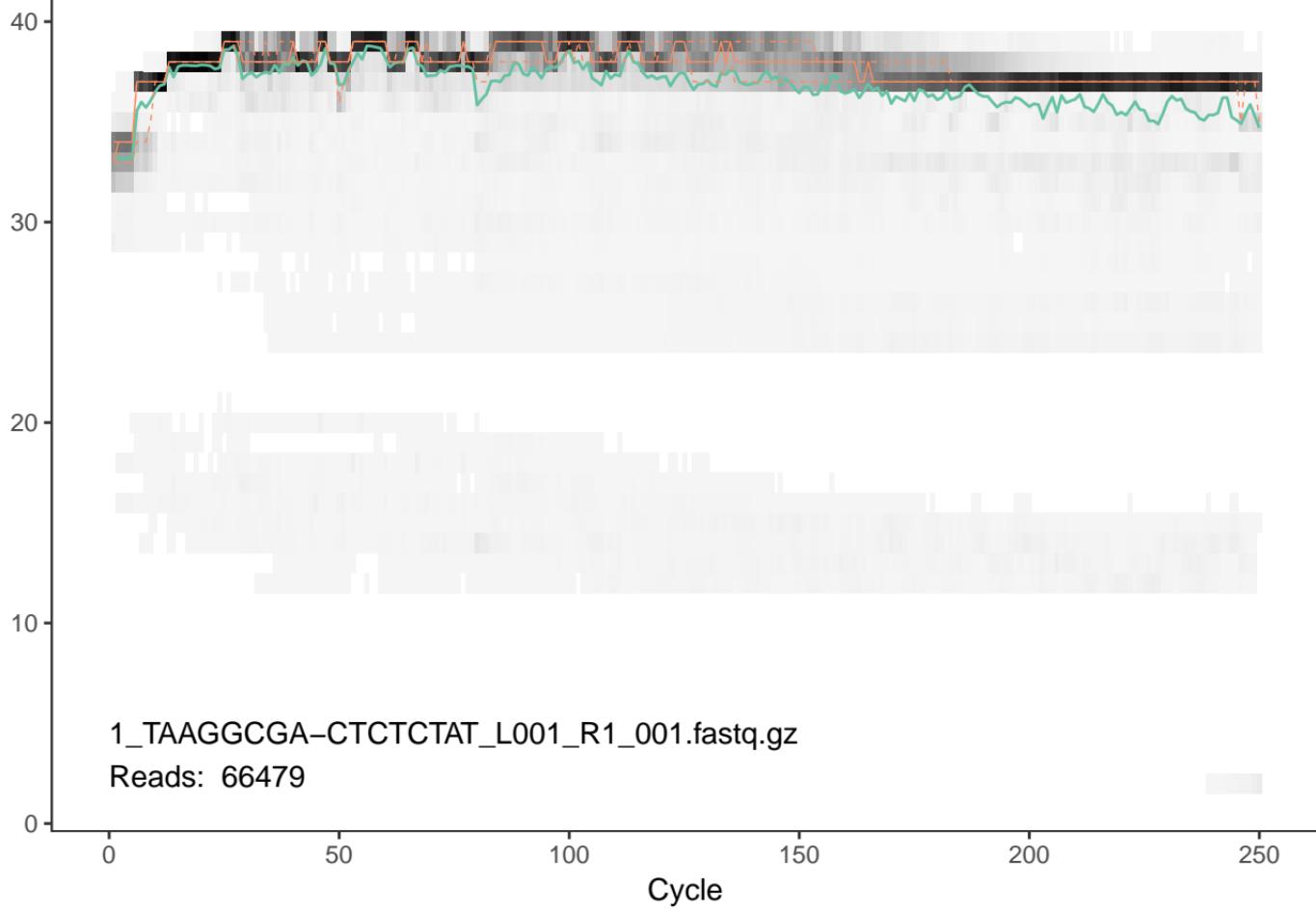


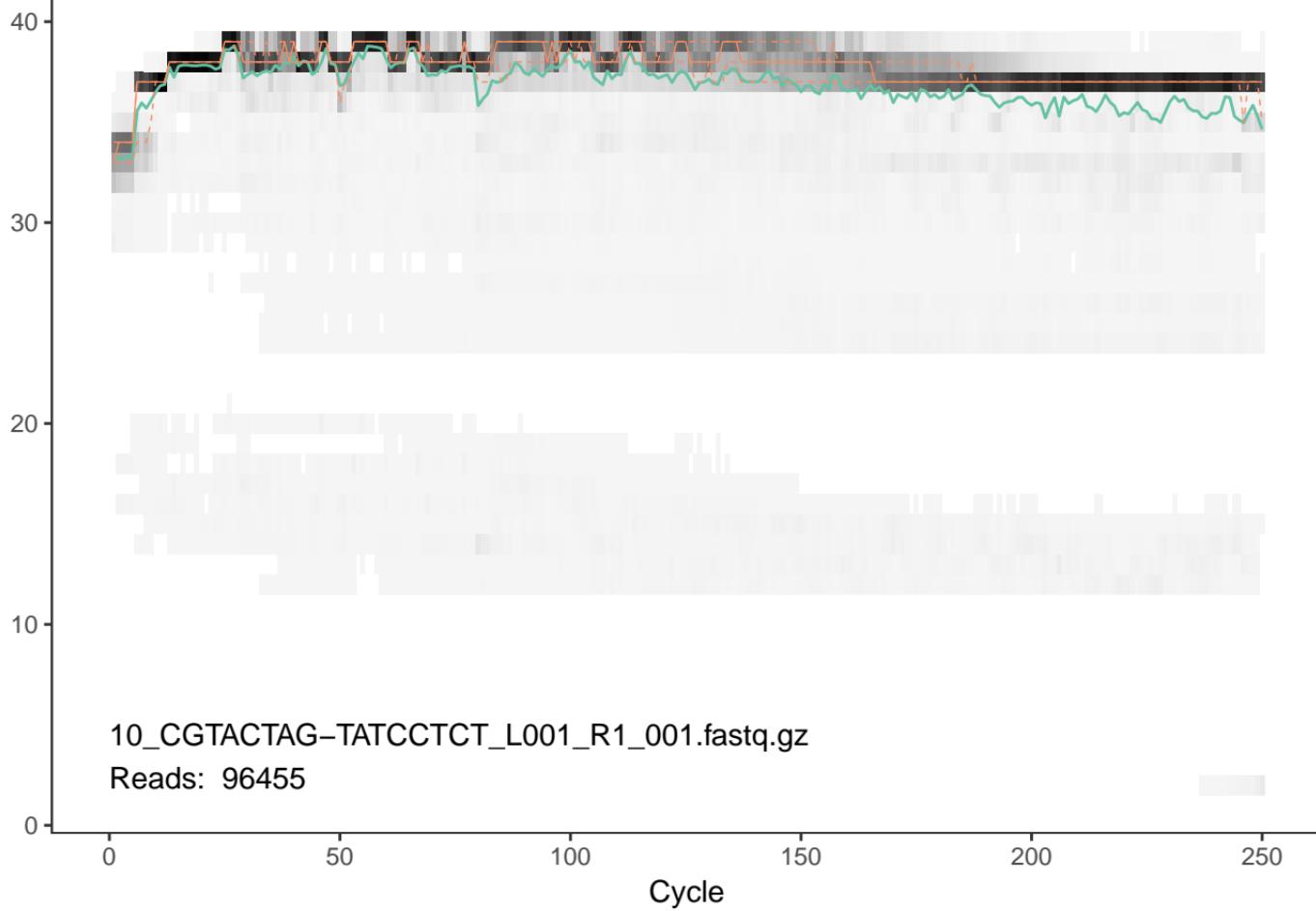
Fwd

Quality Score



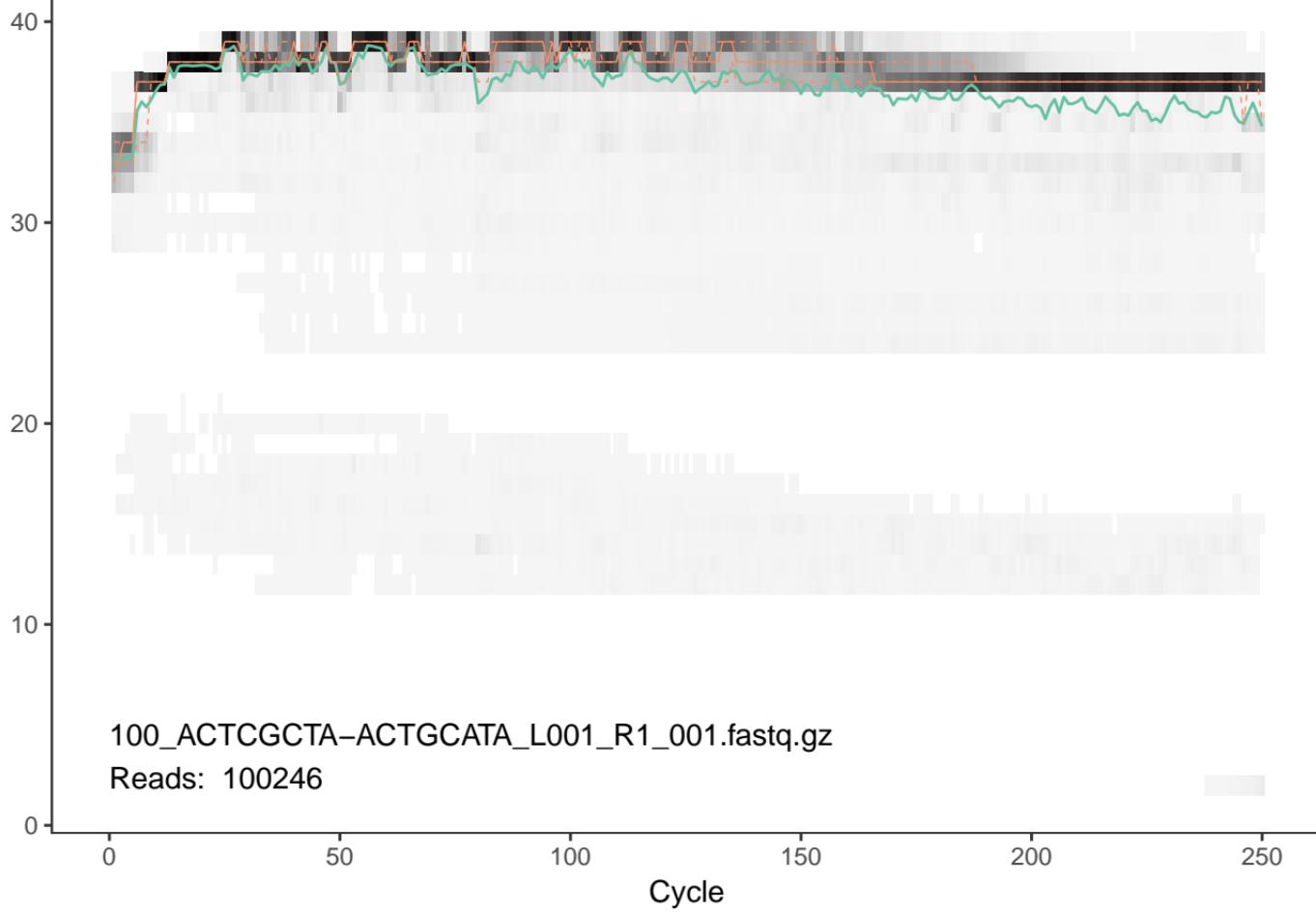
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Quality Score



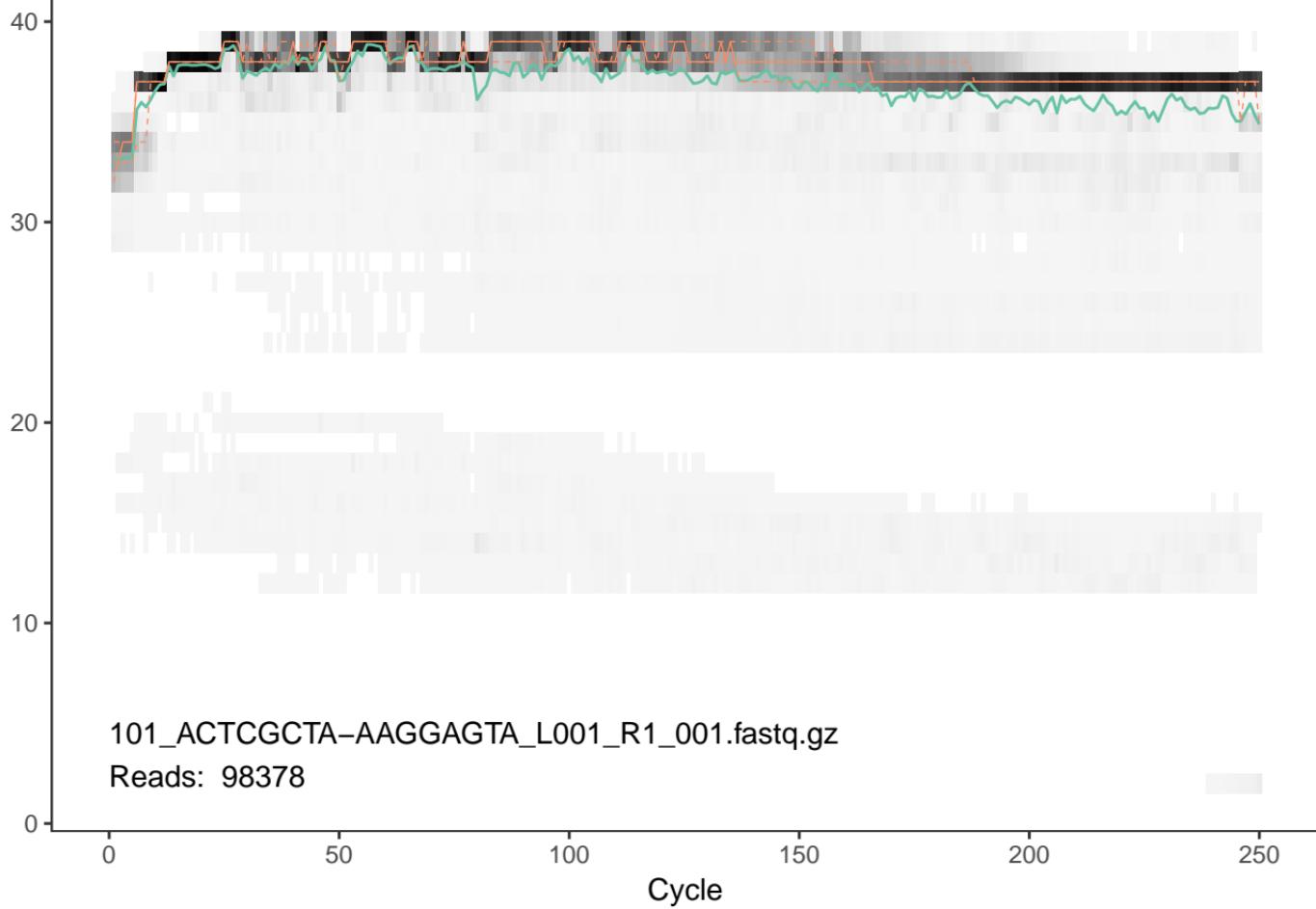
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Quality Score



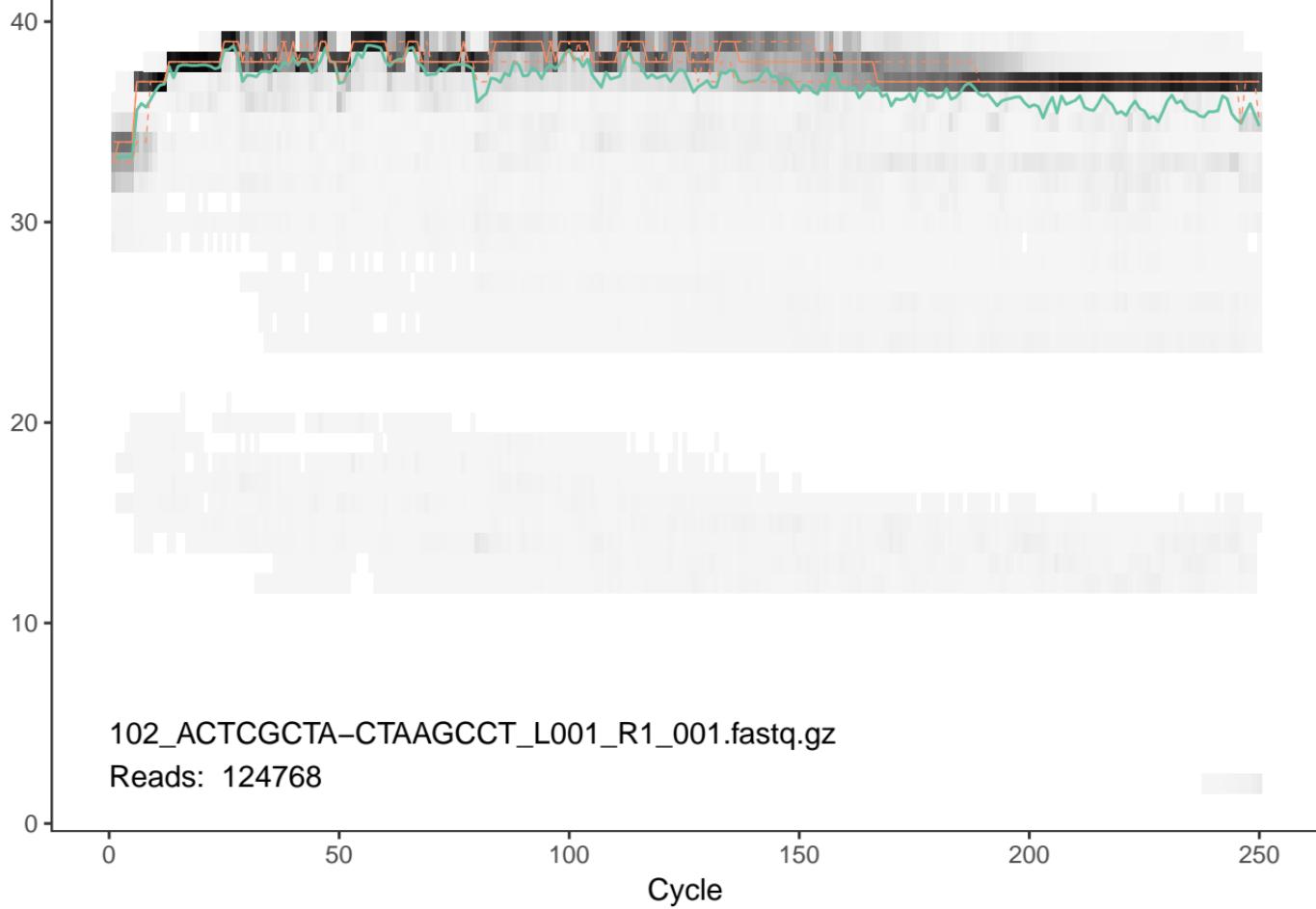
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Quality Score



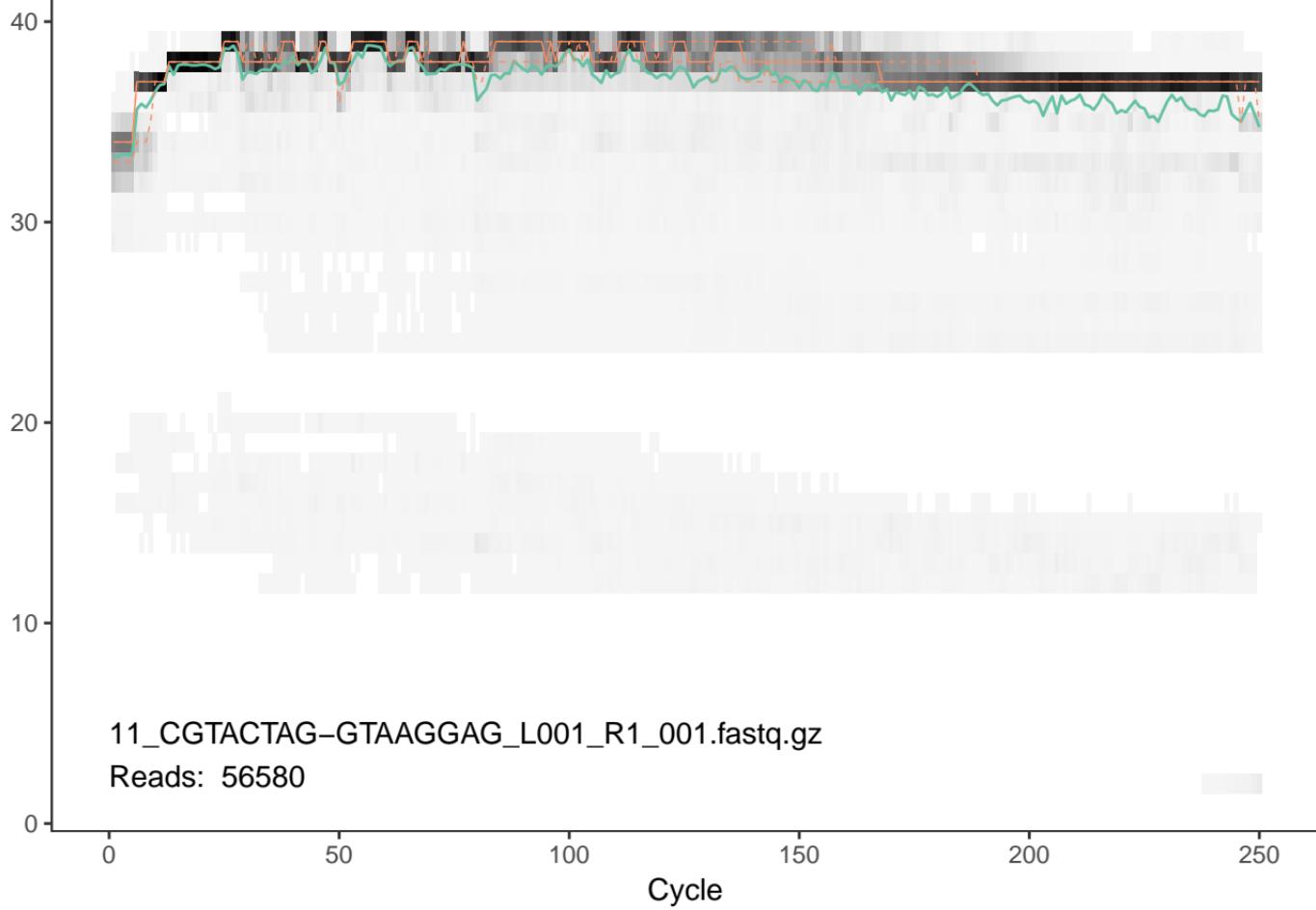
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Quality Score



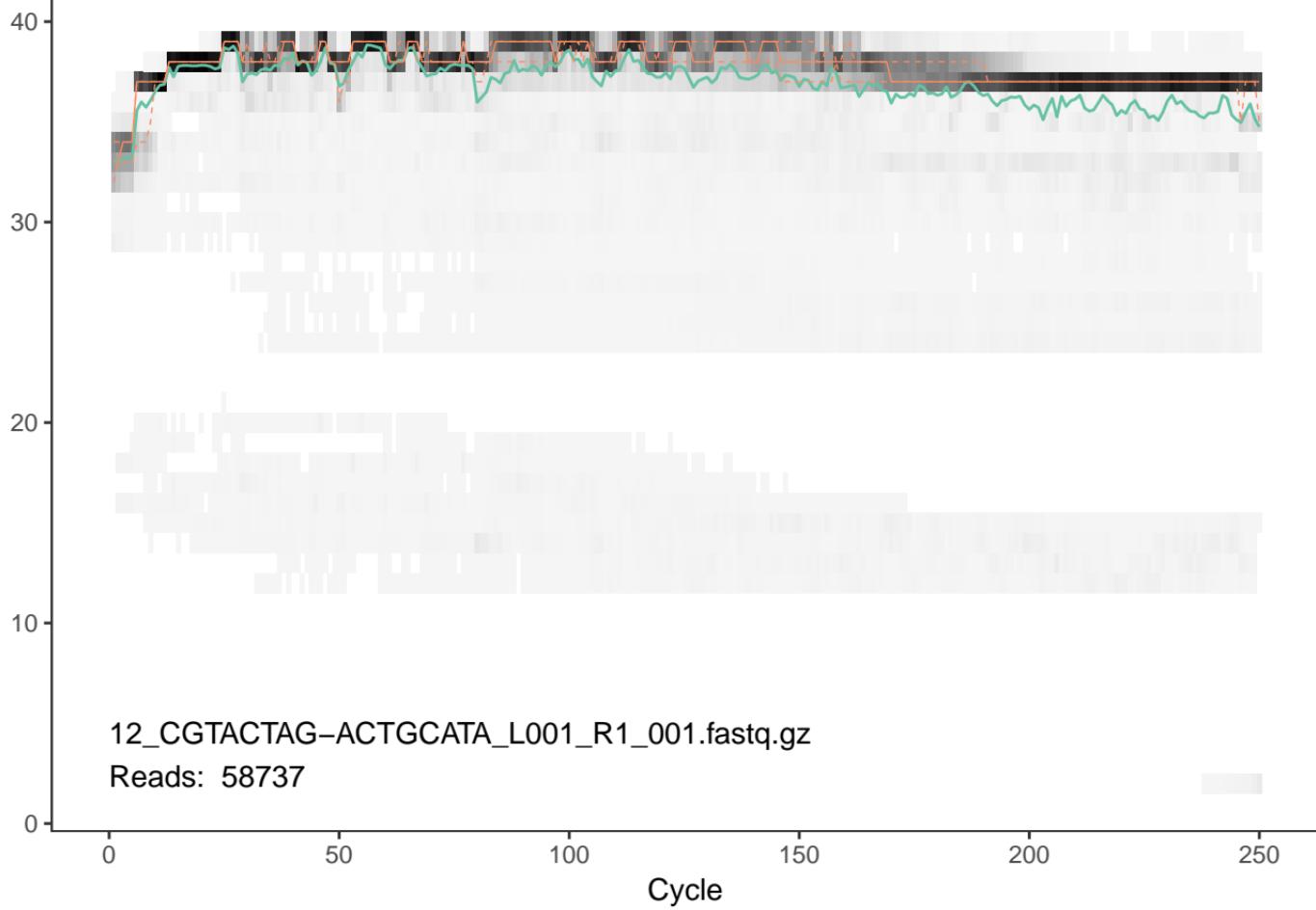
Fwd

Quality Score



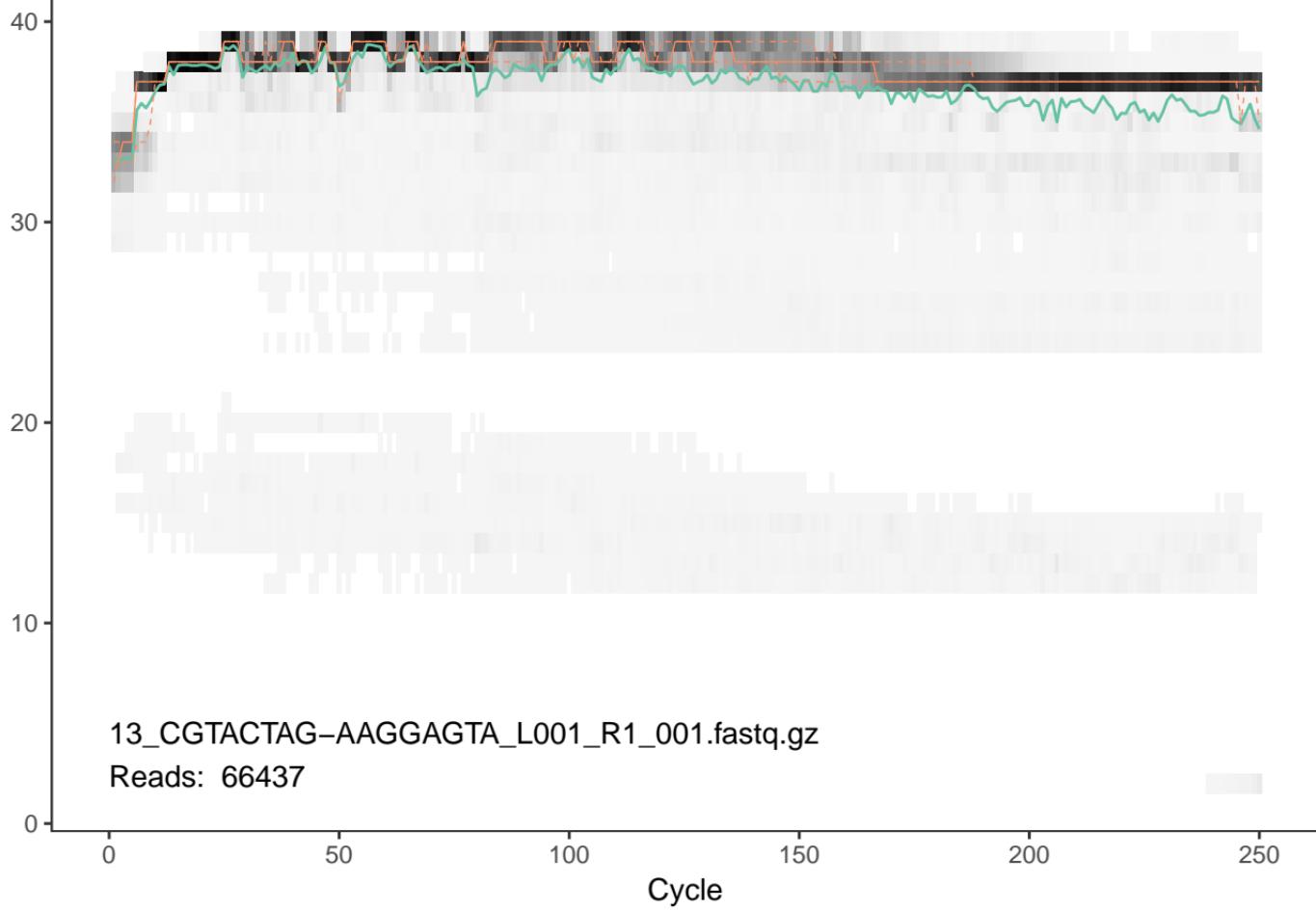
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Quality Score



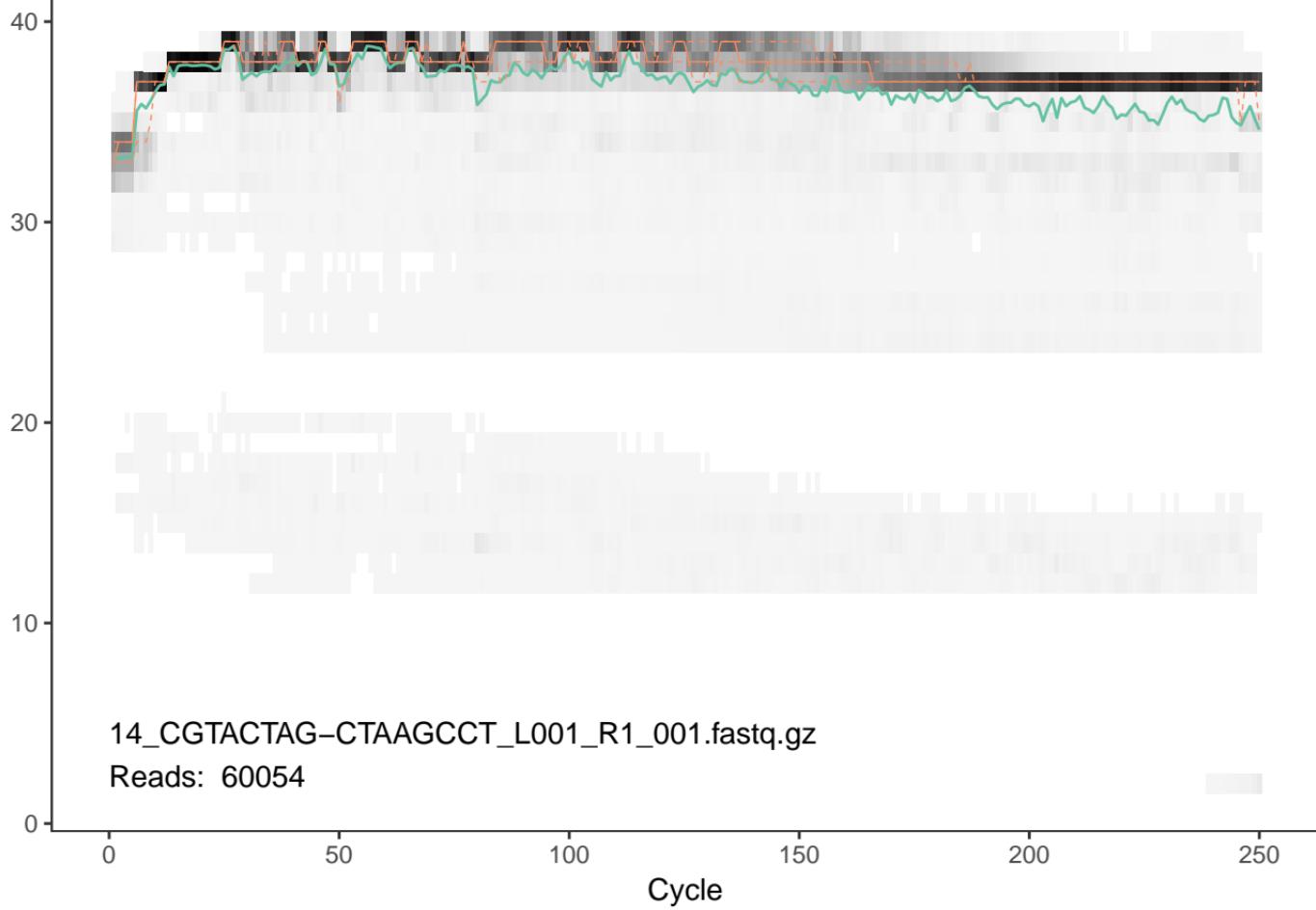
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Quality Score



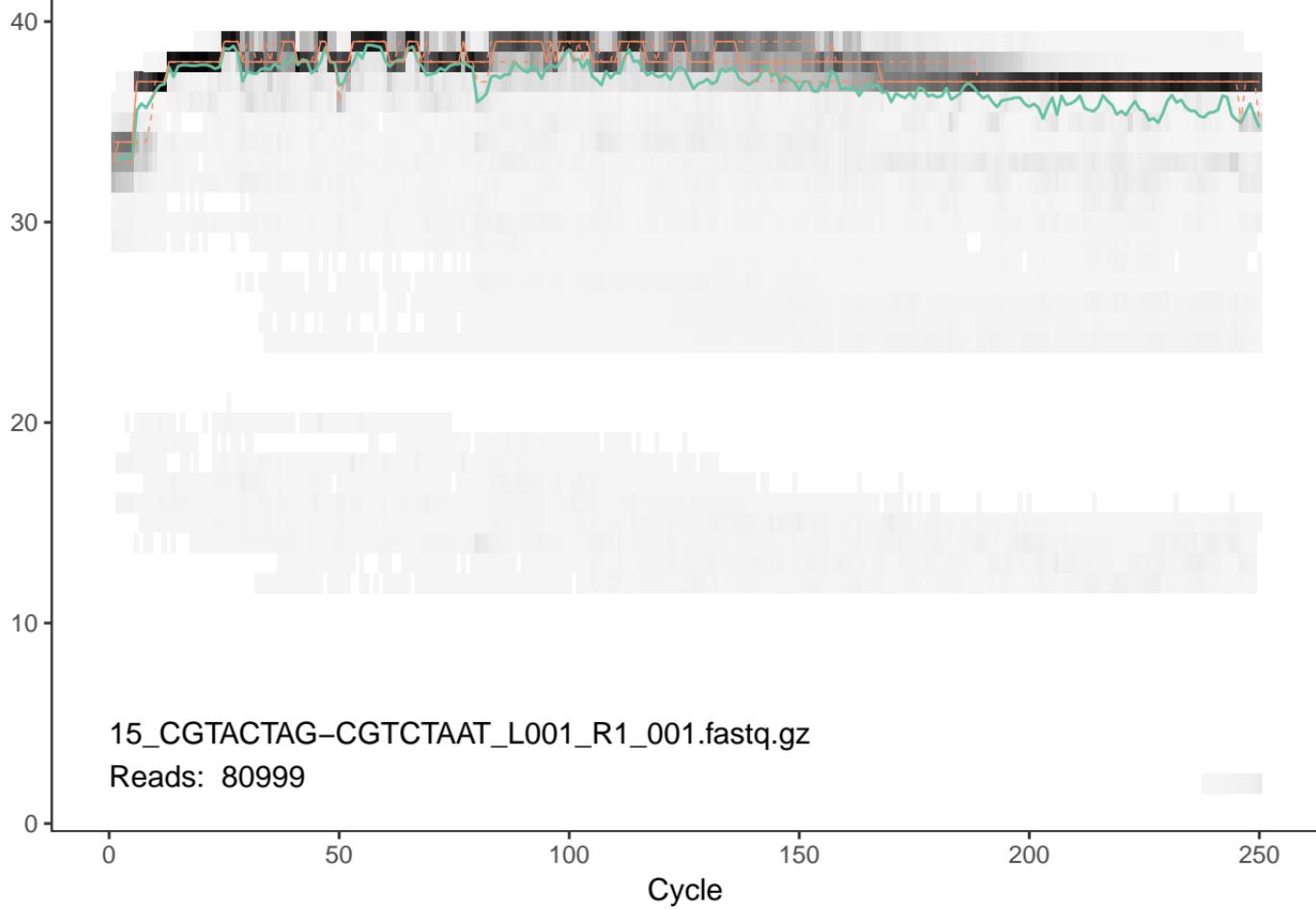
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Quality Score



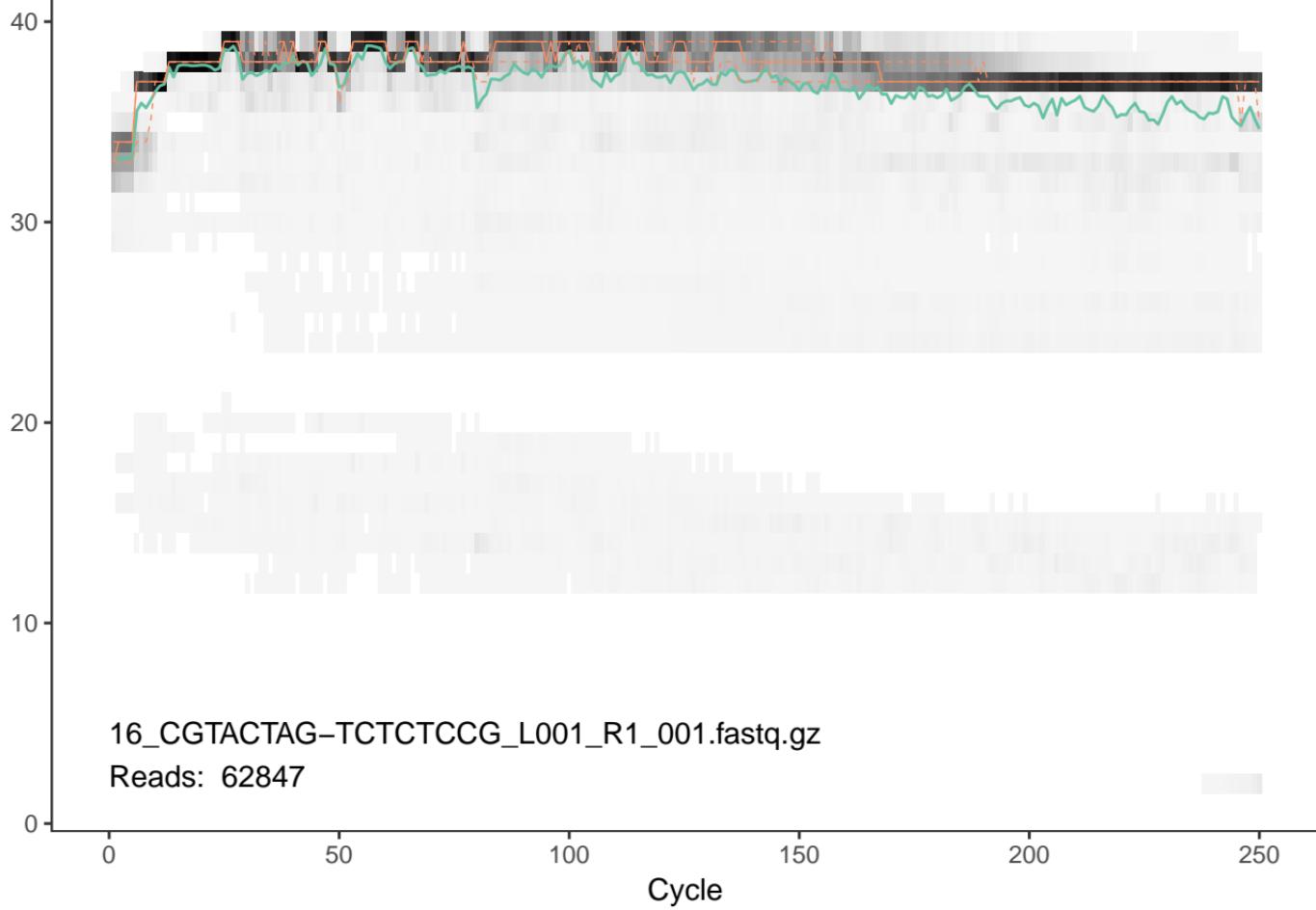
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Quality Score



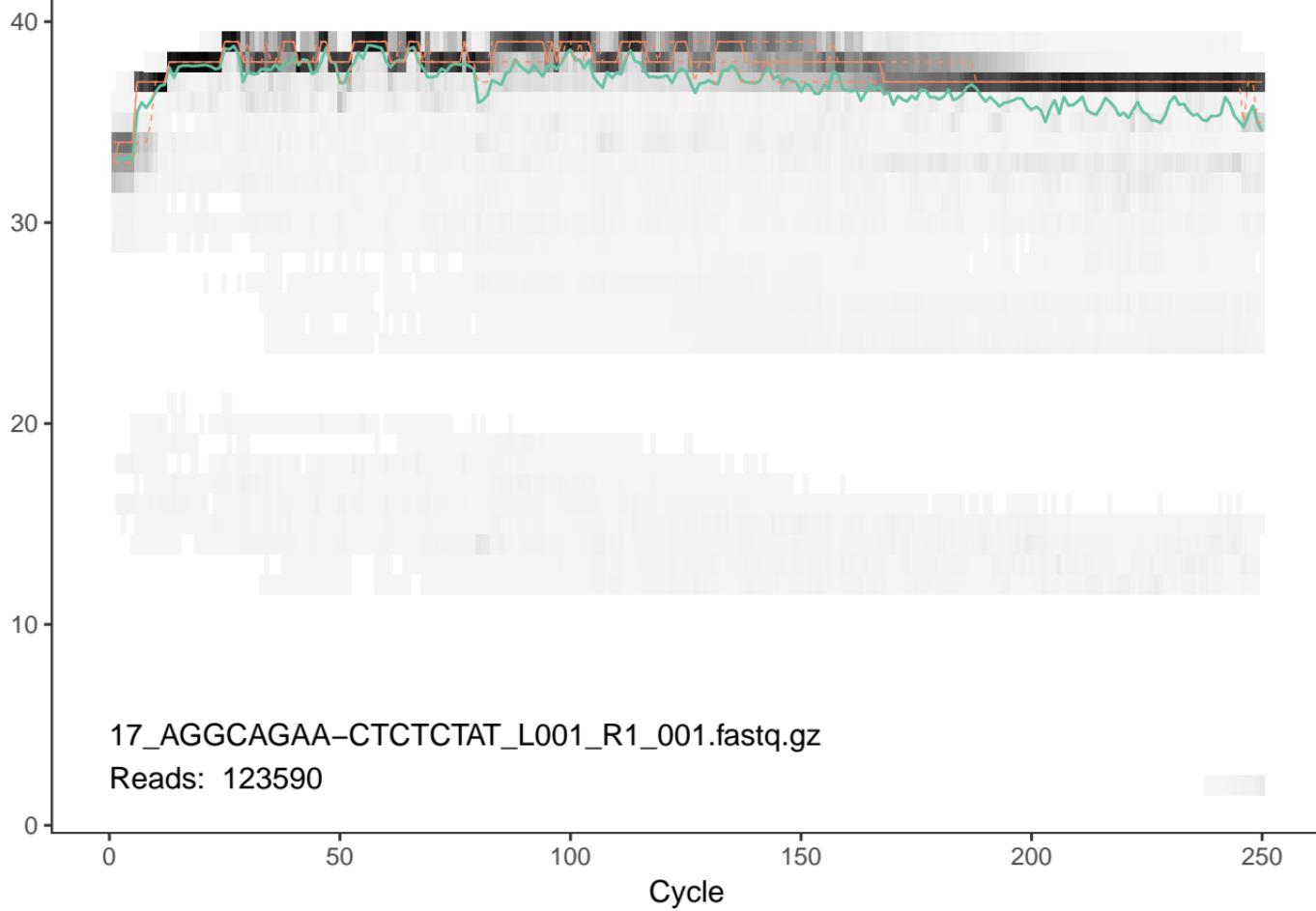
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Quality Score



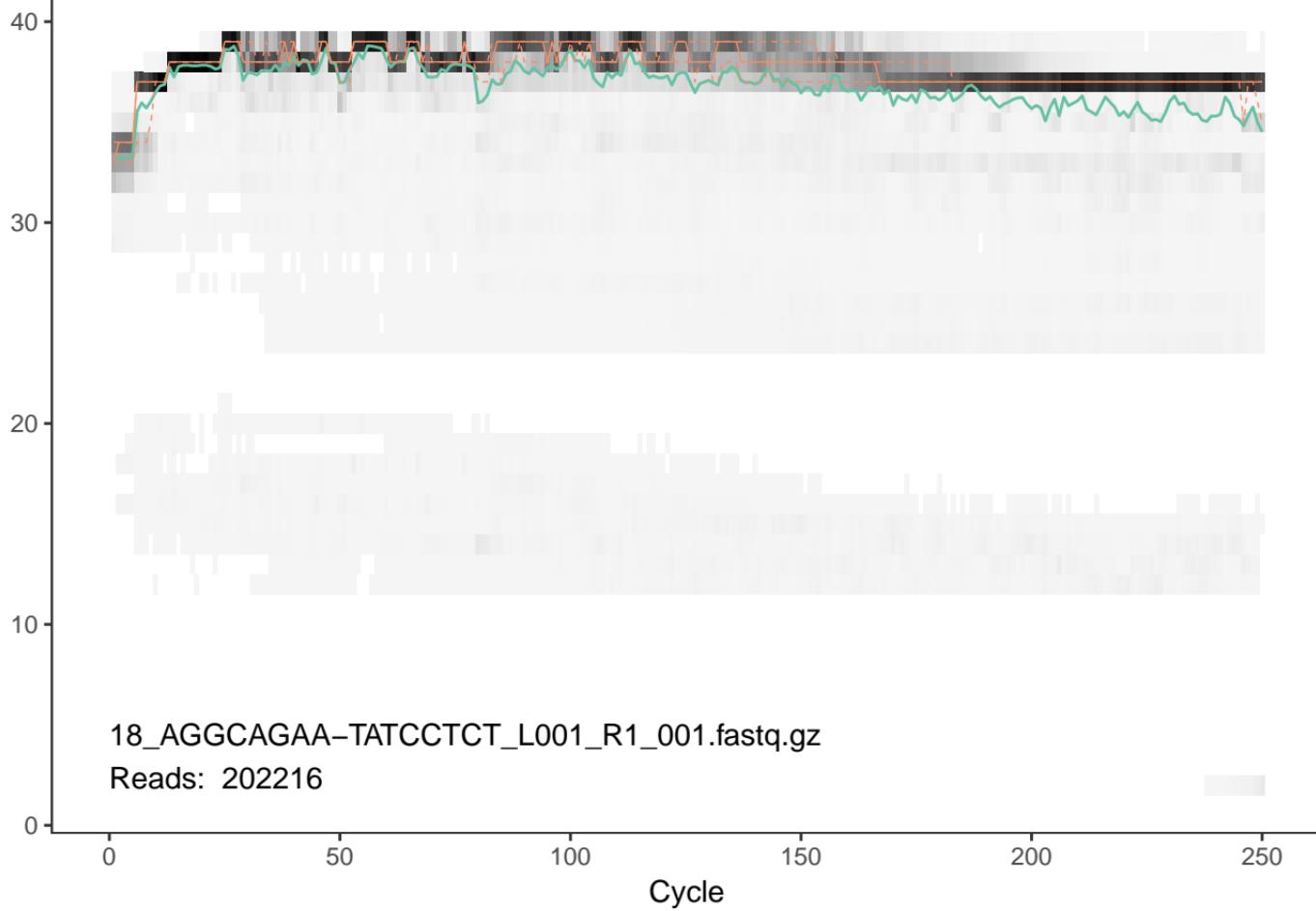
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Quality Score



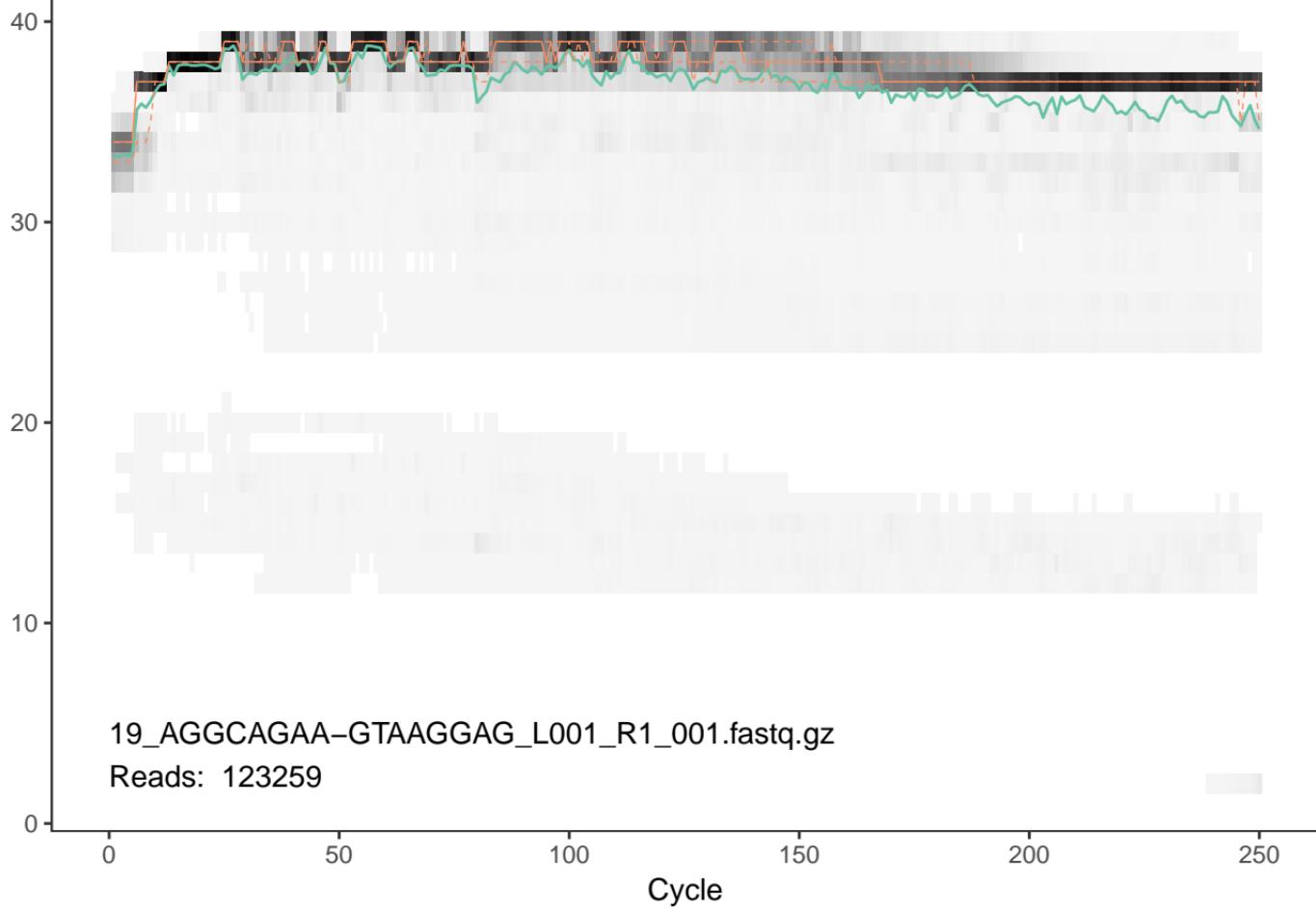
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Quality Score



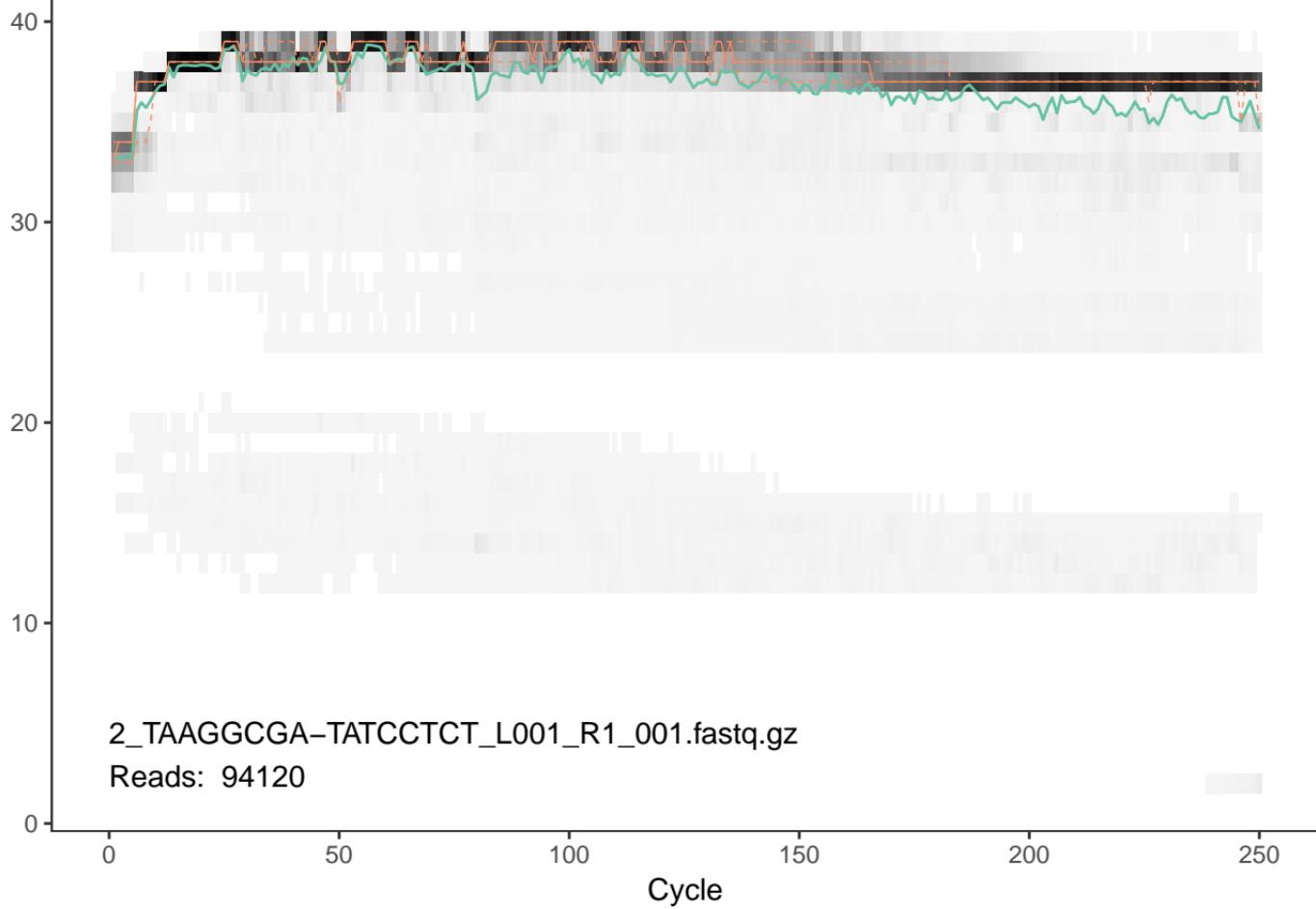
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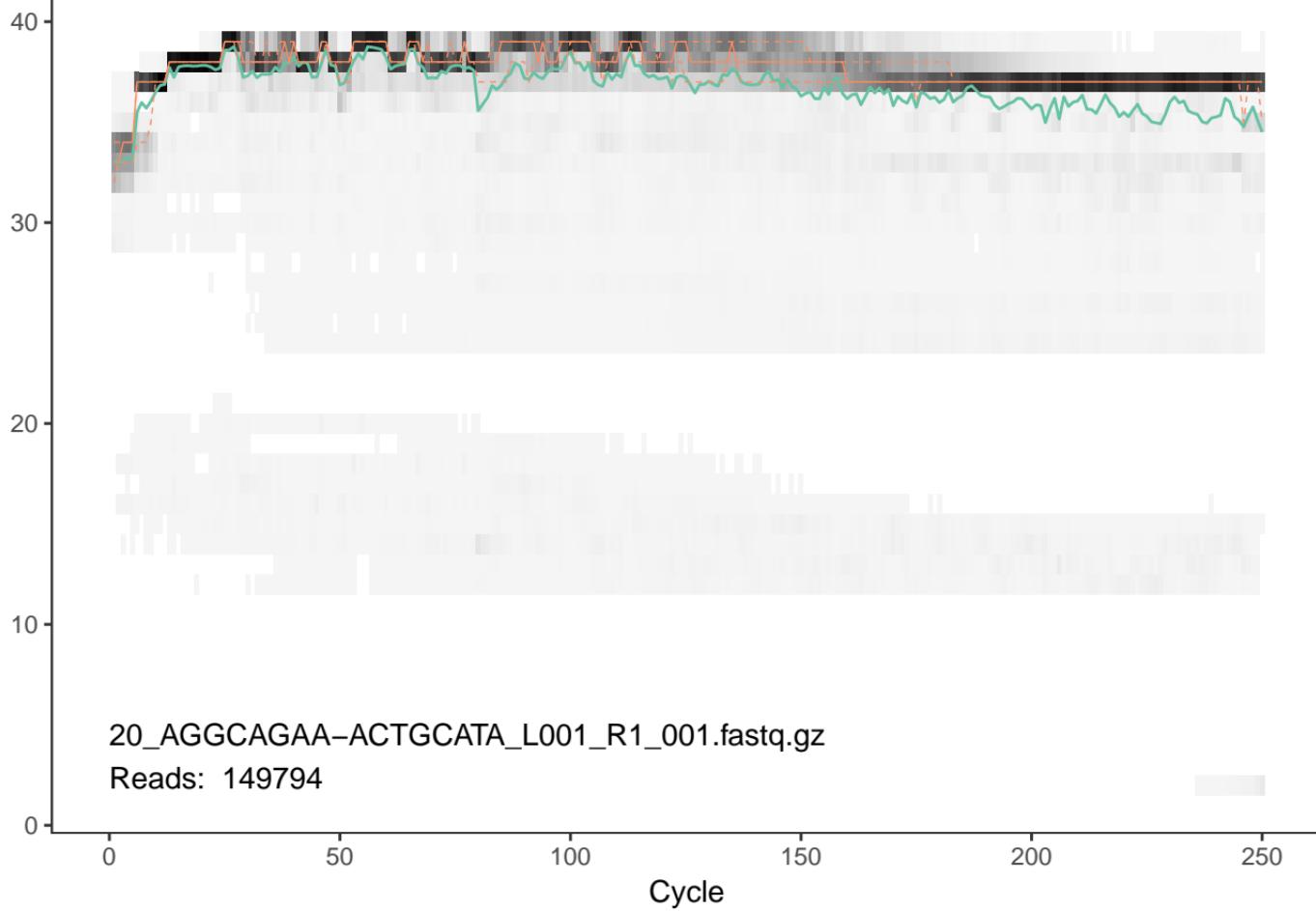
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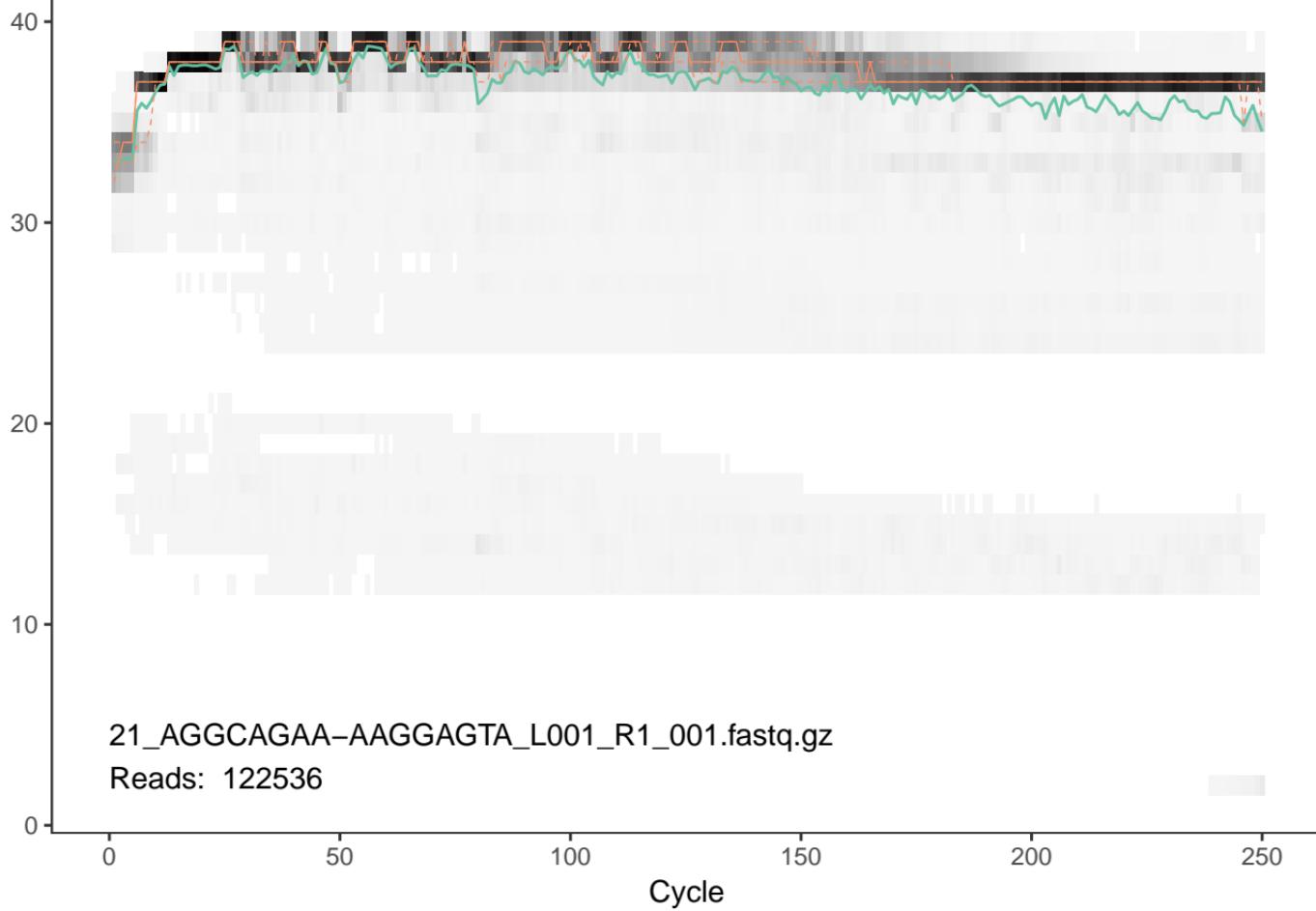
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Quality Score



