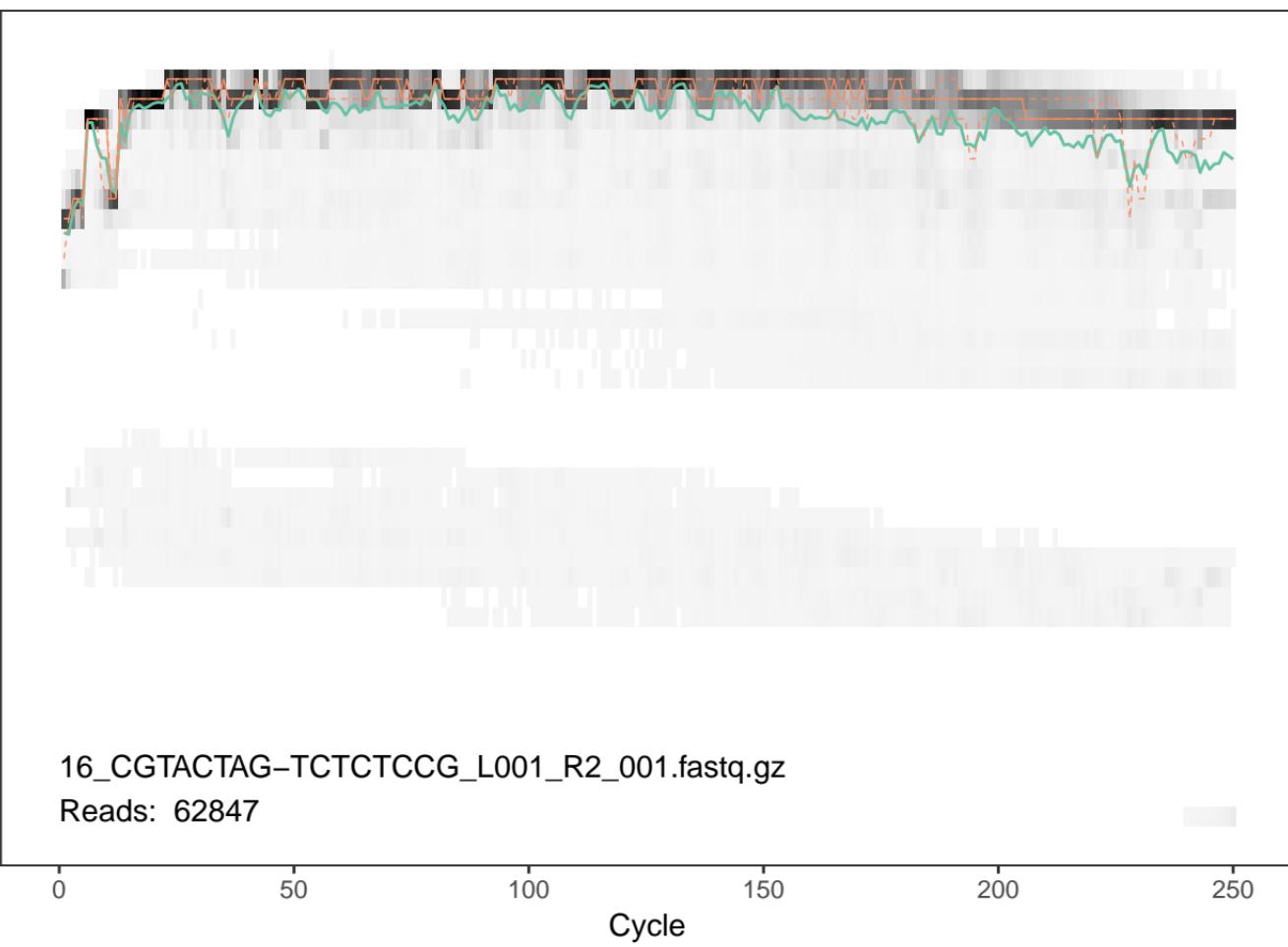
10

0

Cycle

16\_CGTACTAG-TCTCTCCG\_L001\_R2\_001.fastq.gz

Reads: 62847



Rev

Quality Score

40

30

20

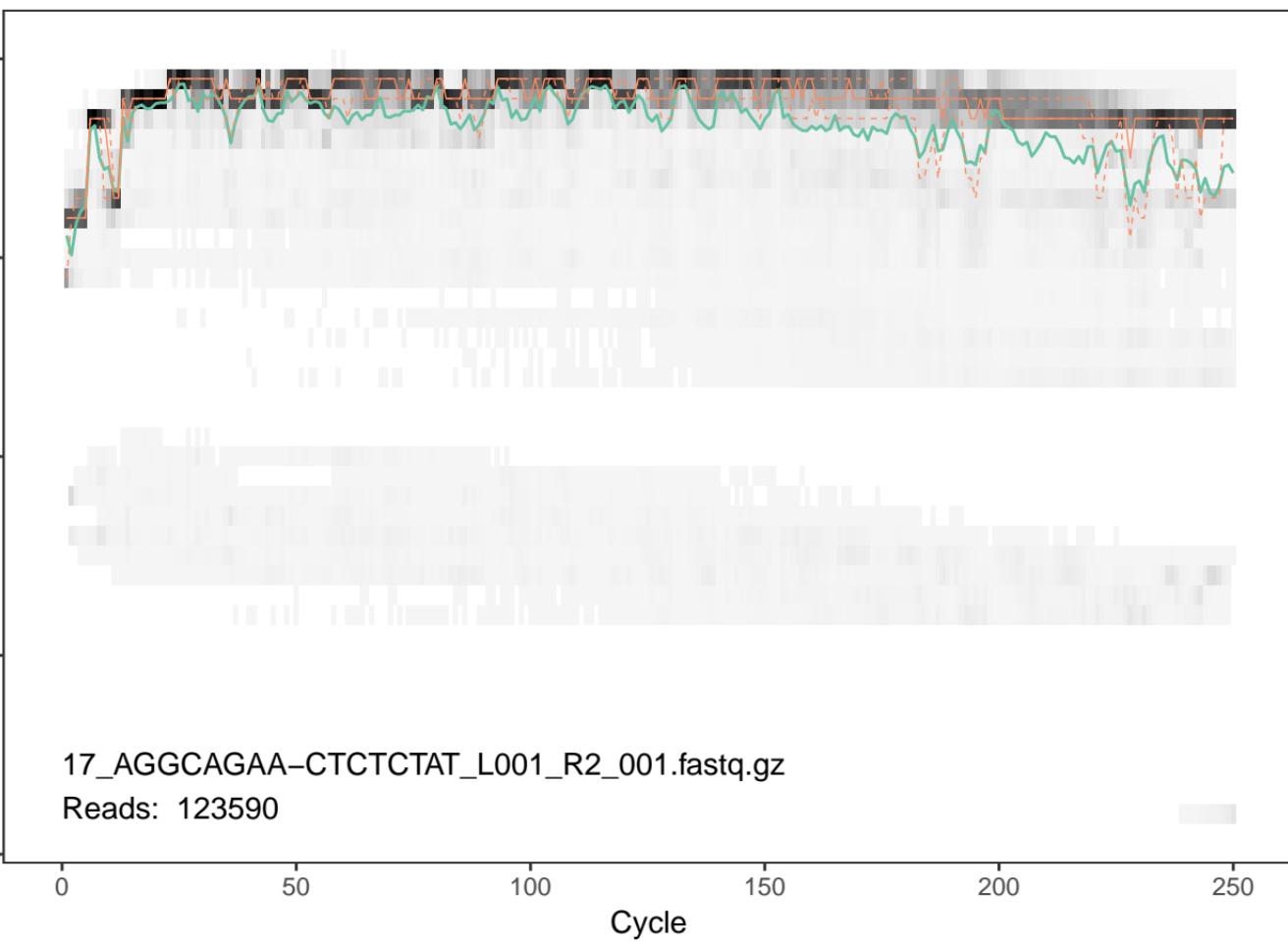
10

0

Cycle

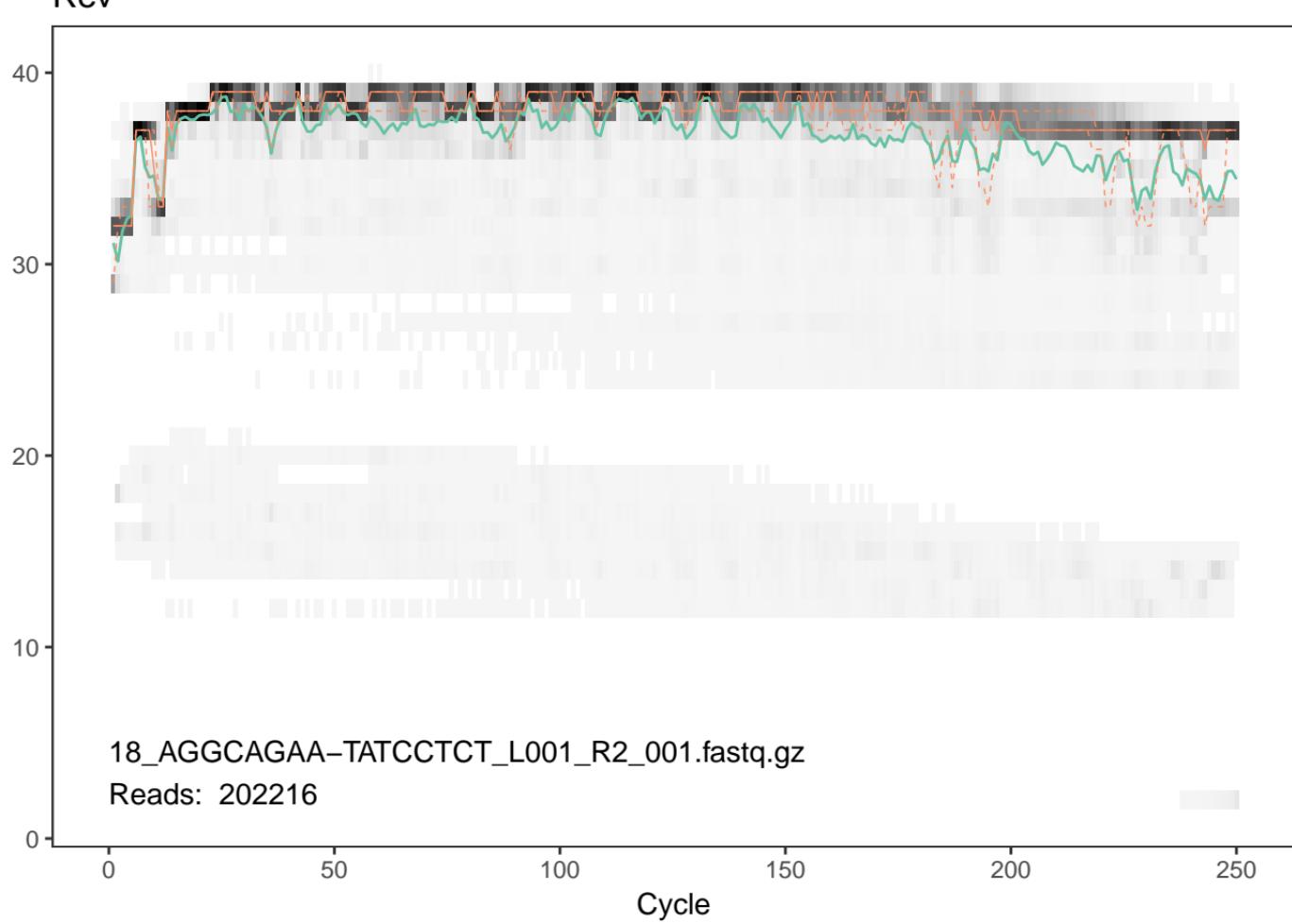
17\_AGGCAGAA-CTCTCTAT\_L001\_R2\_001.fastq.gz

Reads: 123590



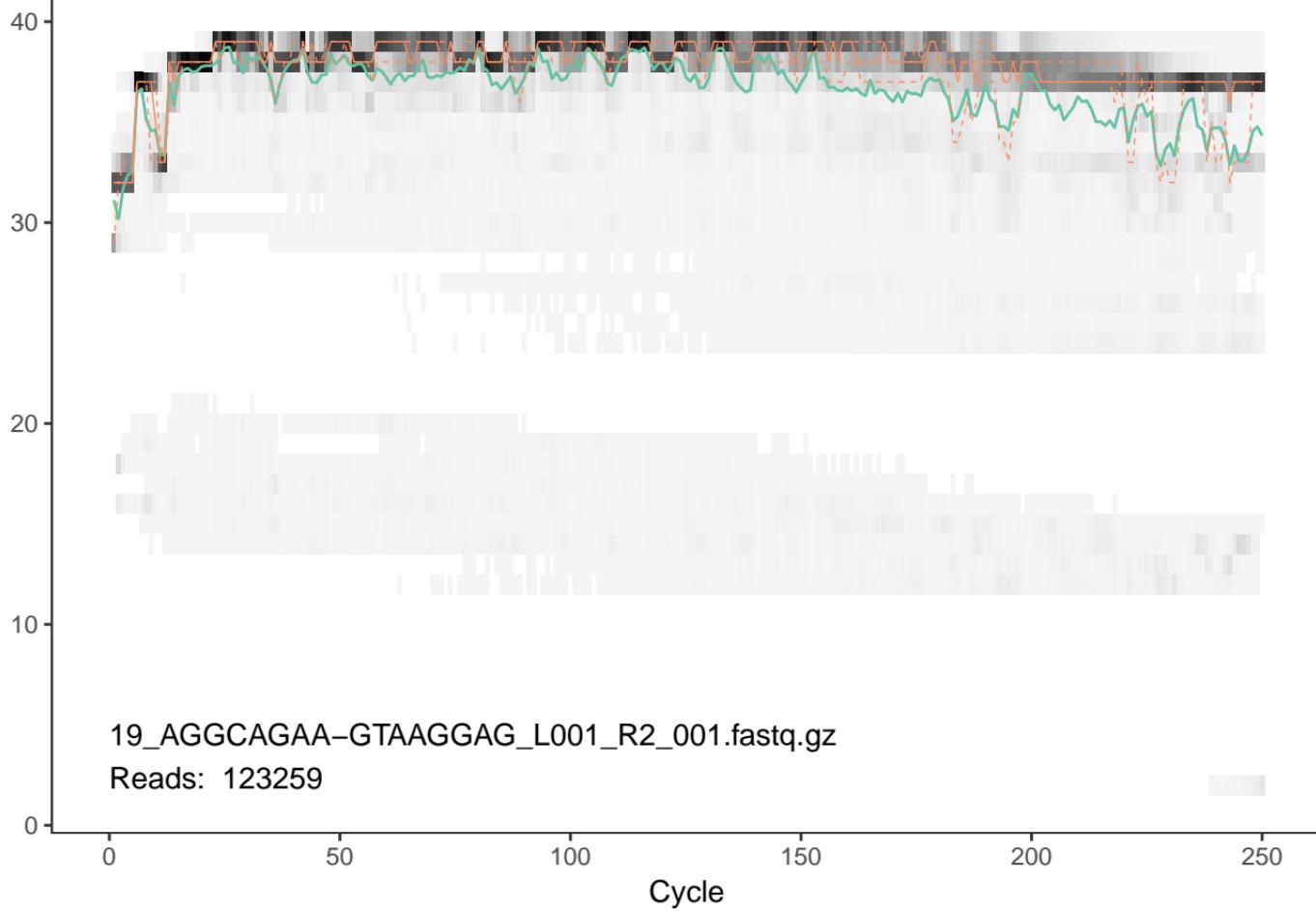
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

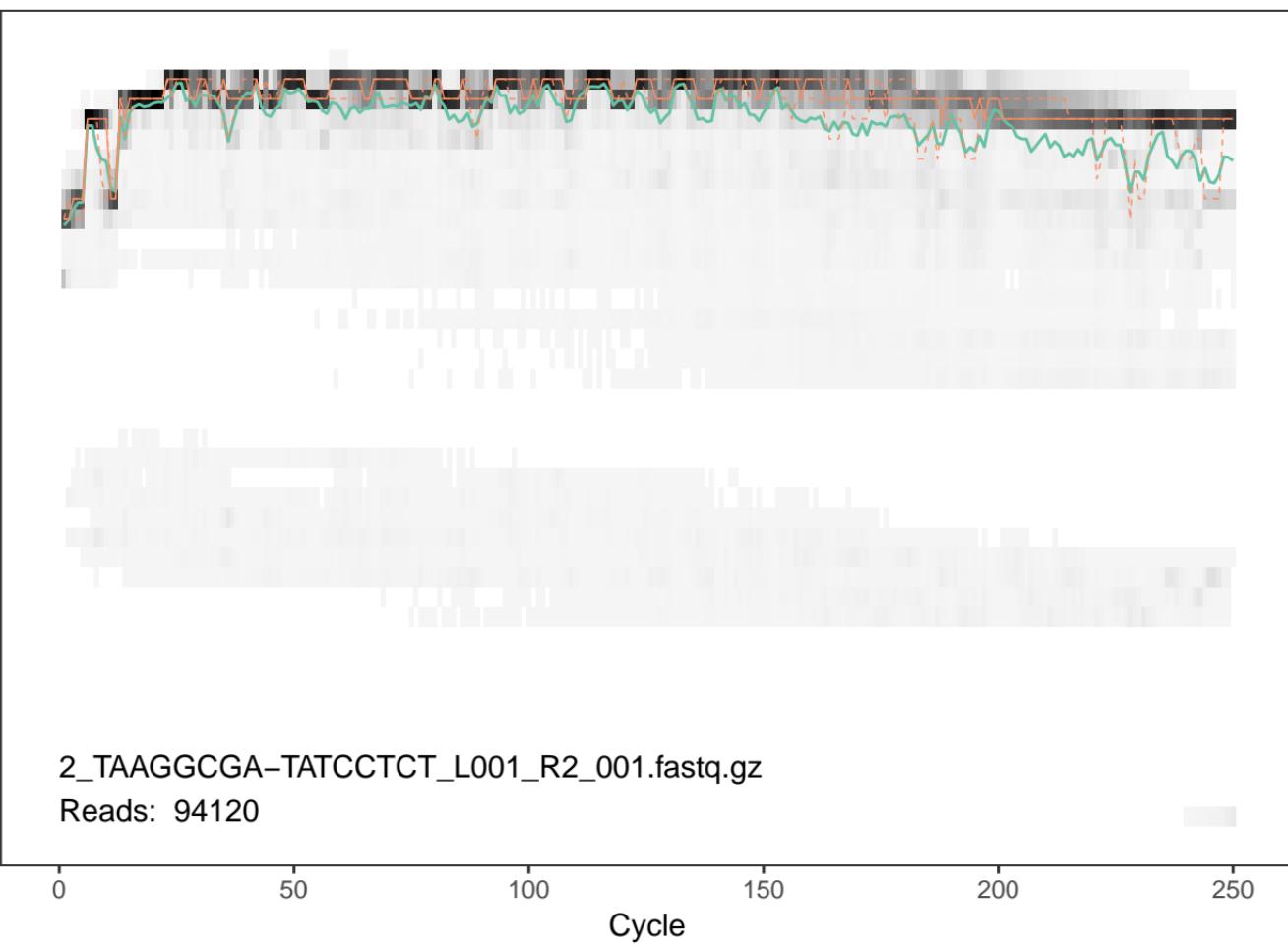
10

0

Cycle

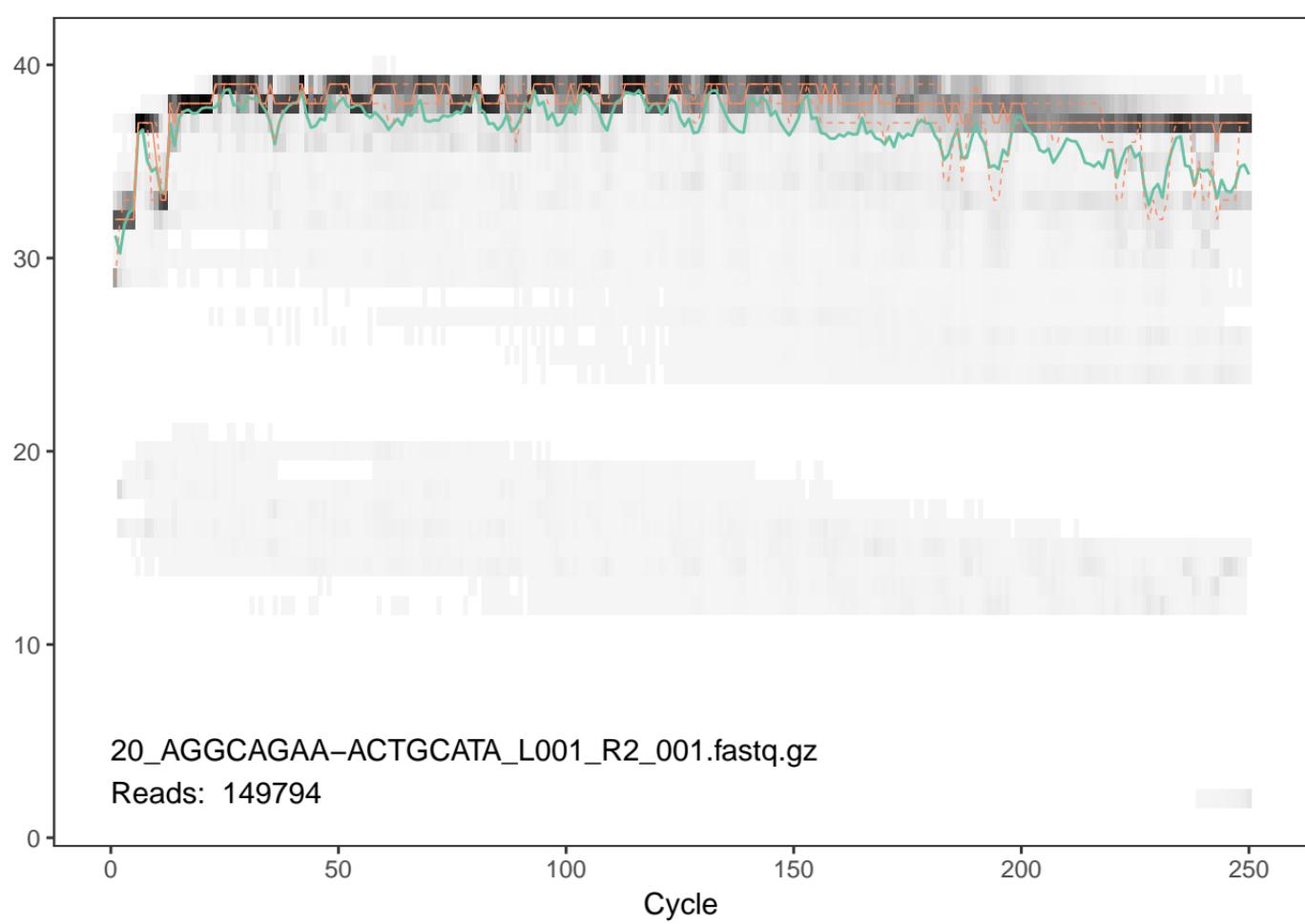
2\_TAAGGCGA-TATCCTCT\_L001\_R2\_001.fastq.gz

Reads: 94120



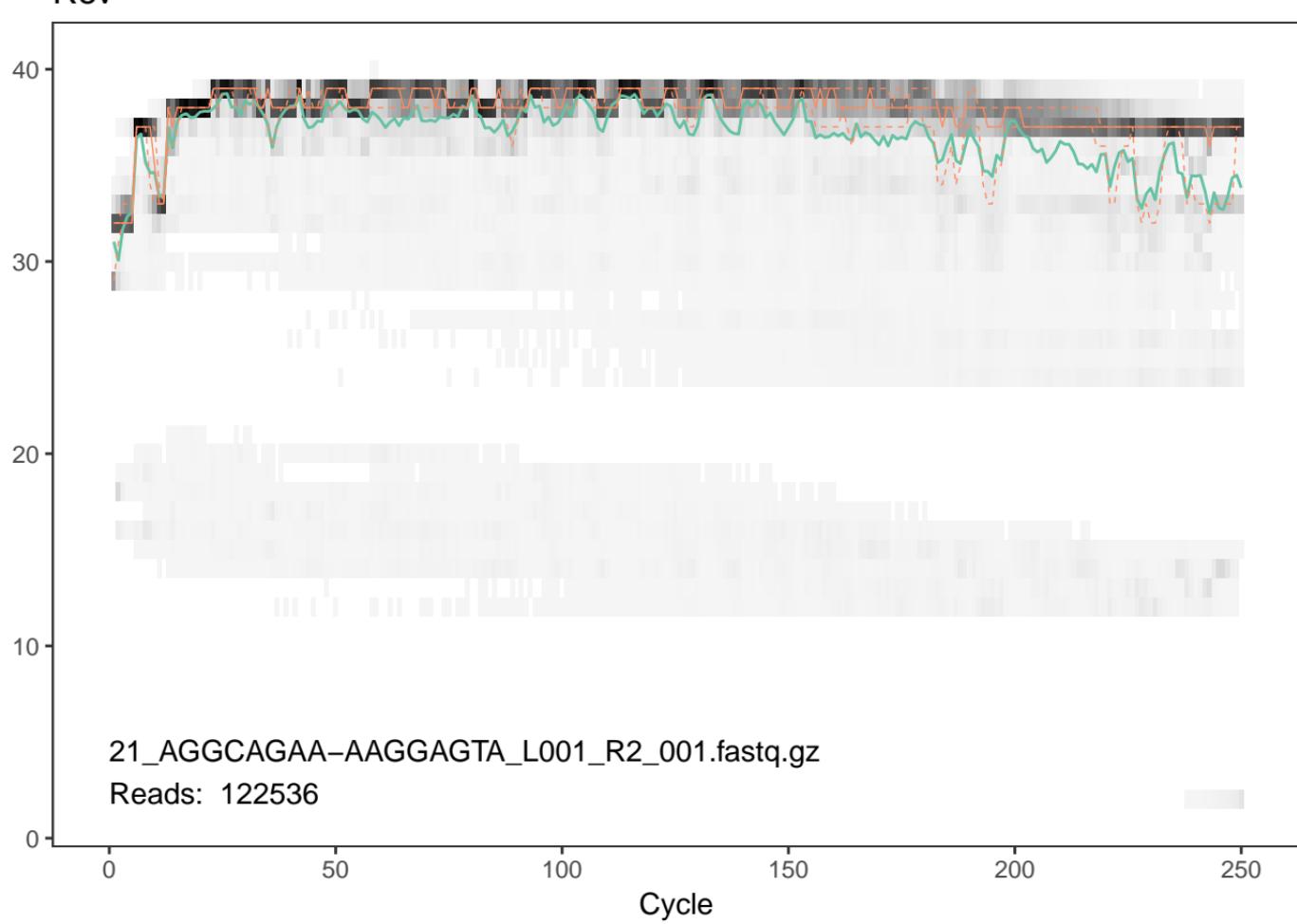
Rev

Quality Score



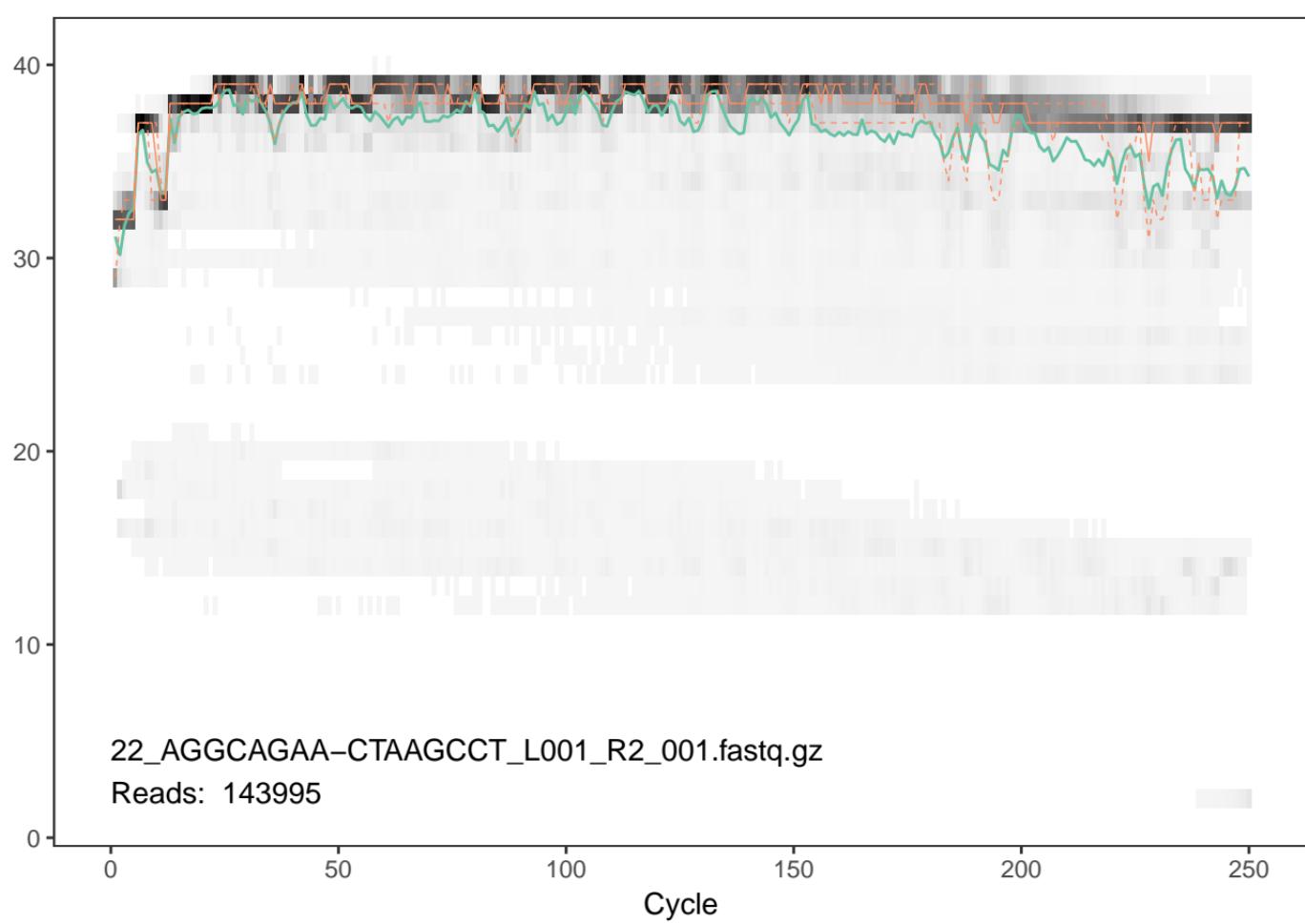
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

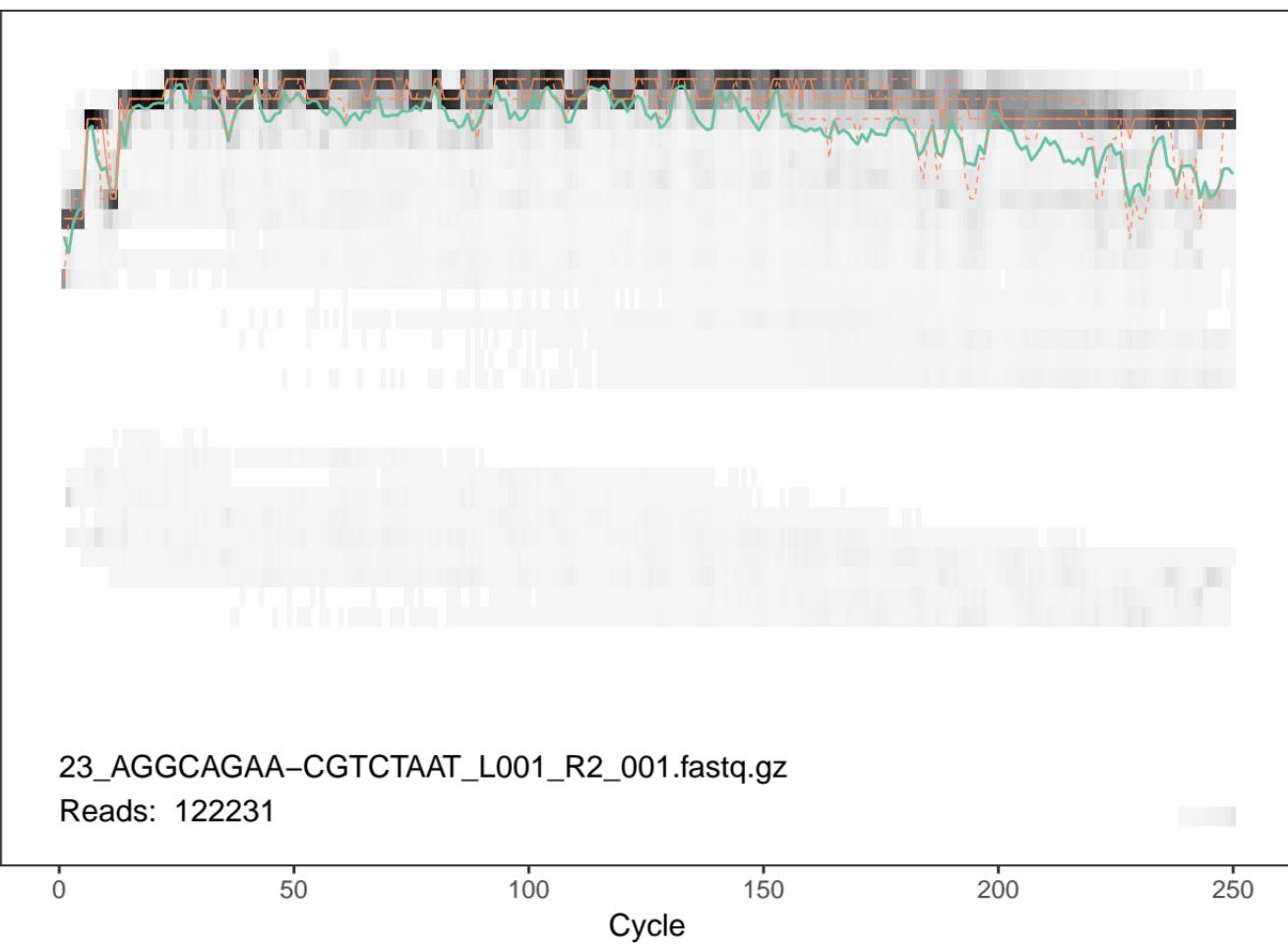
10

0

Cycle

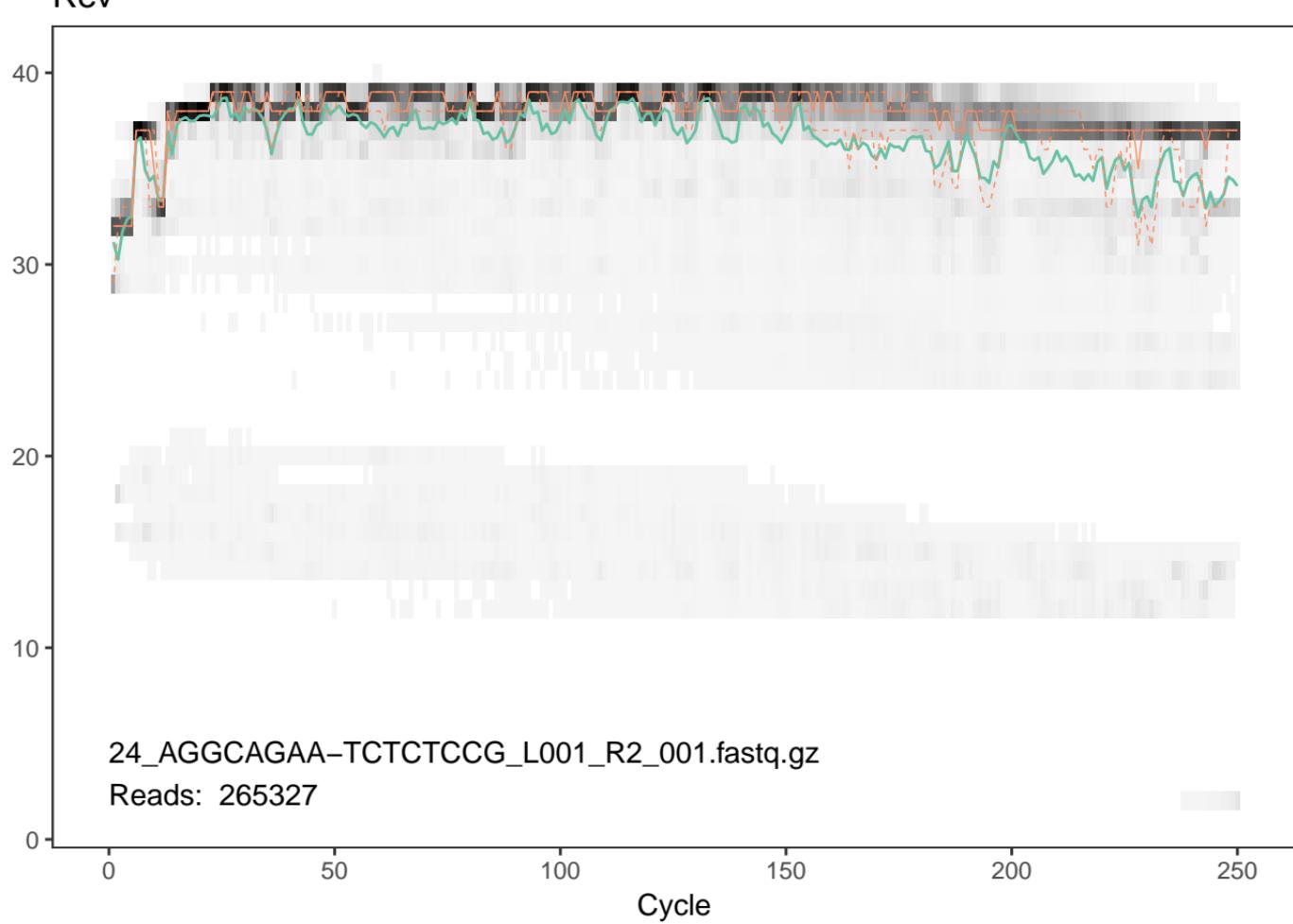
23\_AGGCAGAA-CGTCTAAT\_L001\_R2\_001.fastq.gz