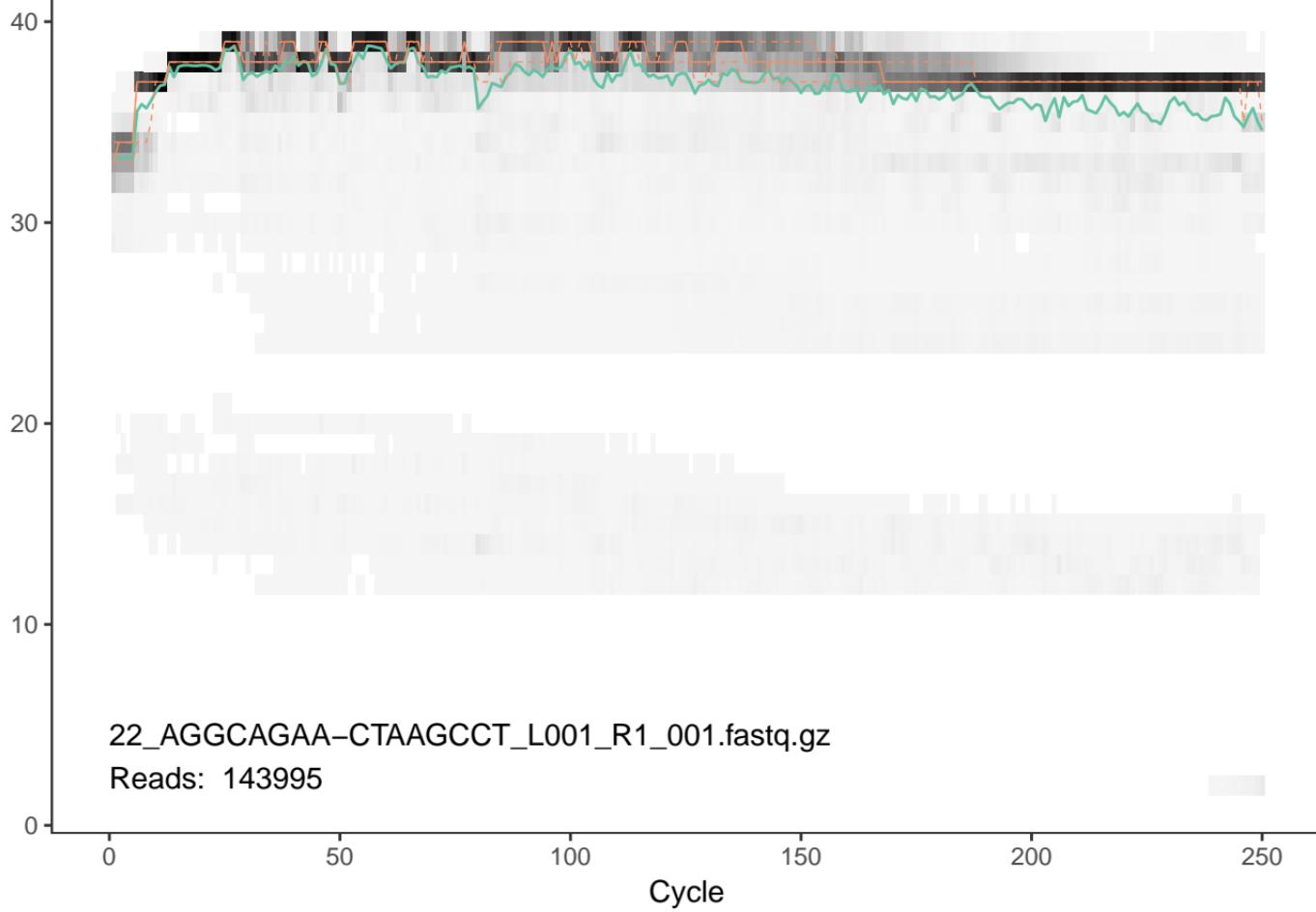
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Quality Score



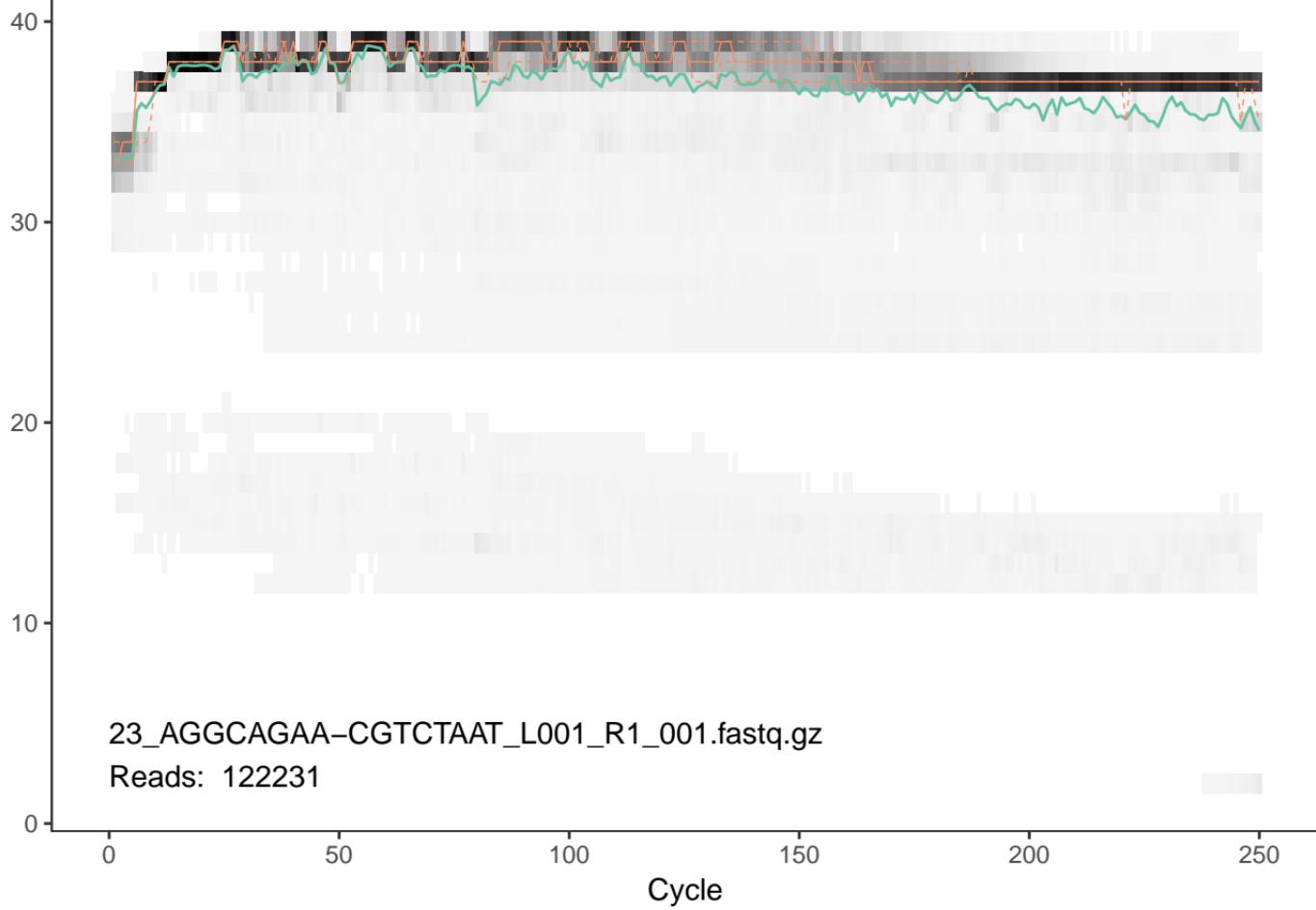
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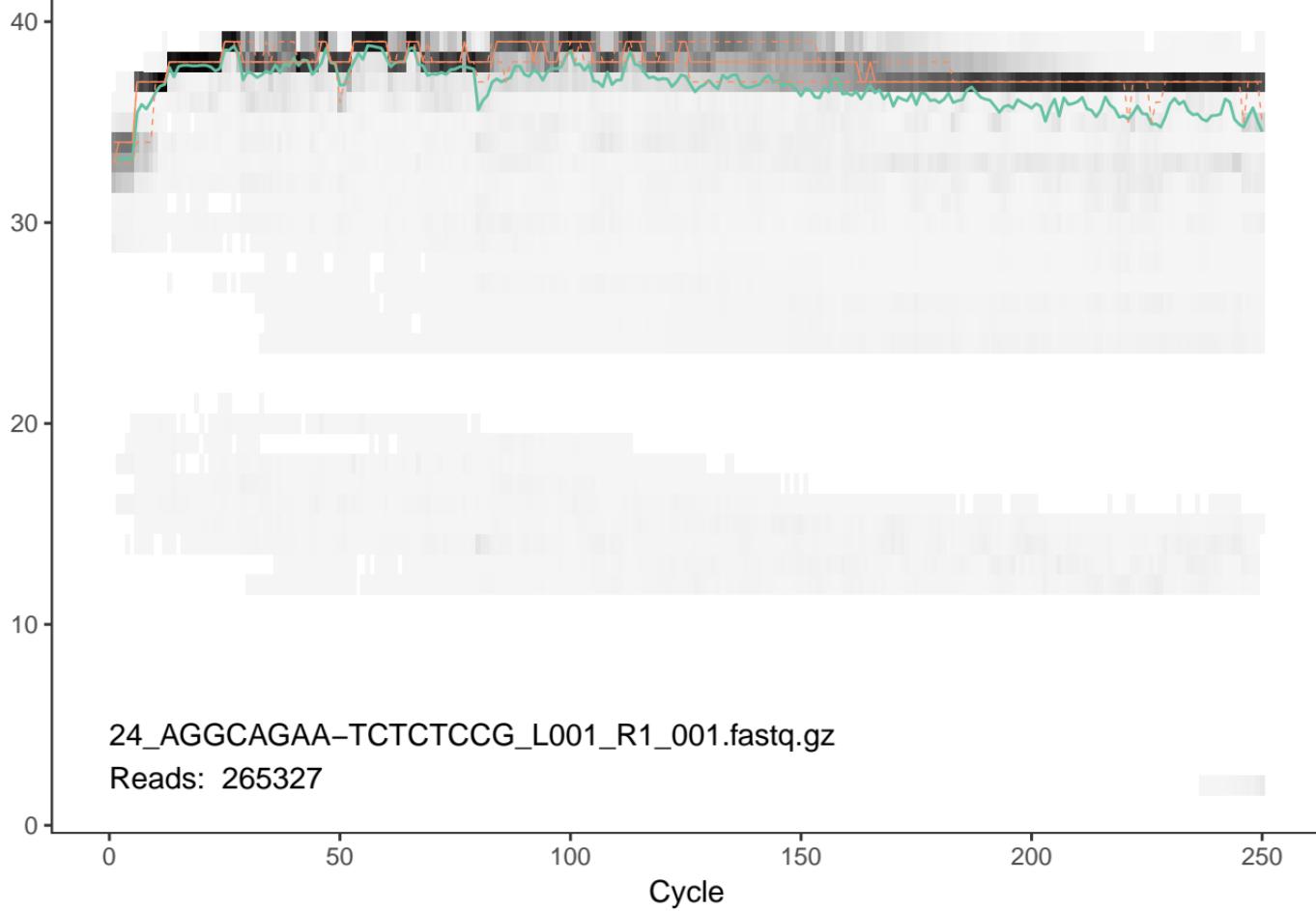
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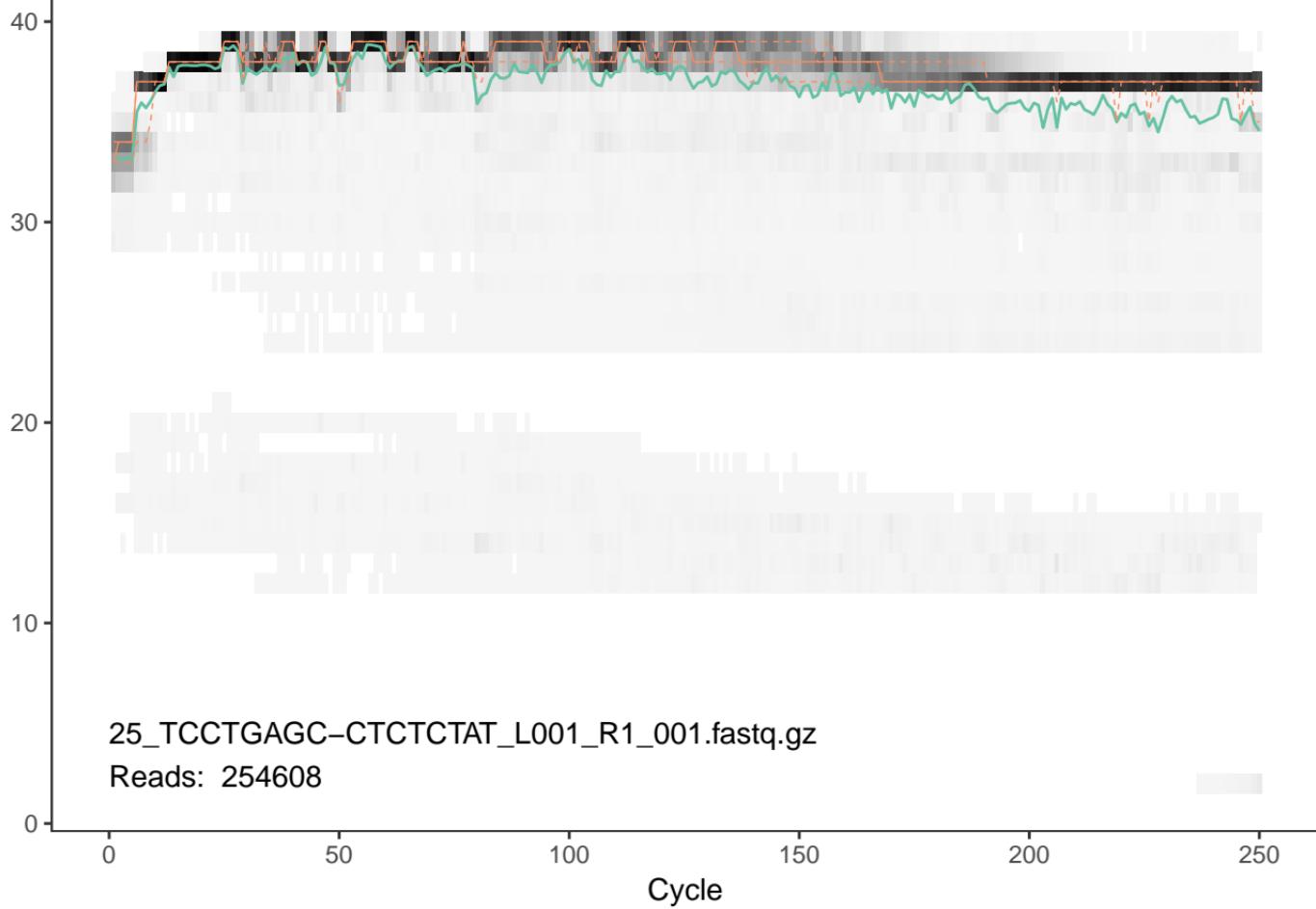
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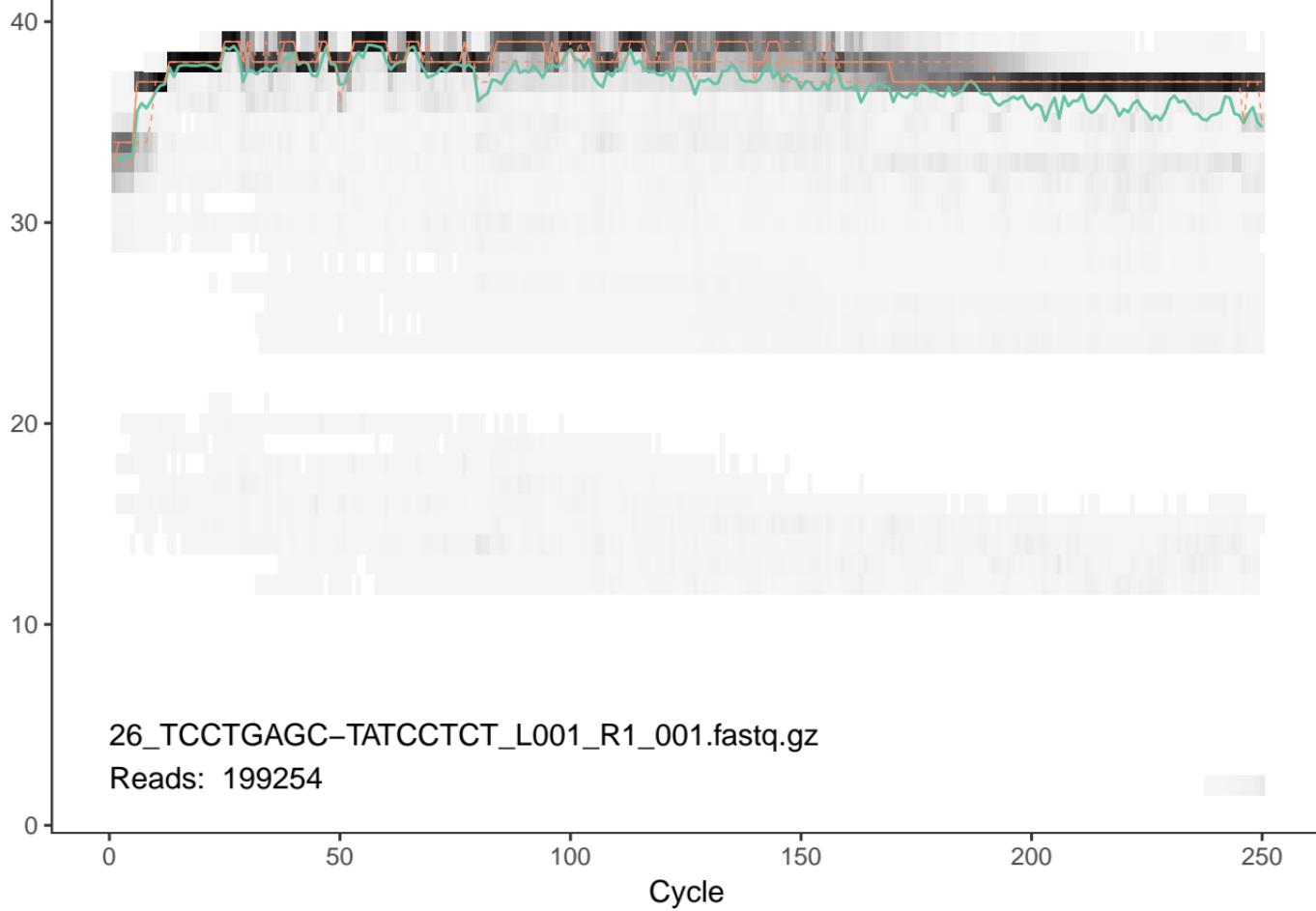
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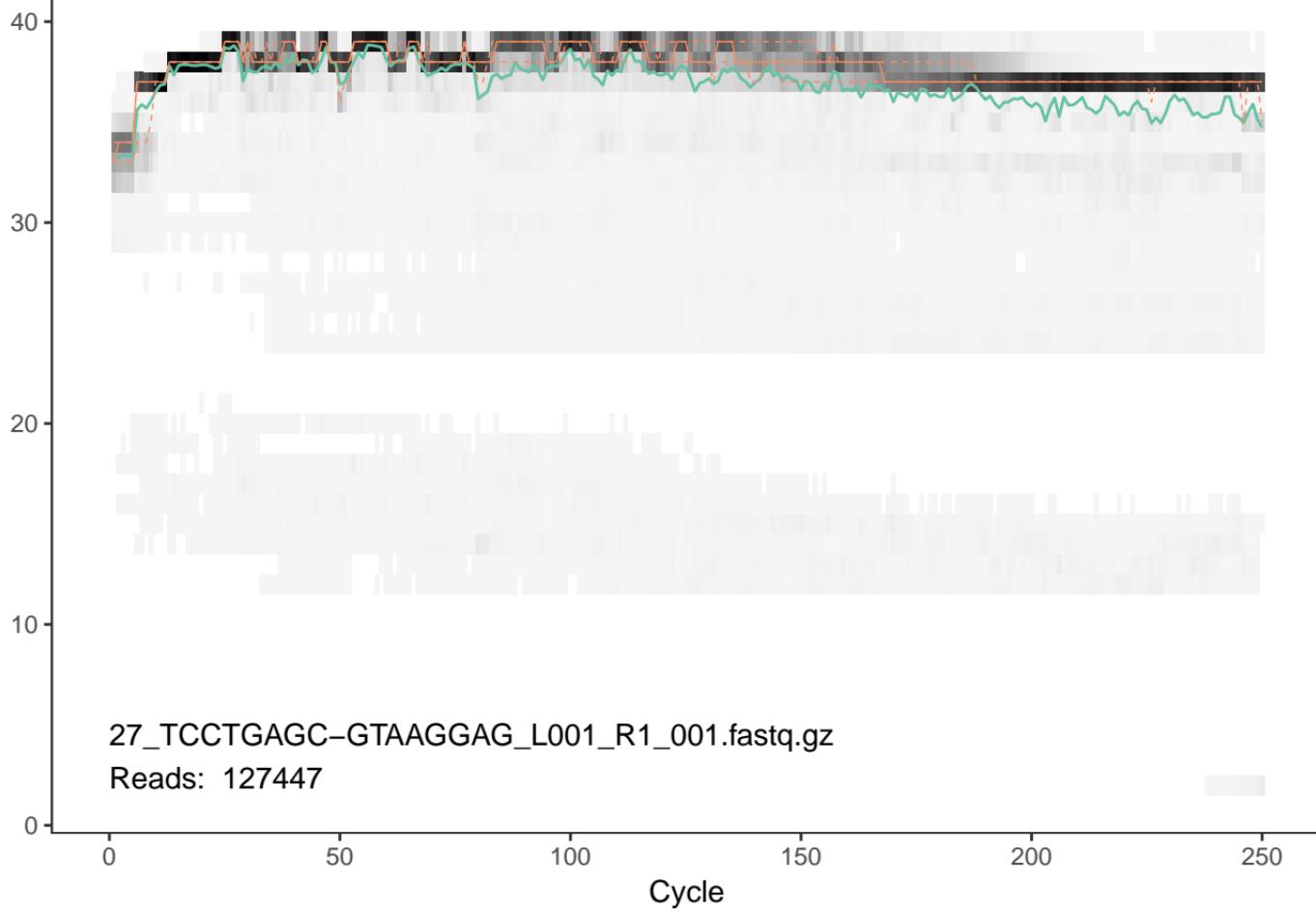
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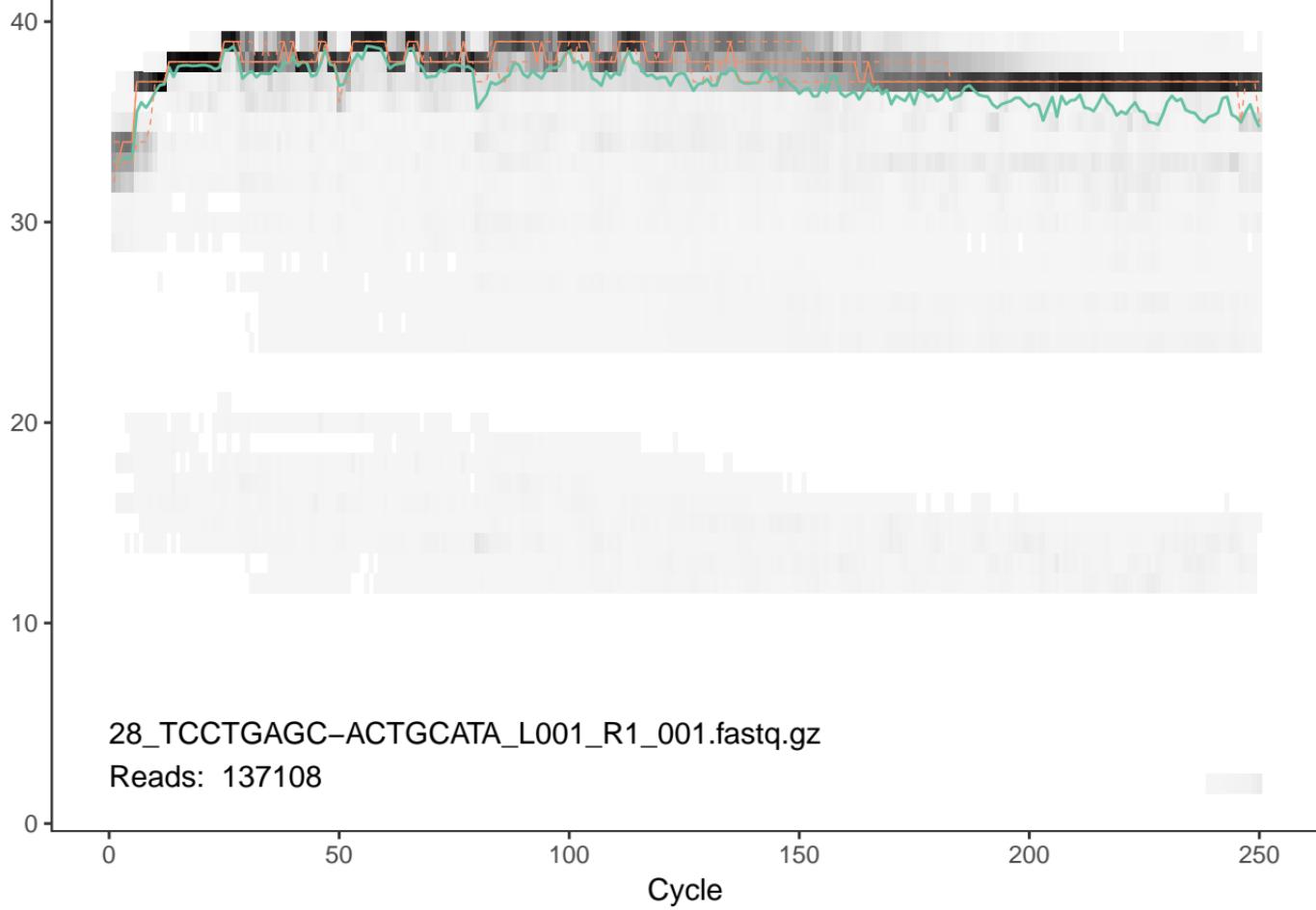
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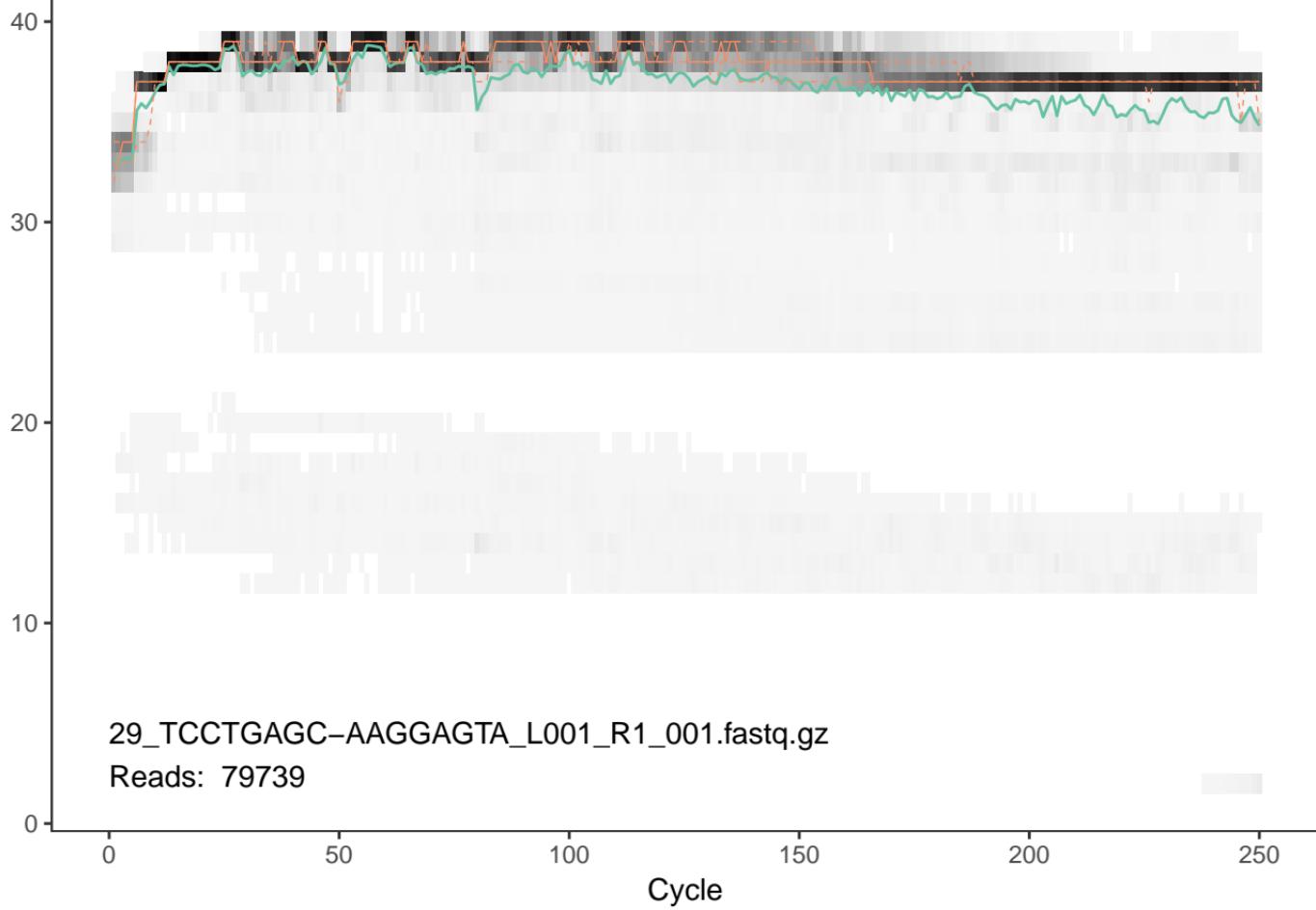
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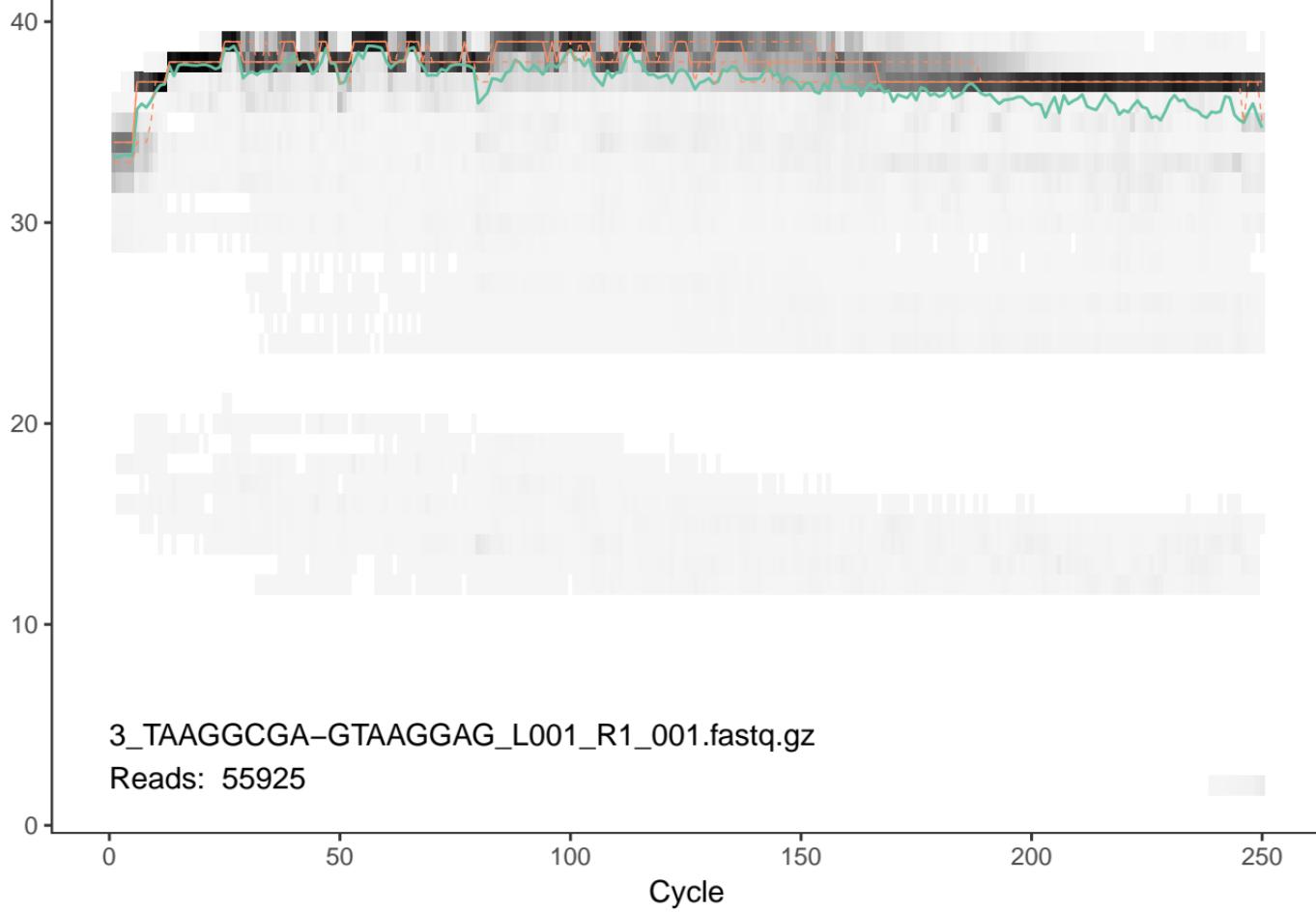
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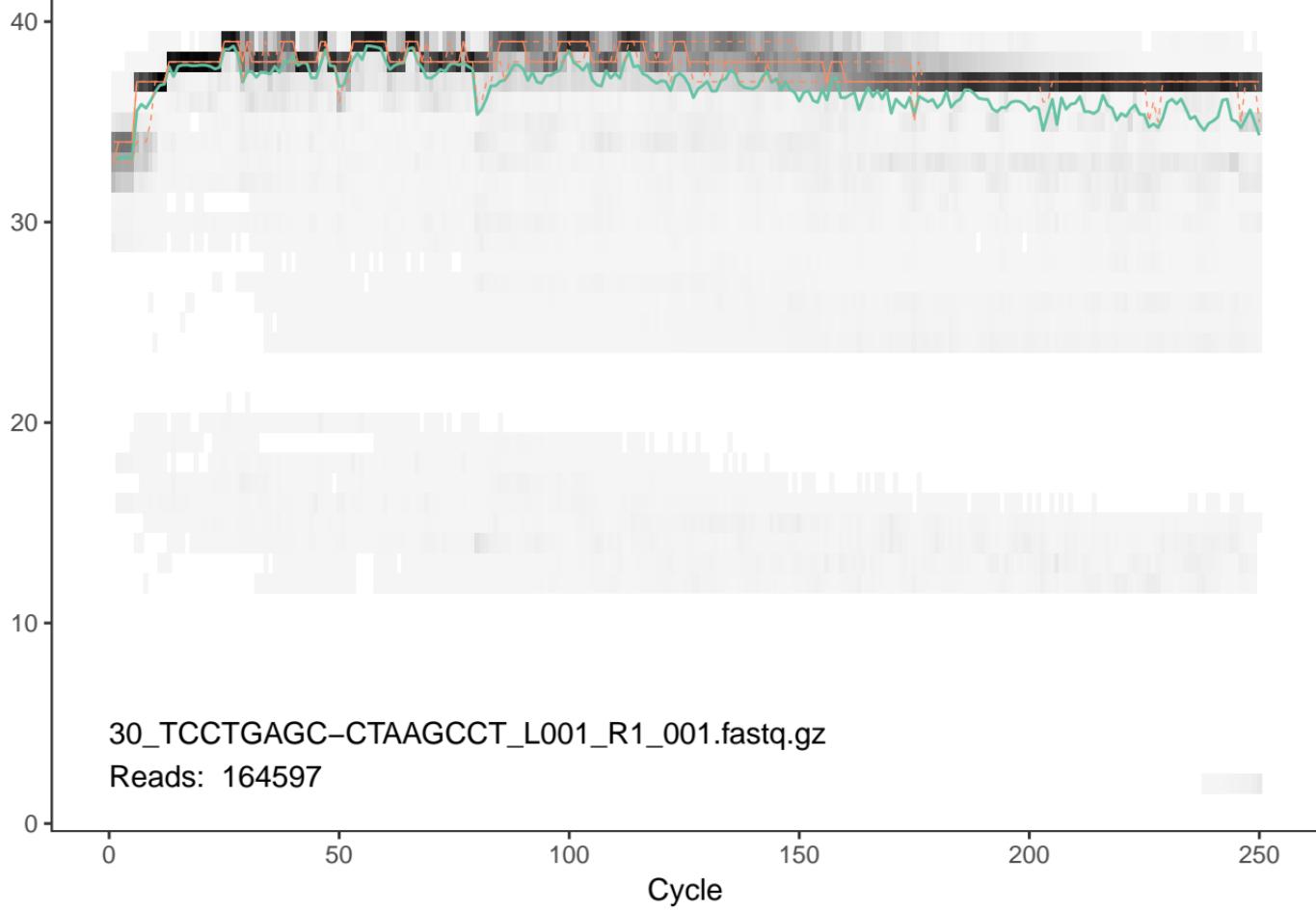
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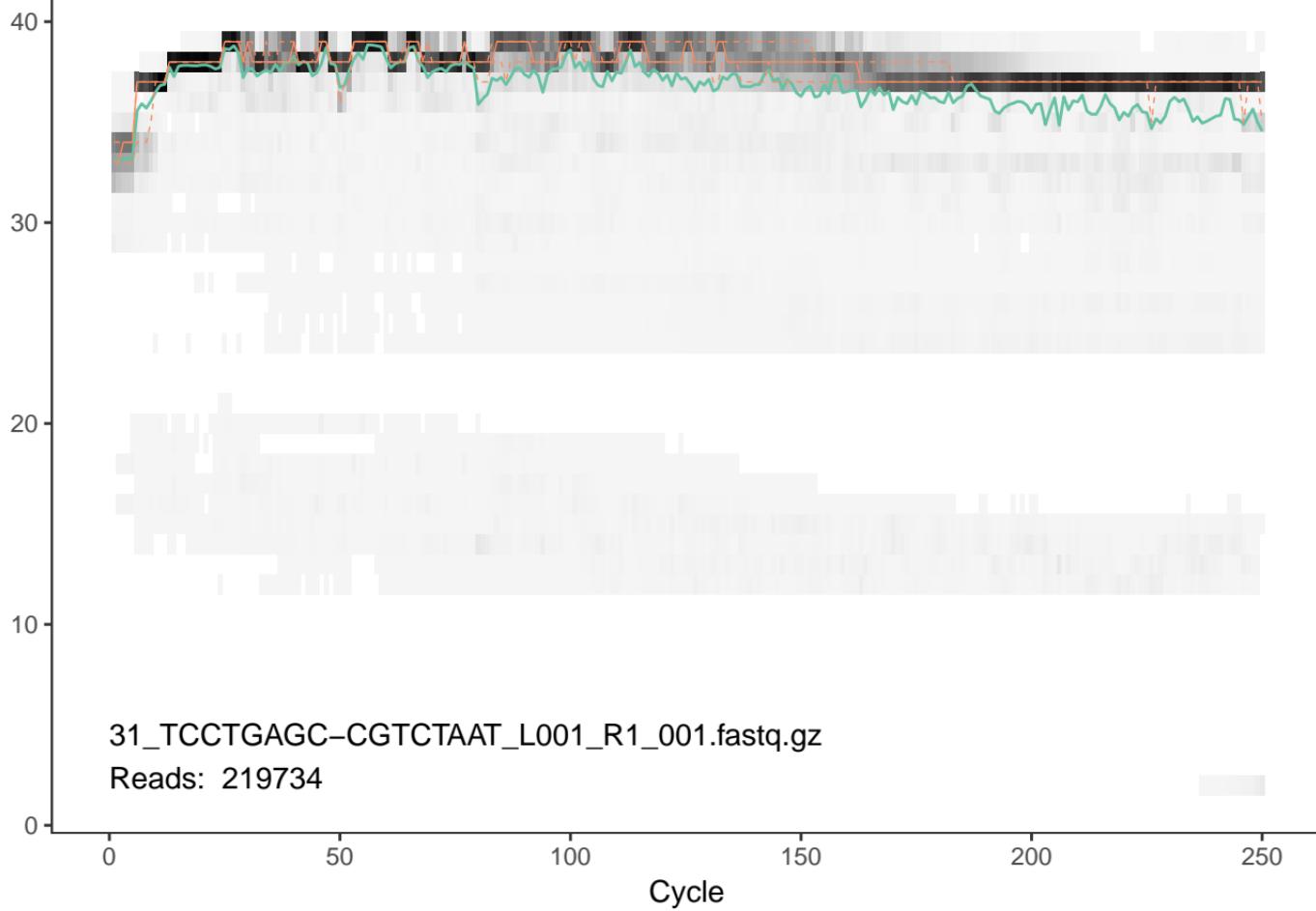
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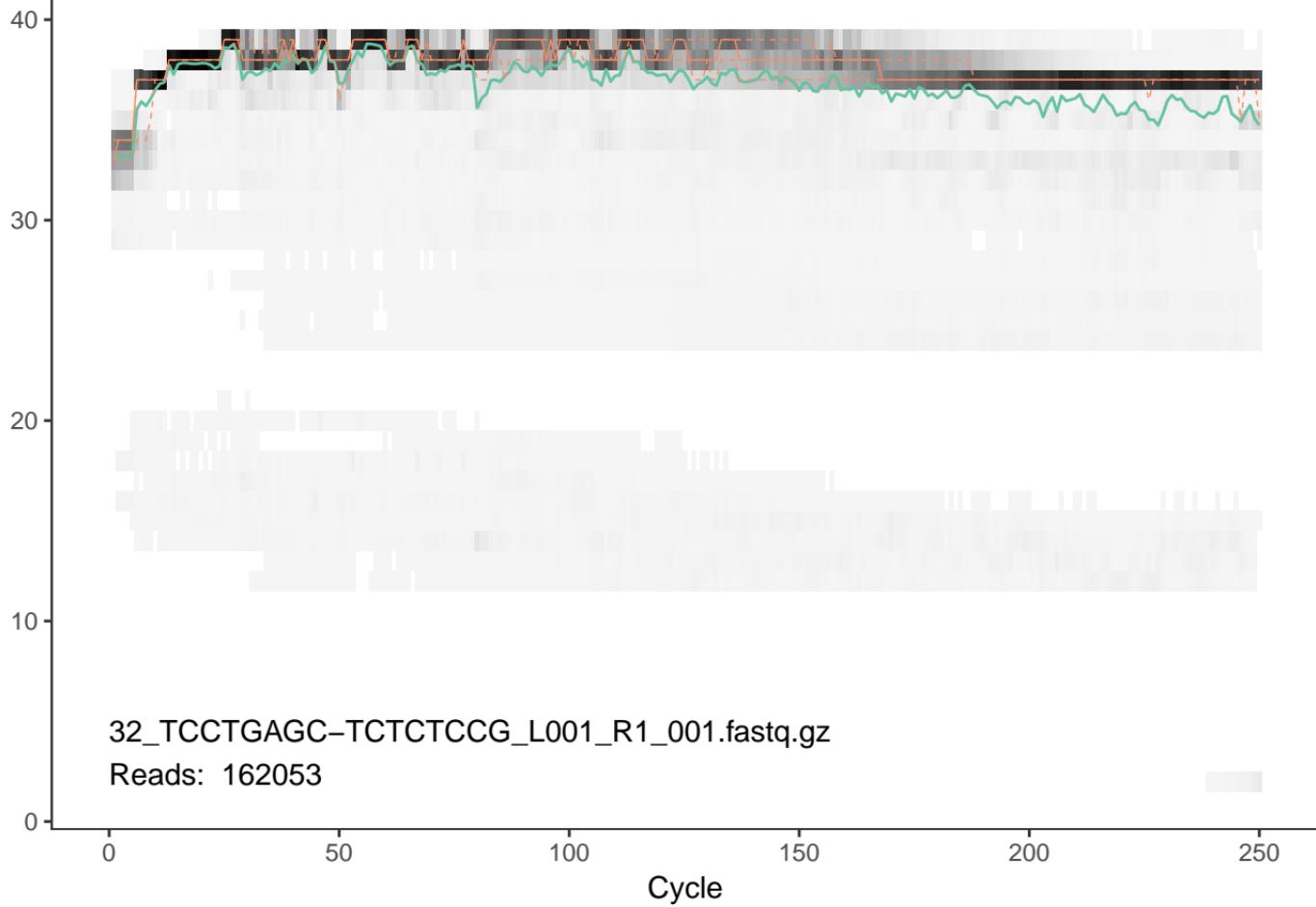
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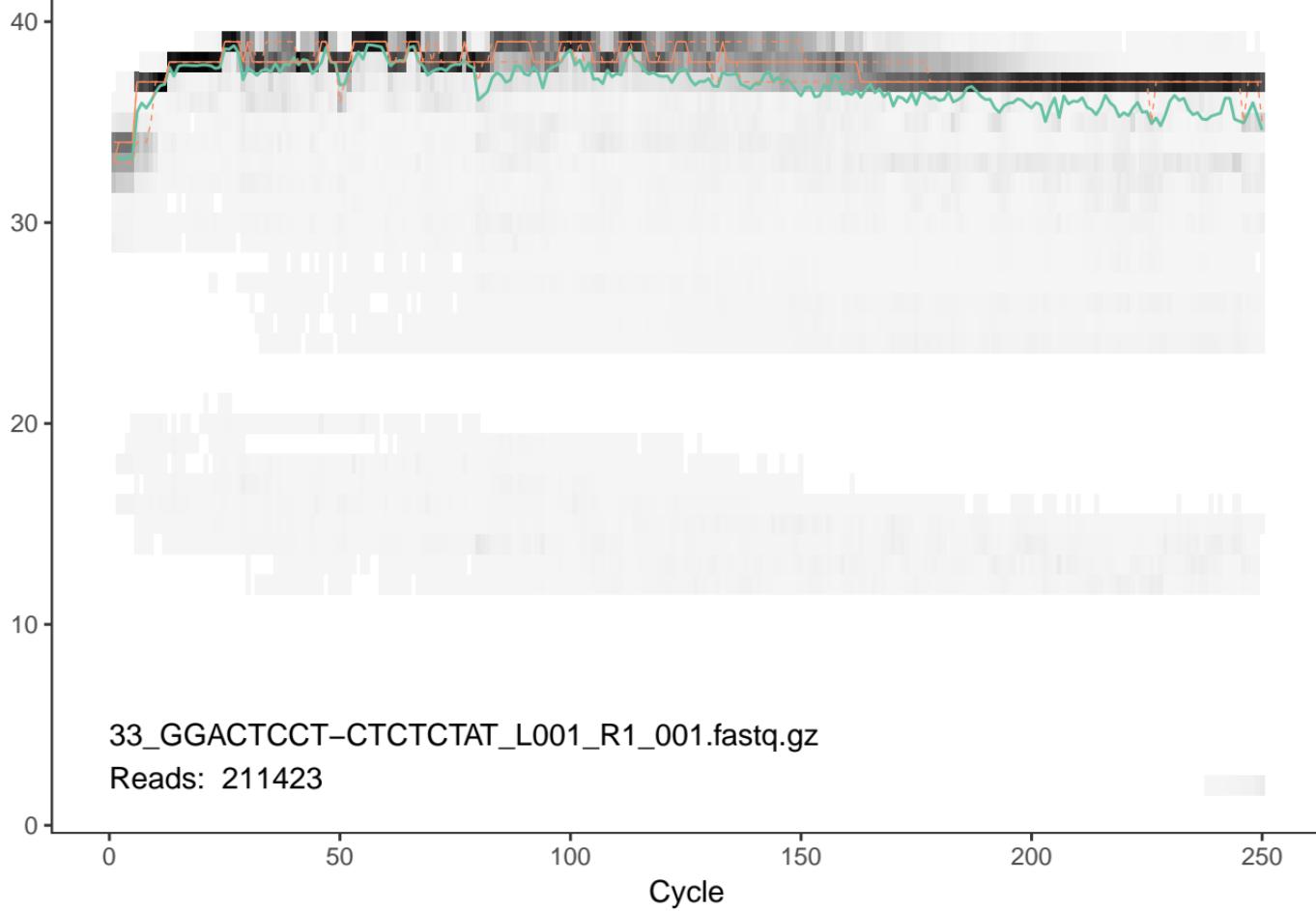
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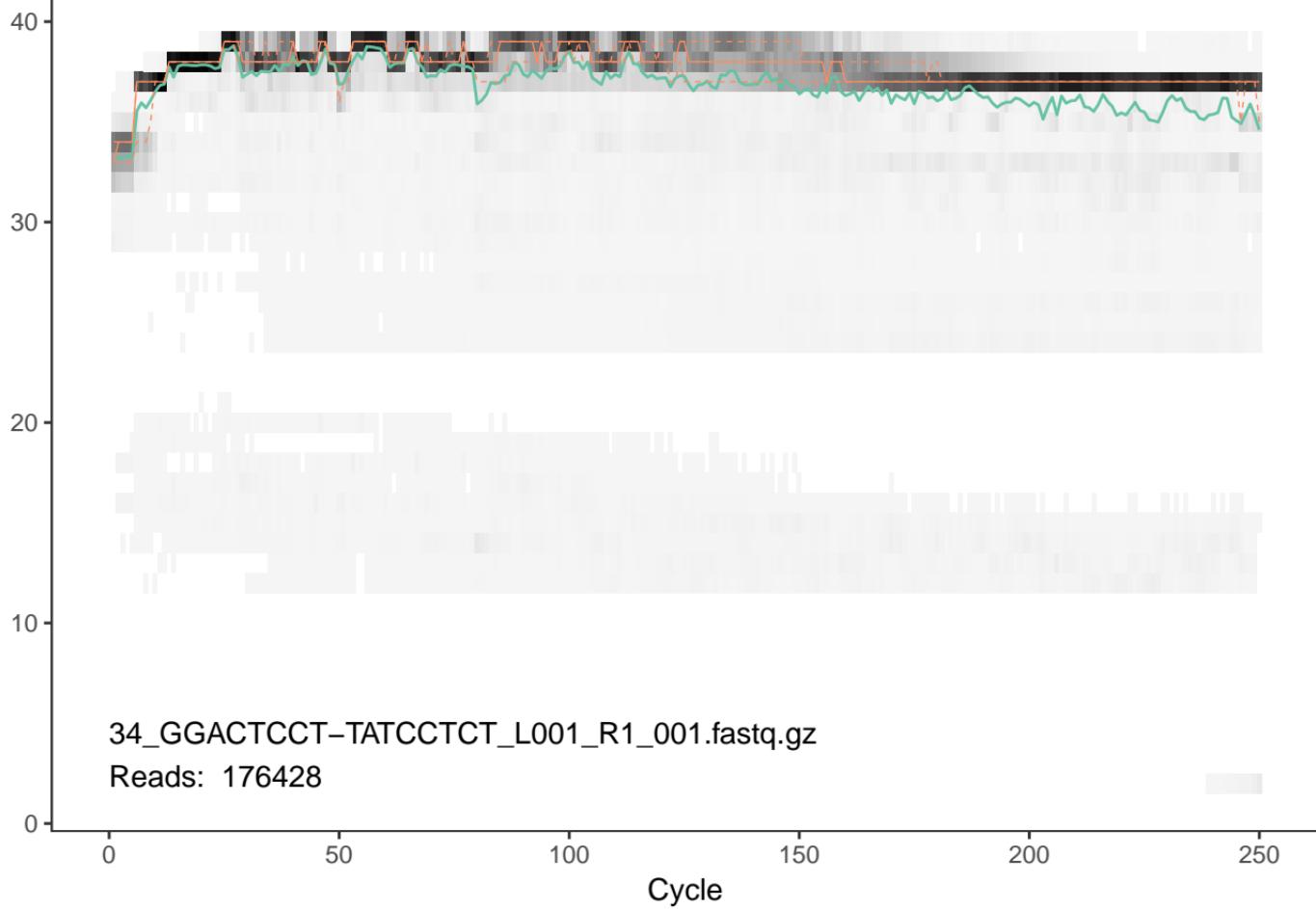
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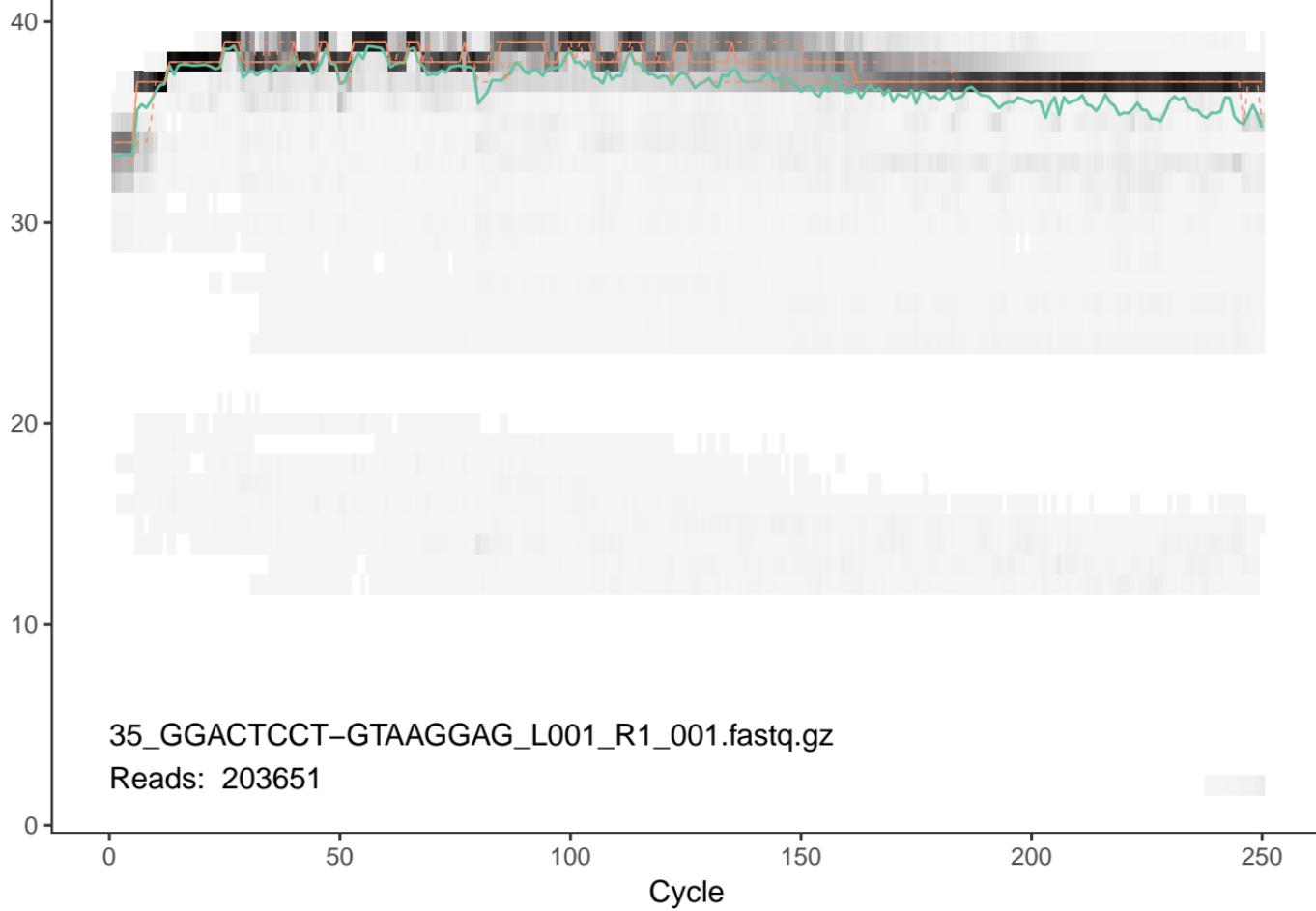
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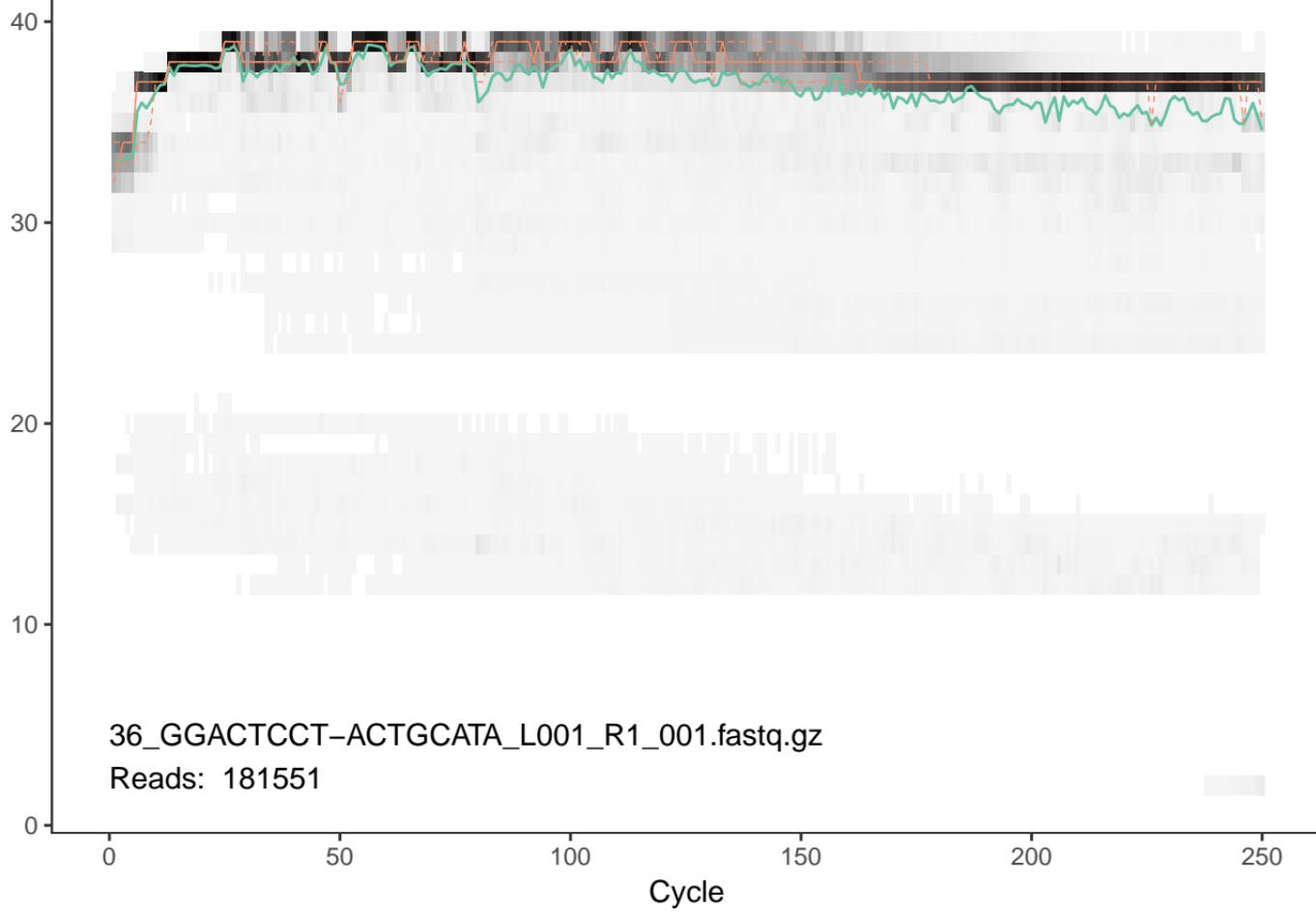
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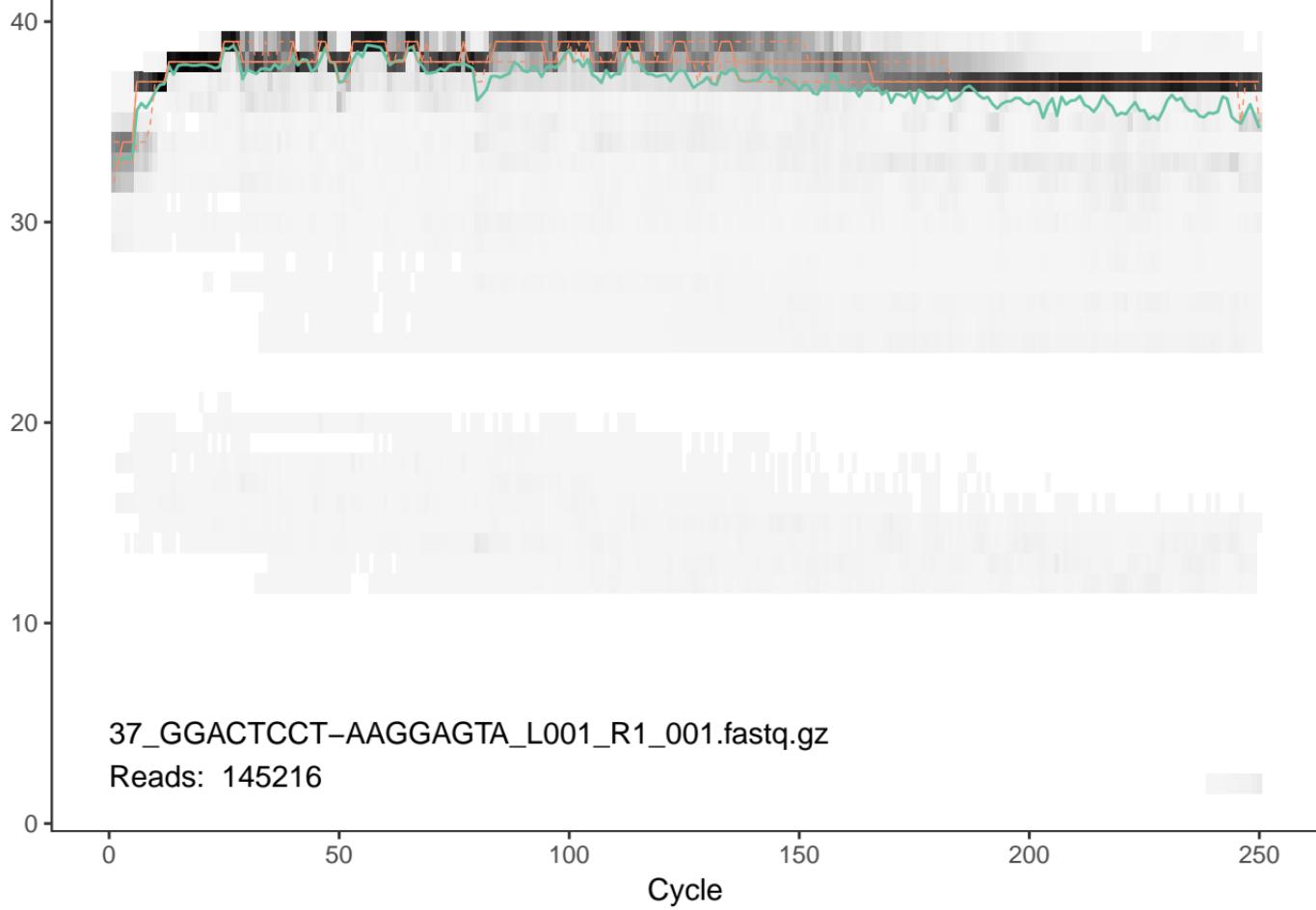
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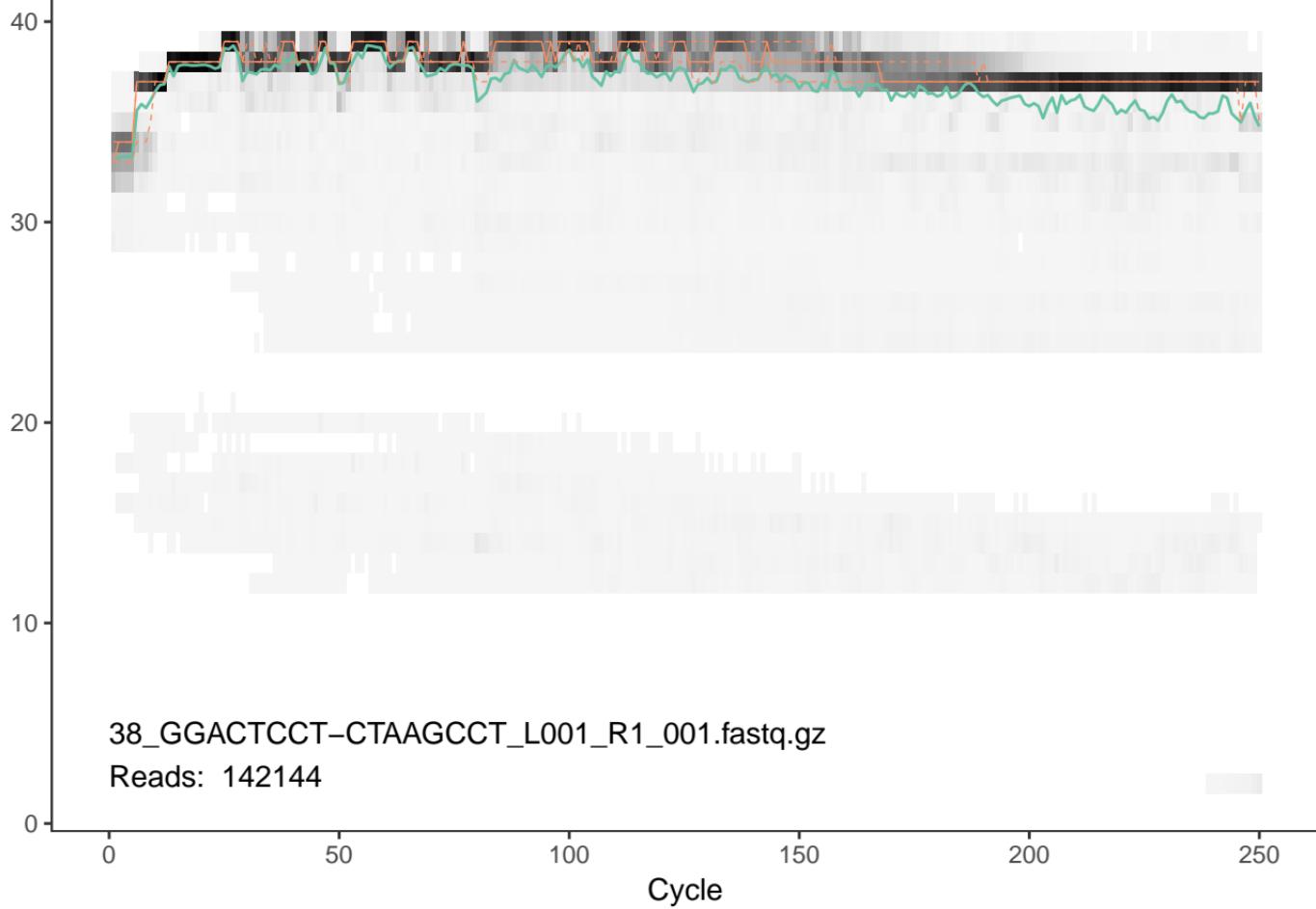
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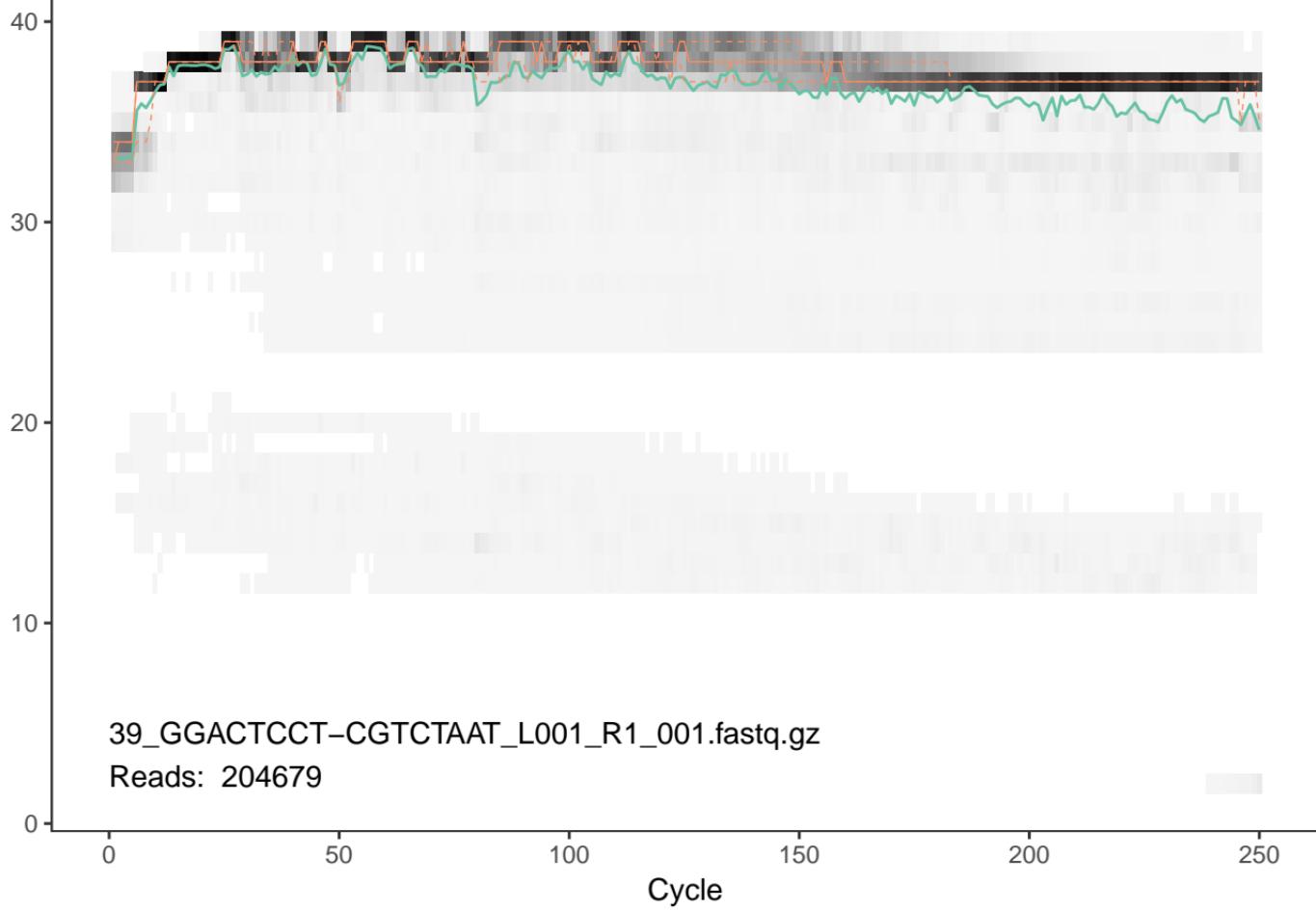
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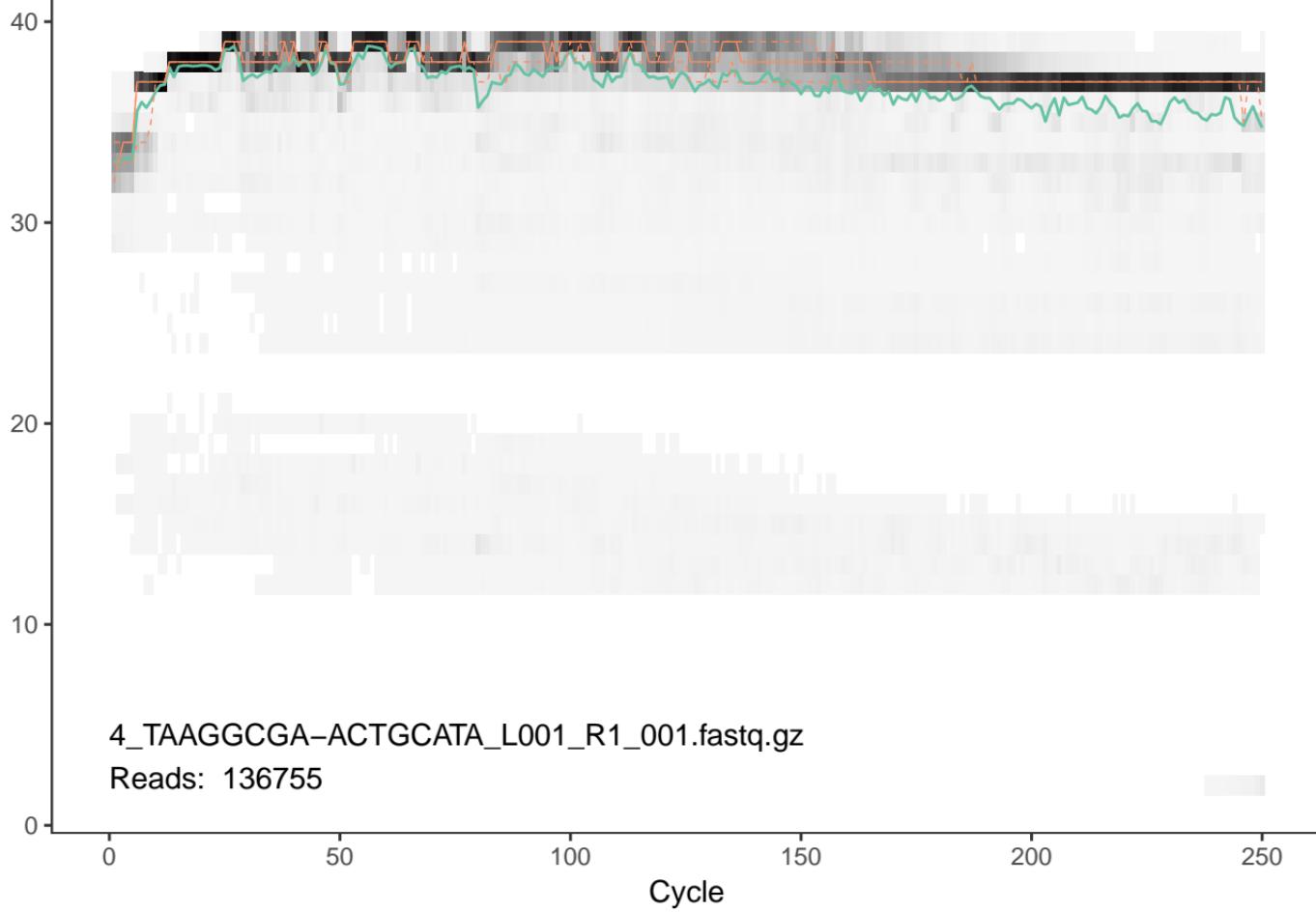
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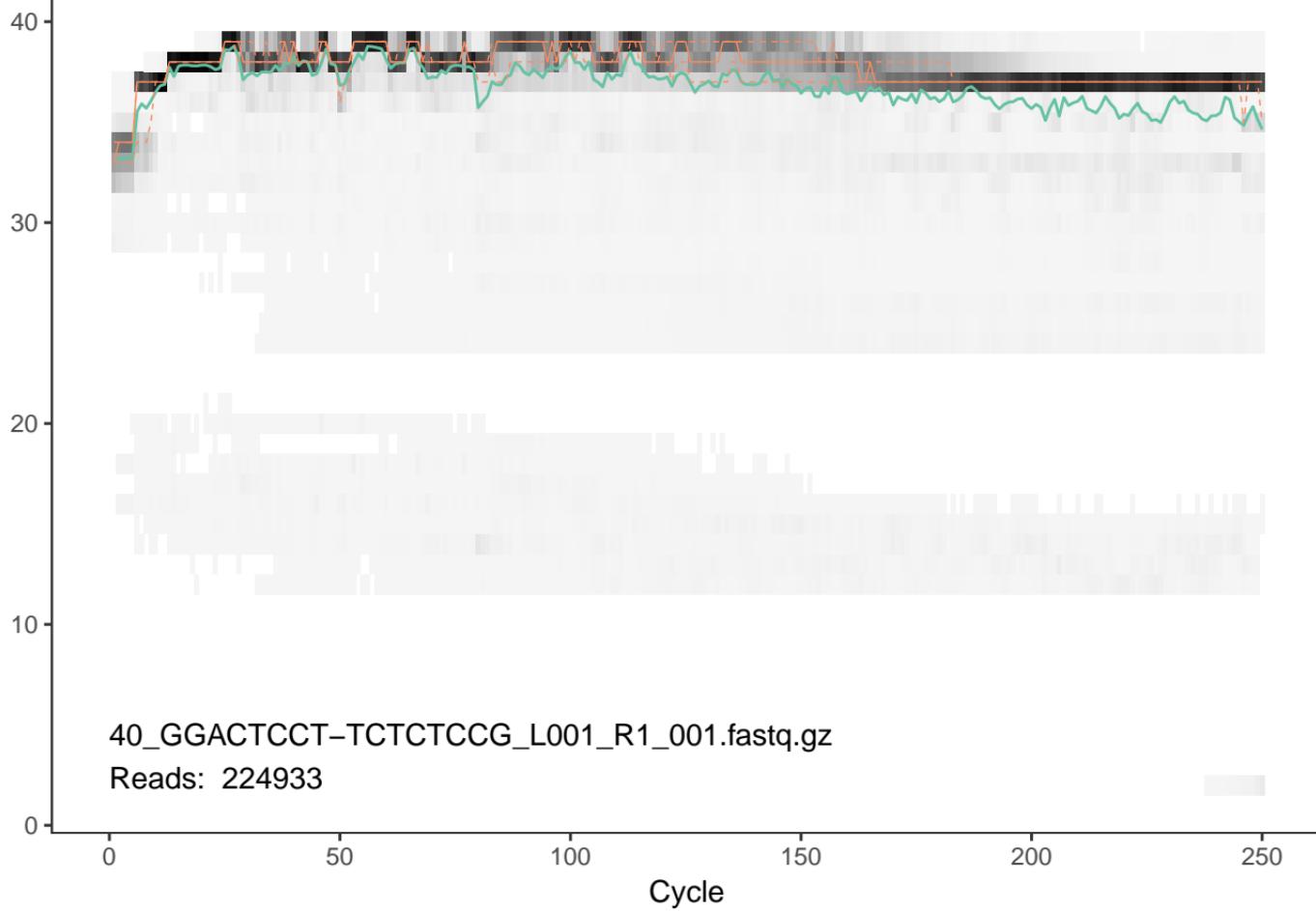
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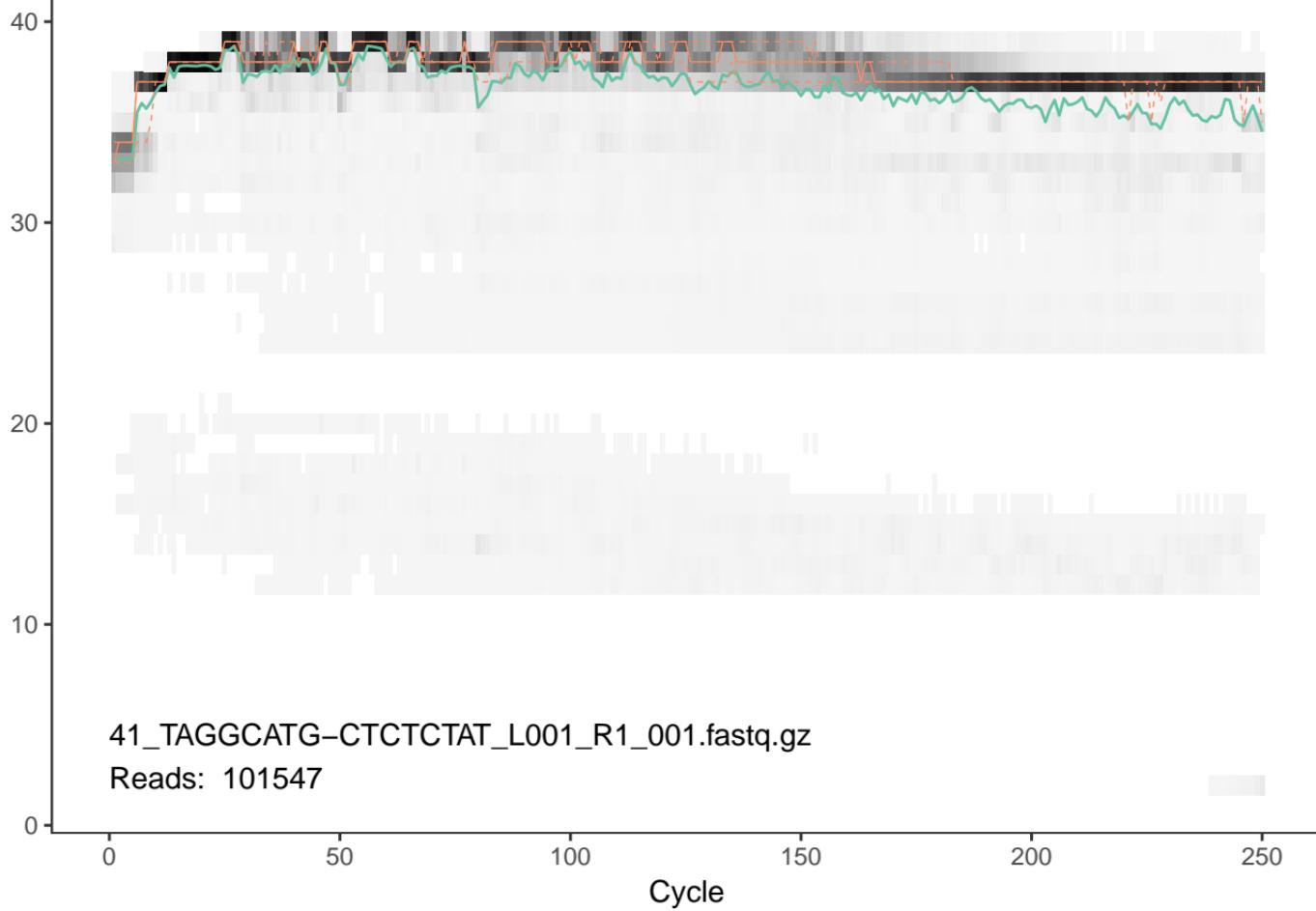
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Quality Score



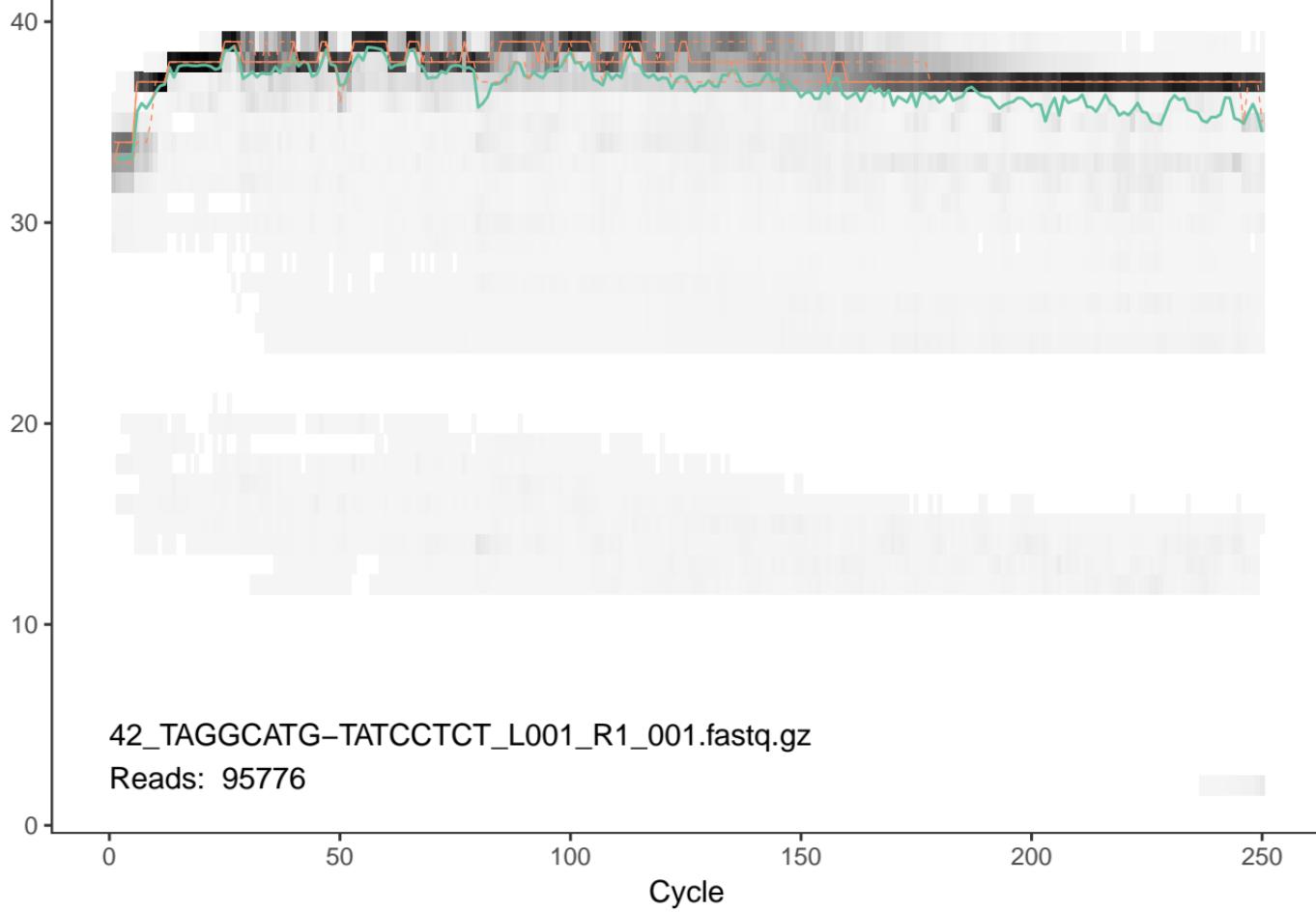
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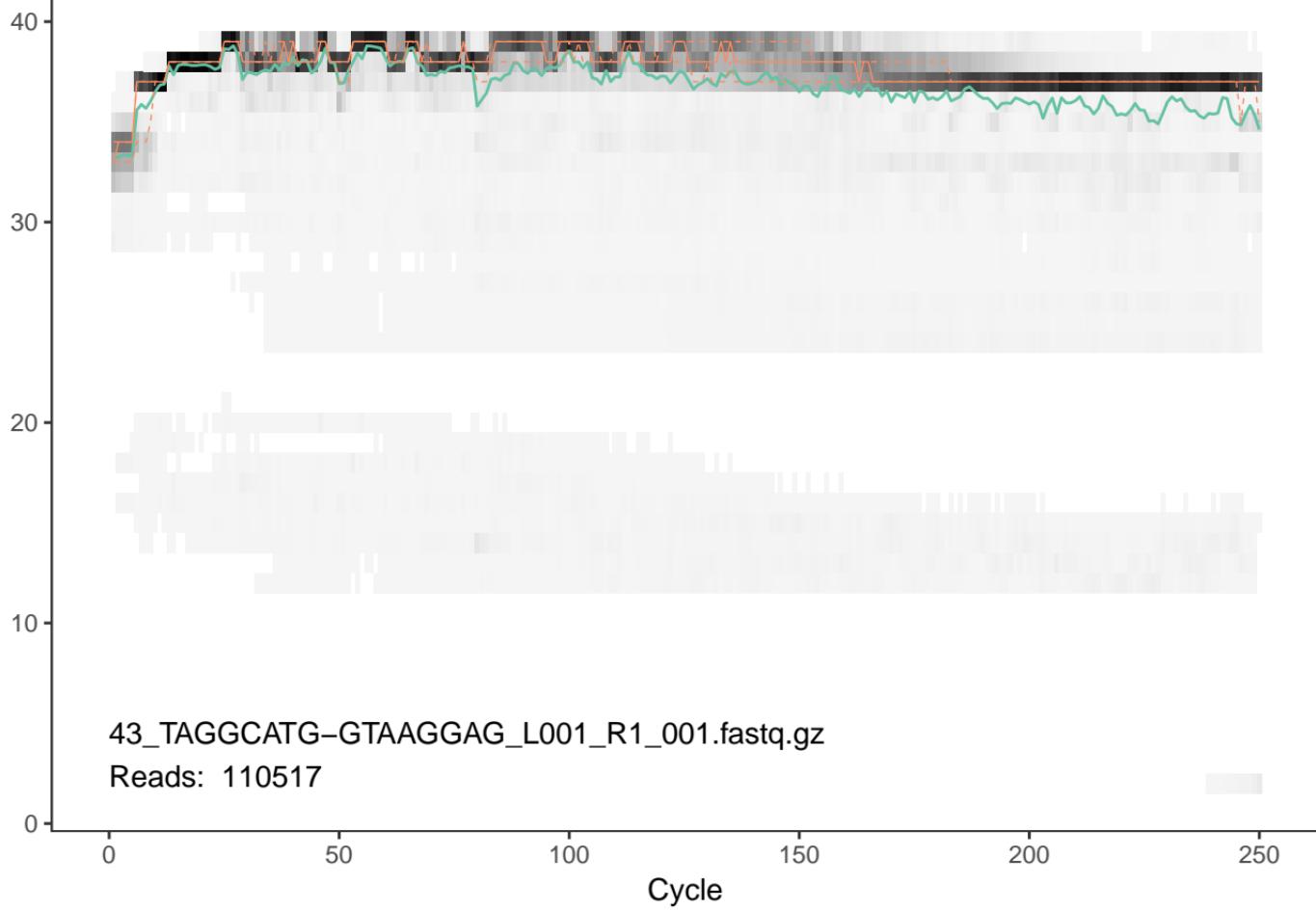
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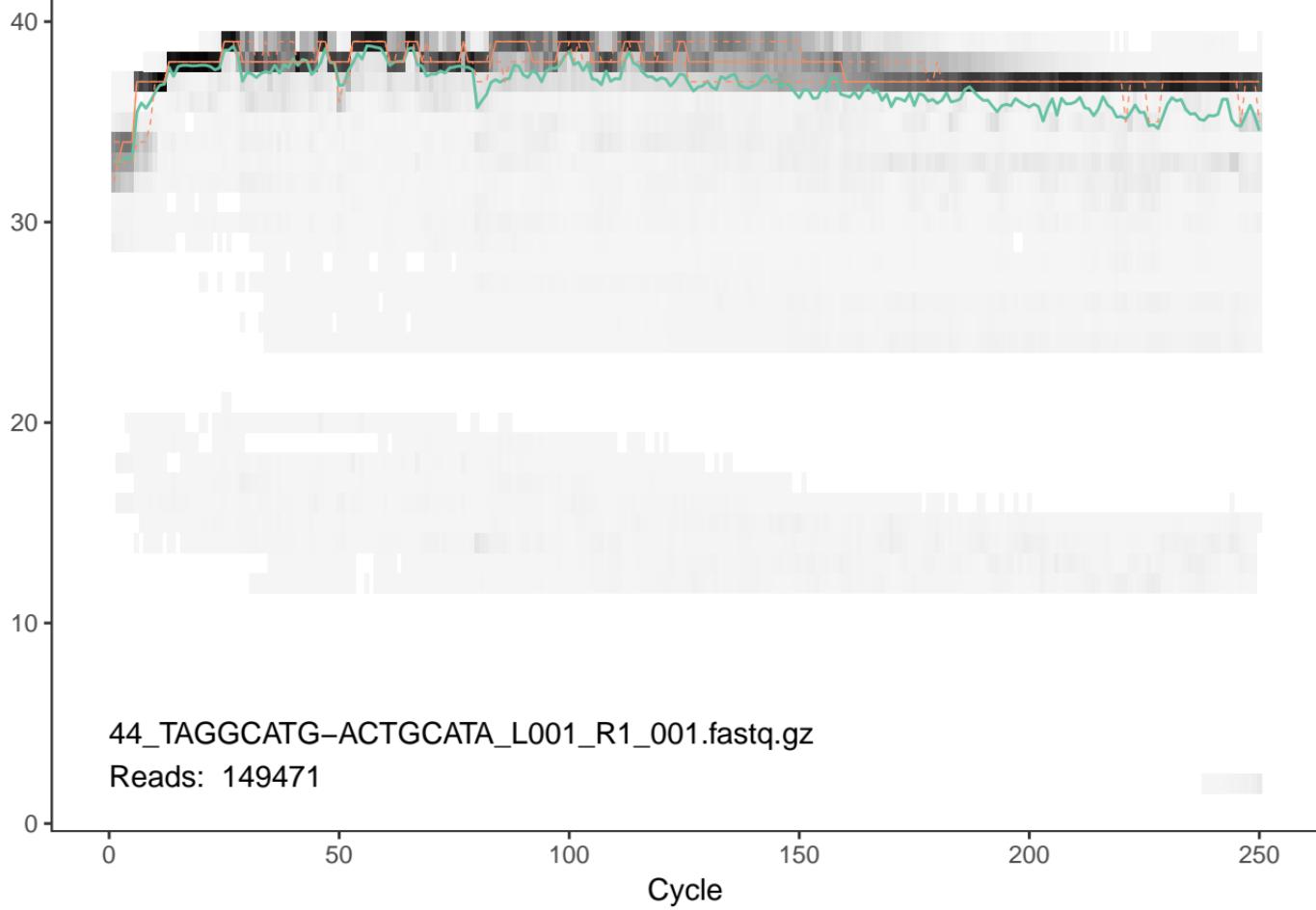
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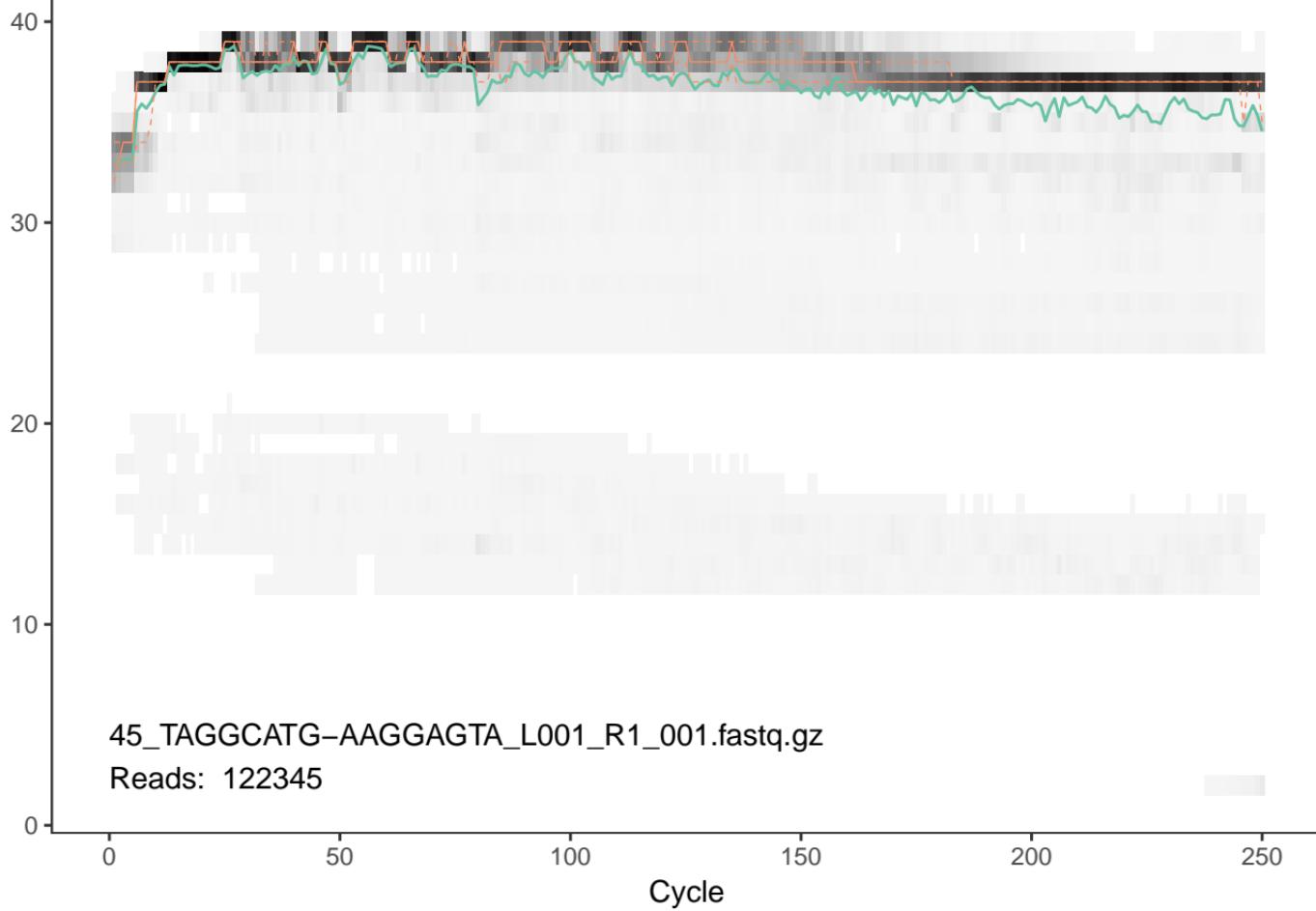
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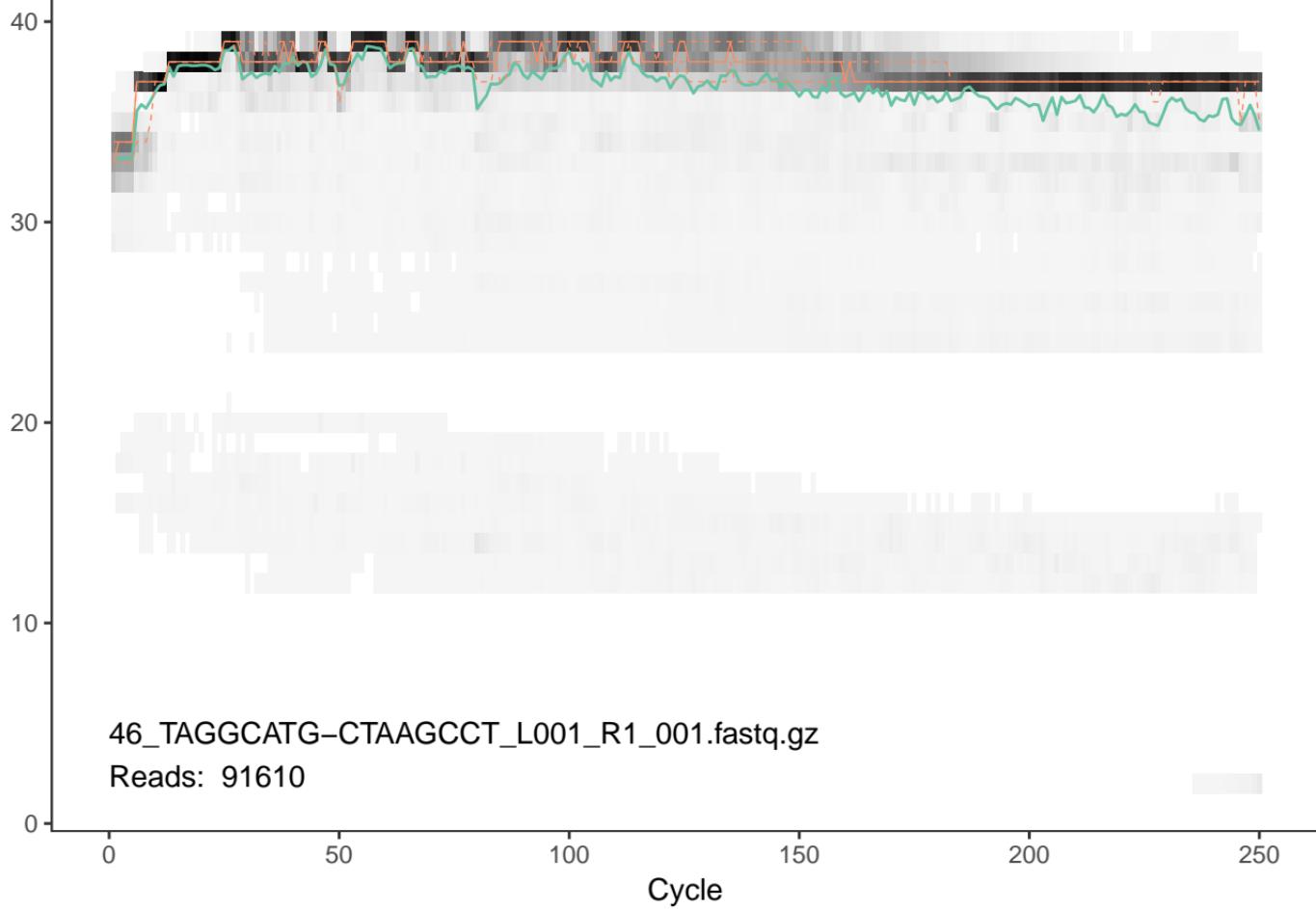
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Quality Score