Reads: 122231



Rev

Quality Score



Rev

Quality Score

40

30

20

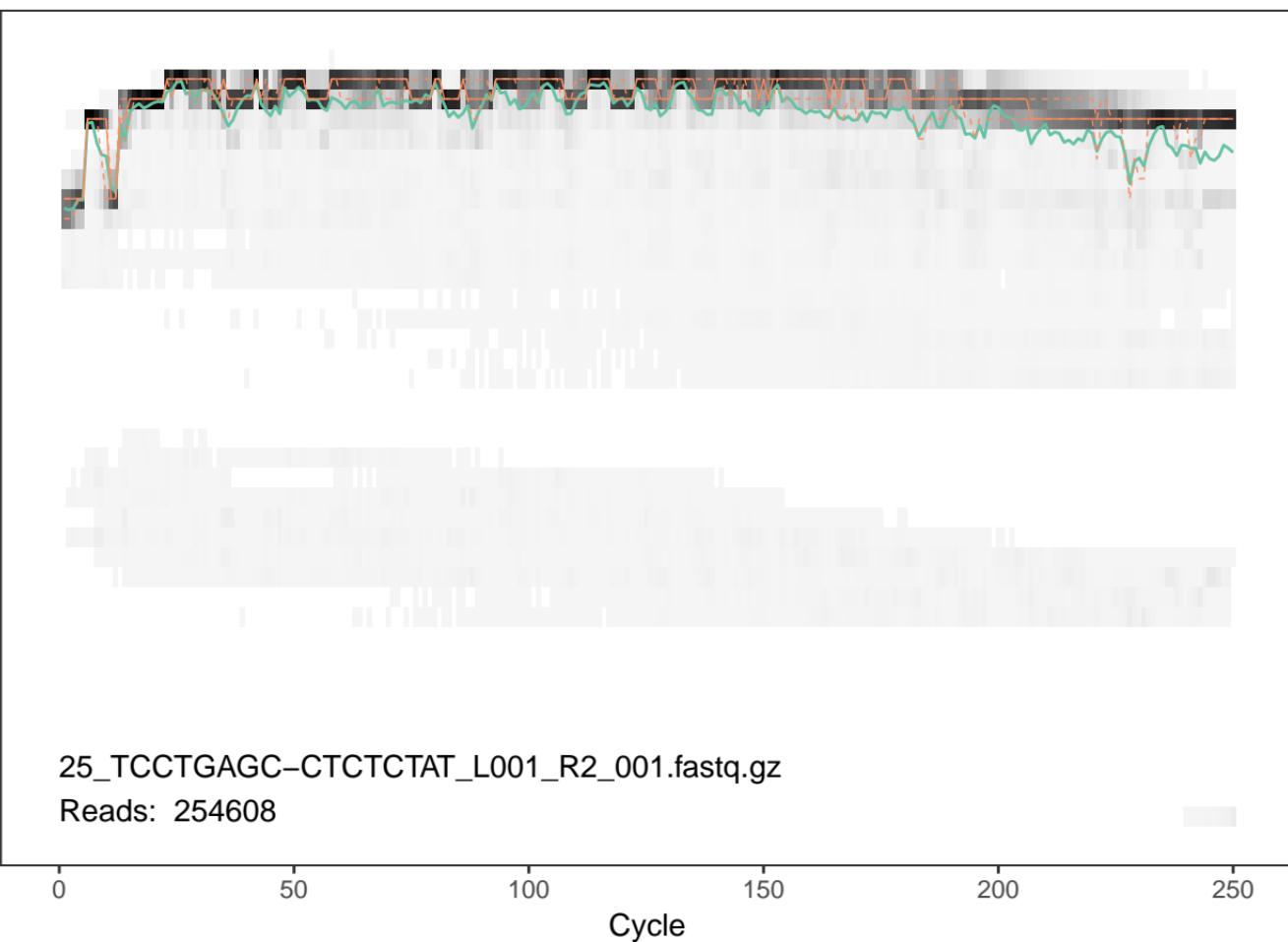
10

0

Cycle

25\_TCCTGAGC-CTCTCTAT\_L001\_R2\_001.fastq.gz

Reads: 254608



Rev

Quality Score

40

30

20

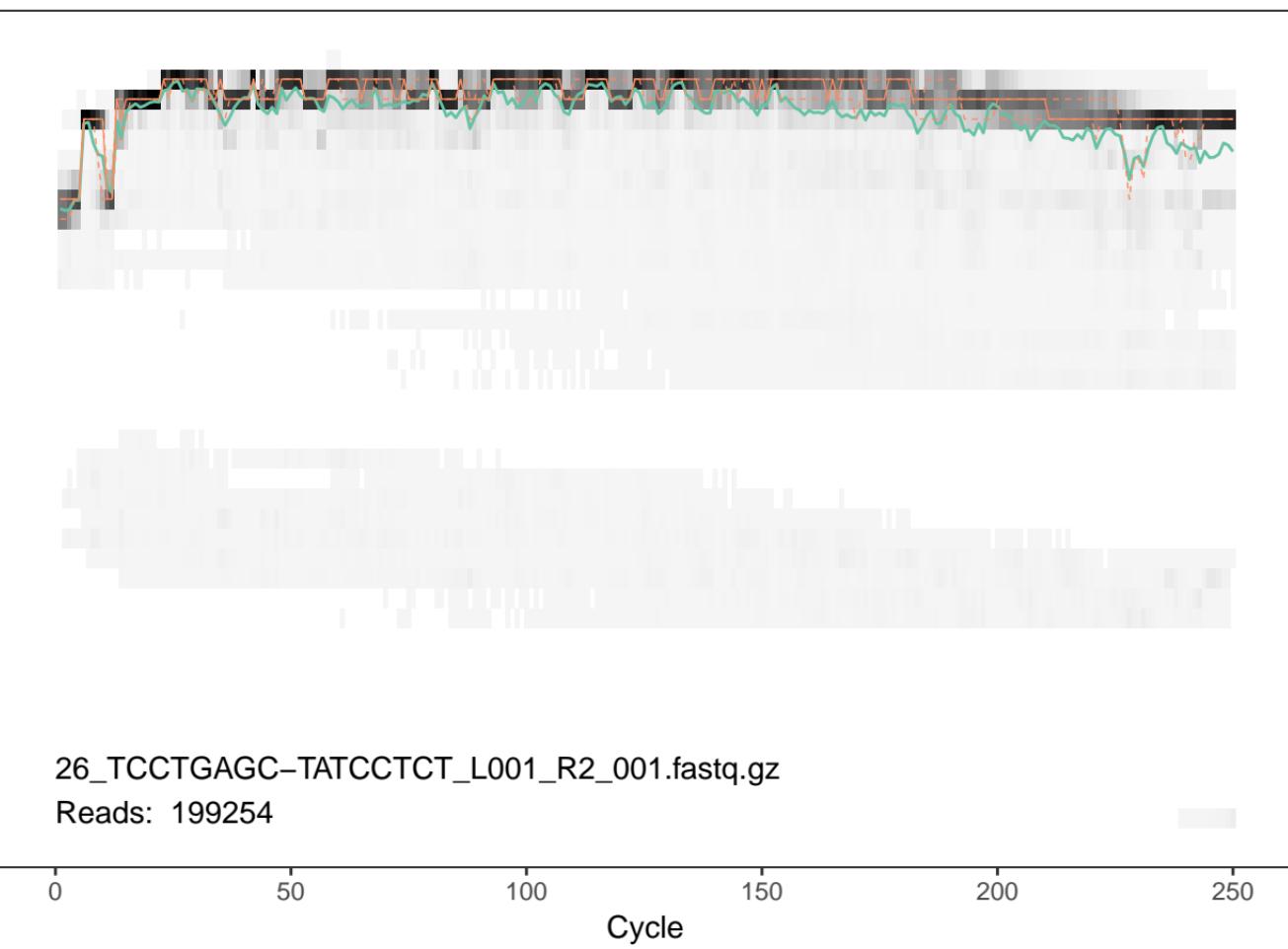
10

0

Cycle

26\_TCCTGAGC-TATCCTCT\_L001\_R2\_001.fastq.gz

Reads: 199254



Rev

Quality Score

40

30

20

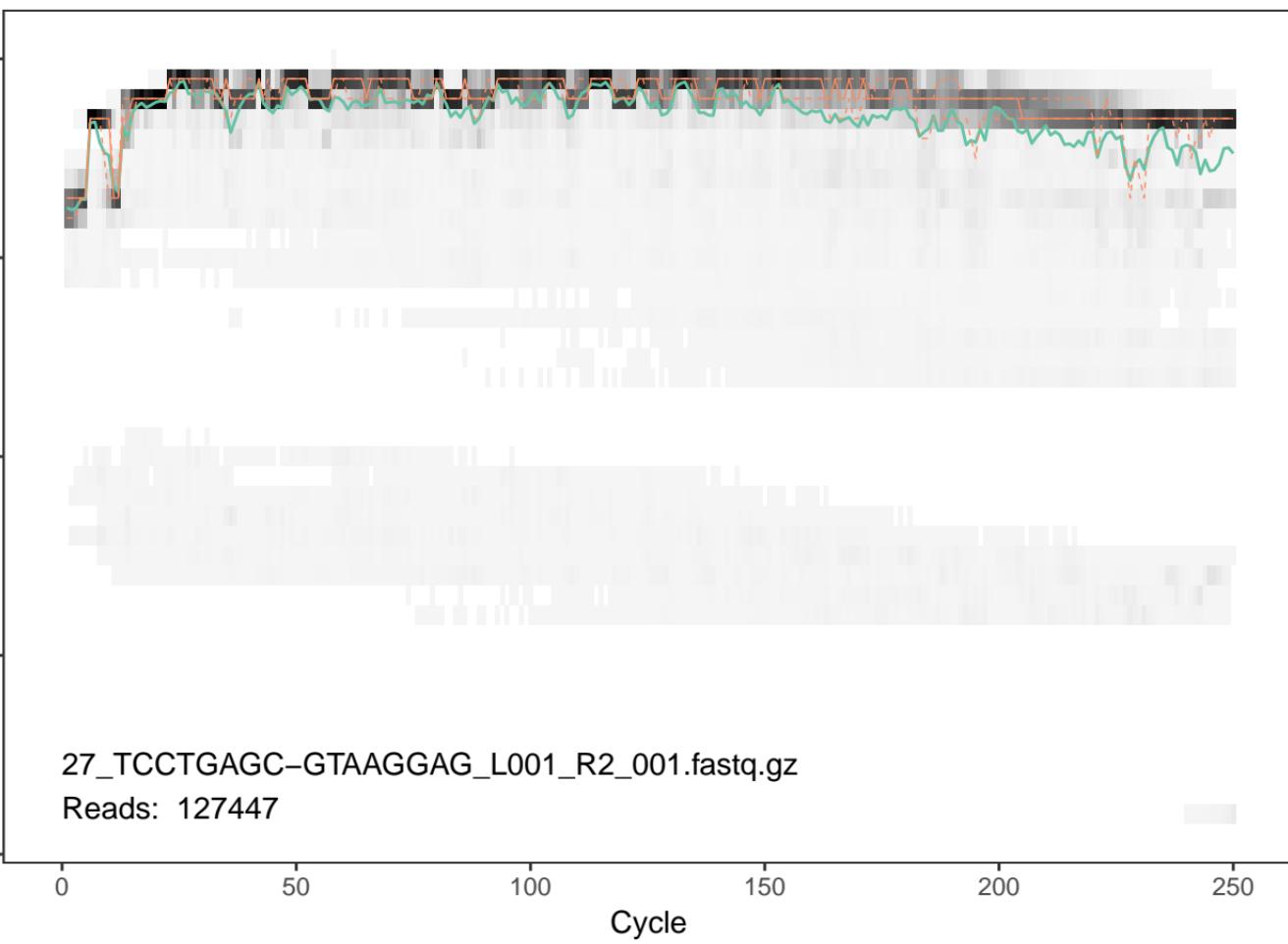
10

0

Cycle

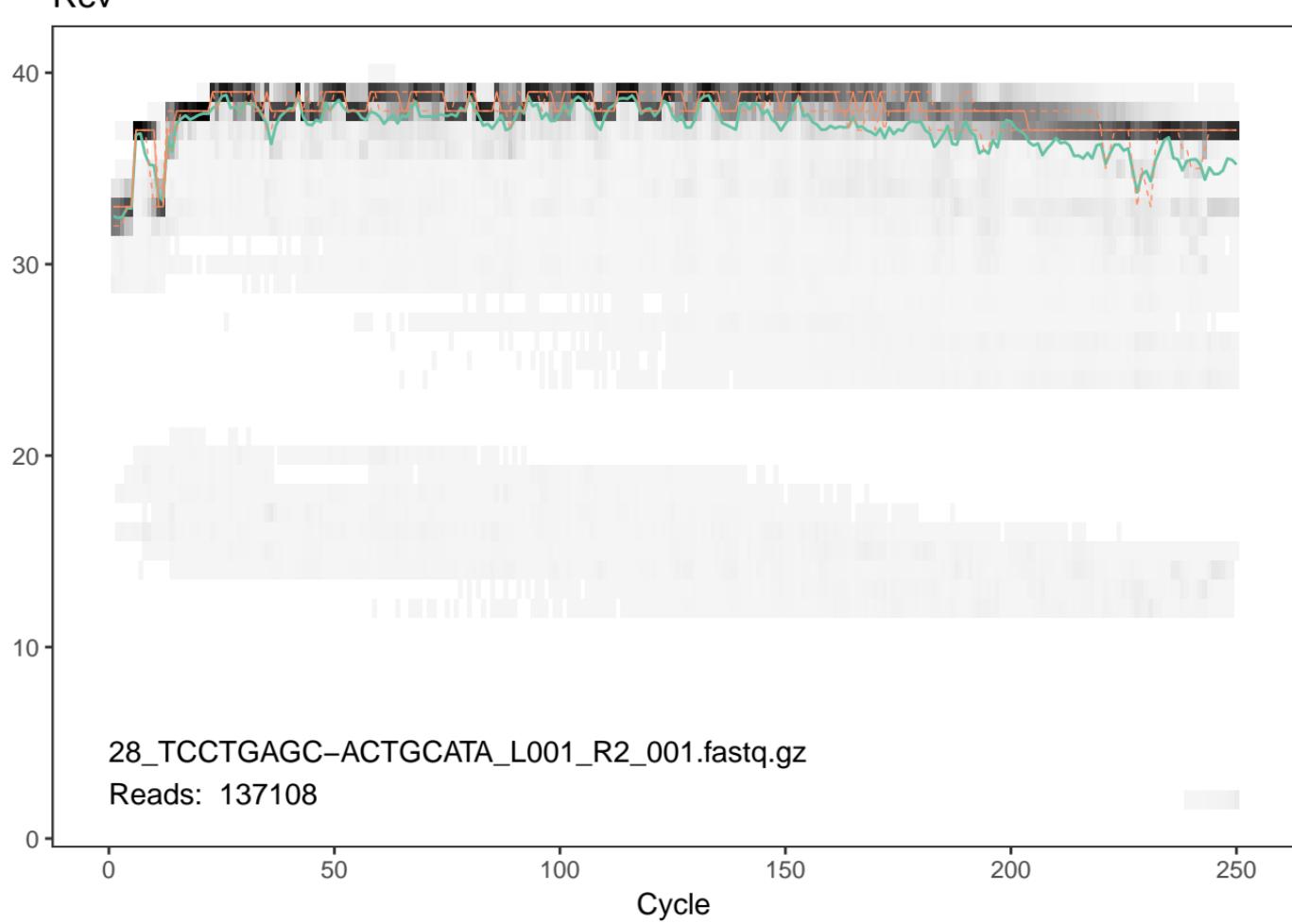
27\_TCCTGAGC-GTAAGGAG\_L001\_R2\_001.fastq.gz

Reads: 127447



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

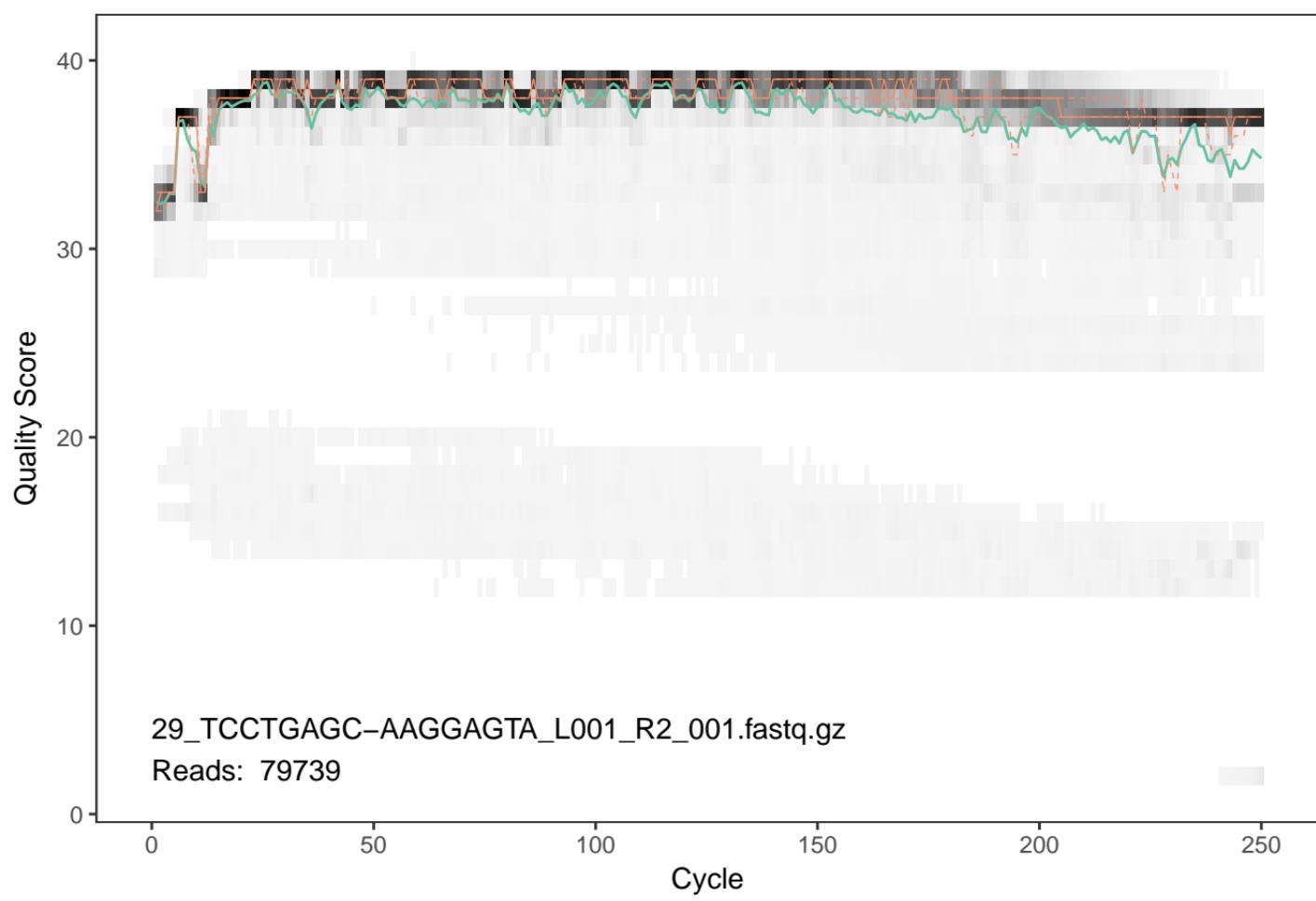
200

250

Cycle

29\_TCCTGAGC-AAGGAGTA\_L001\_R2\_001.fastq.gz

Reads: 79739



Rev

Quality Score

40

30

20

10

0

50

100

150

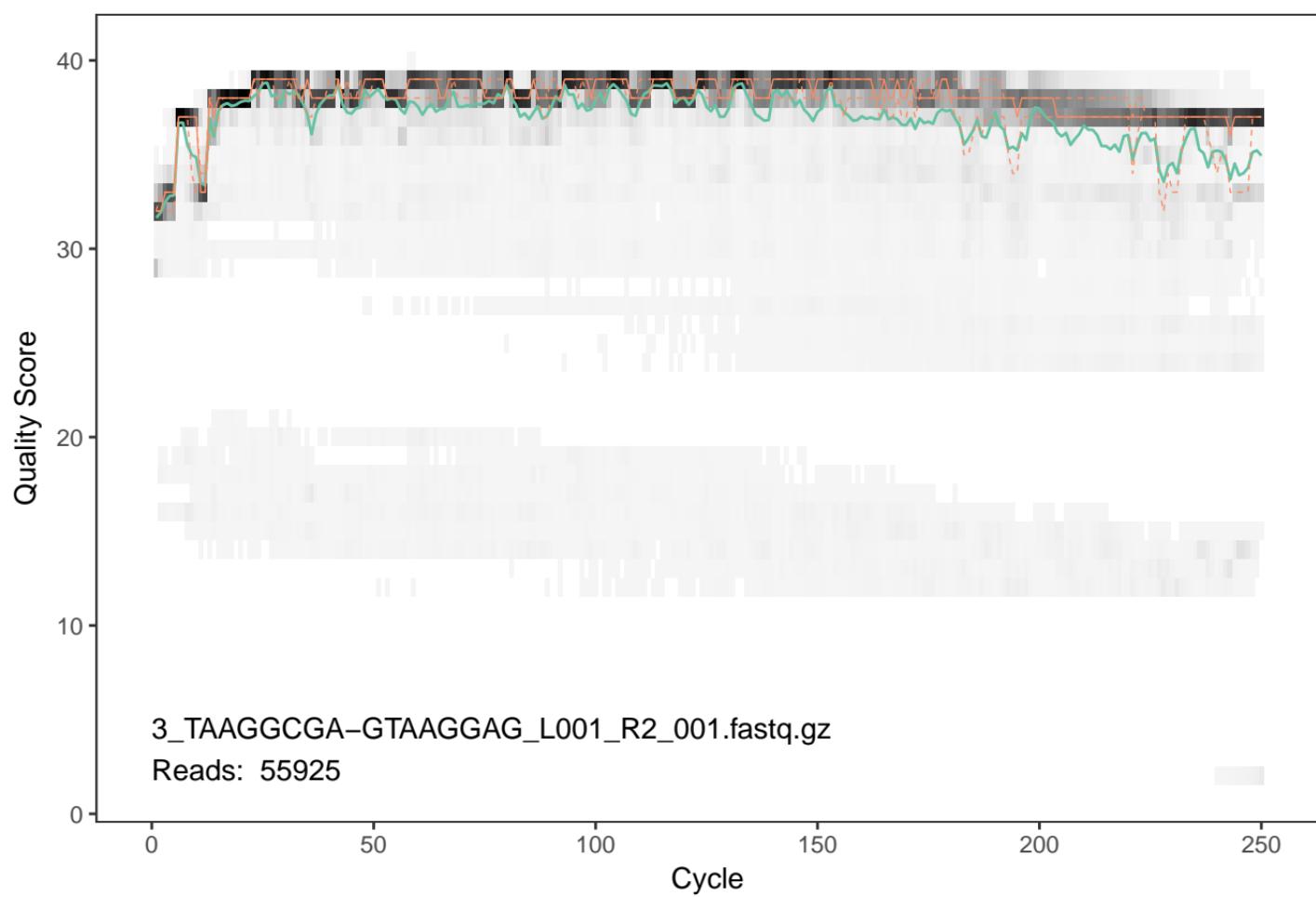
200

250

Cycle

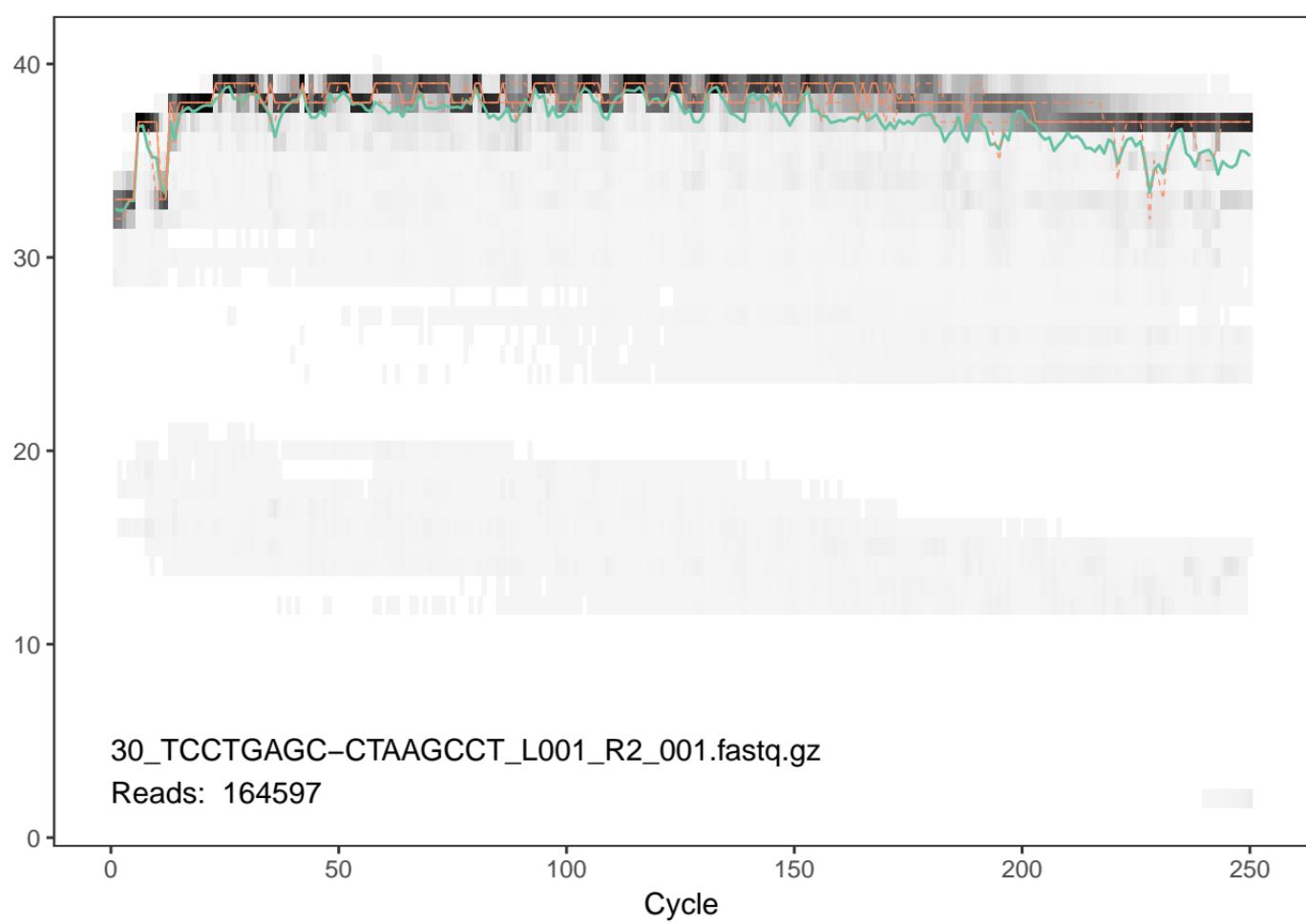
3\_TAAGGCGA-GTAAGGAG\_L001\_R2\_001.fastq.gz

Reads: 55925



Rev

Quality Score



Rev

Quality Score

40

30

20

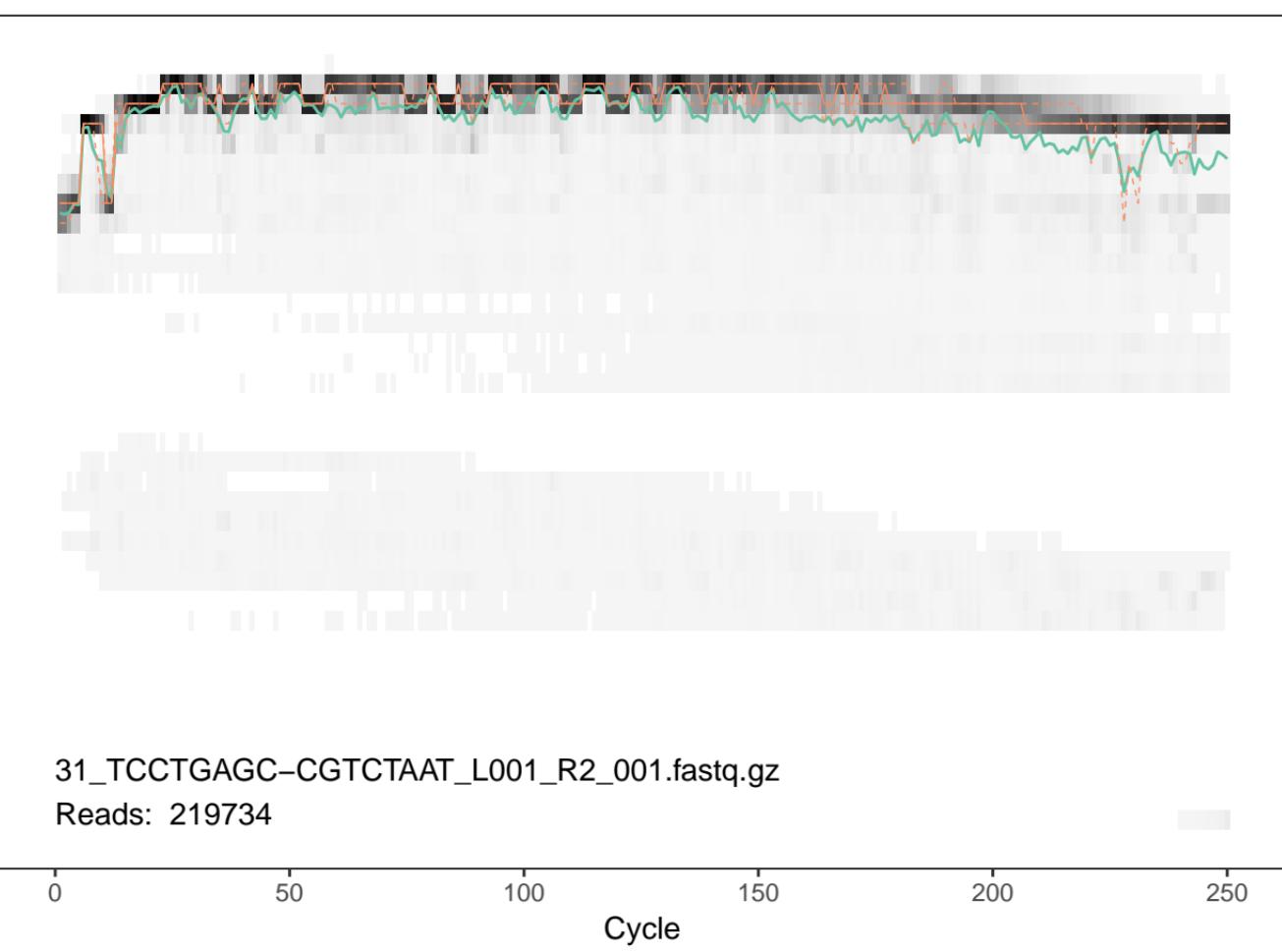
10

0

Cycle

31\_TCCTGAGC-CGTCTAAT\_L001\_R2\_001.fastq.gz

Reads: 219734



Rev

Quality Score

40

30

20

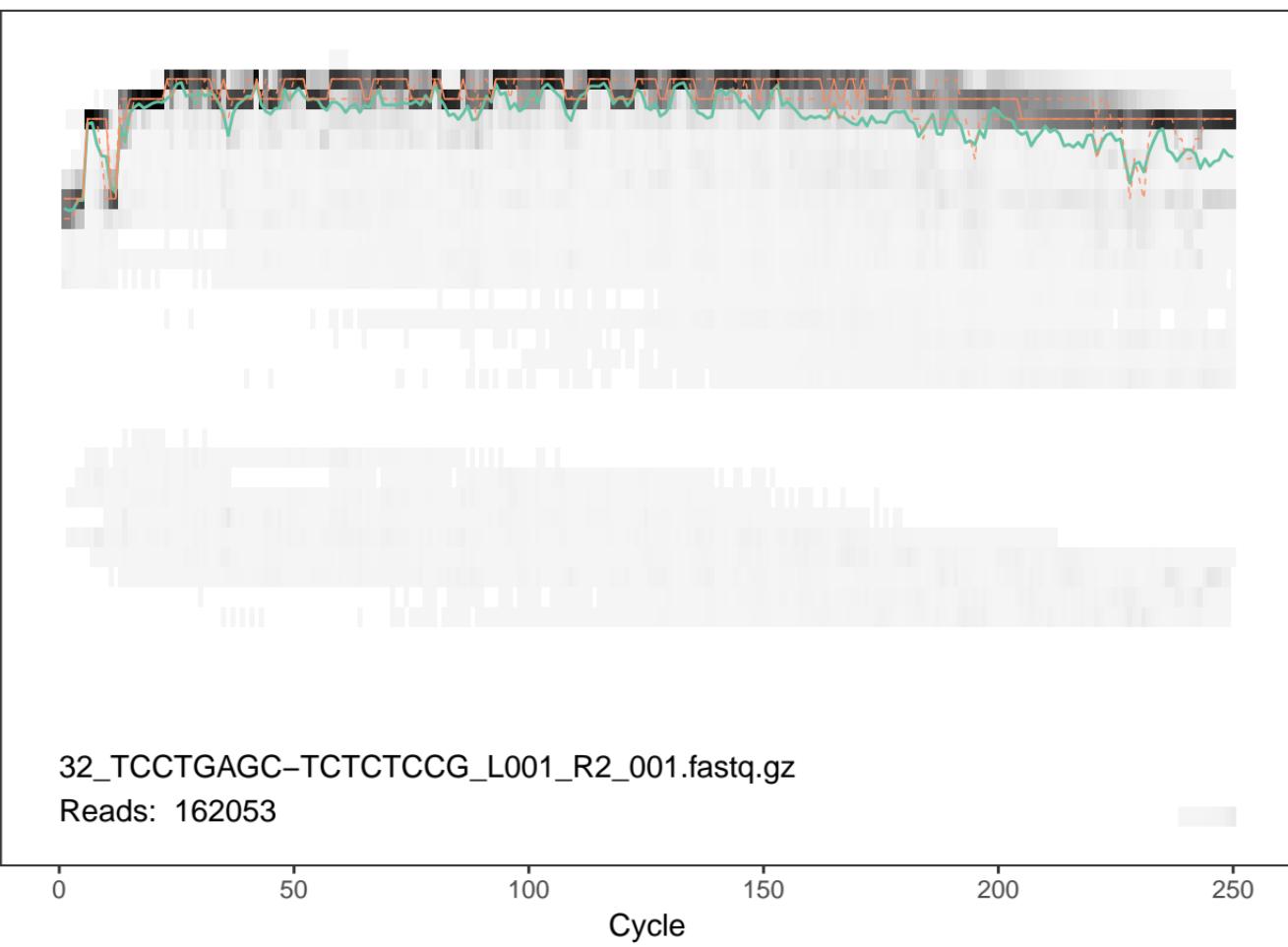
10

0

Cycle

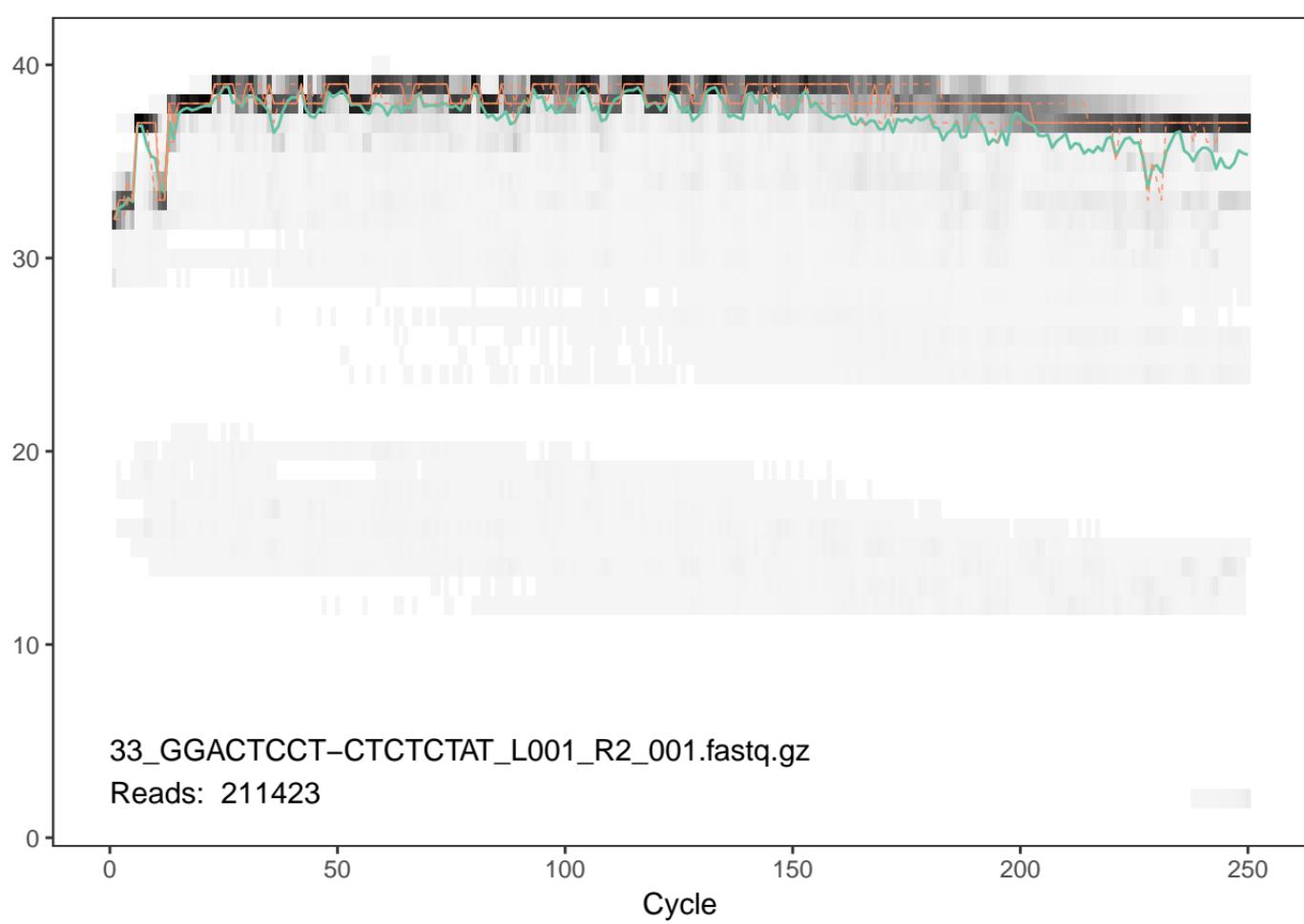
32\_TCCTGAGC-TCTCTCCG\_L001\_R2\_001.fastq.gz

Reads: 162053



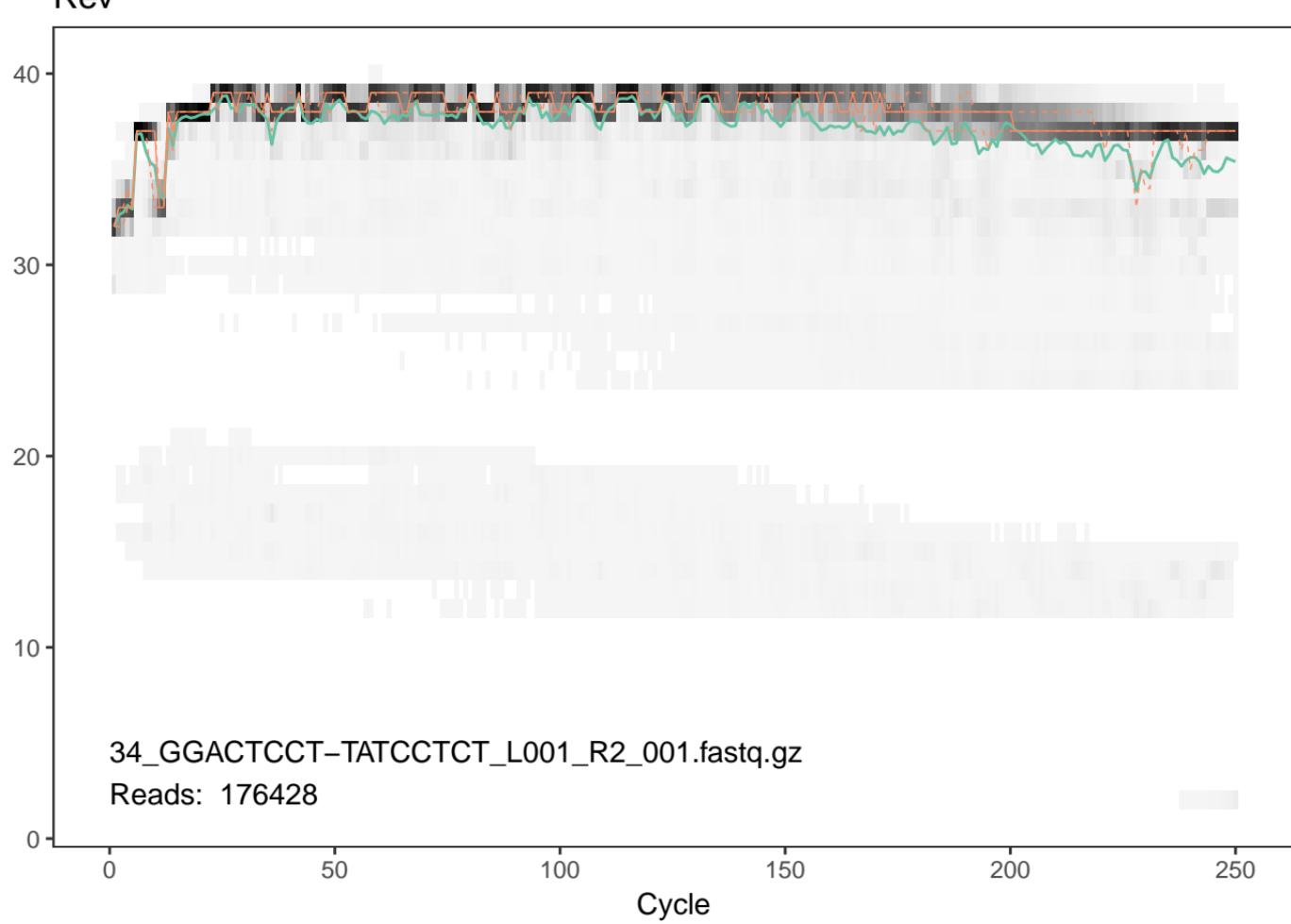
Rev

Quality Score



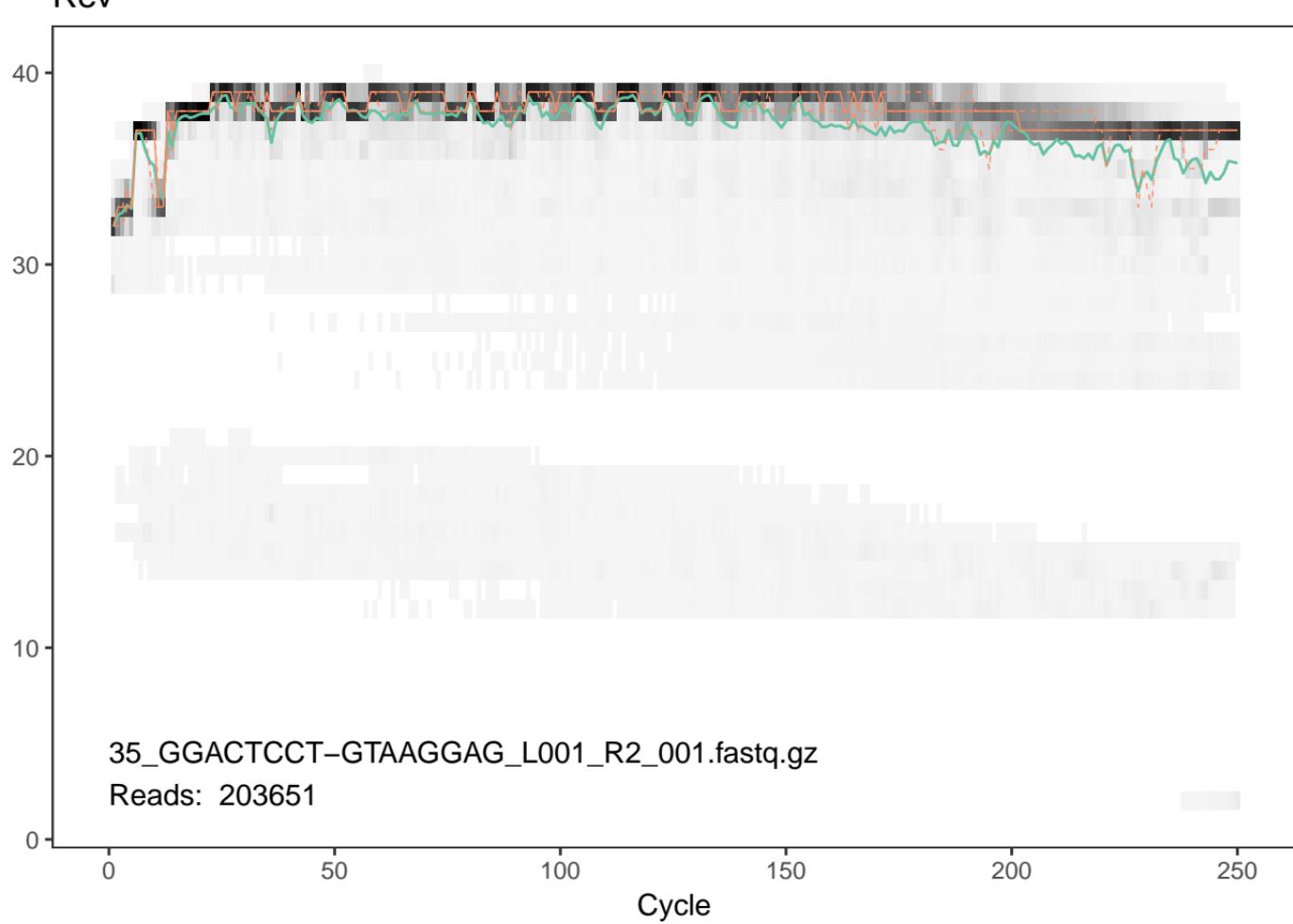
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

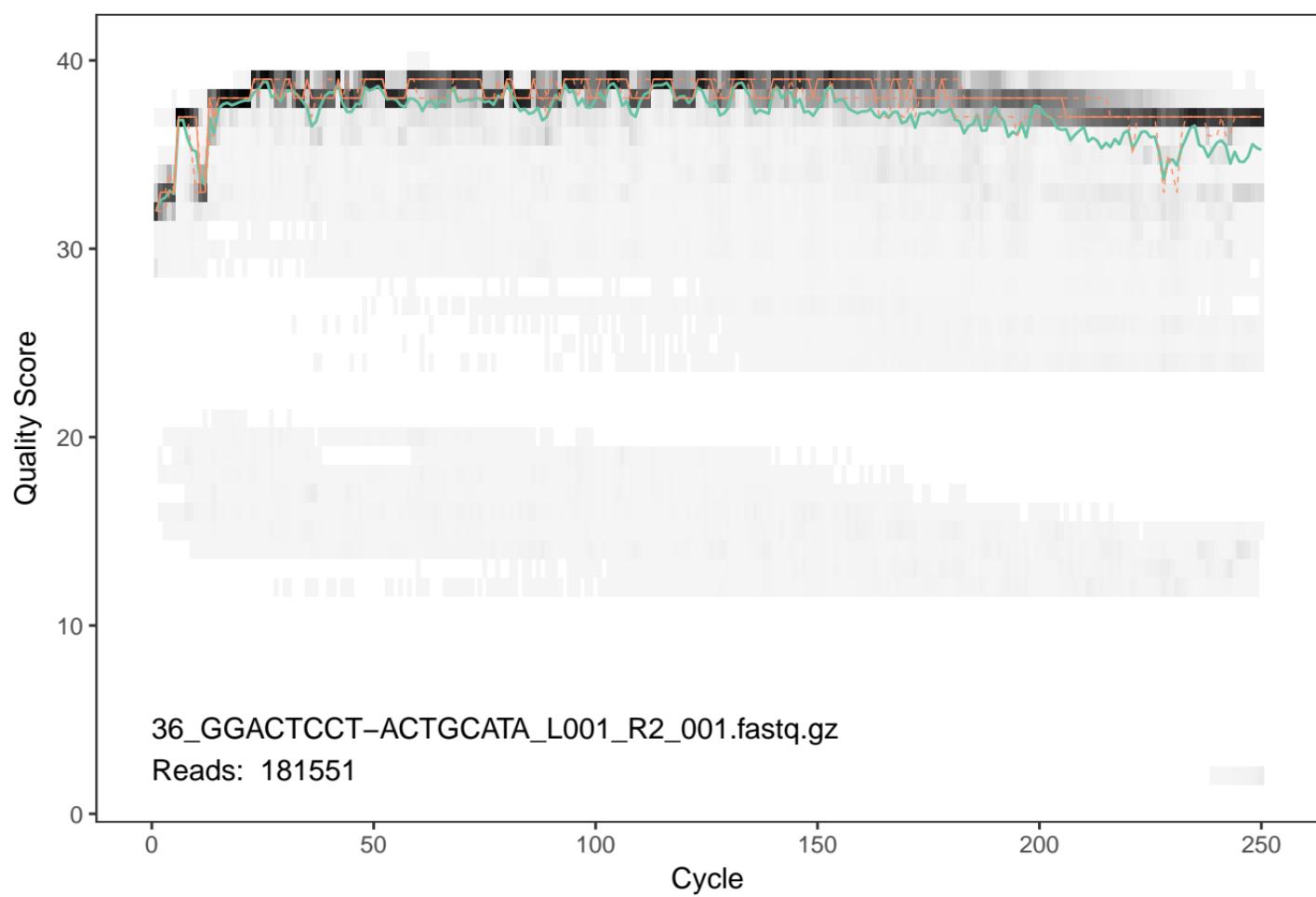
200

250

Cycle

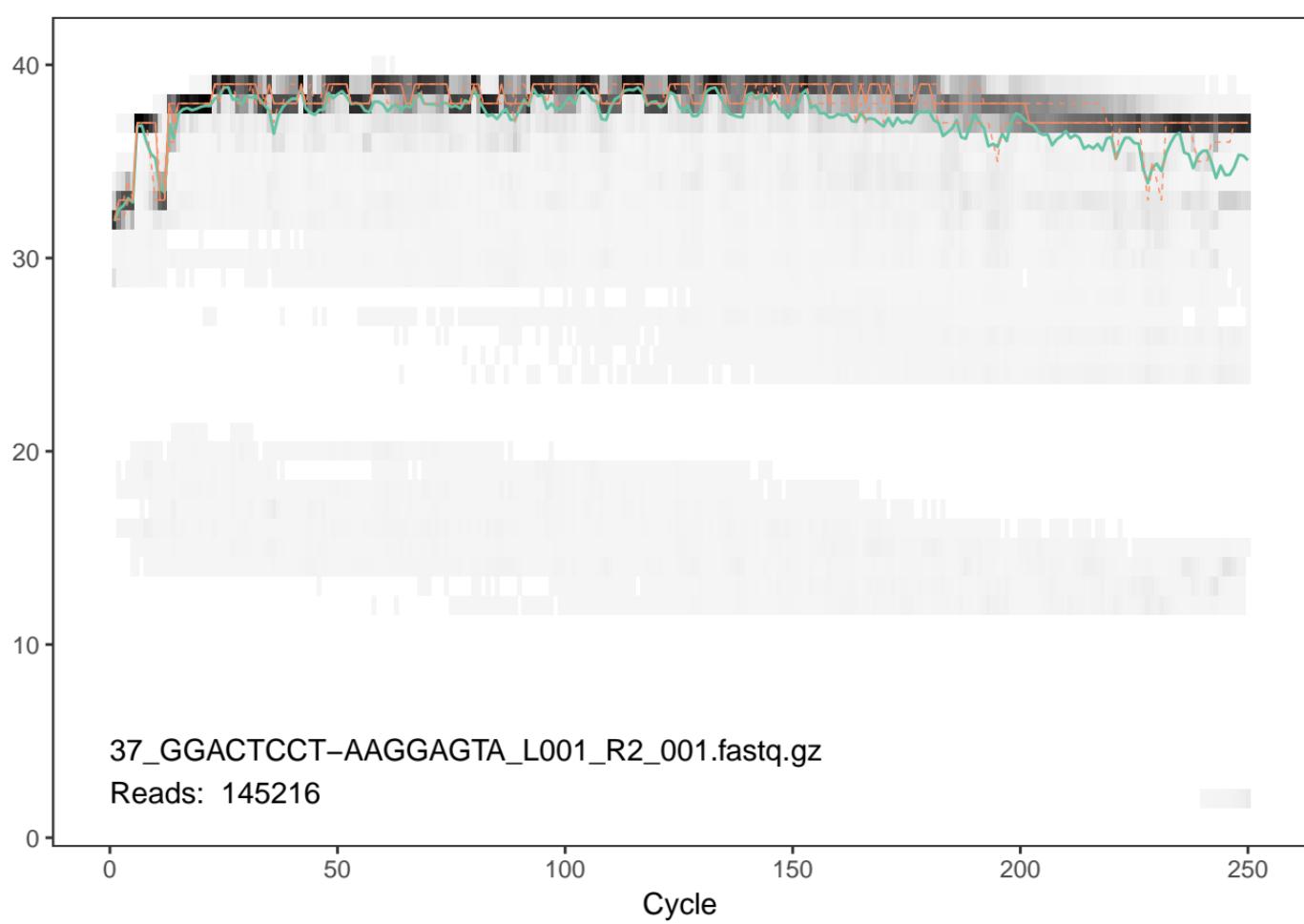
36\_GGACTCCT-ACTGCATA\_L001\_R2\_001.fastq.gz

Reads: 181551



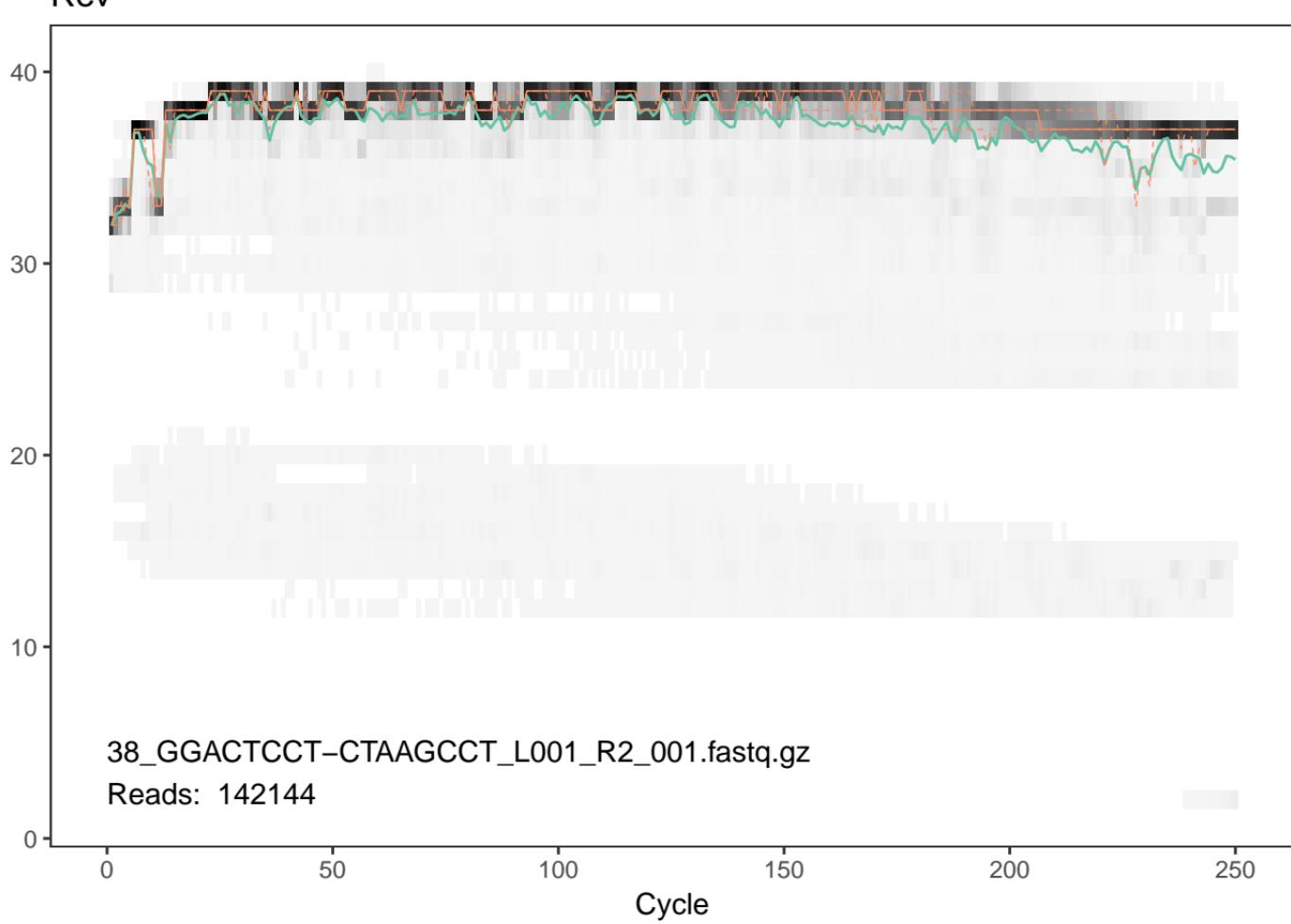
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

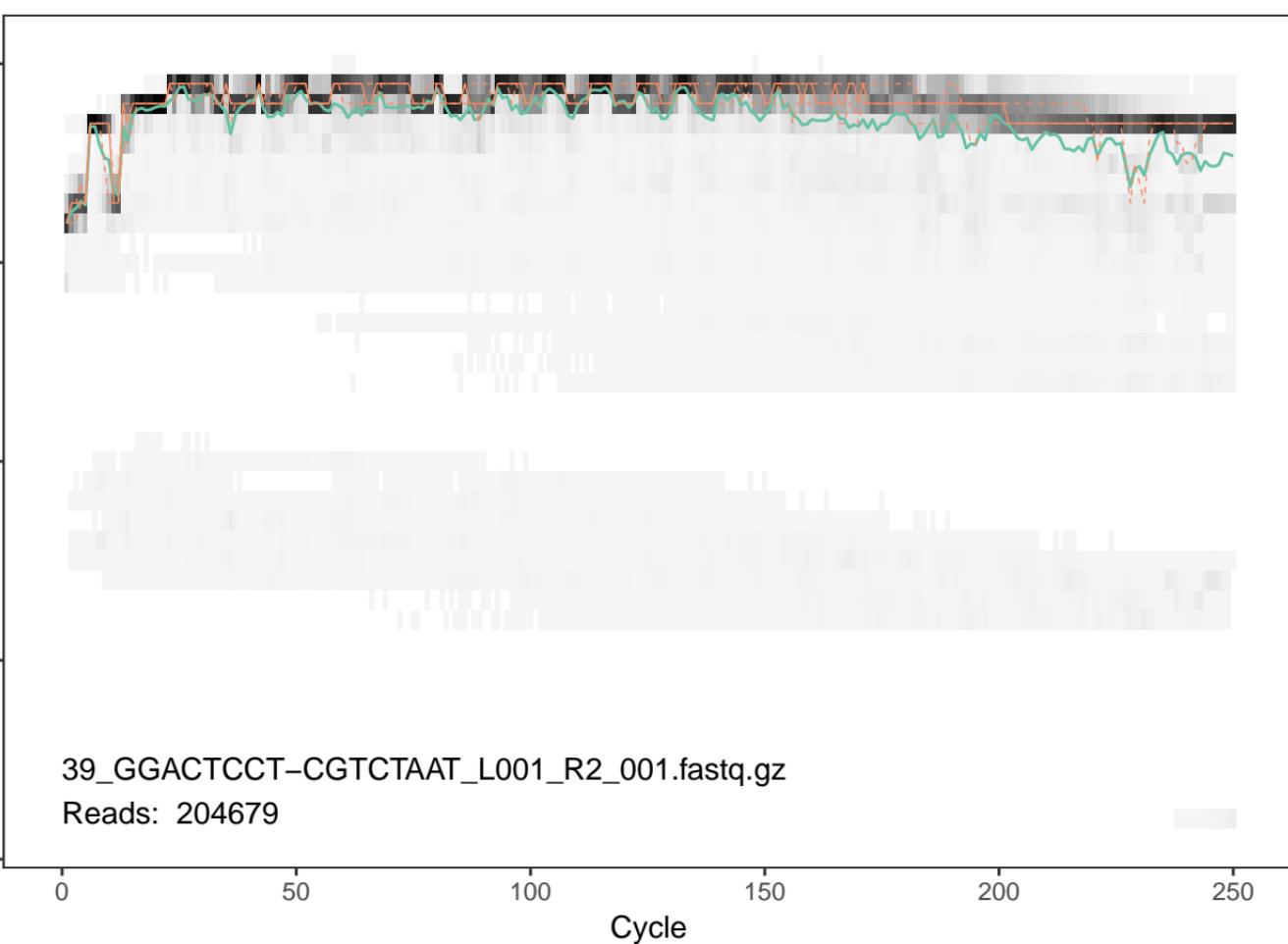
20

10

0

Cycle

39\_GGACTCCT-CGTCTAAT\_L001\_R2\_001.fastq.gz  
Reads: 204679



Rev

Quality Score

40

30

20

10

0

4\_TAAGGCGA-ACTGCATA\_L001\_R2\_001.fastq.gz

Reads: 136755

0

50

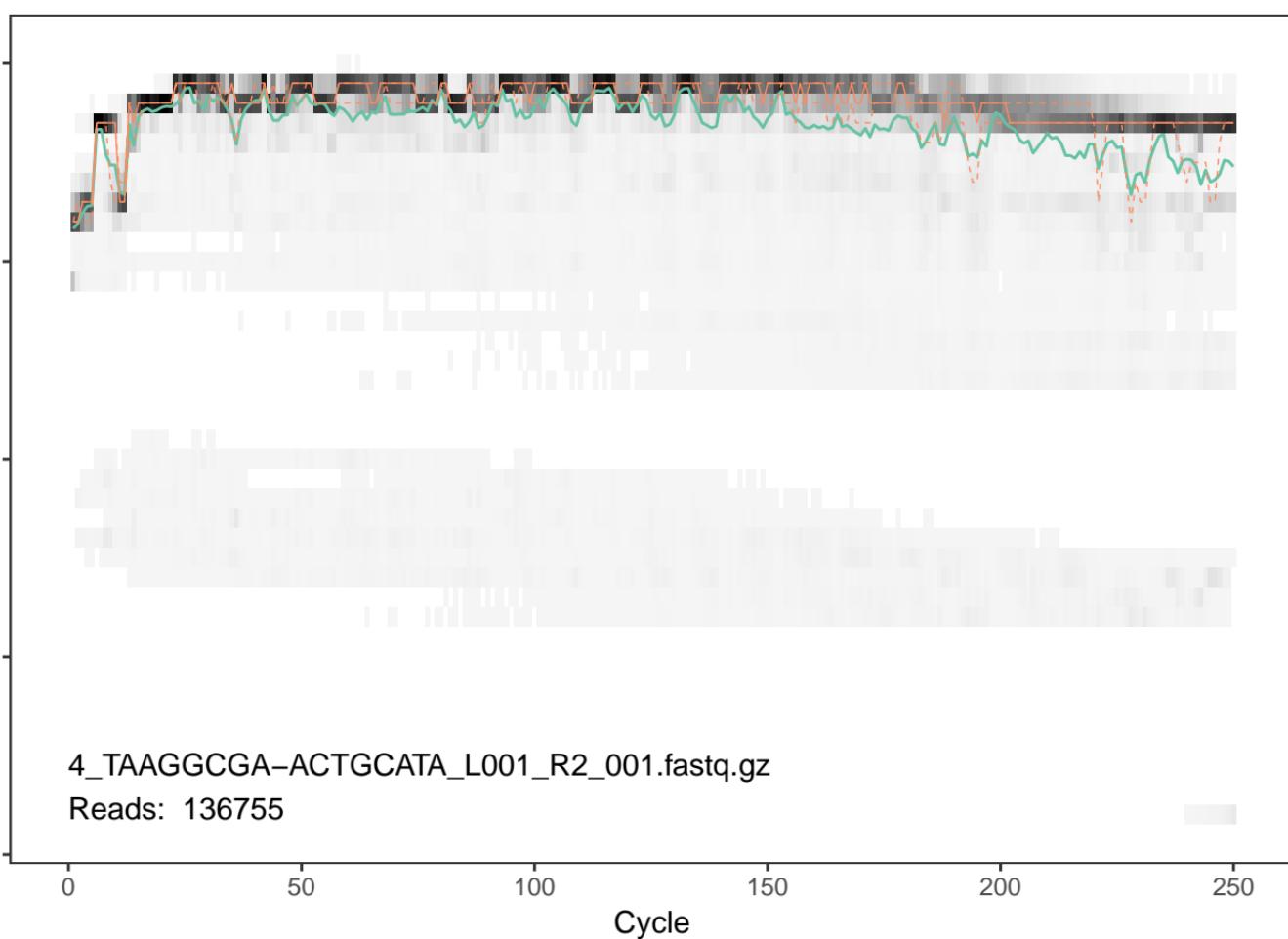
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

10

0

40\_GGACTCCT-TCTCTCCG\_L001\_R2\_001.fastq.gz

Reads: 224933

0

50

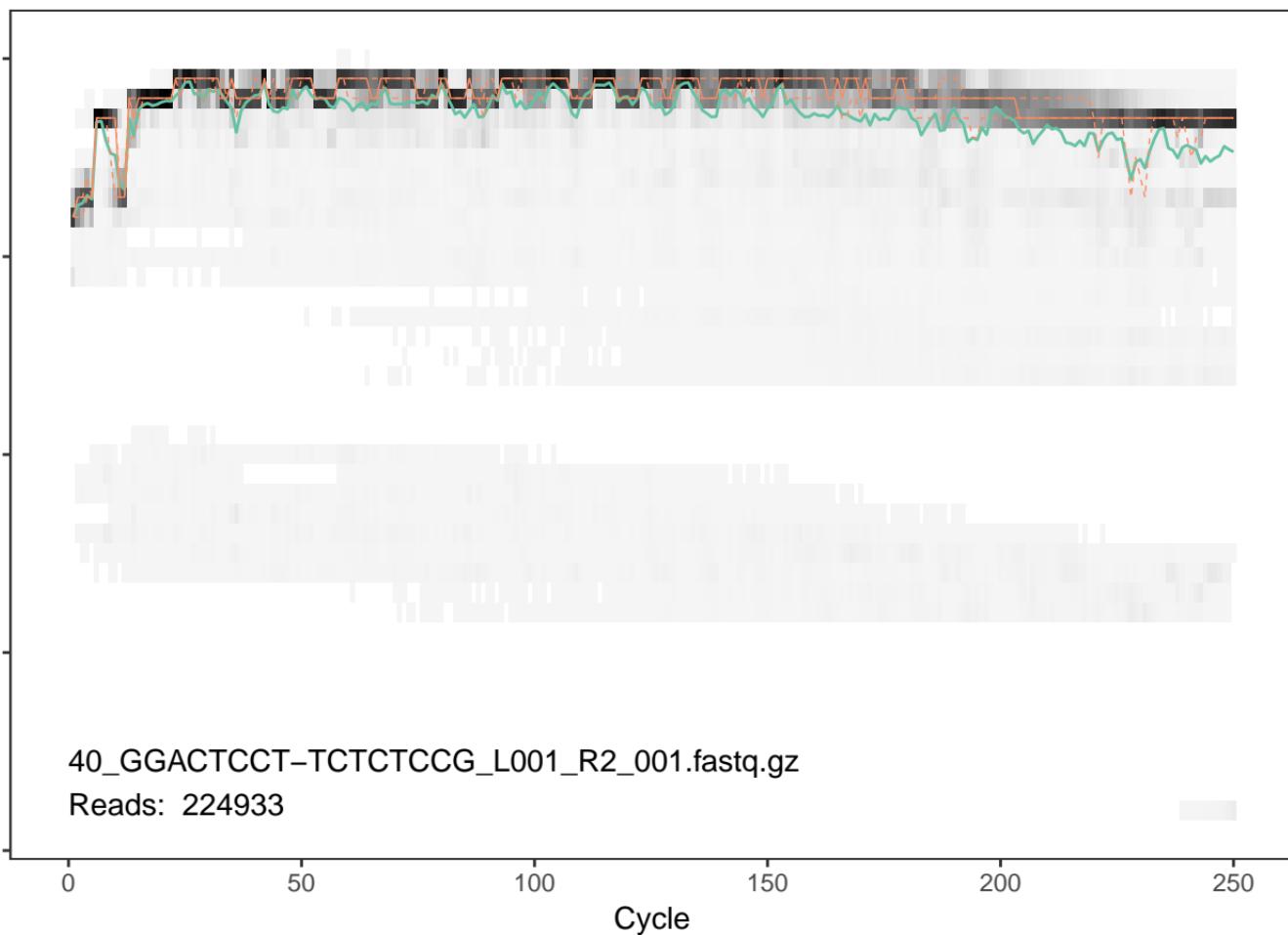
100

150

200

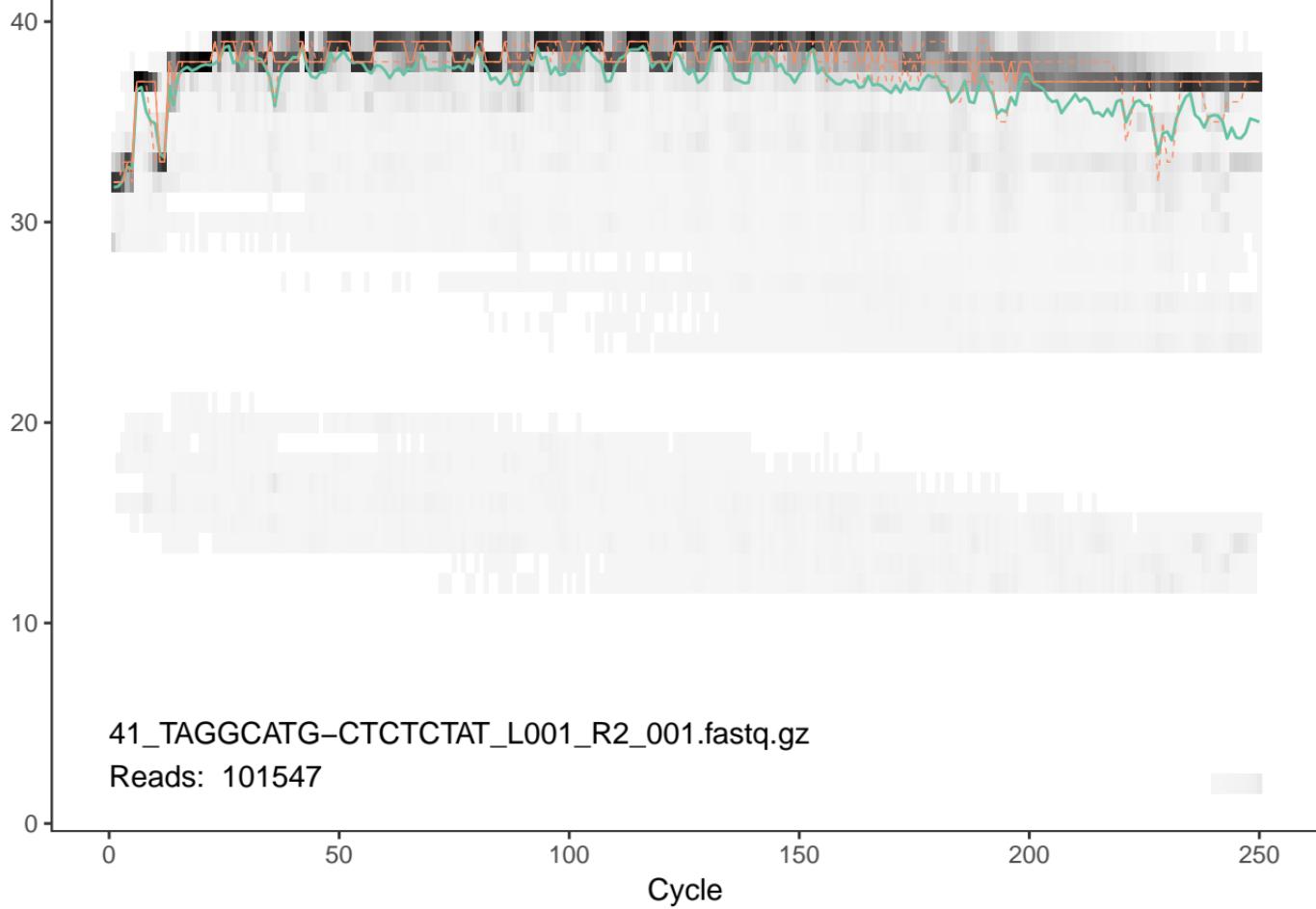
250

Cycle



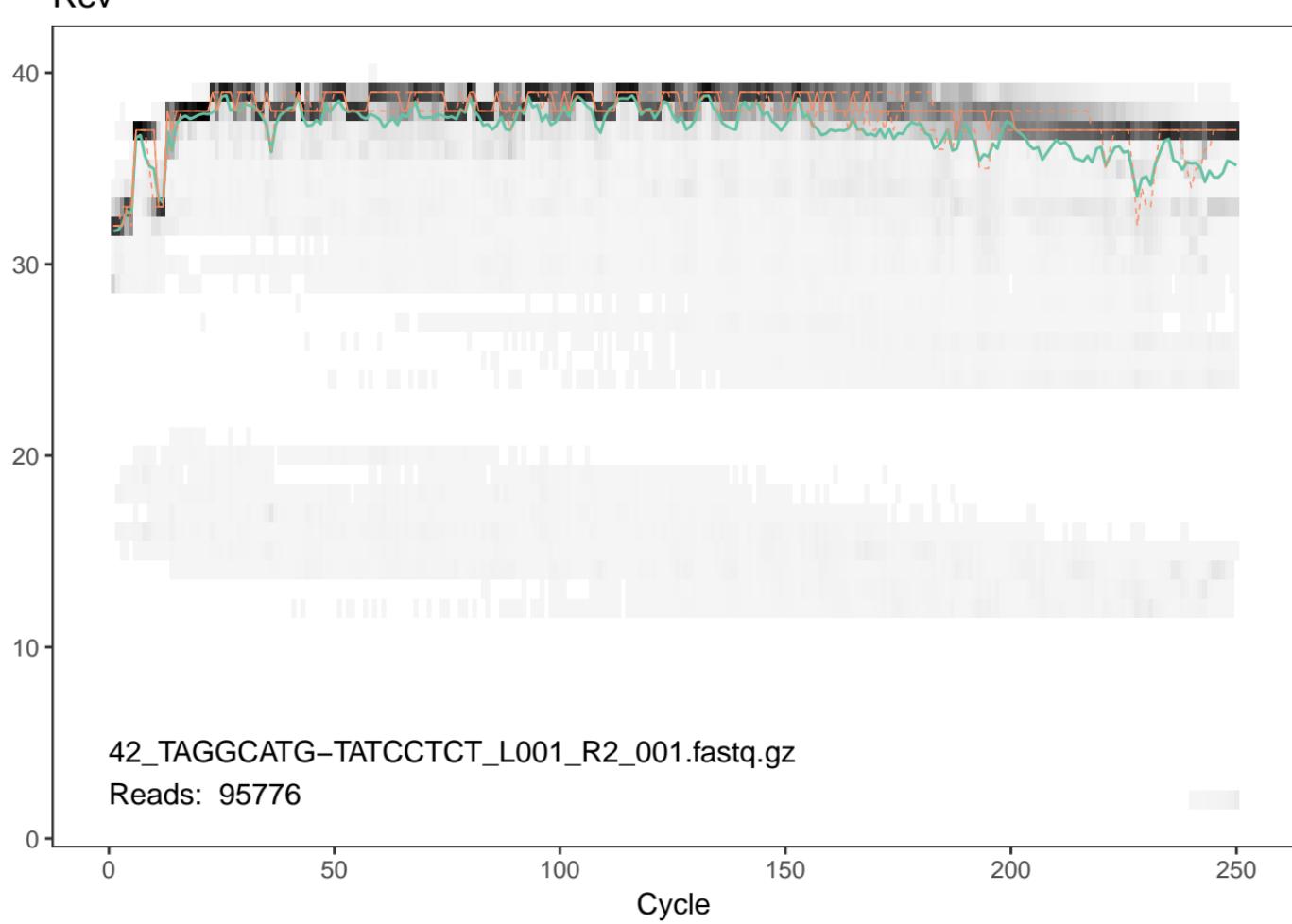
Rev

Quality Score



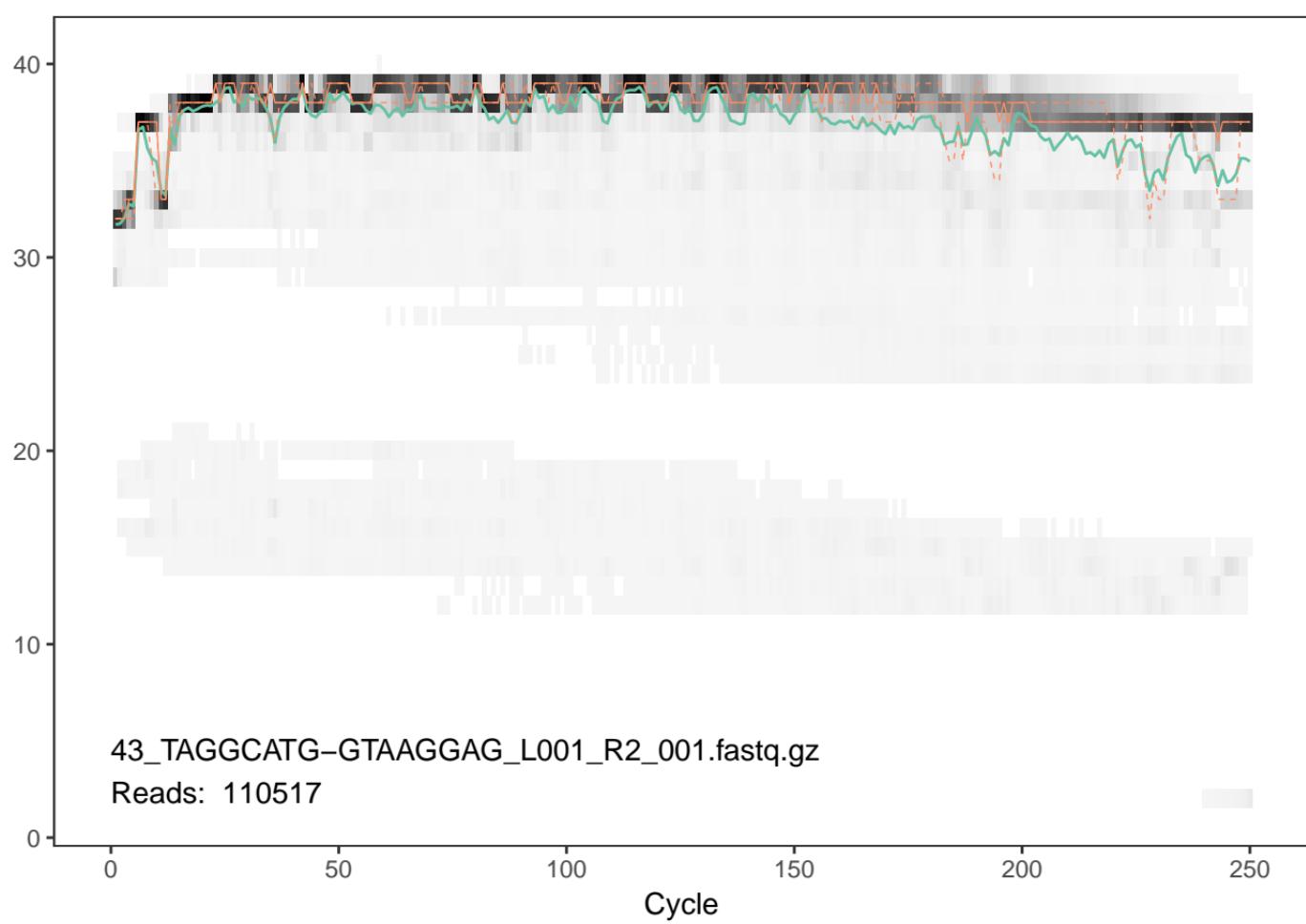
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

44\_TAGGCATG-ACTGCATA\_L001\_R2\_001.fastq.gz

Reads: 149471

0

50

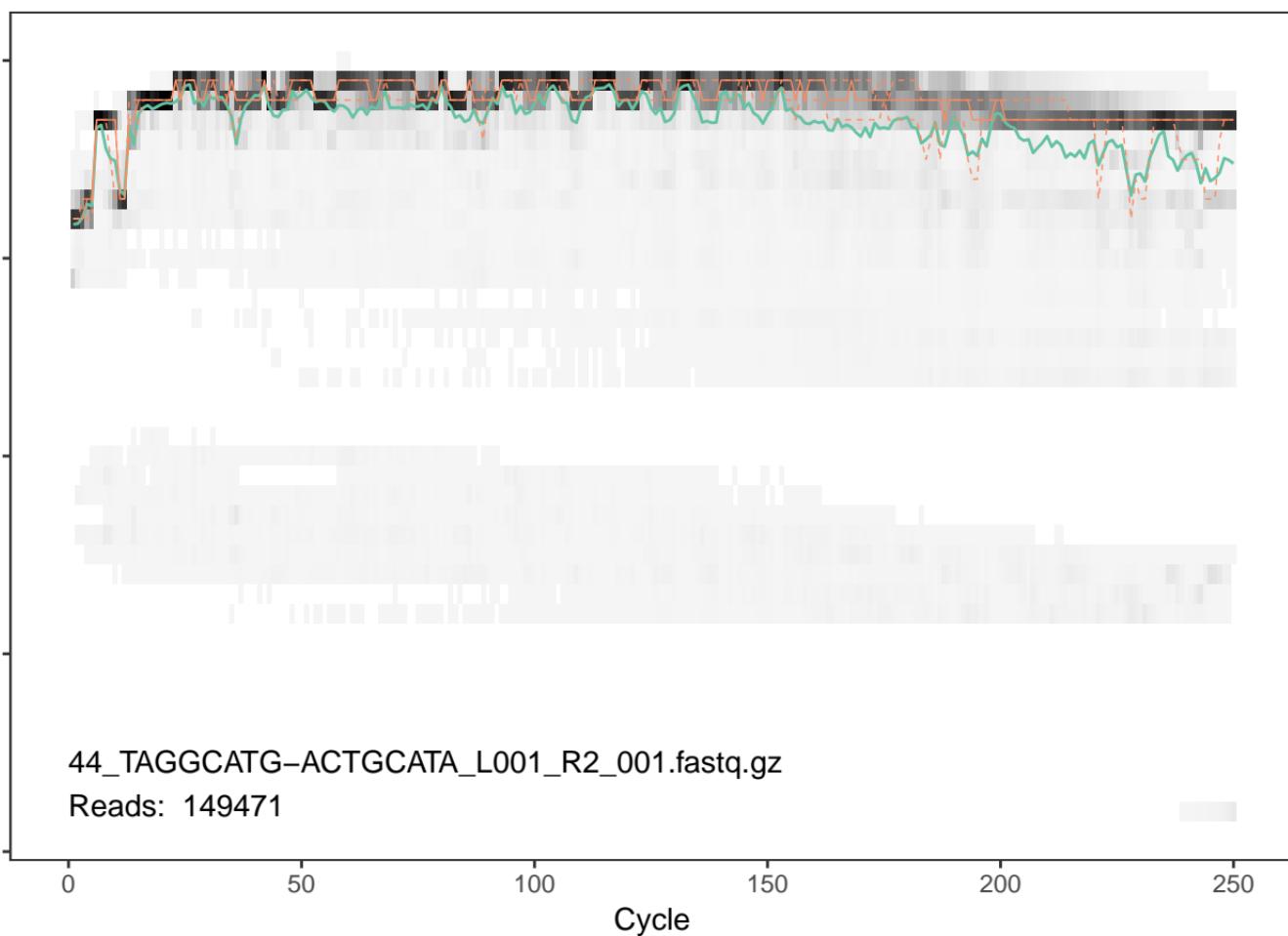
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

10

0

45\_TAGGCATG-AAGGAGTA\_L001\_R2\_001.fastq.gz

Reads: 122345

0

50

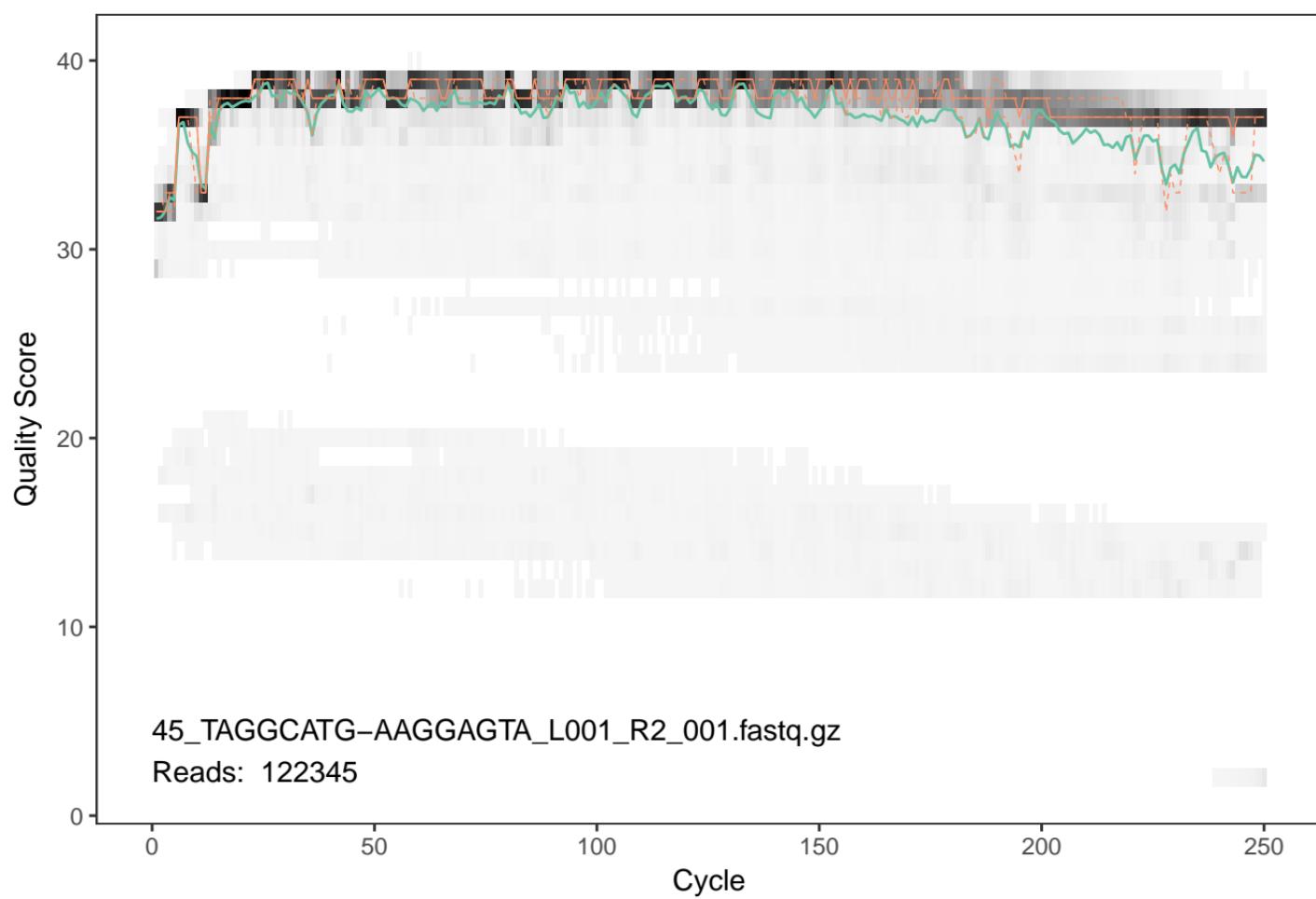
100

150

200

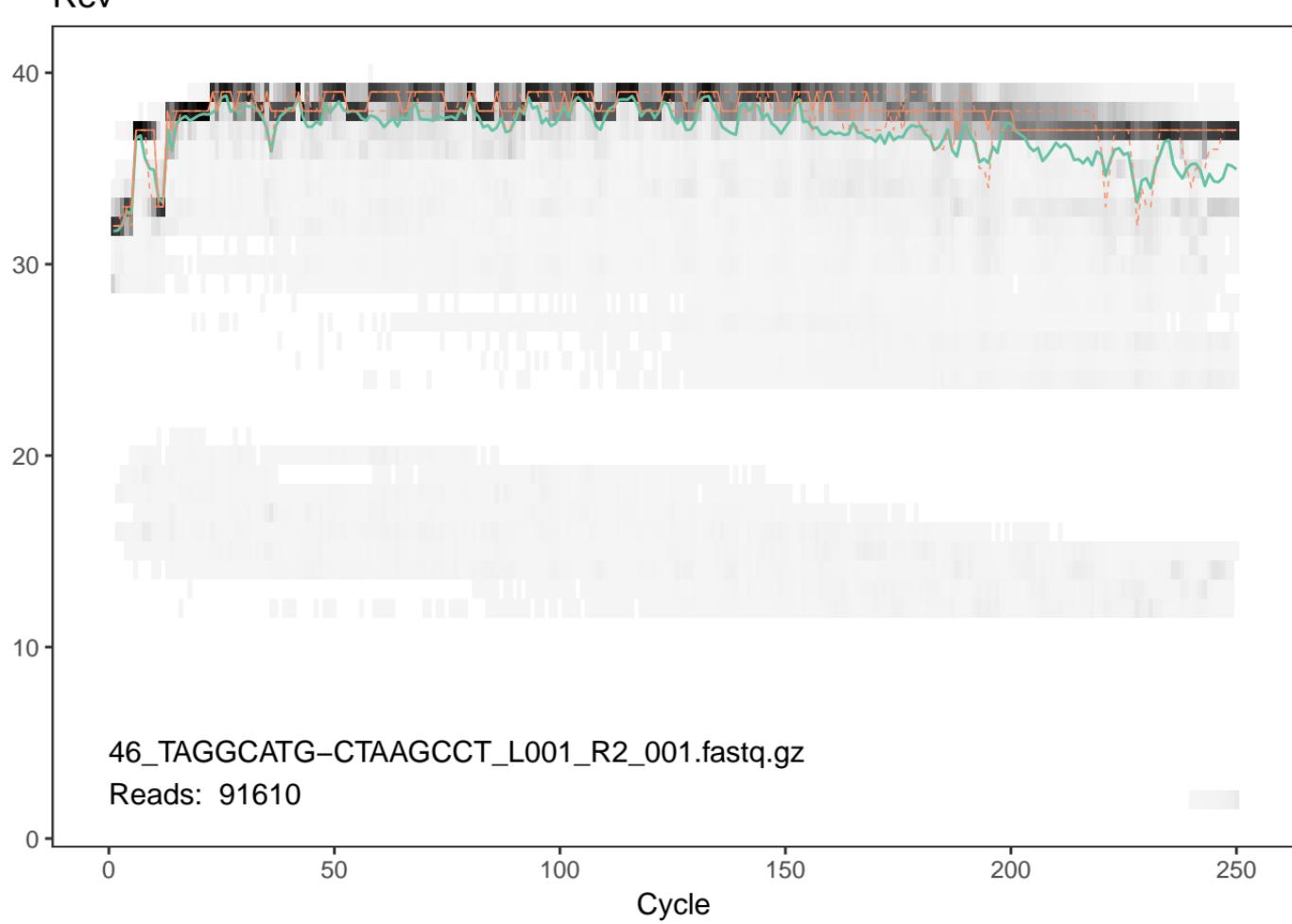
250

Cycle



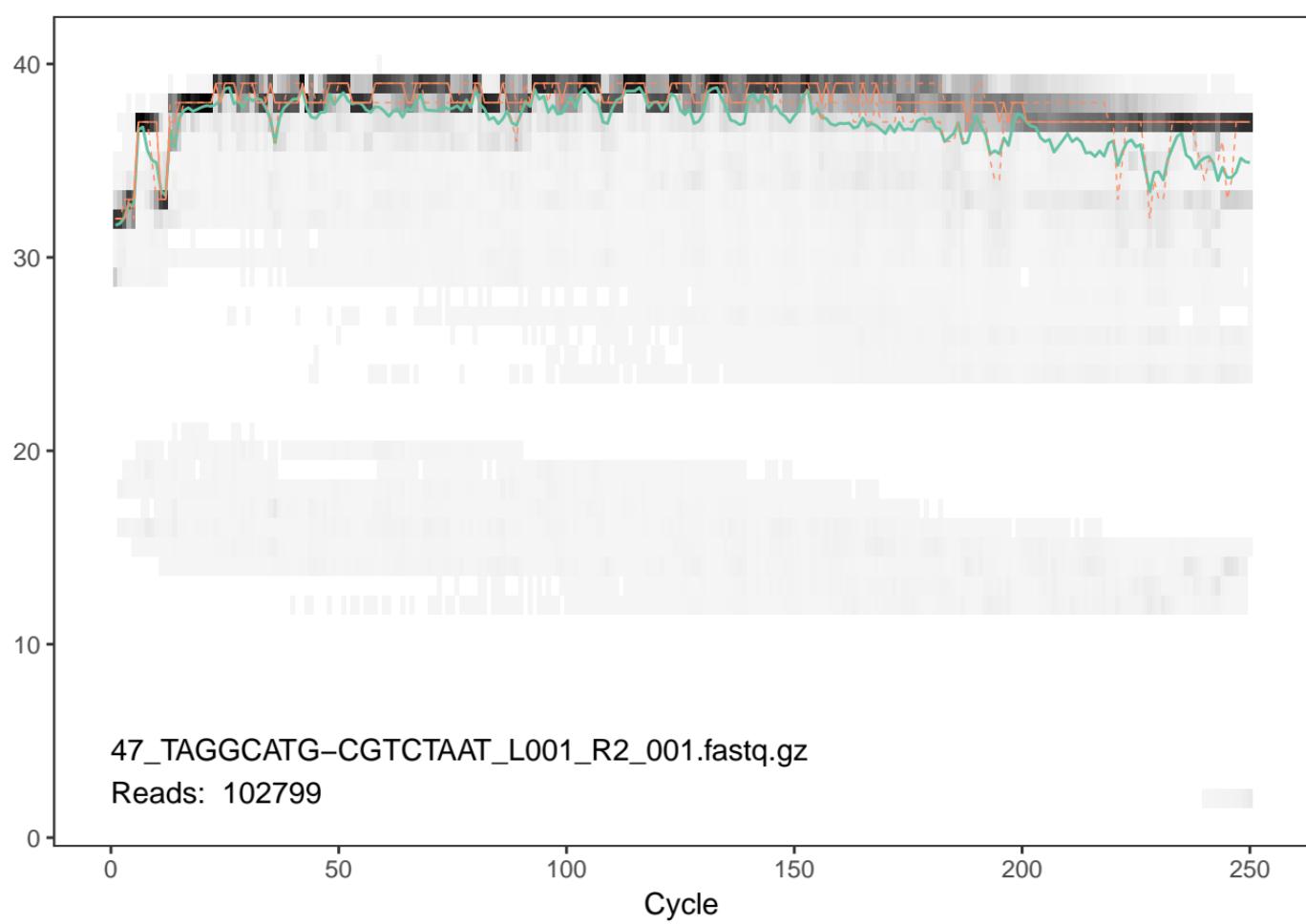
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