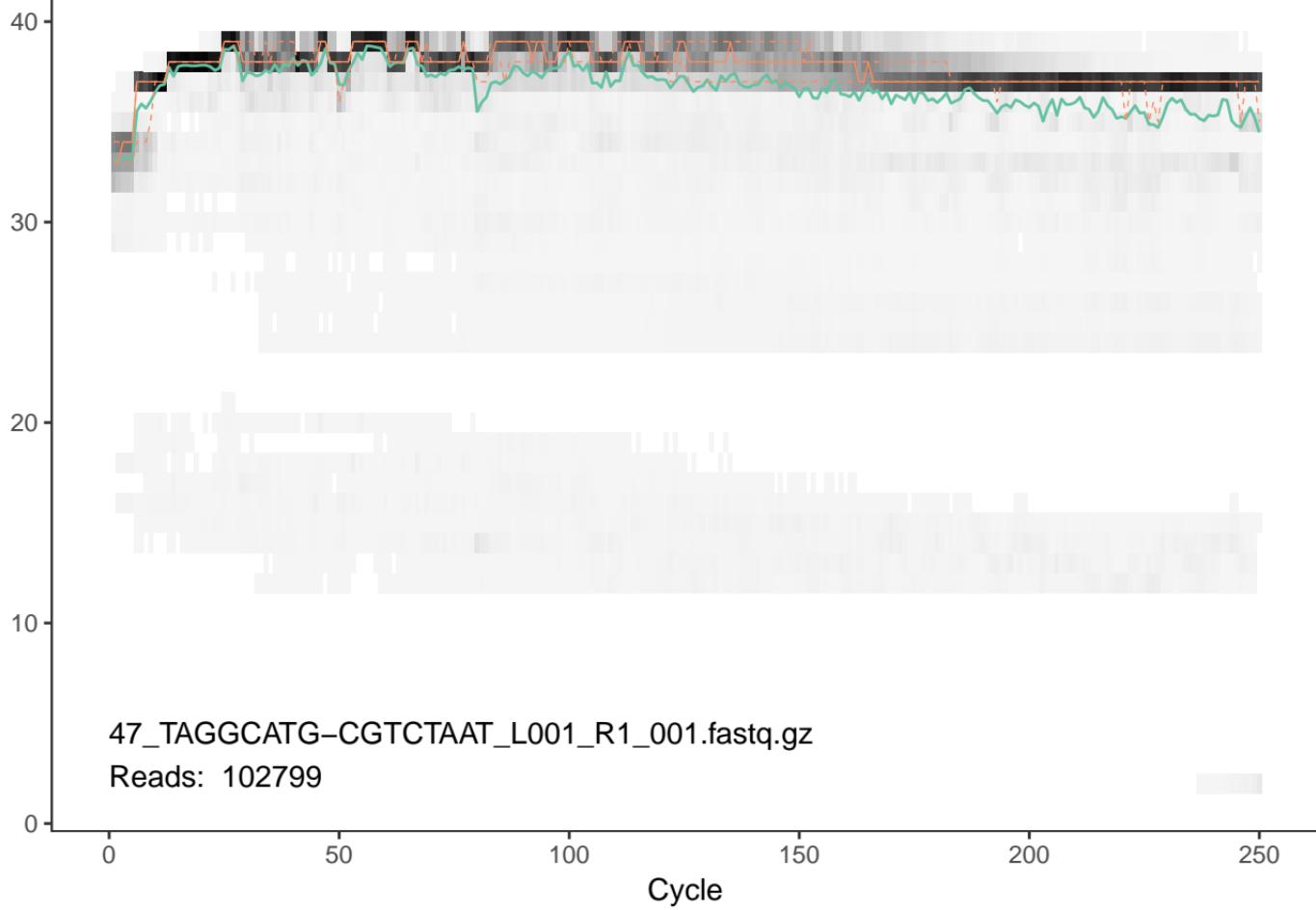
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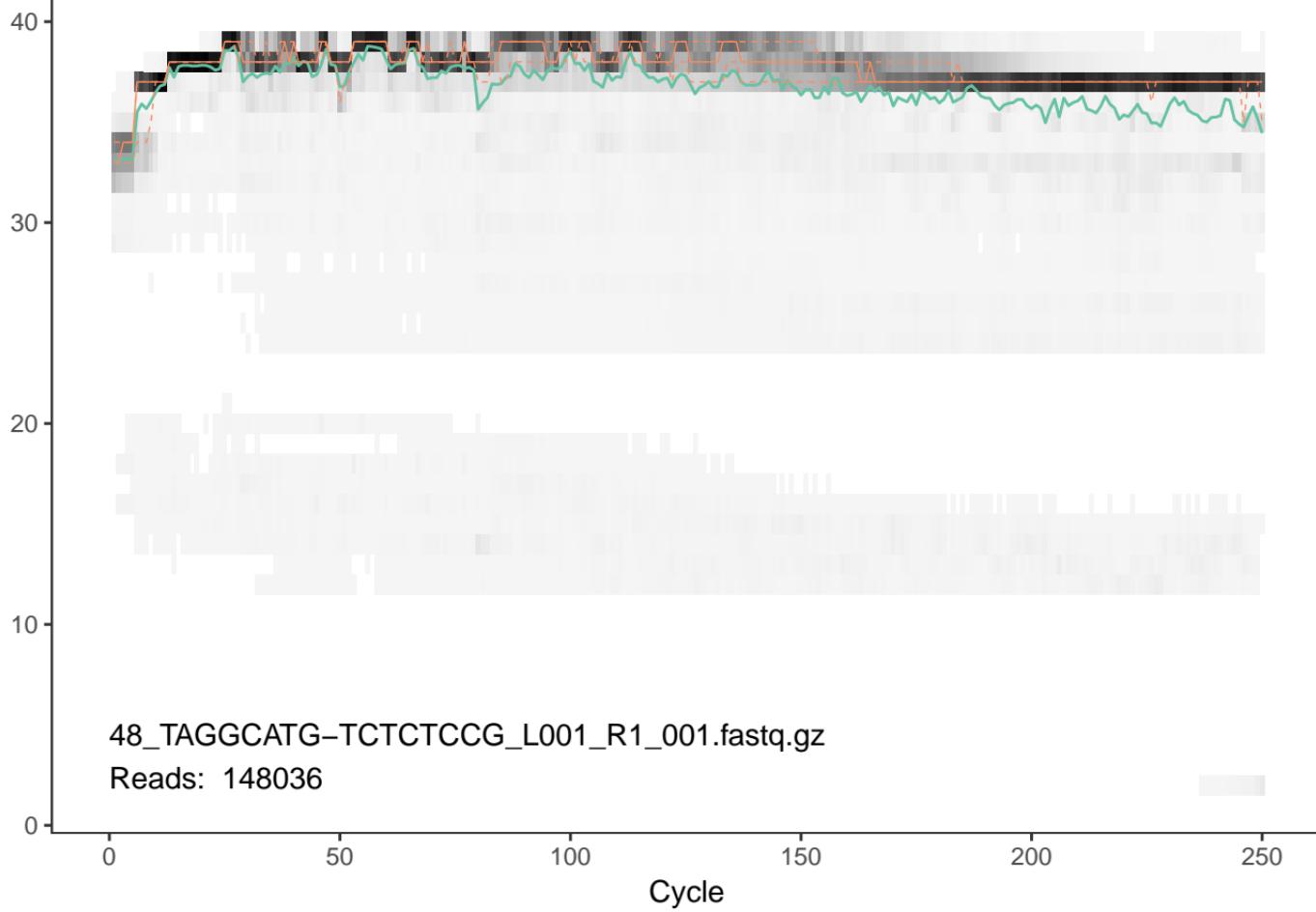
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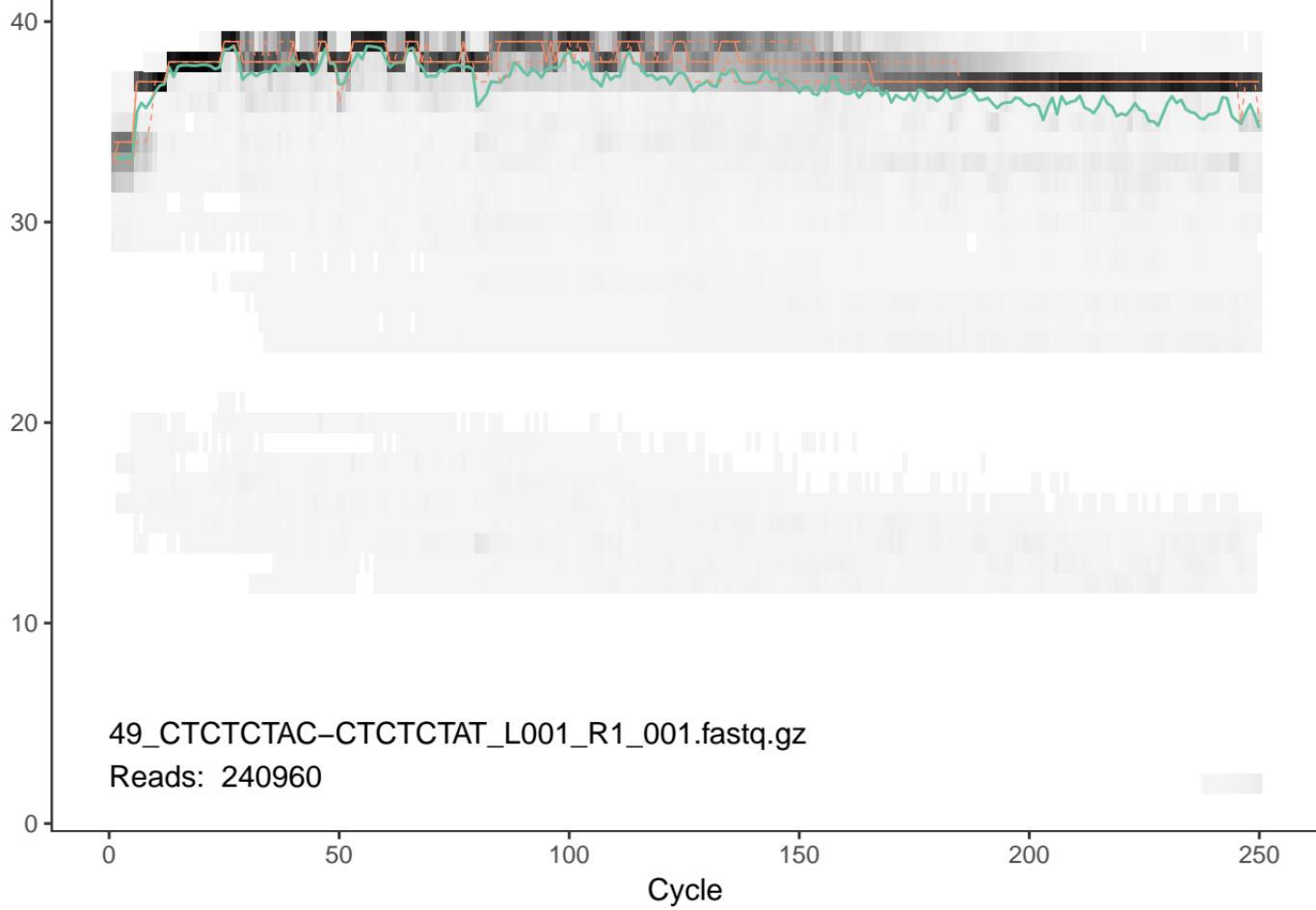
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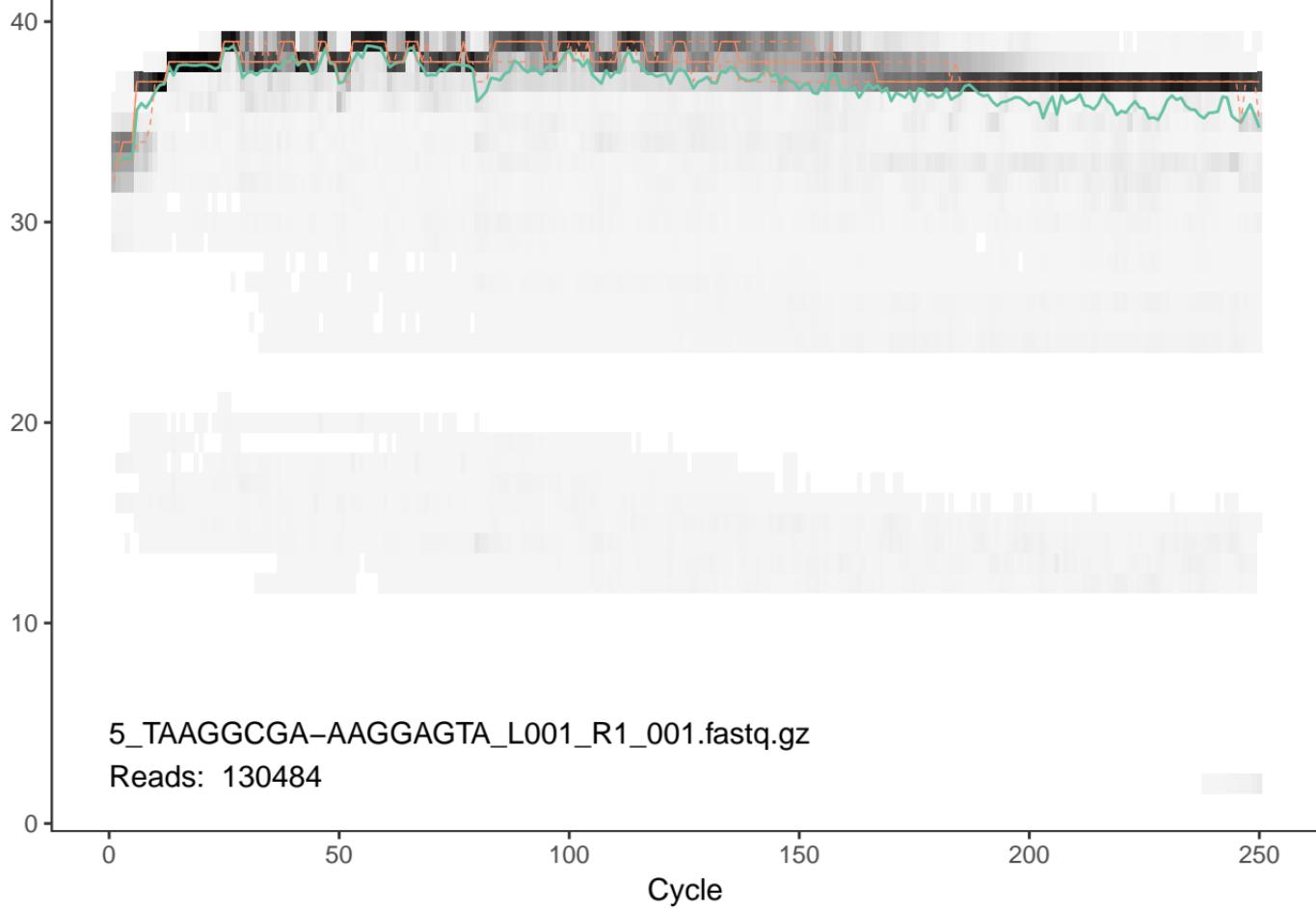
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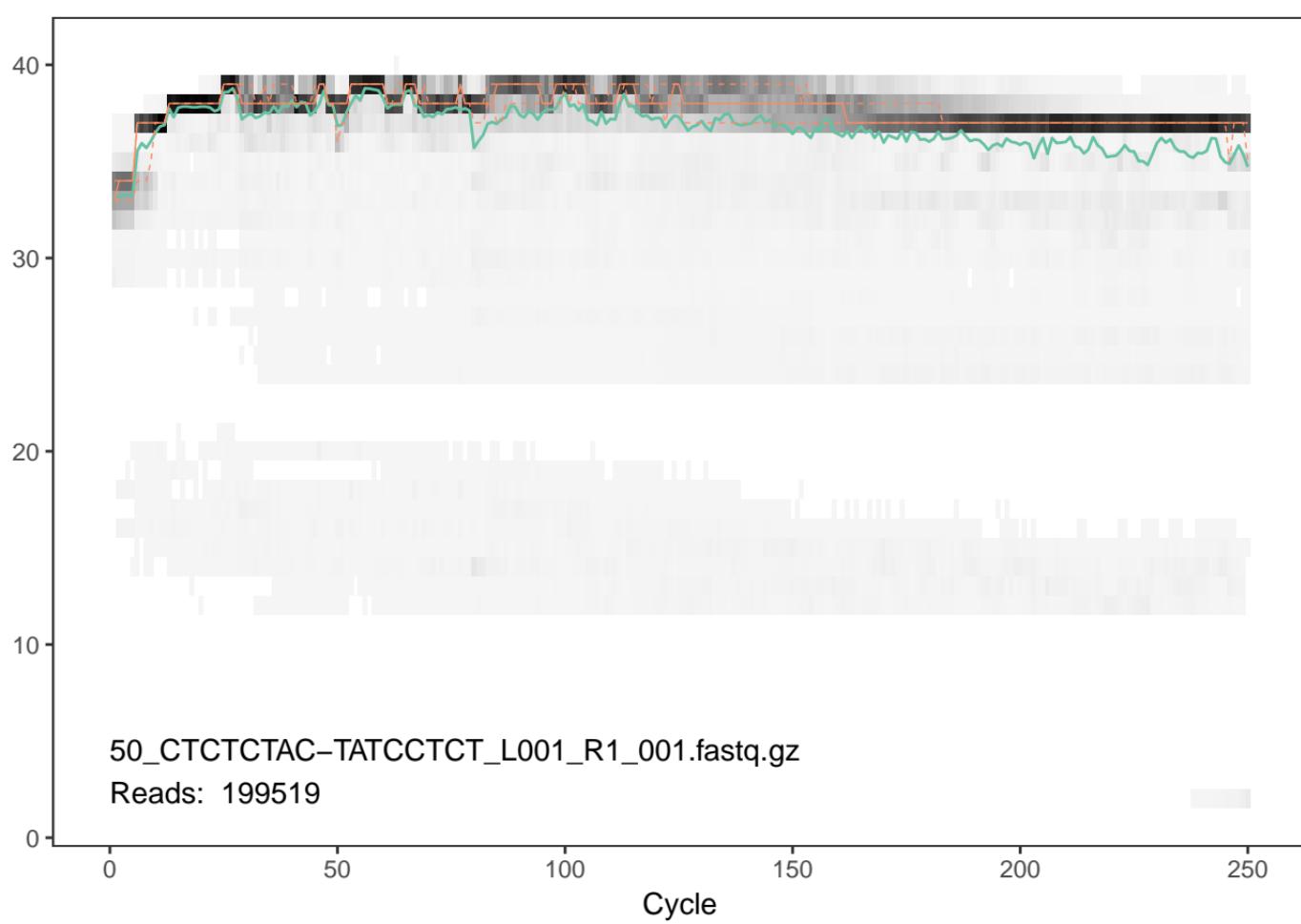
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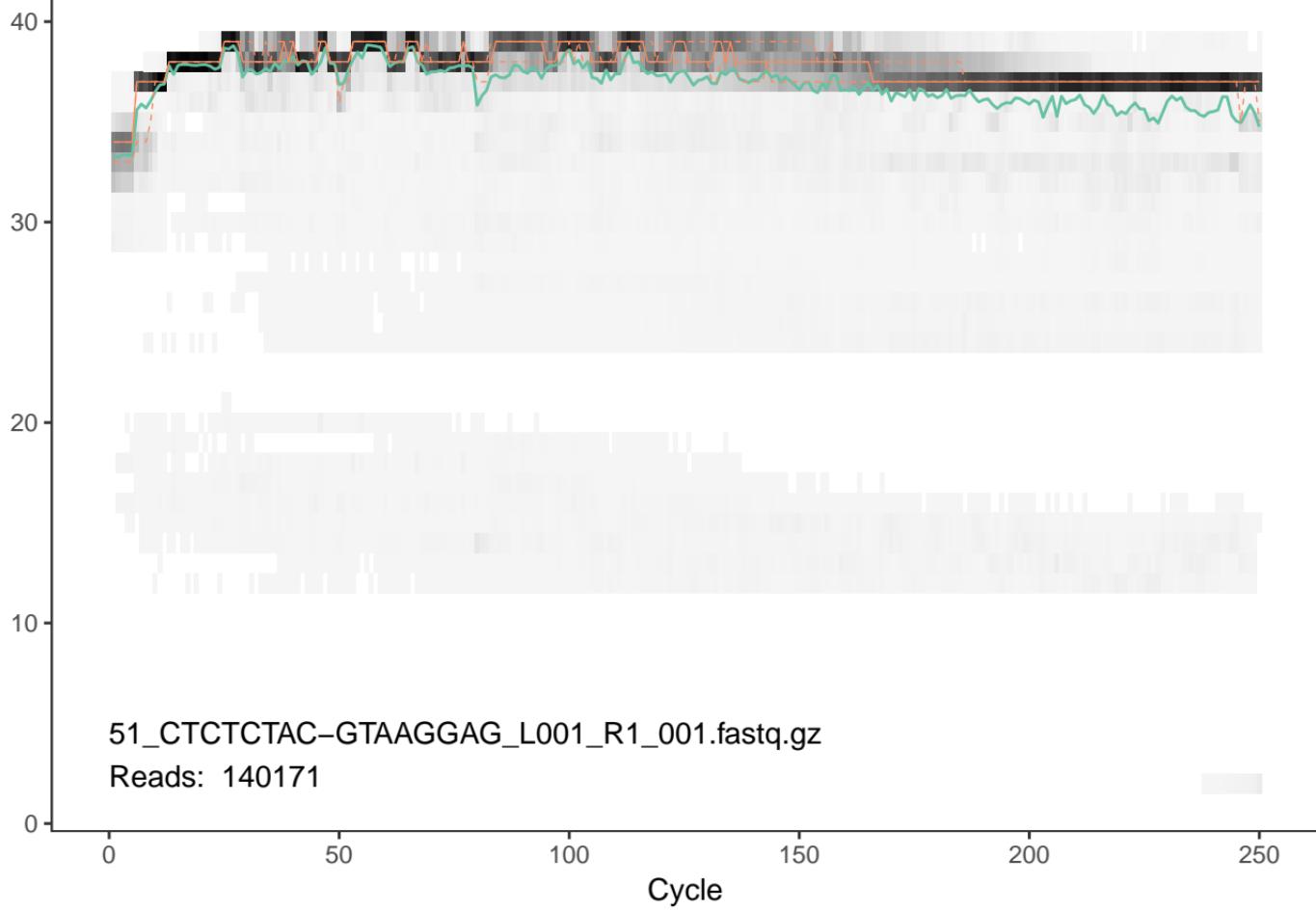
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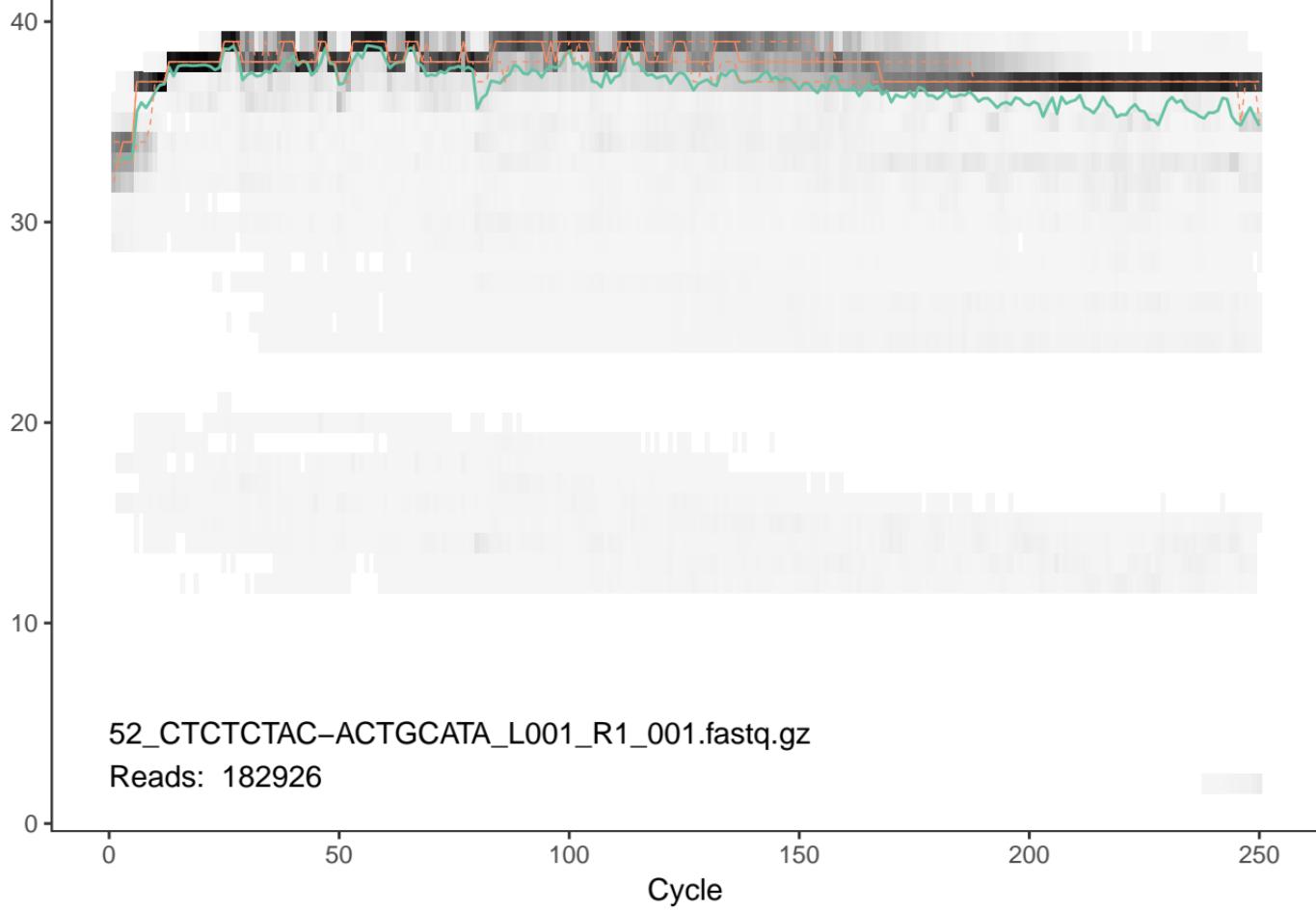
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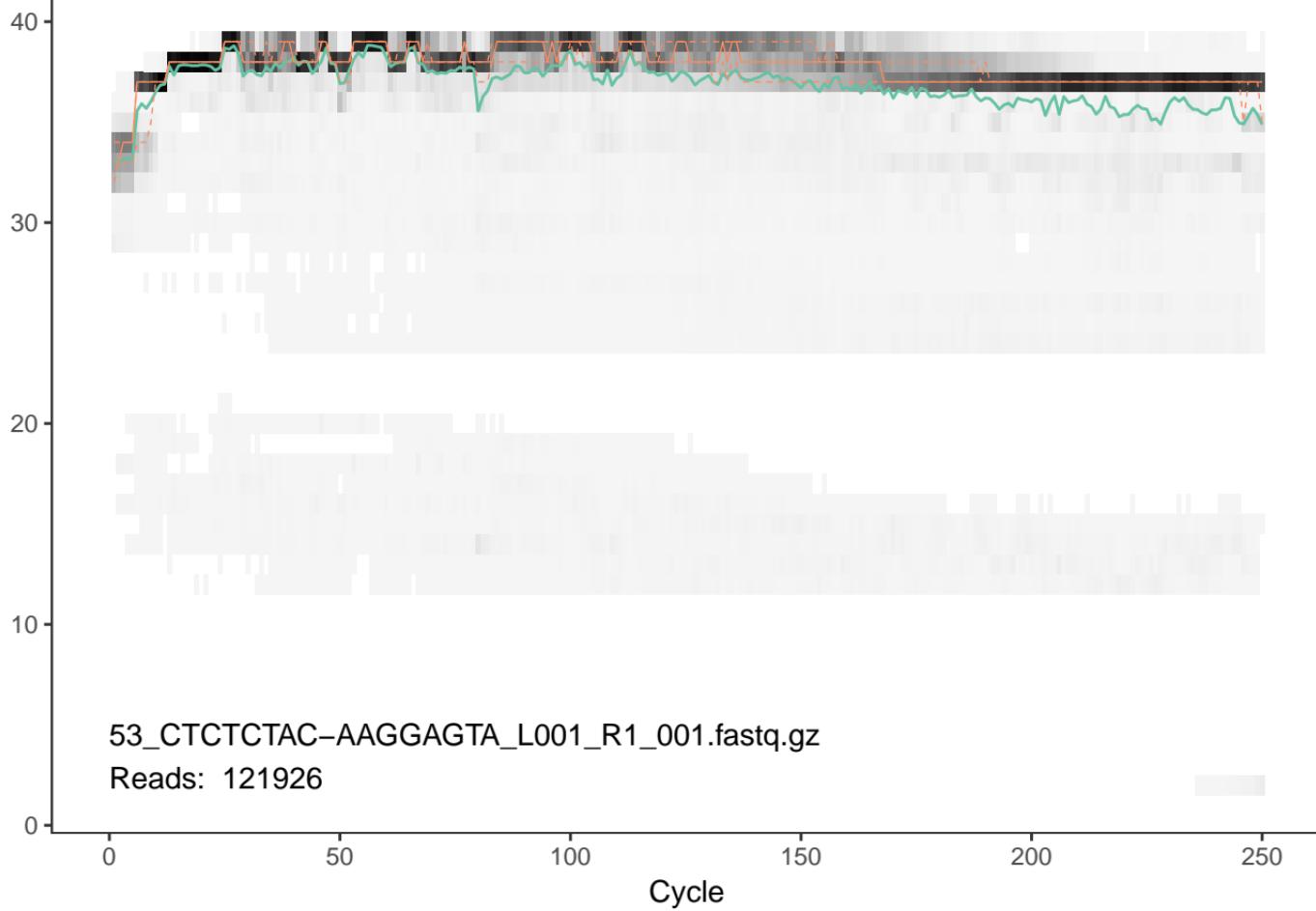
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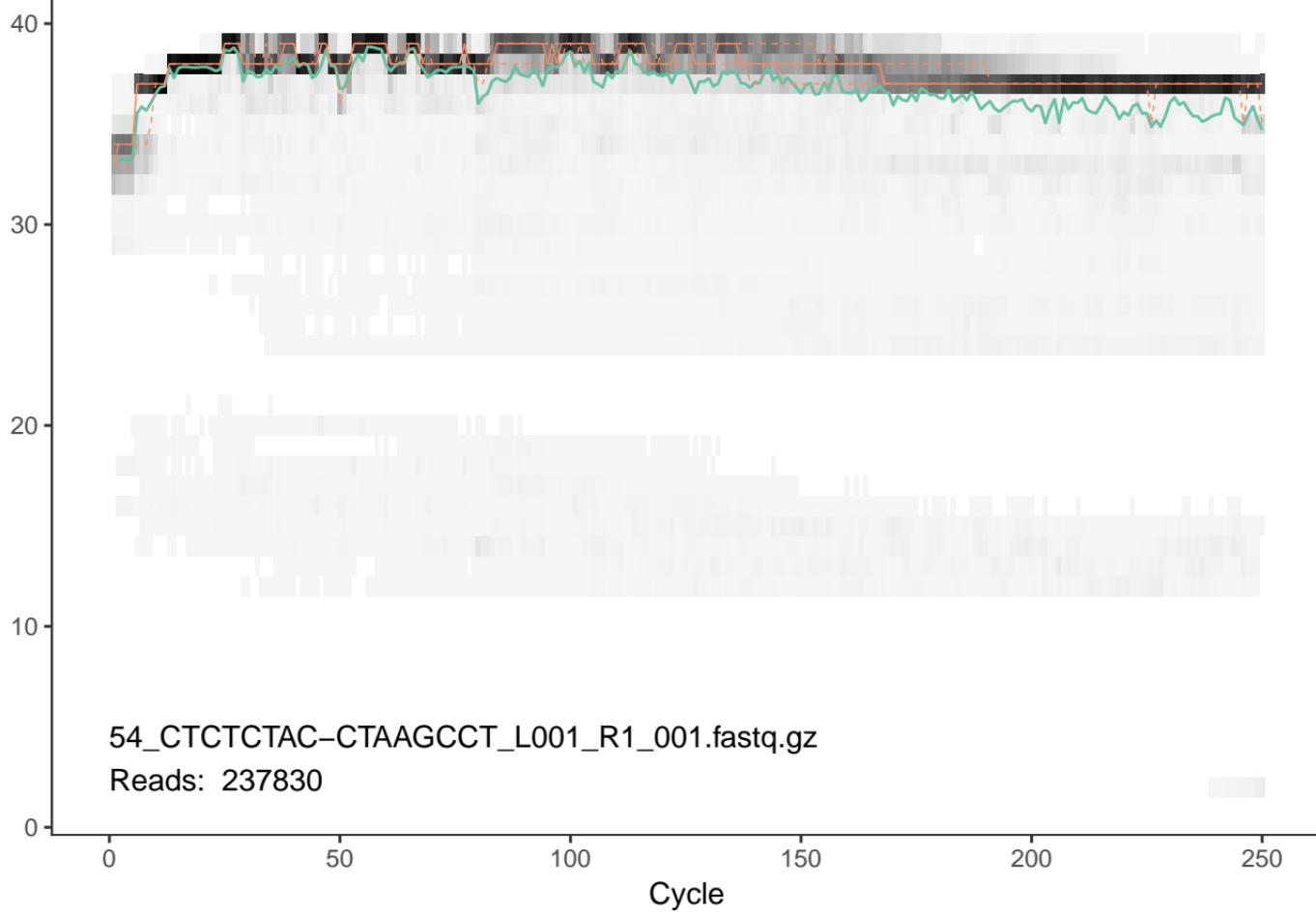
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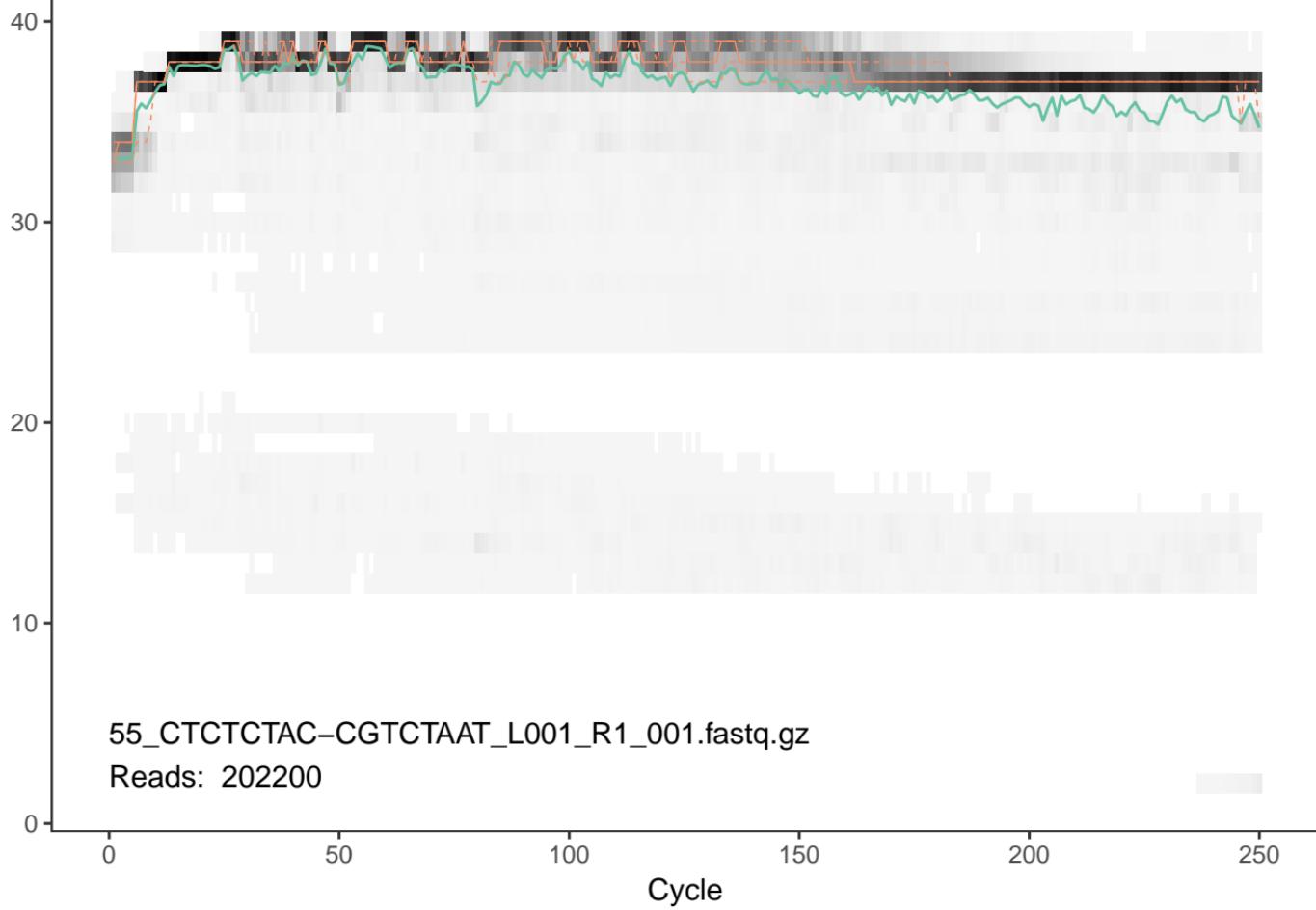
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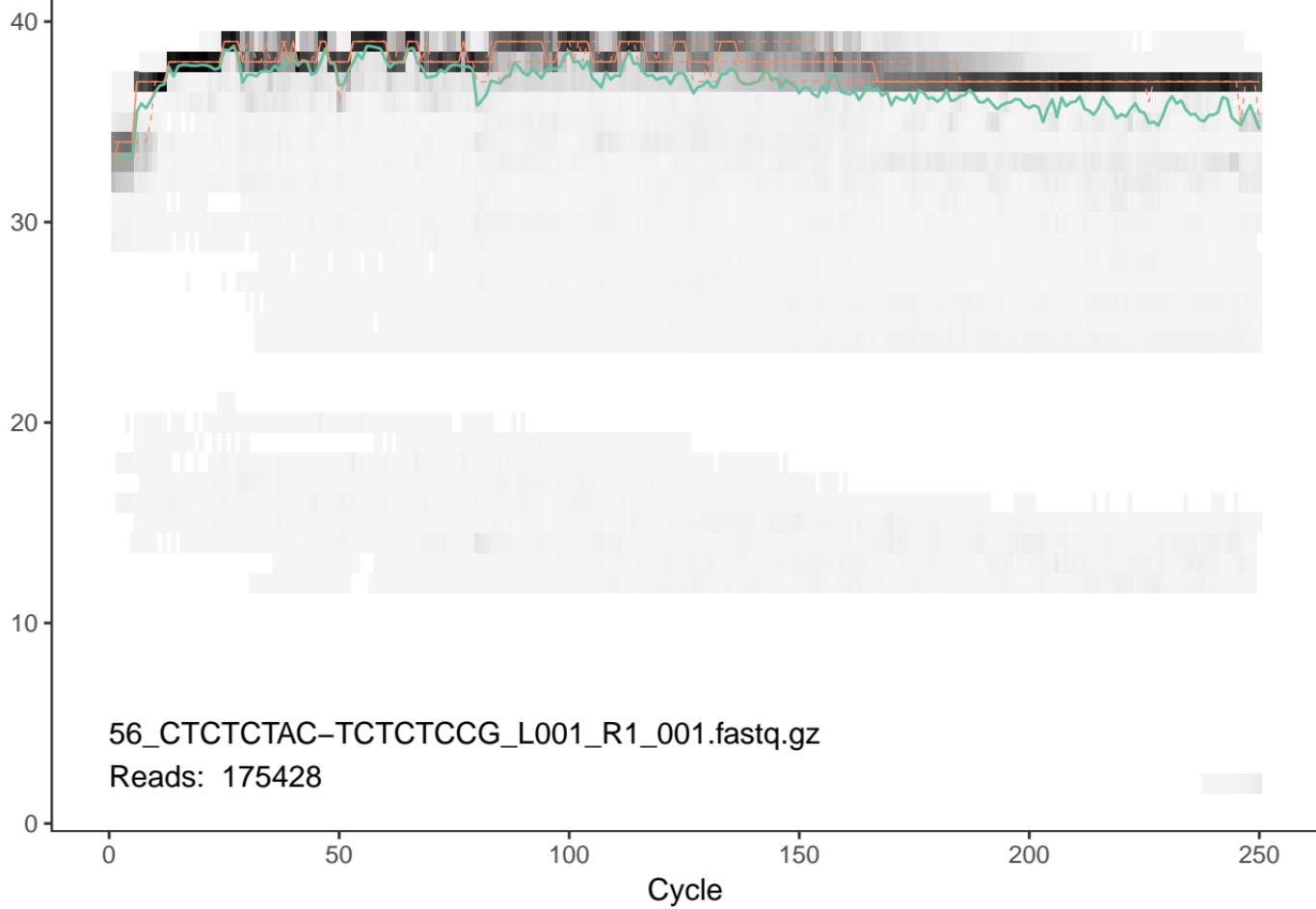
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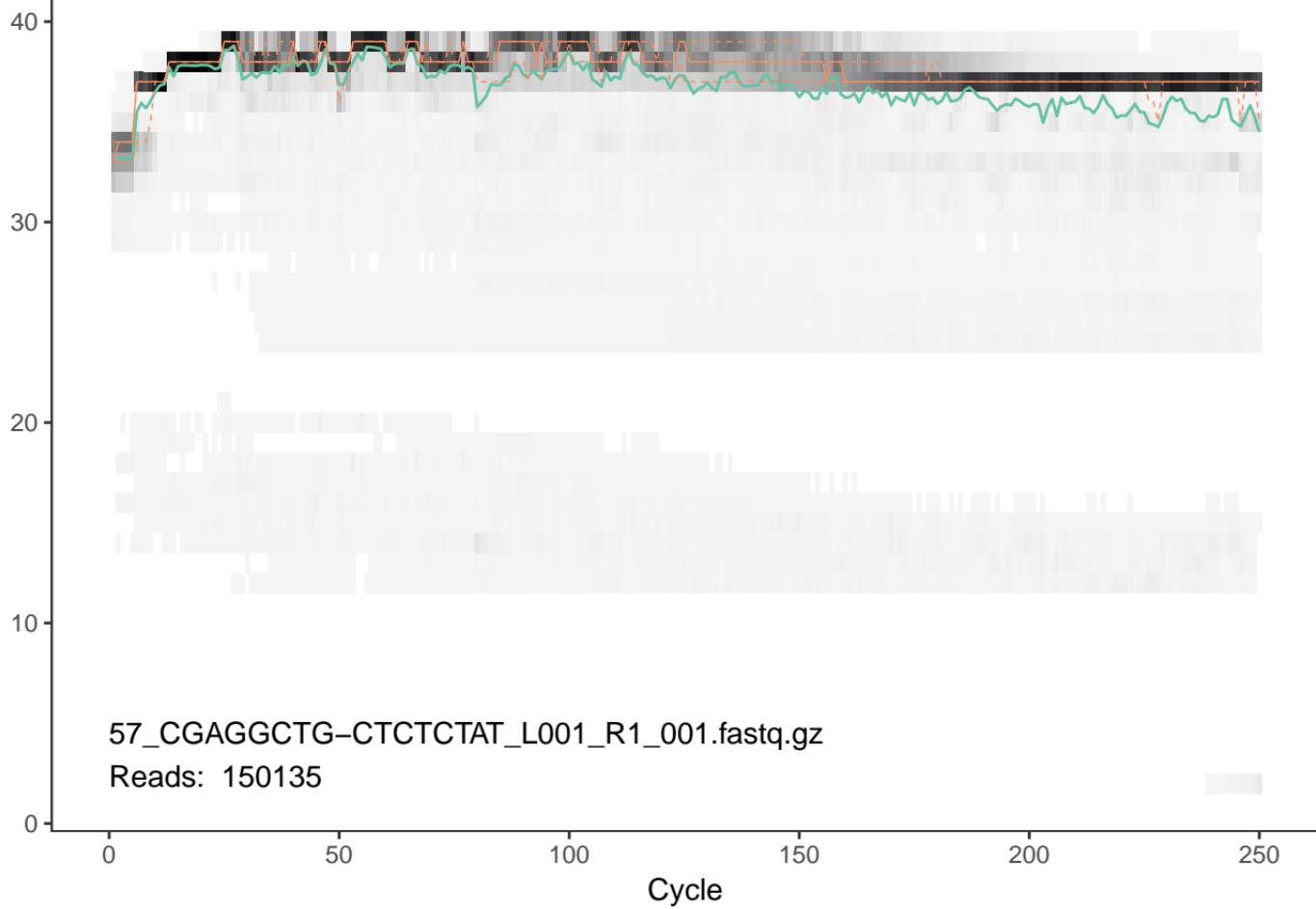
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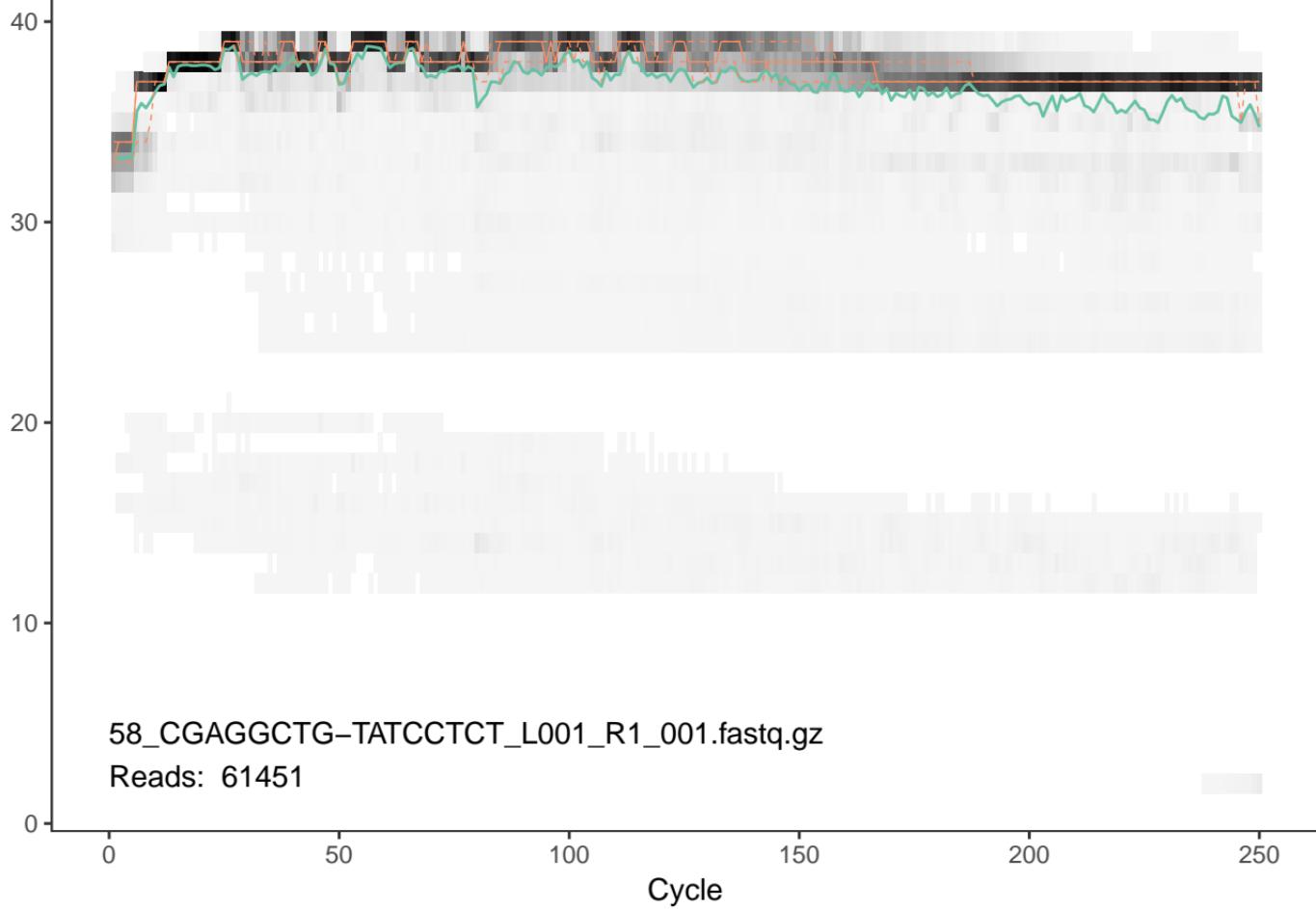
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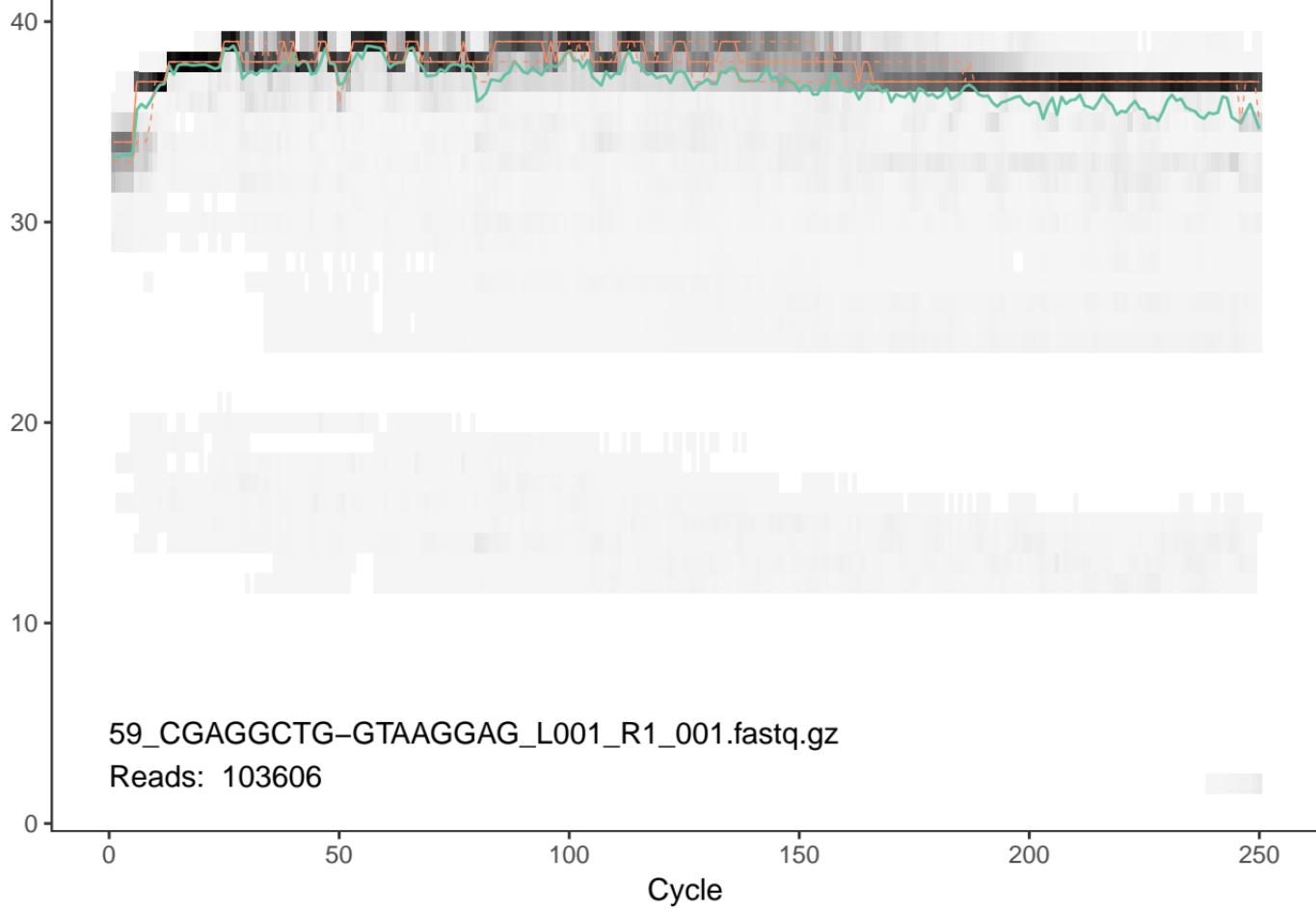
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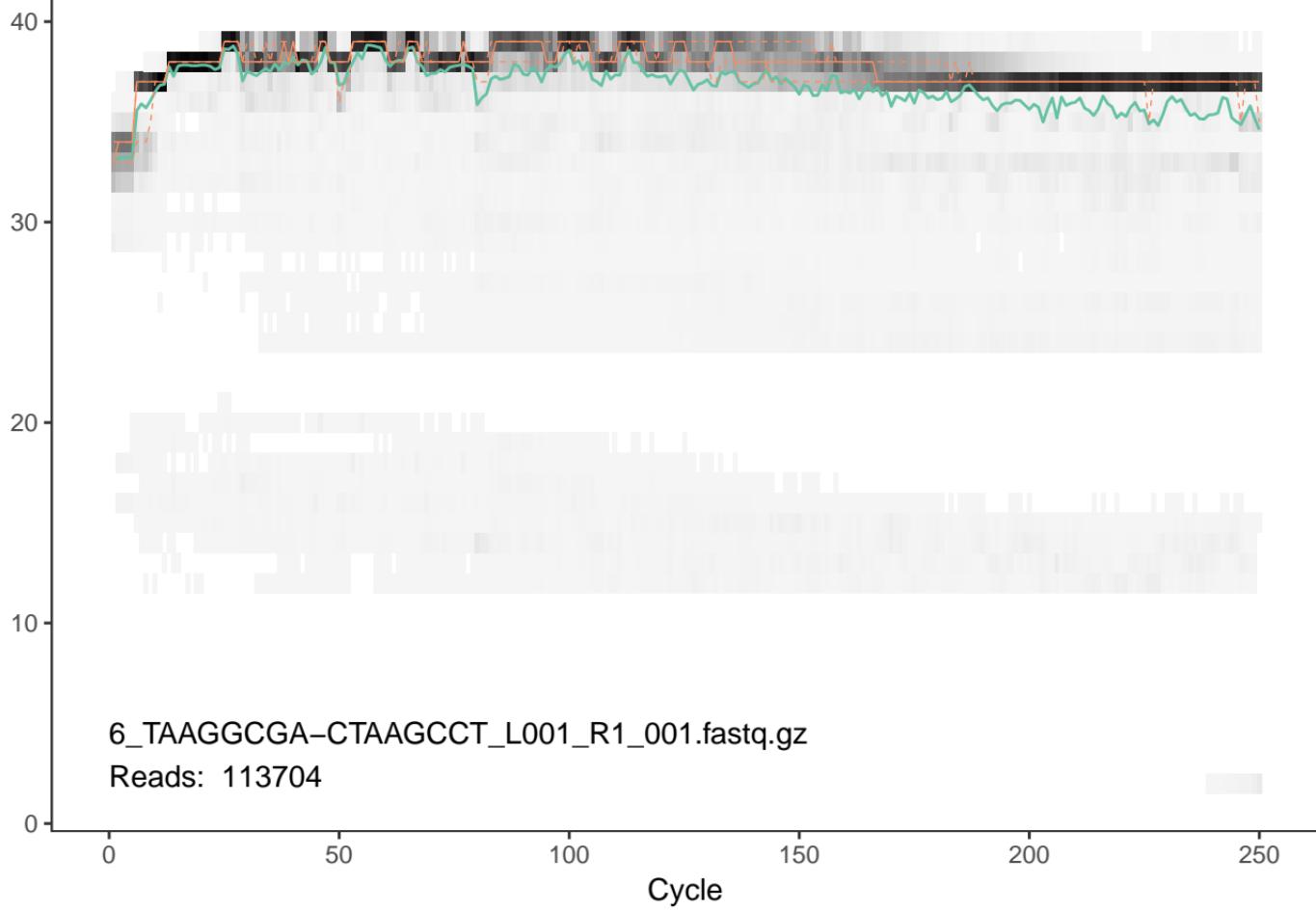
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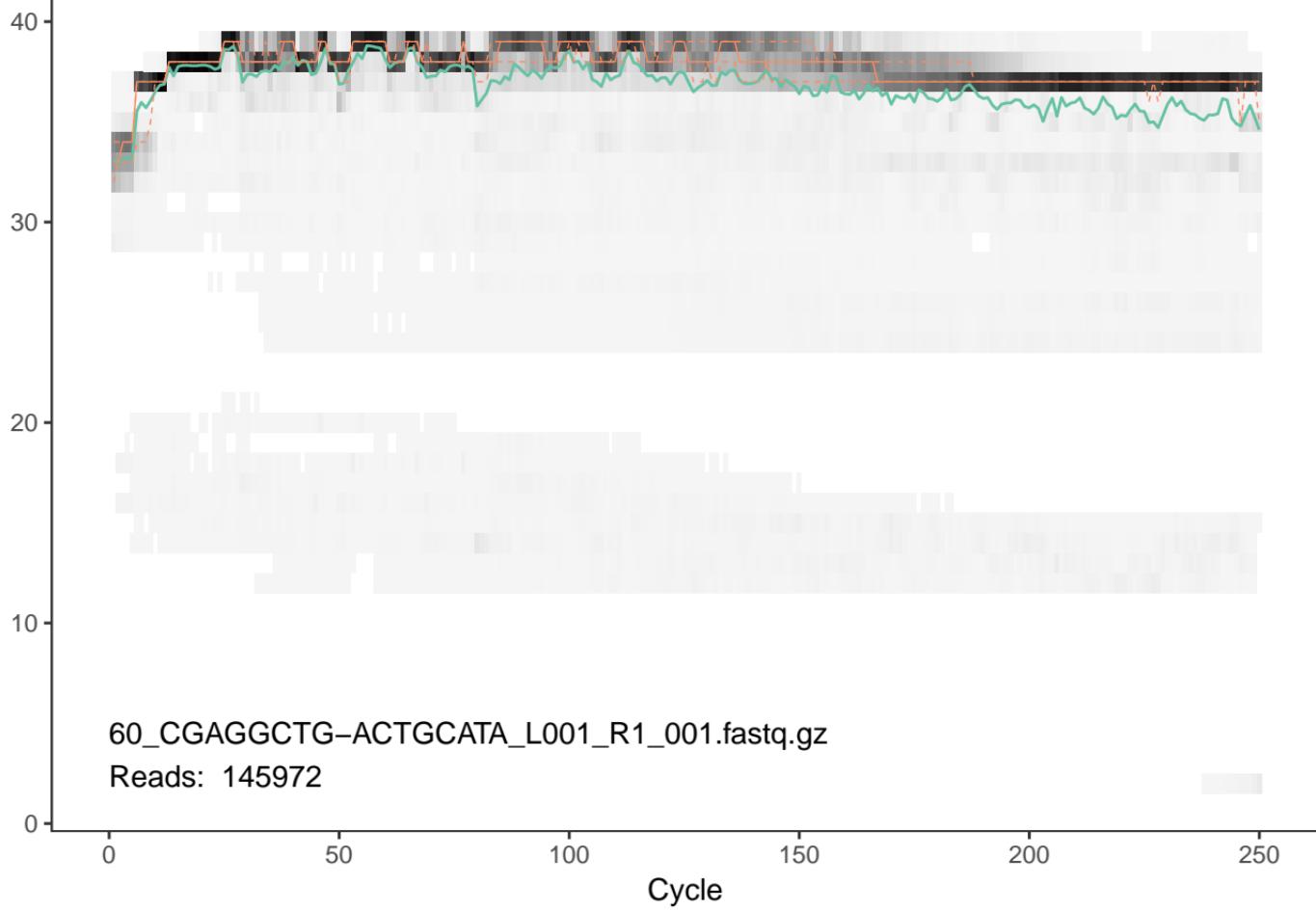
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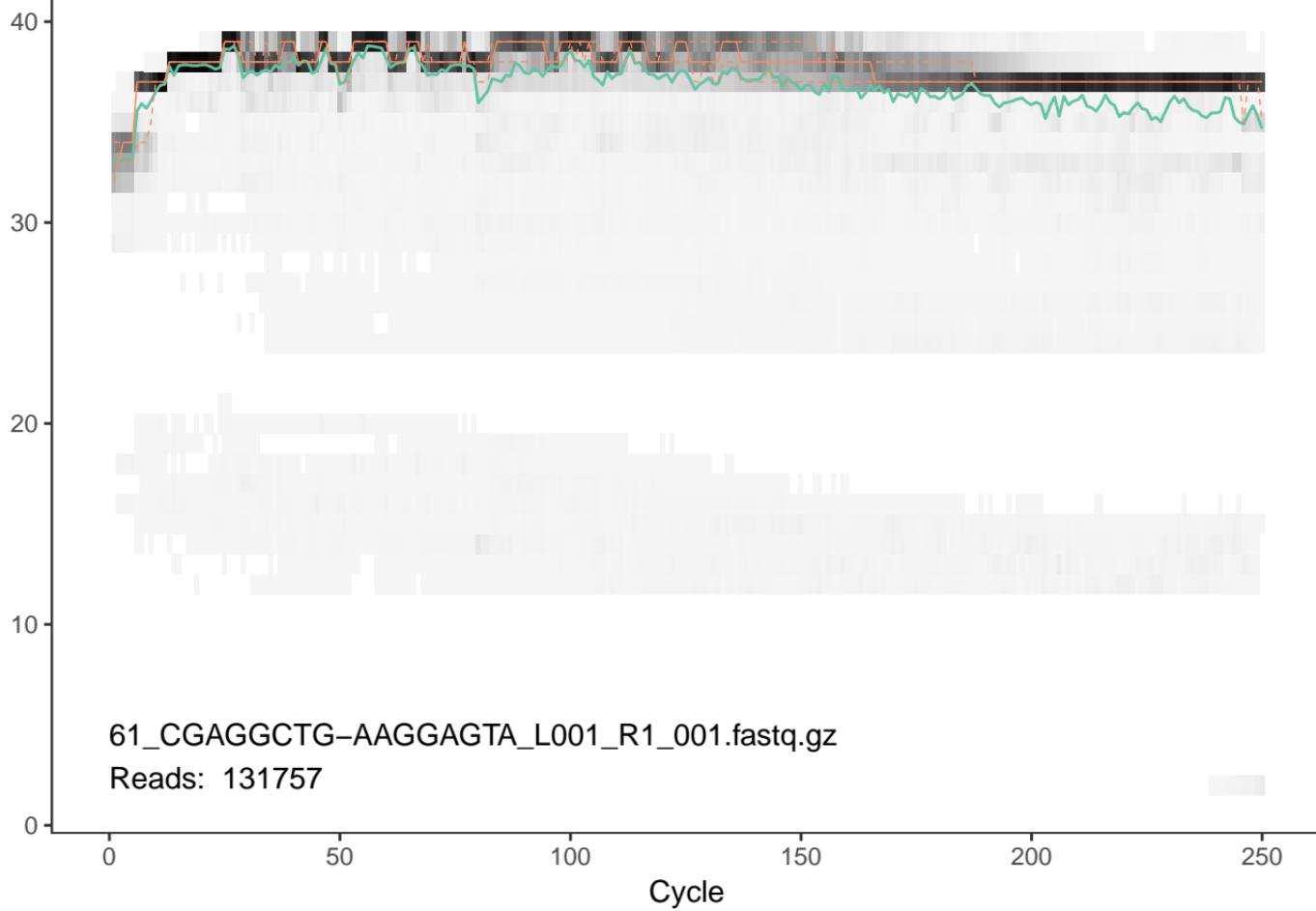
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Quality Score



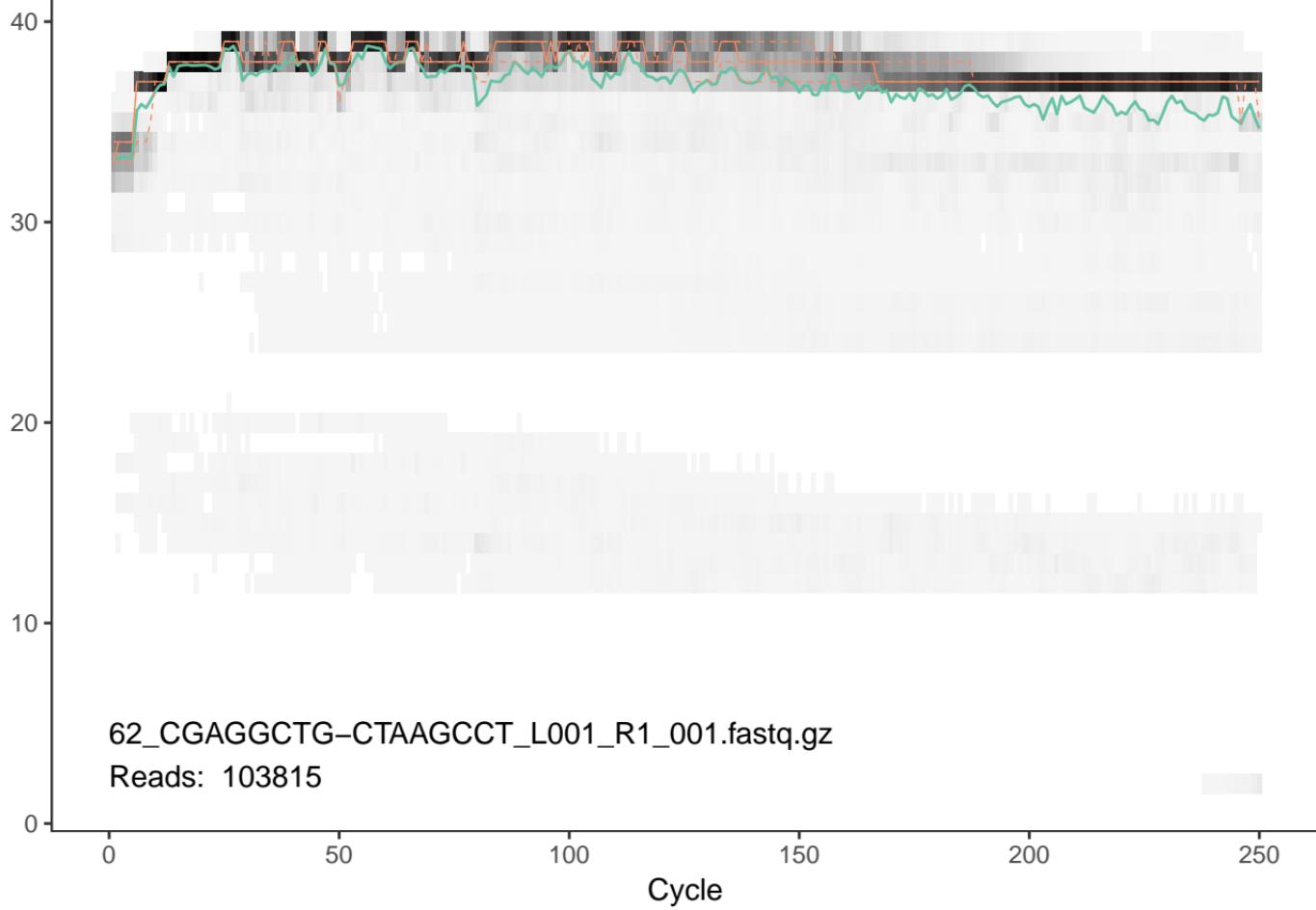
Fwd

Quality Score



Fwd

Quality Score



Fwd

Quality Score

40

30

20

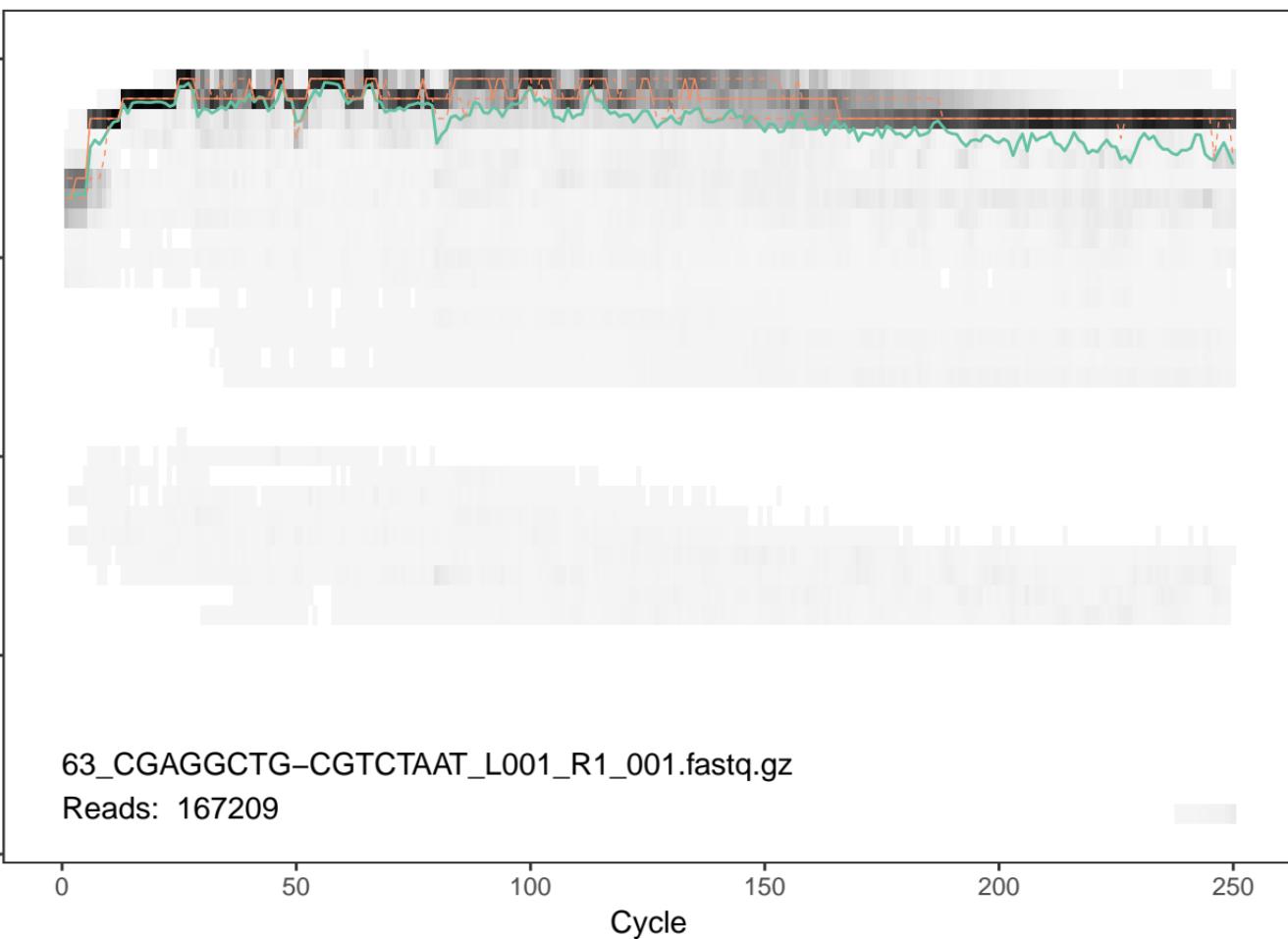
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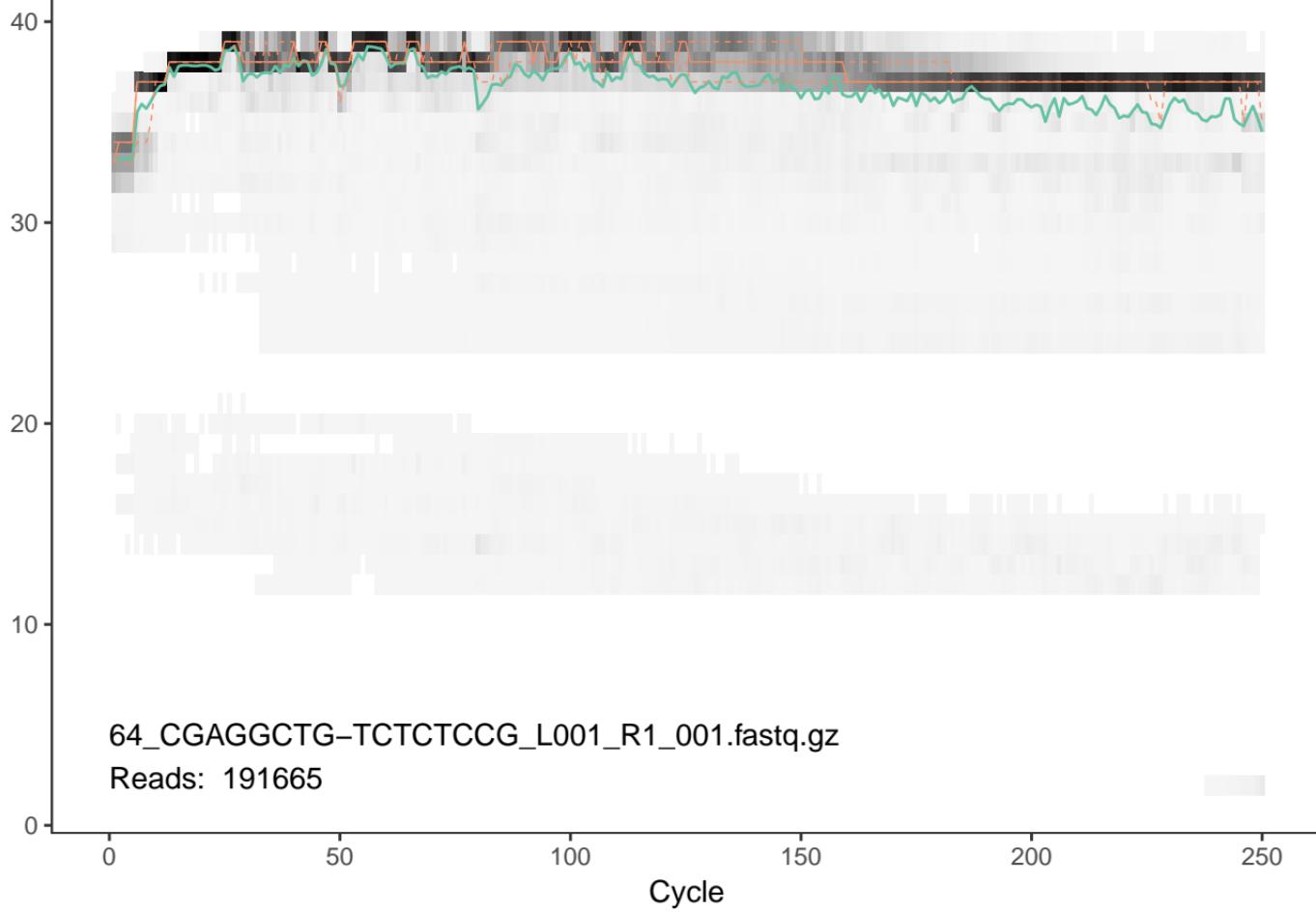
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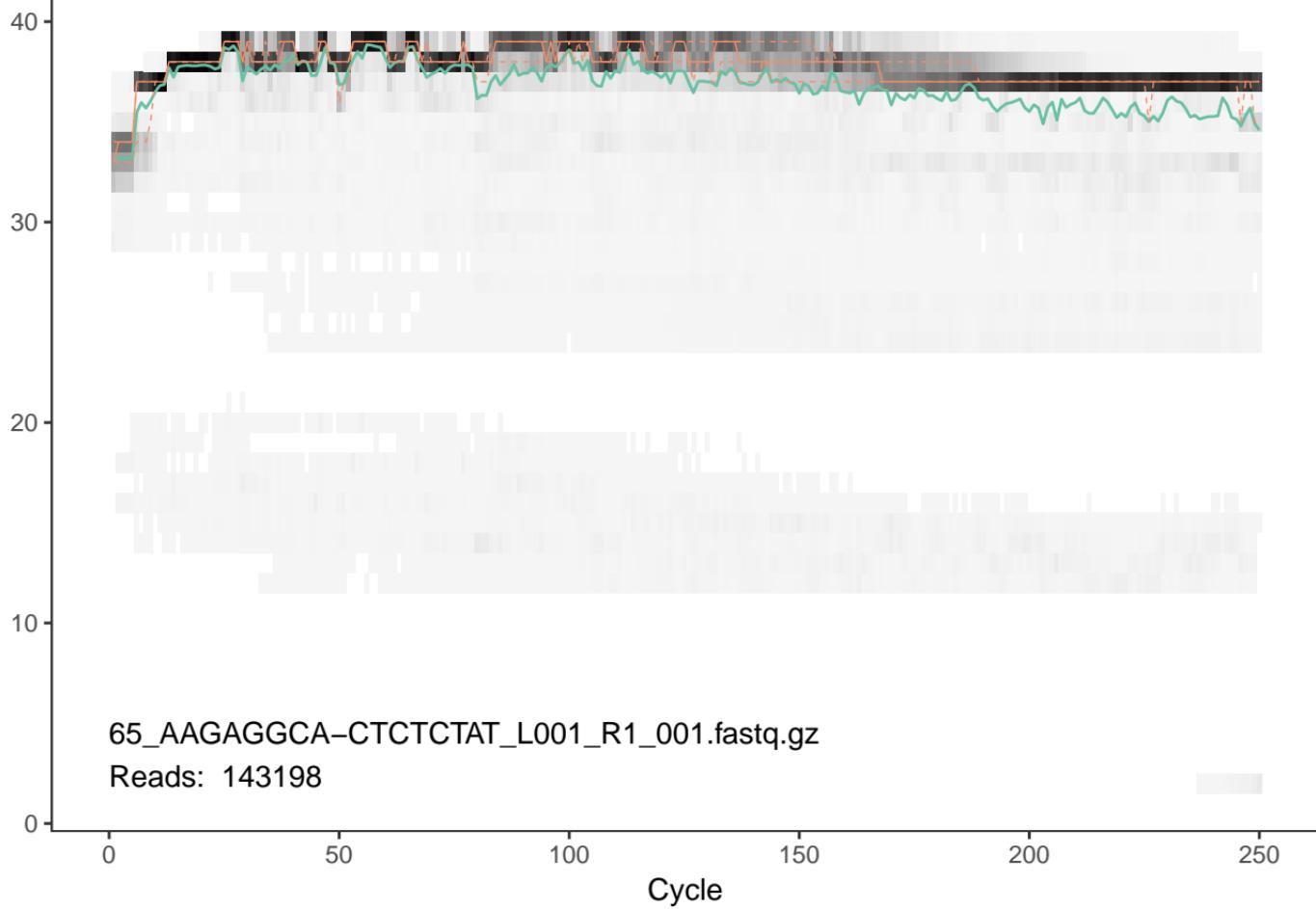
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Quality Score



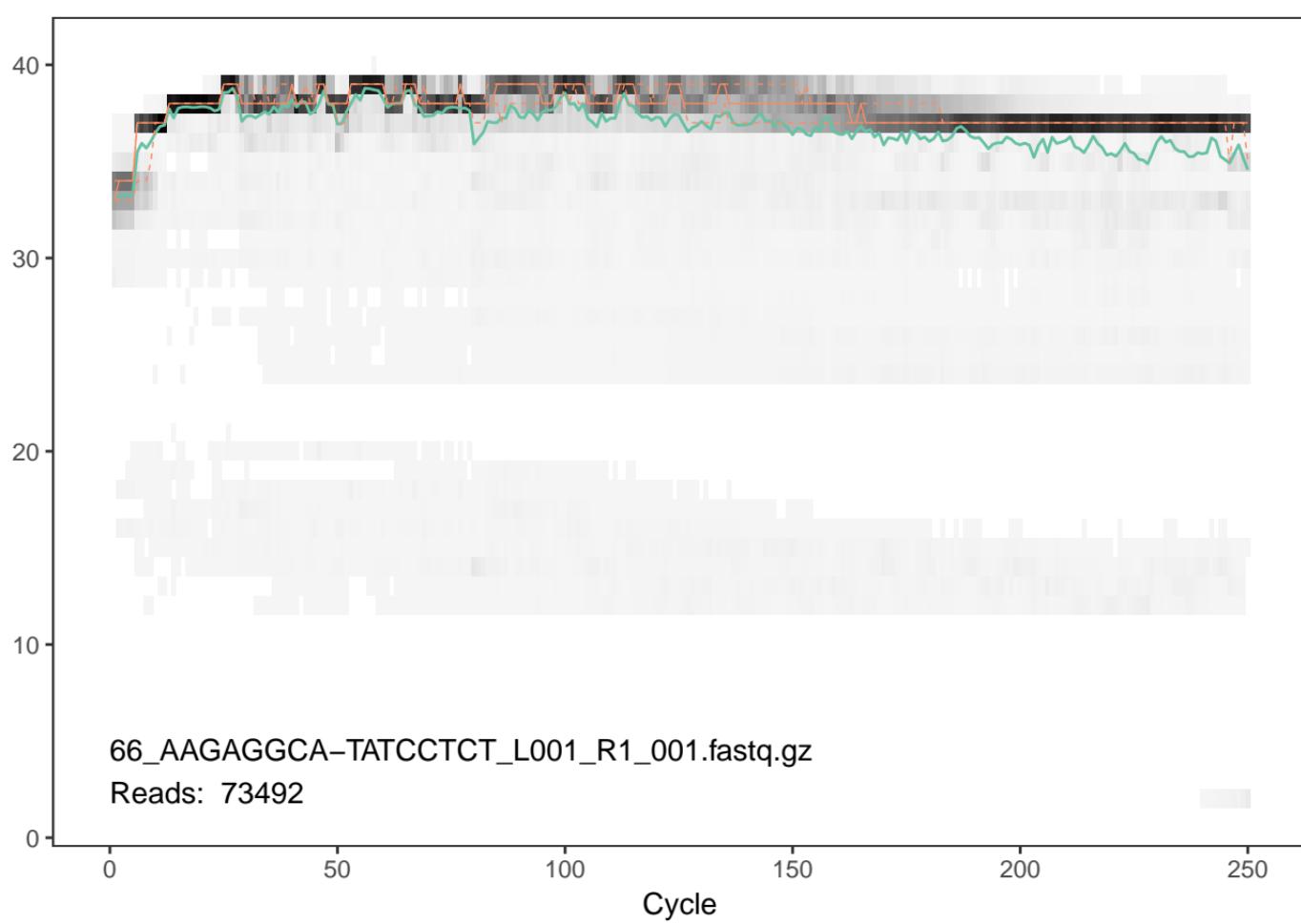
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Quality Score



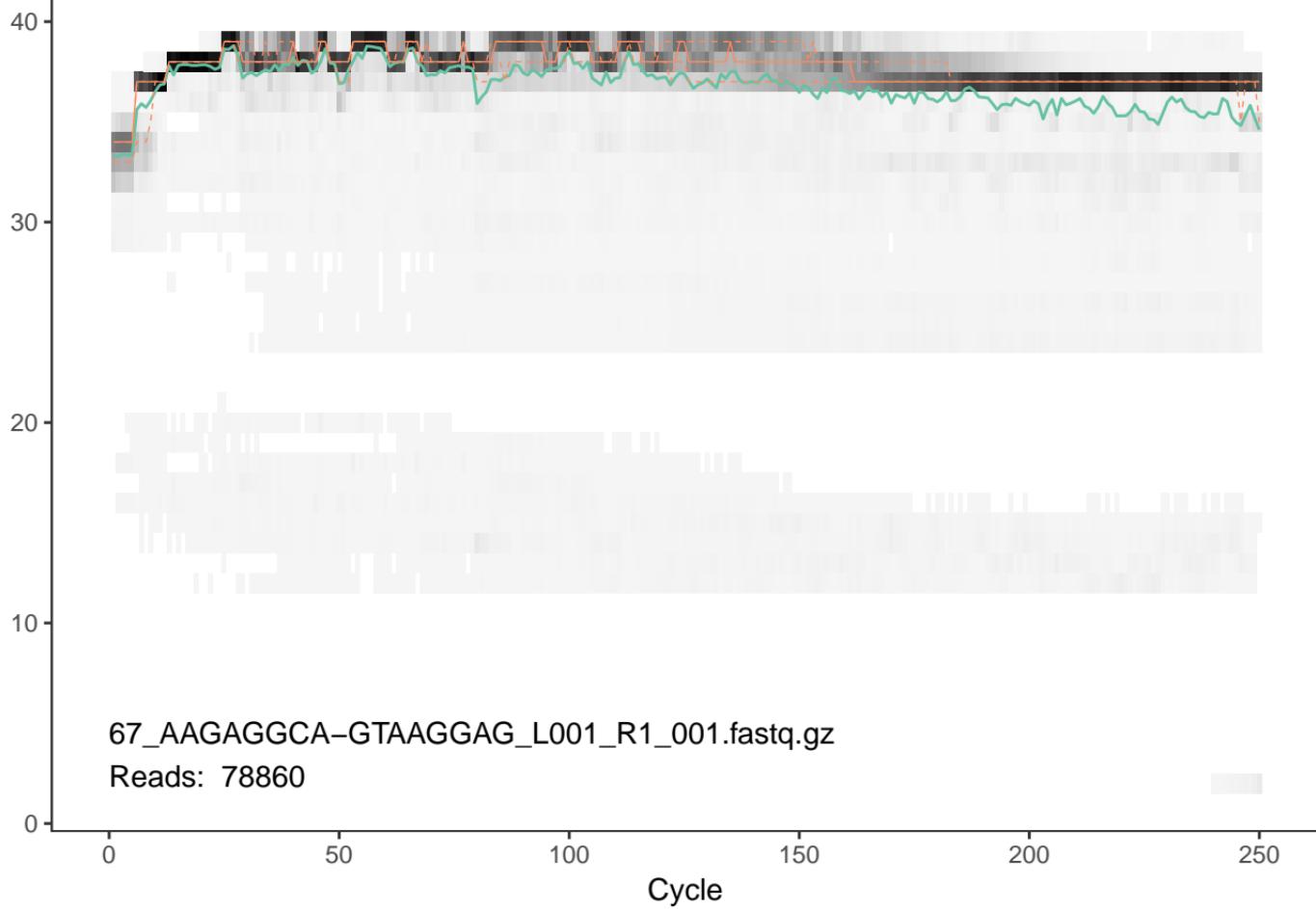
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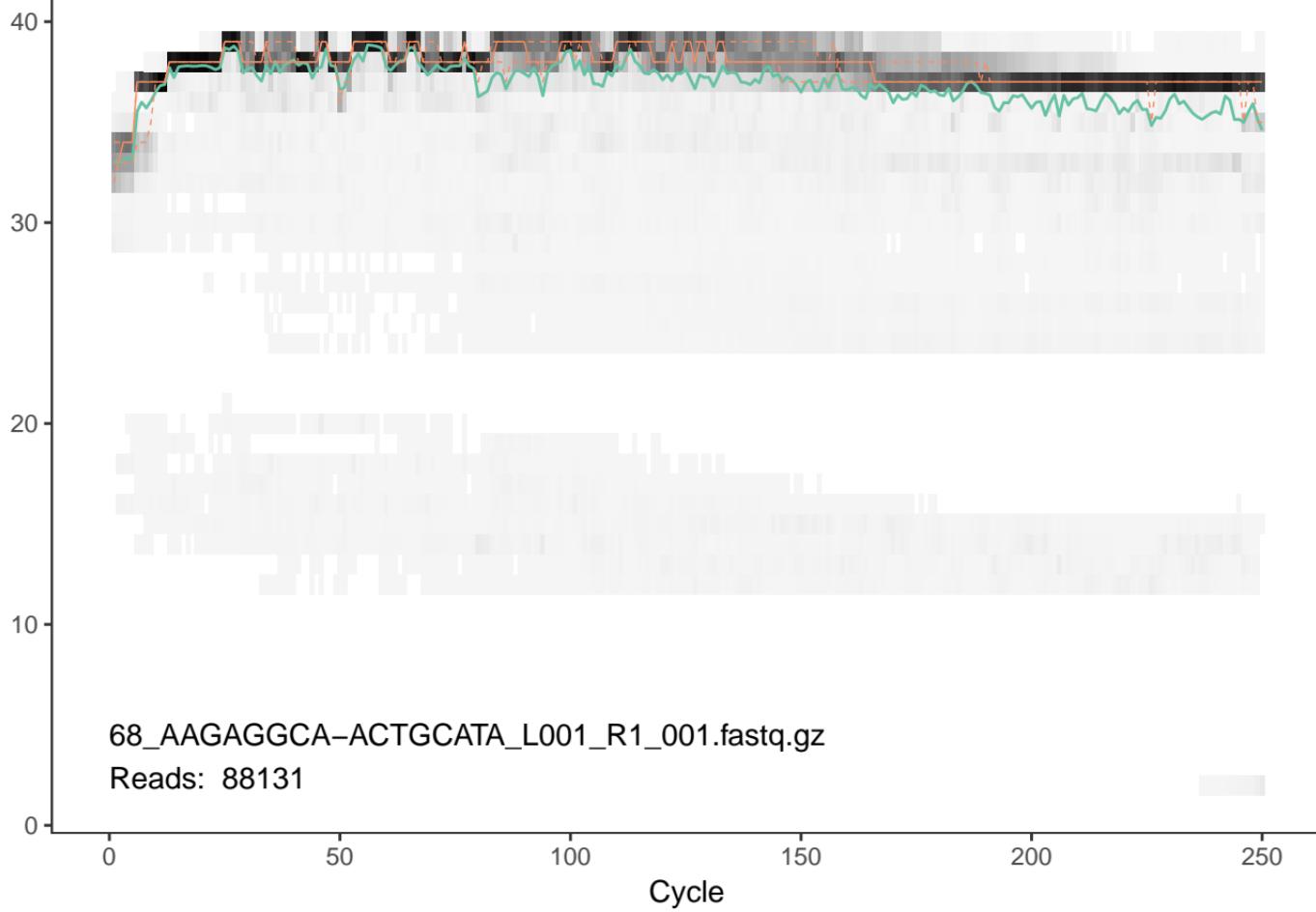
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Quality Score



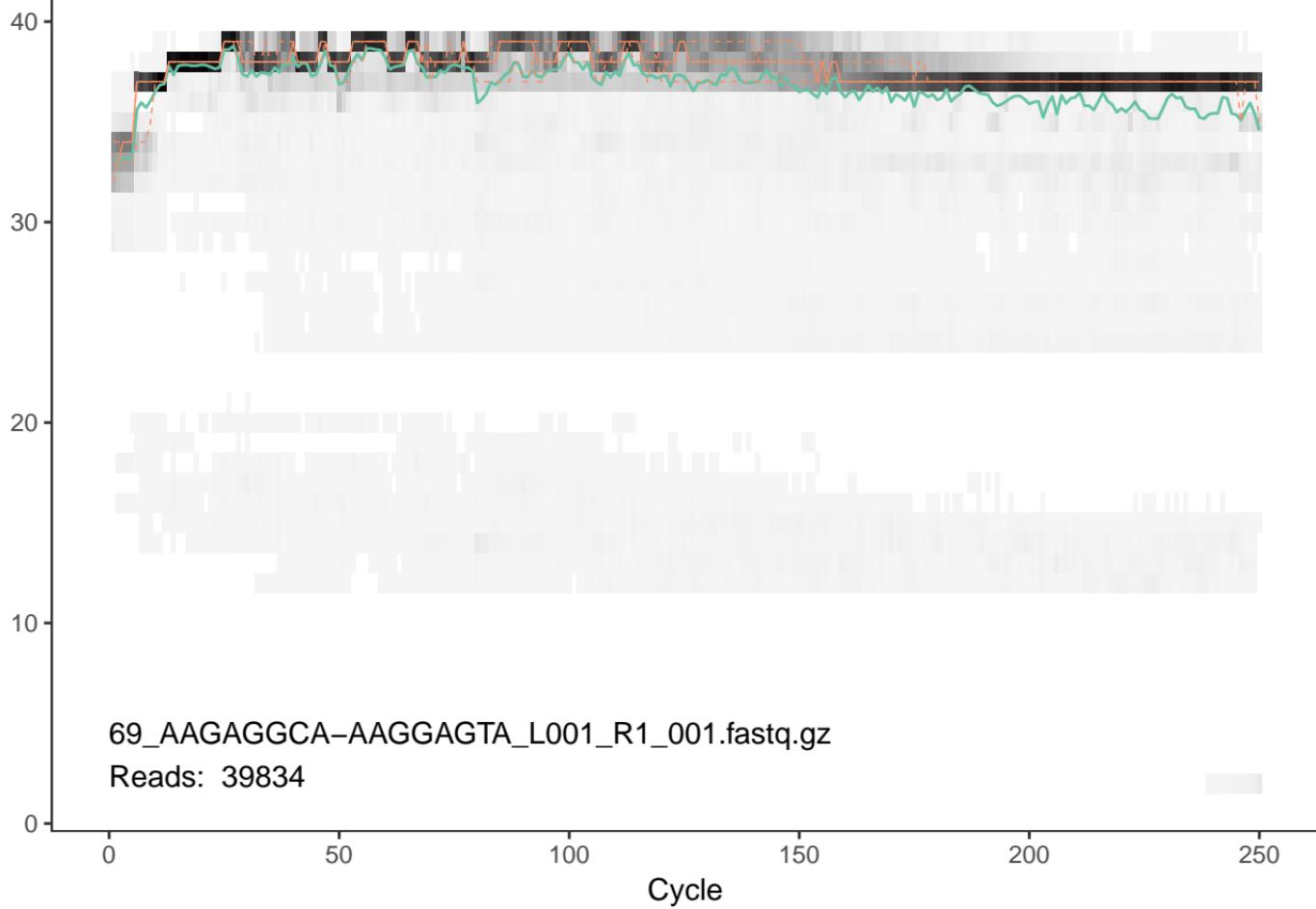
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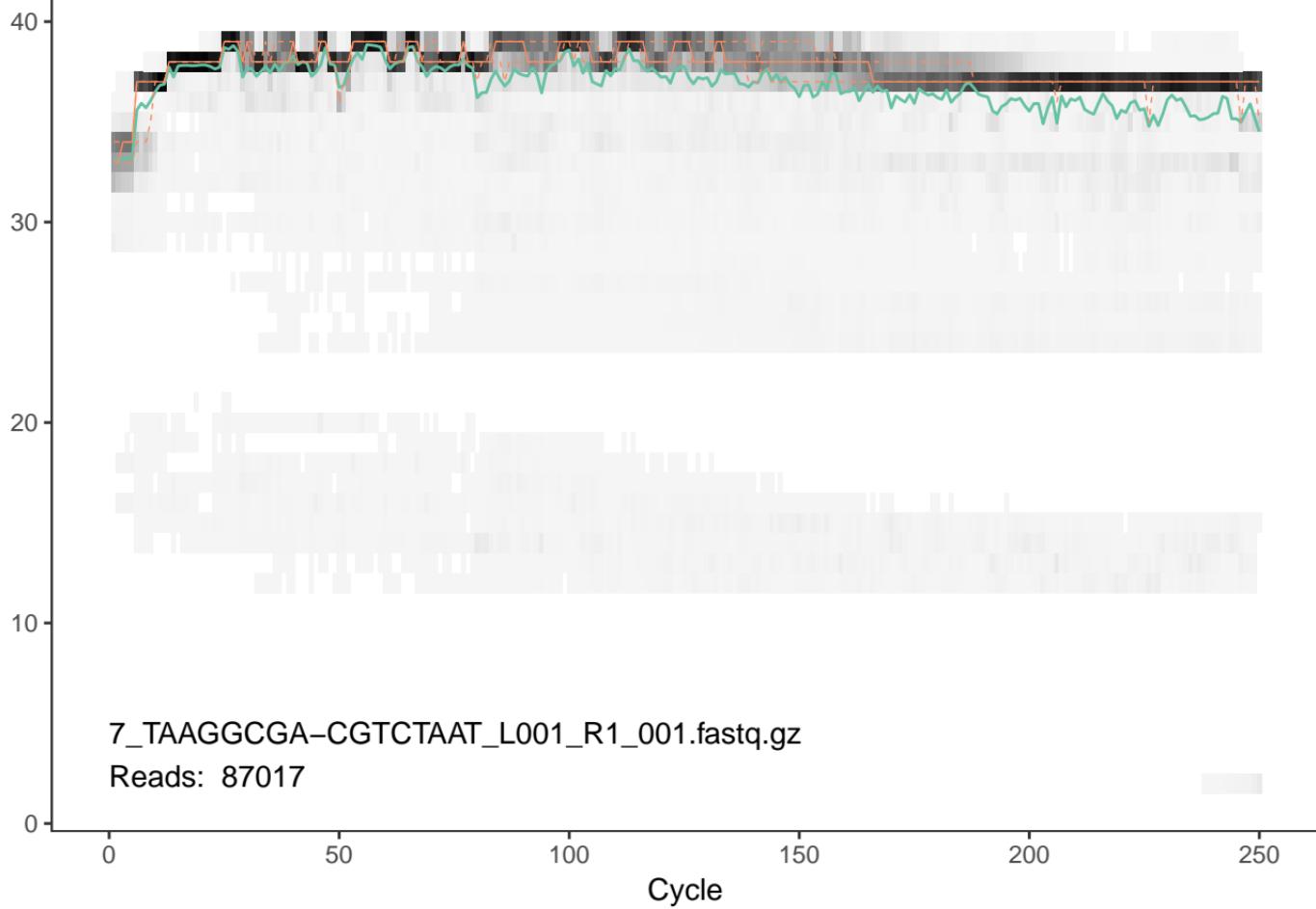
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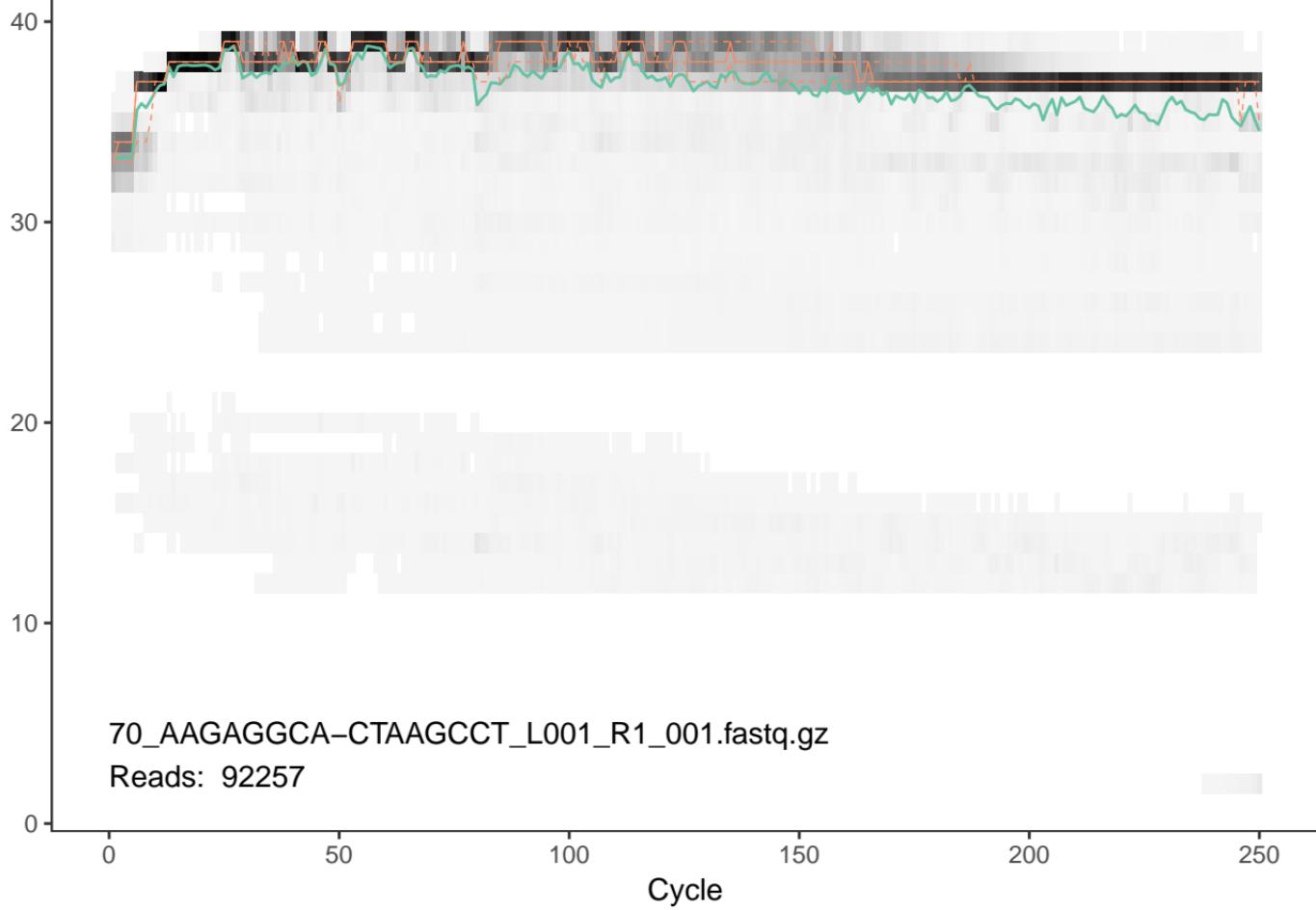
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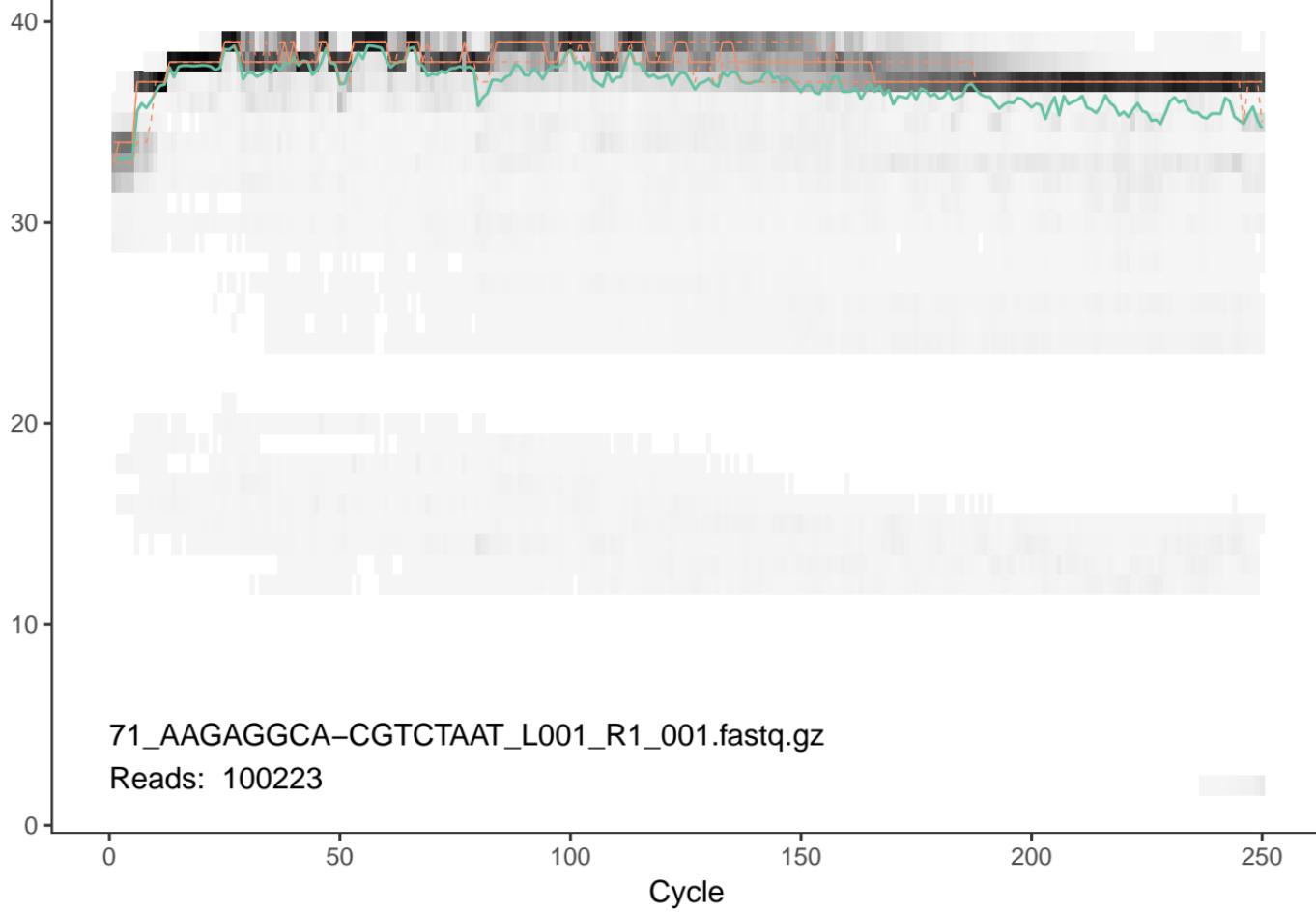
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Quality Score



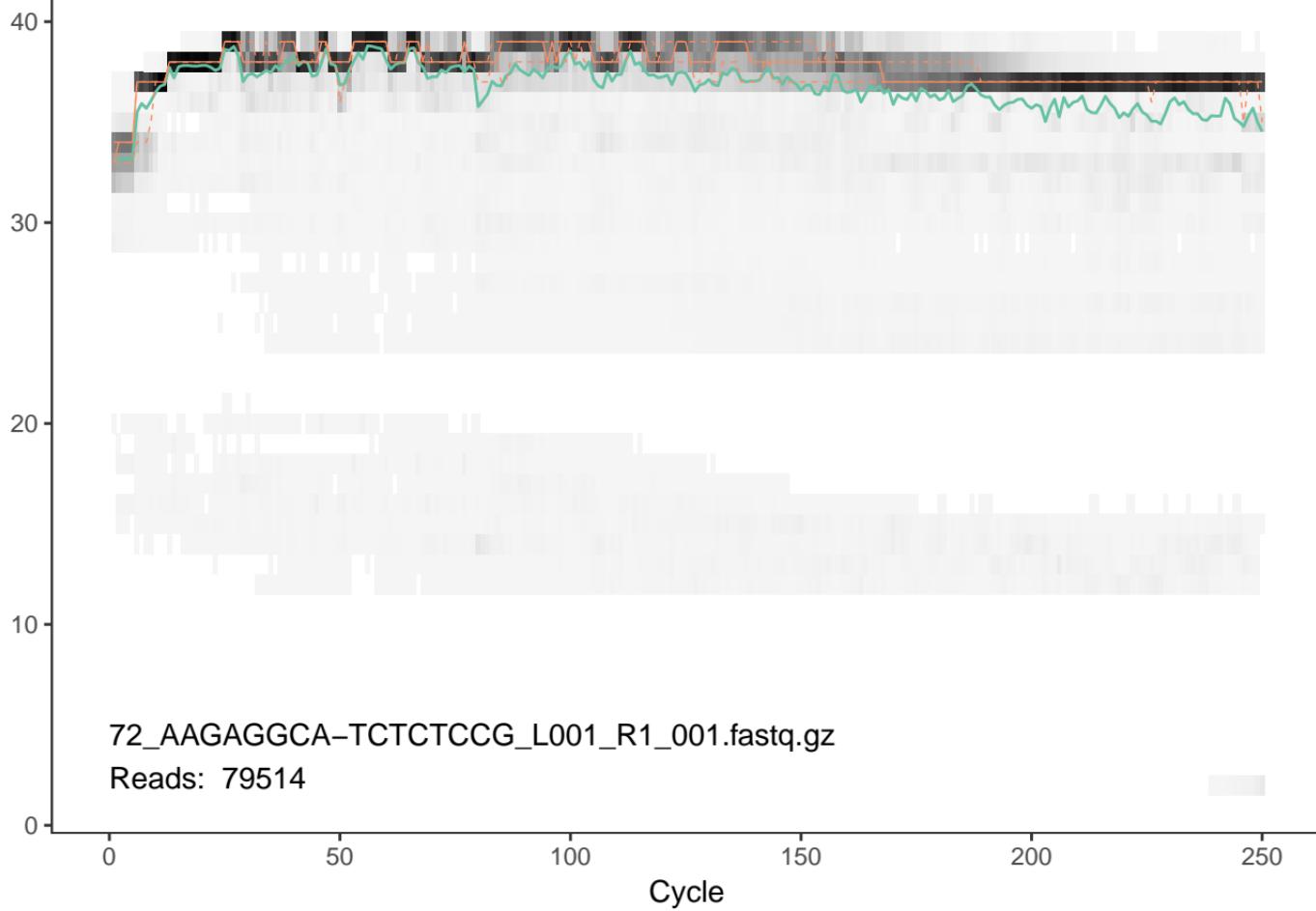
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Quality Score



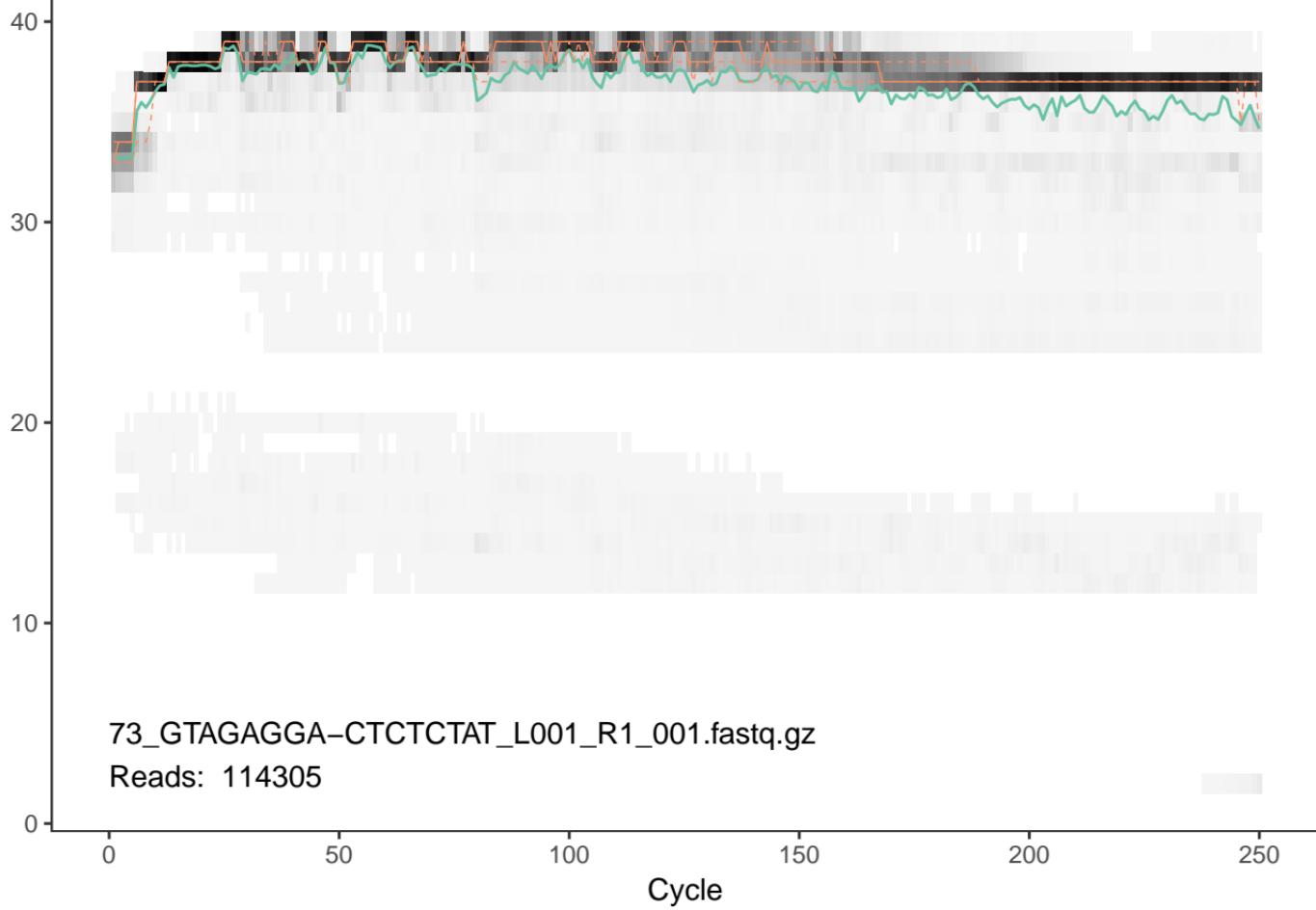
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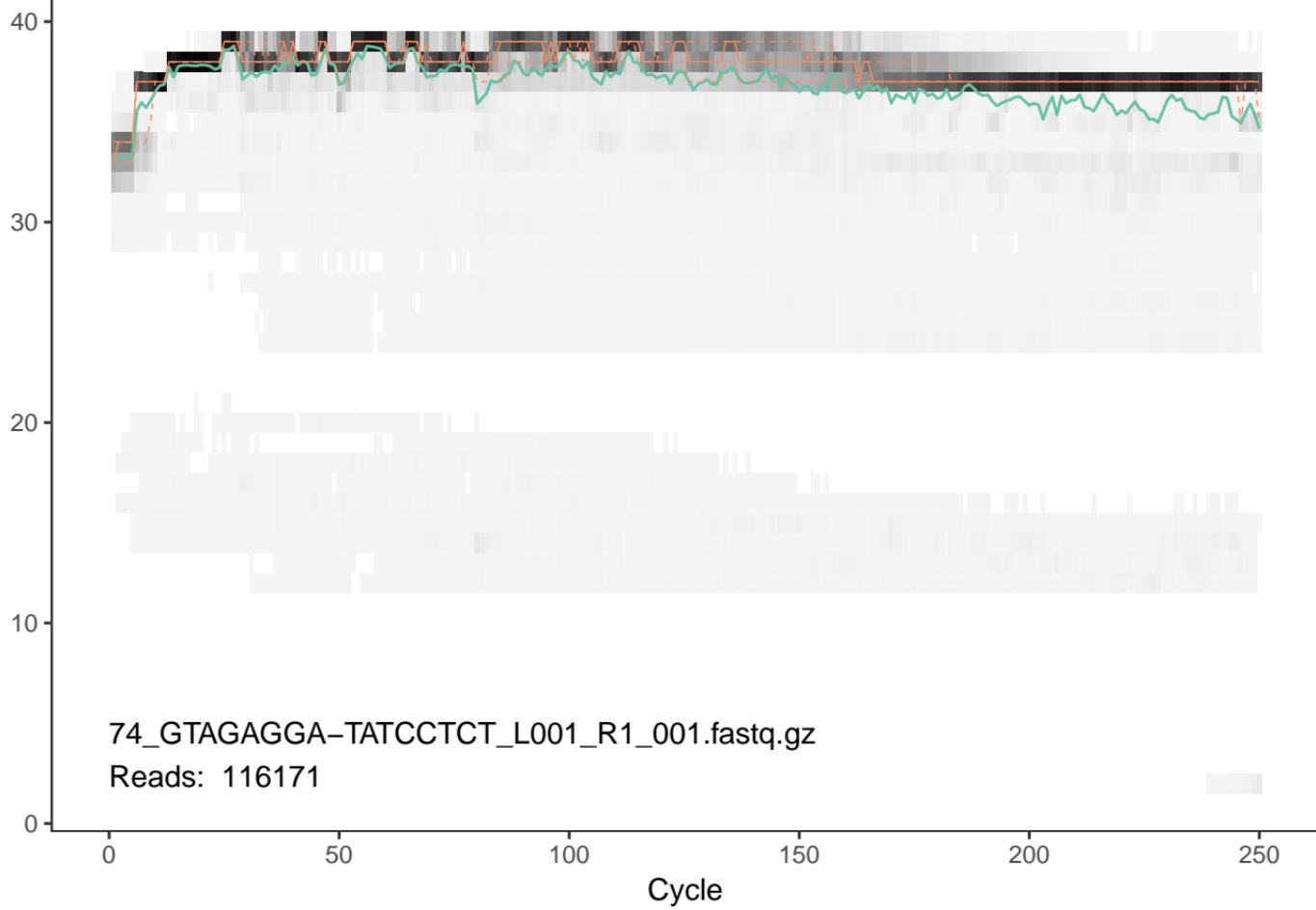
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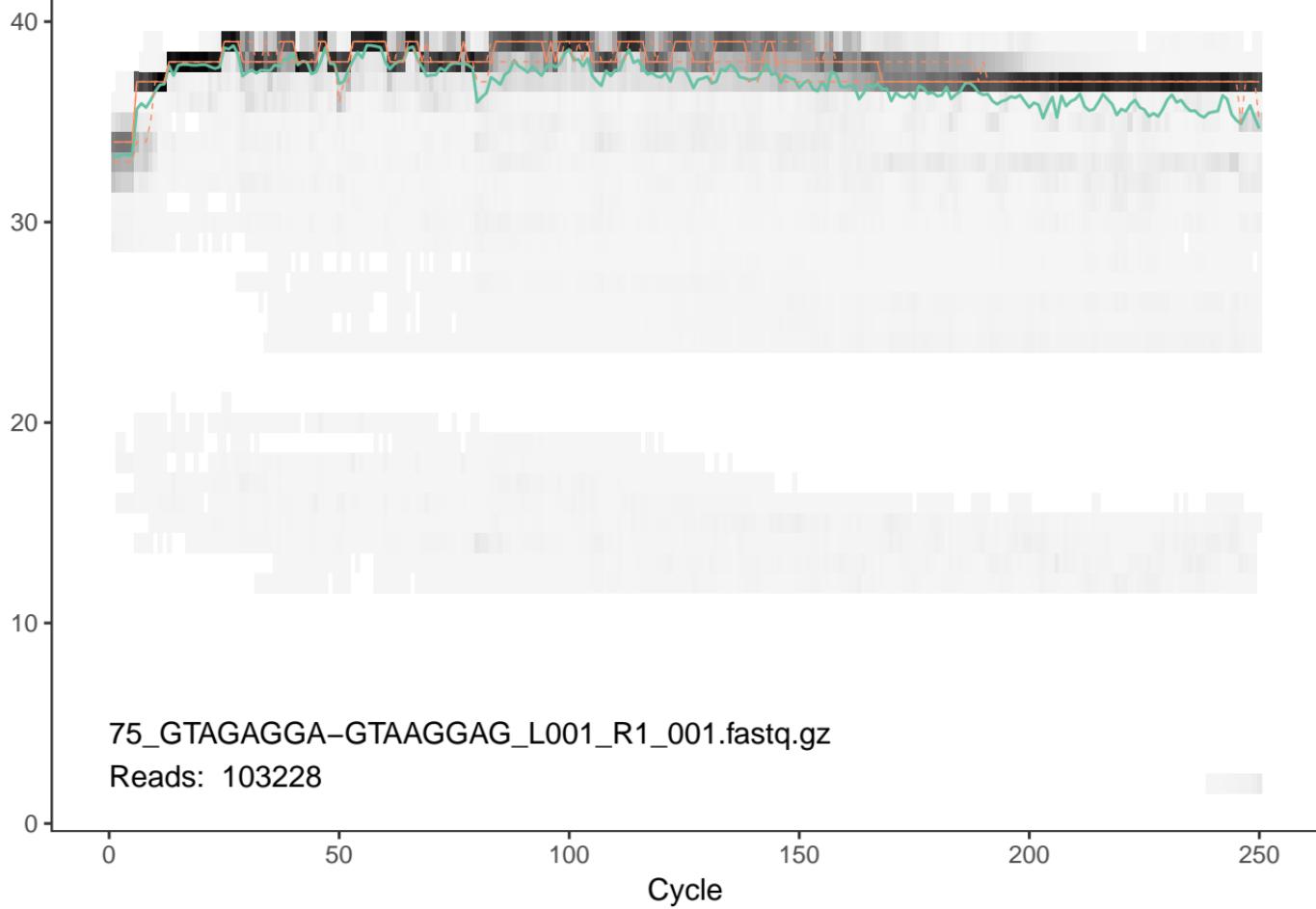
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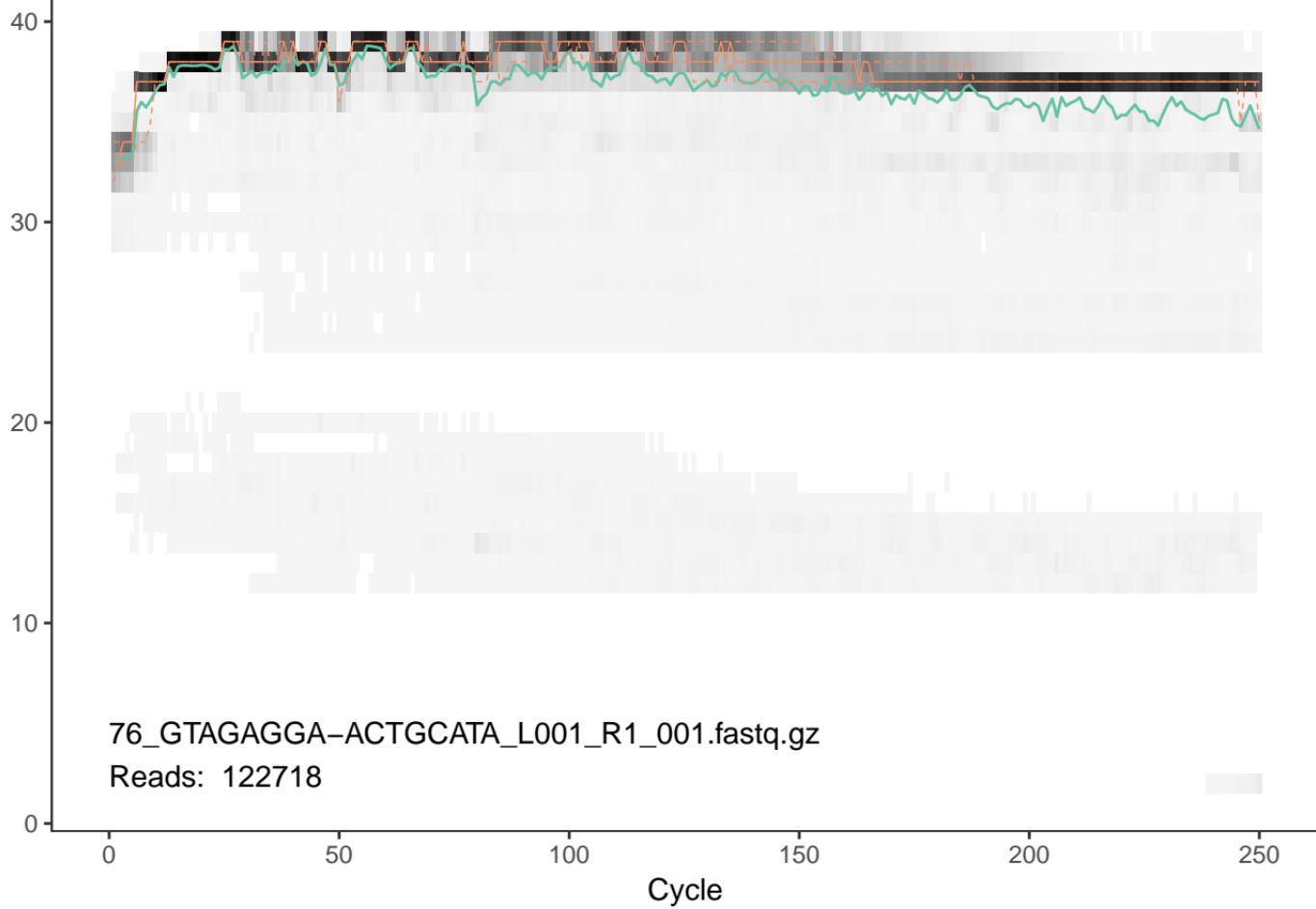
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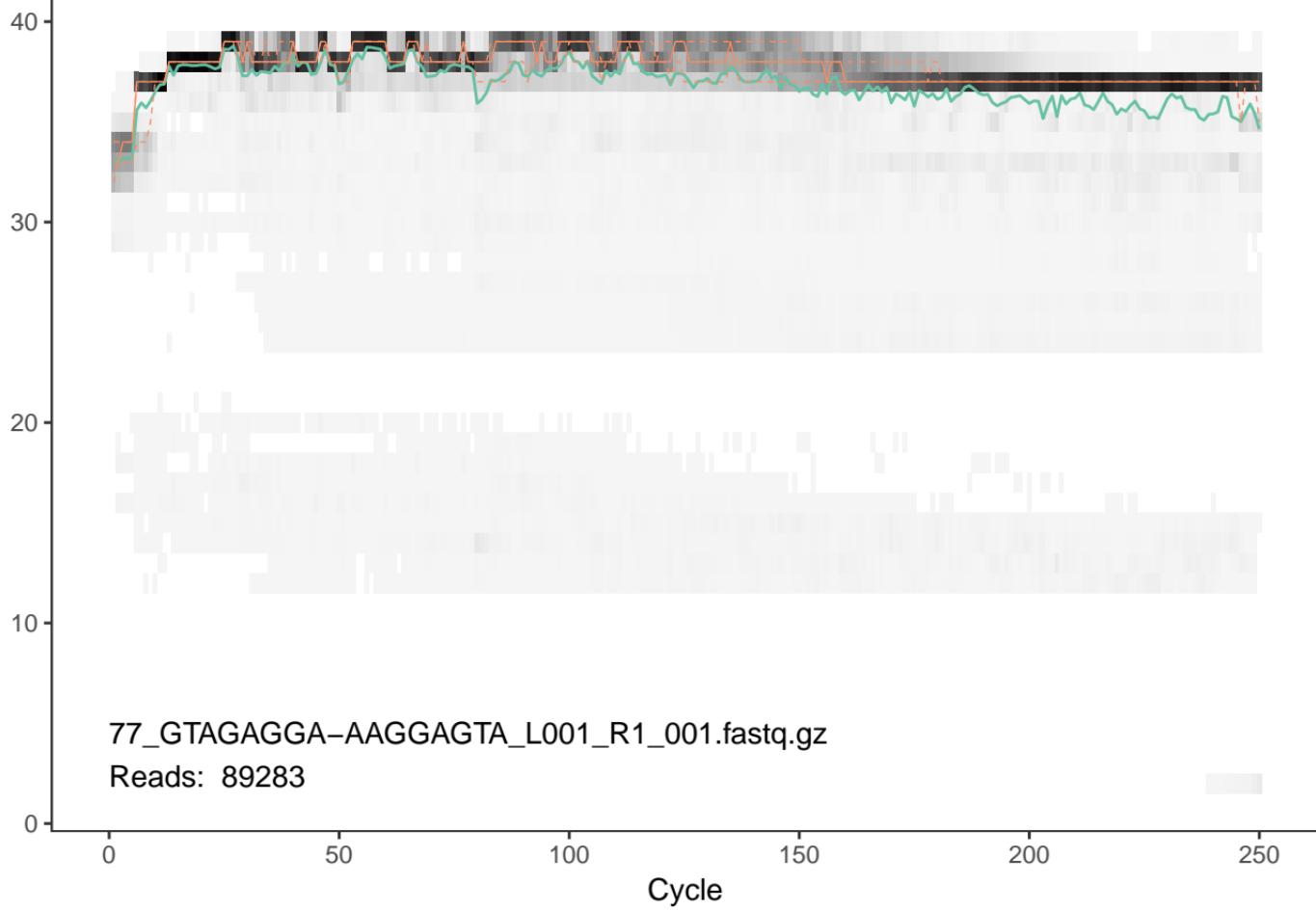
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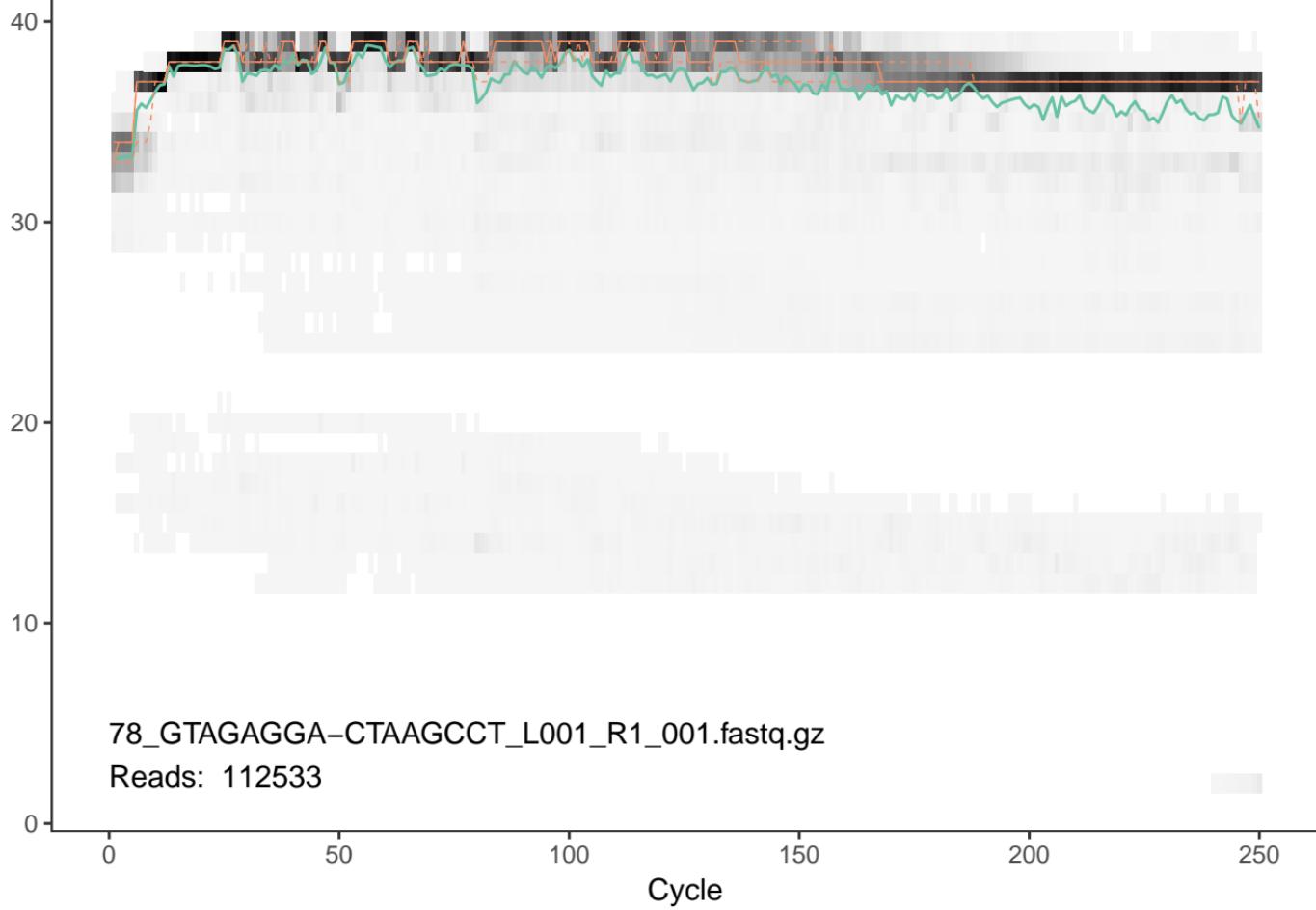
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Quality Score



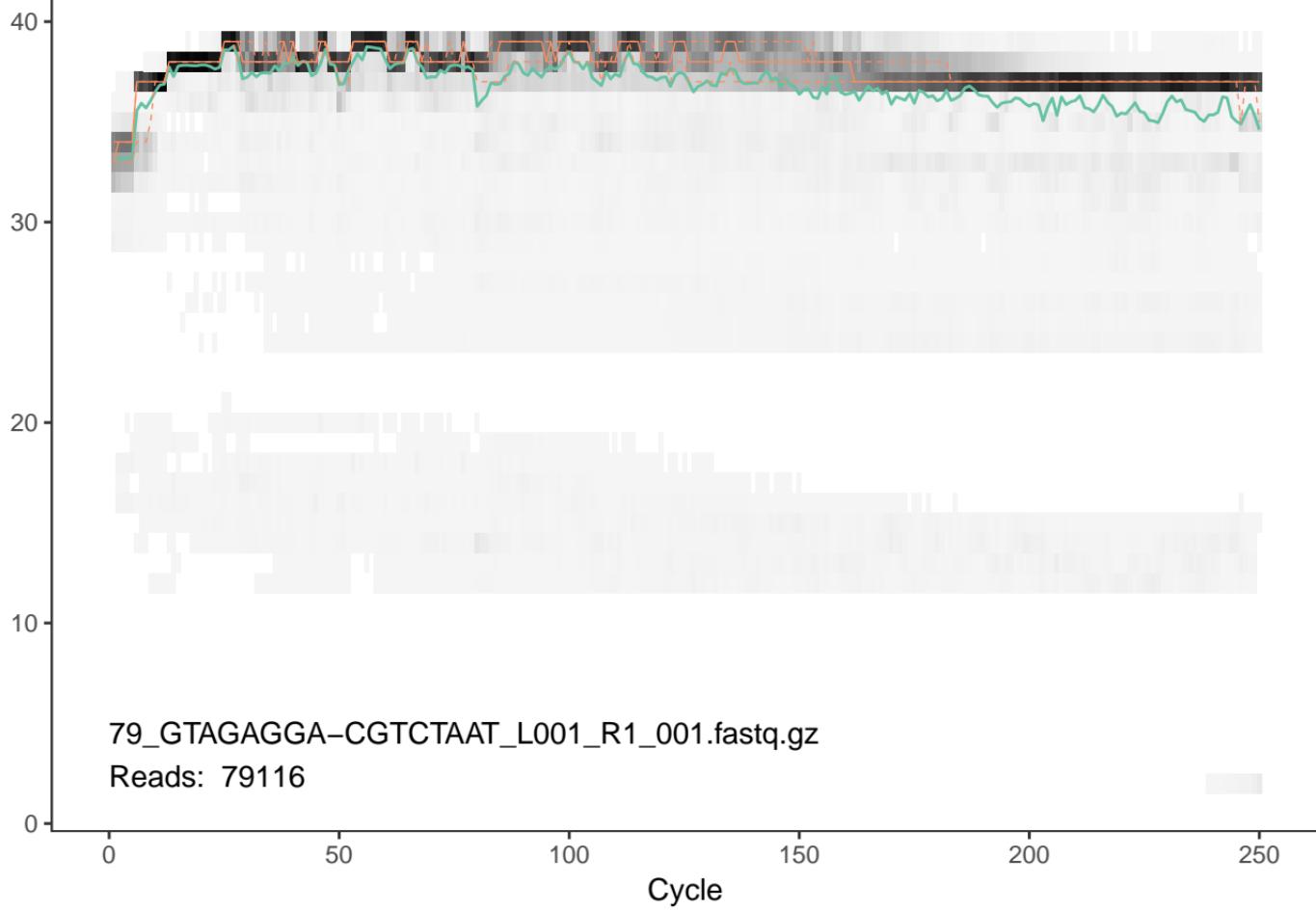
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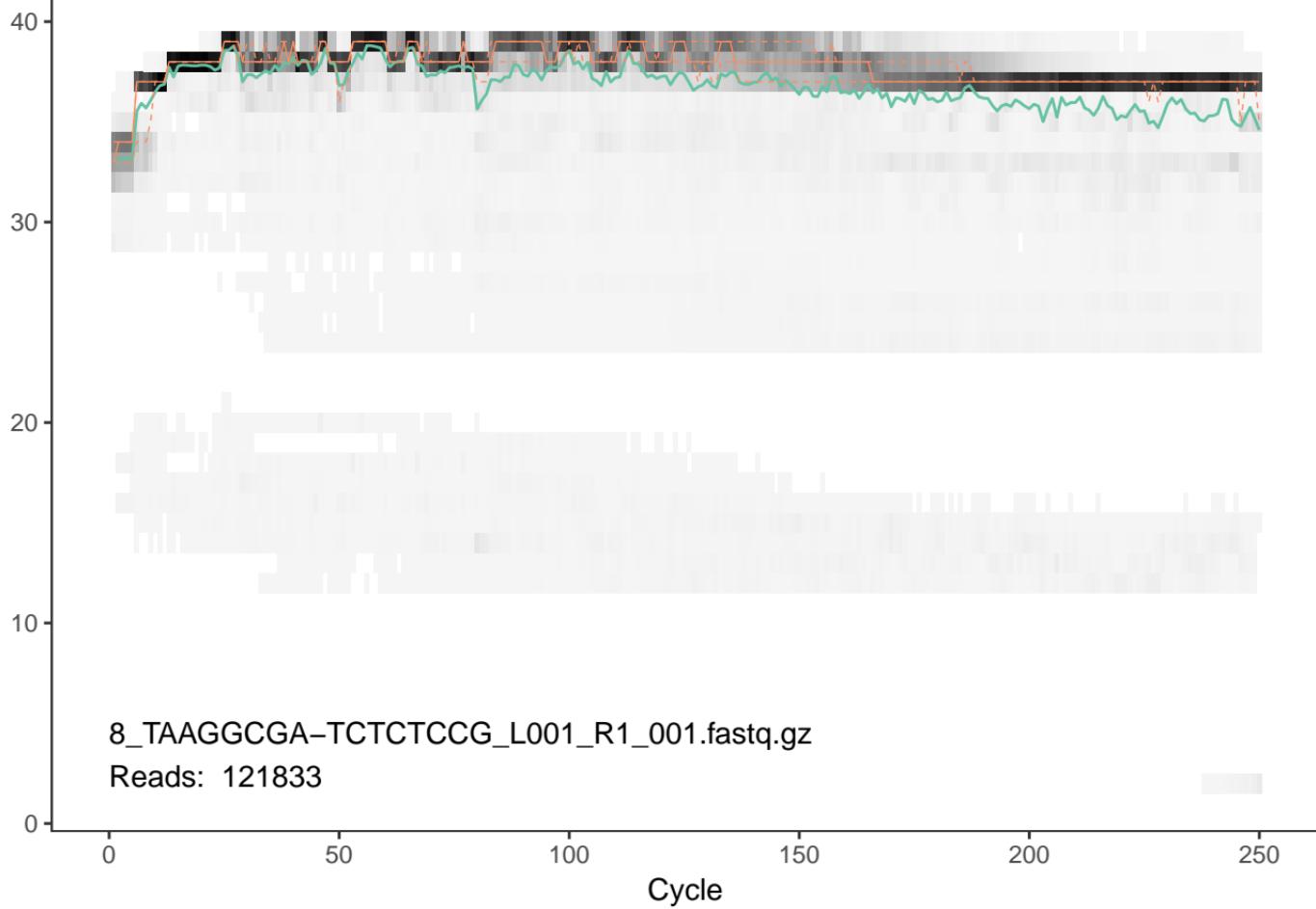
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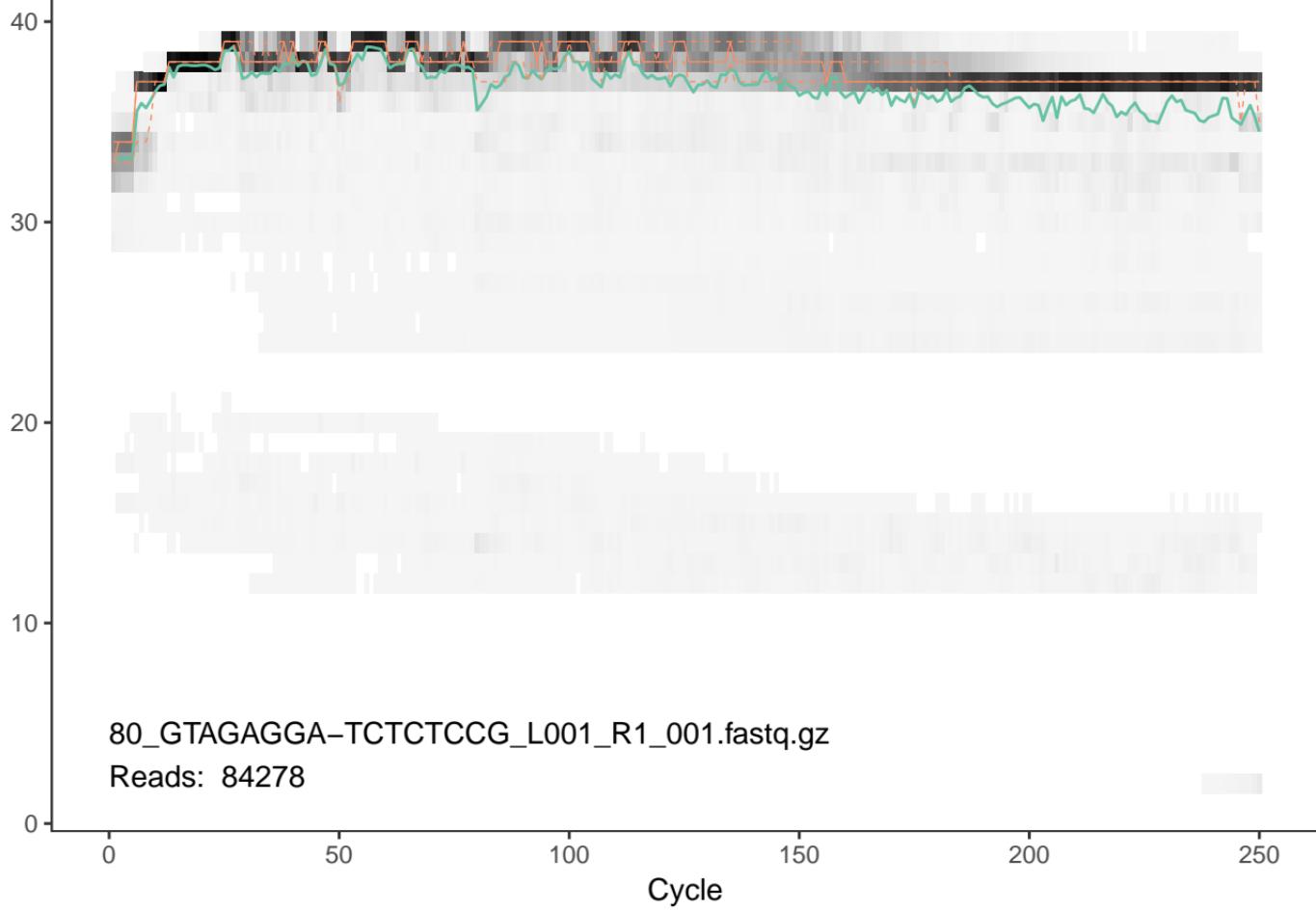
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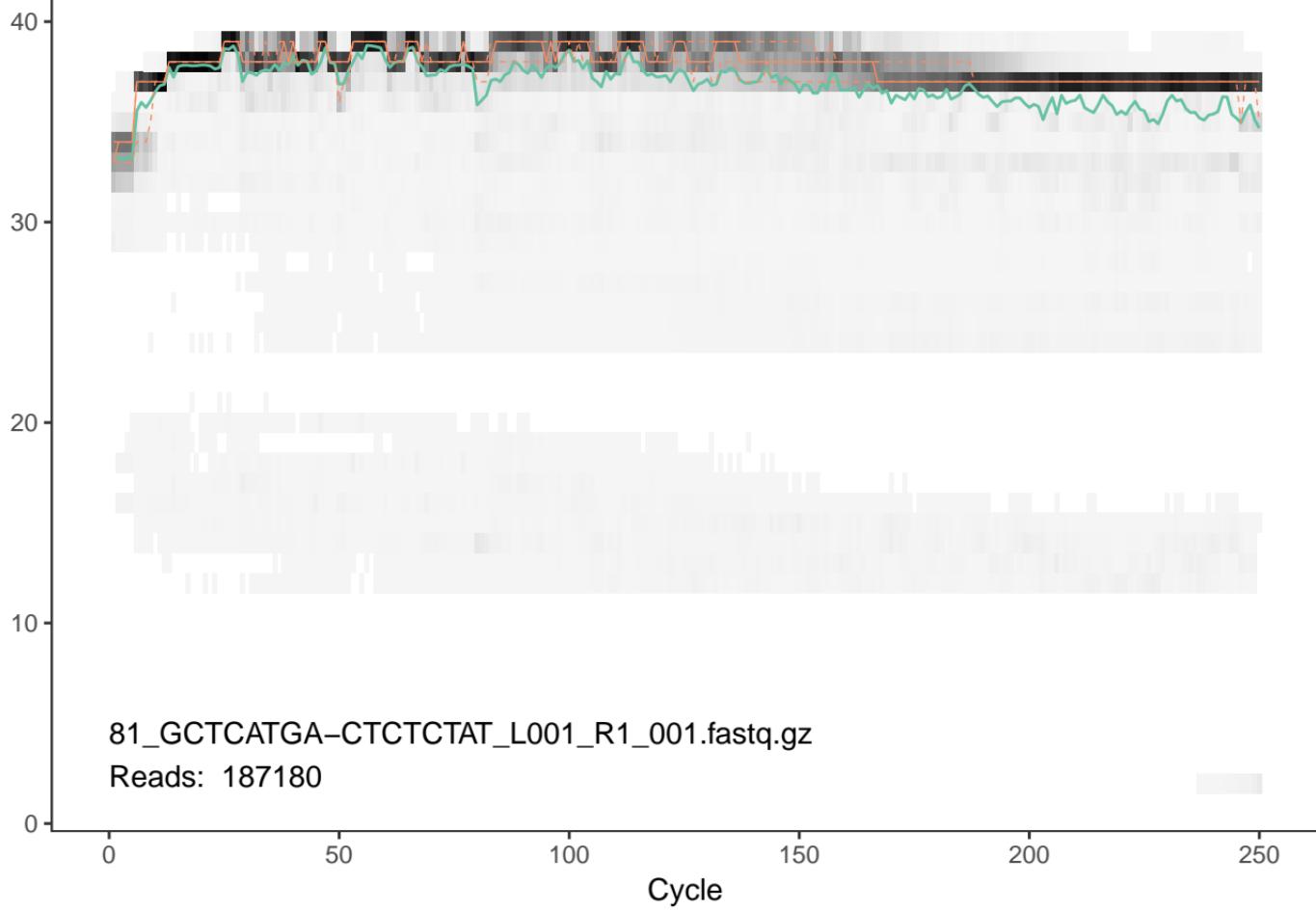
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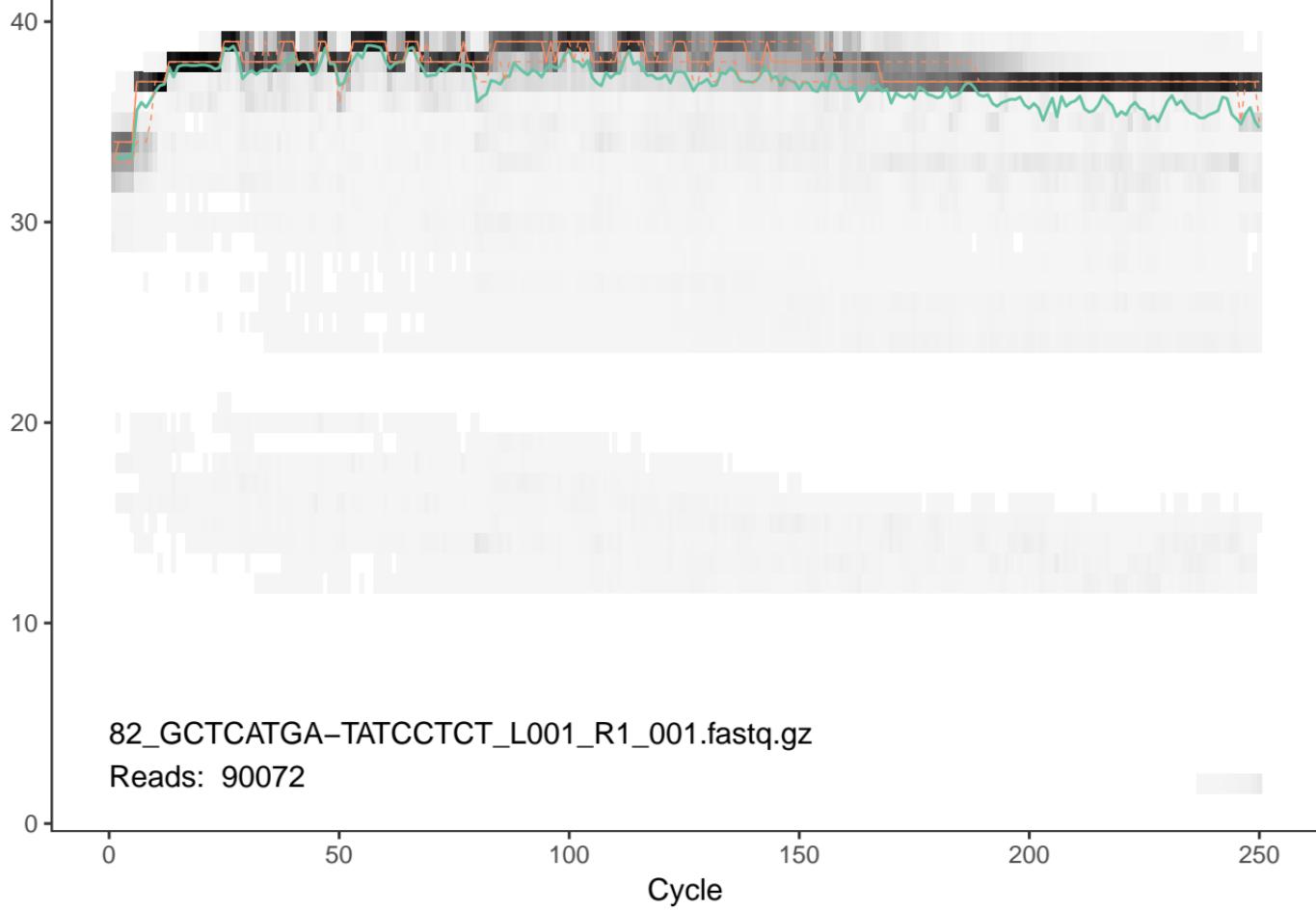
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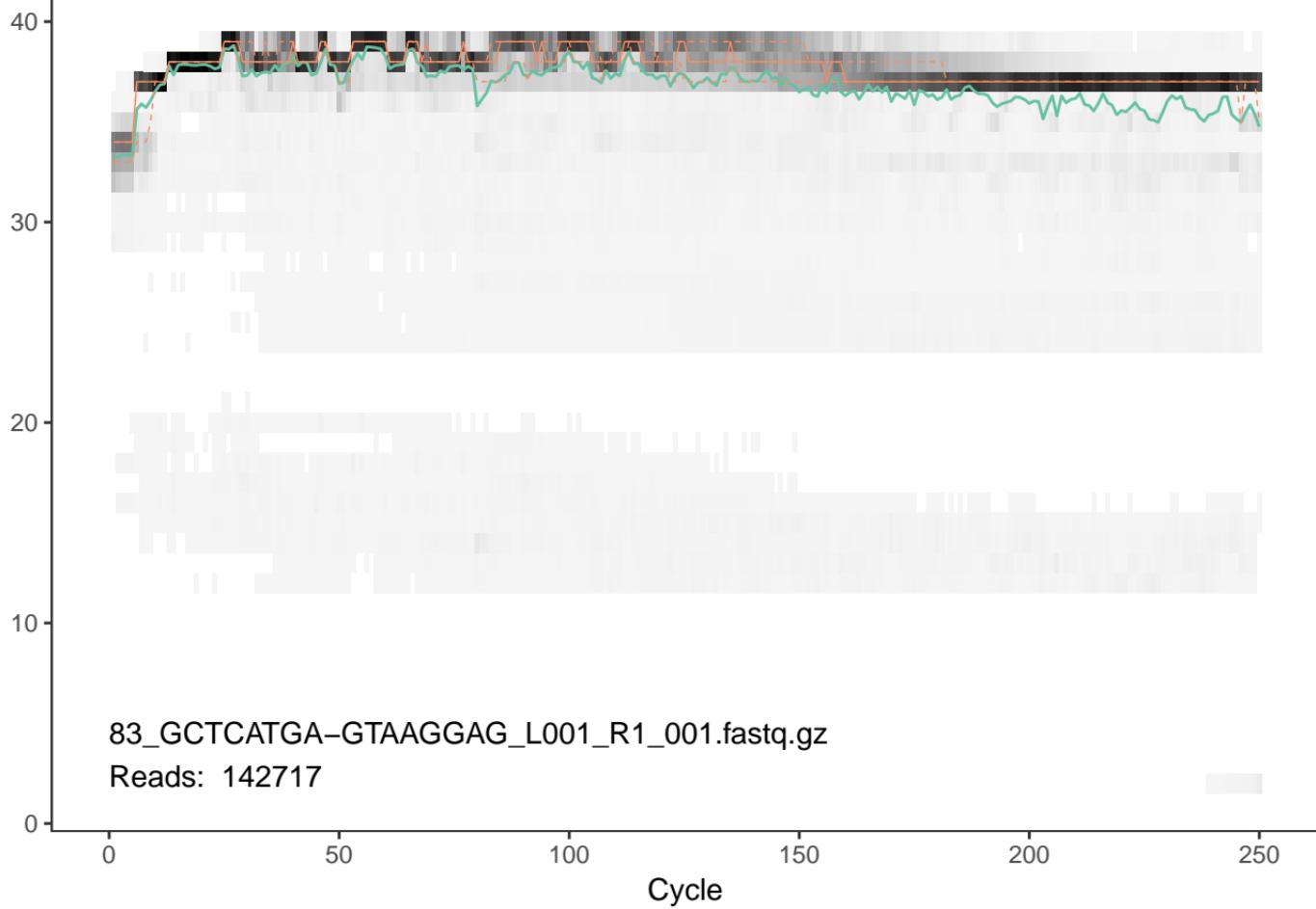
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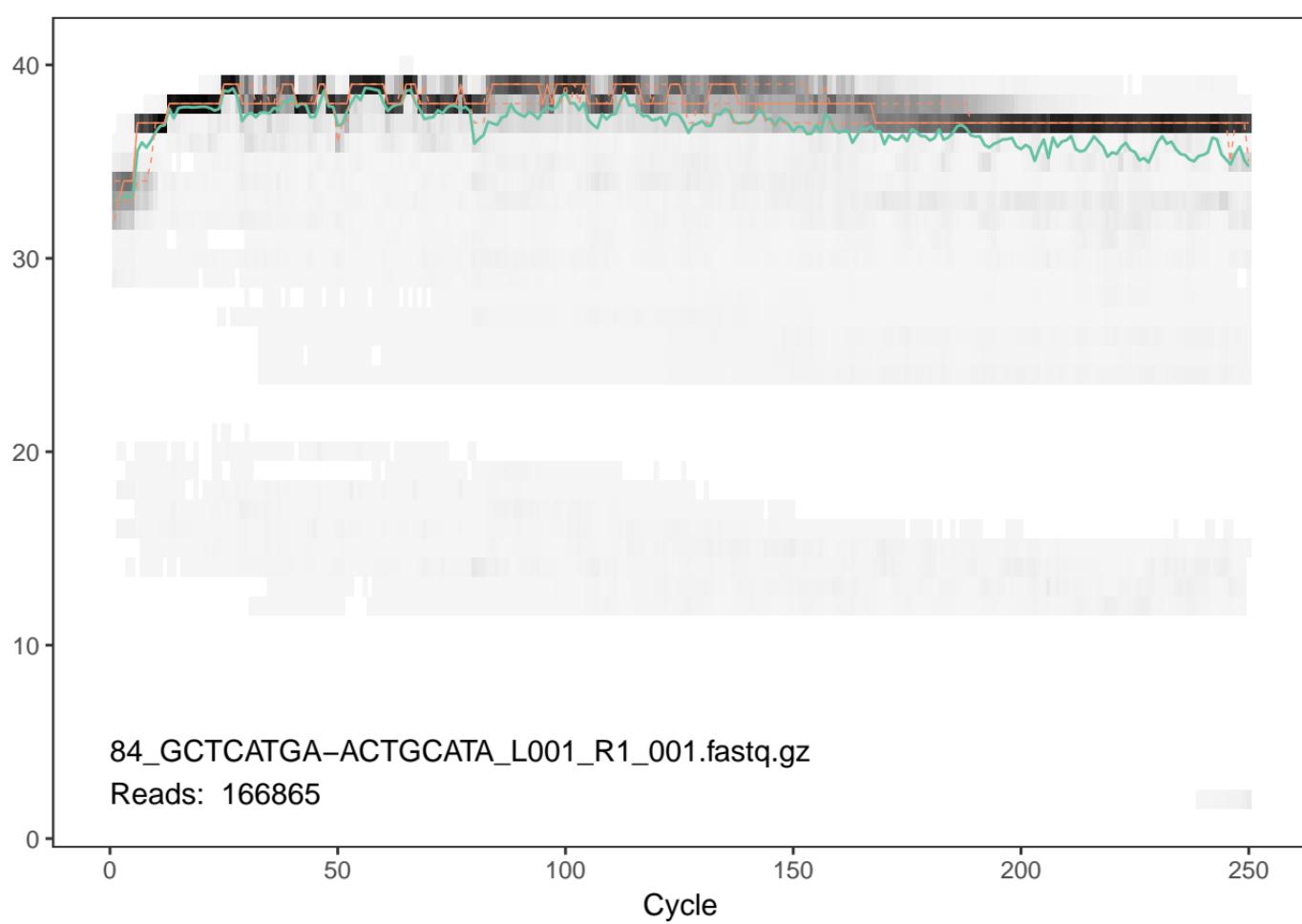
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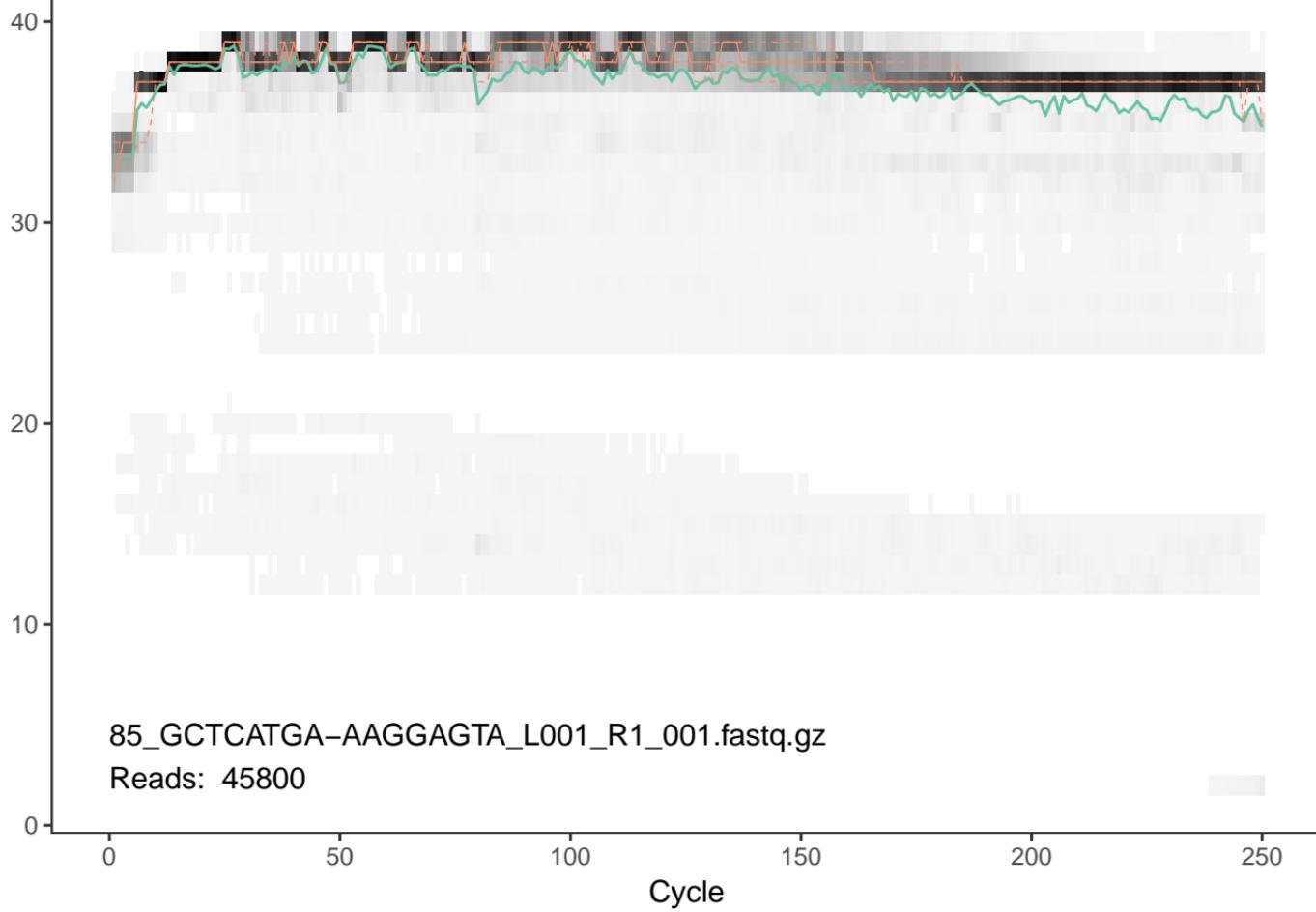
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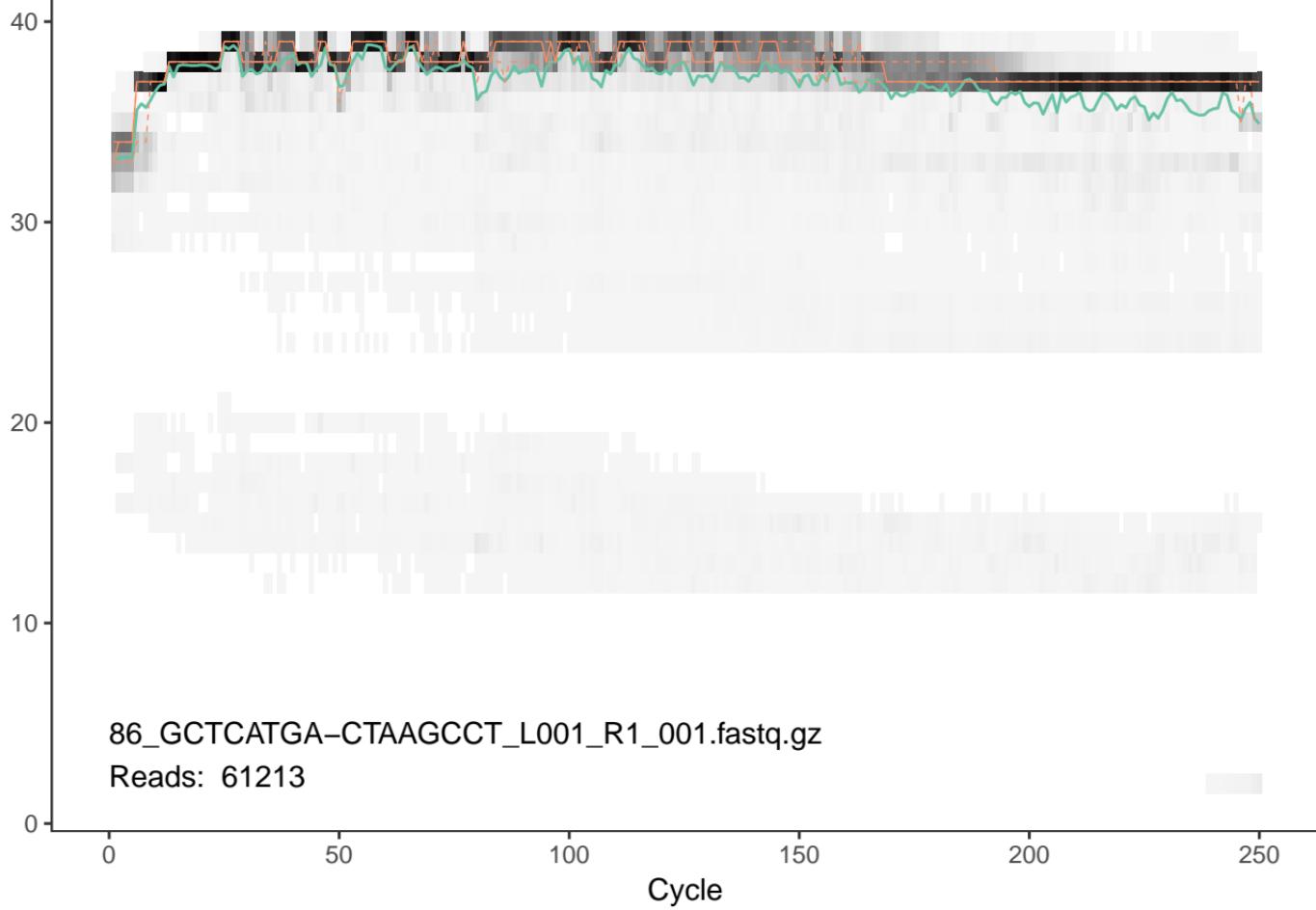
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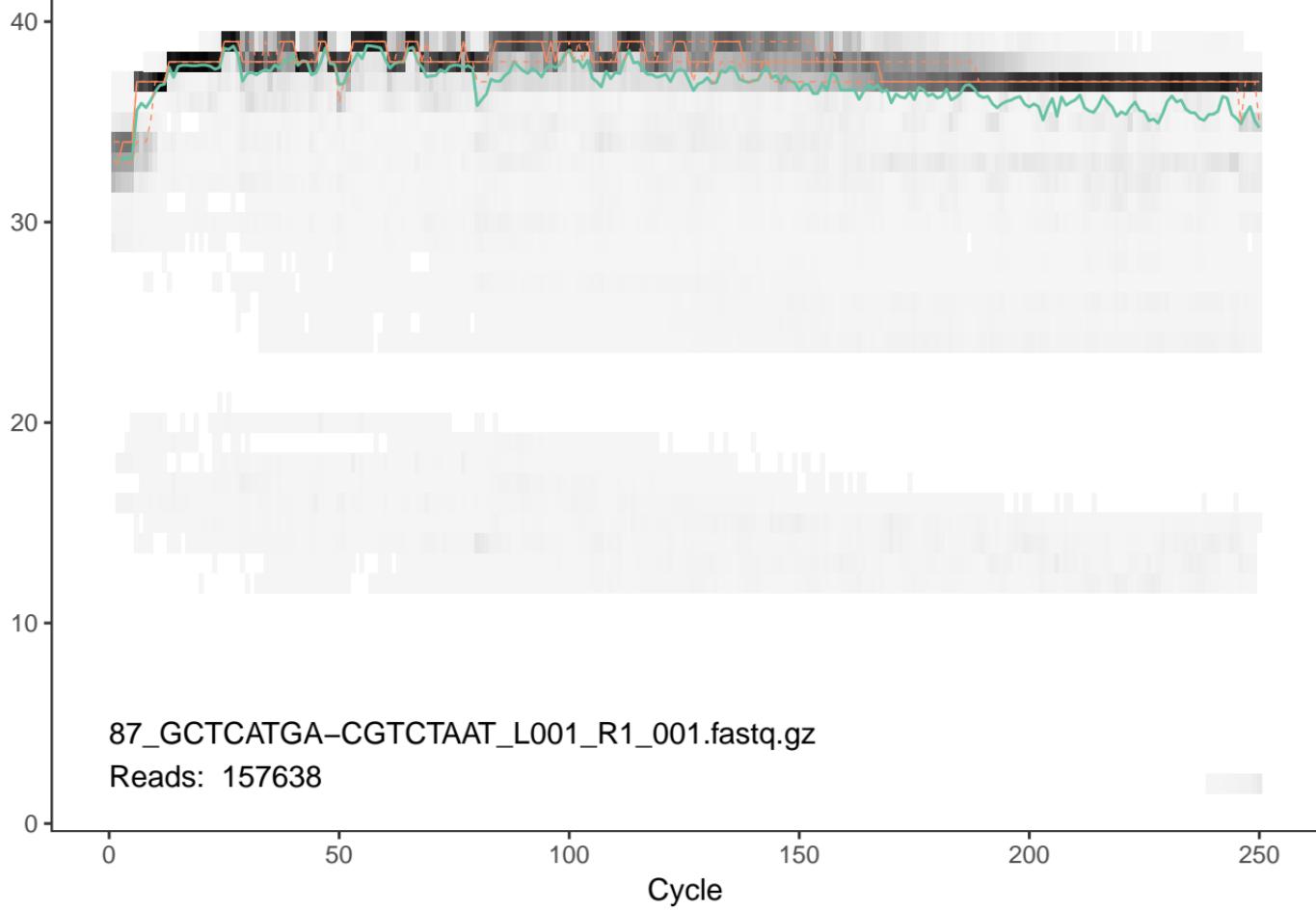
Fwd