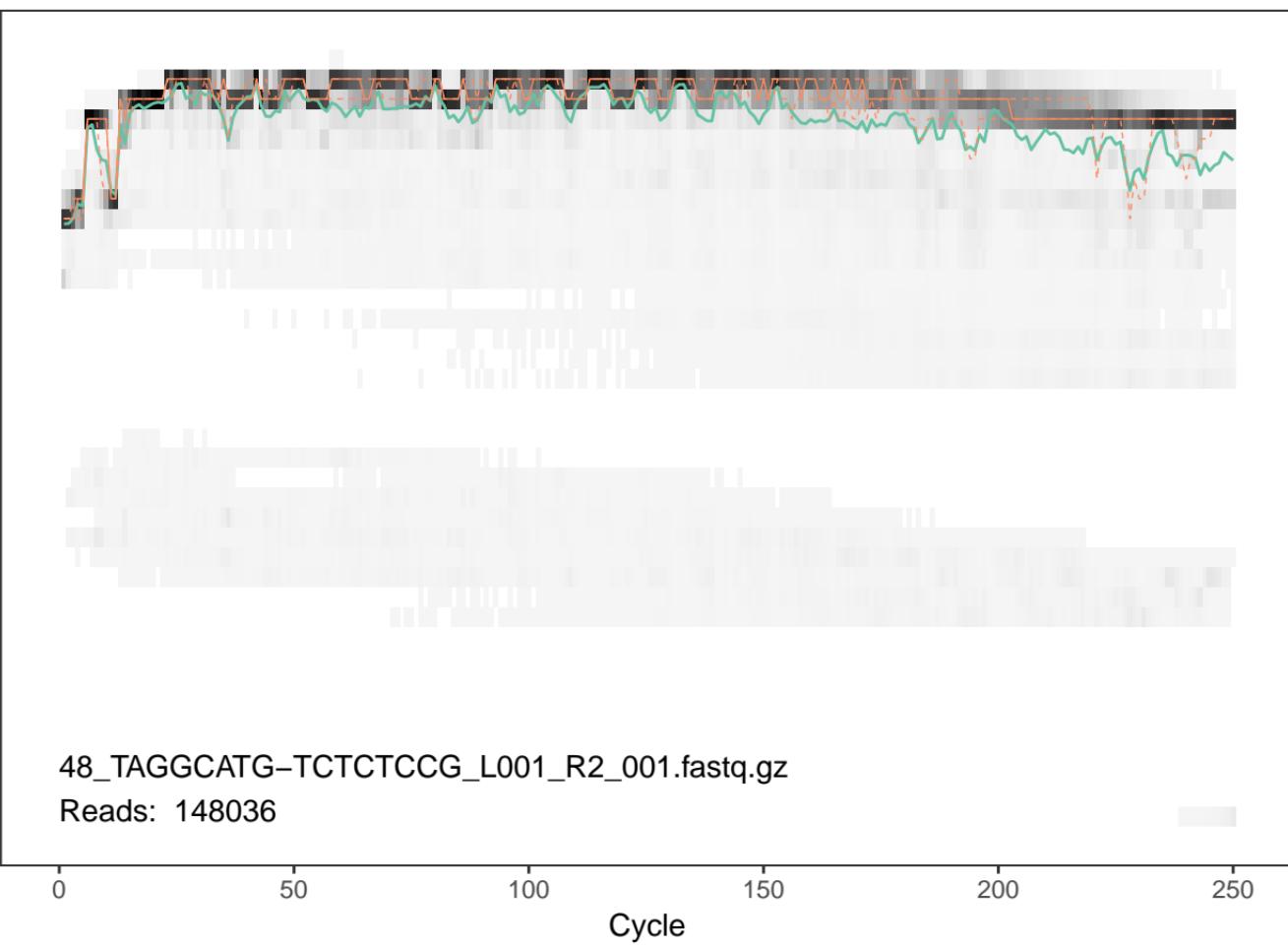
10

0

Cycle

48\_TAGGCATG-TCTCTCCG\_L001\_R2\_001.fastq.gz

Reads: 148036



Rev

Quality Score

40

30

20

10

0

50

100

150

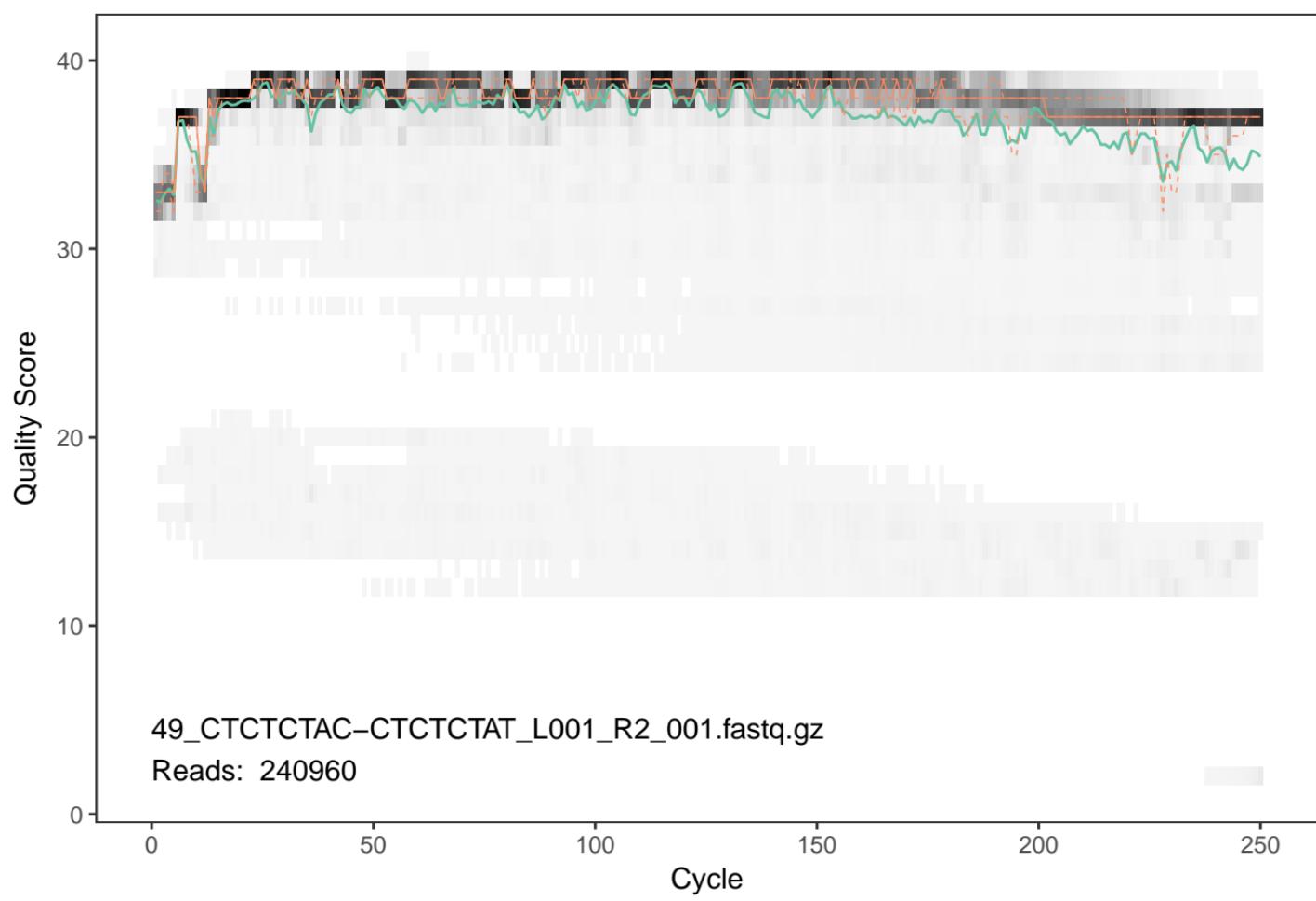
200

250

Cycle

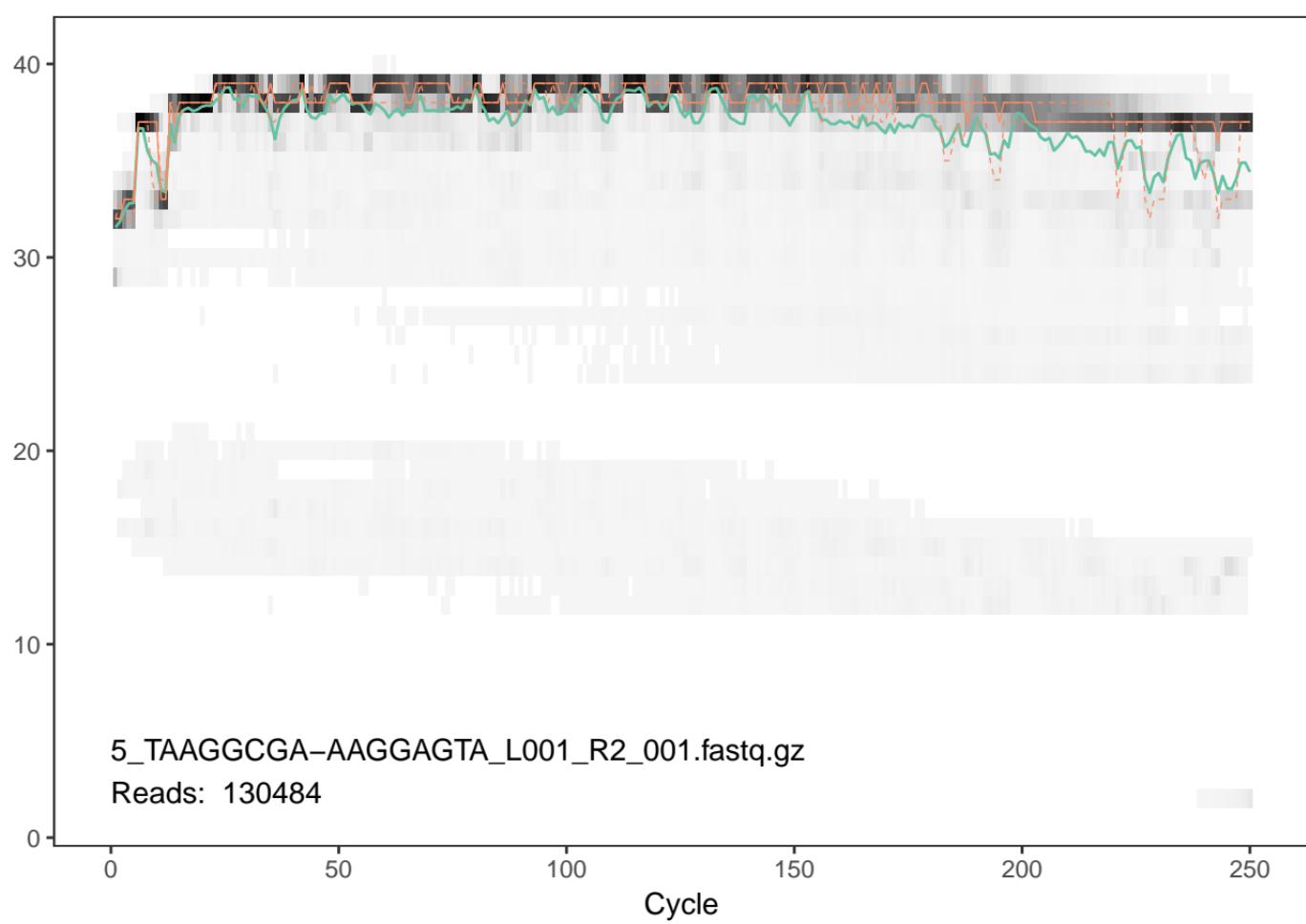
49\_CTCTCTAC-CTCTCTAT\_L001\_R2\_001.fastq.gz

Reads: 240960



Rev

Quality Score



Rev

Quality Score

40

30

20

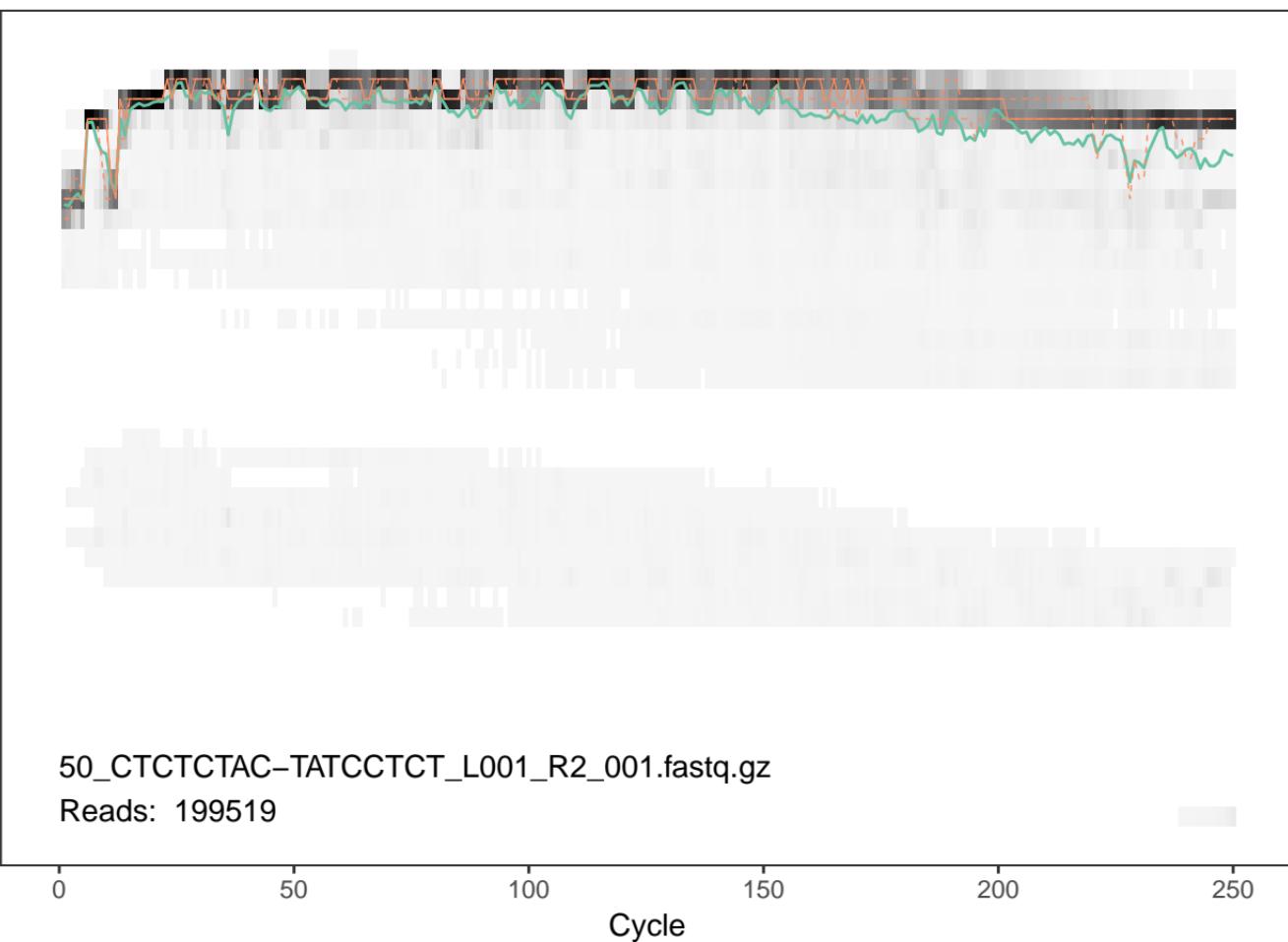
10

0

Cycle

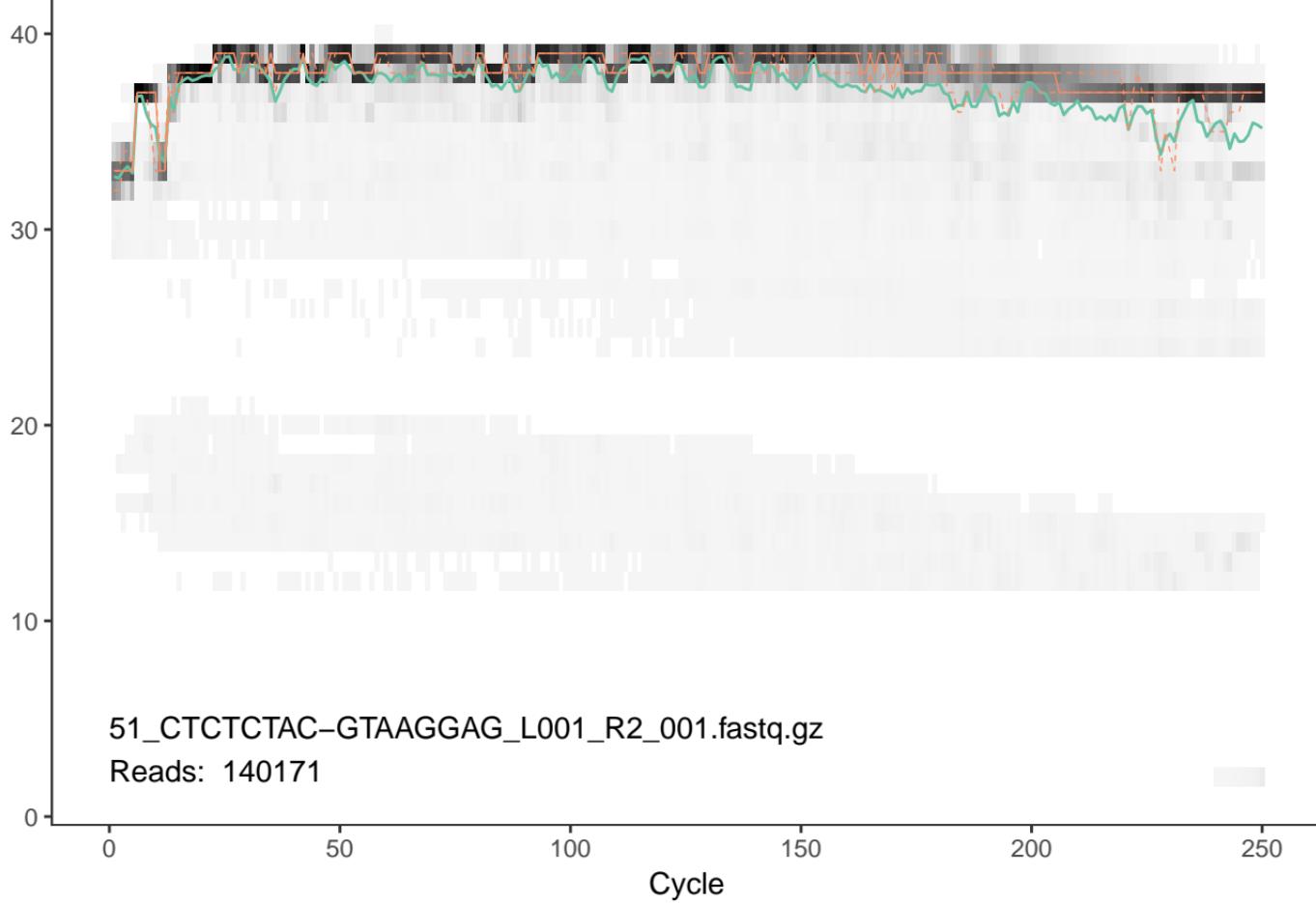
50\_CTCCTAC-TATCCTCT\_L001\_R2\_001.fastq.gz

Reads: 199519



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

52\_C TCTCTAC-ACTGCATA\_L001\_R2\_001.fastq.gz

Reads: 182926

0

50

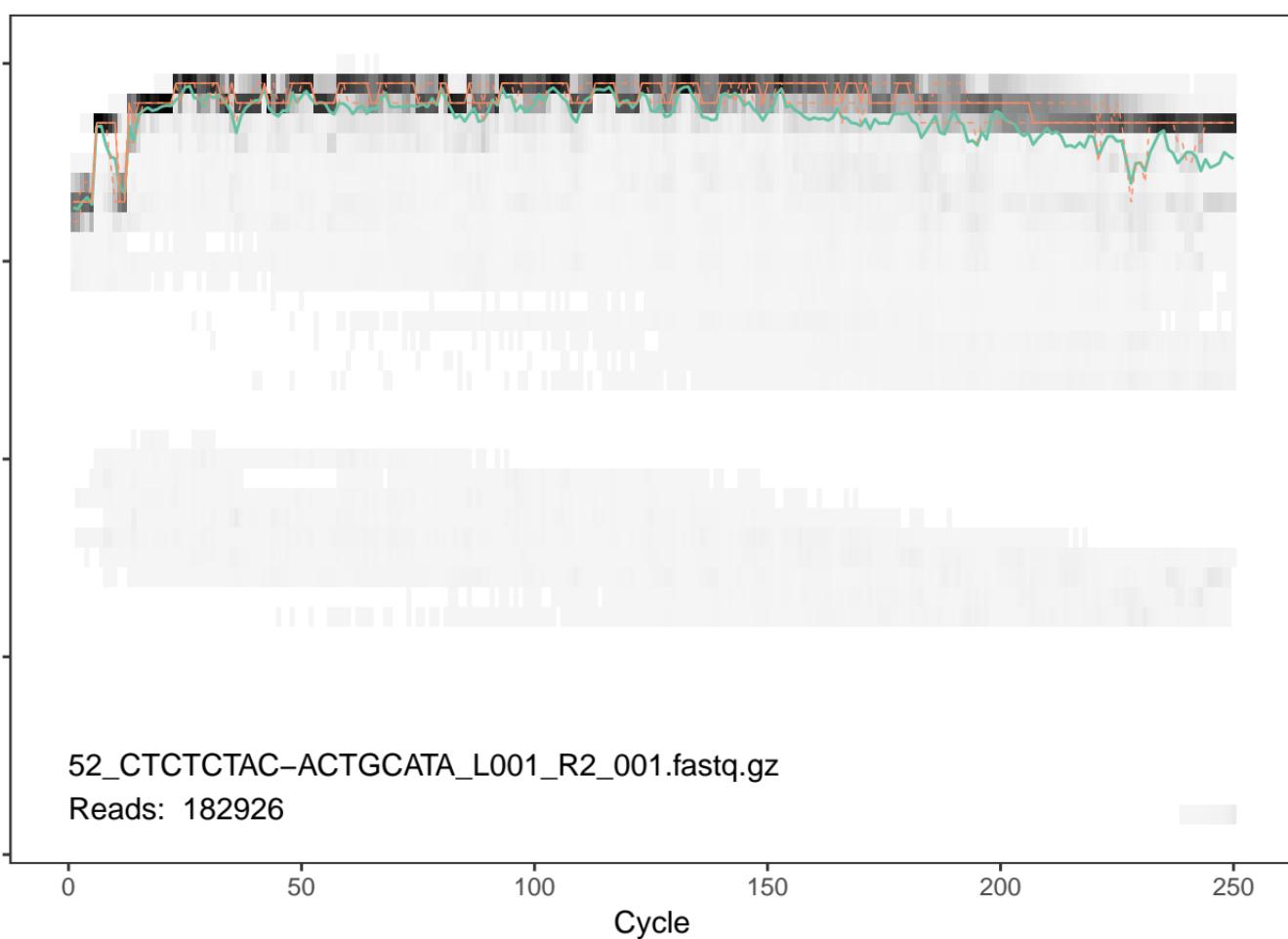
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

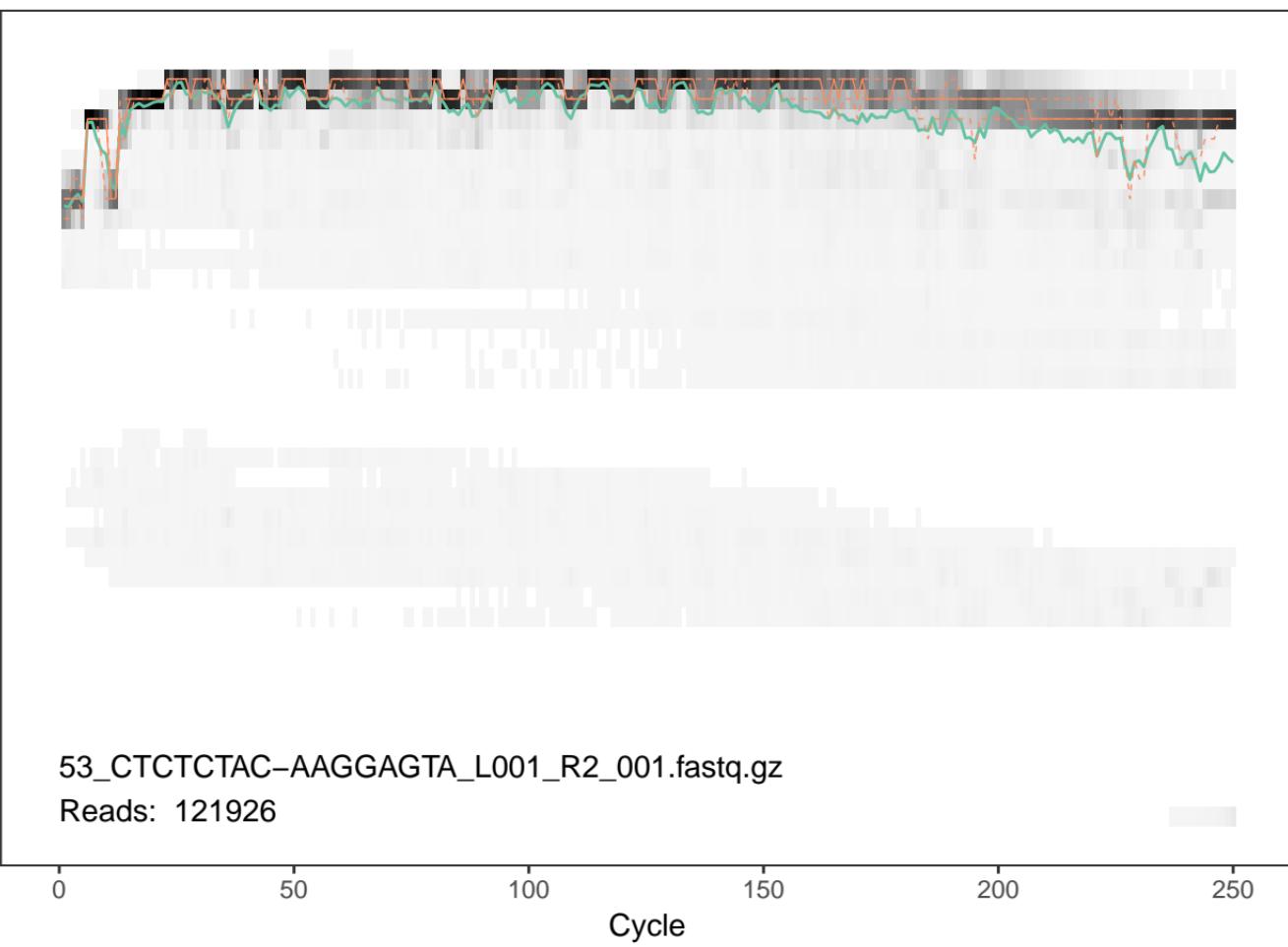
10

0

Cycle

53\_C TCTCTAC-AAGGAGTA\_L001\_R2\_001.fastq.gz

Reads: 121926



Rev

Quality Score

40

30

20

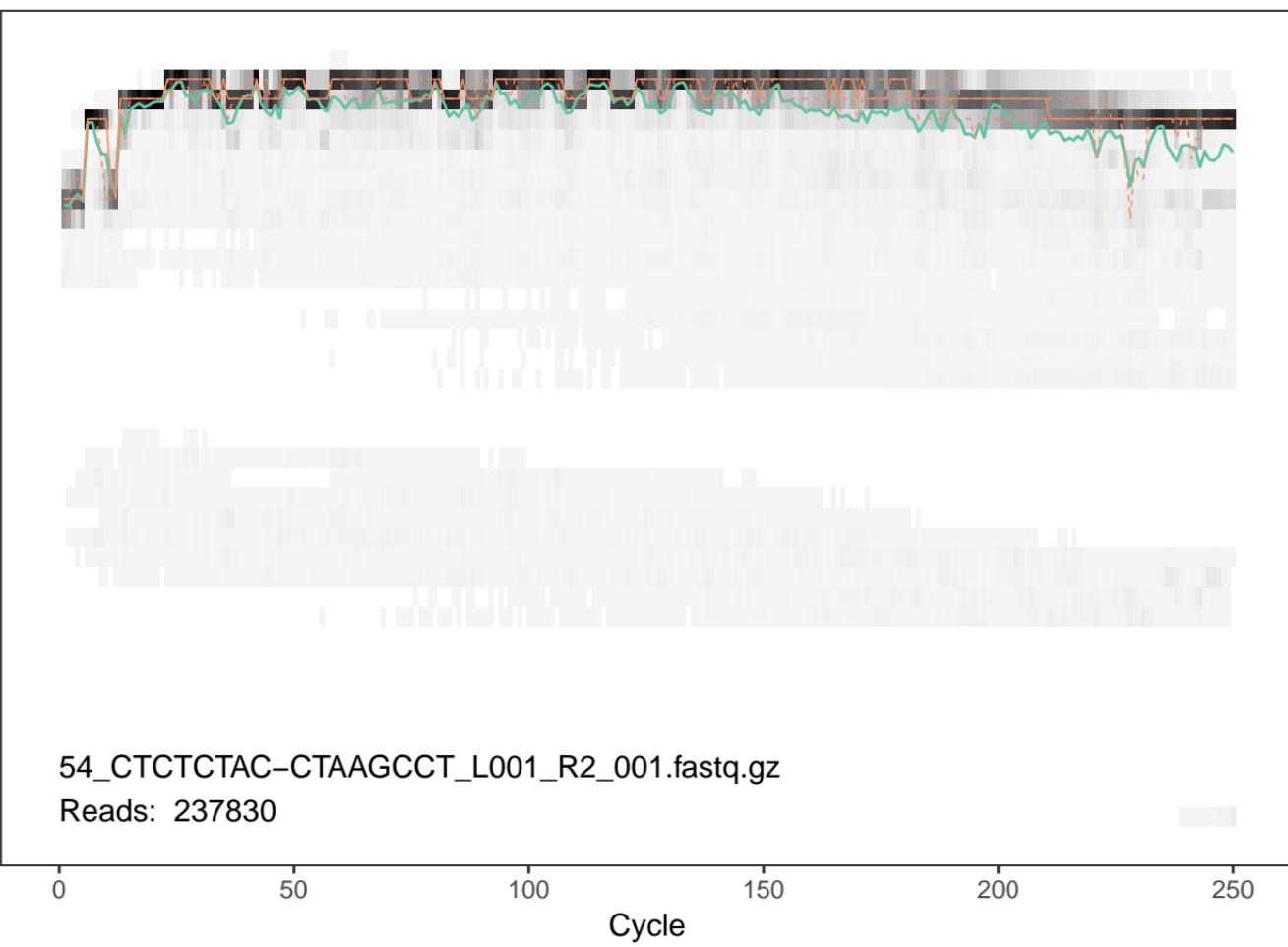
10

0

Cycle

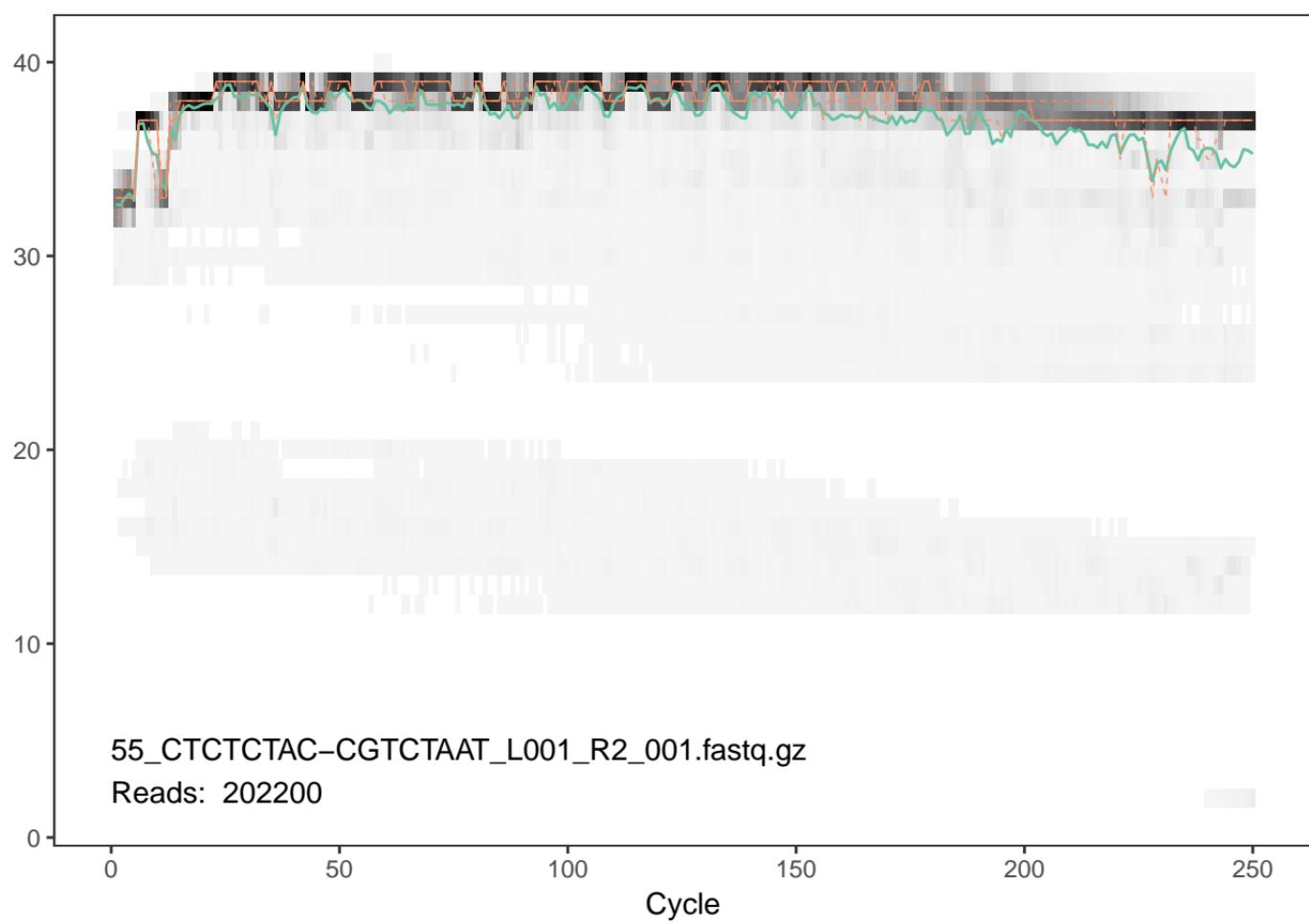
54\_CTCTCTAC-CTAAGCCT\_L001\_R2\_001.fastq.gz

Reads: 237830



Rev

Quality Score



Rev

Quality Score

40

30

20

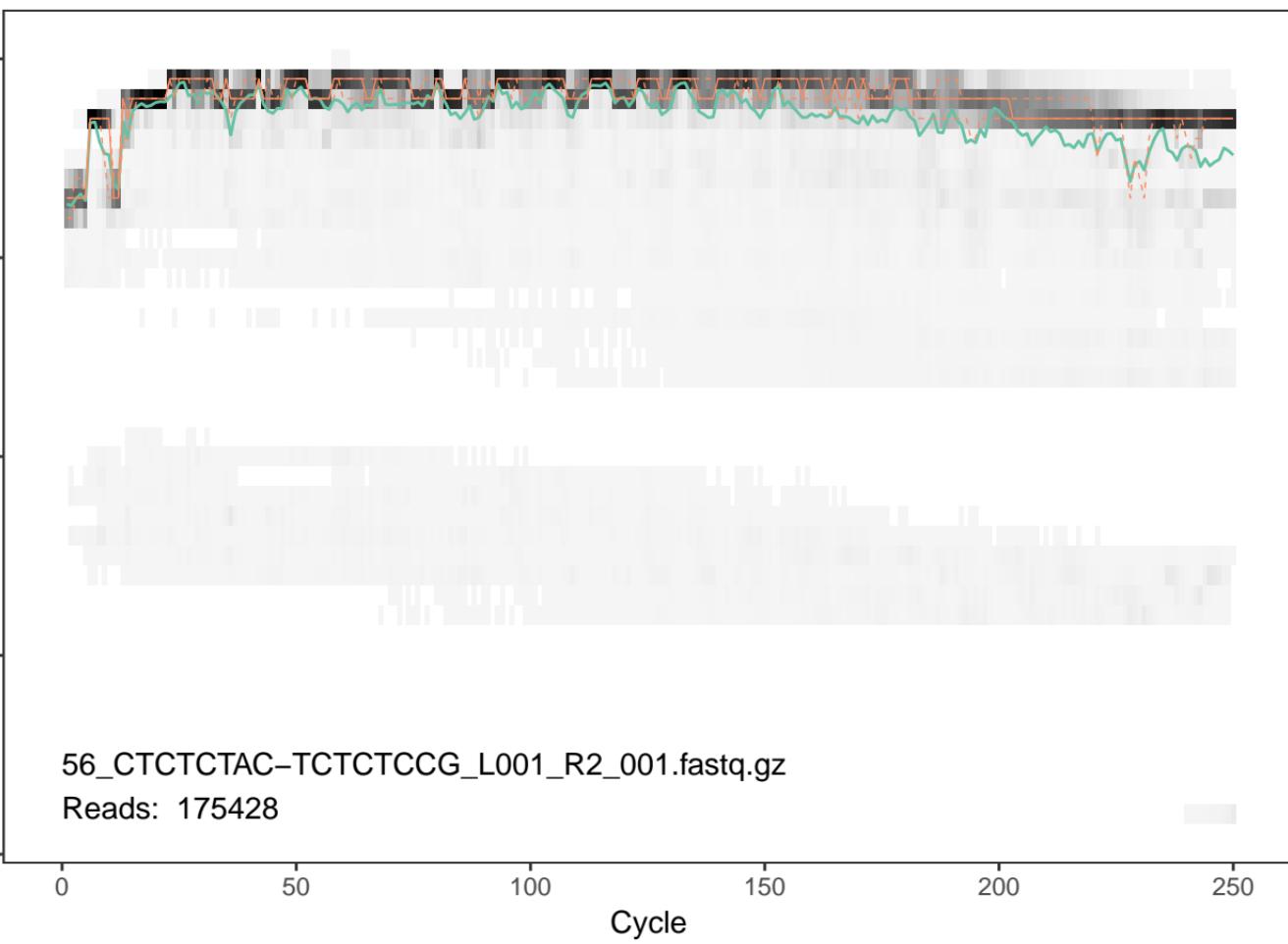
10

0

Cycle

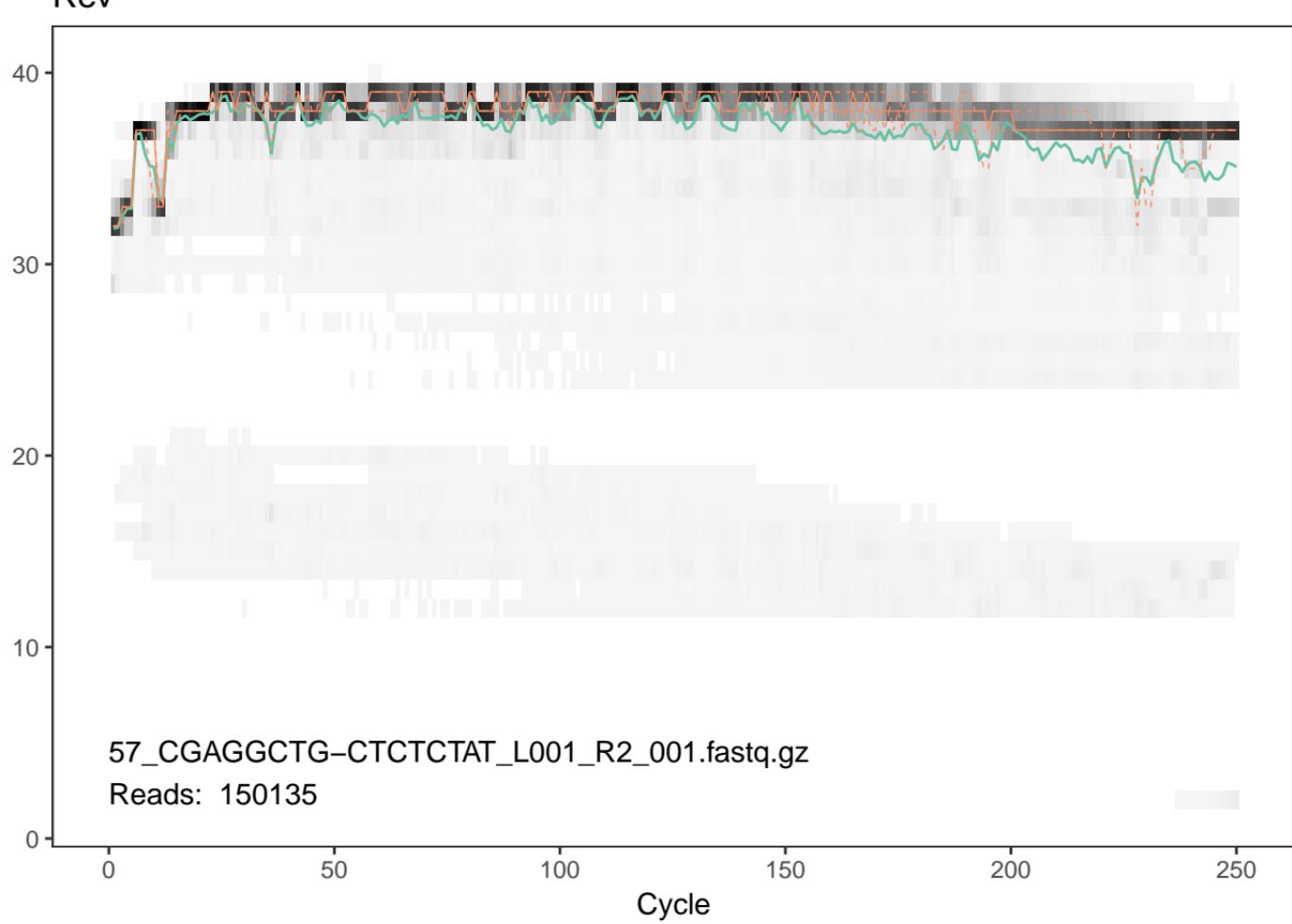
56\_C TCTCTAC-TCTCTCCG\_L001\_R2\_001.fastq.gz