Quality Score



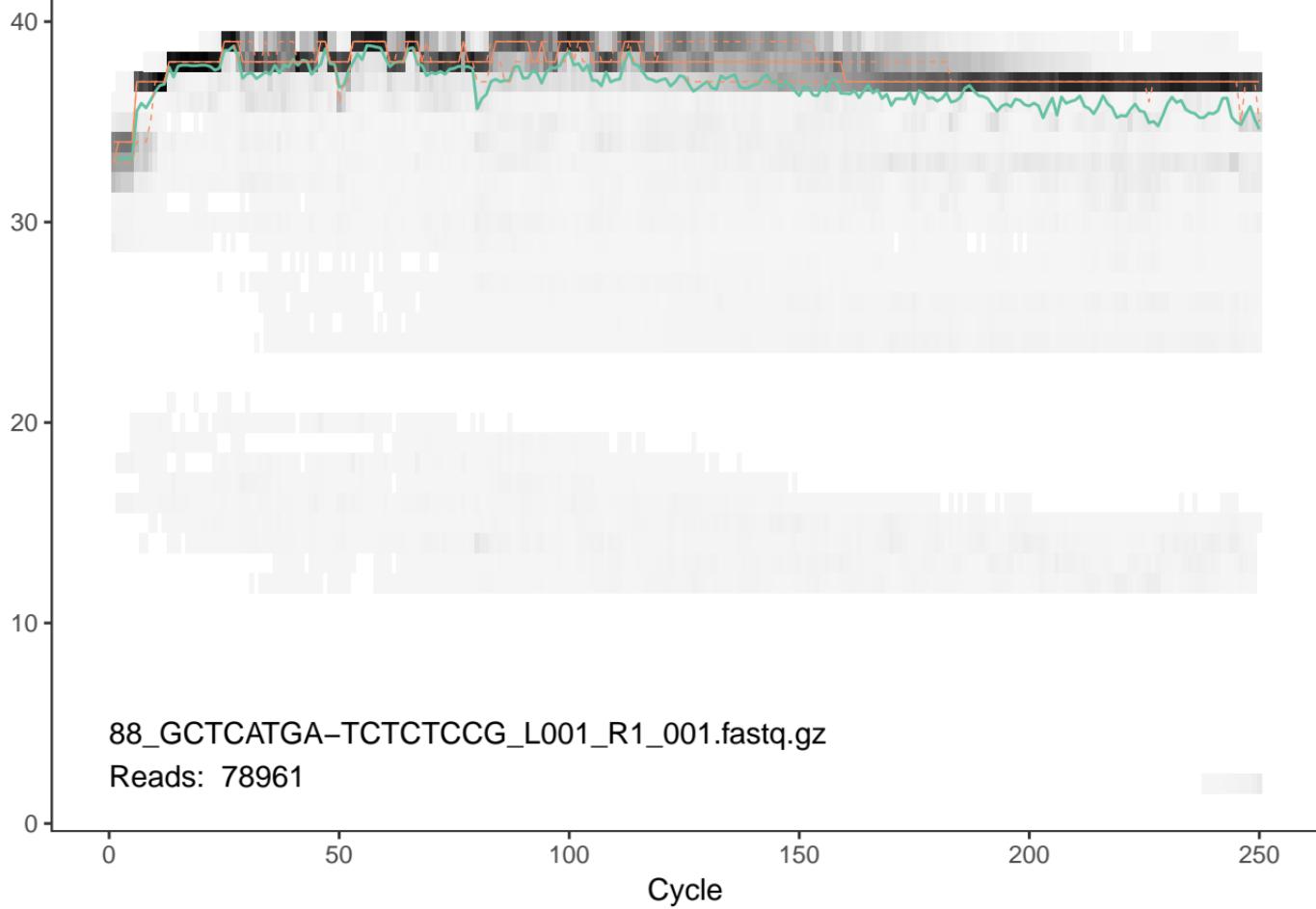
Fwd

Quality Score



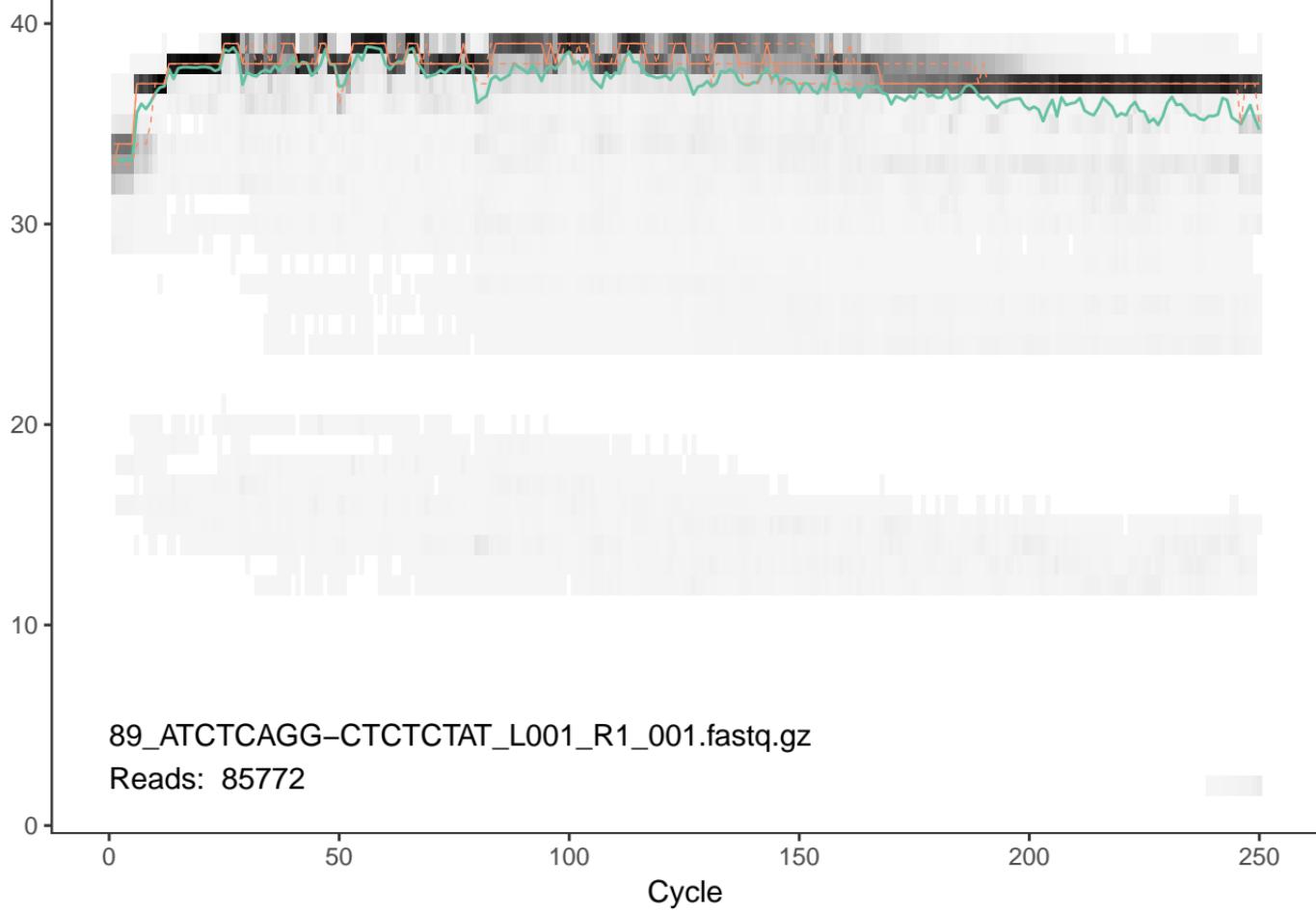
Fwd

Quality Score



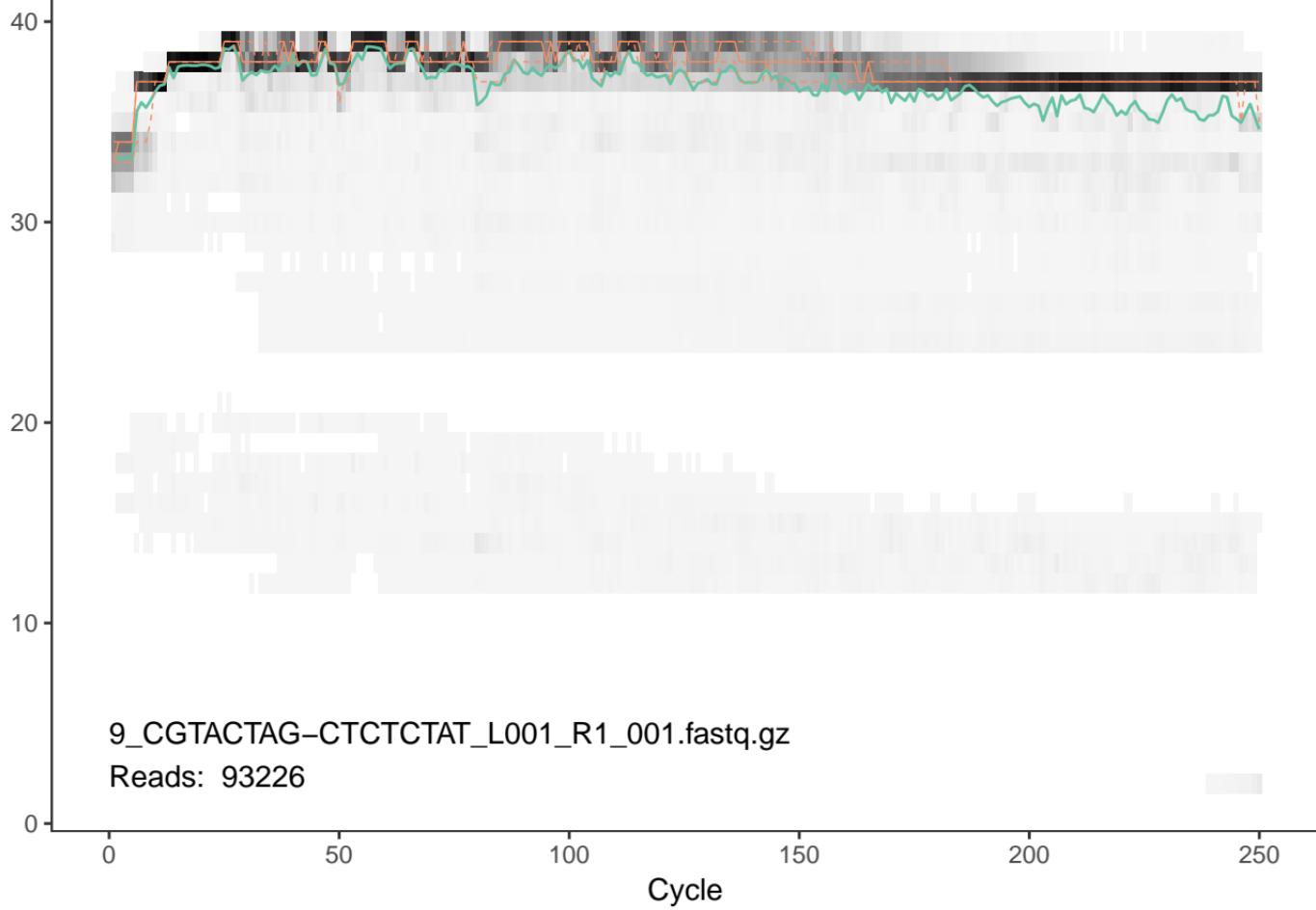
Fwd

Quality Score



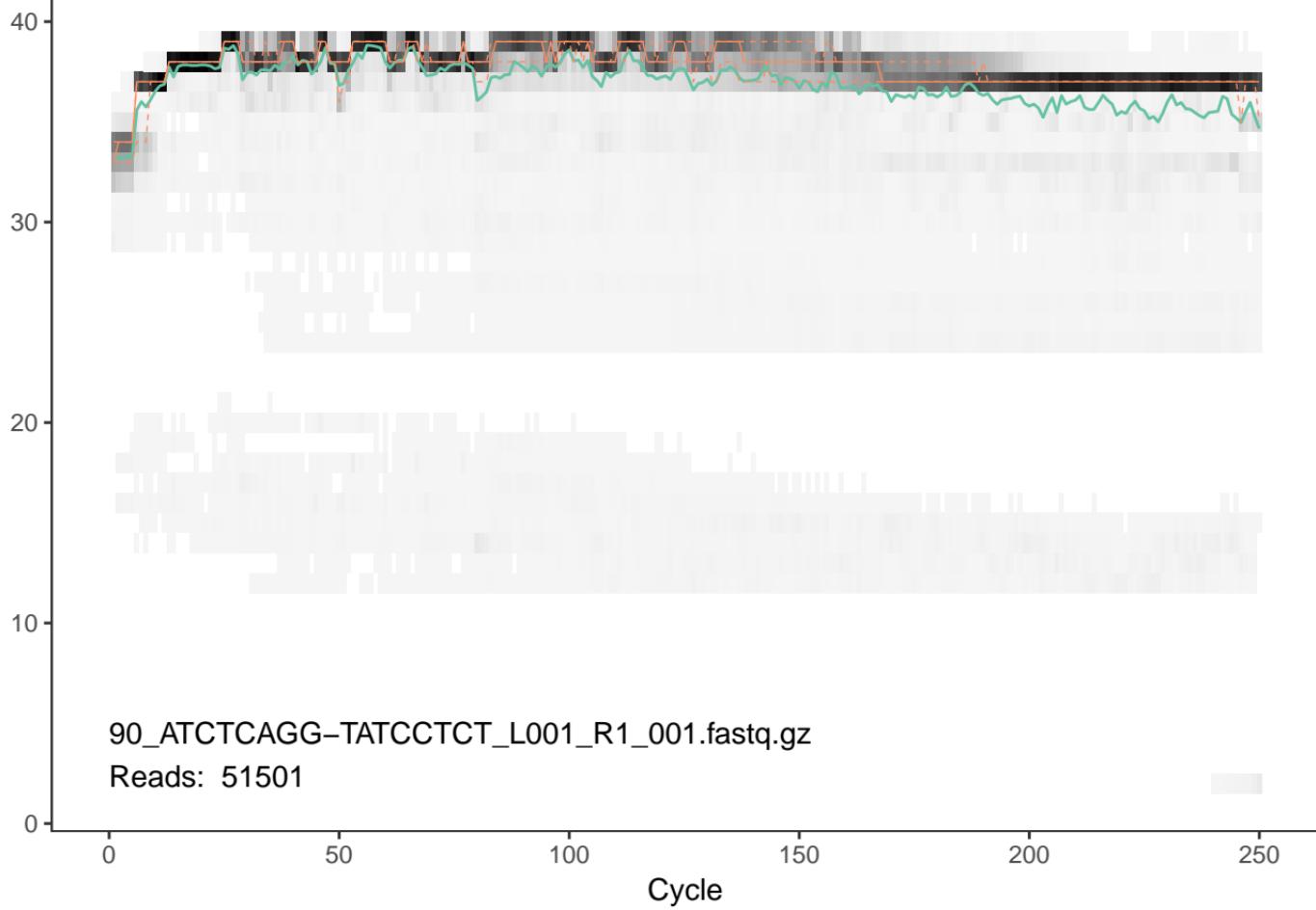
Fwd

Quality Score



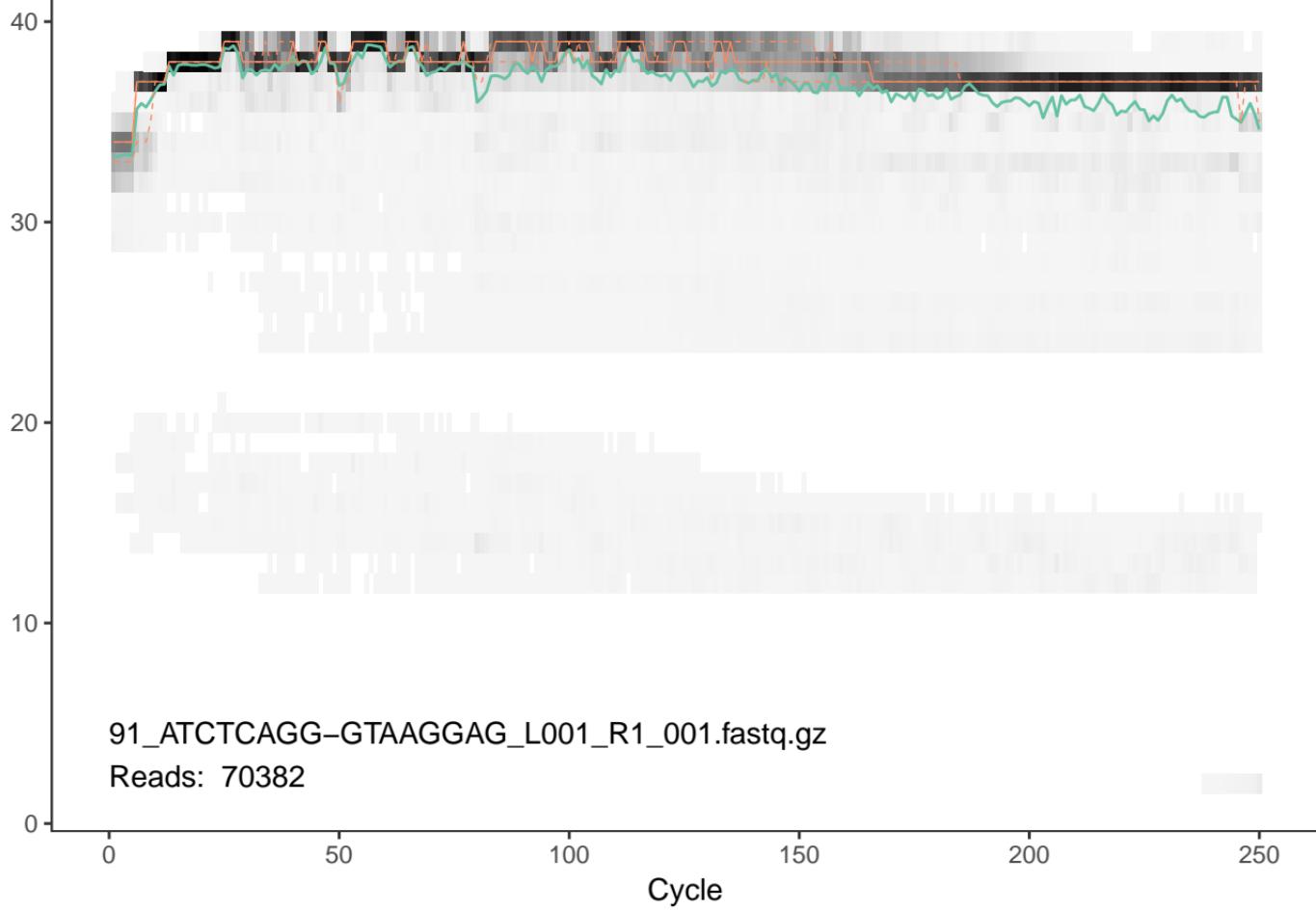
Fwd

Quality Score



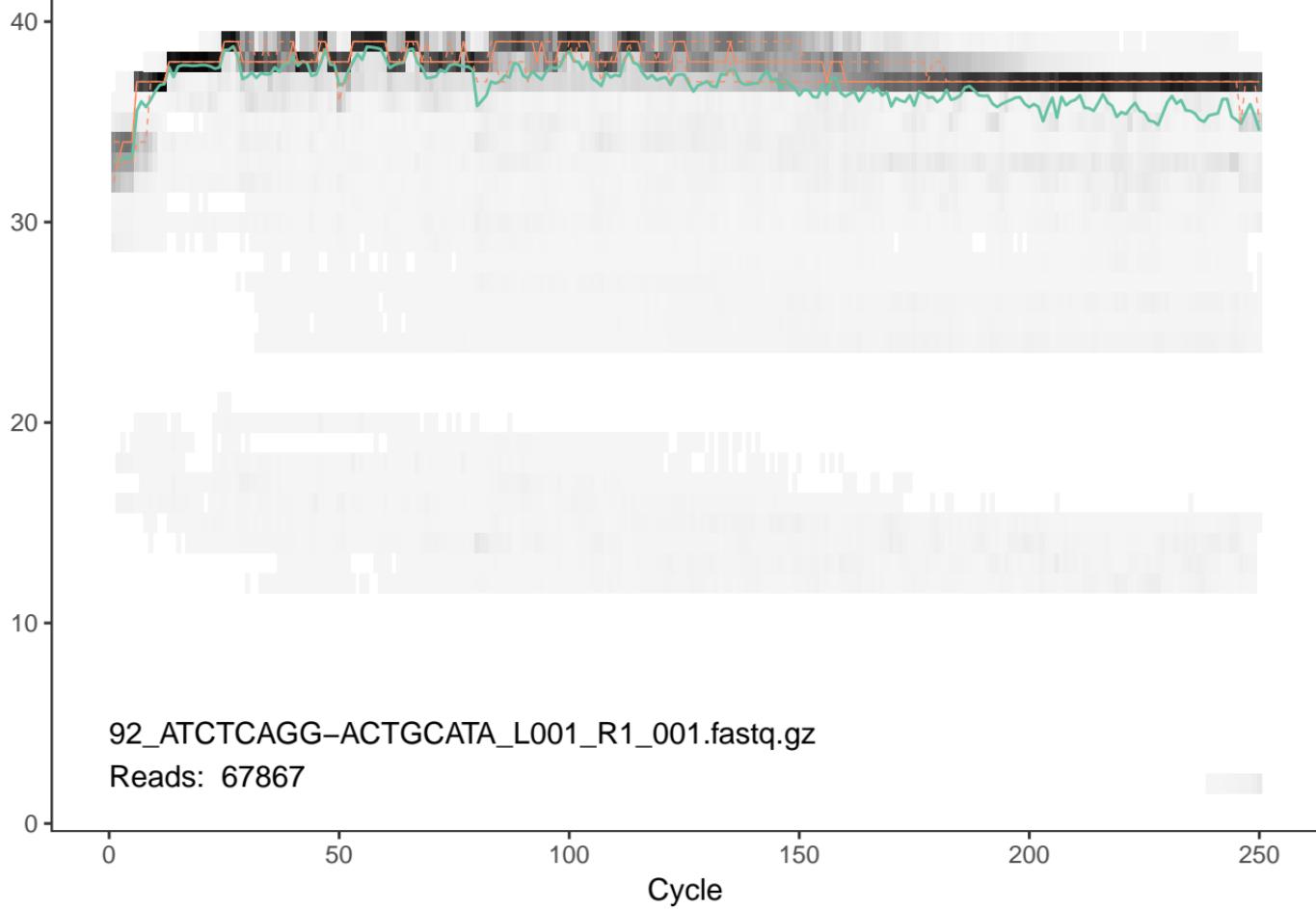
Fwd

Quality Score



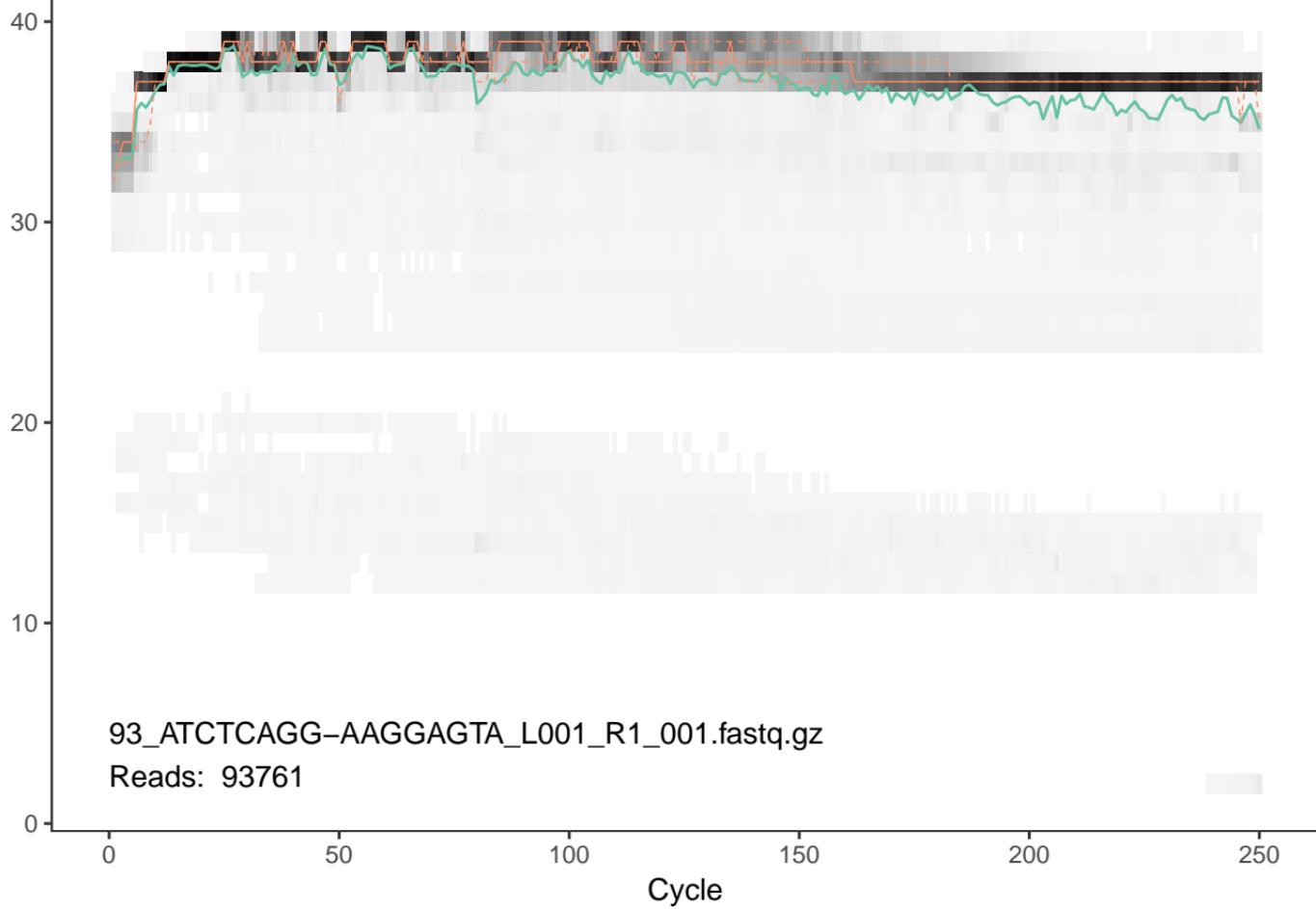
Fwd

Quality Score



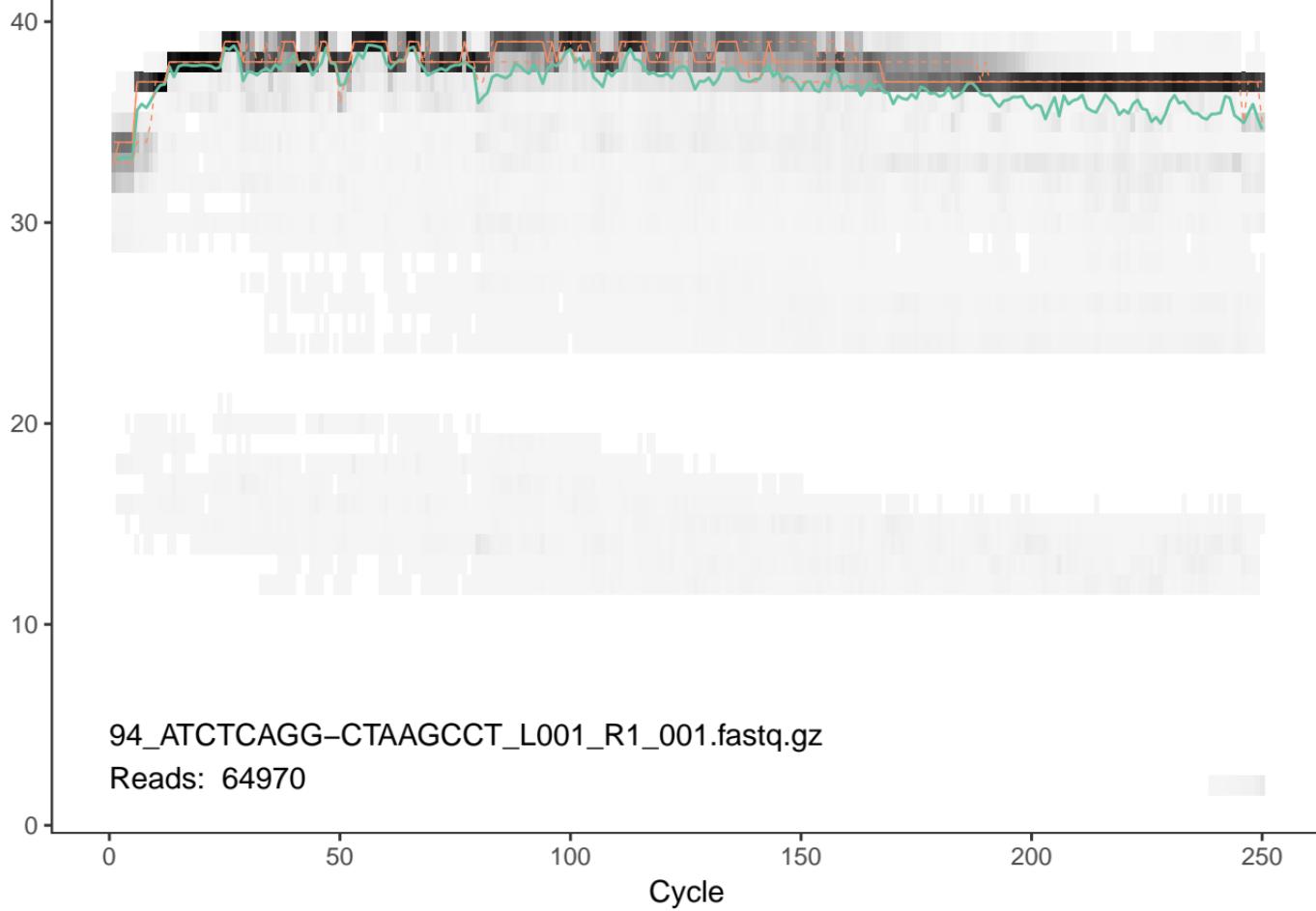
Fwd

Quality Score



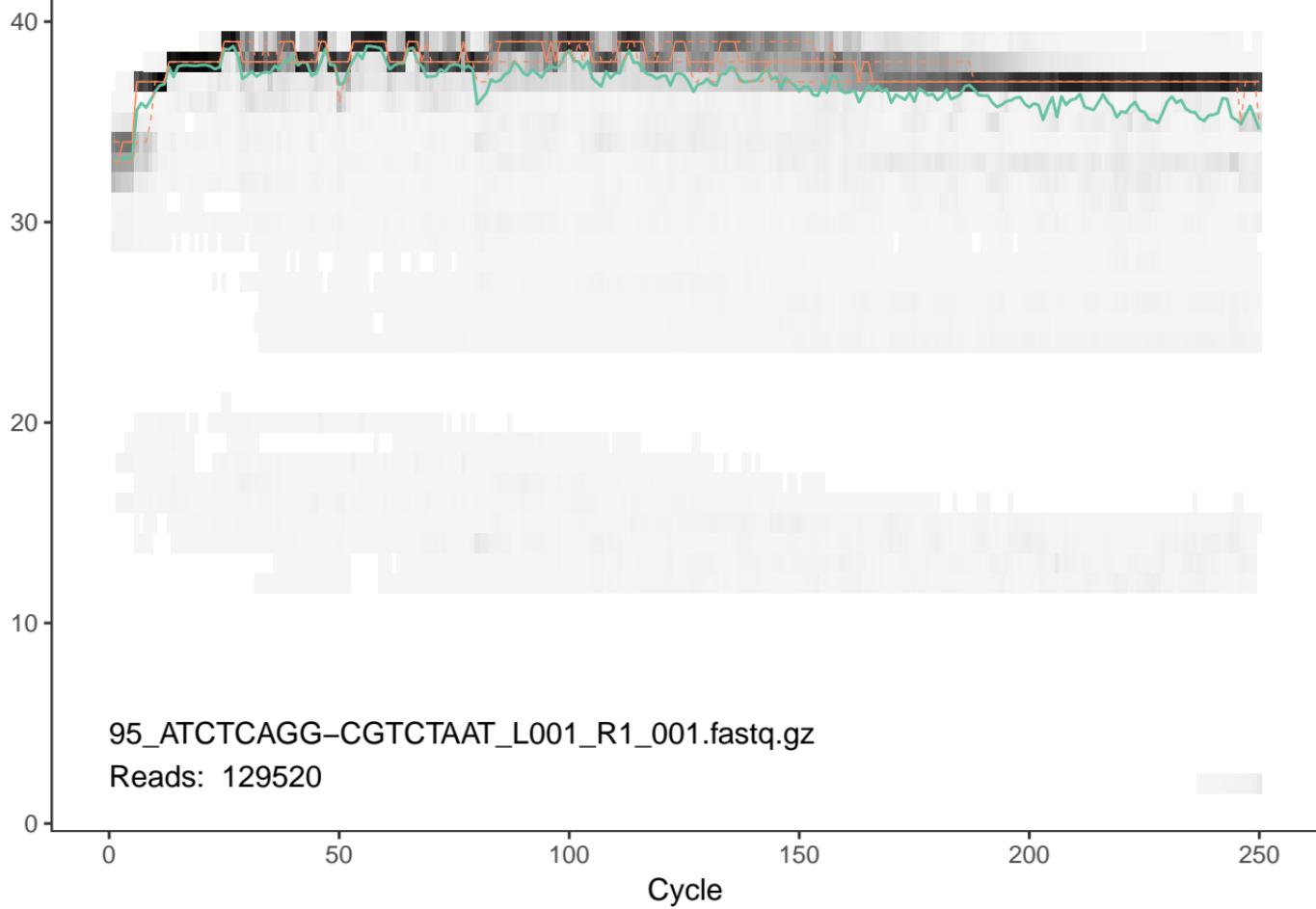
Fwd

Quality Score



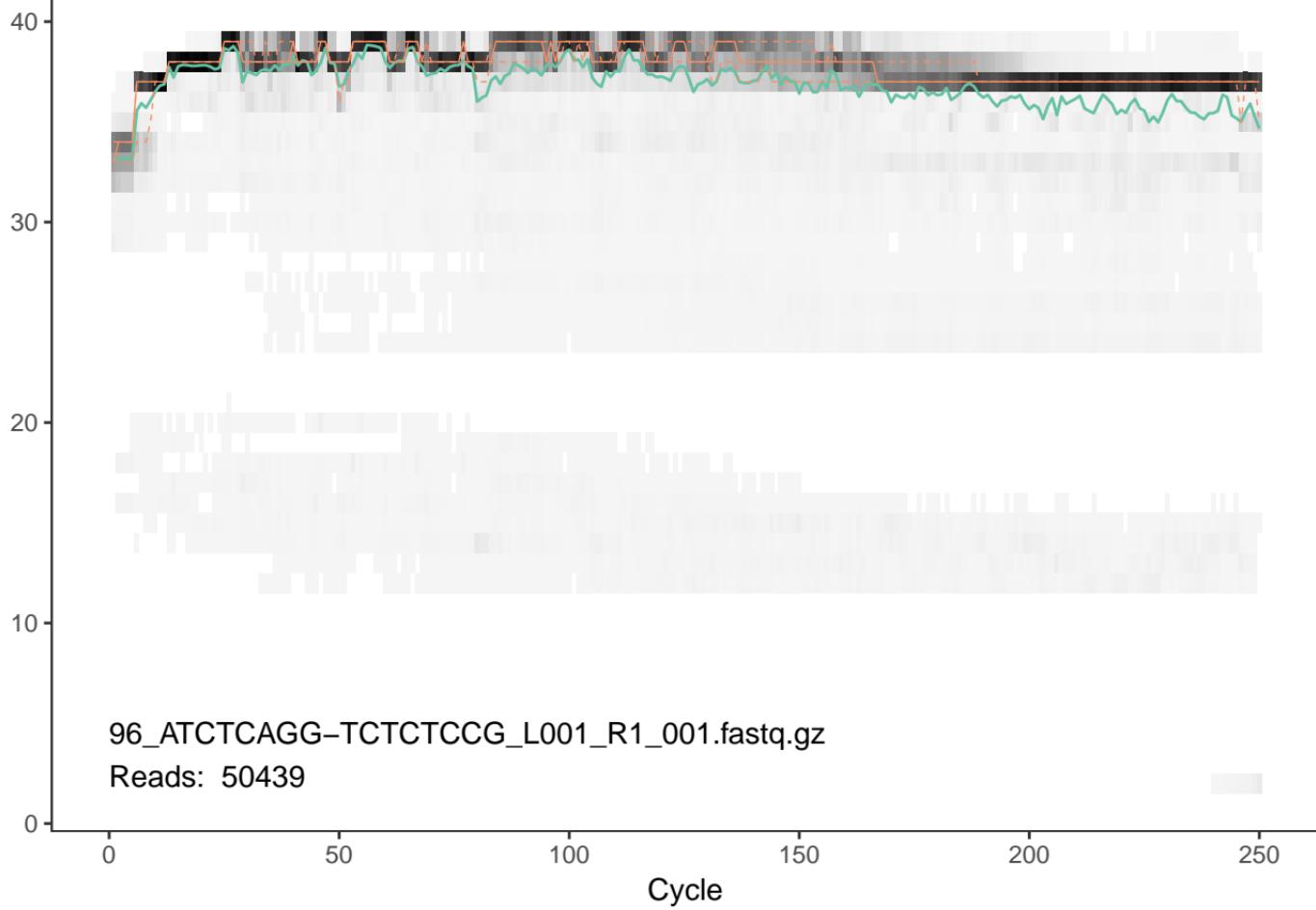
Fwd

Quality Score



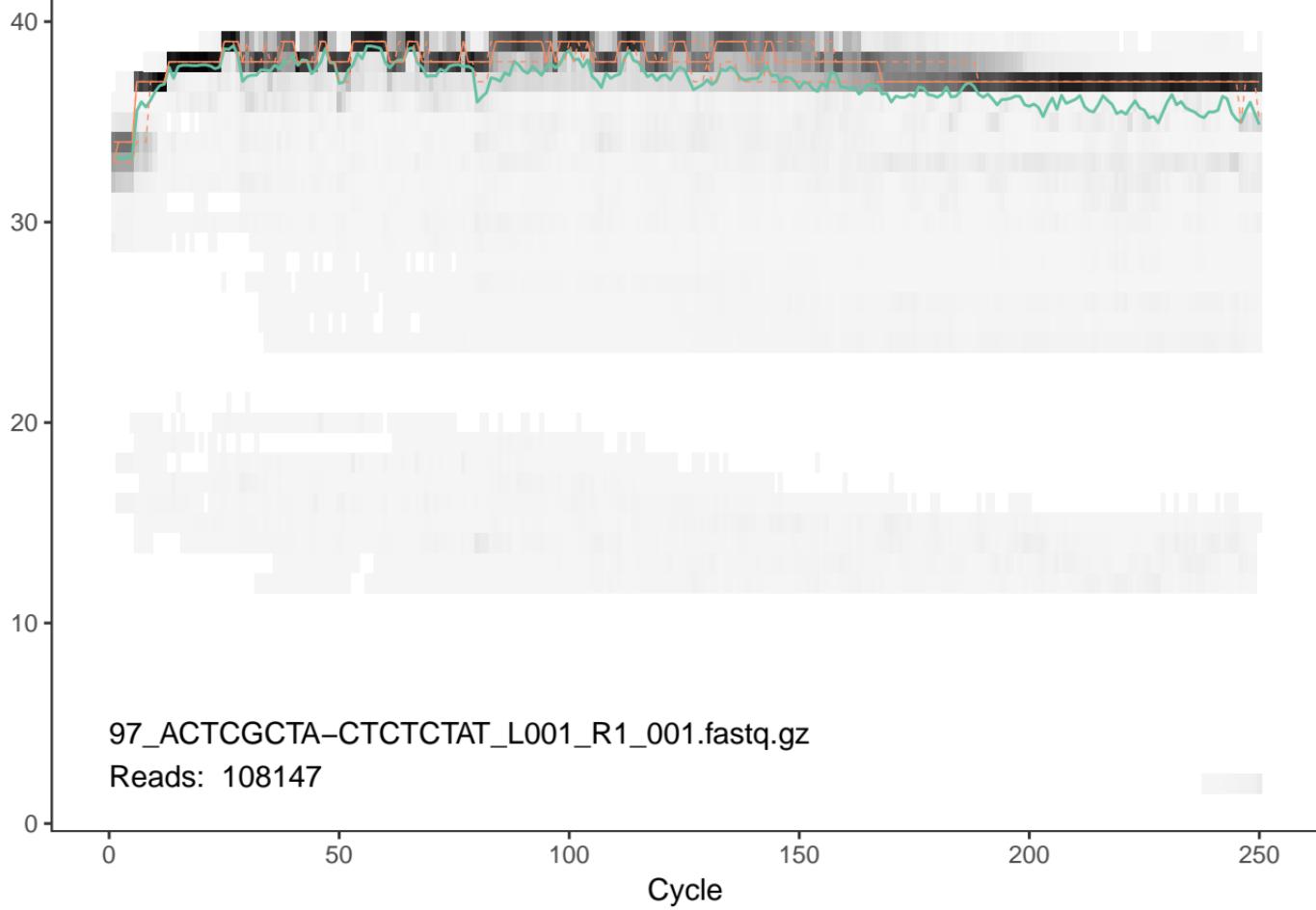
Fwd

Quality Score



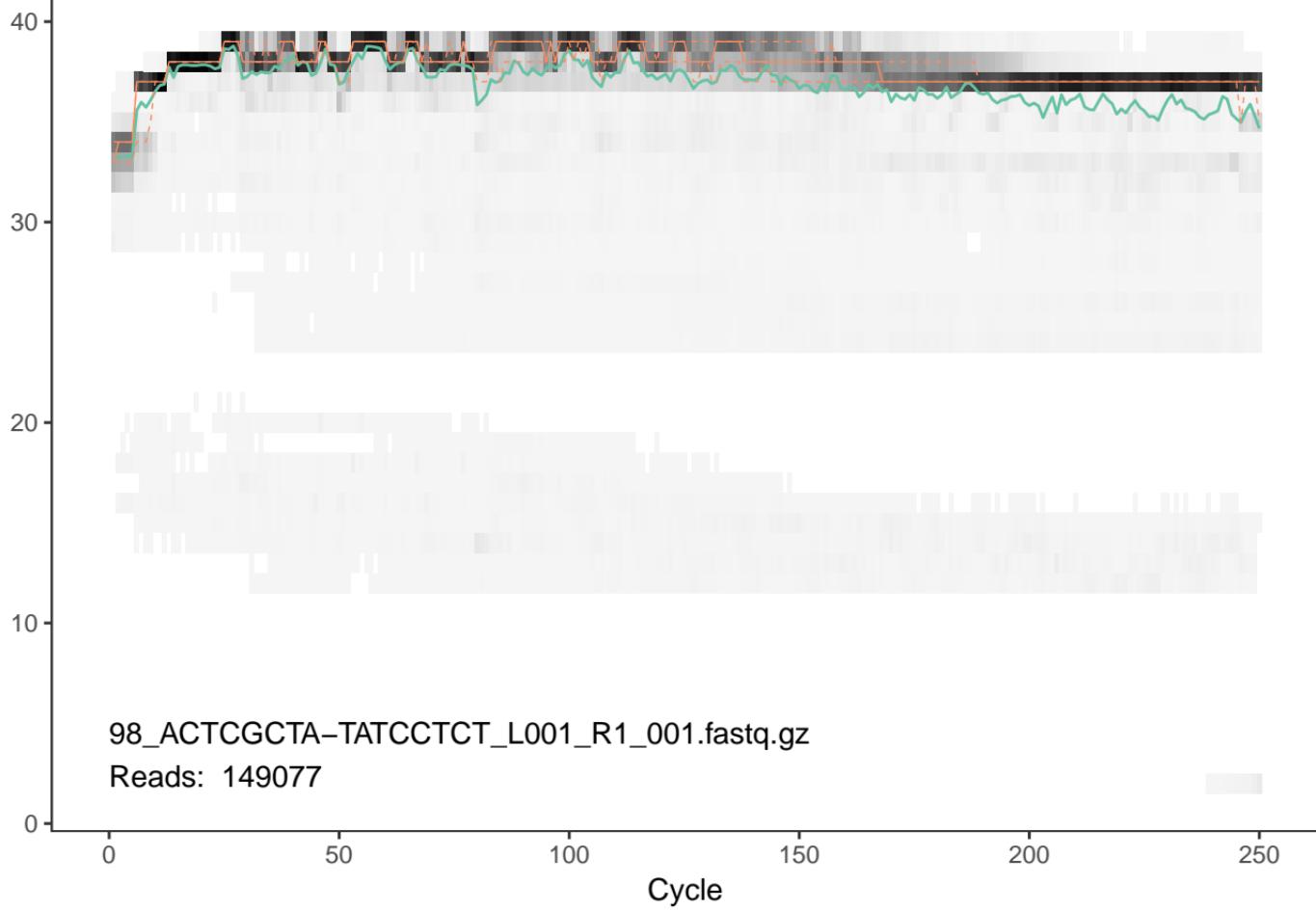
Fwd

Quality Score



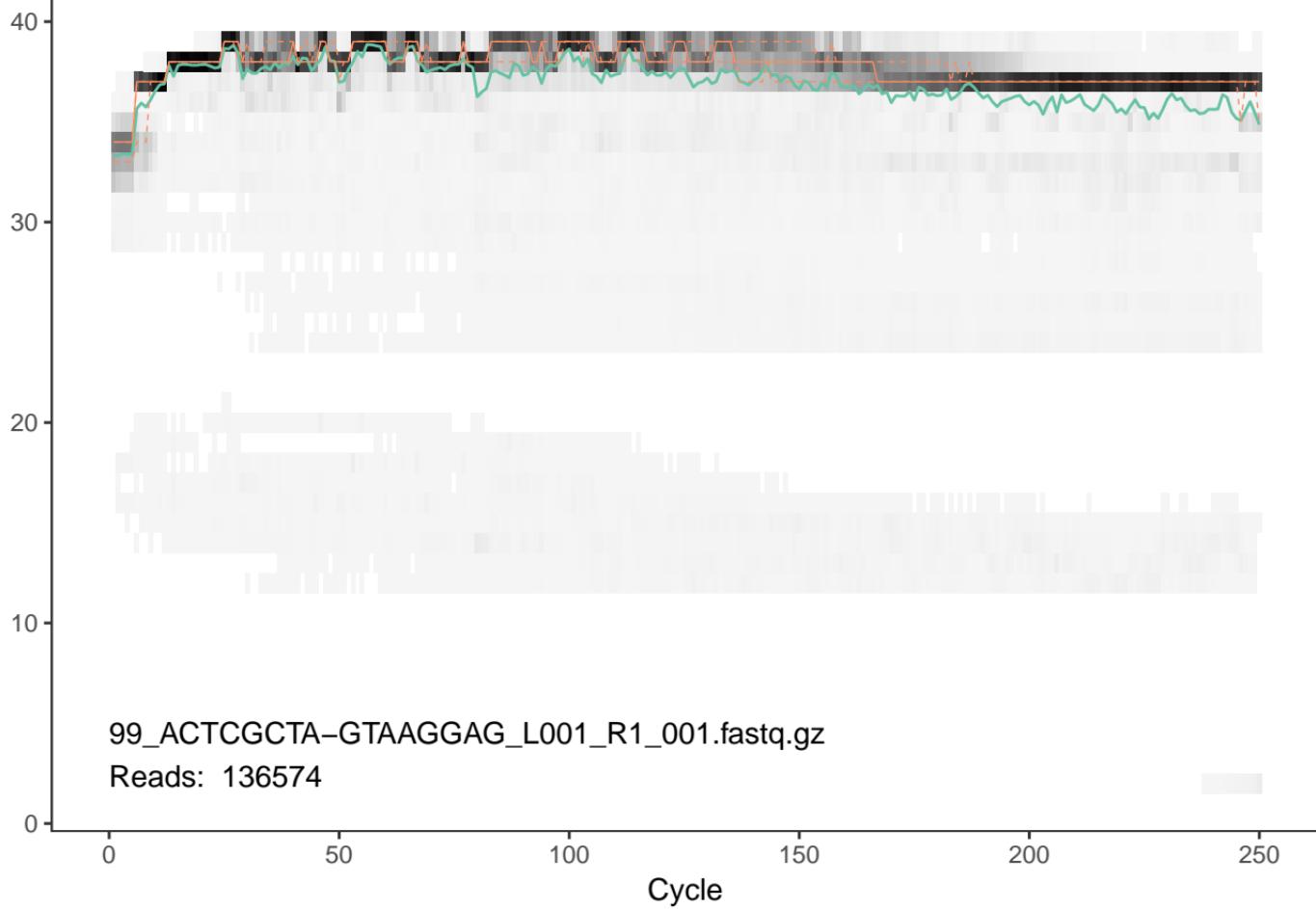
Fwd

Quality Score



Fwd

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

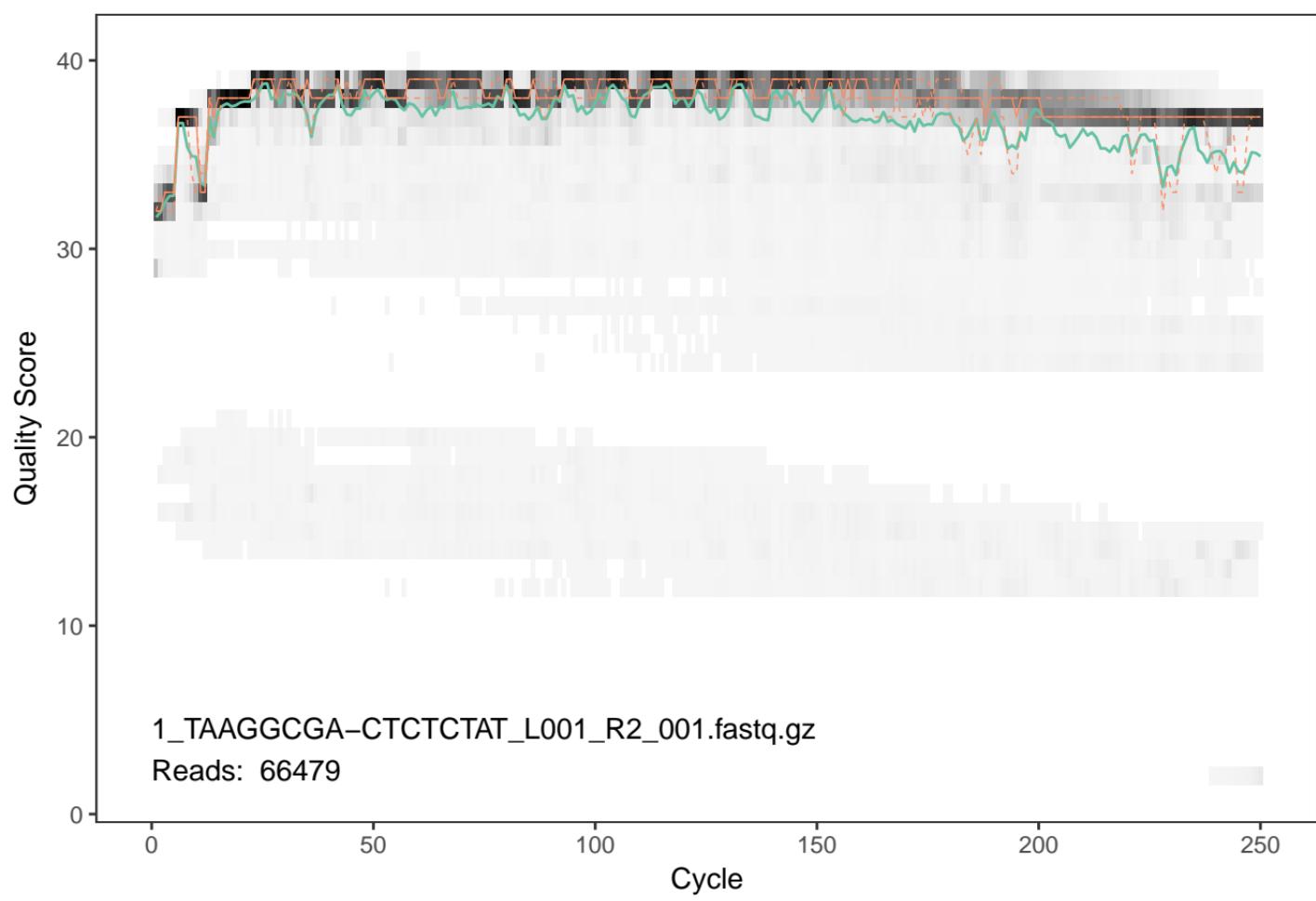
200

250

Cycle

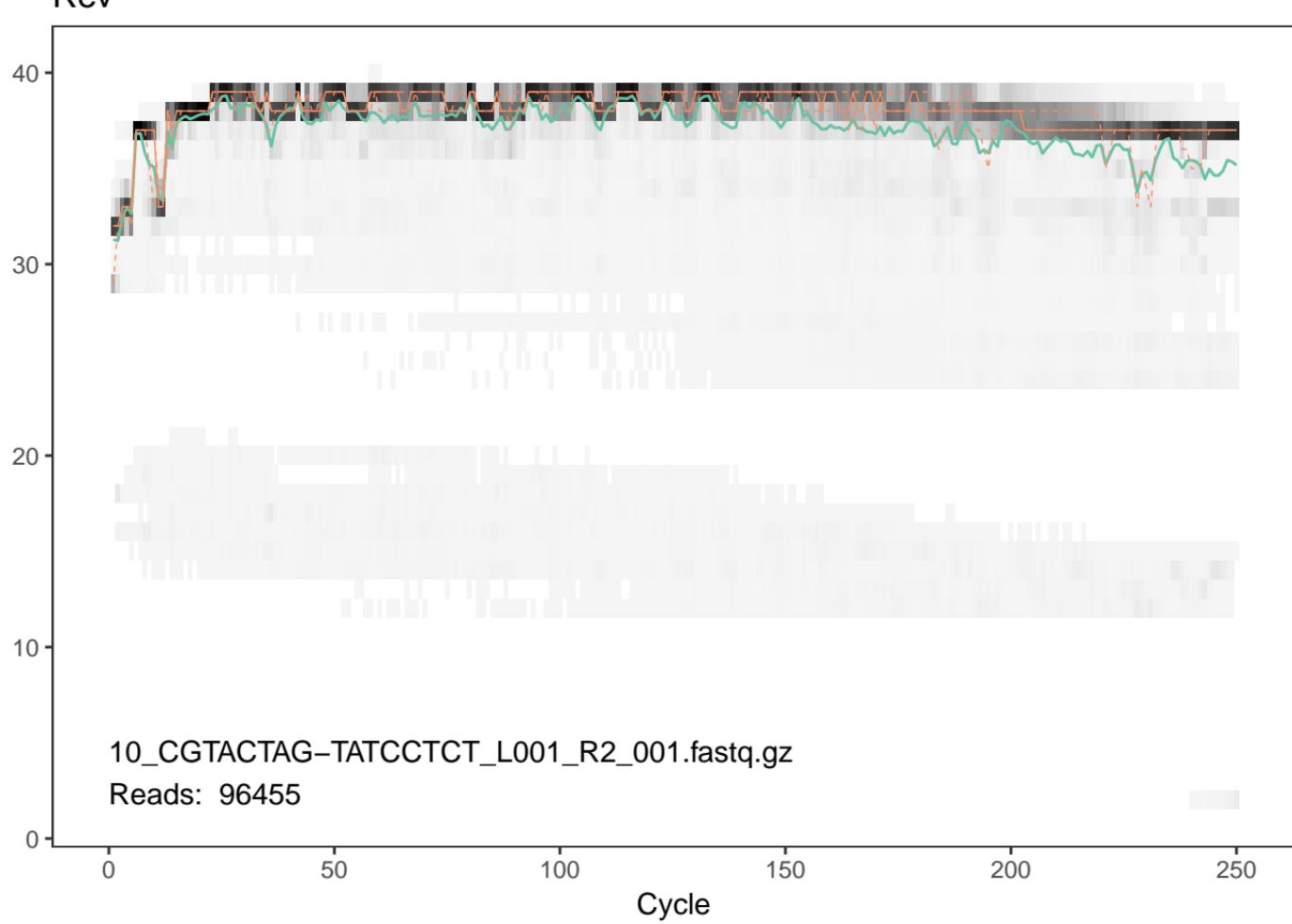
1\_TAAGGCGA-CTCTCTAT\_L001\_R2\_001.fastq.gz

Reads: 66479



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

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

Reads: 100246

0

50

100

150

200

250

Cycle



Rev

Quality Score

40

30

20

10

0

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

Reads: 98378

0

50

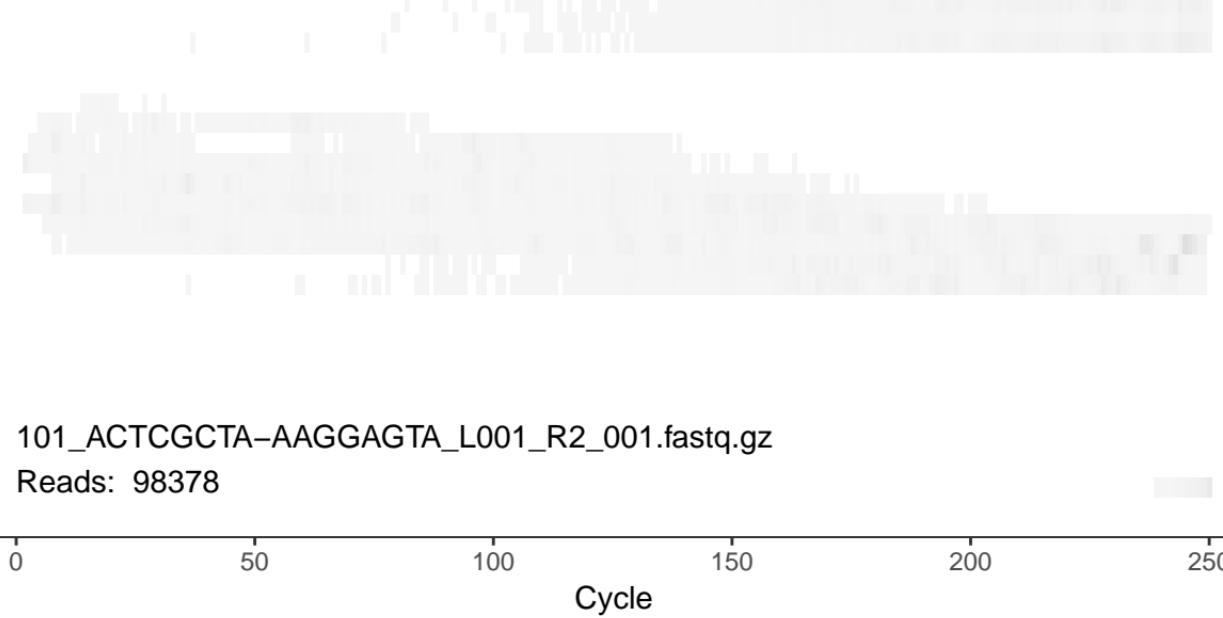
100

150

200

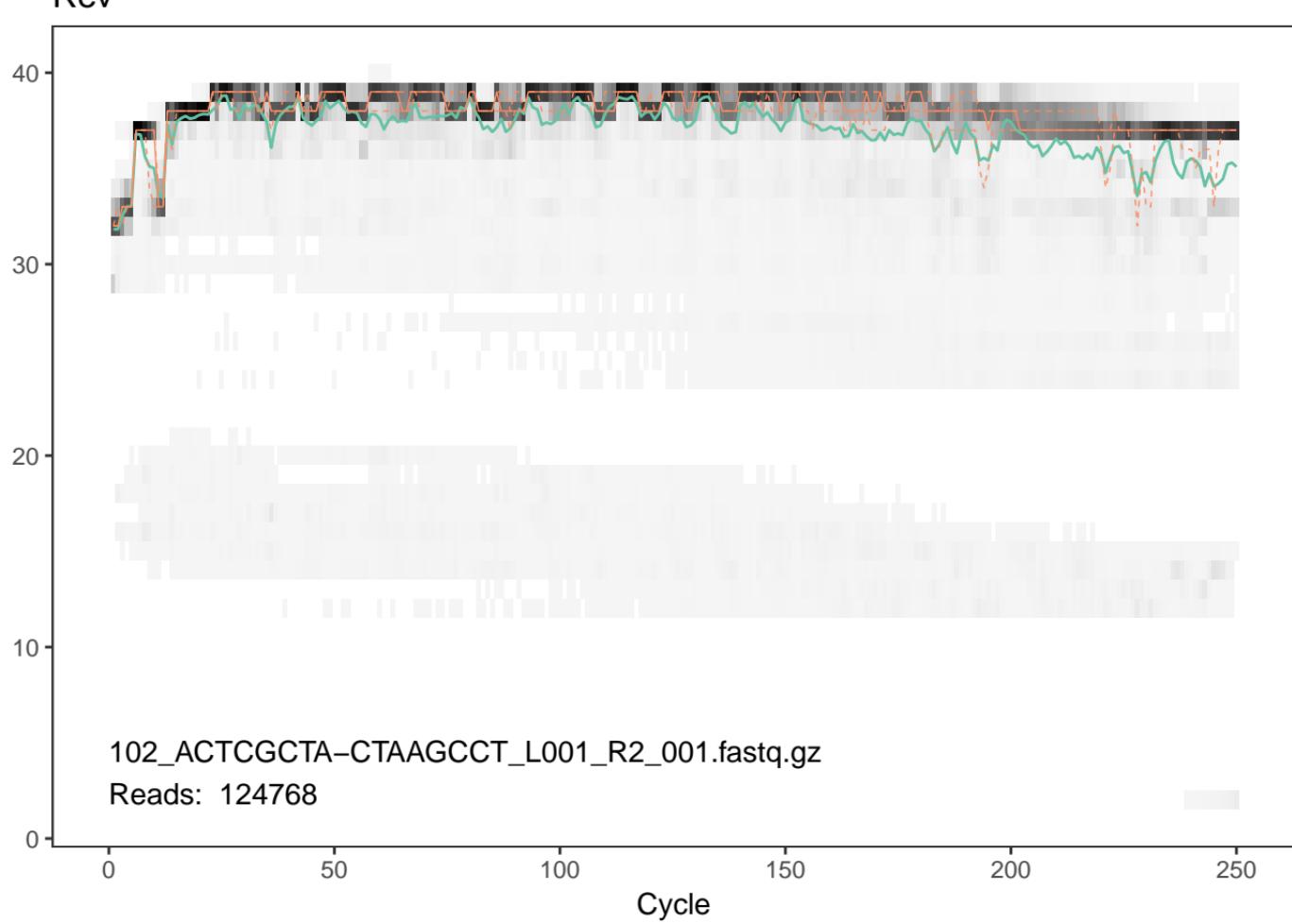