Reads: 175428



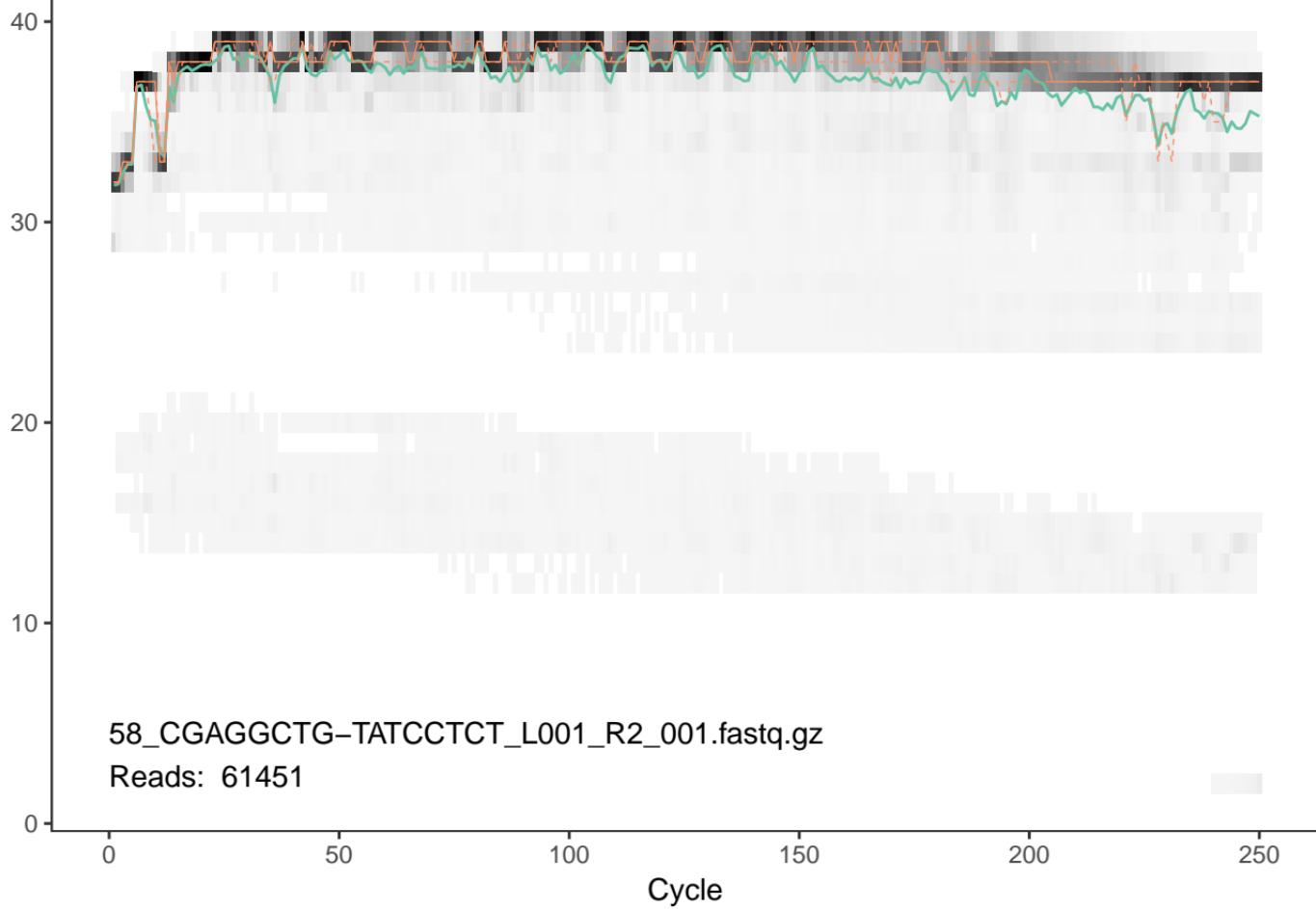
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

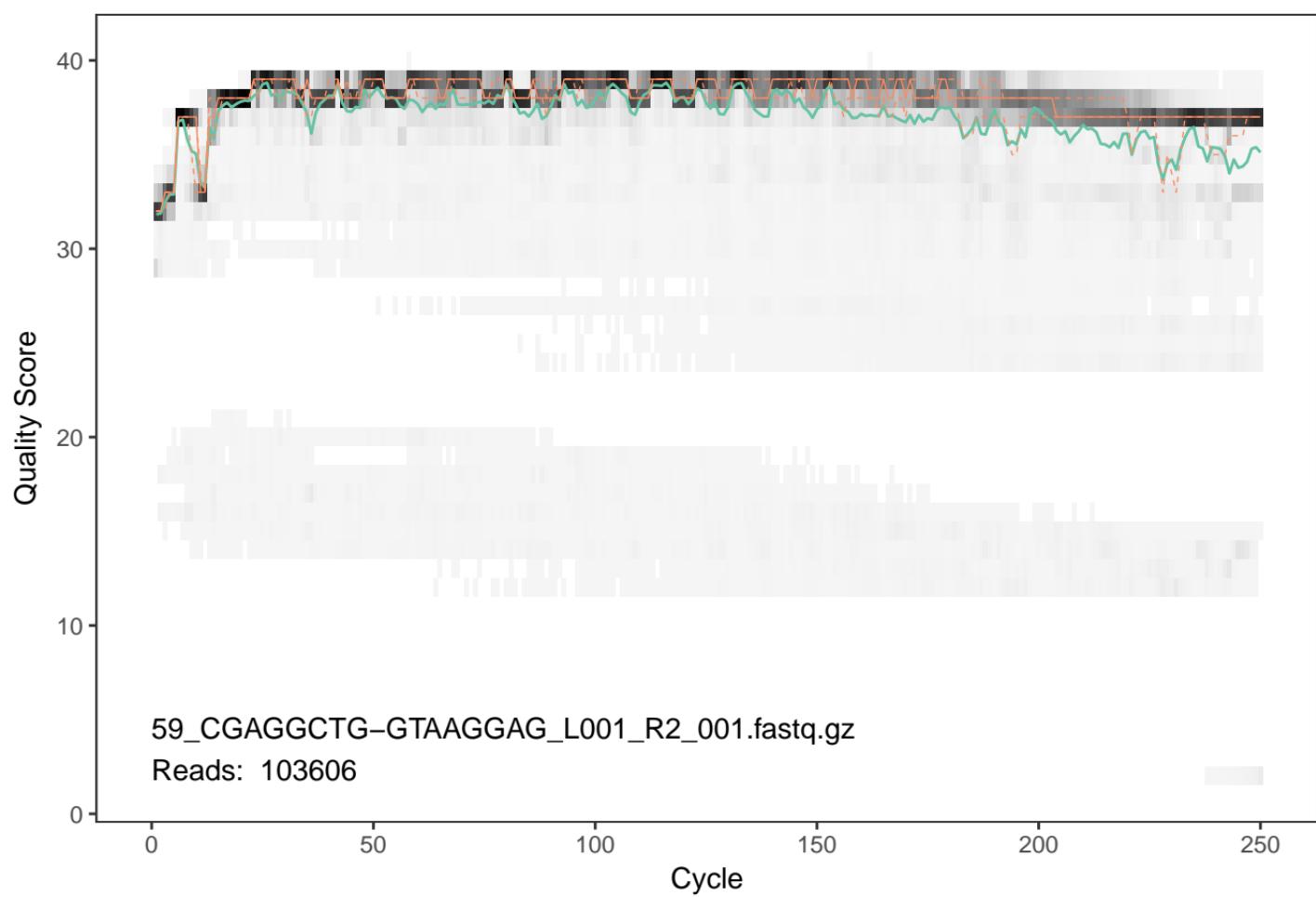
200

250

Cycle

59\_CGAGGCTG-GTAAGGAG\_L001\_R2\_001.fastq.gz

Reads: 103606



Rev

Quality Score

40

30

20

10

0

6\_TAAGGCGA-CTAACGCCT\_L001\_R2\_001.fastq.gz

Reads: 113704

0

50

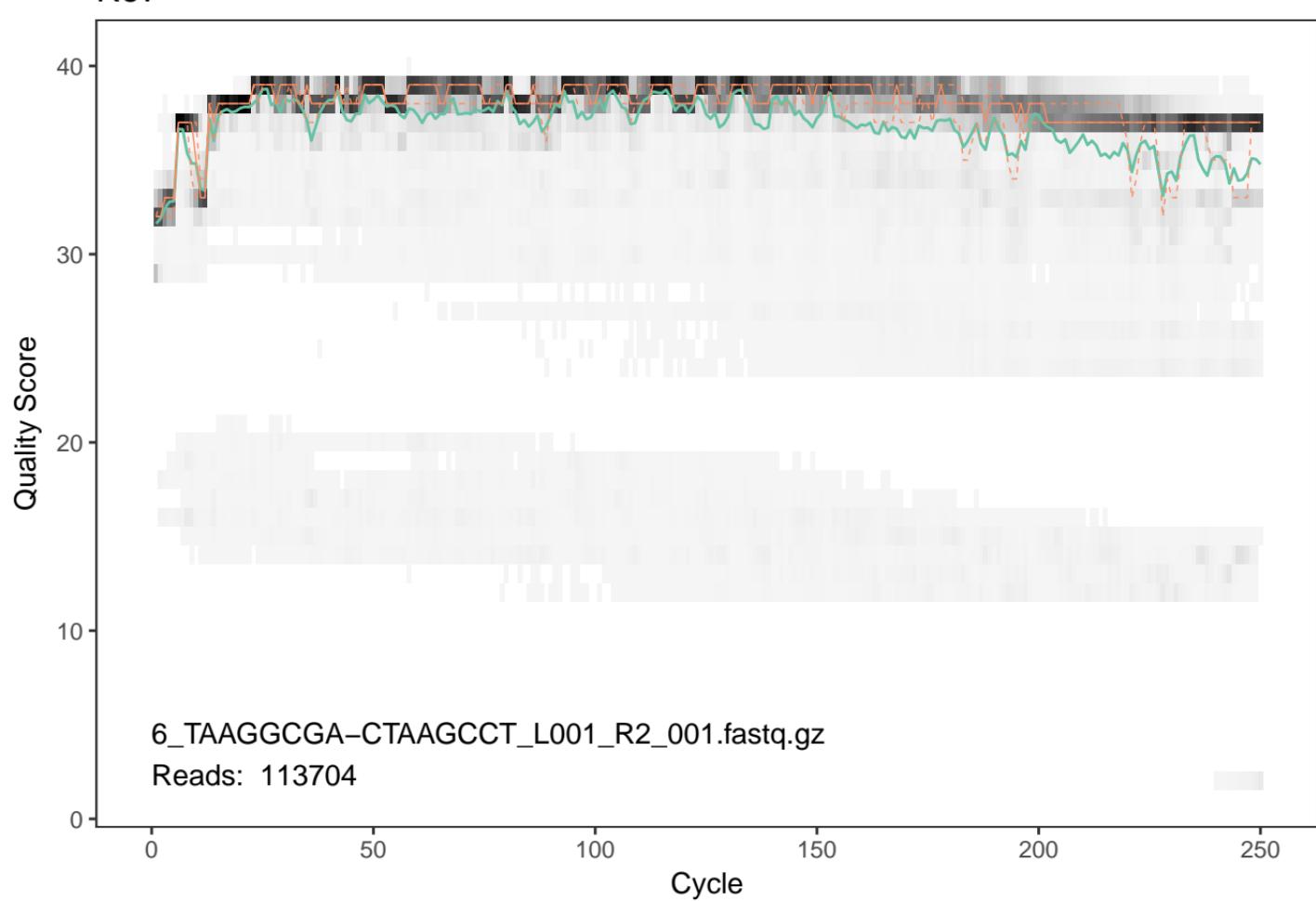
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

10

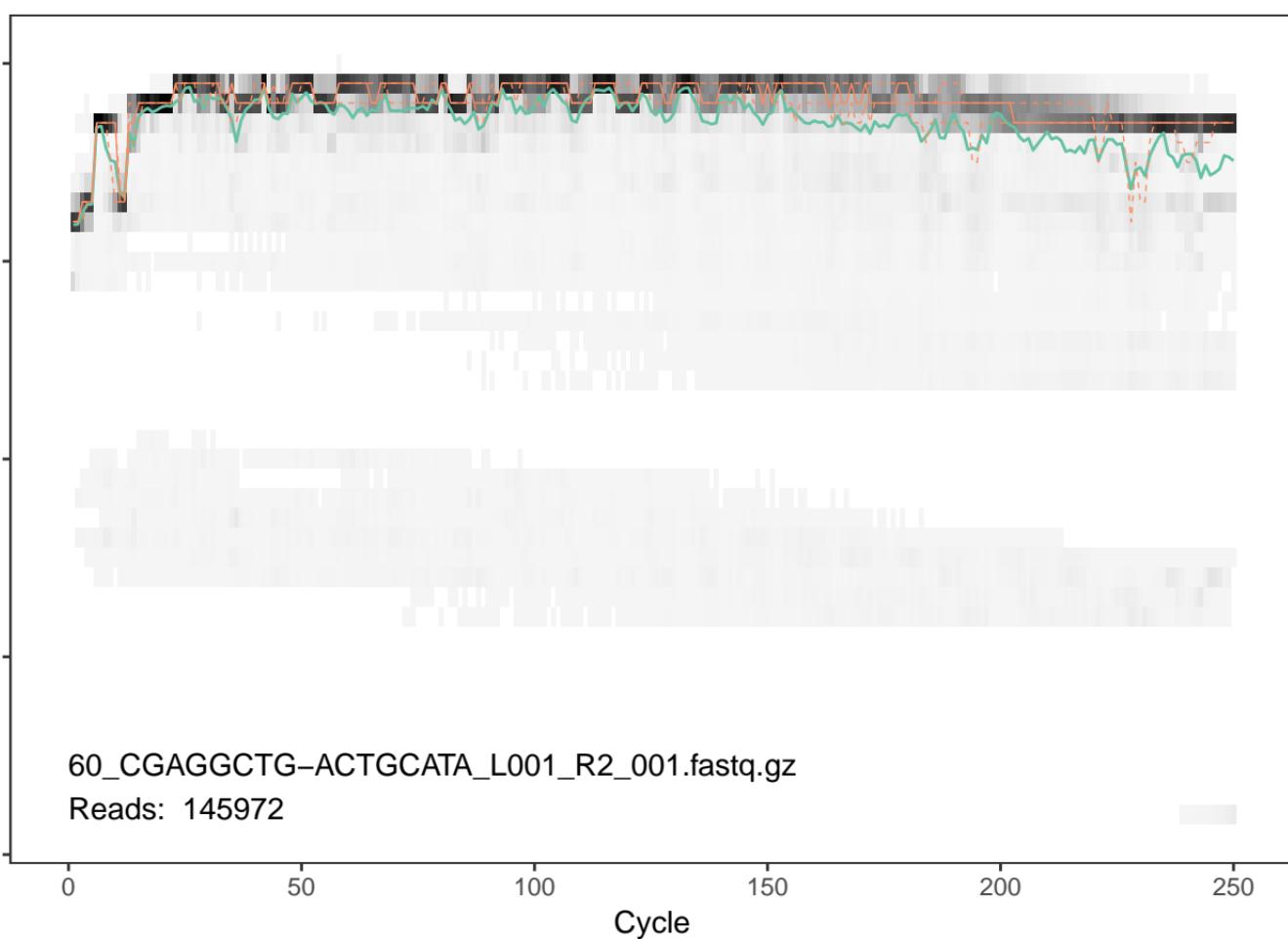
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60\_CGAGGCTG-ACTGCATA\_L001\_R2\_001.fastq.gz

Reads: 145972

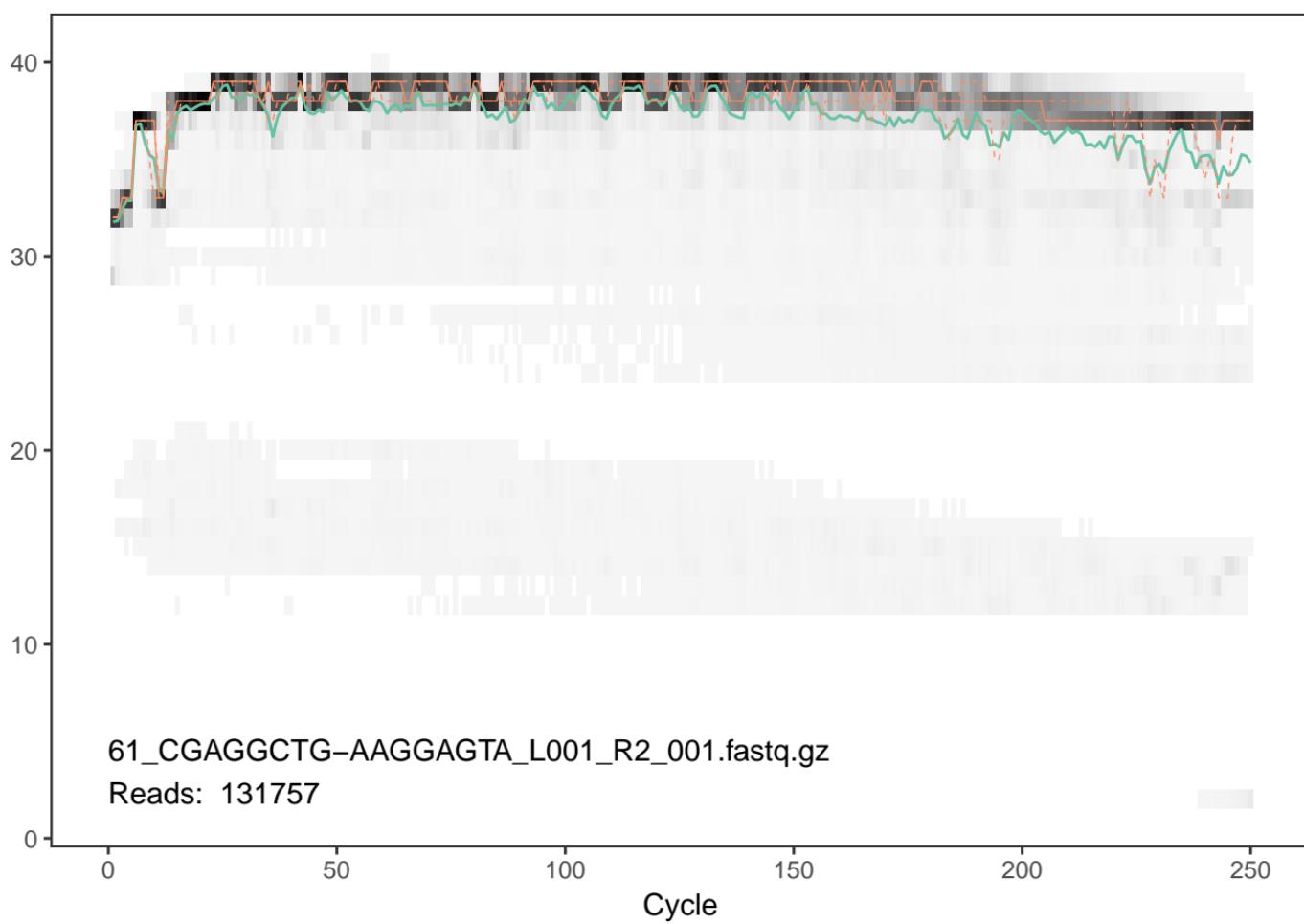
Cycle

0 50 100 150 200 250



Rev

Quality Score



Rev

Quality Score

40

30

20

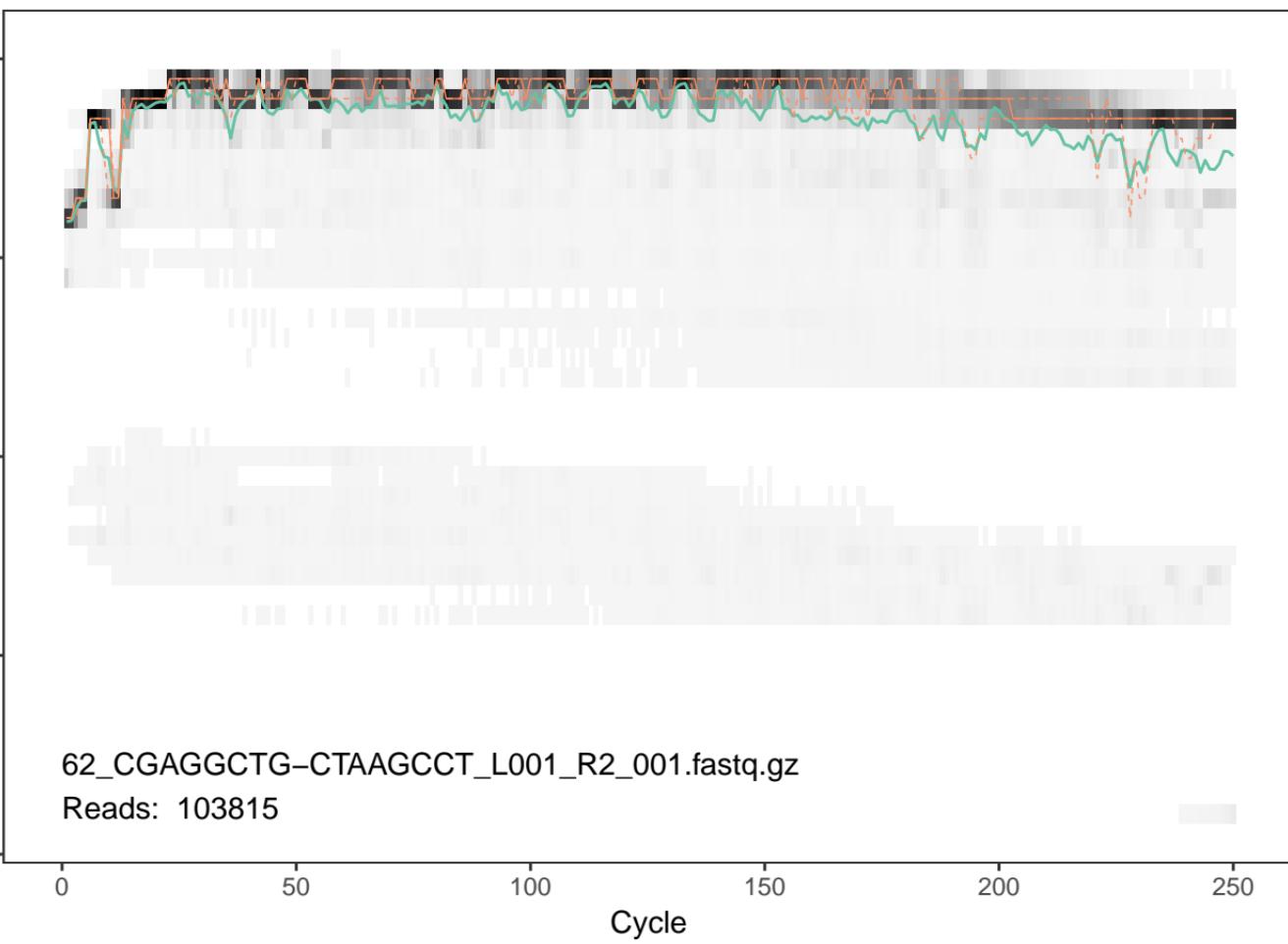
10

0

Cycle

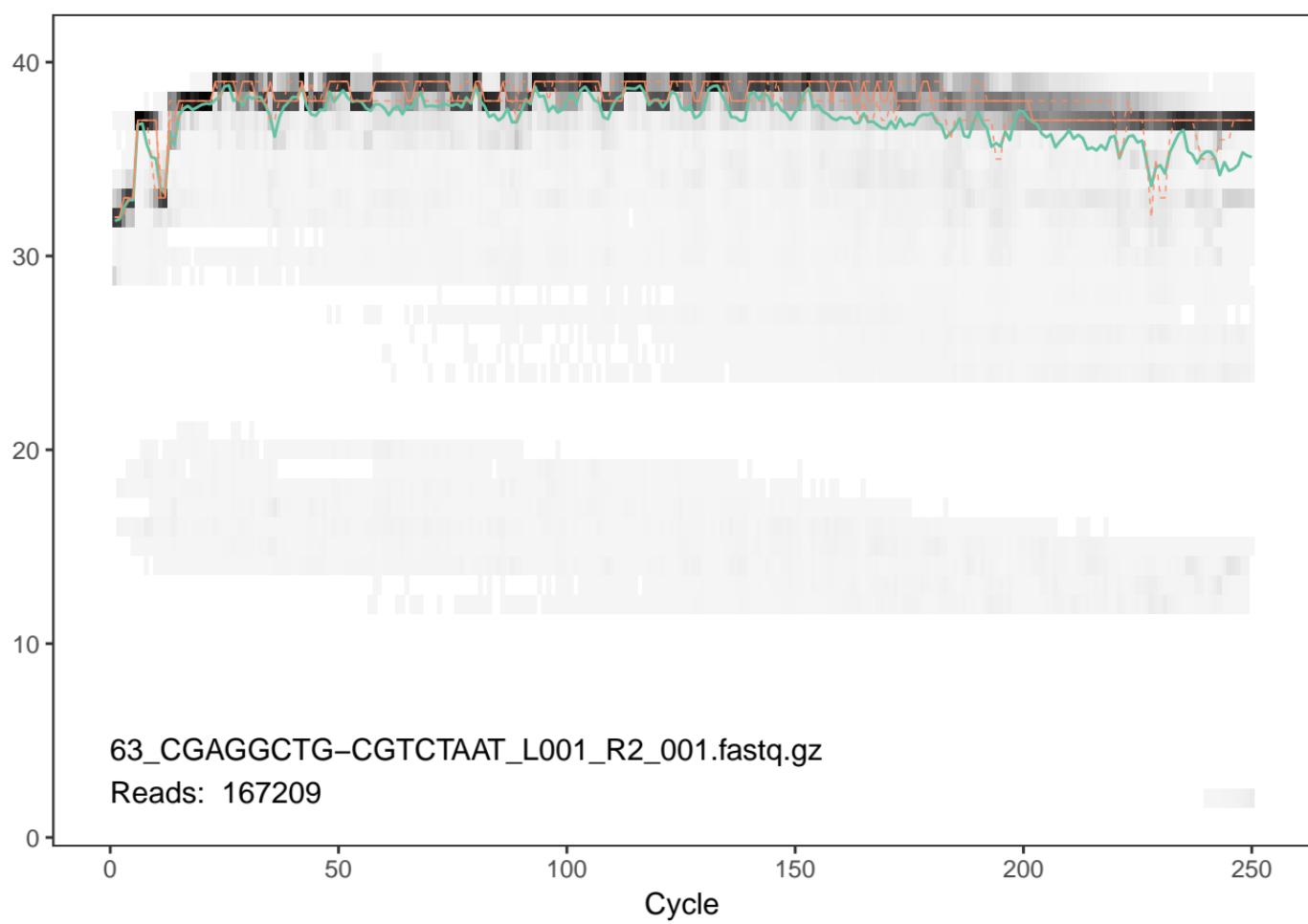
62\_CGAGGCTG-CTAAGCCT\_L001\_R2\_001.fastq.gz

Reads: 103815



Rev

Quality Score



Rev

Quality Score

40

30

20

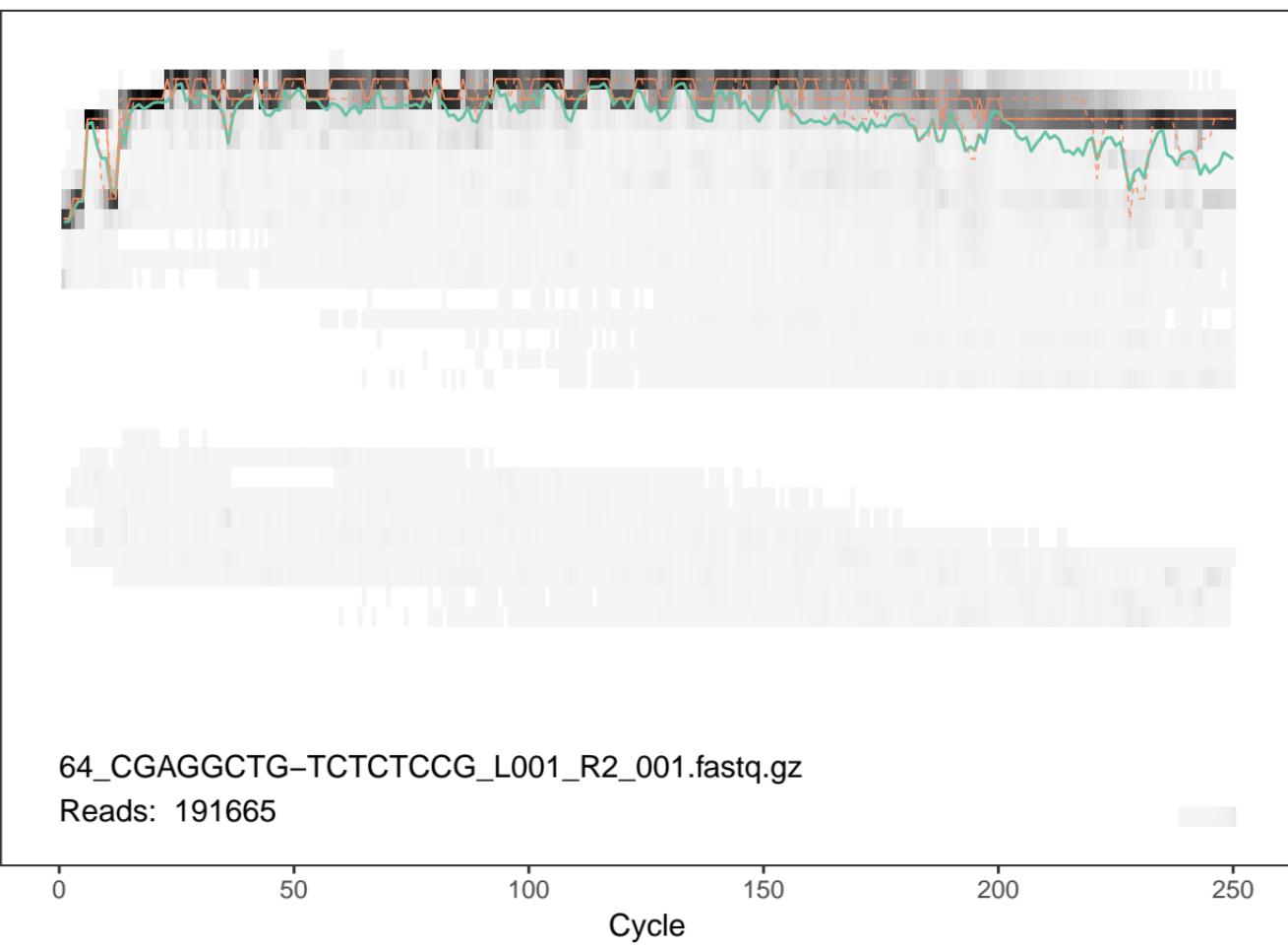
10

0

Cycle

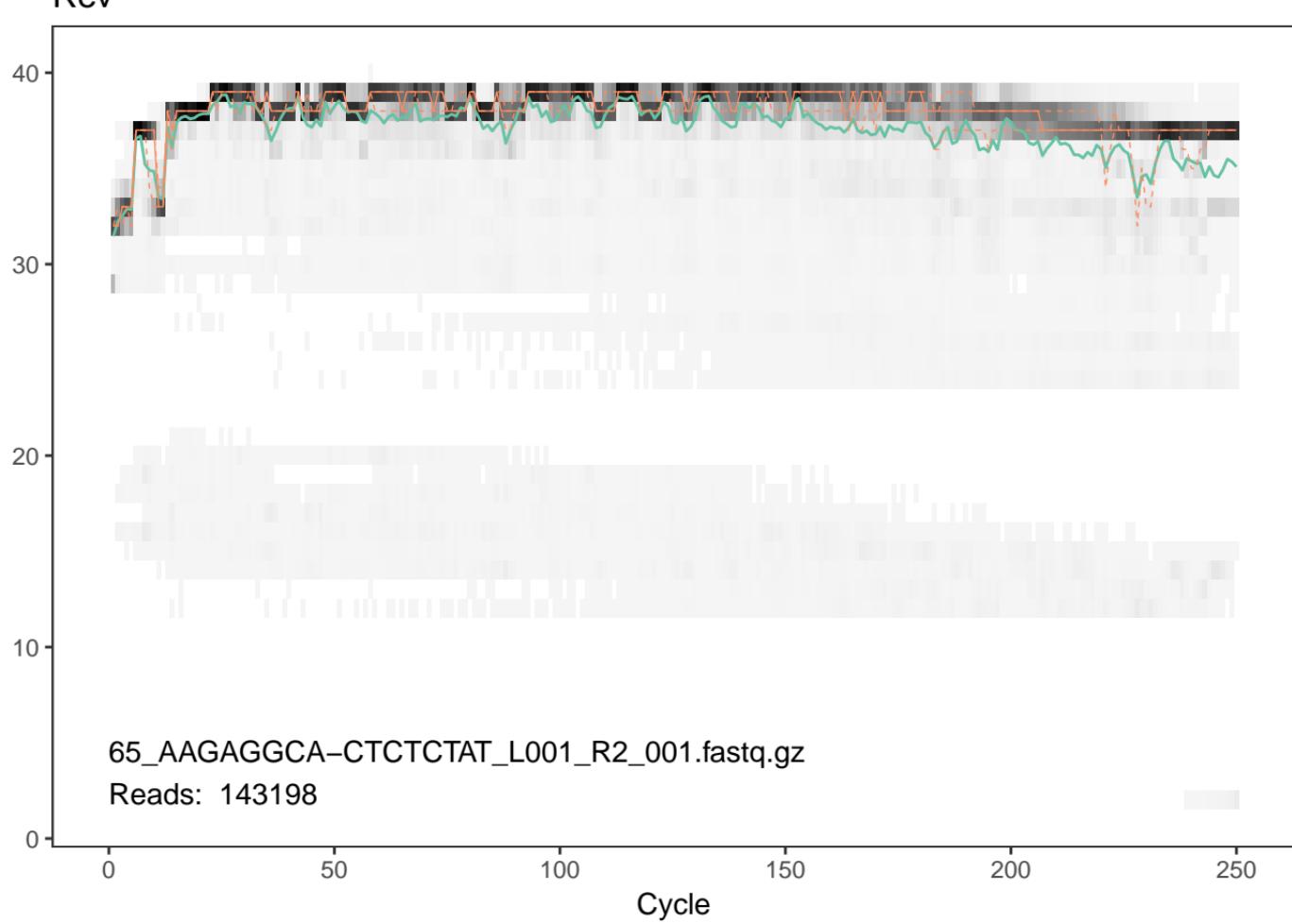
64(CGAGGCTG-TCTCTCCG)\_L001\_R2\_001.fastq.gz

Reads: 191665



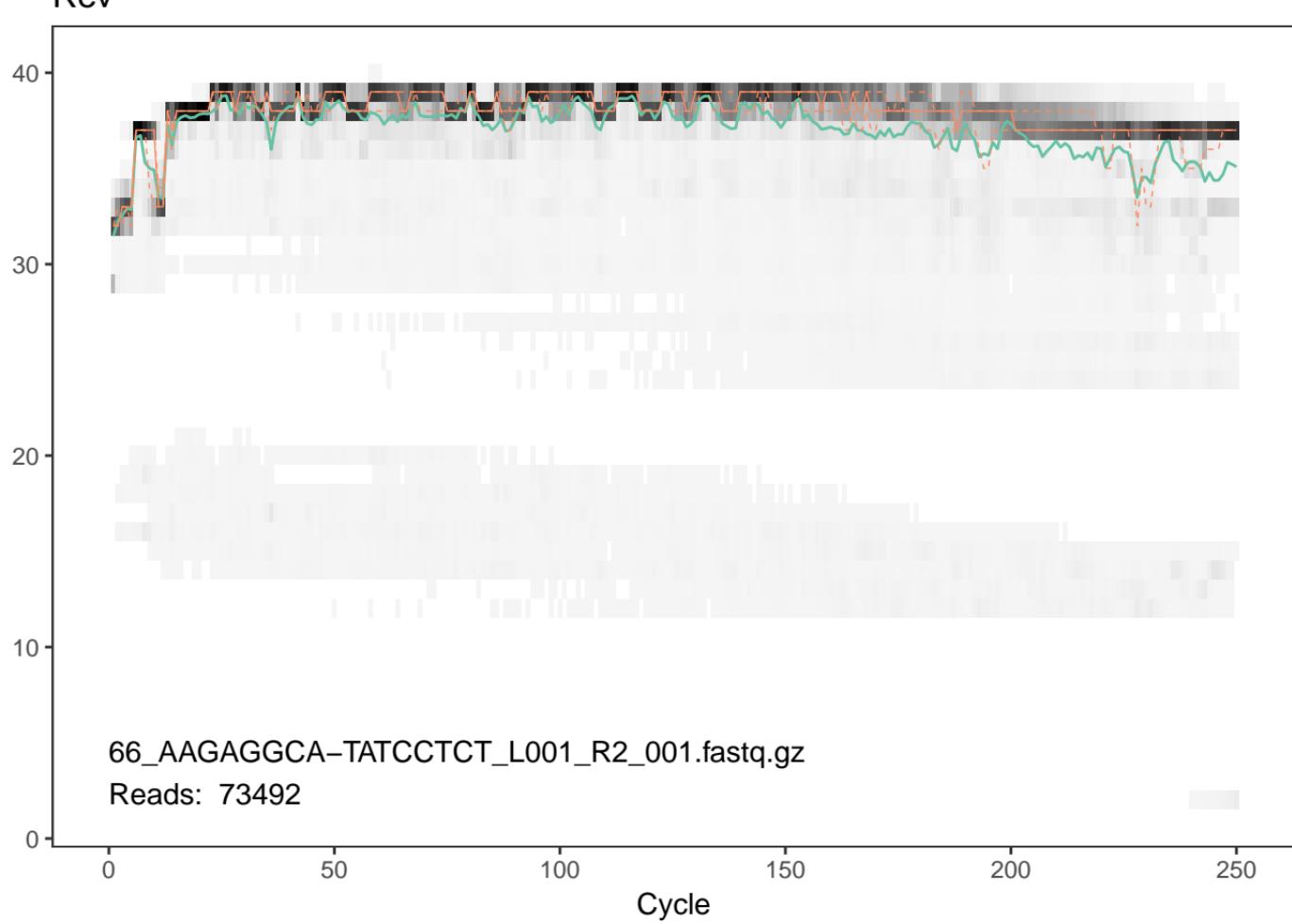
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

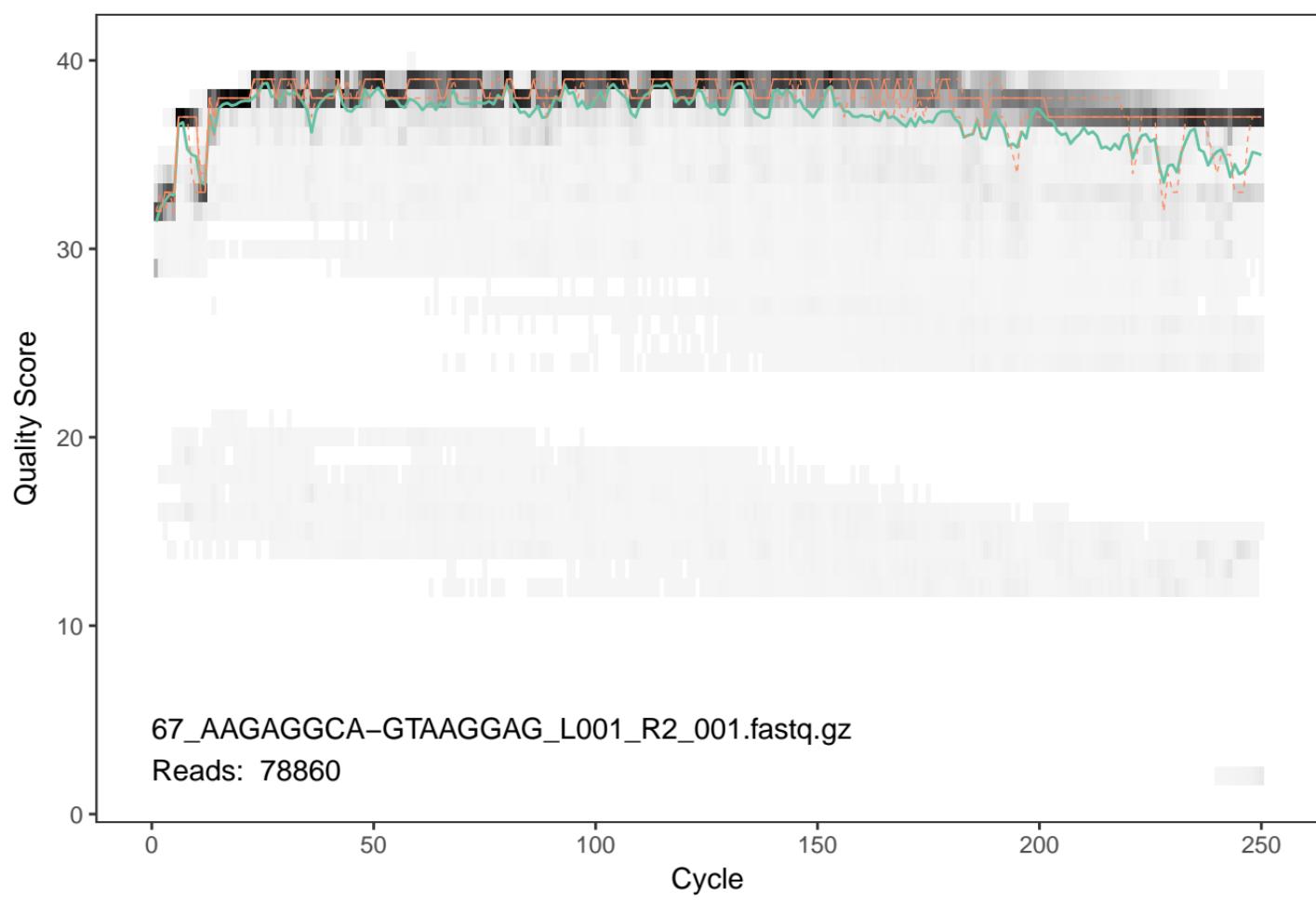
200

250

Cycle

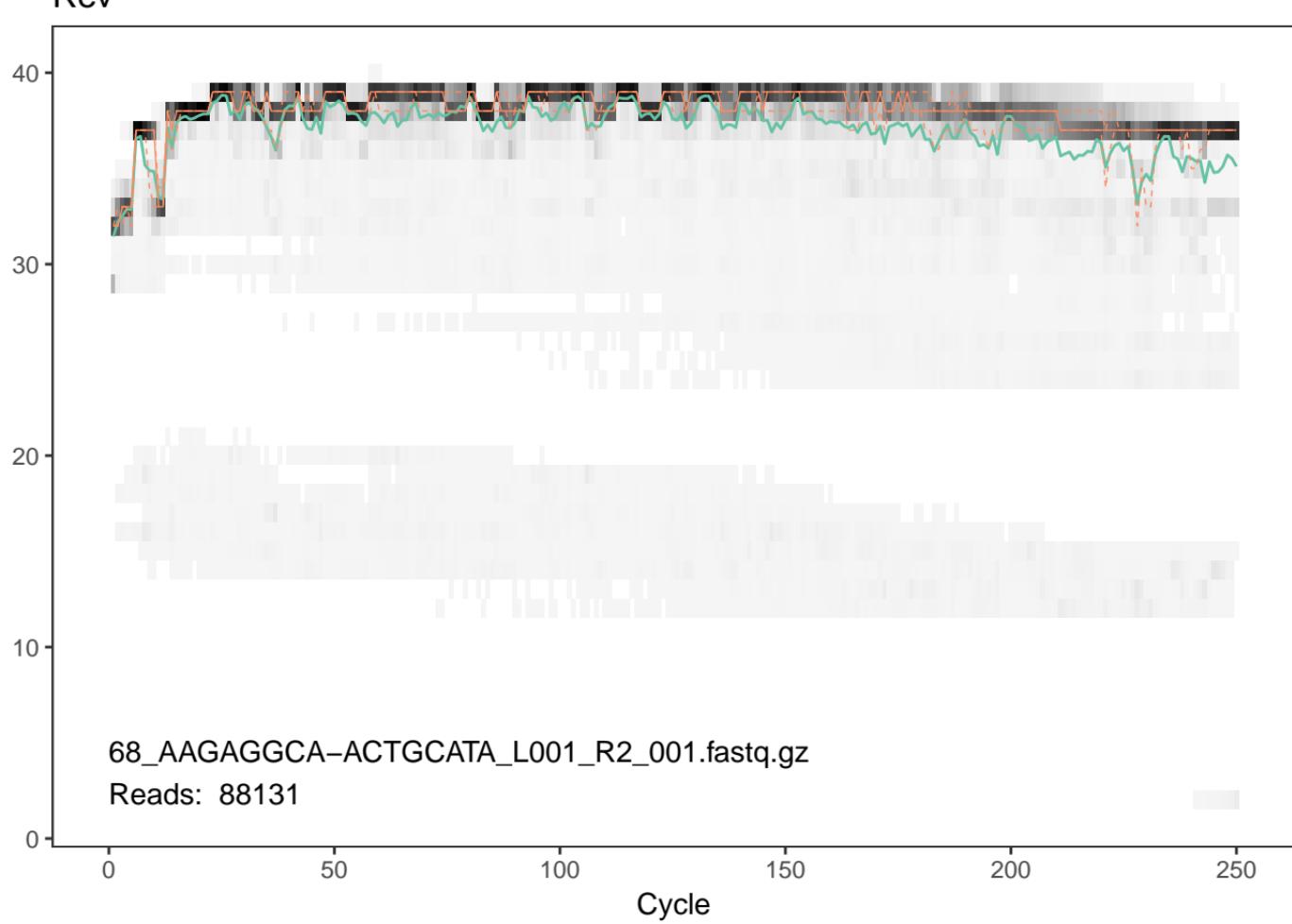
67\_AAGAGGCA-GTAAGGAG\_L001\_R2\_001.fastq.gz

Reads: 78860



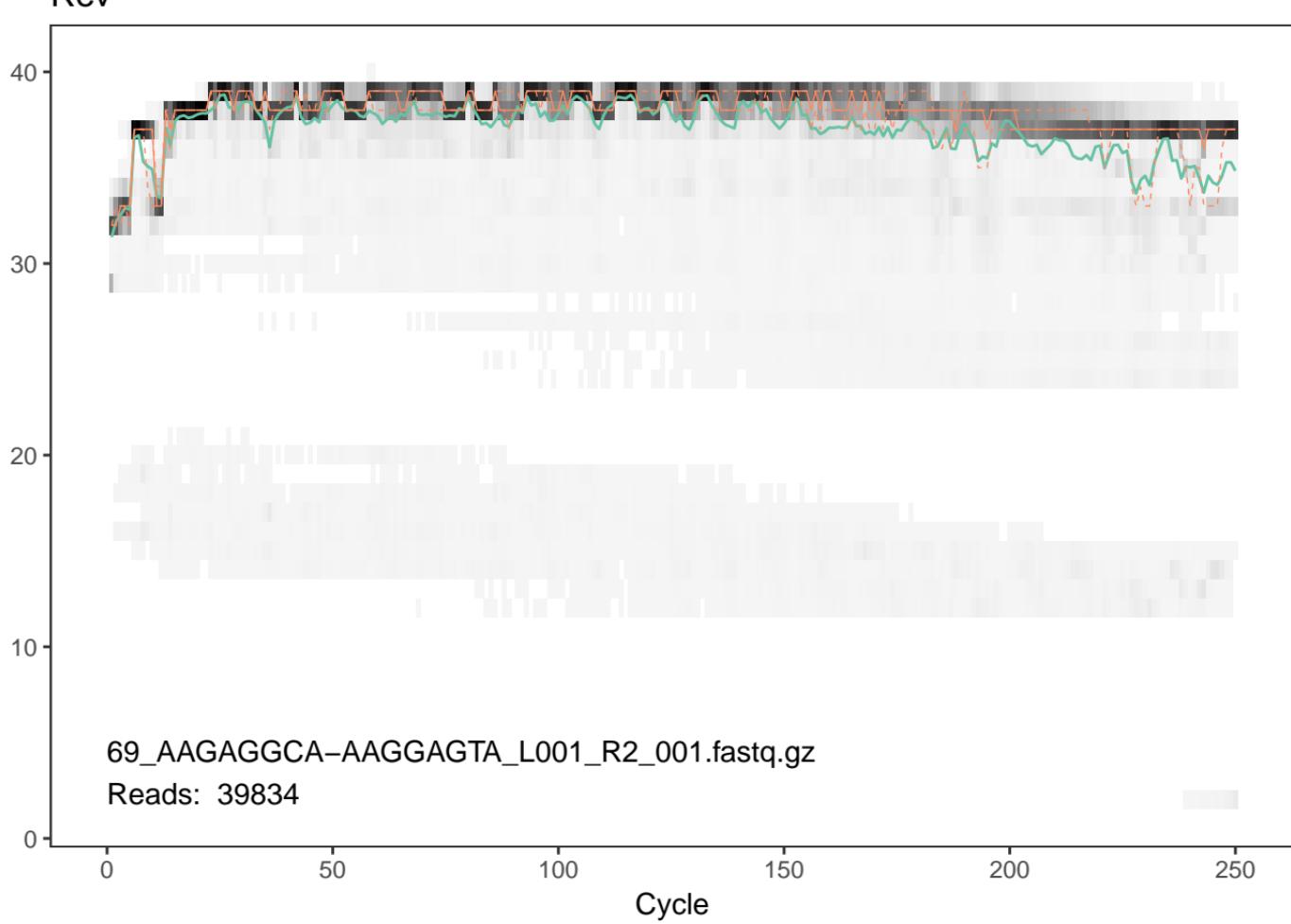
Rev

Quality Score



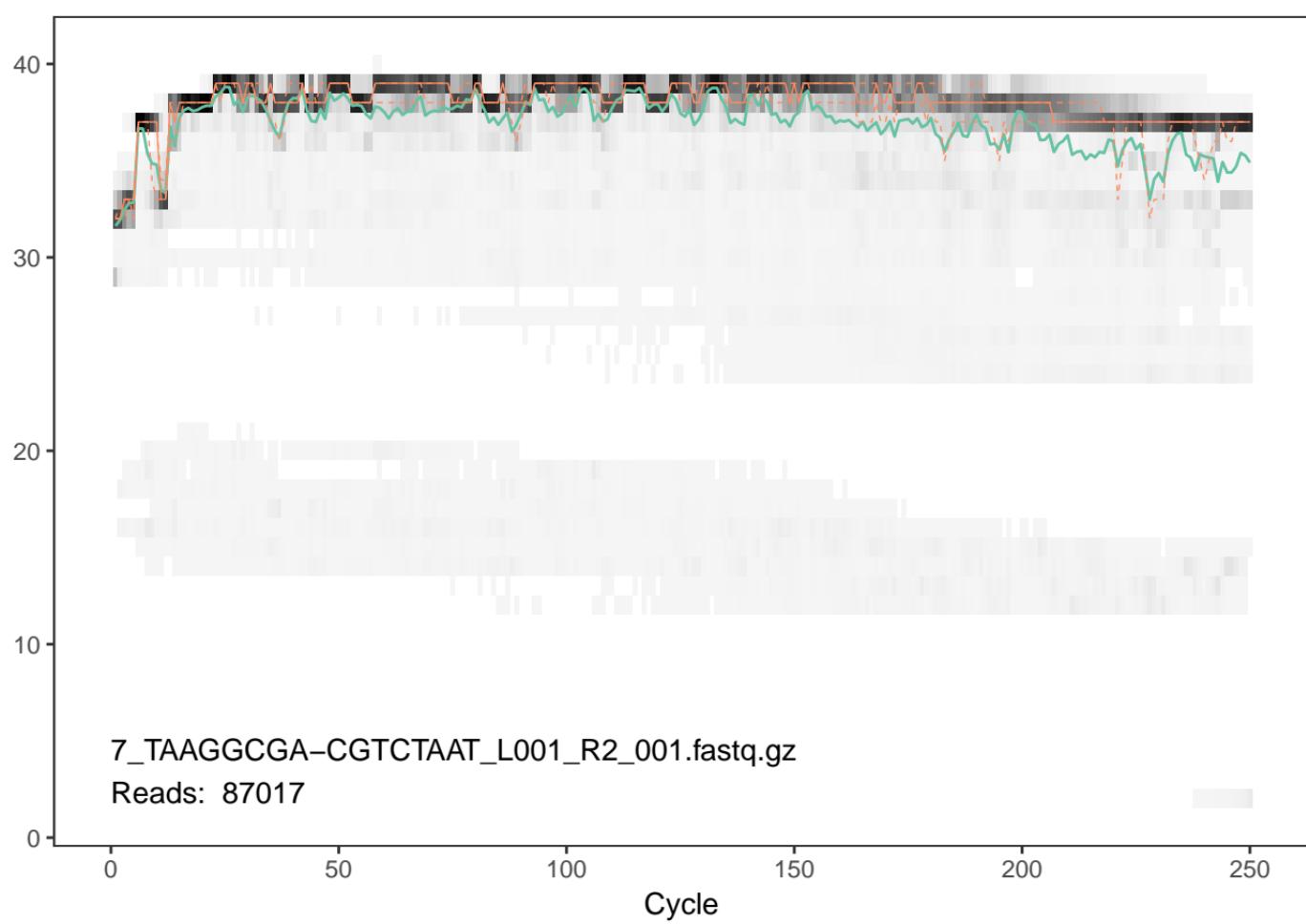
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

70\_AAGAGGCA-CTAAGCCT\_L001\_R2\_001.fastq.gz

Reads: 92257

0

50

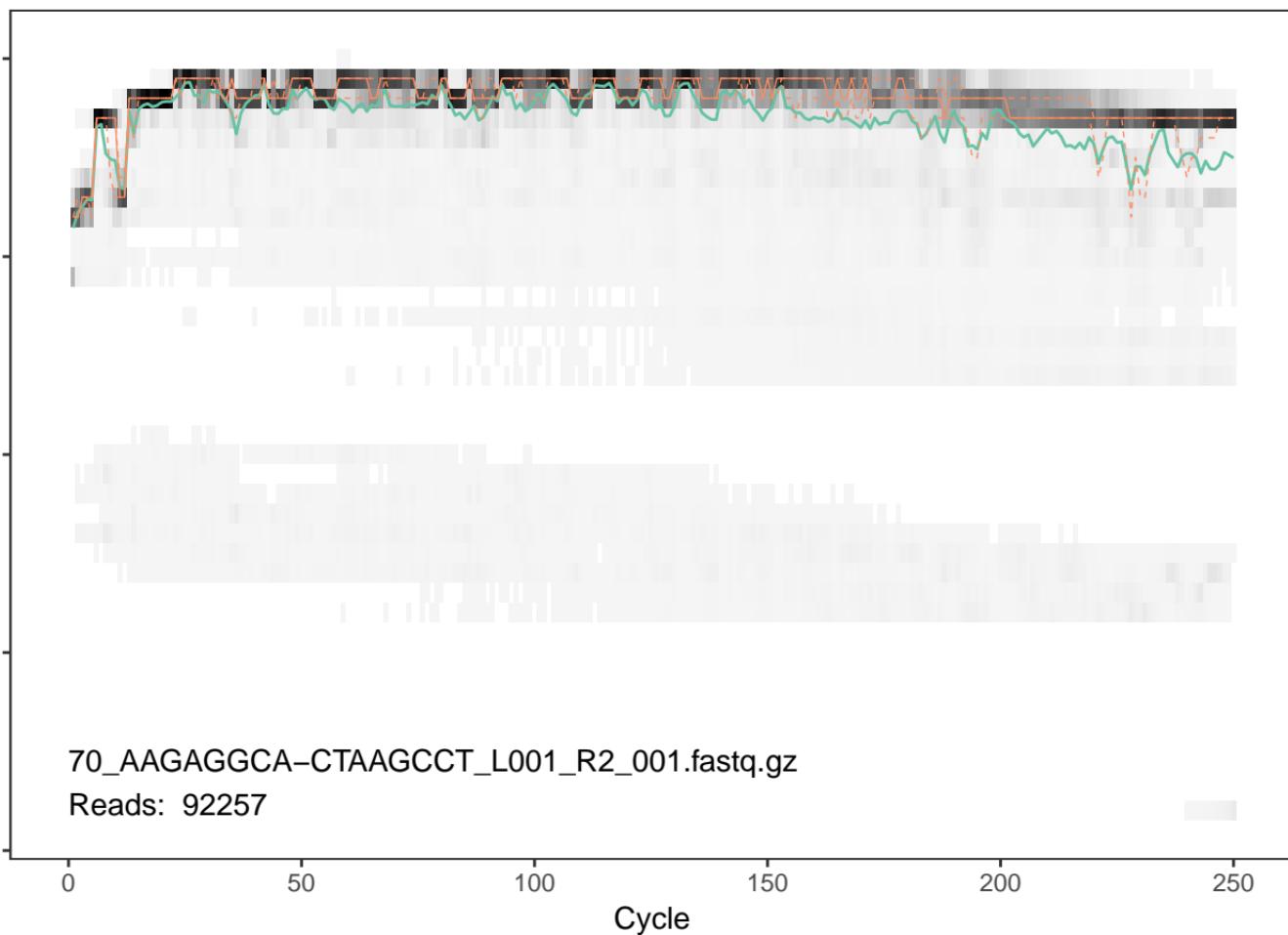
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

10

0

71\_AAGAGGCA-CGTCTAAT\_L001\_R2\_001.fastq.gz

Reads: 100223

0

50

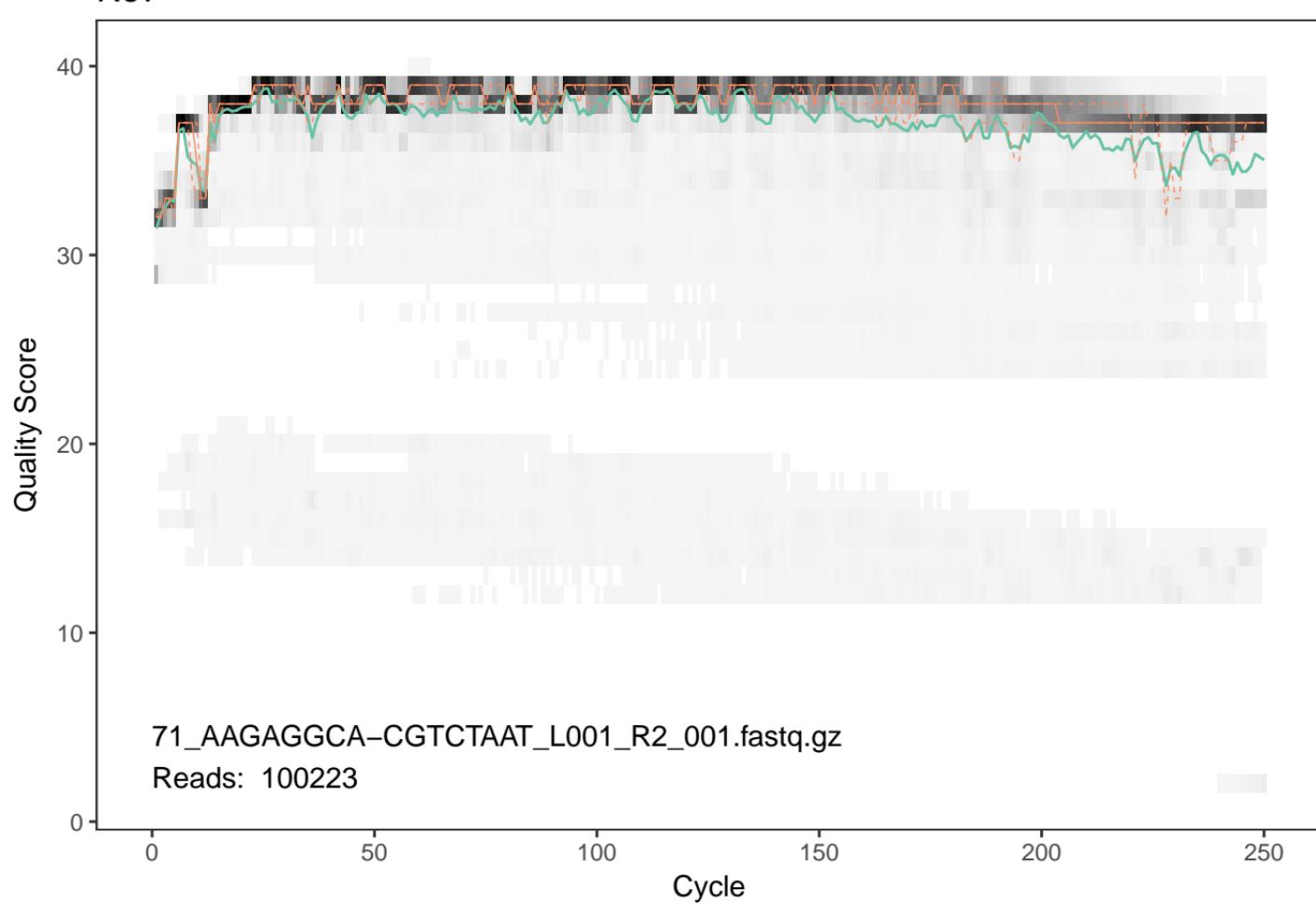
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150

200

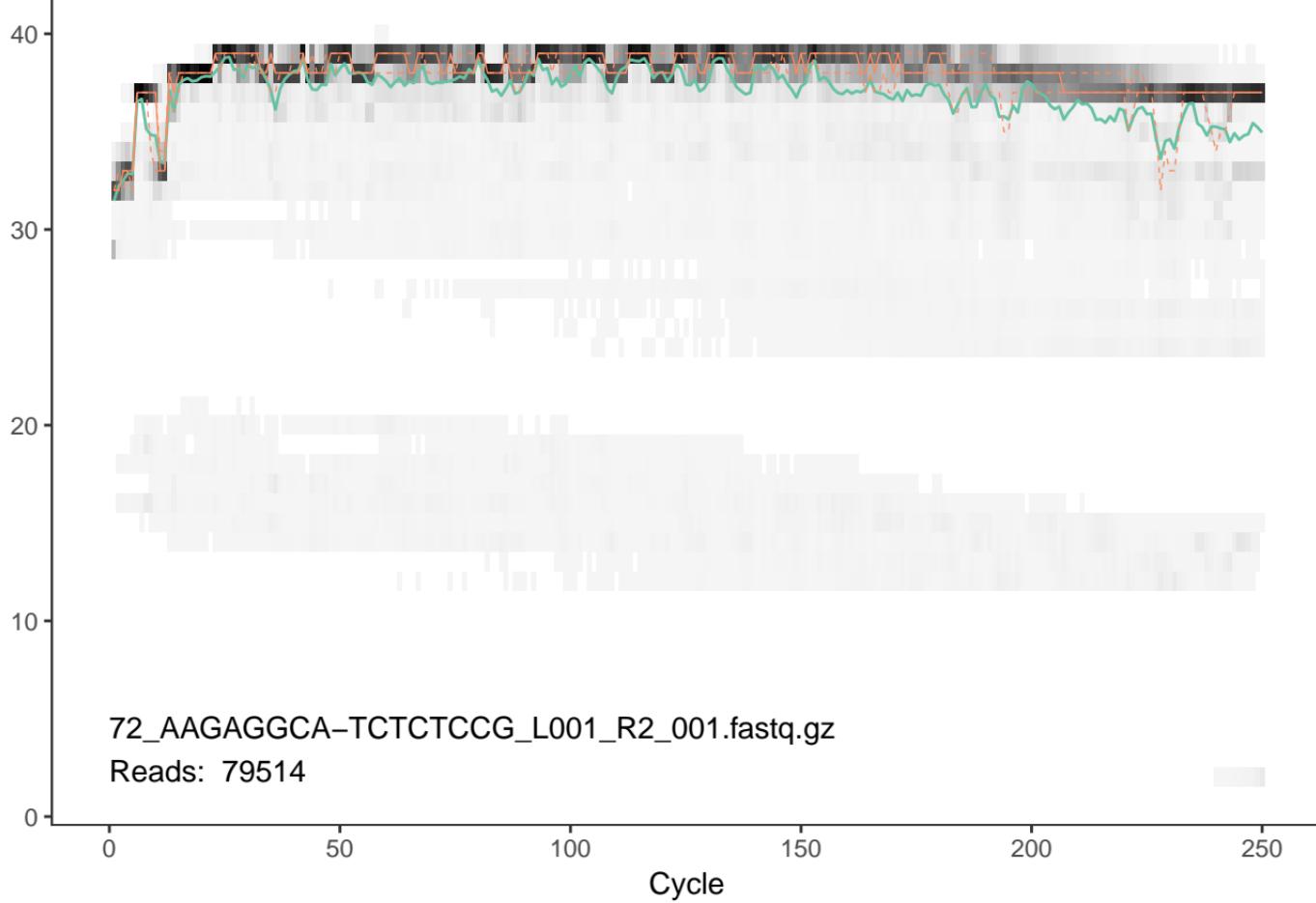
250

Cycle



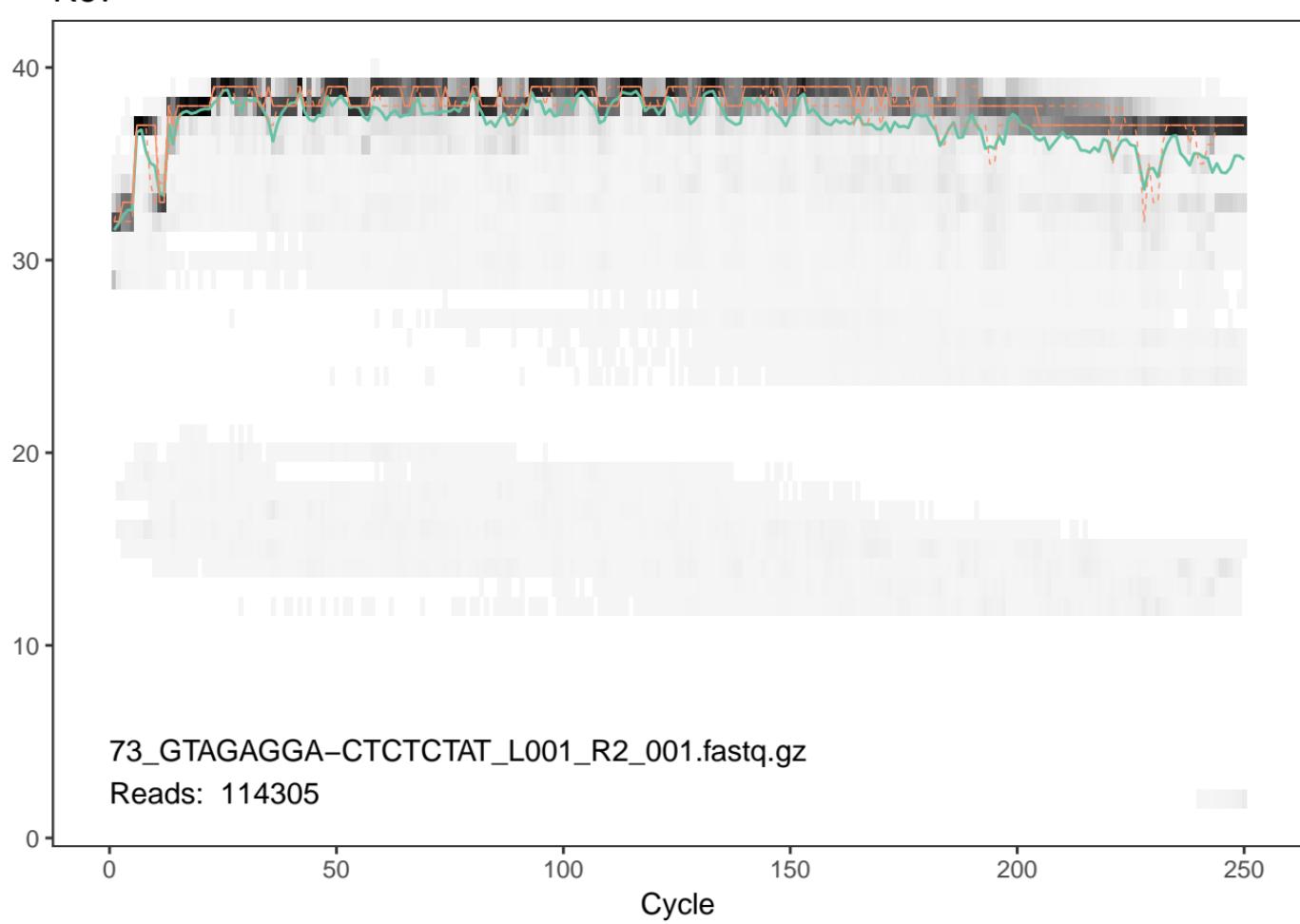
Rev

Quality Score



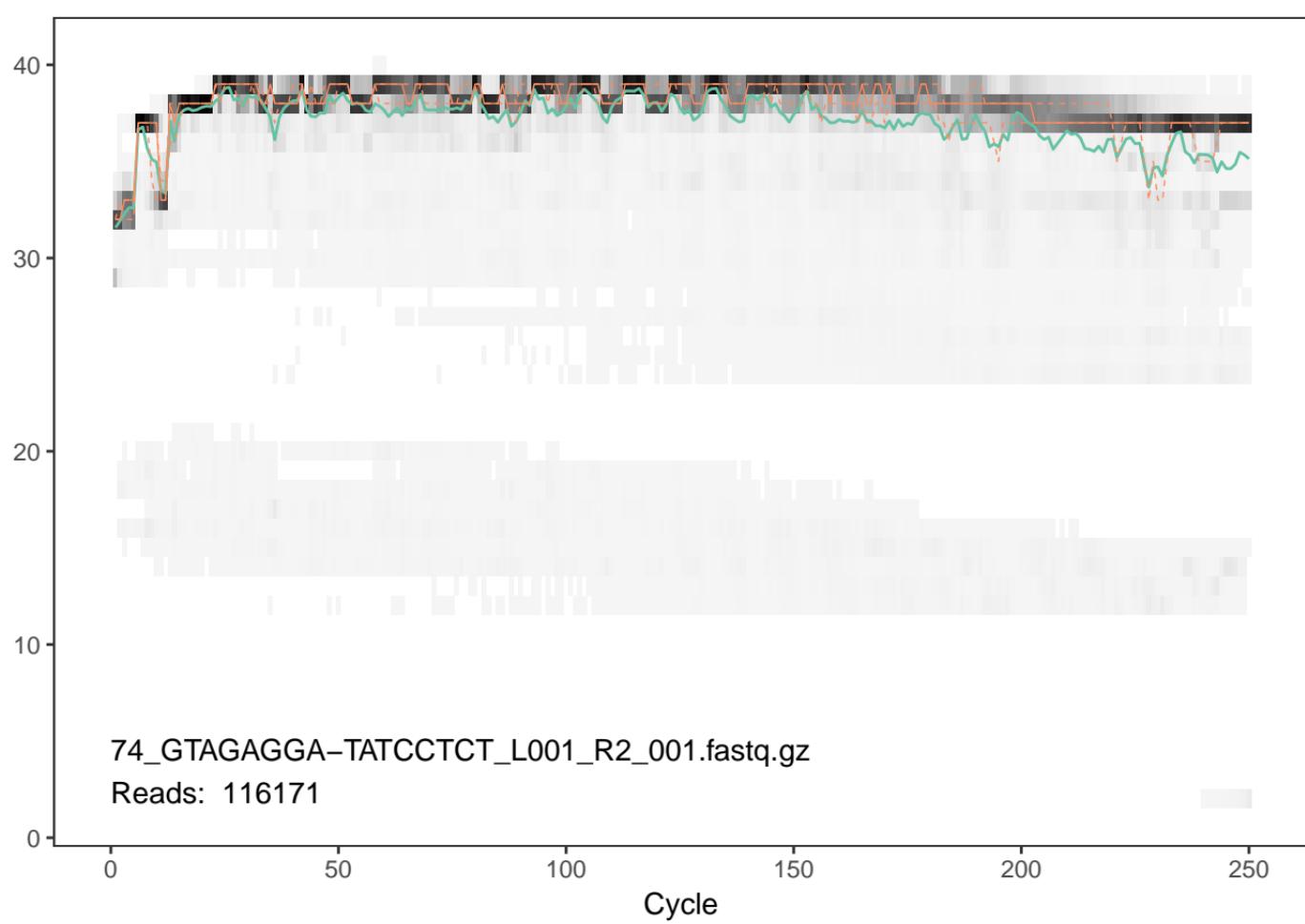
Rev

Quality Score



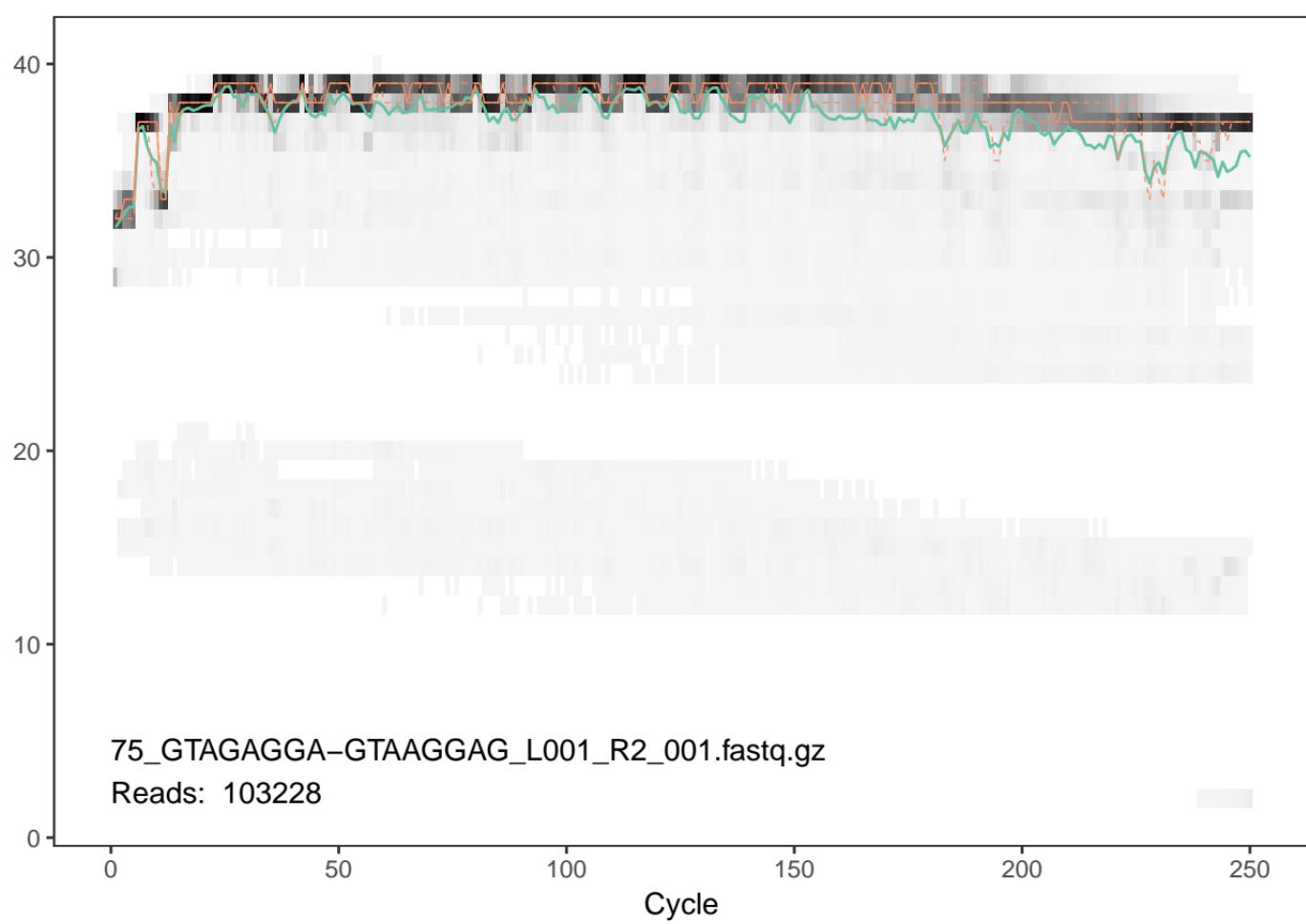
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

76\_GTAGAGGA-ACTGCATA\_L001\_R2\_001.fastq.gz

Reads: 122718

0

50

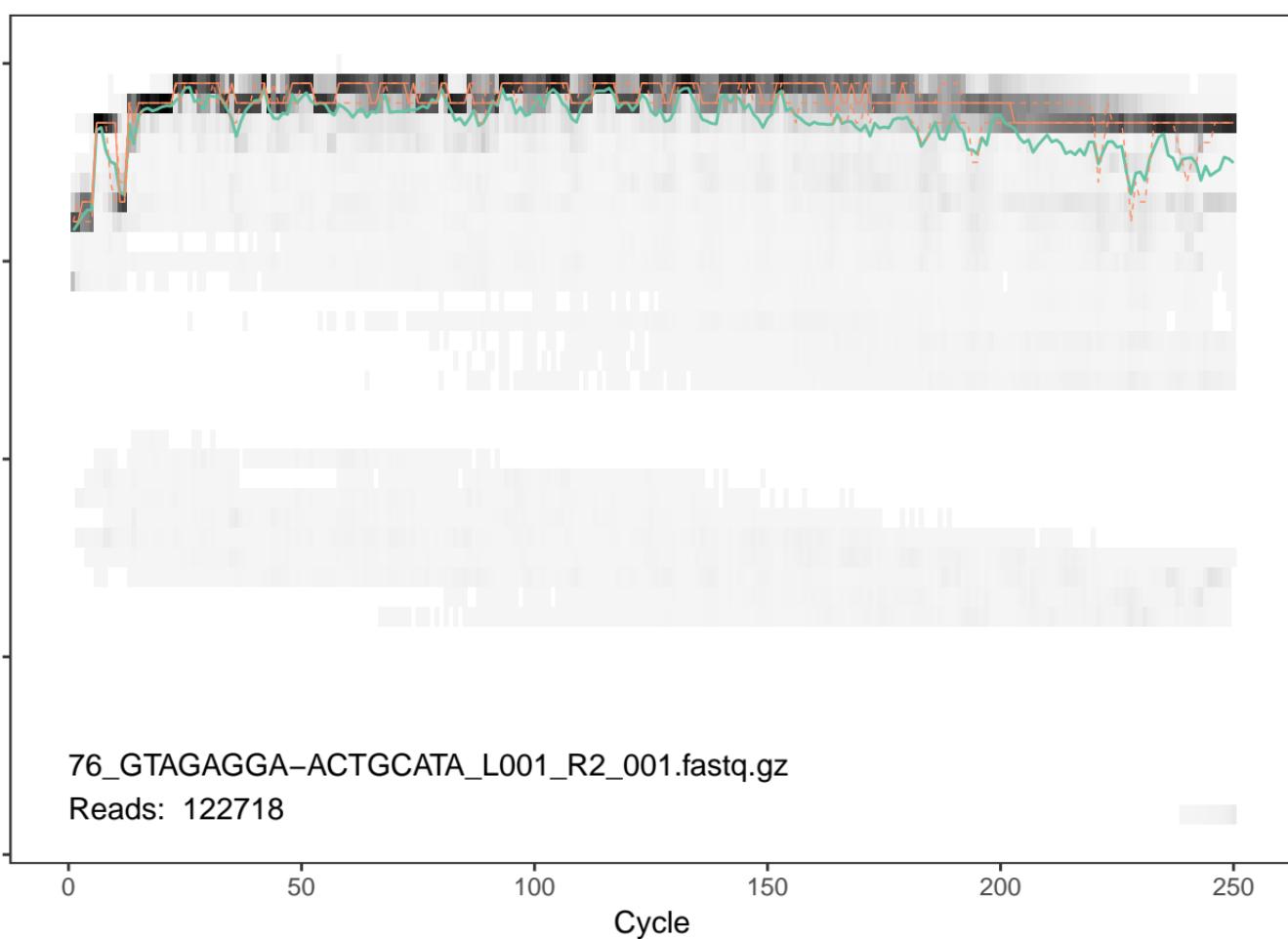
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