250

Cycle



Rev

Quality Score



Rev

Quality Score

40

30

20

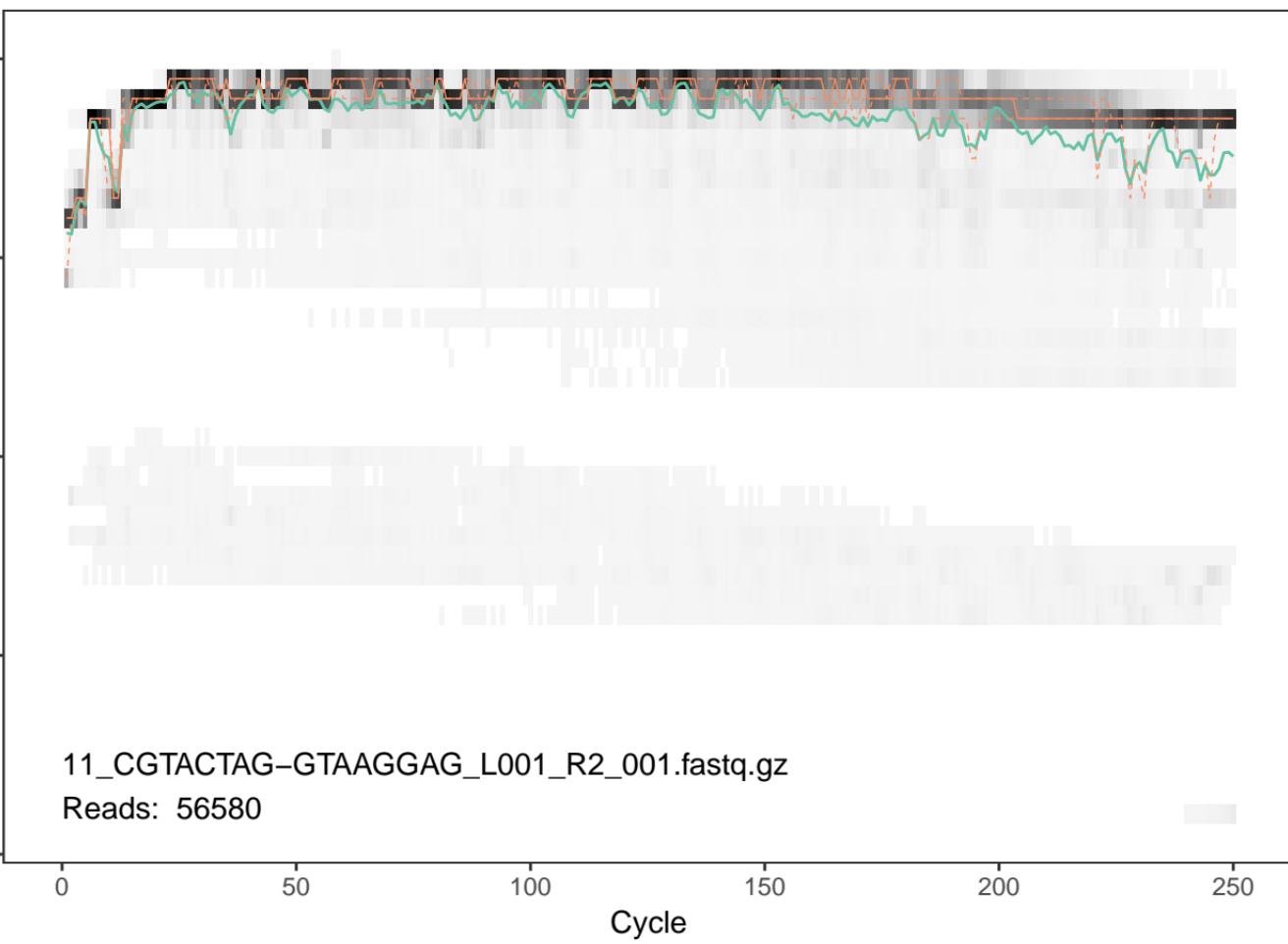
10

0

Cycle

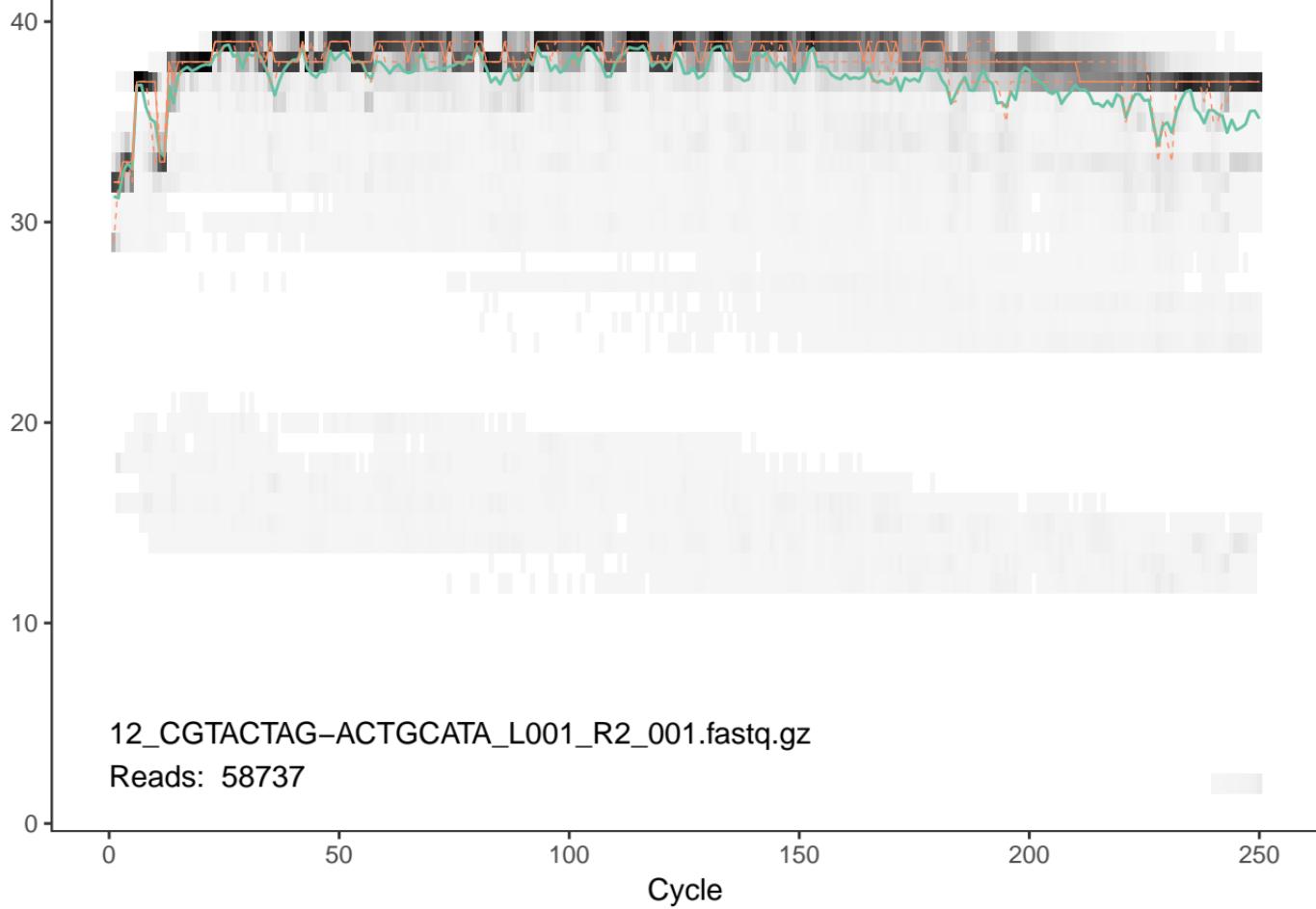
11\_CGTACTAG-GTAAGGAG\_L001\_R2\_001.fastq.gz

Reads: 56580



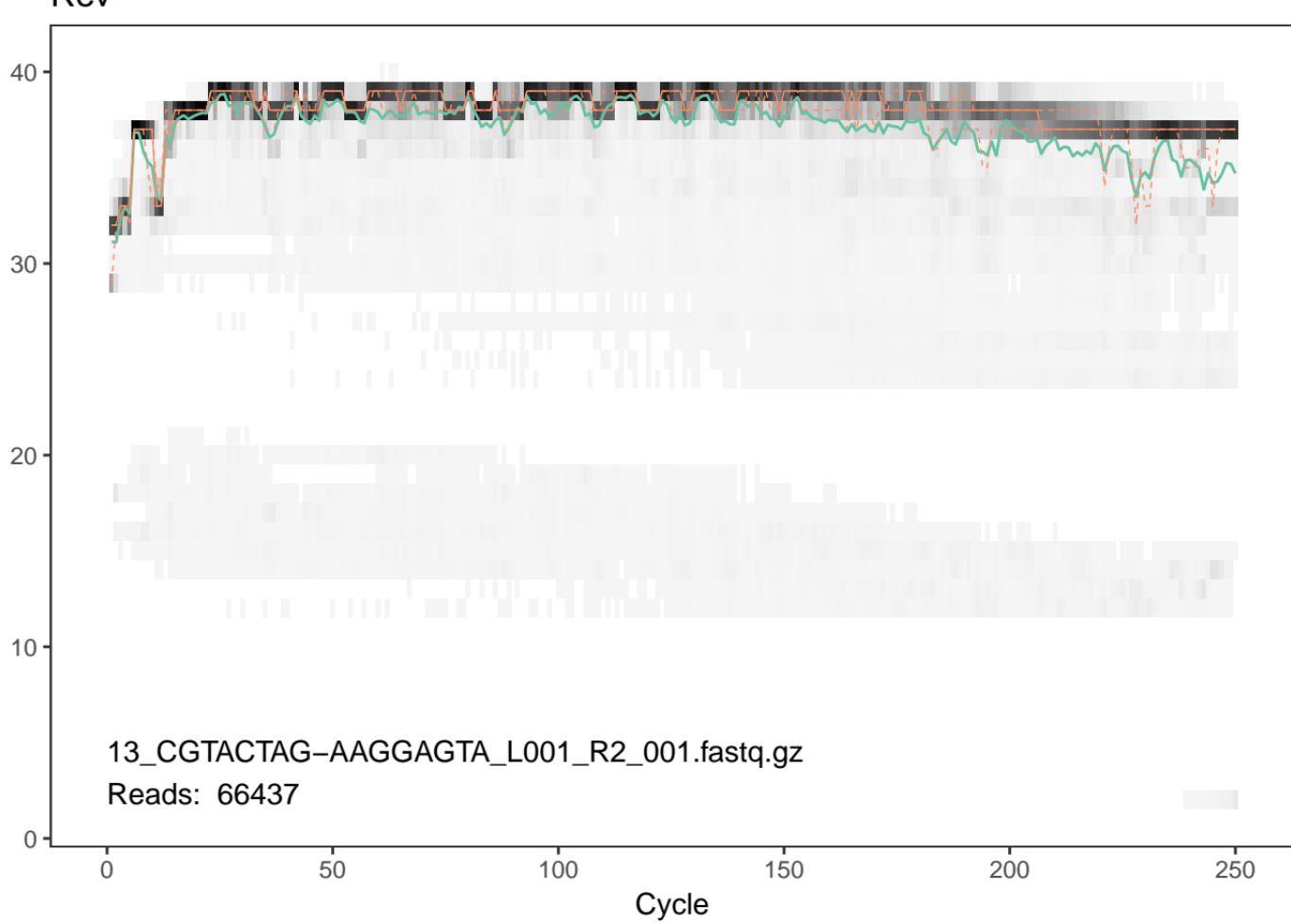
Rev

Quality Score



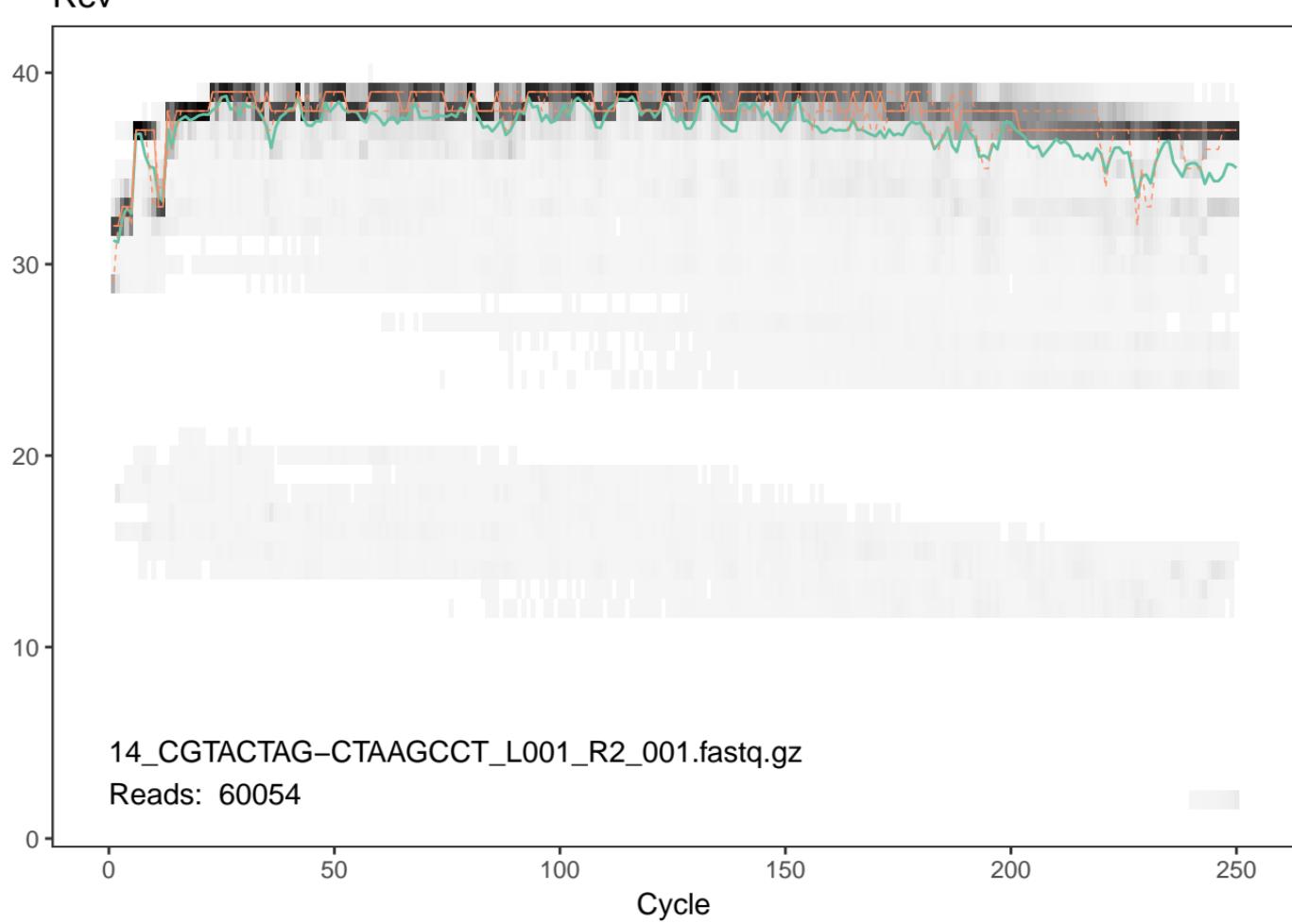
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

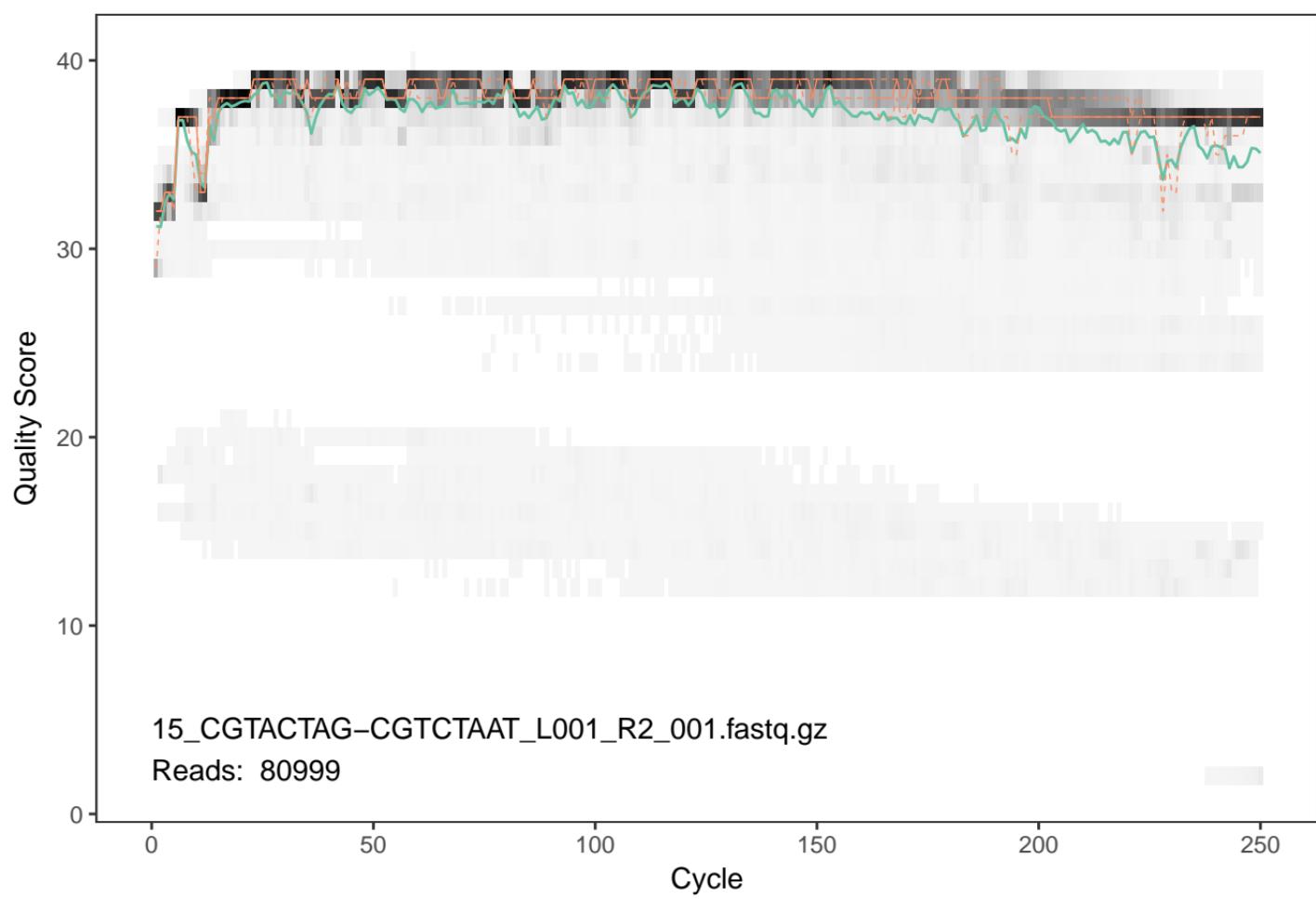
200

250

Cycle

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

Reads: 80999



Rev

Quality Score

40

30

20

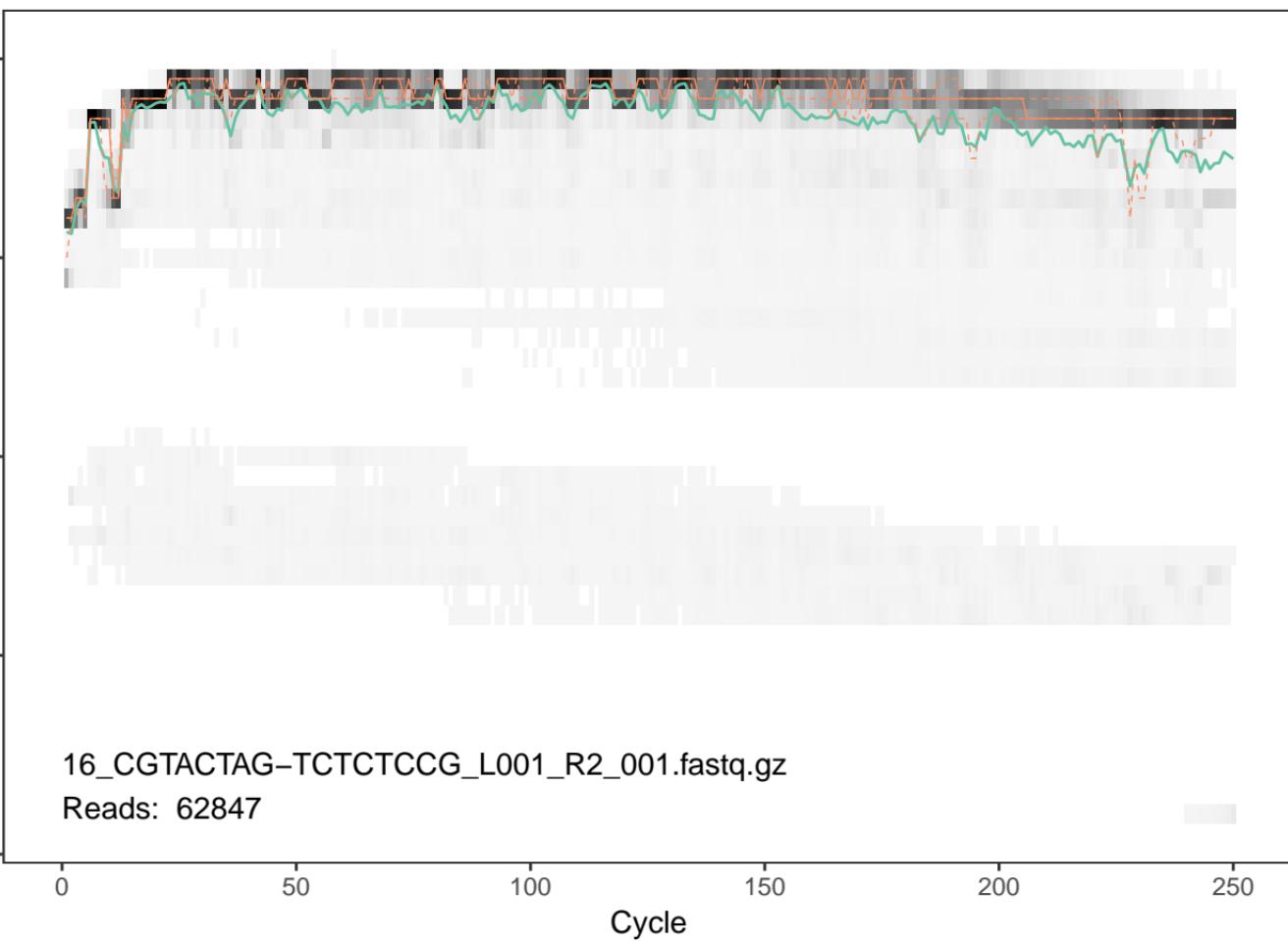
10

0

Cycle

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

Reads: 62847



Rev

Quality Score

40

30

20

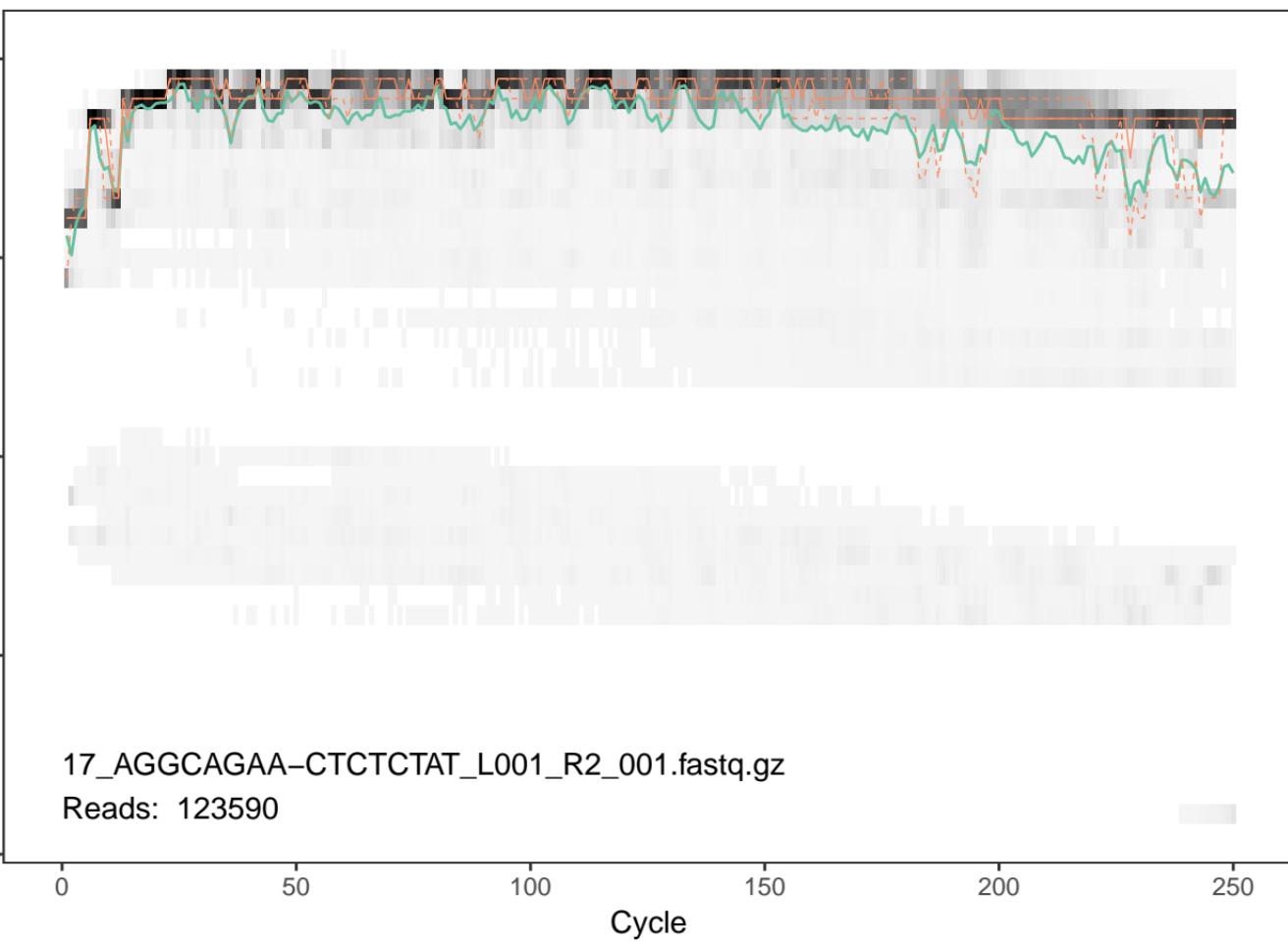
10

0

Cycle

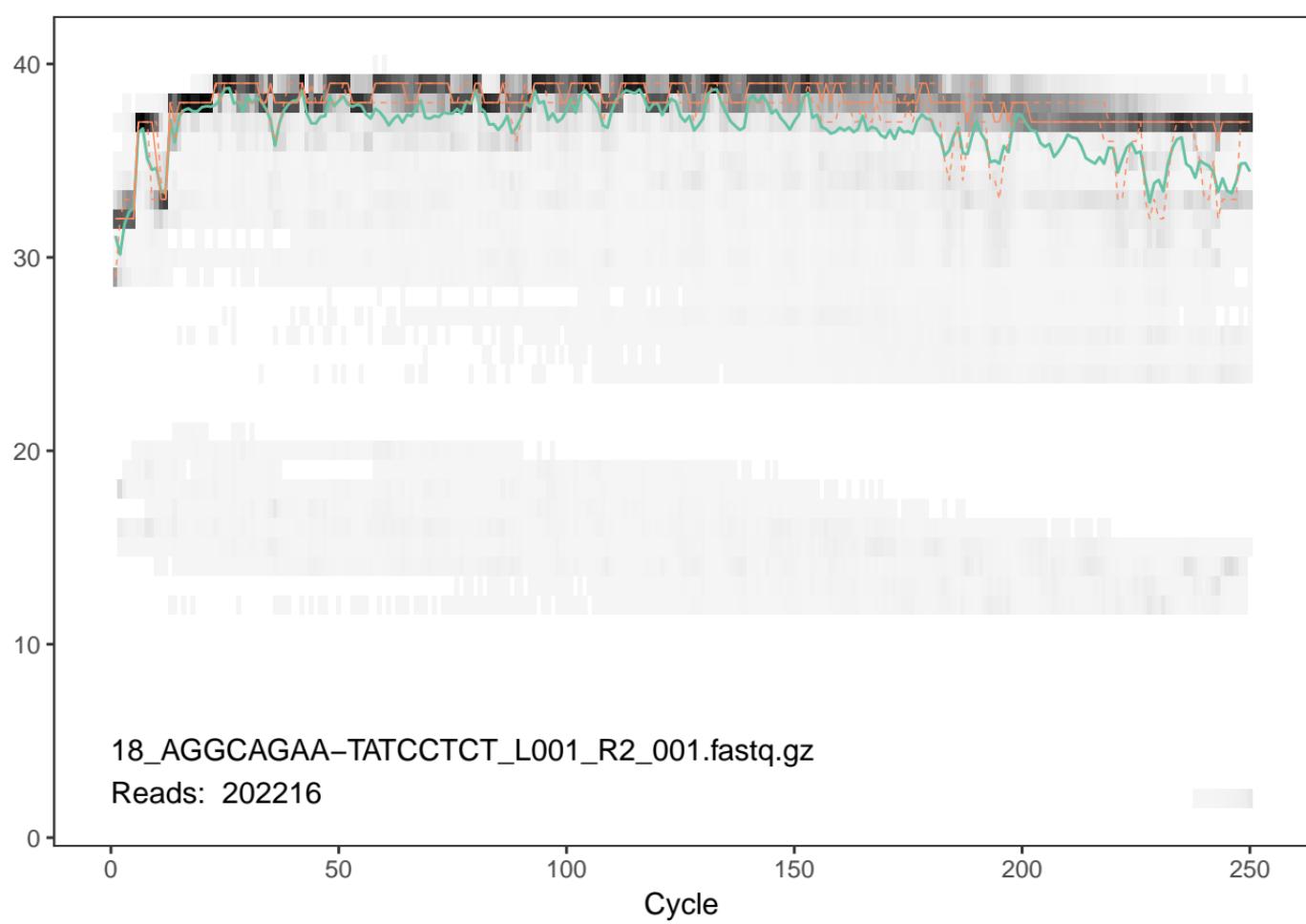
17\_AGGCAGAA-CTCTCTAT\_L001\_R2\_001.fastq.gz

Reads: 123590



Rev

Quality Score

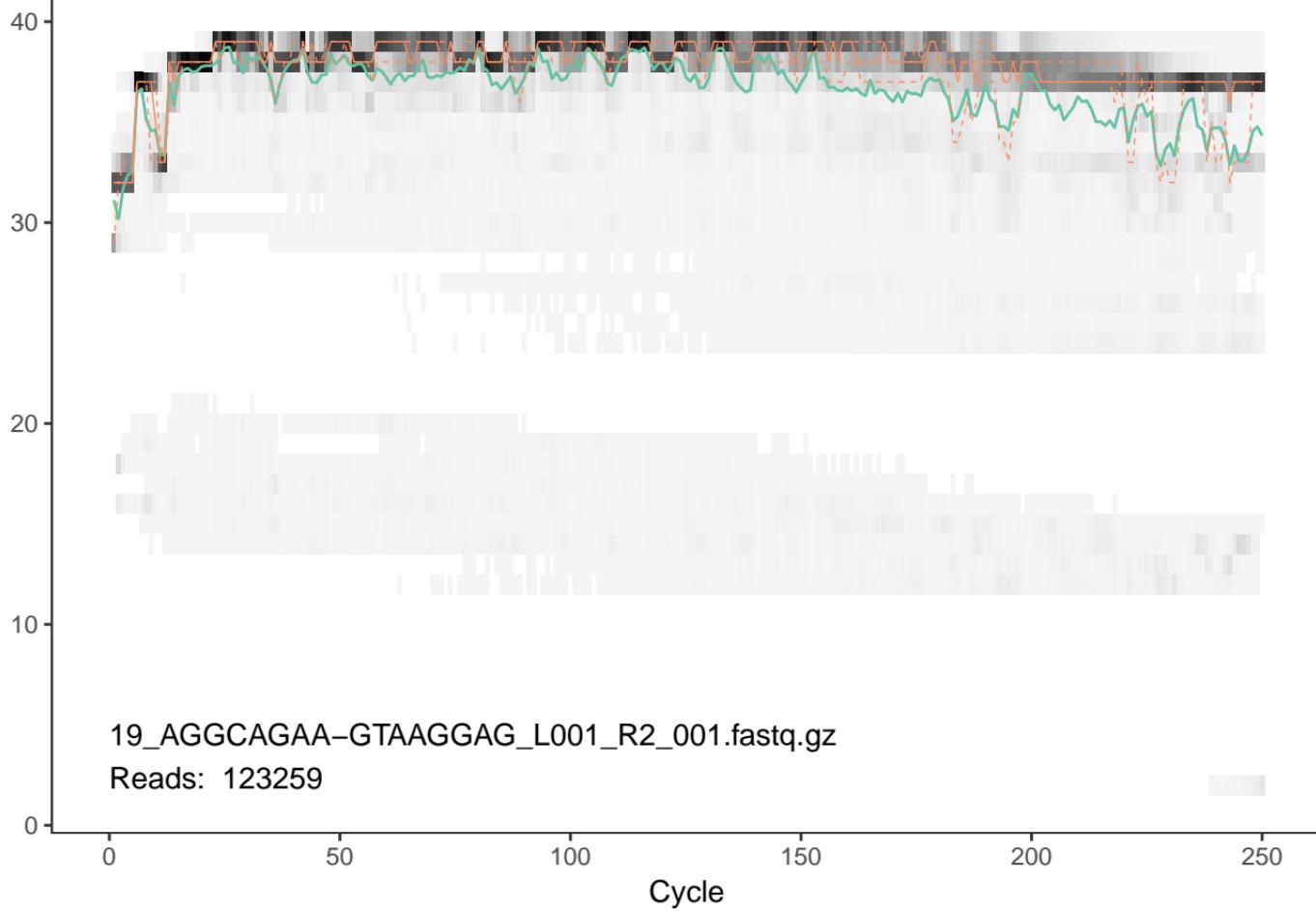


18\_AGGCAGAA-TATCCTCT\_L001\_R2\_001.fastq.gz

Reads: 202216

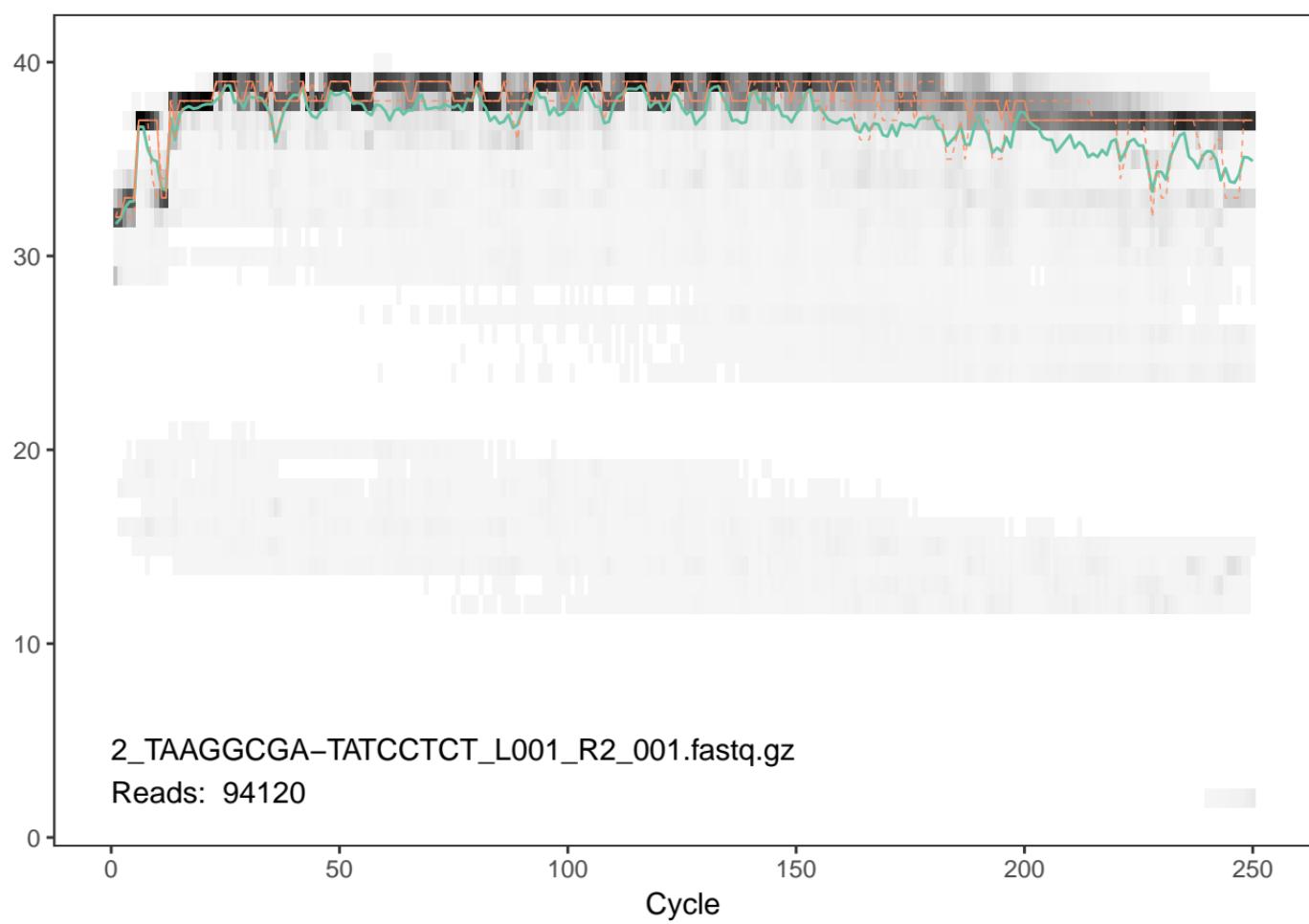
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

20\_AGGCAGAA-ACTGCATA\_L001\_R2\_001.fastq.gz

Reads: 149794

0

50

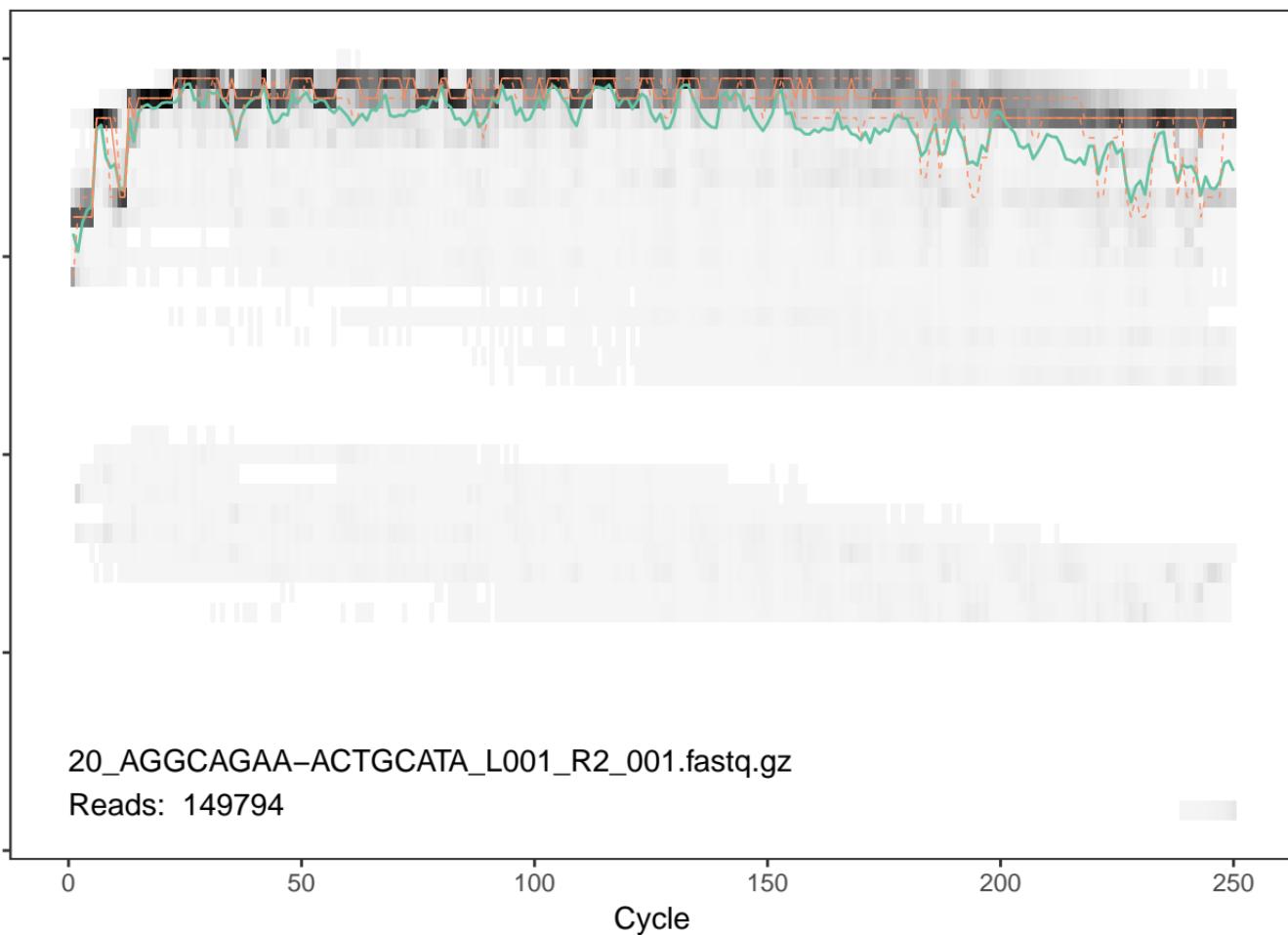
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

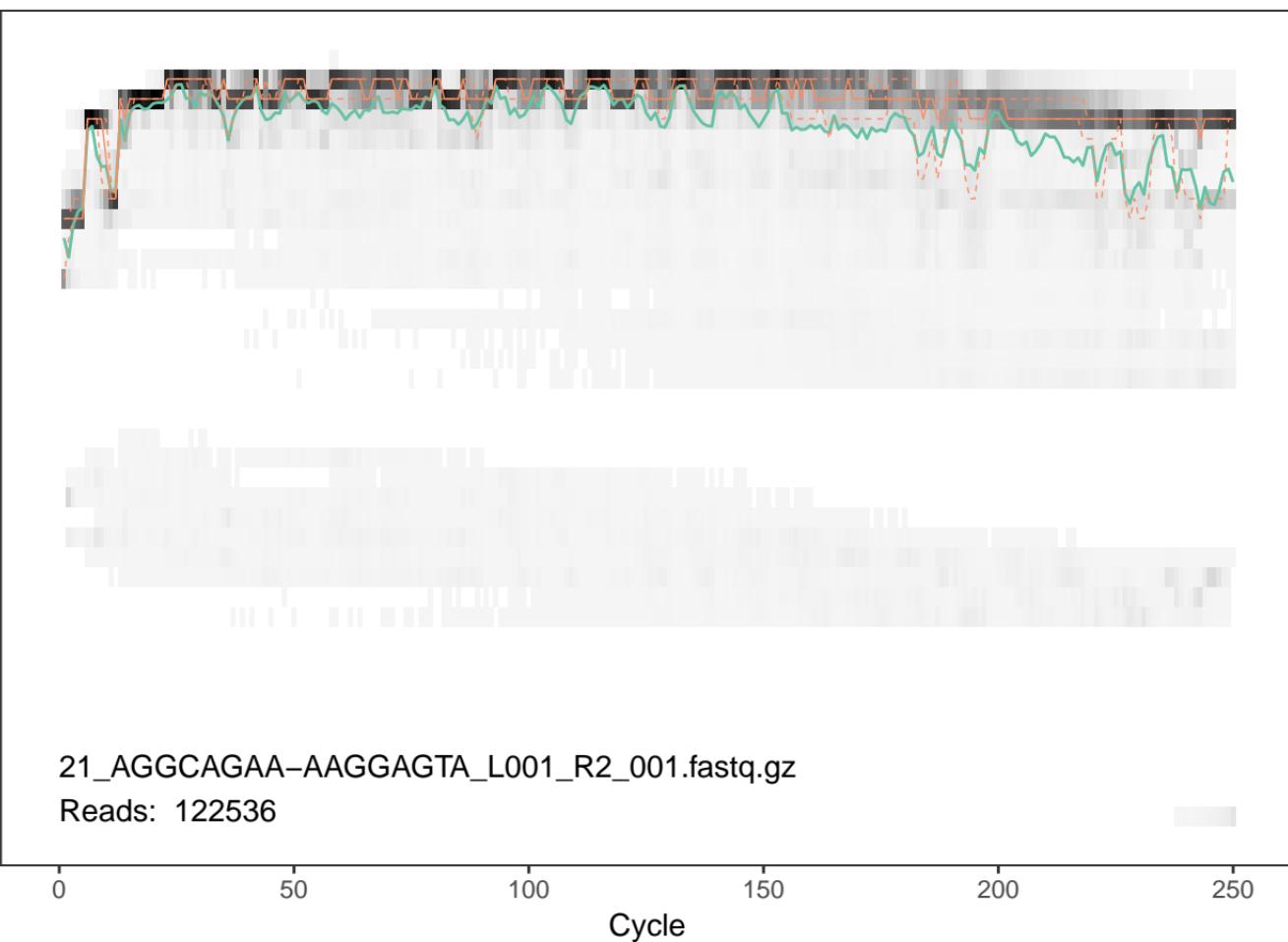
10

0

Cycle

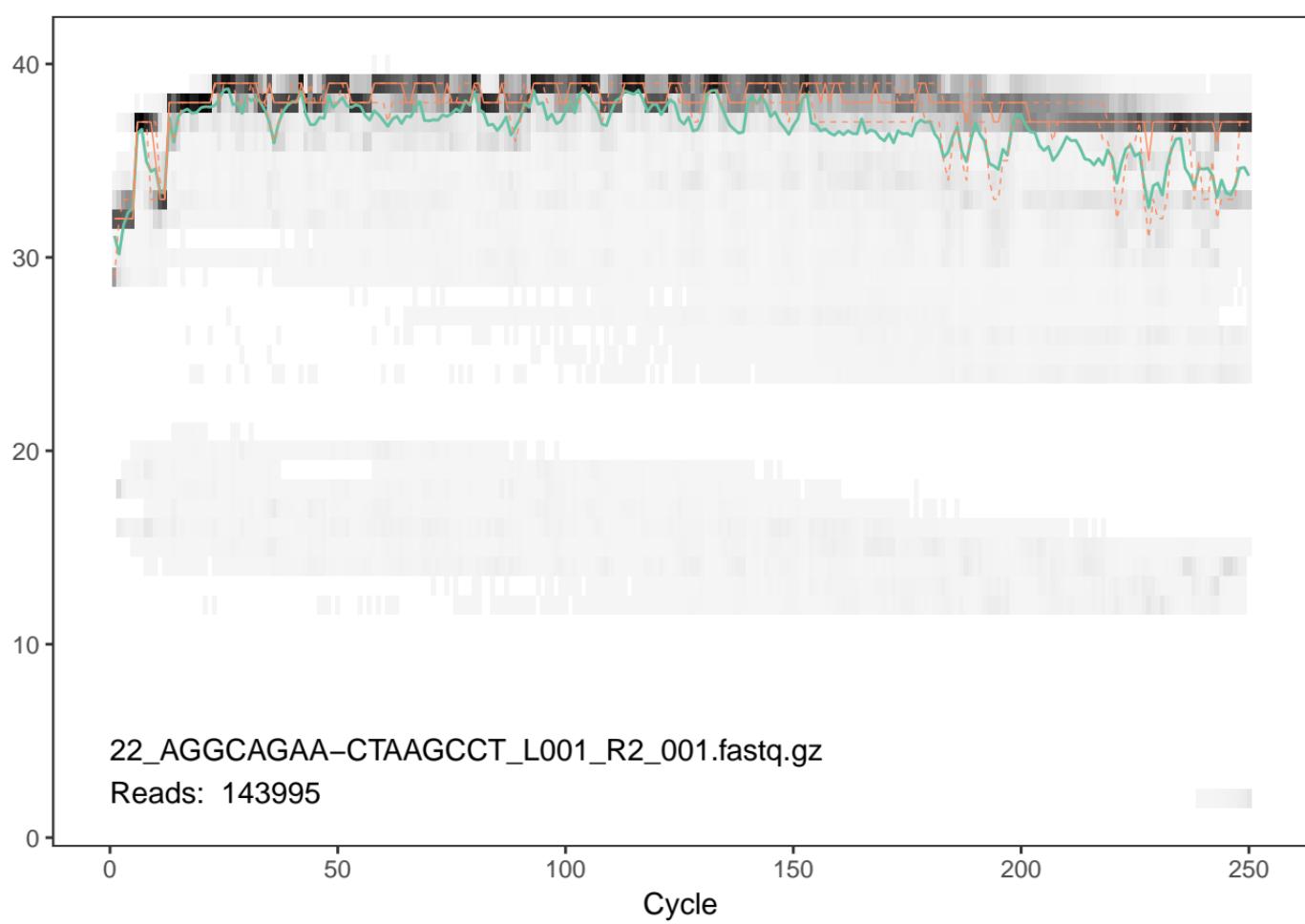
21\_AGGCAGAA-AAGGAGTA\_L001\_R2\_001.fastq.gz