10

0

77\_GTAGAGGA-AAGGAGTA\_L001\_R2\_001.fastq.gz

Reads: 89283

0

50

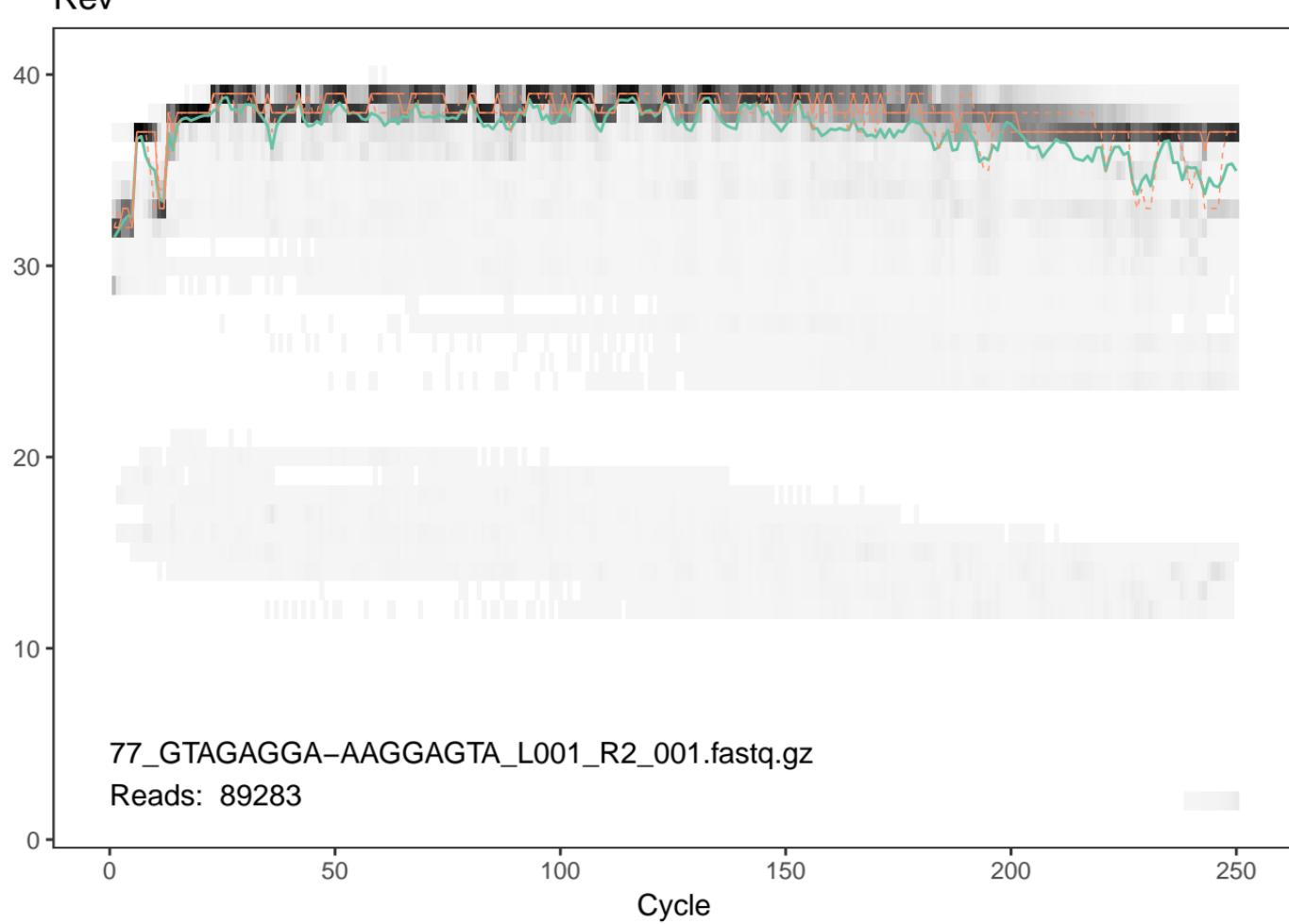
100

150

200

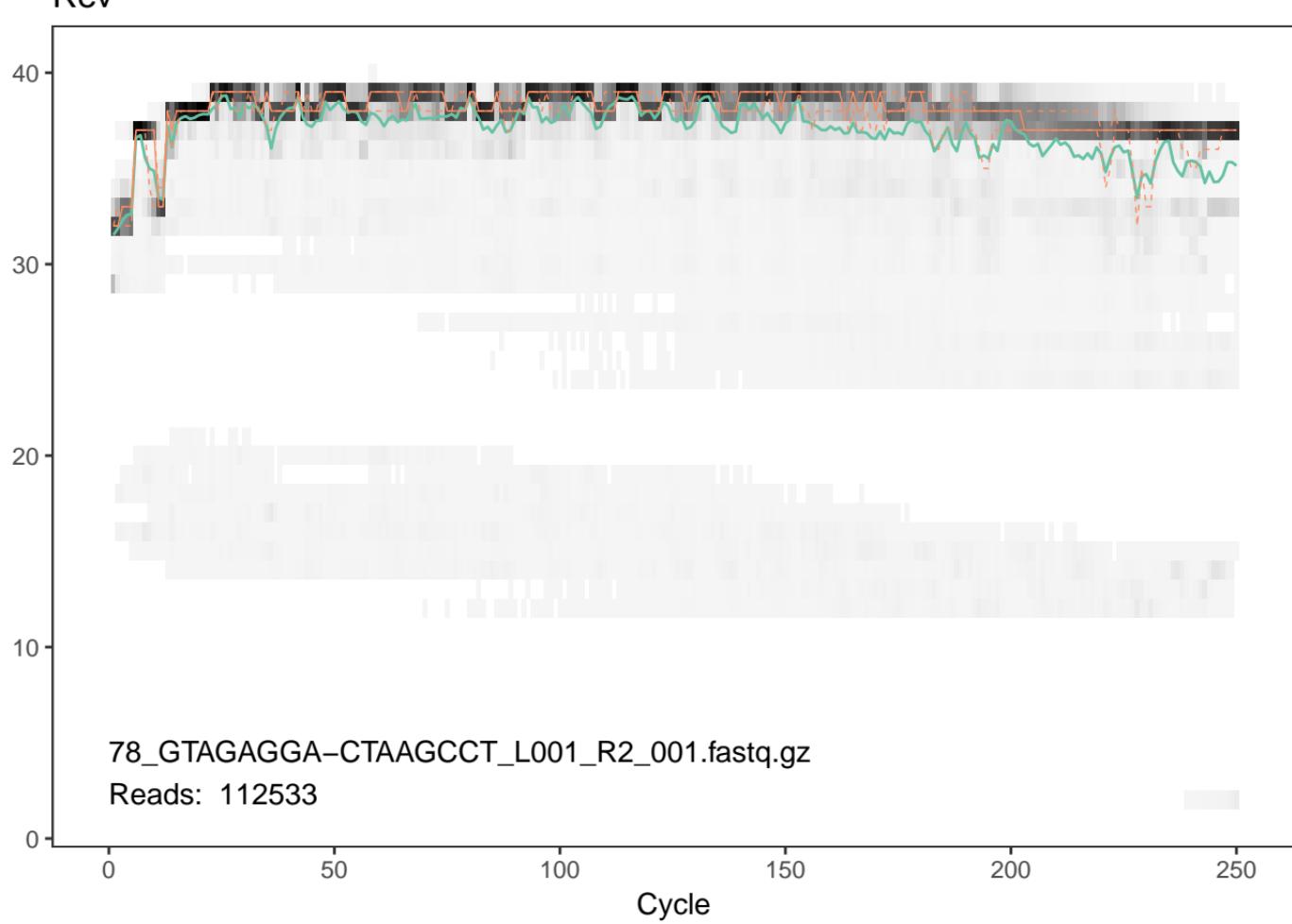
250

Cycle



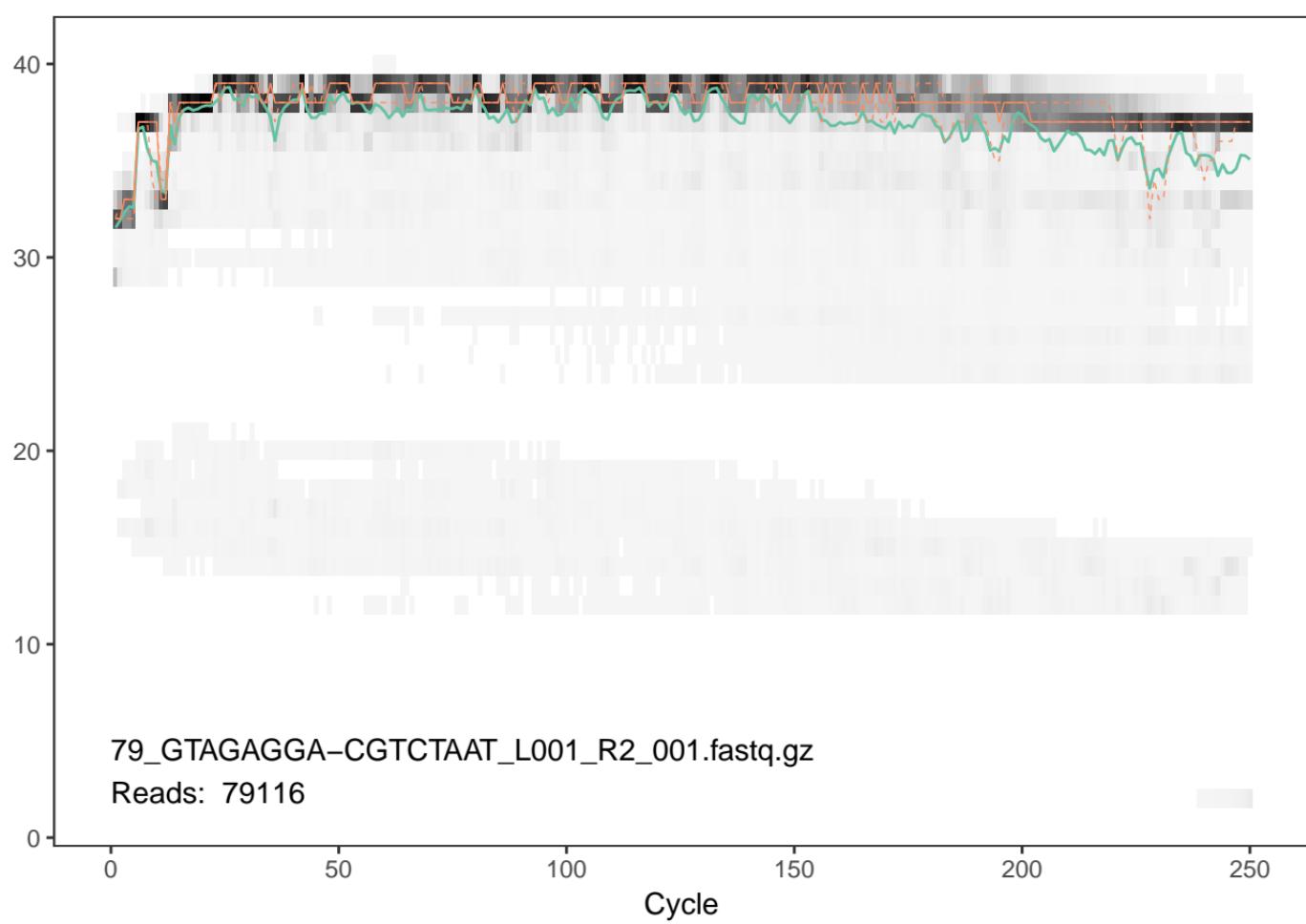
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

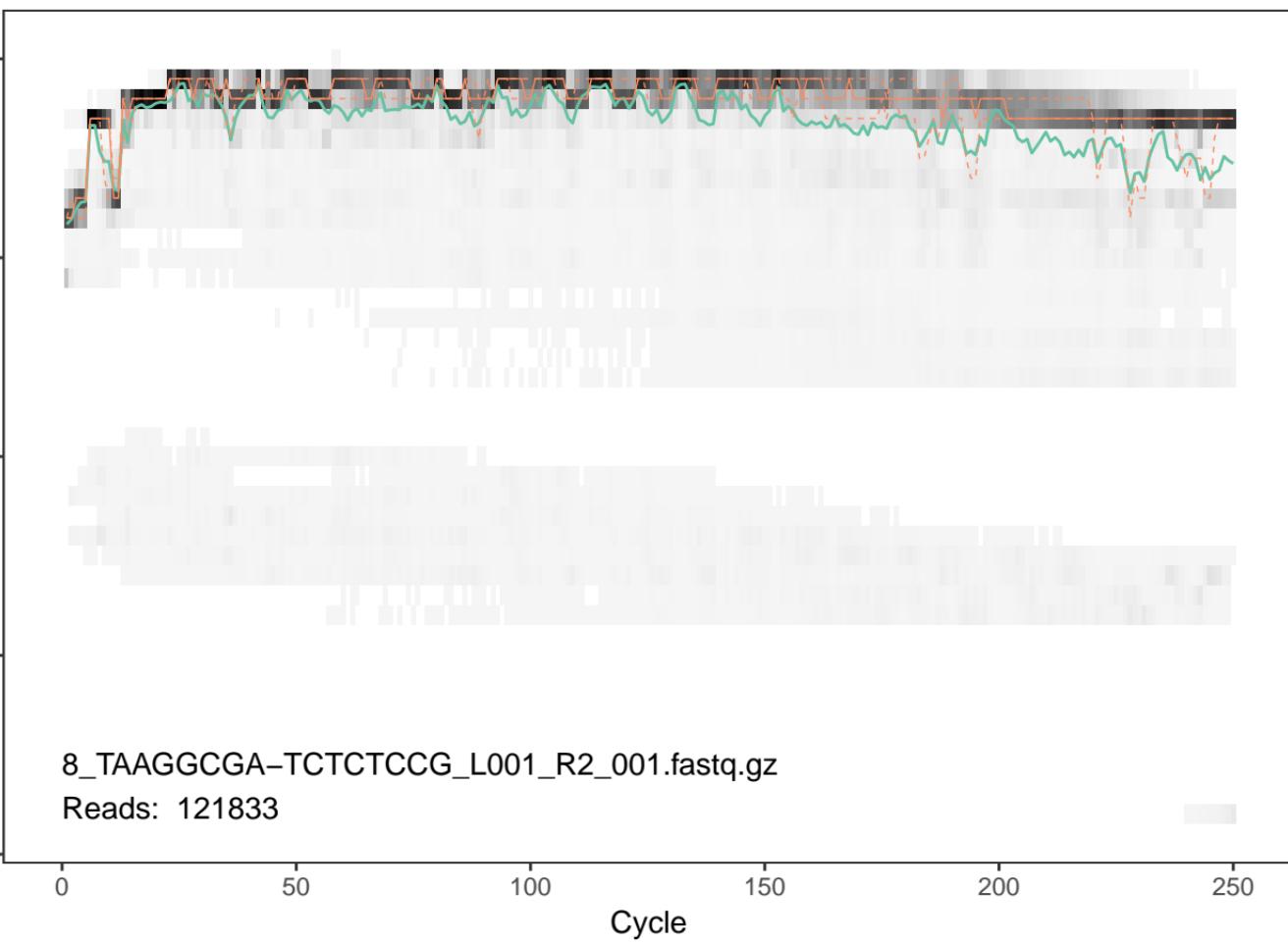
10

0

Cycle

8\_TAAGGCGA-TCTCTCCG\_L001\_R2\_001.fastq.gz

Reads: 121833



Rev

Quality Score

40

30

20

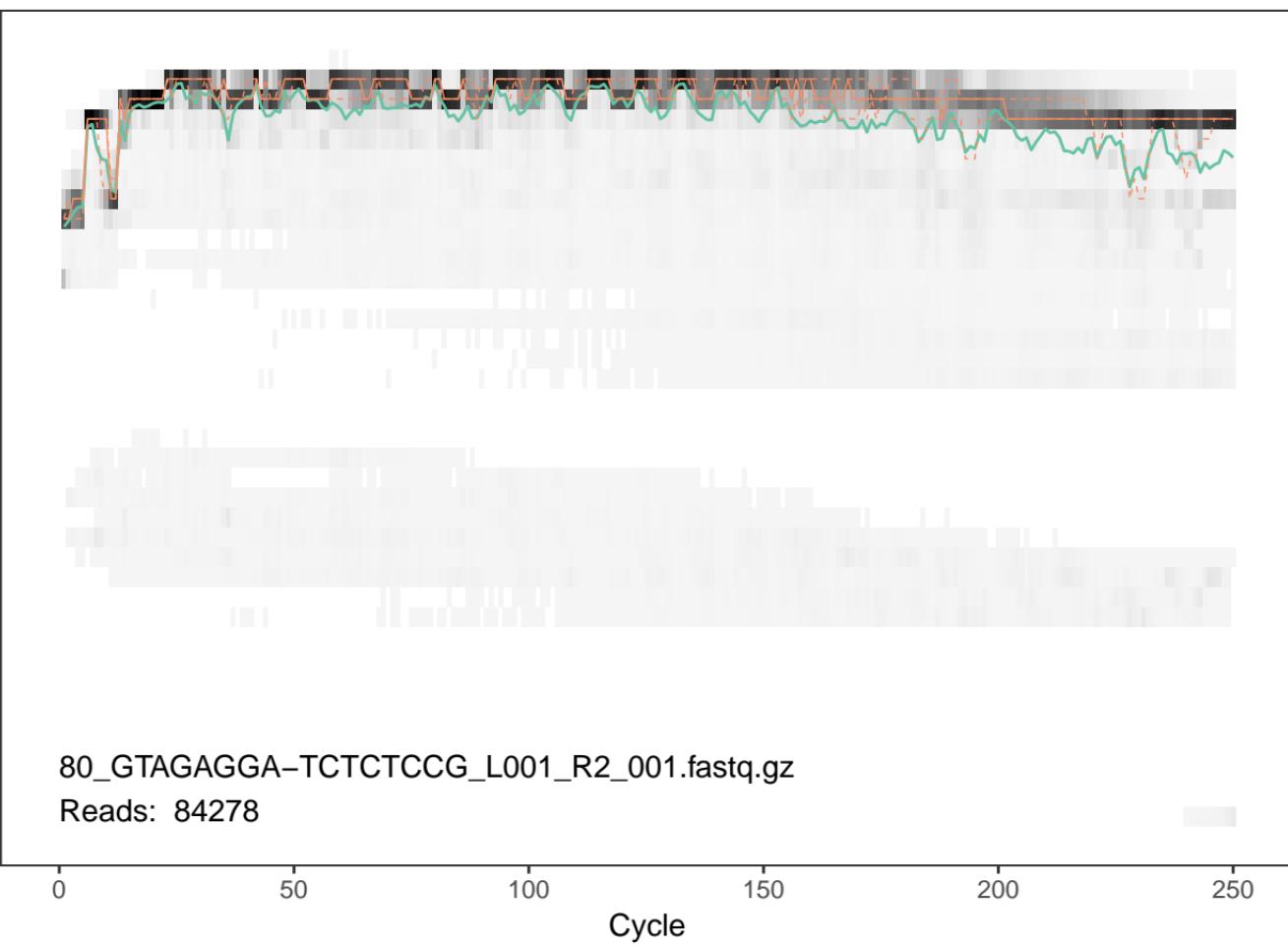
10

0

Cycle

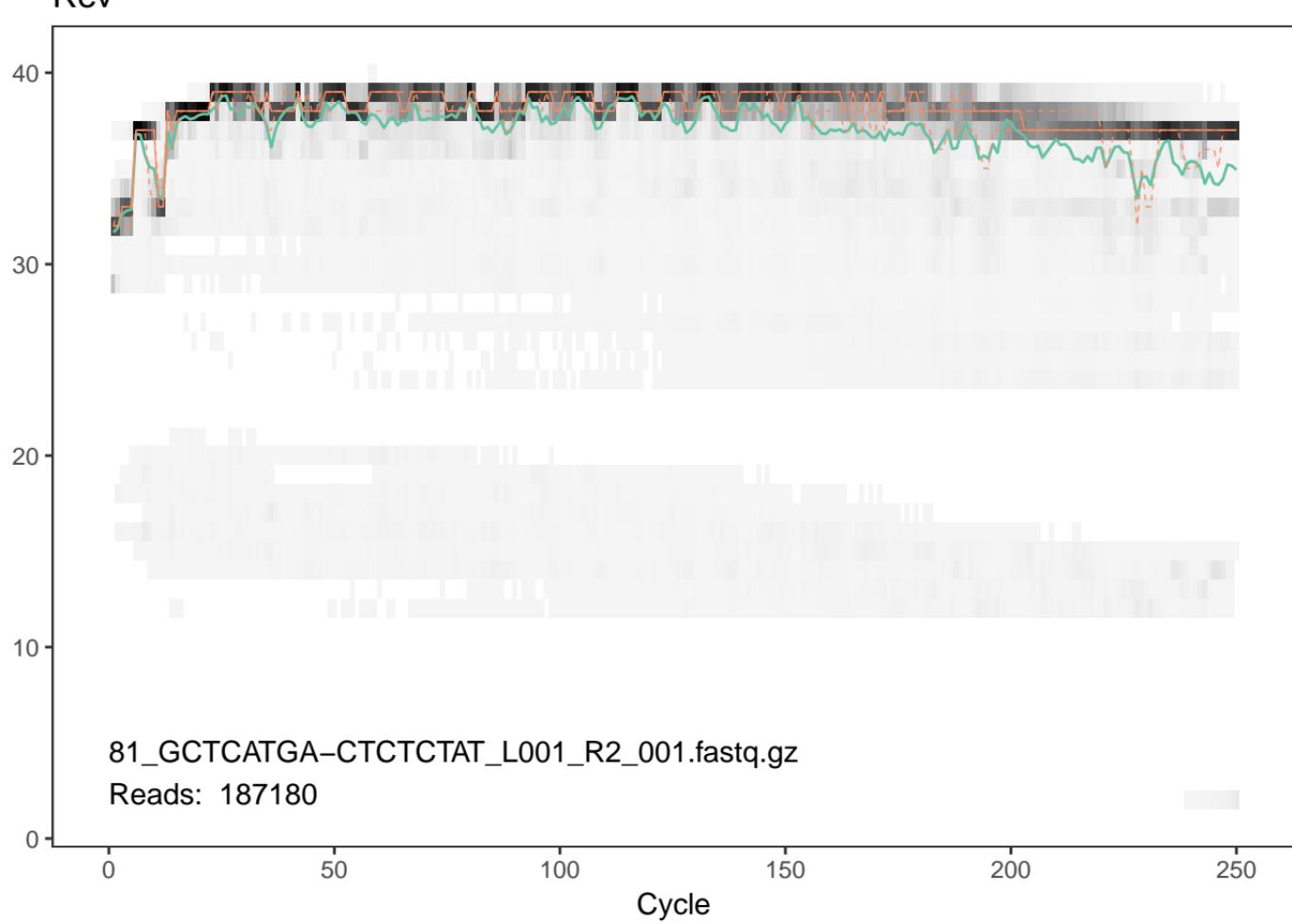
80\_GTAGAGGA-TCTCTCCG\_L001\_R2\_001.fastq.gz

Reads: 84278



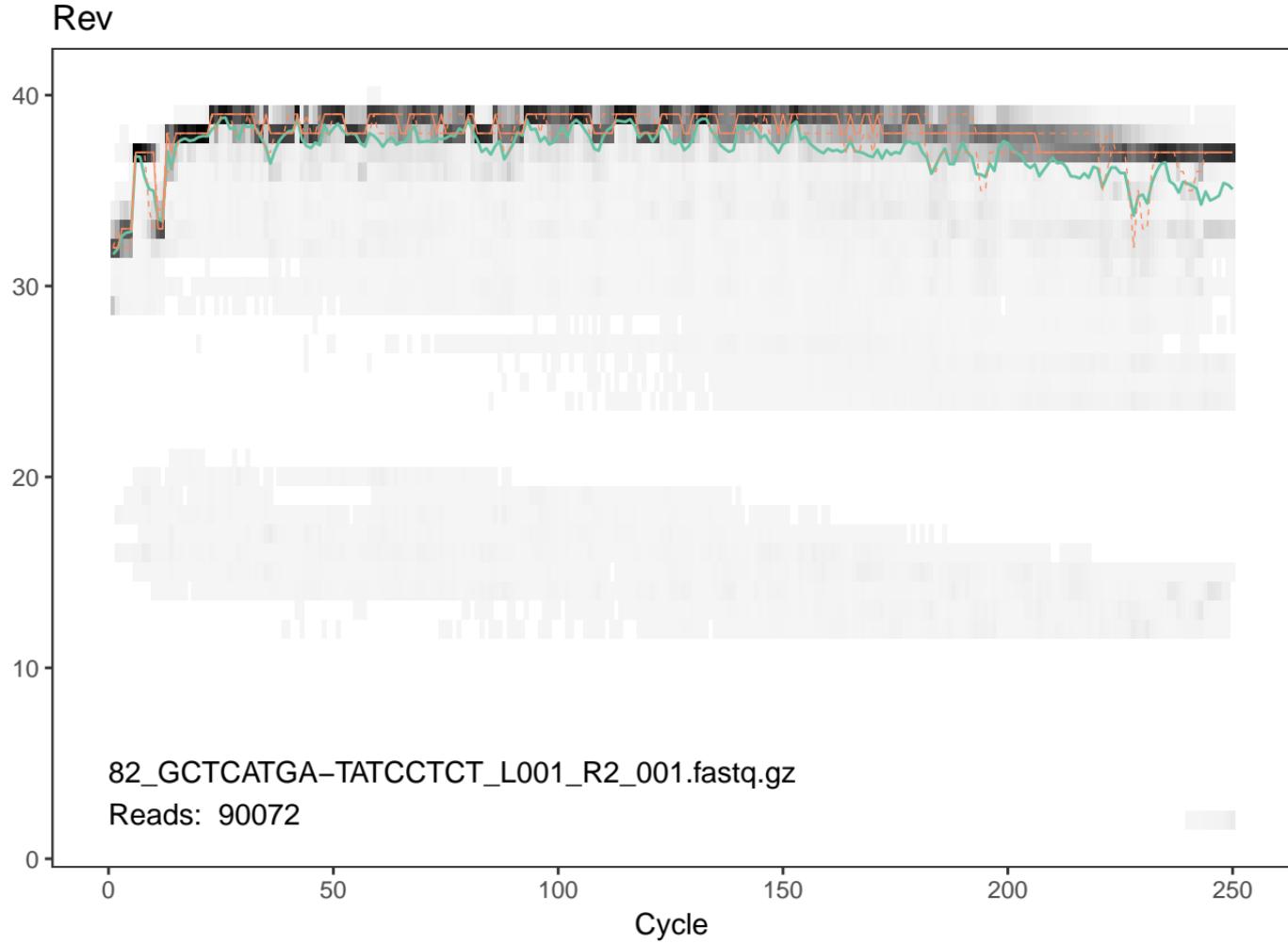
Rev

Quality Score



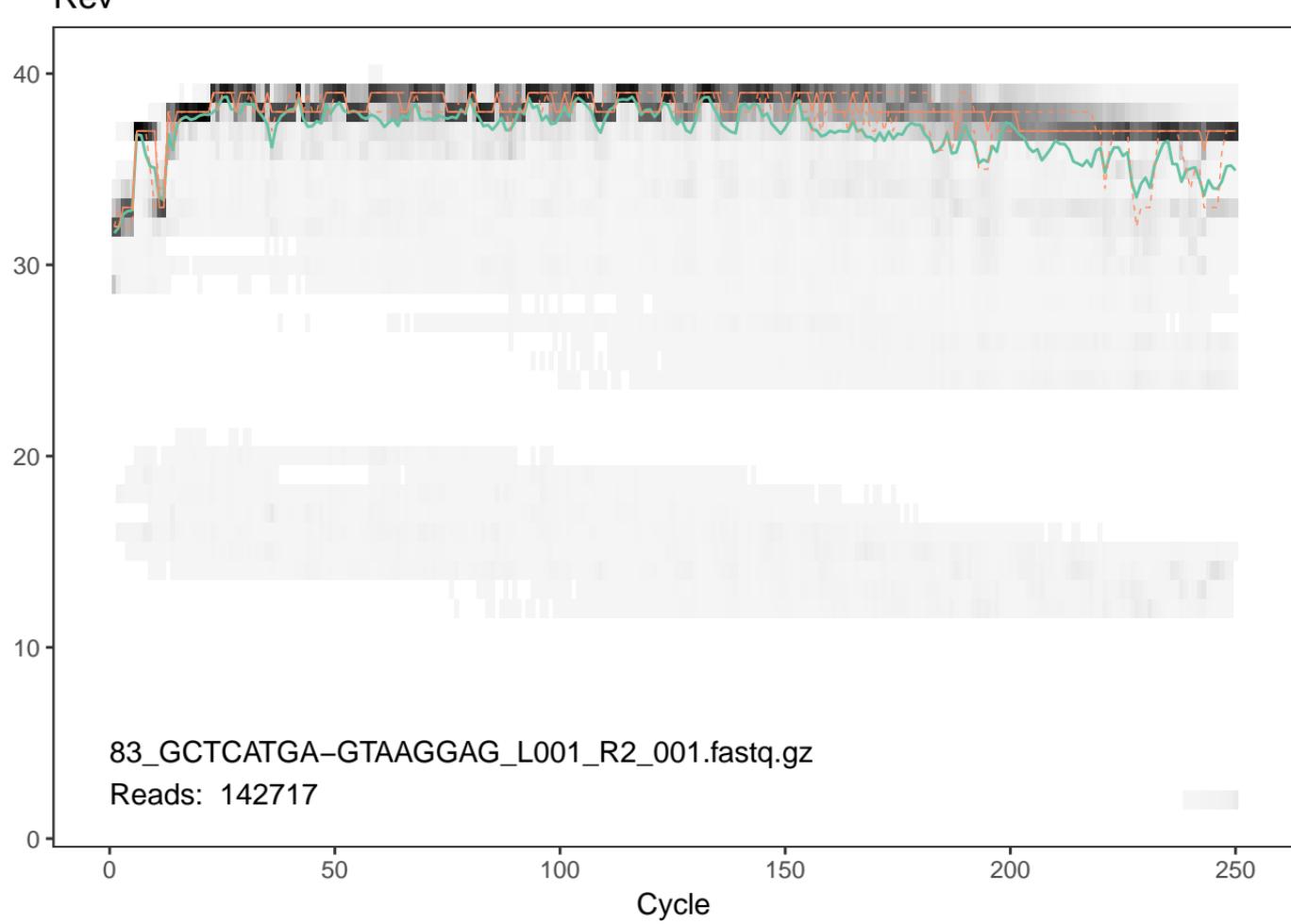
Rev

Quality Score



Rev

Quality Score



83\_GCTCATGA-GTAAGGAG\_L001\_R2\_001.fastq.gz

Reads: 142717

Cycle

Rev

Quality Score

40

30

20

10

0

84\_GCTCATGA-ACTGCATA\_L001\_R2\_001.fastq.gz

Reads: 166865

0

50

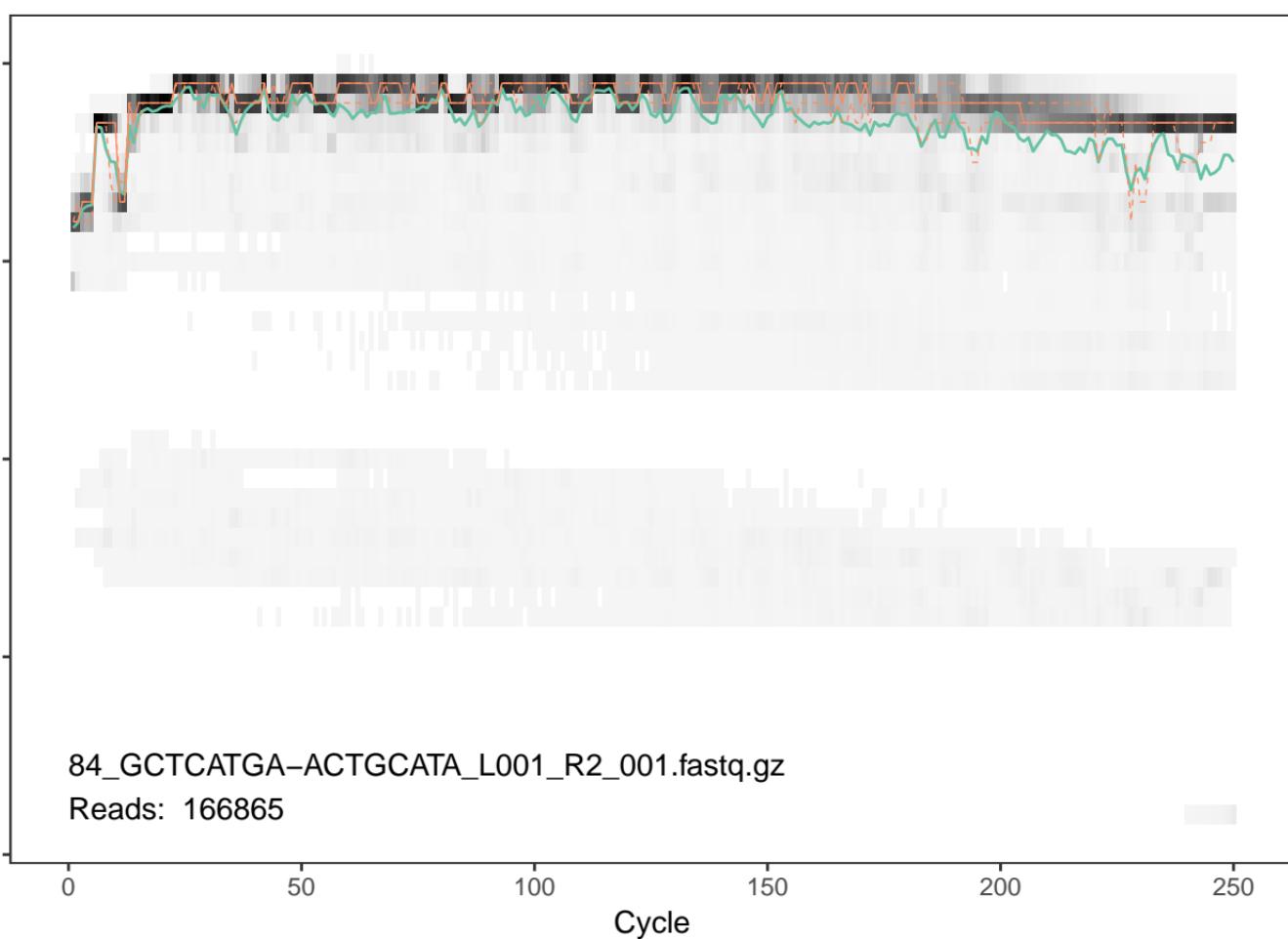
100

150

200

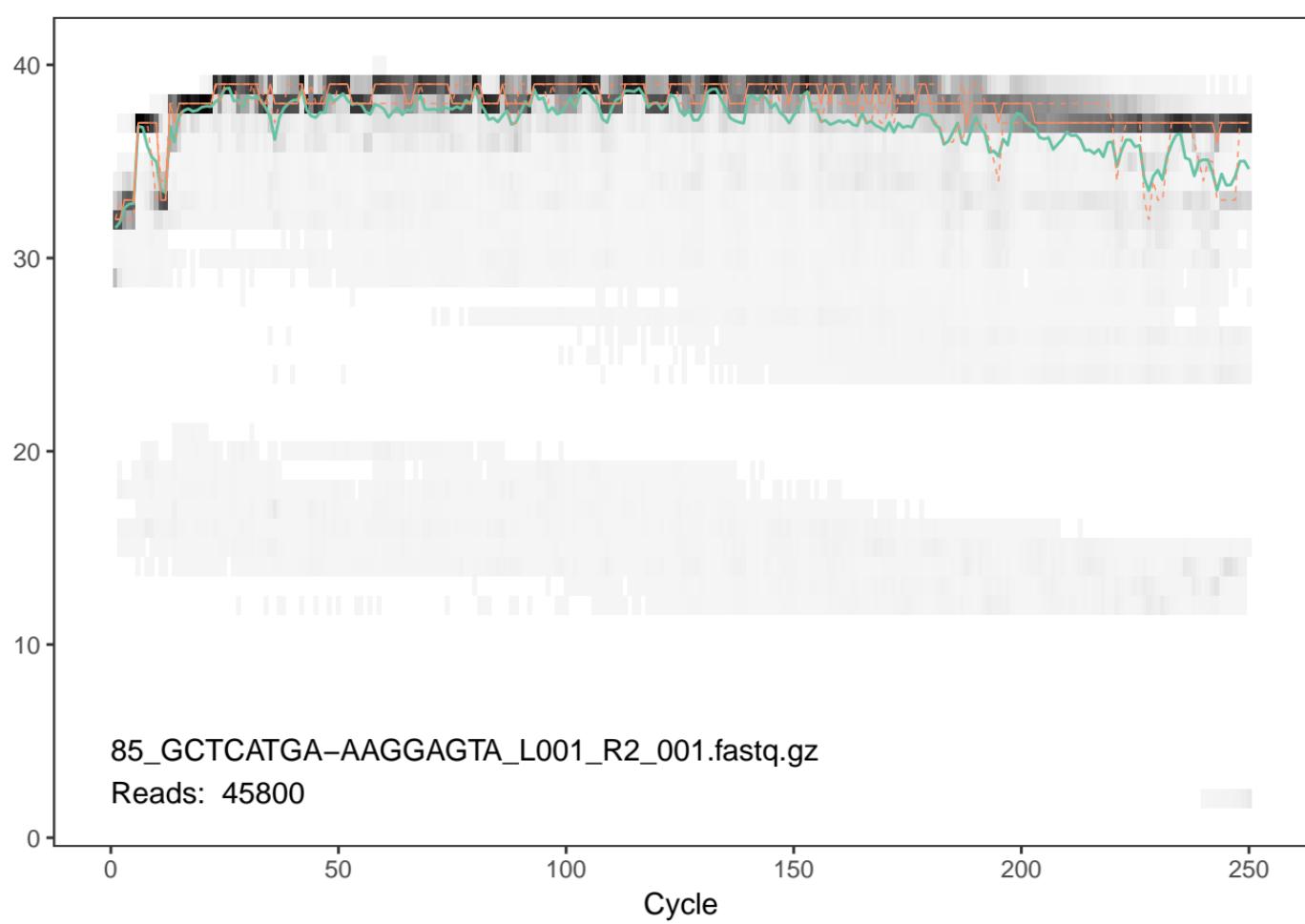
250

Cycle



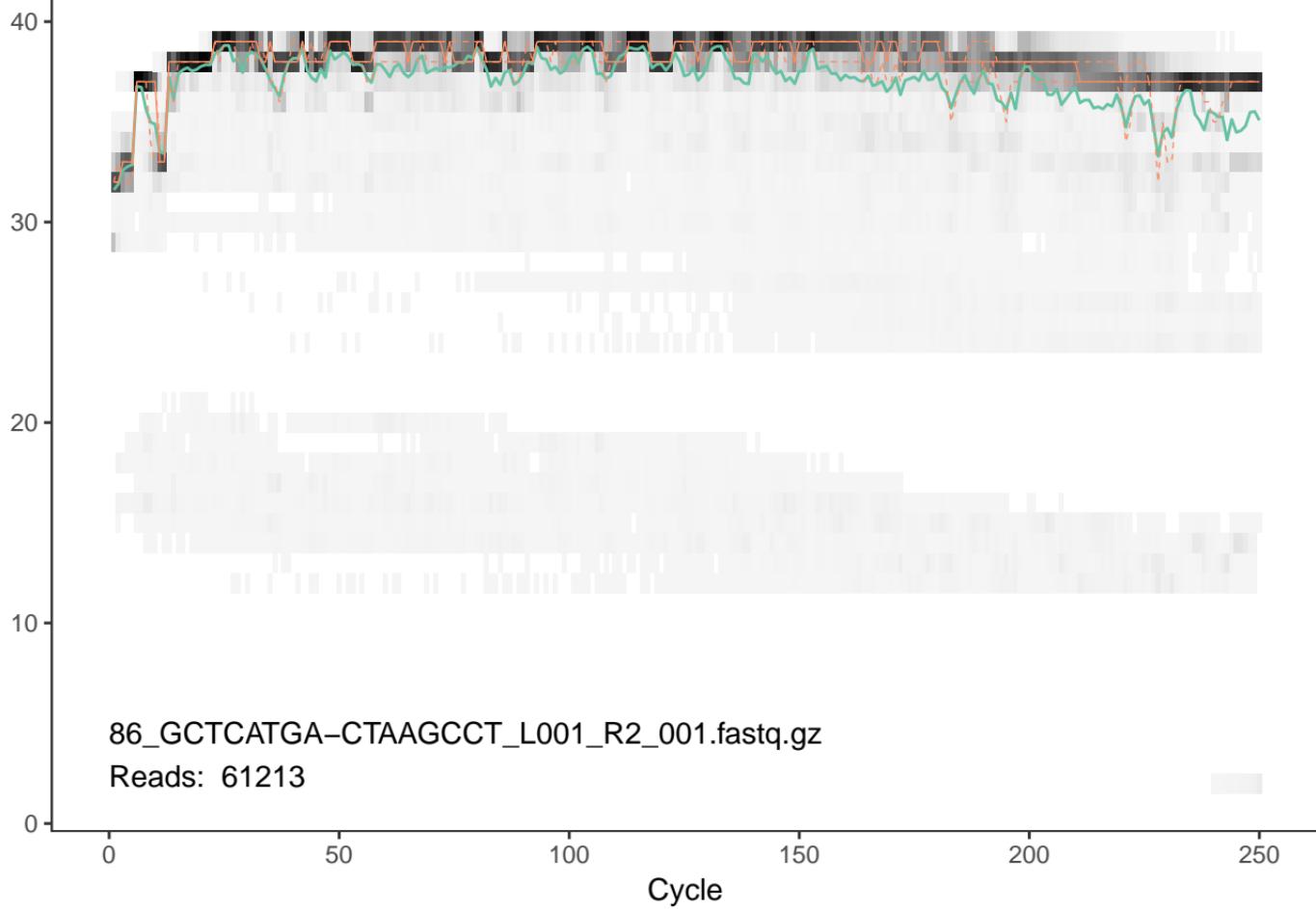
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

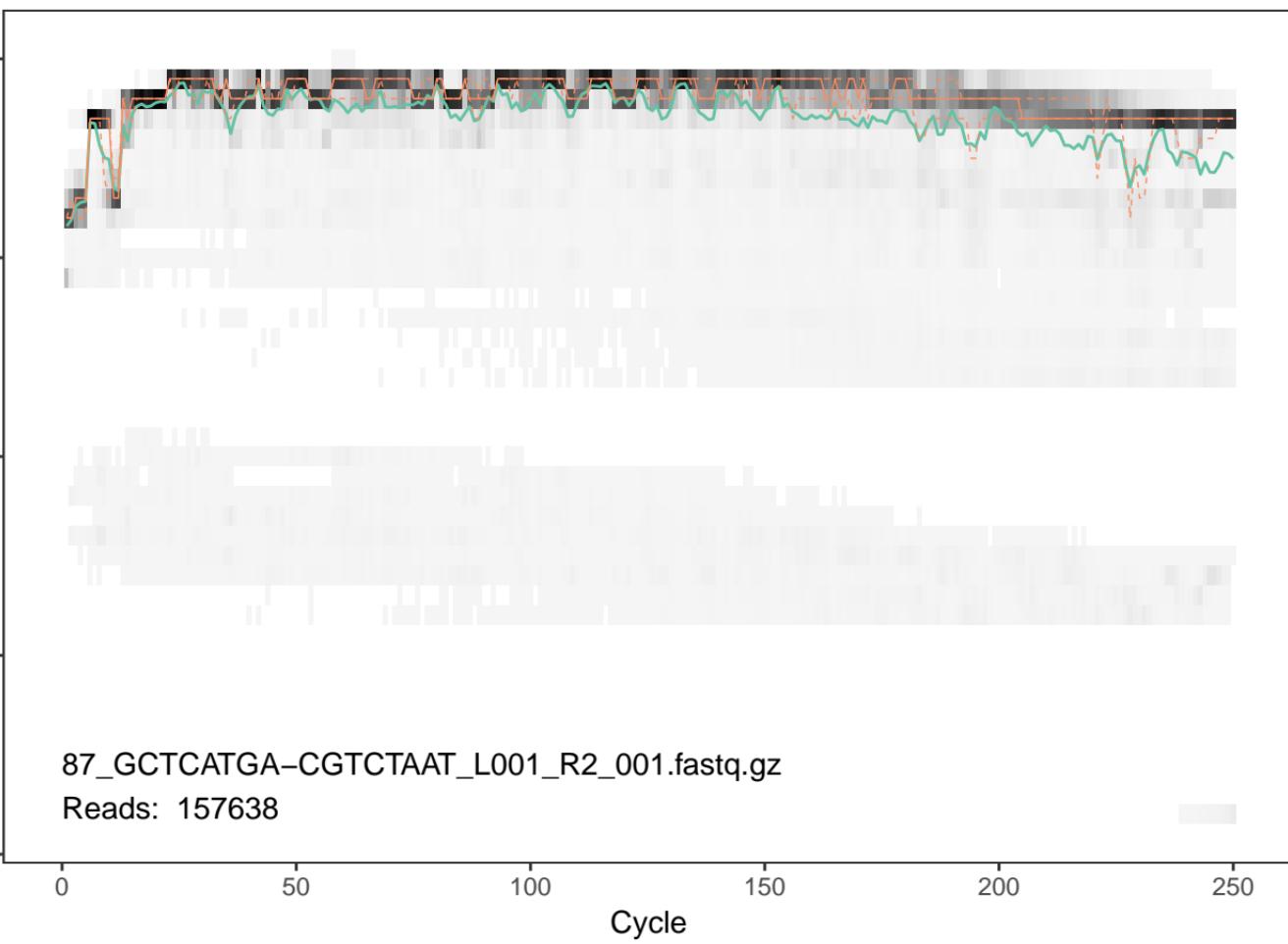
10

0

Cycle

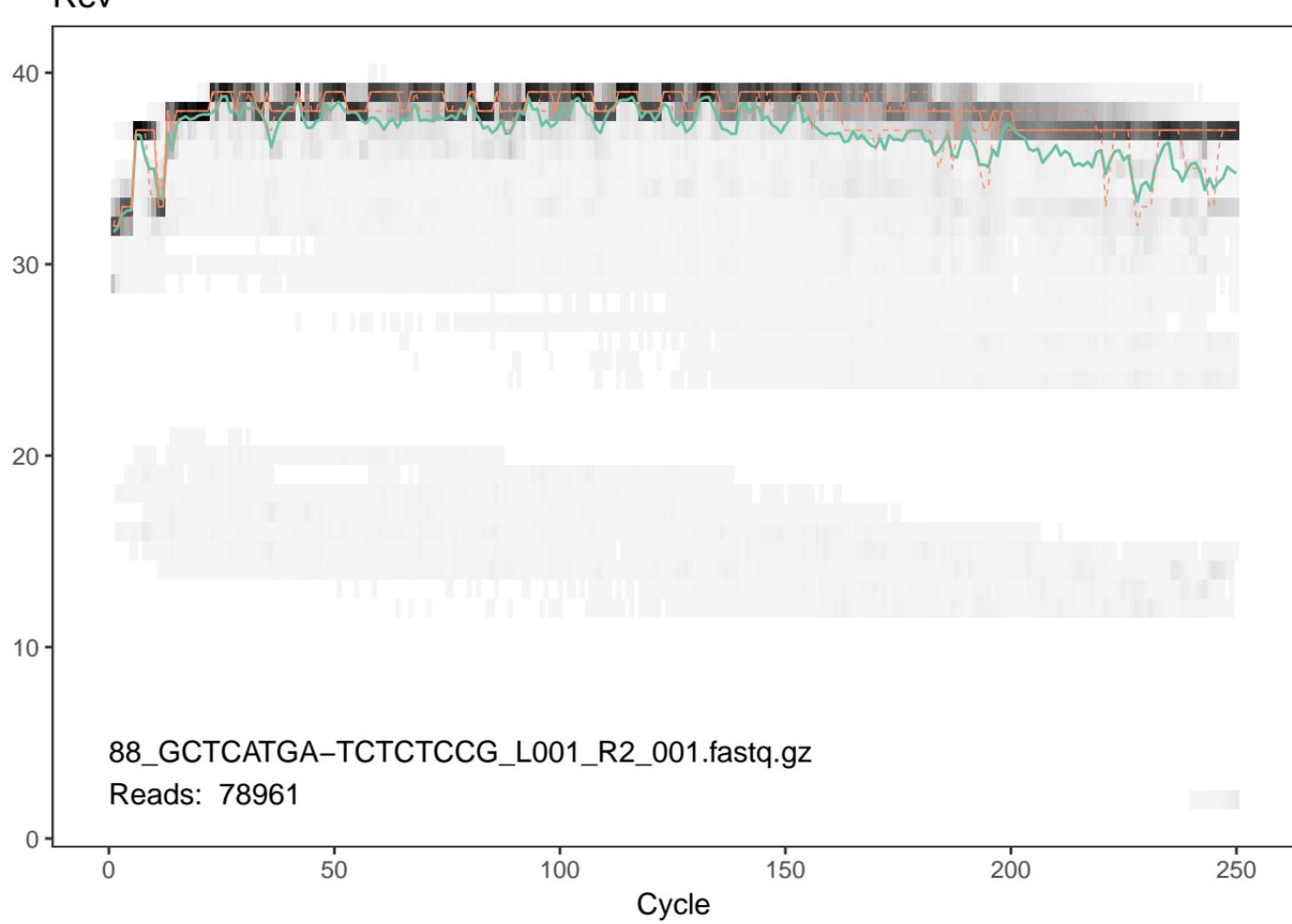
87\_GCTCATGA-CGTCTAAT\_L001\_R2\_001.fastq.gz

Reads: 157638



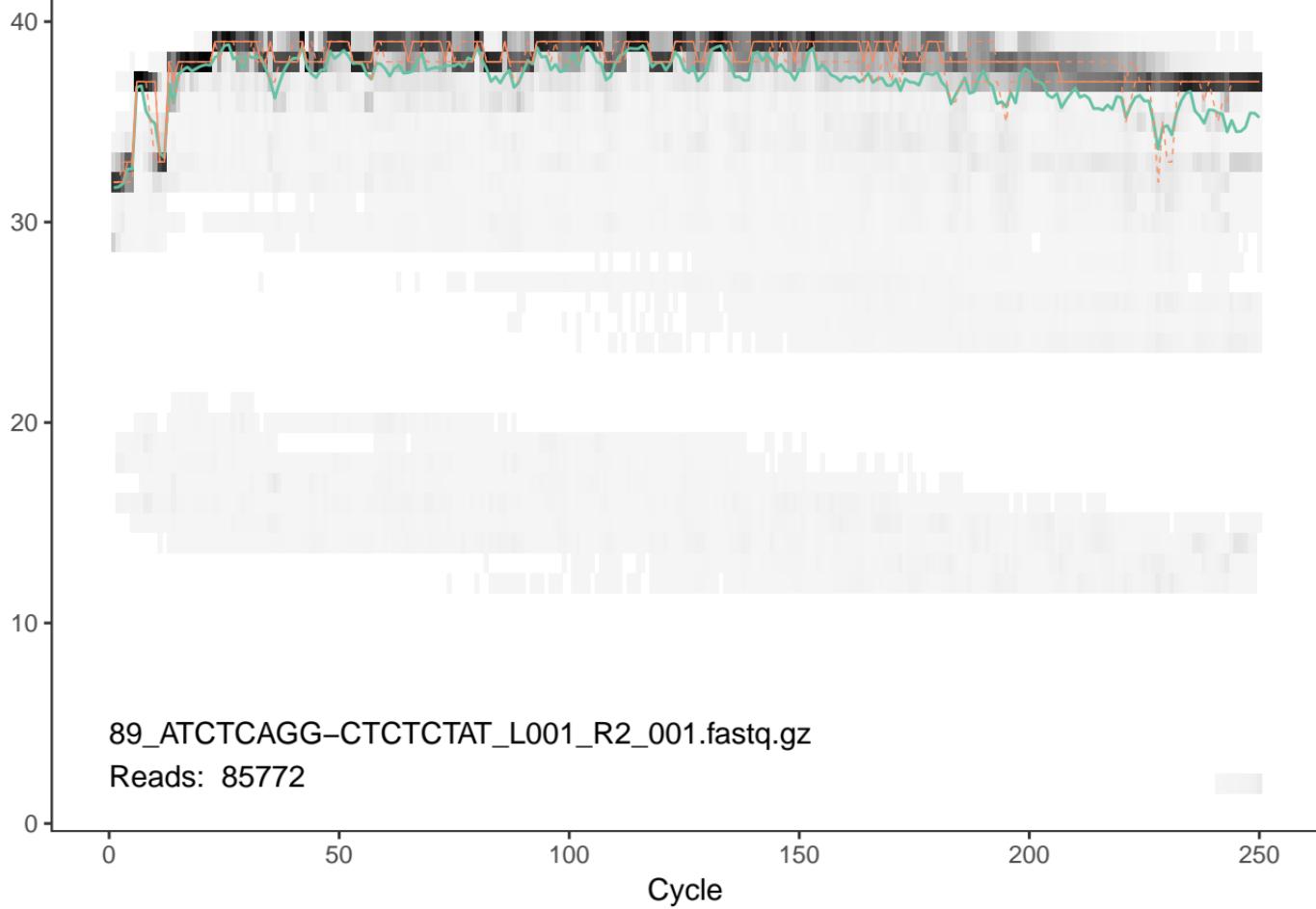
Rev

Quality Score



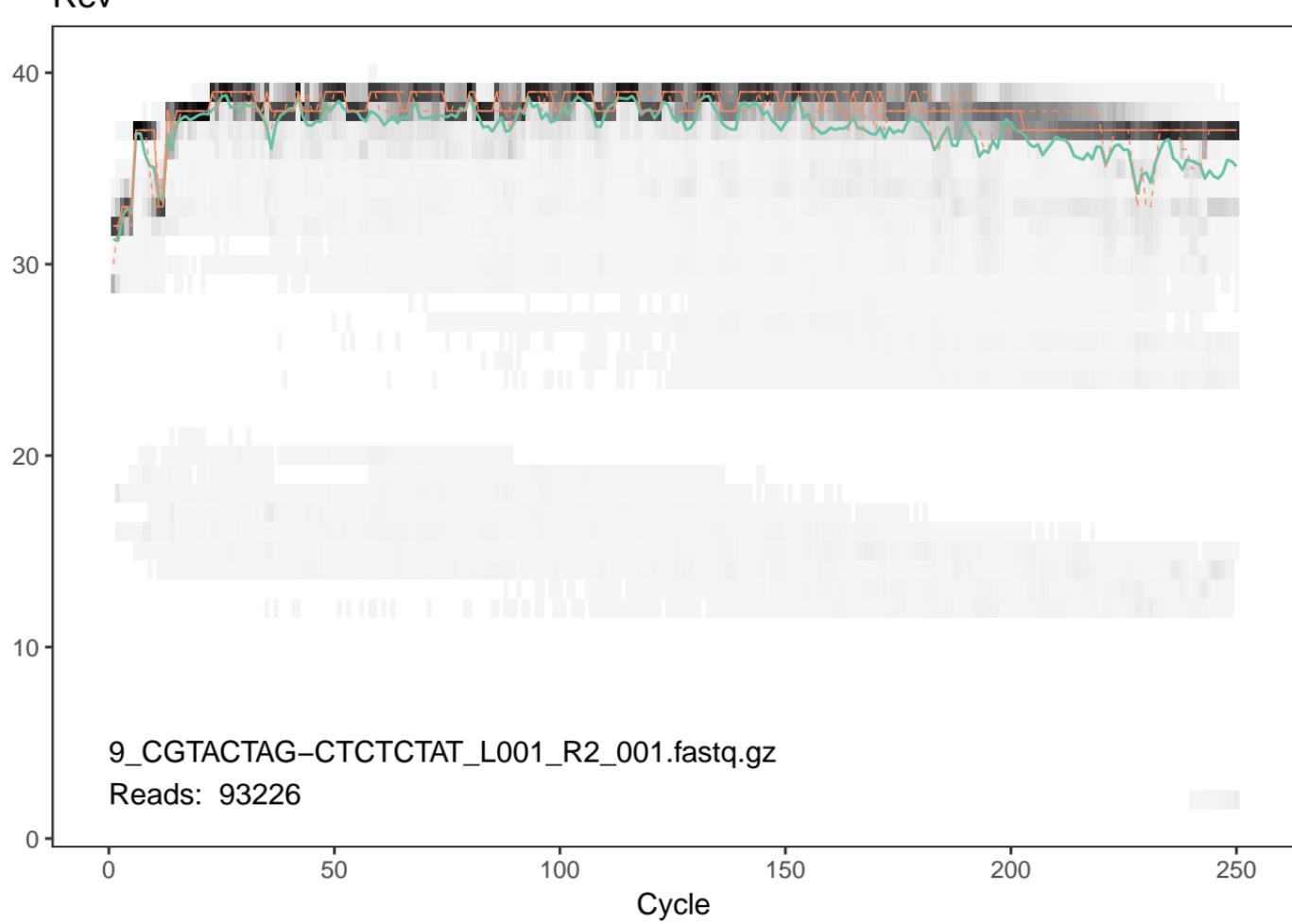
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

90\_ATCTCAGG-TATCCTCT\_L001\_R2\_001.fastq.gz

Reads: 51501

0

50

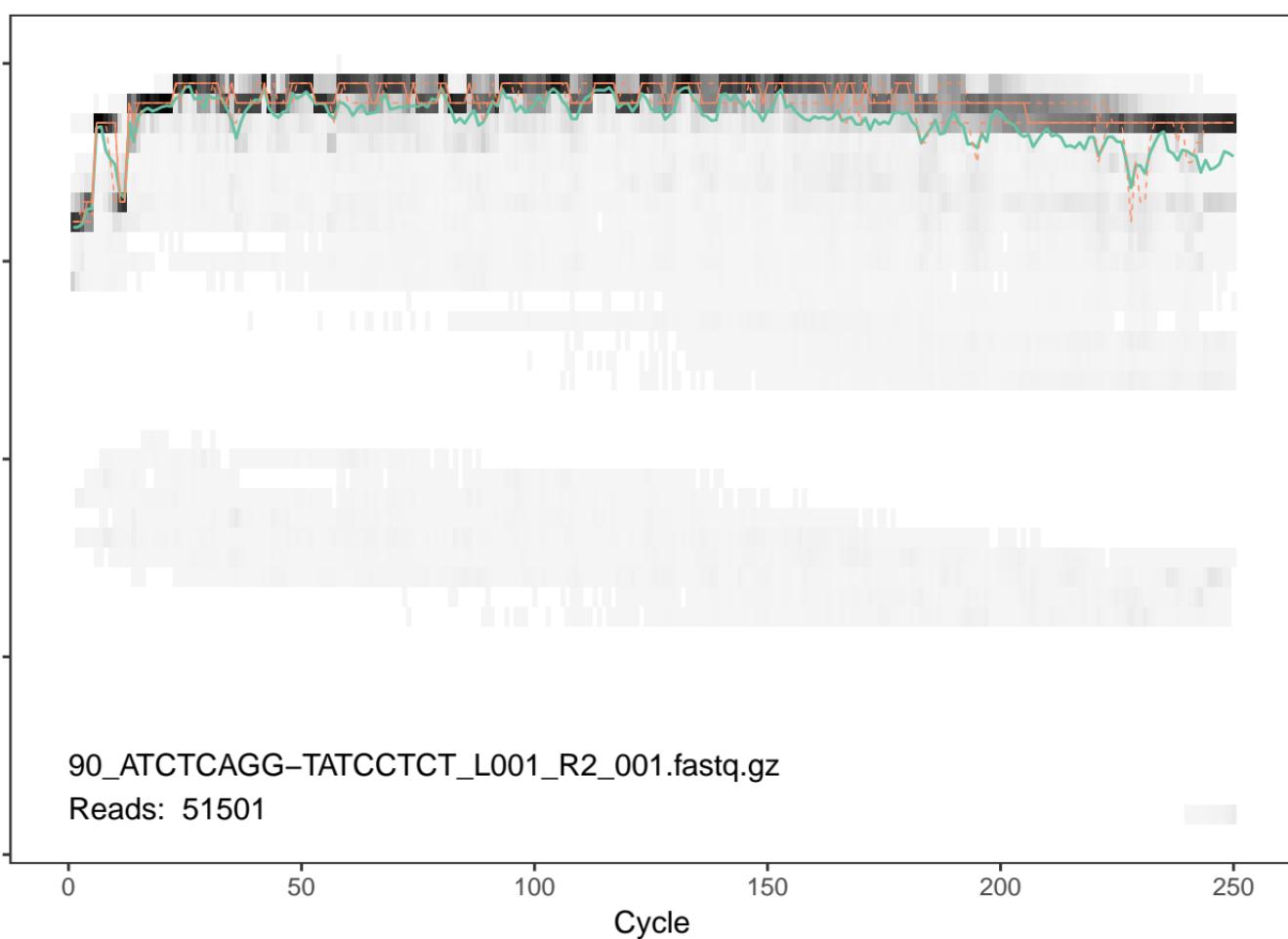
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

10

0

91\_ATCTCAGG-GTAAGGAG\_L001\_R2\_001.fastq.gz

Reads: 70382

0

50

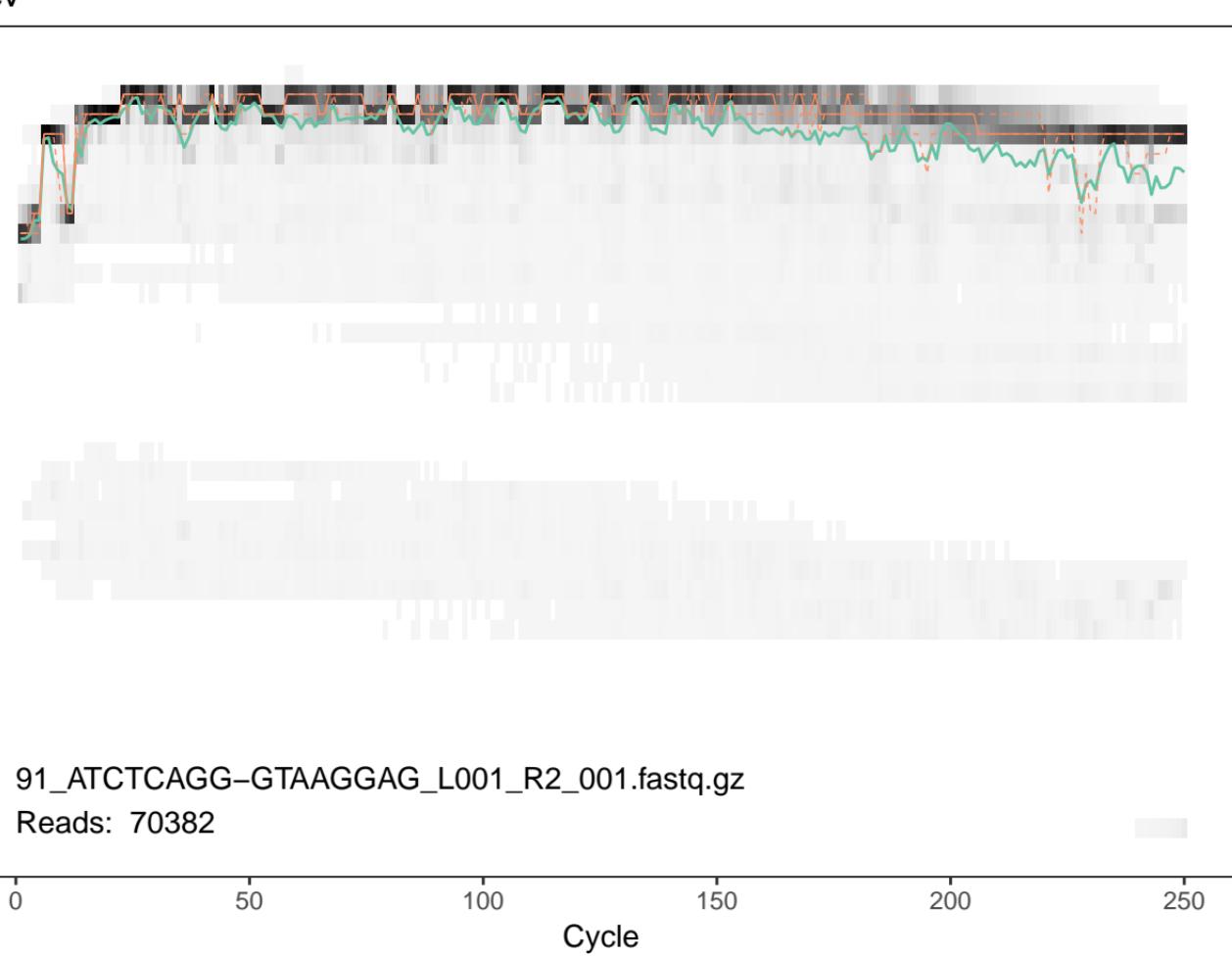
100

150

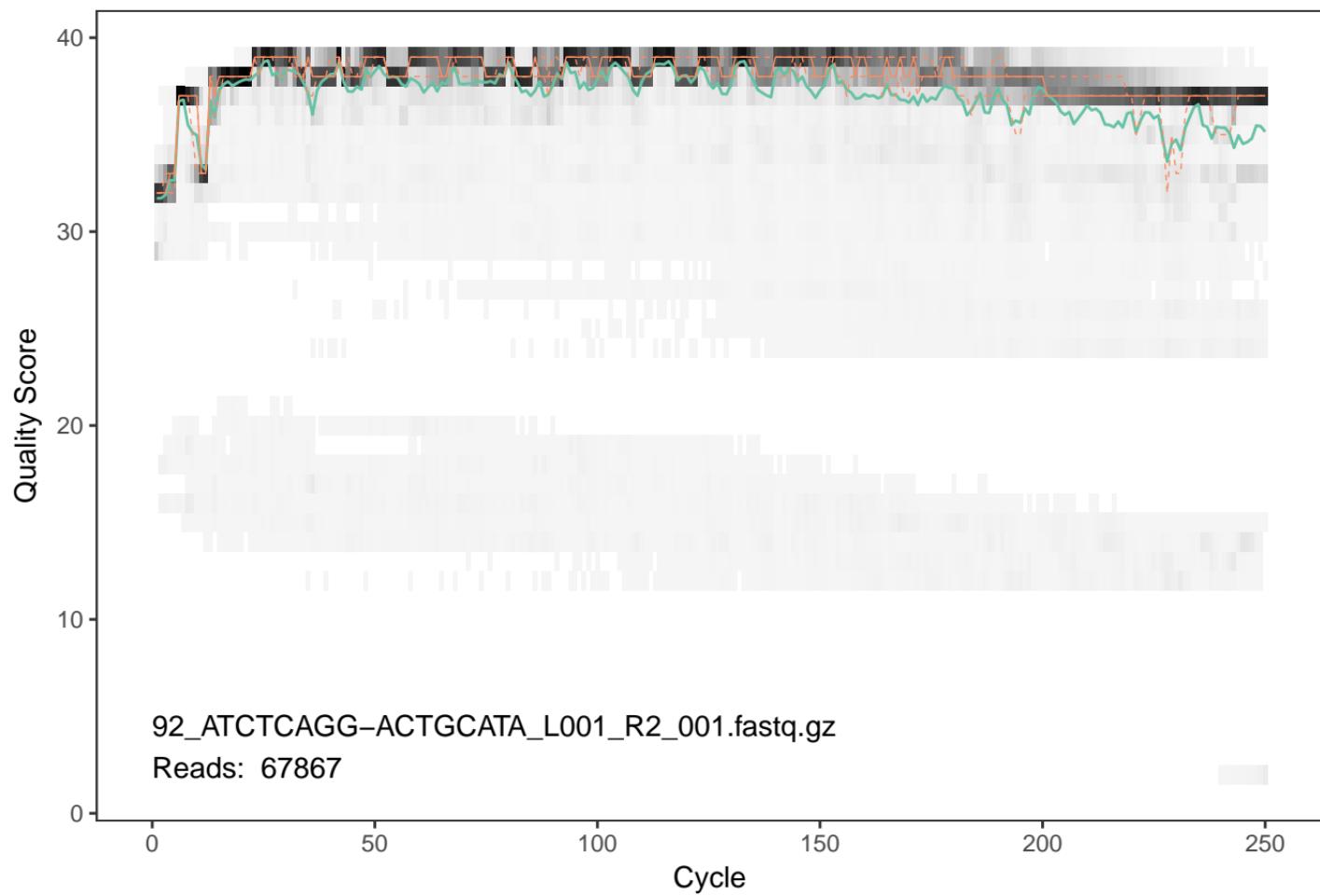
200

250

Cycle

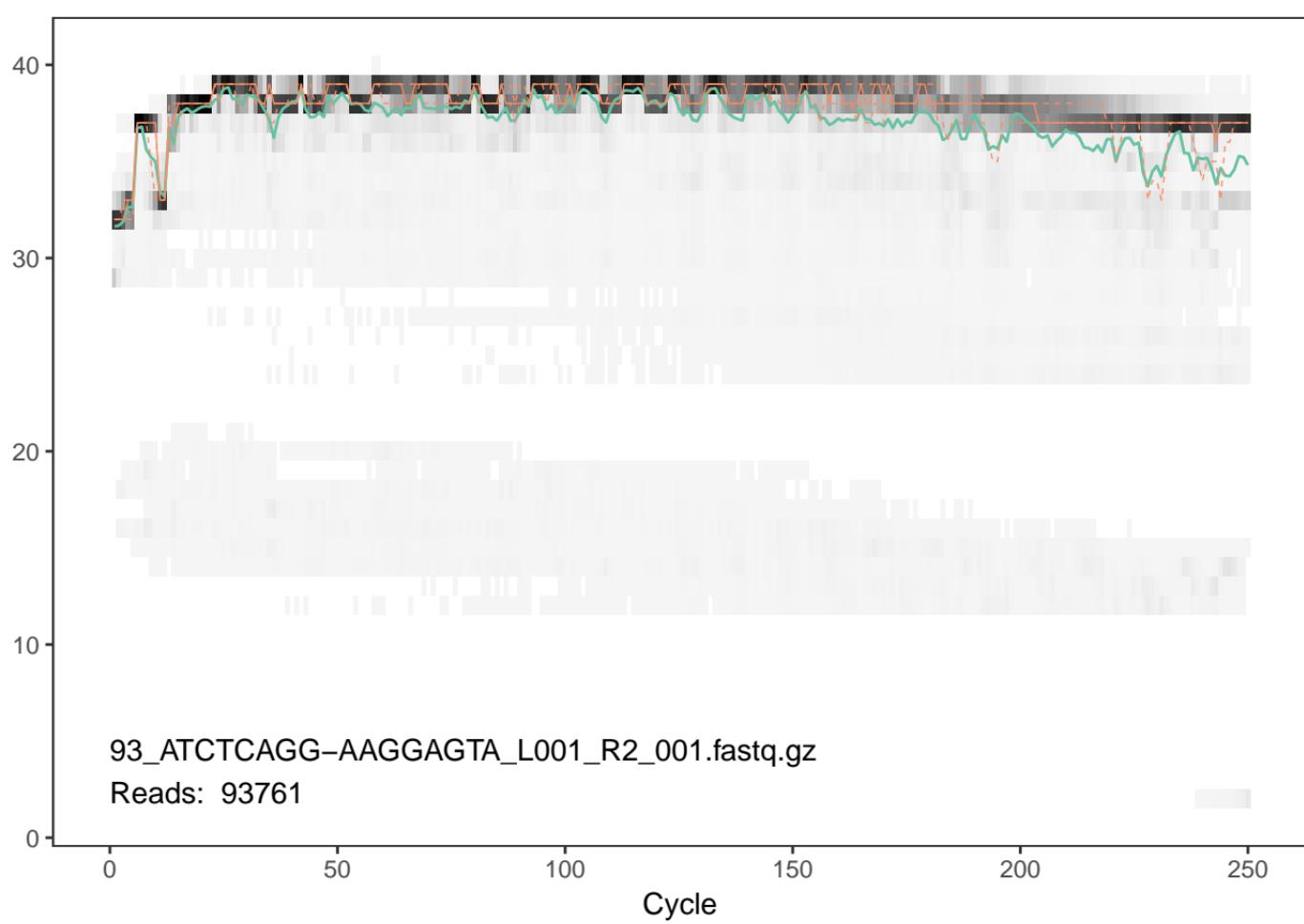


Rev



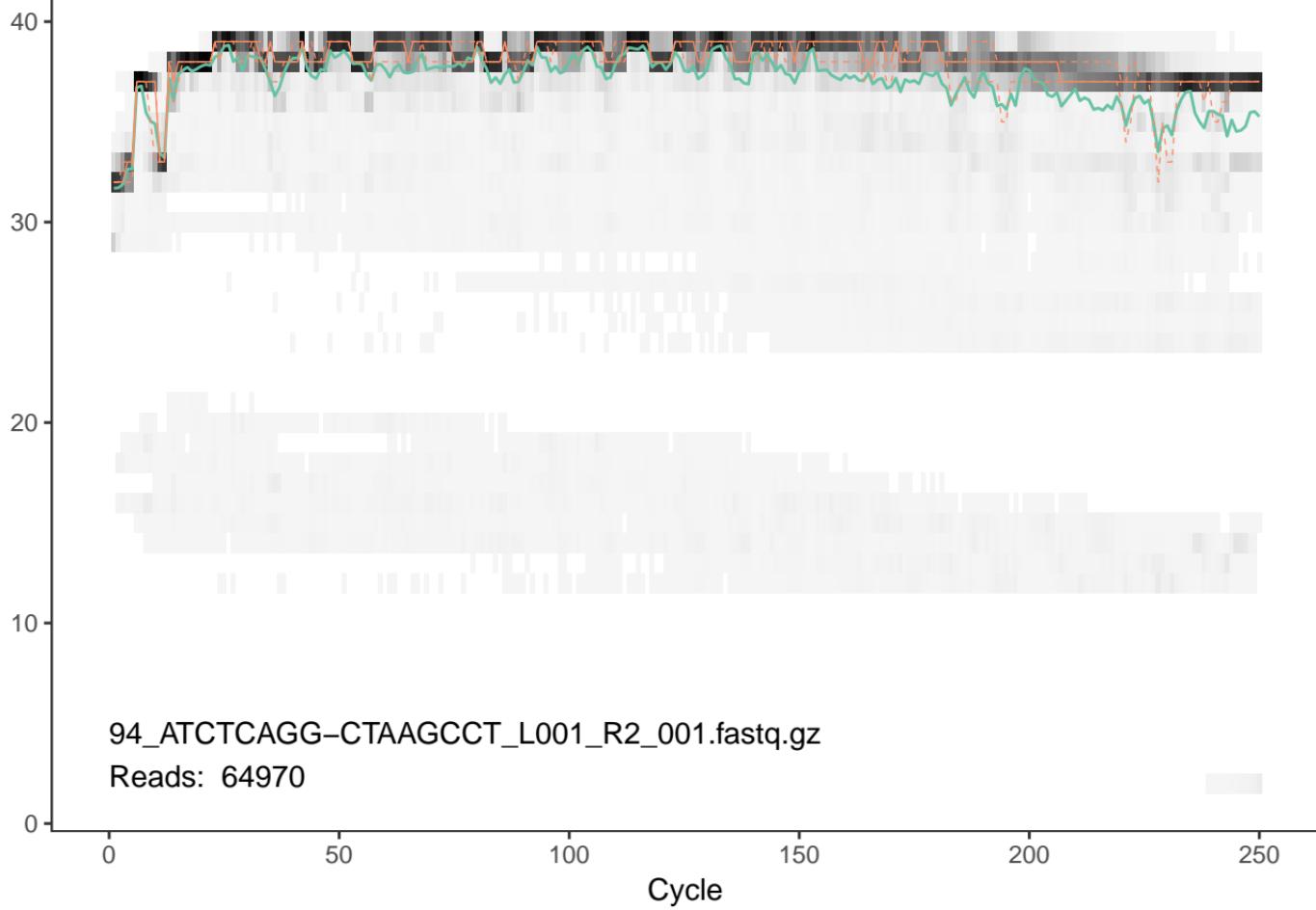
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

95\_ATCTCAGG-CGTCTAAT\_L001\_R2\_001.fastq.gz

Reads: 129520

Cycle

0

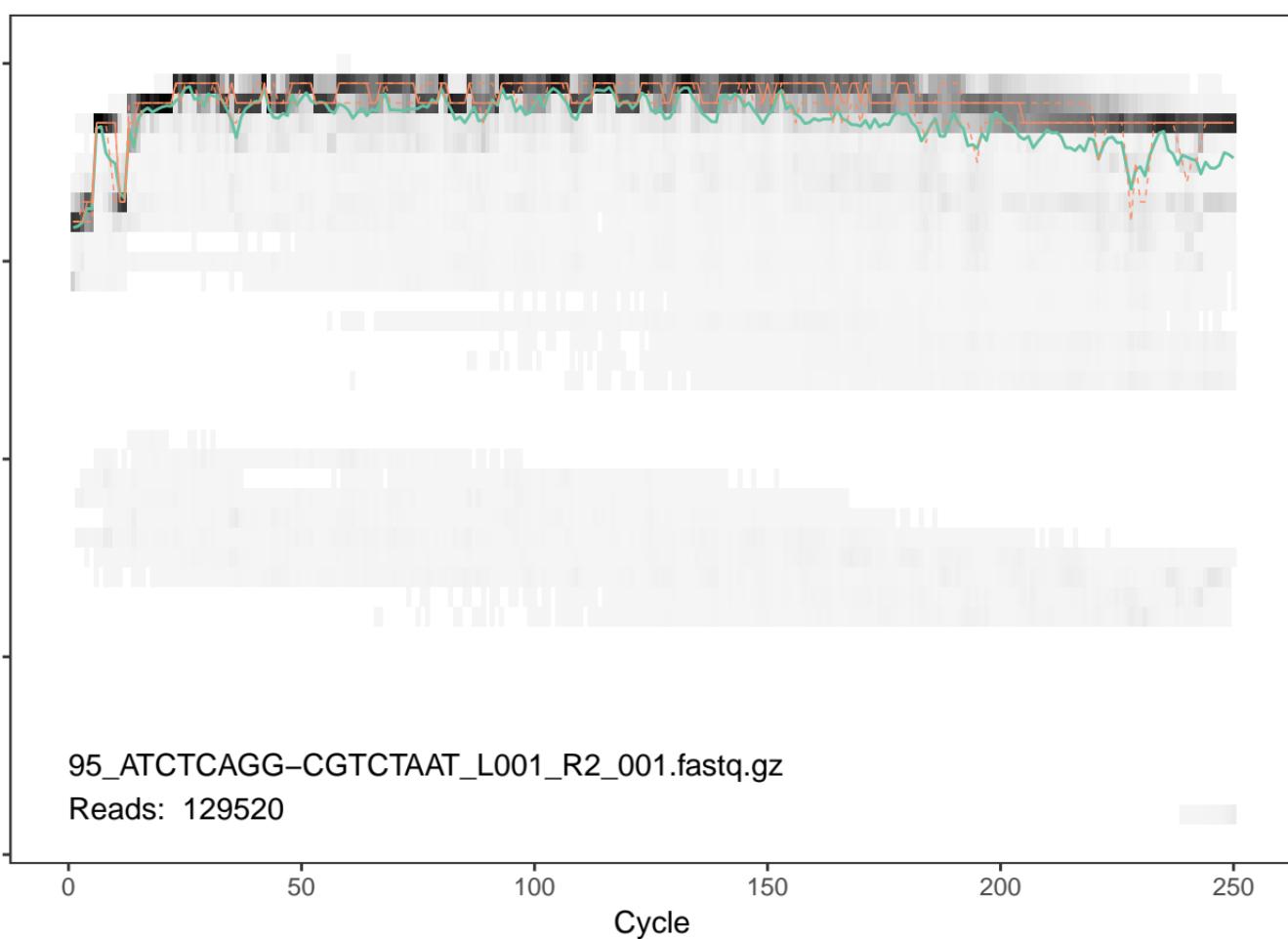
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100

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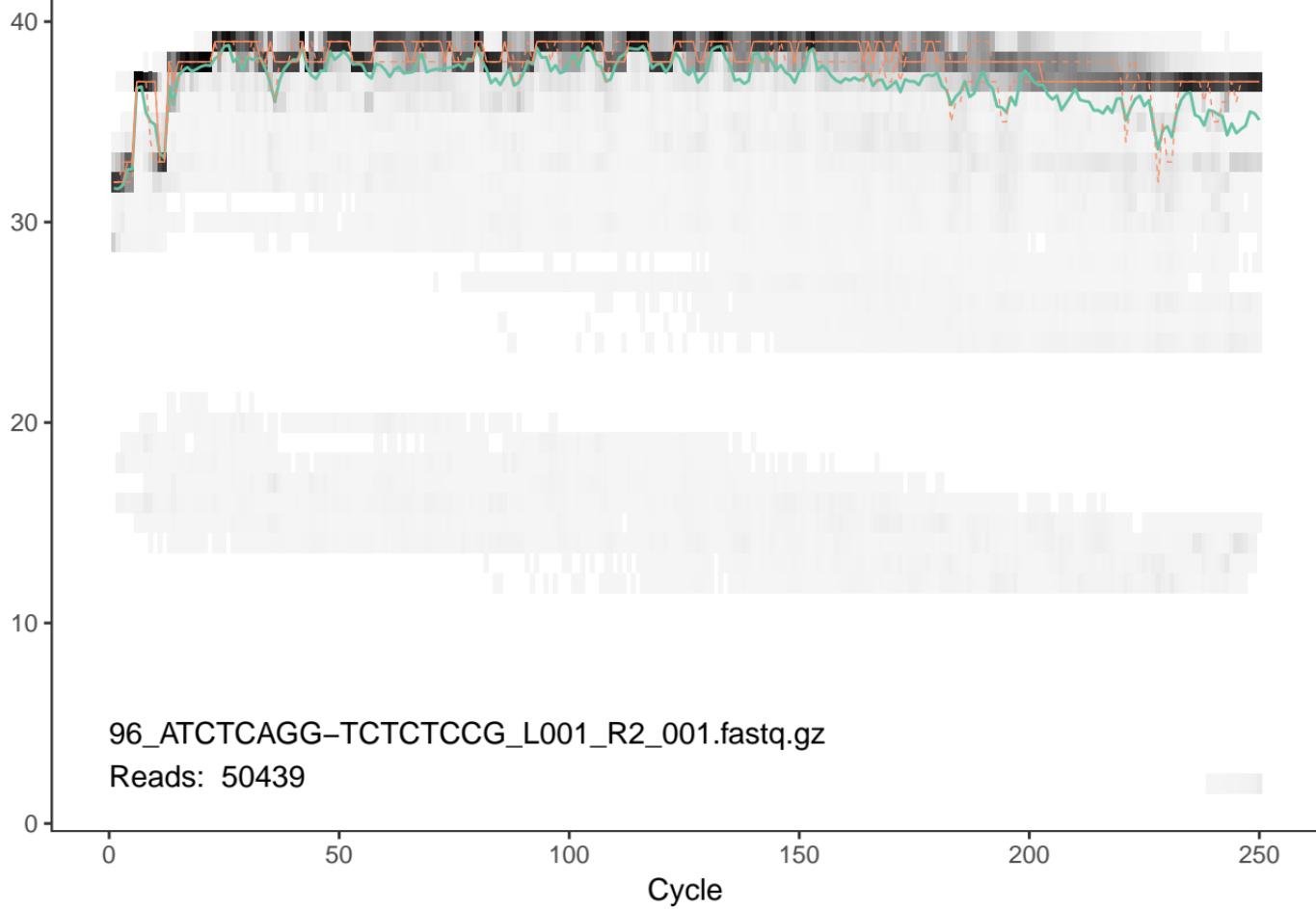
200

250



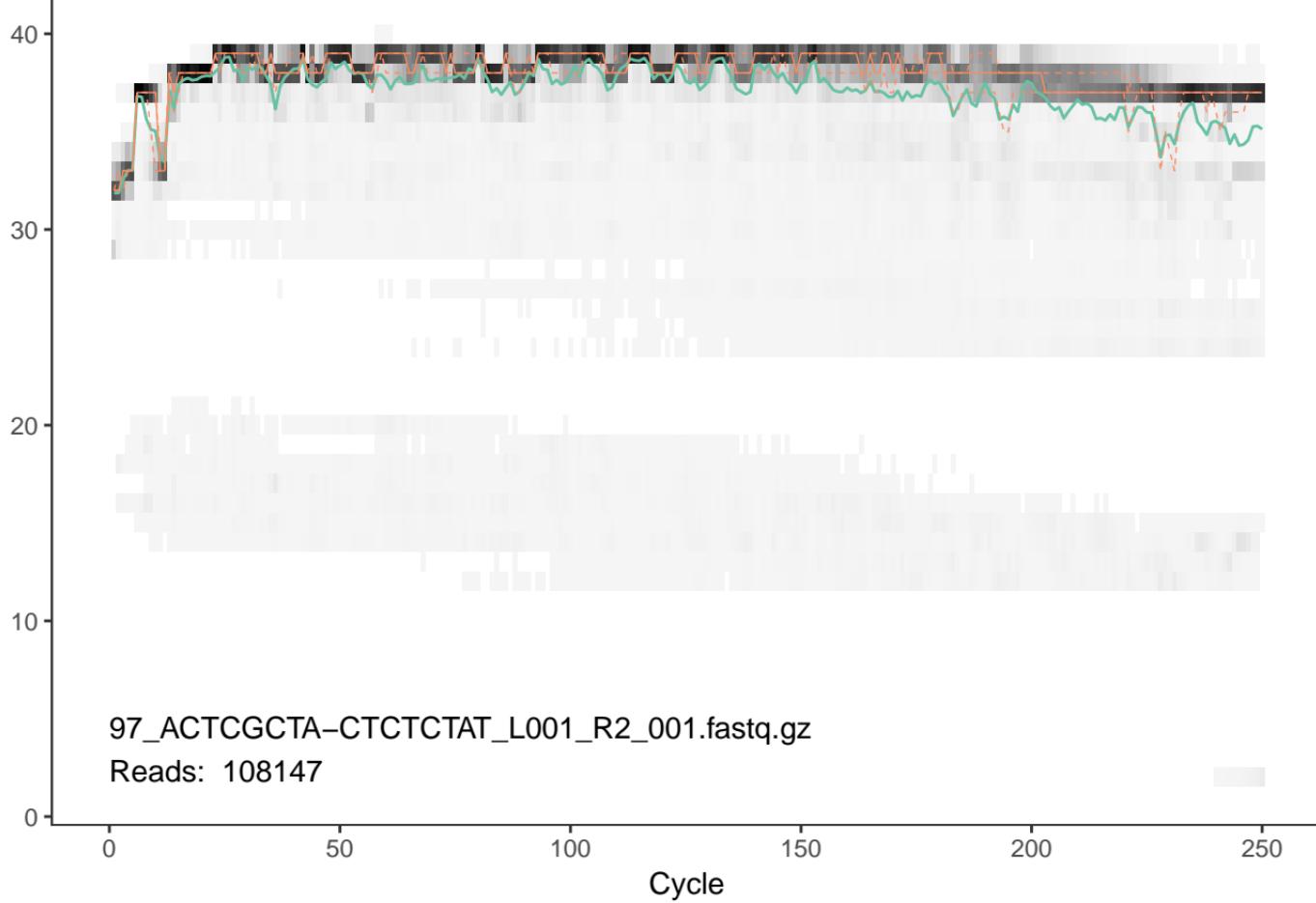
Rev

Quality Score



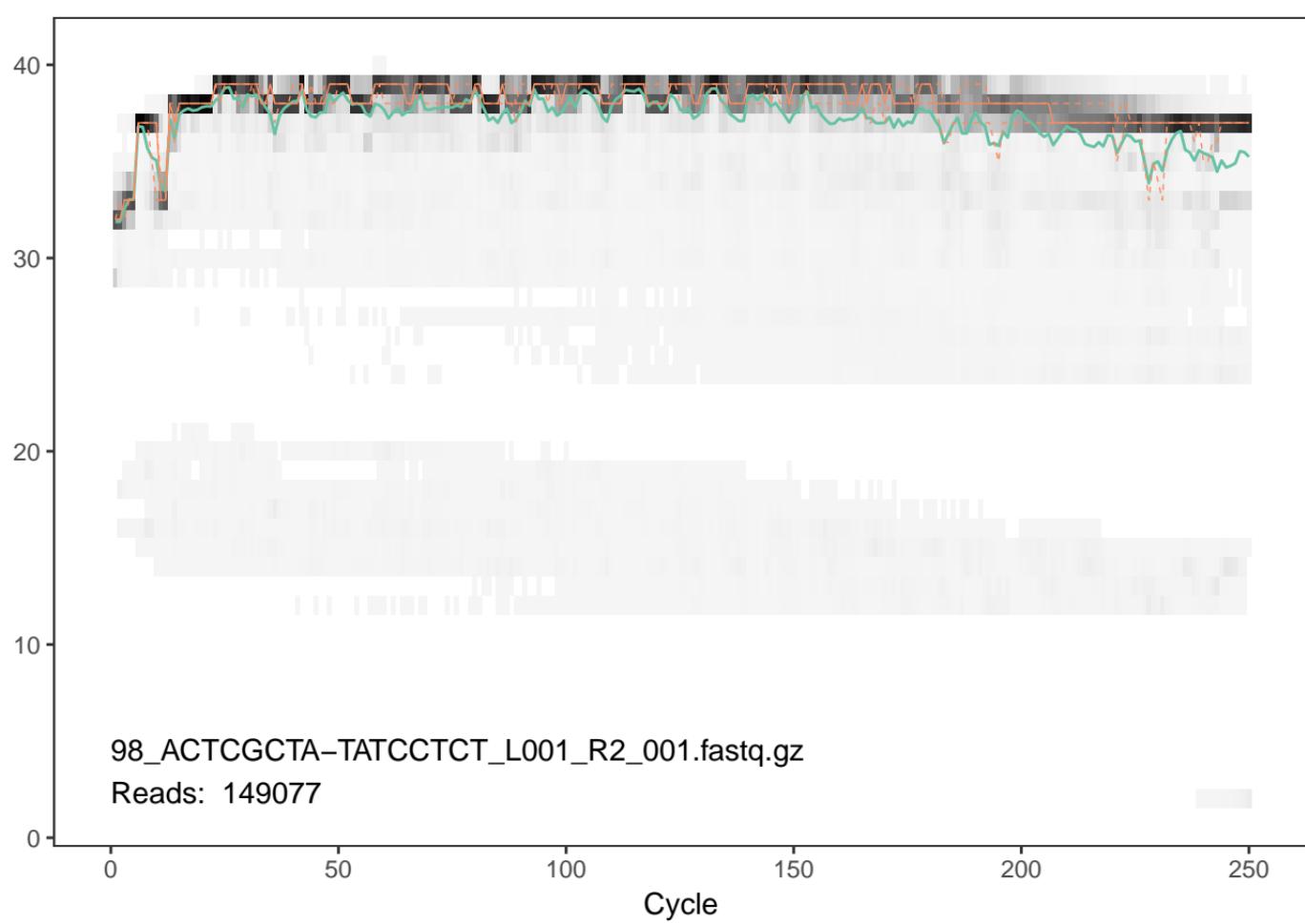
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