Reads: 122536



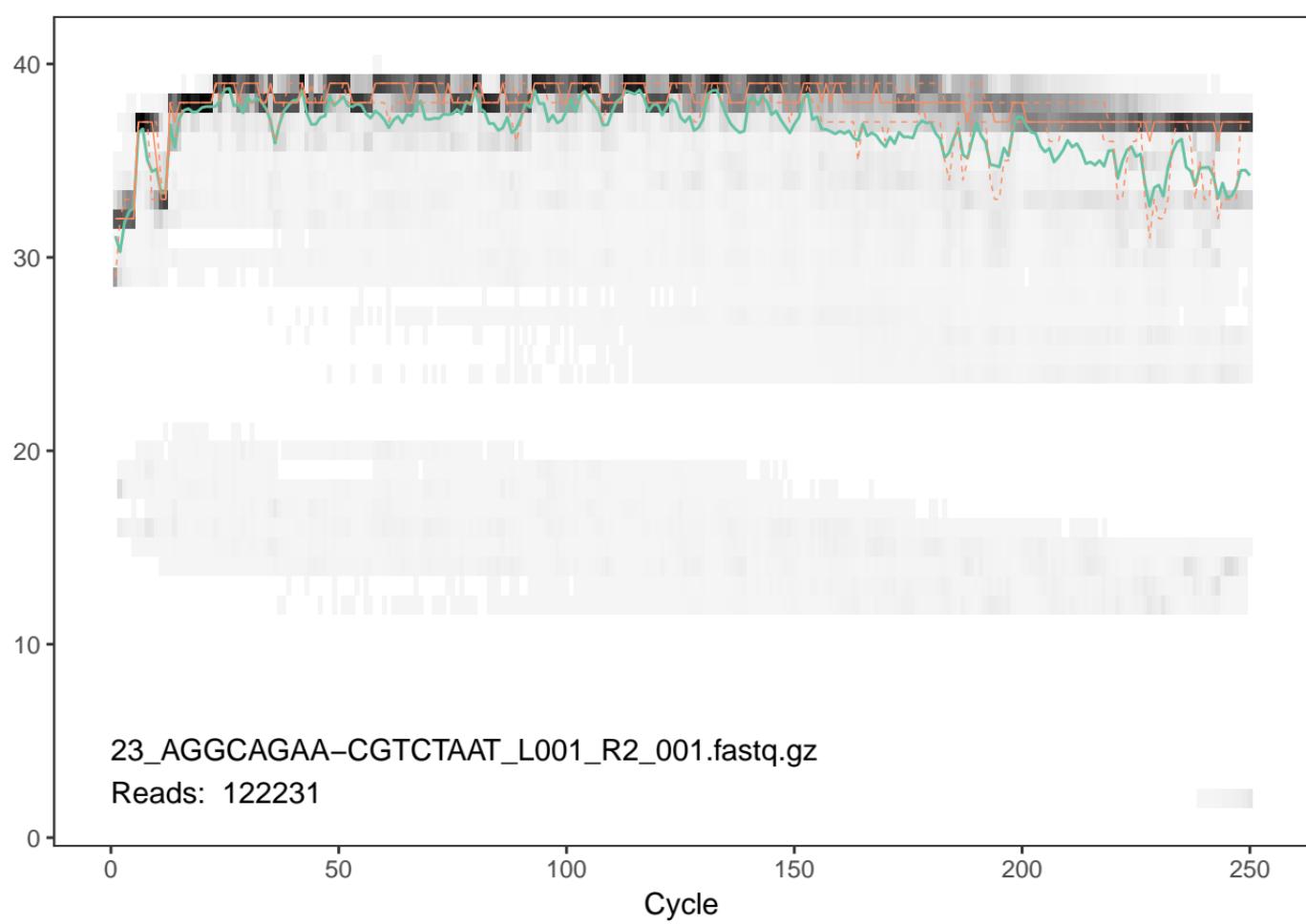
Rev

Quality Score



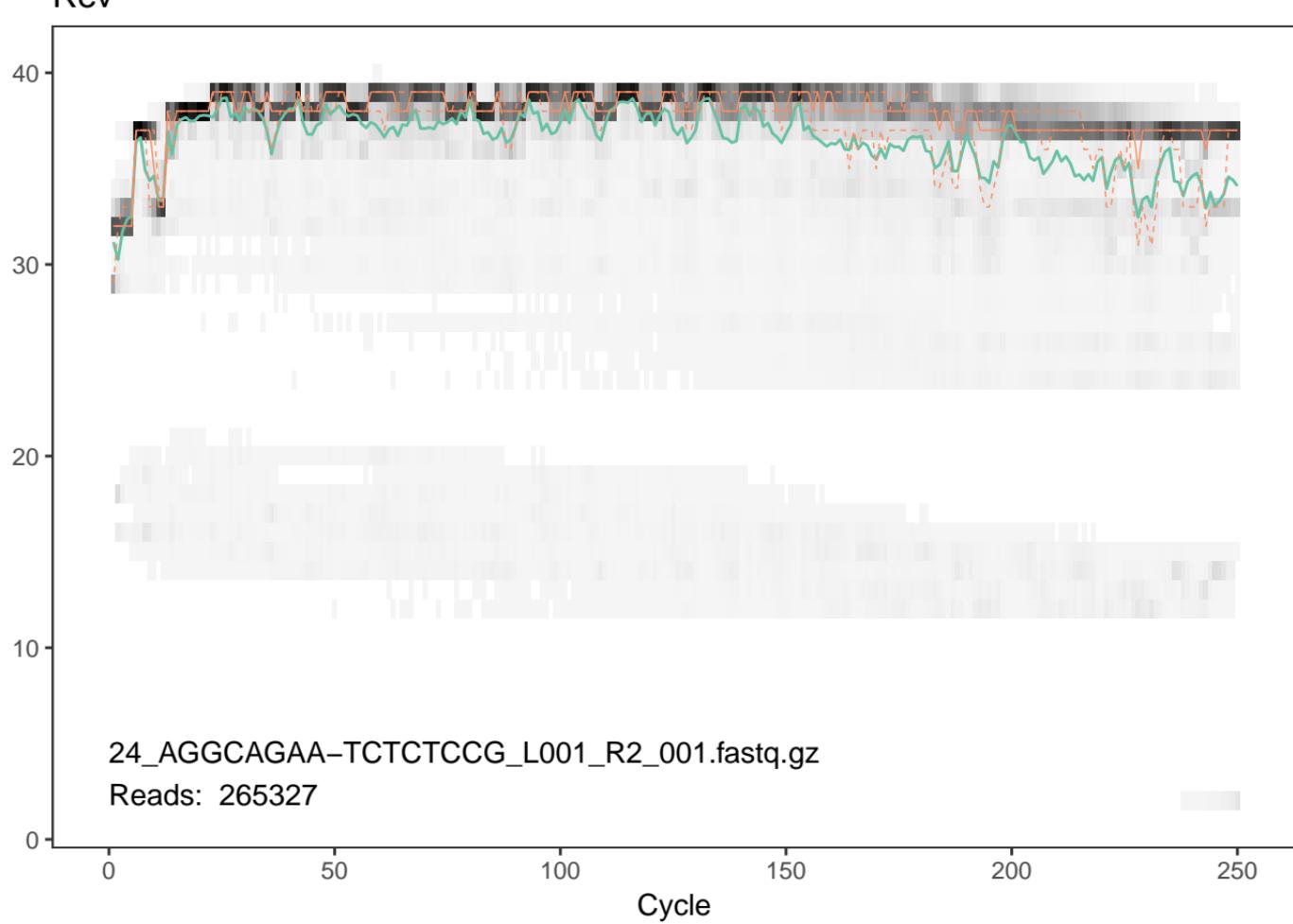
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

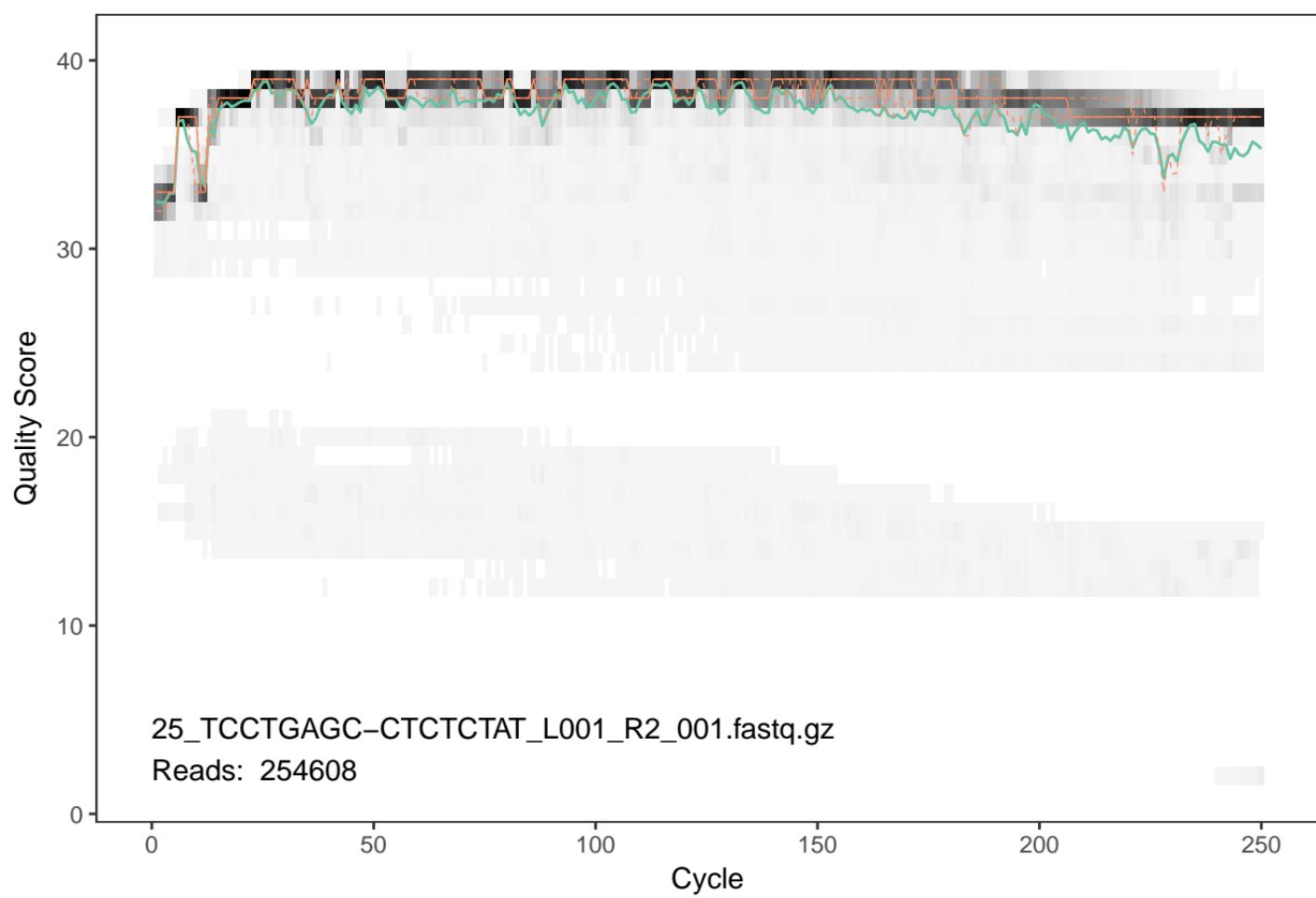
200

250

Cycle

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

Reads: 254608



Rev

Quality Score

40

30

20

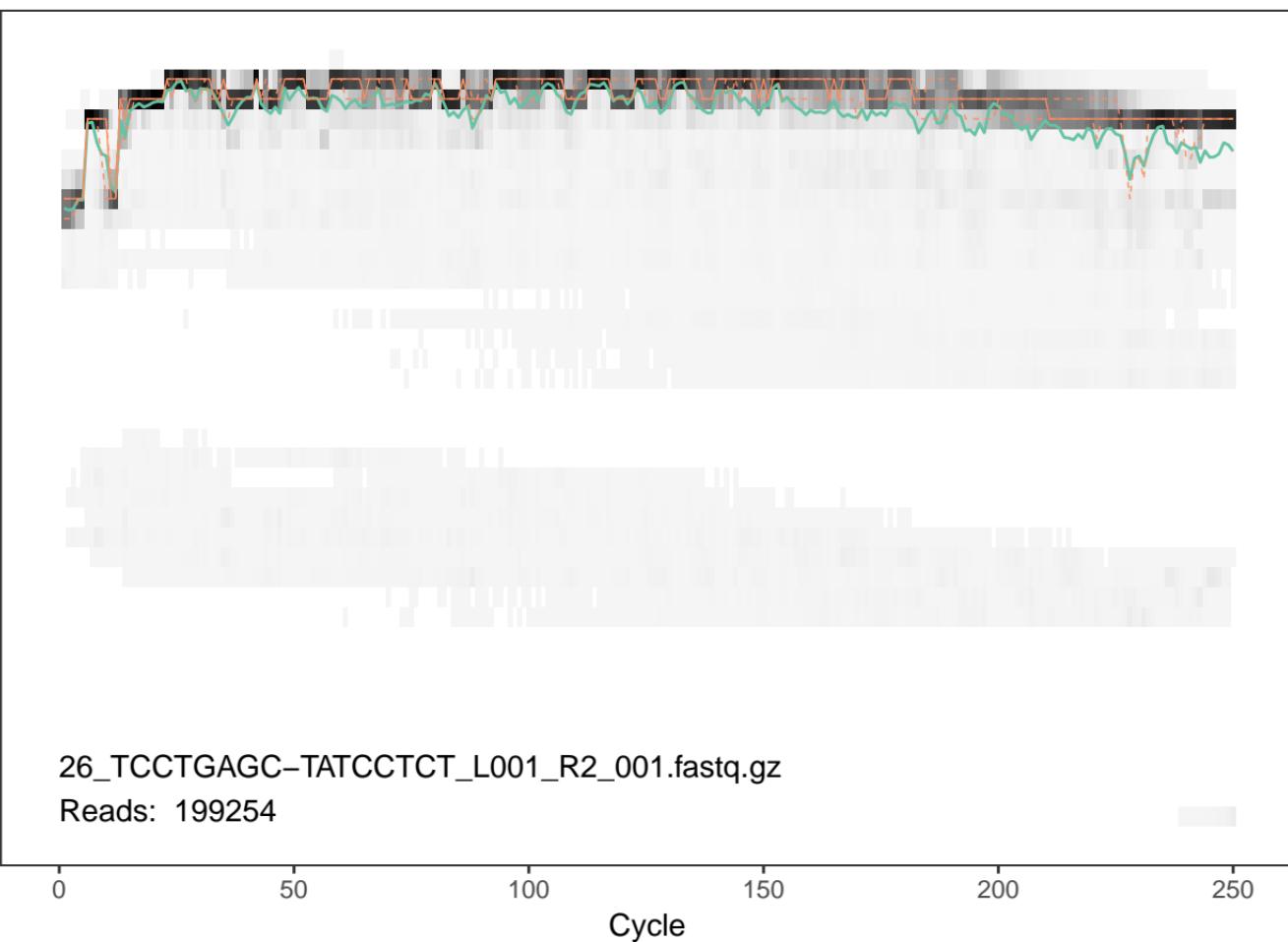
10

0

Cycle

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

Reads: 199254



Rev

Quality Score

40

30

20

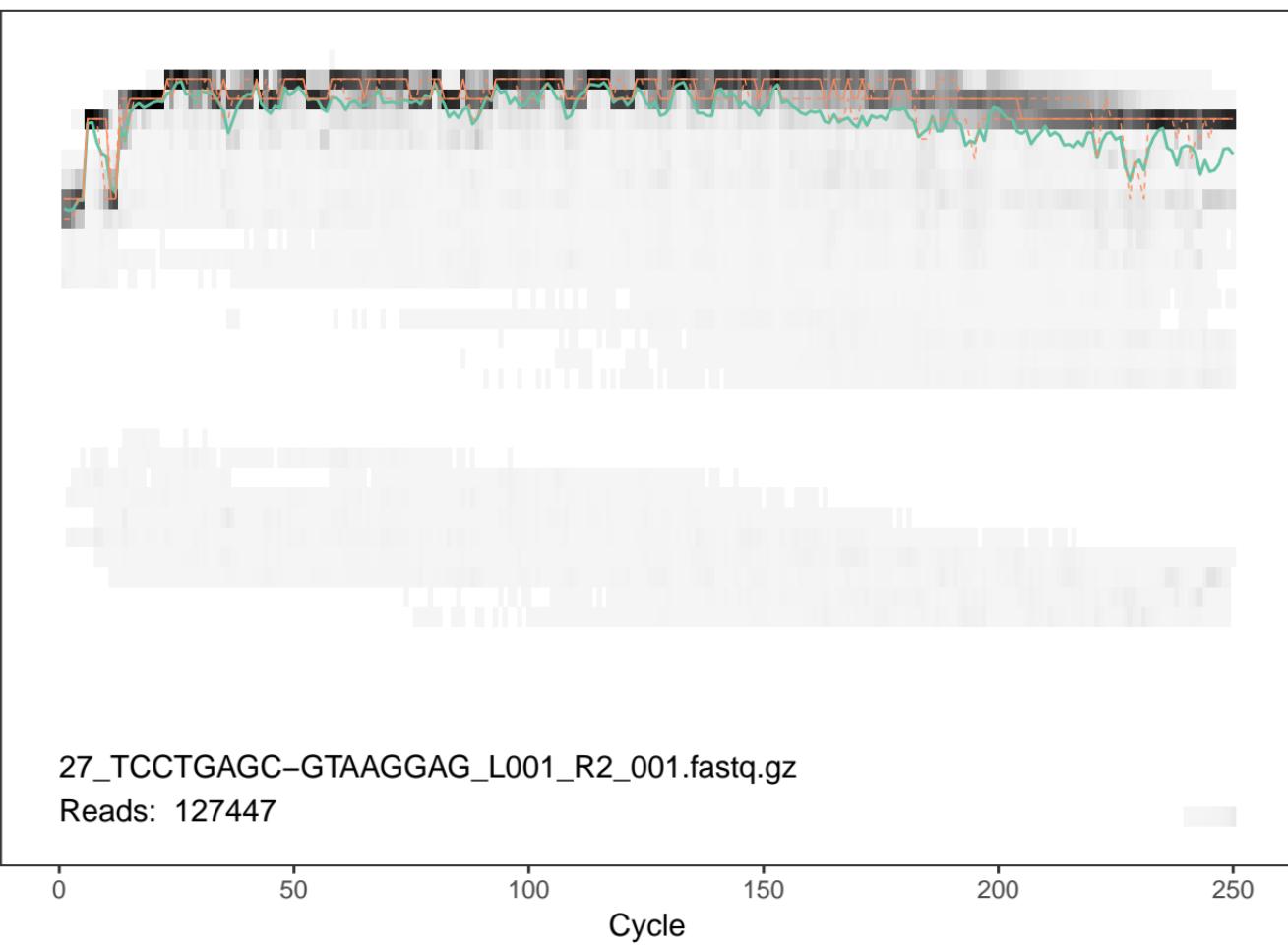
10

0

Cycle

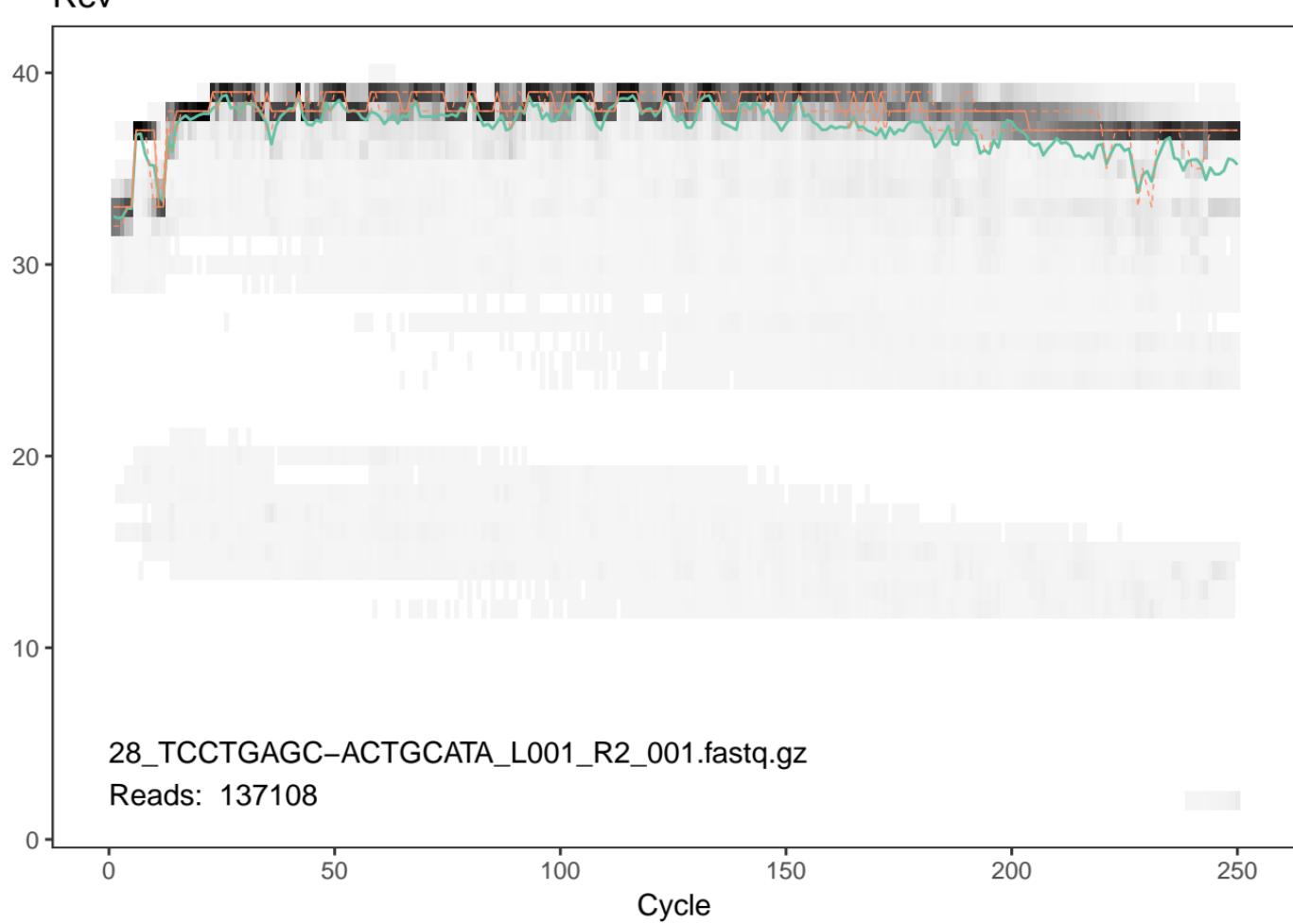
27\_TCCTGAGC-GTAAGGAG\_L001\_R2\_001.fastq.gz

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

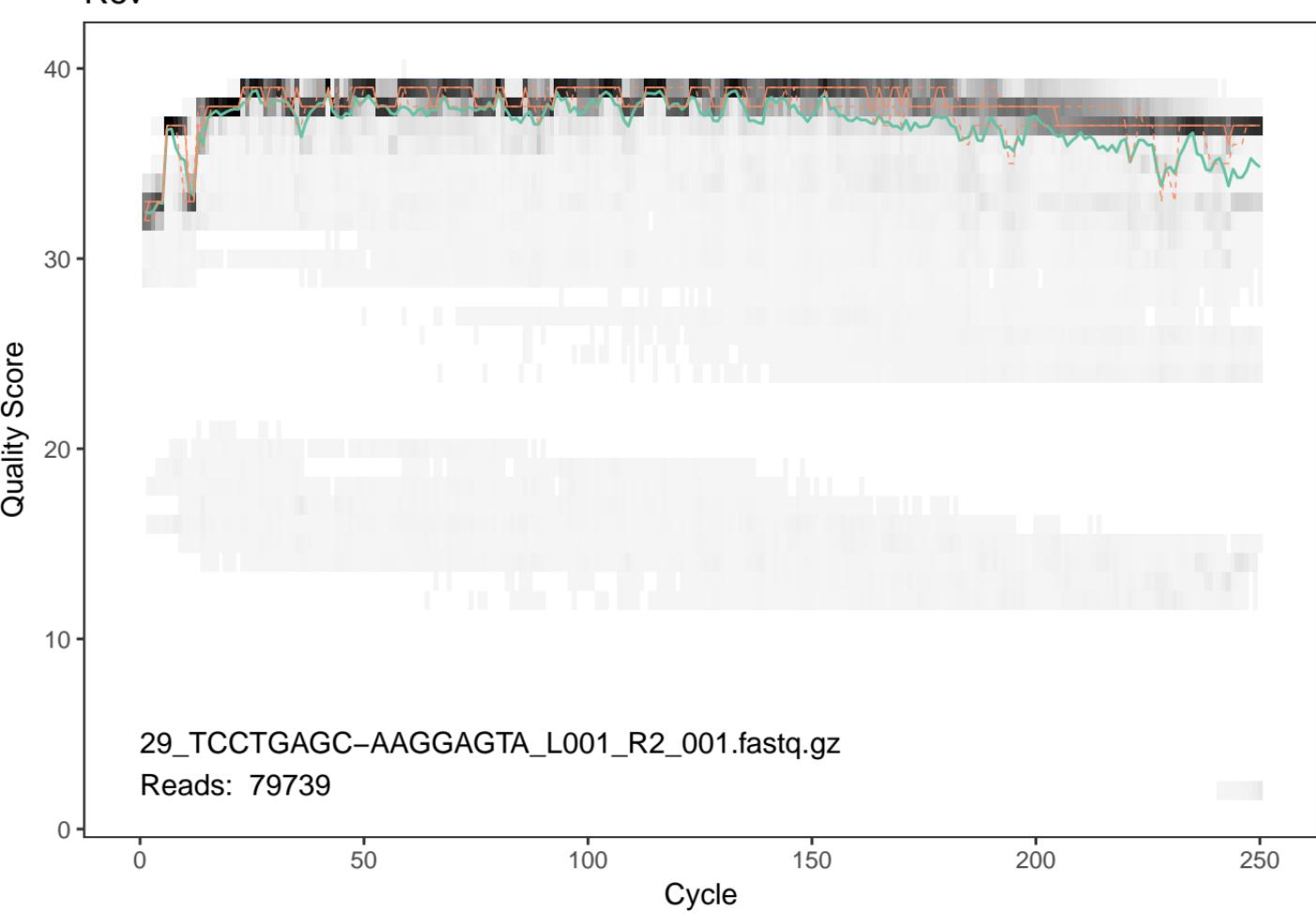
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

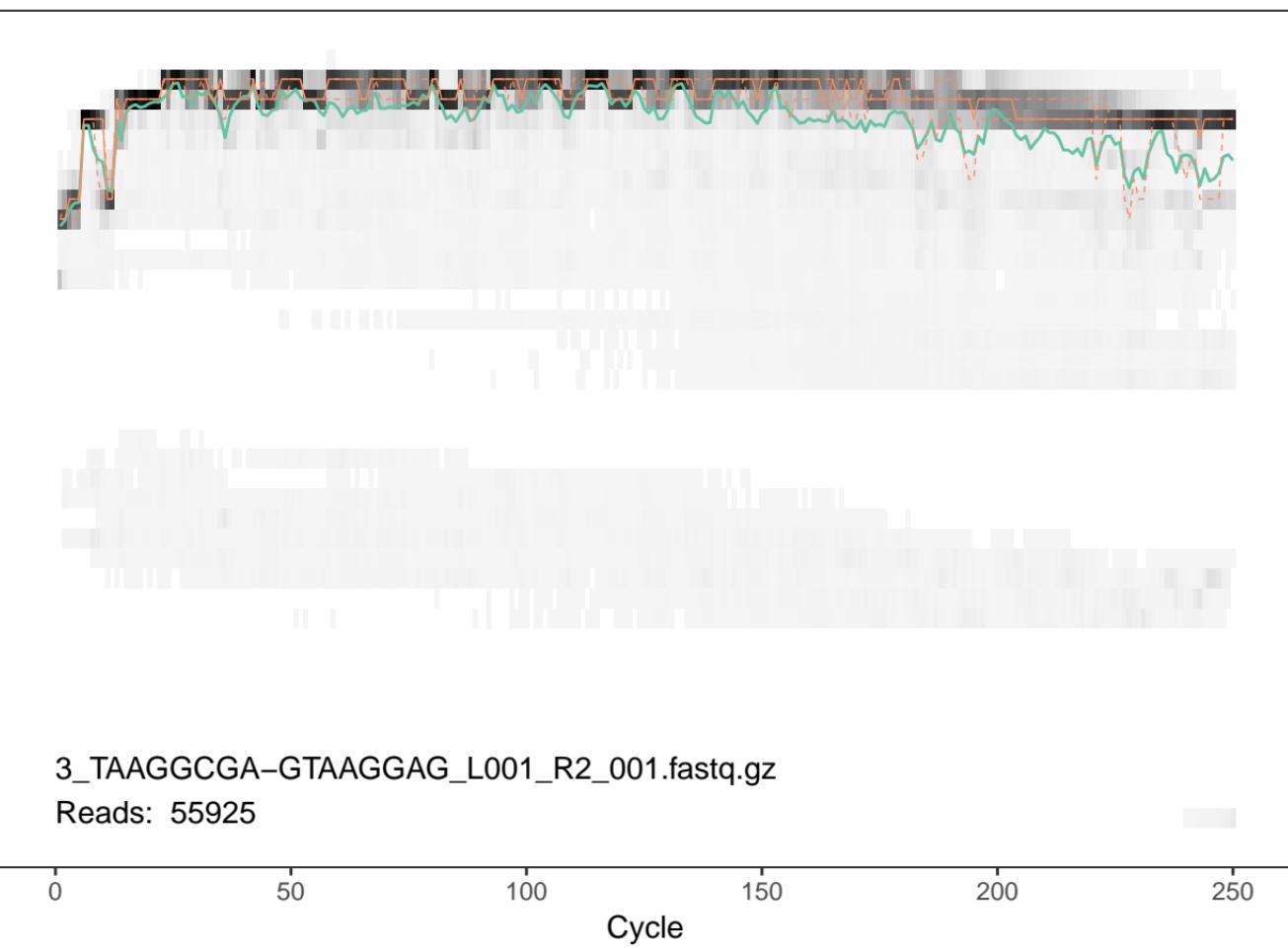
10

0

Cycle

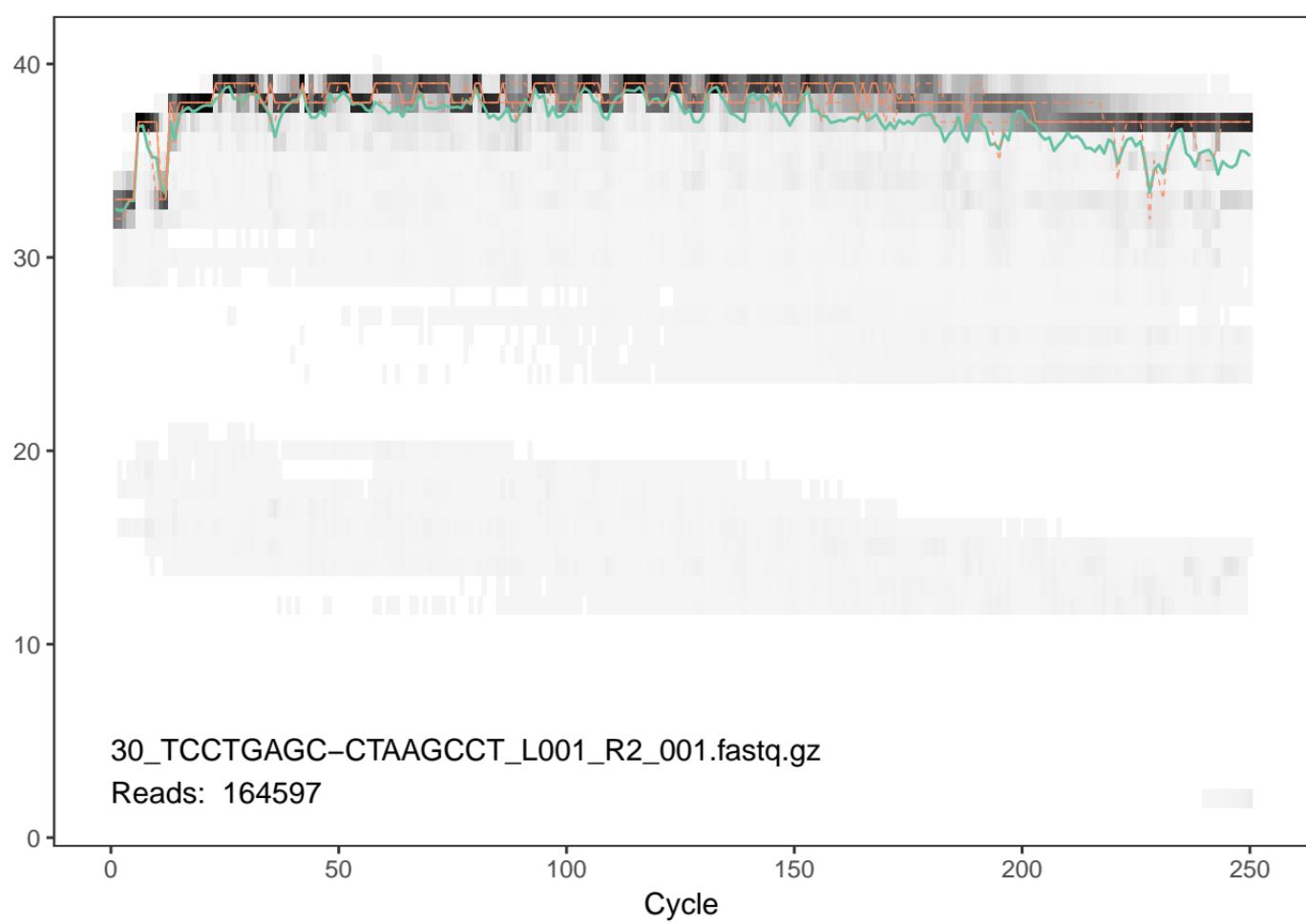
3\_TAAGGCGA-GTAAGGAG\_L001\_R2\_001.fastq.gz

Reads: 55925



Rev

Quality Score



Rev

Quality Score

40

30

20

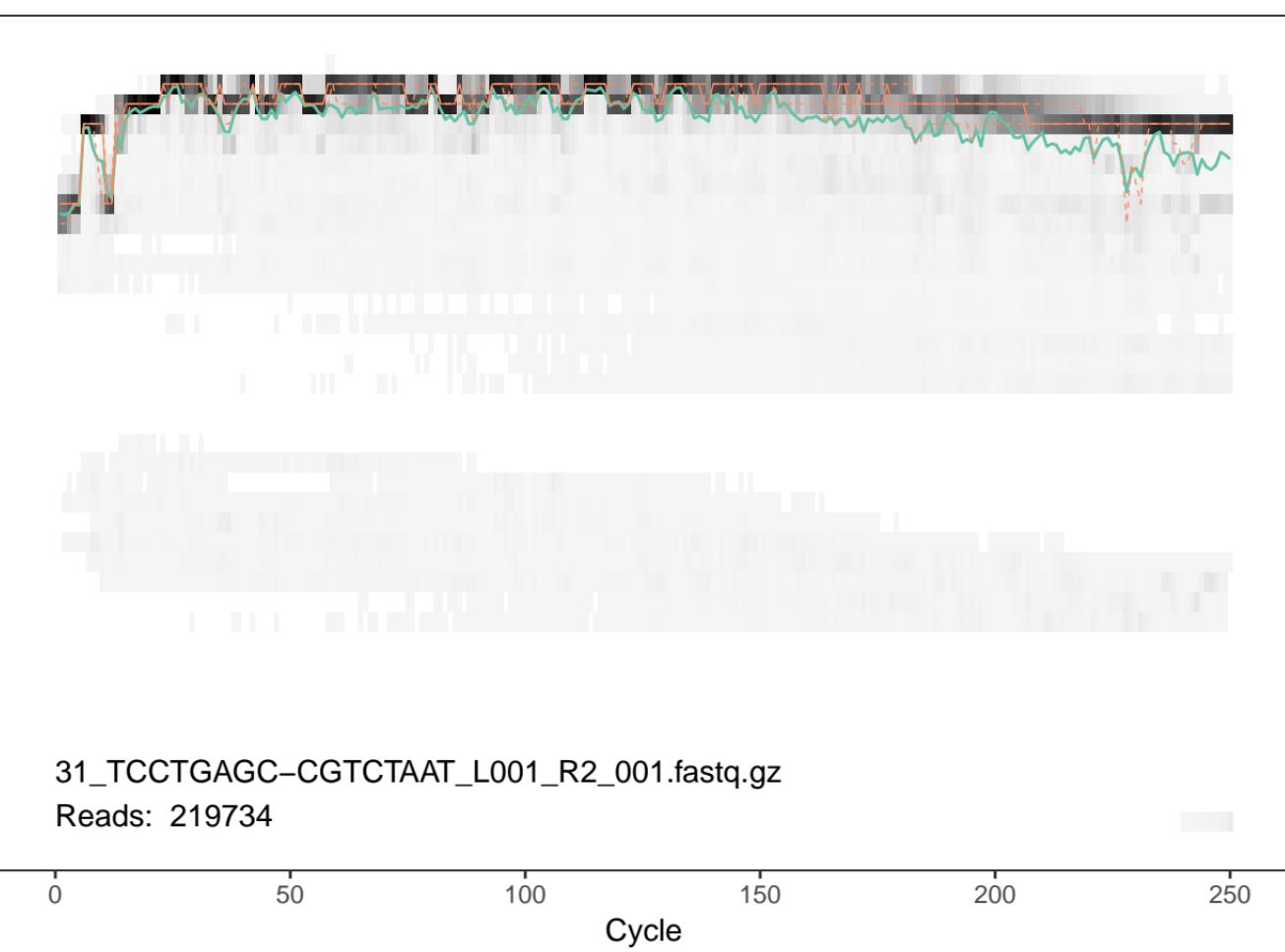
10

0

Cycle

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

Reads: 219734



Rev

Quality Score

40

30

20

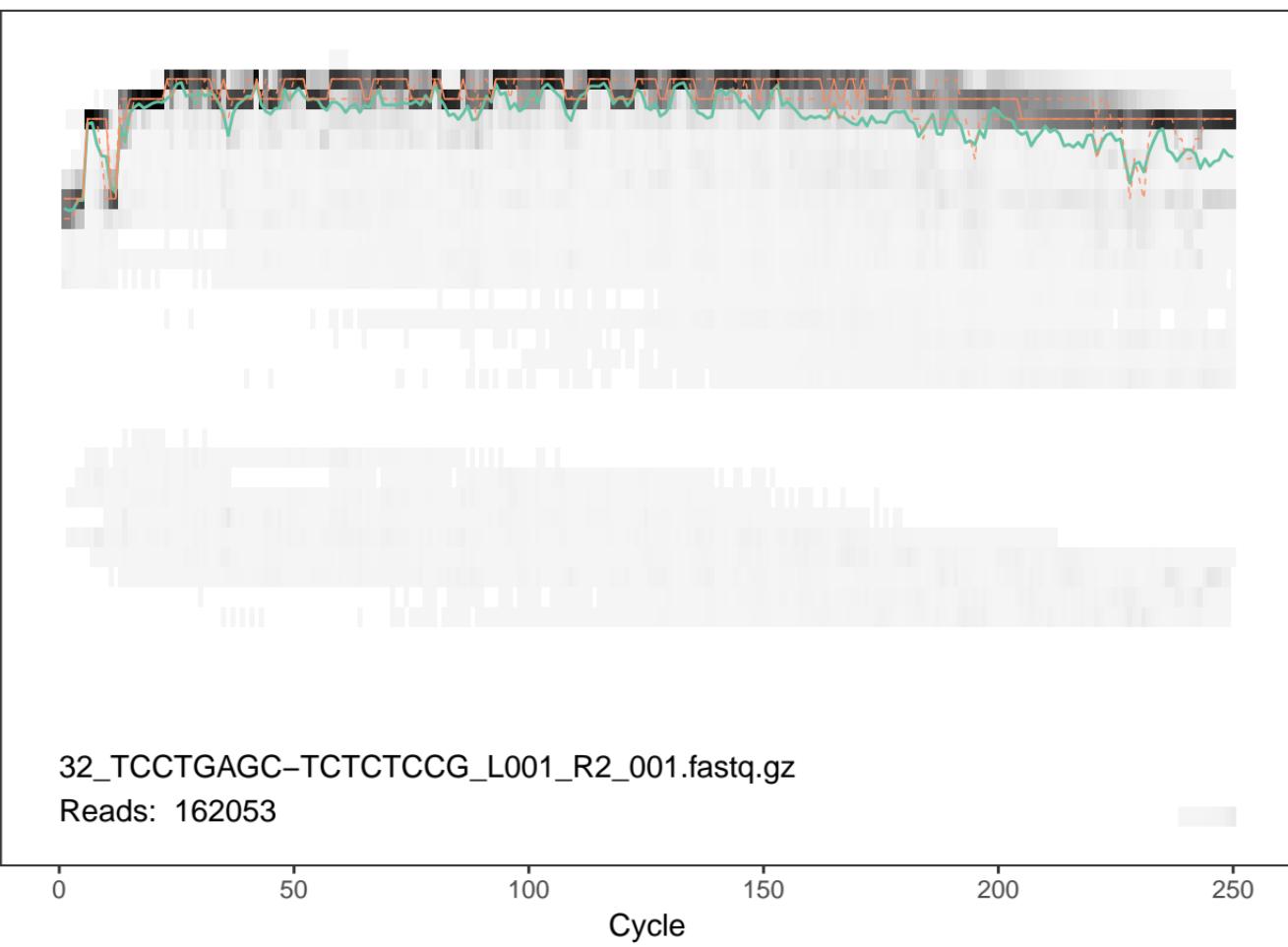
10

0

Cycle

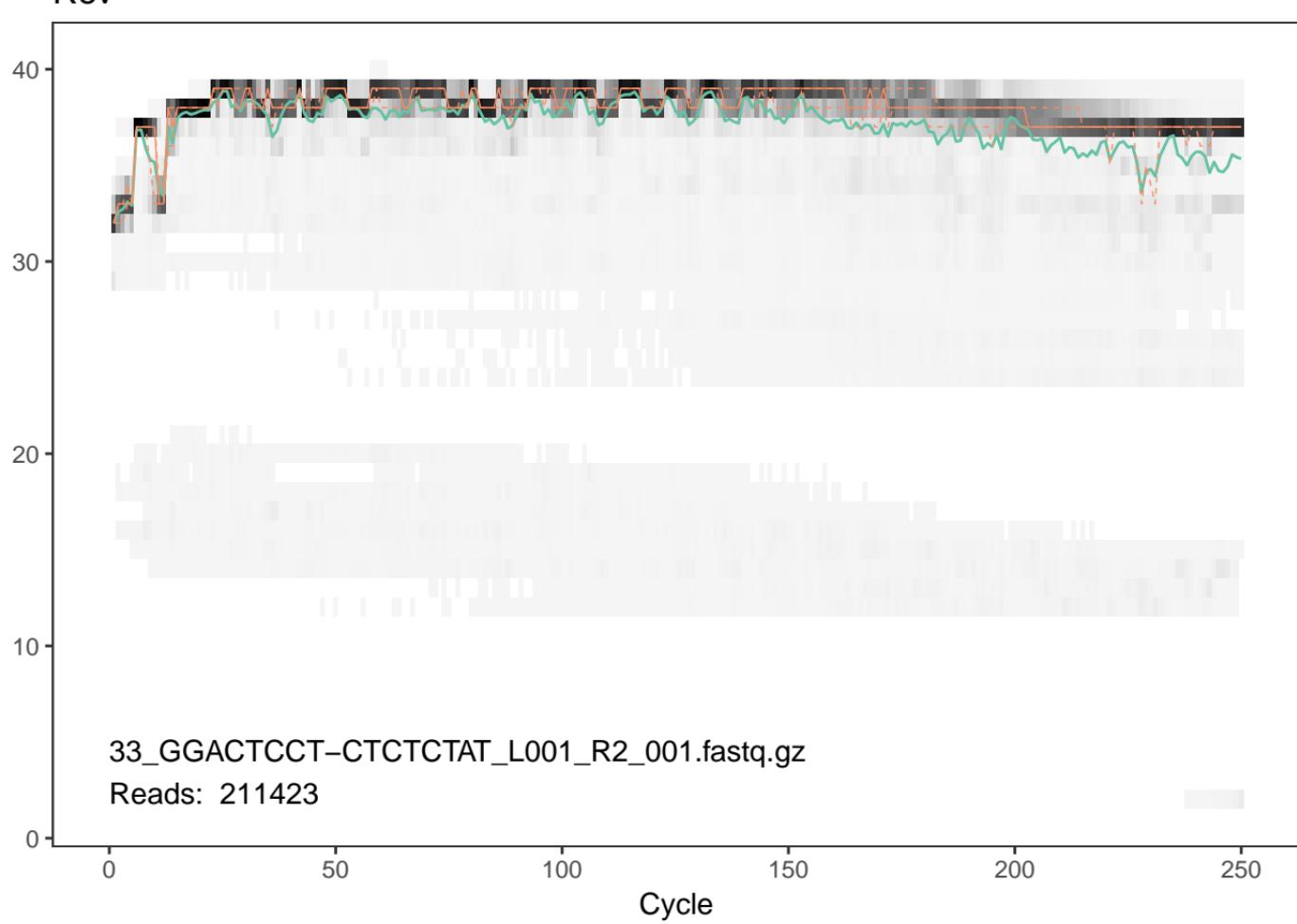
32\_TCCTGAGC-TCTCTCCG\_L001\_R2\_001.fastq.gz

Reads: 162053



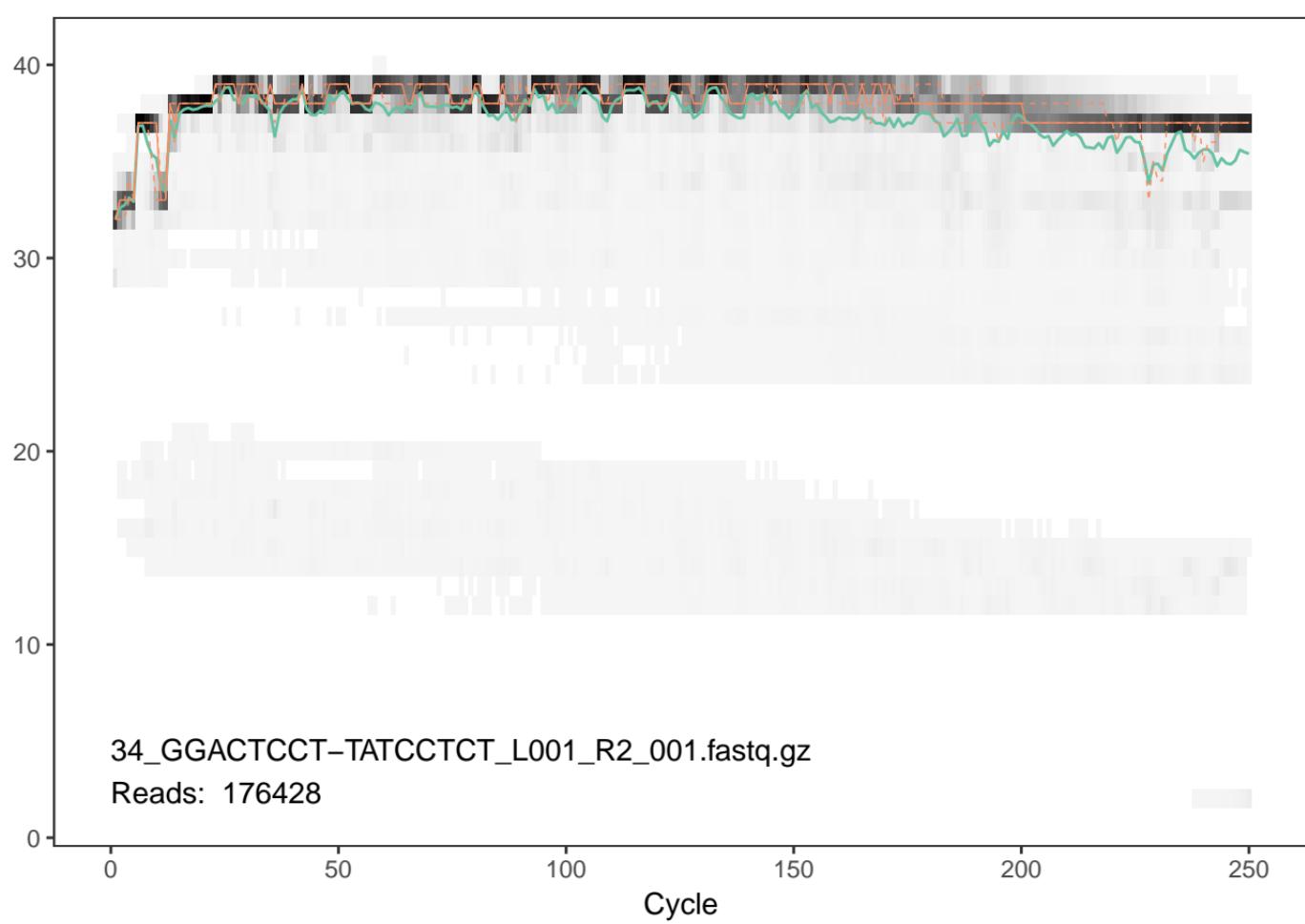
Rev

Quality Score



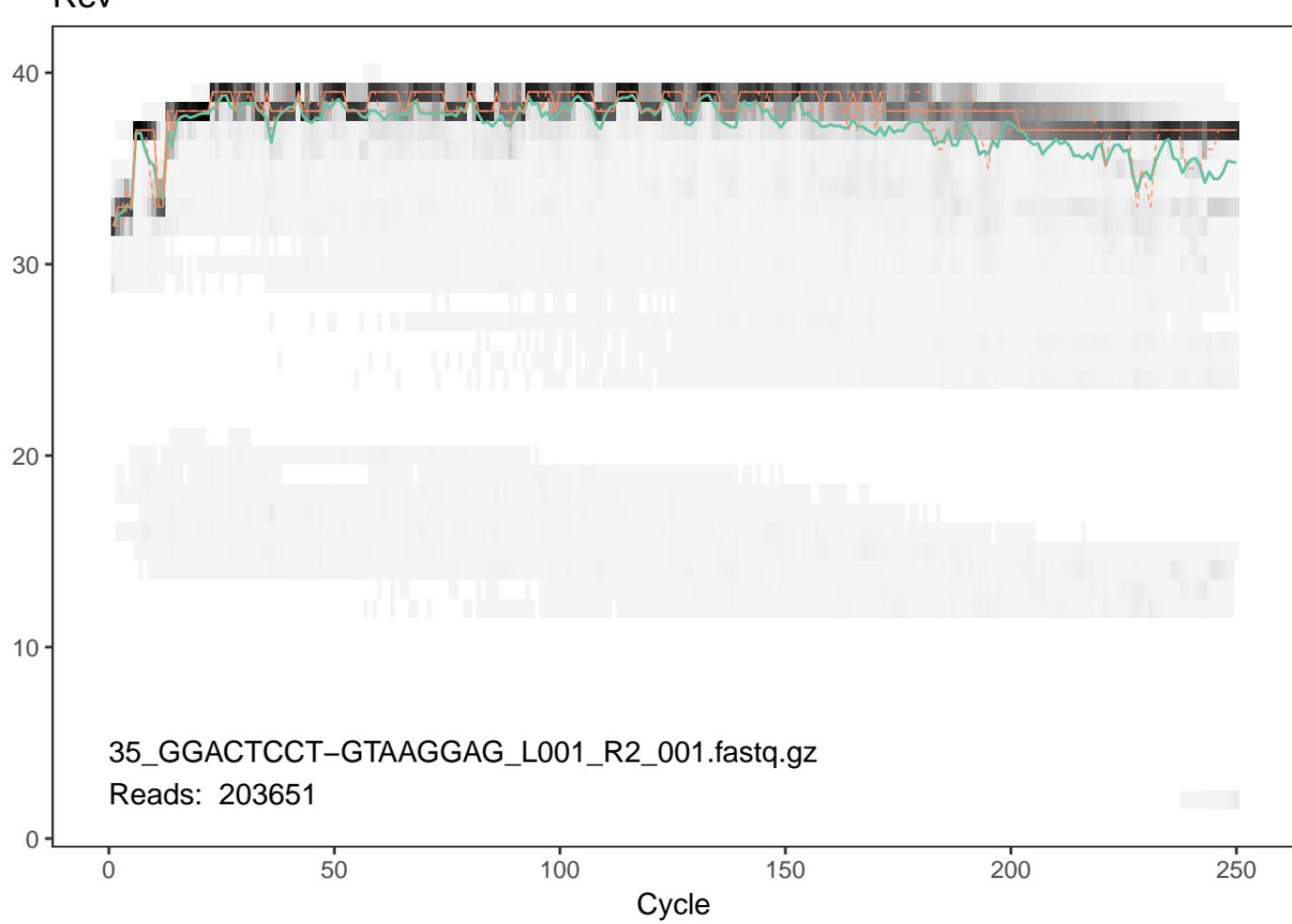
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

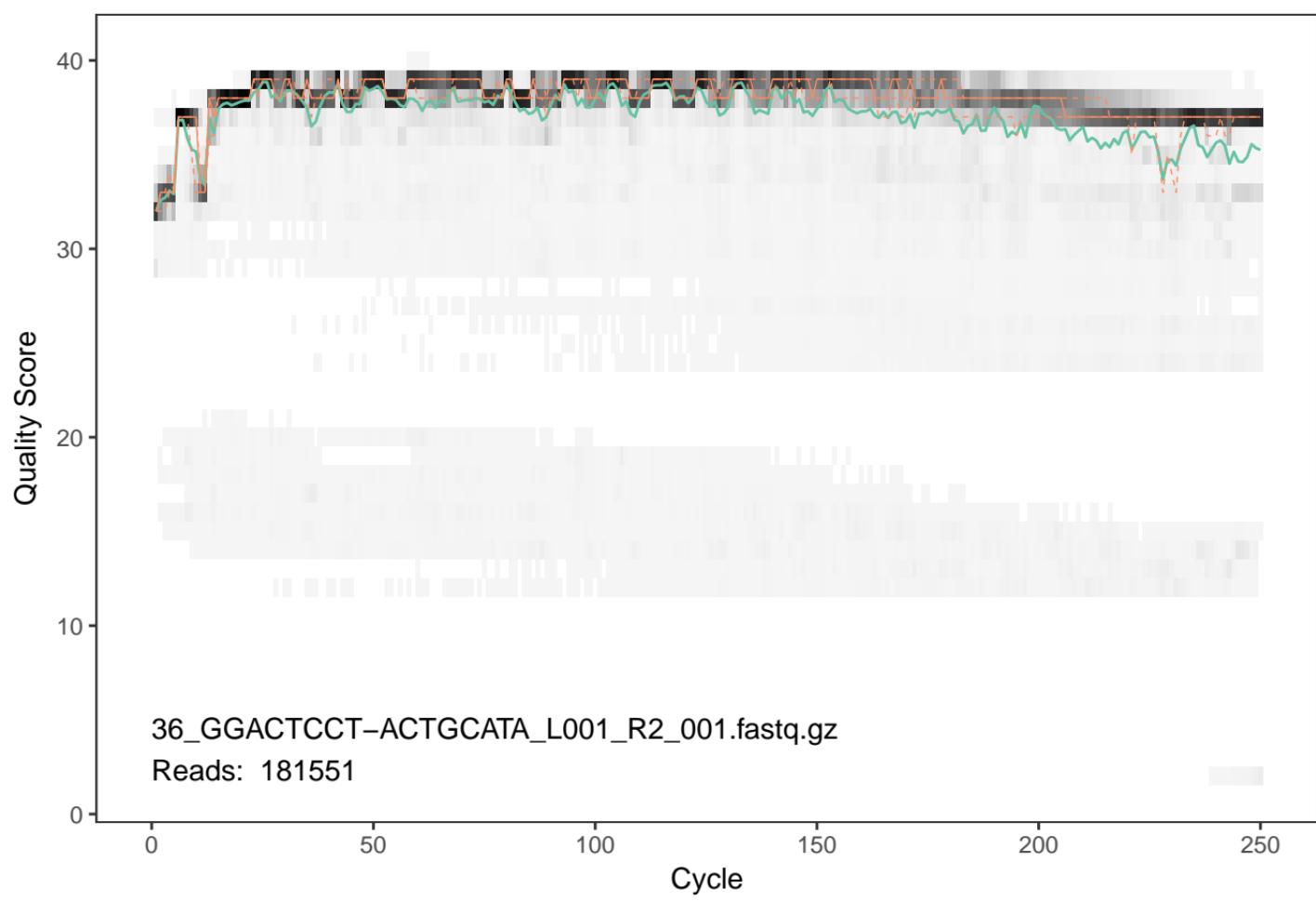
200

250

Cycle

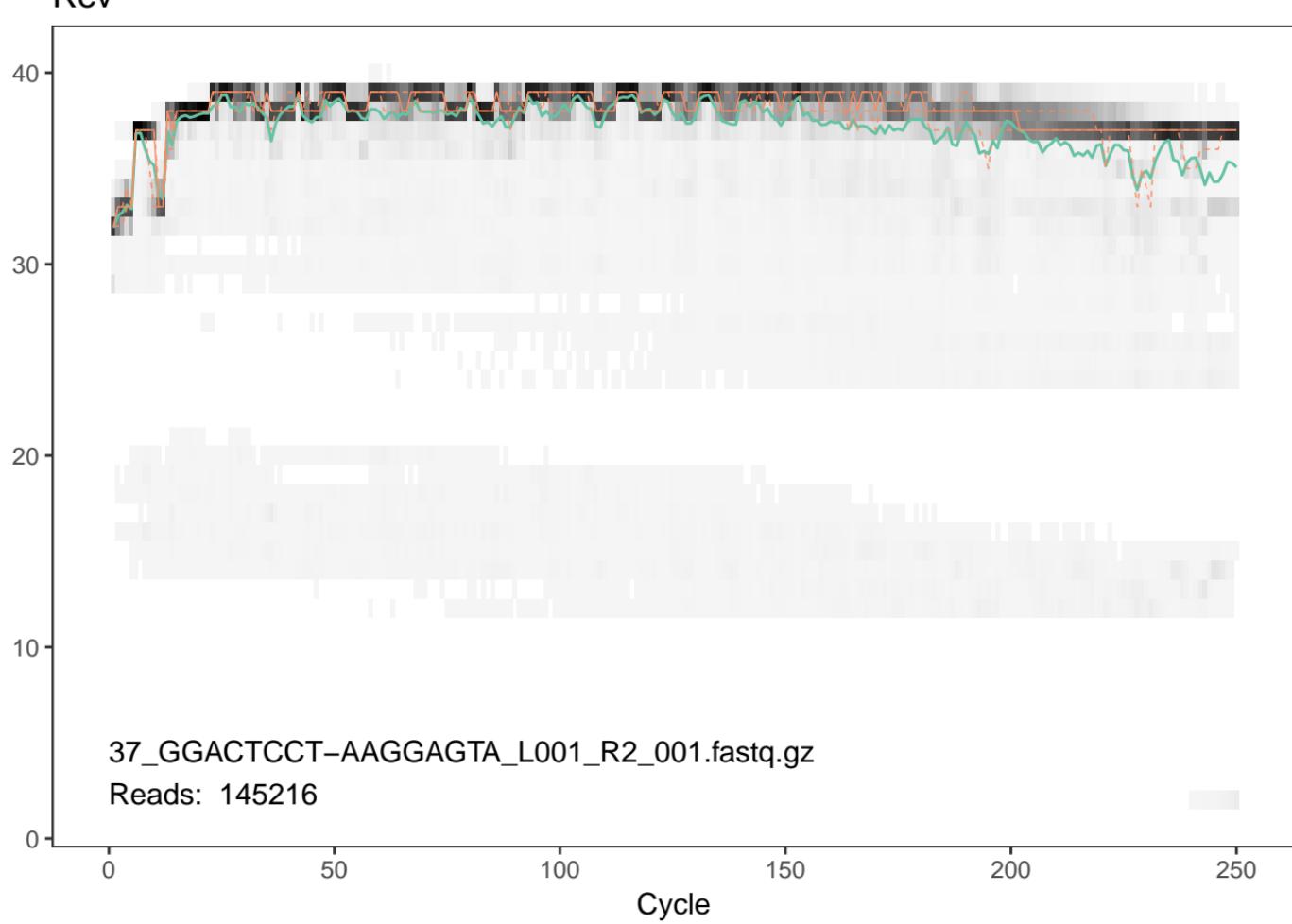
36\_GGACTCCT-ACTGCATA\_L001\_R2\_001.fastq.gz

Reads: 181551



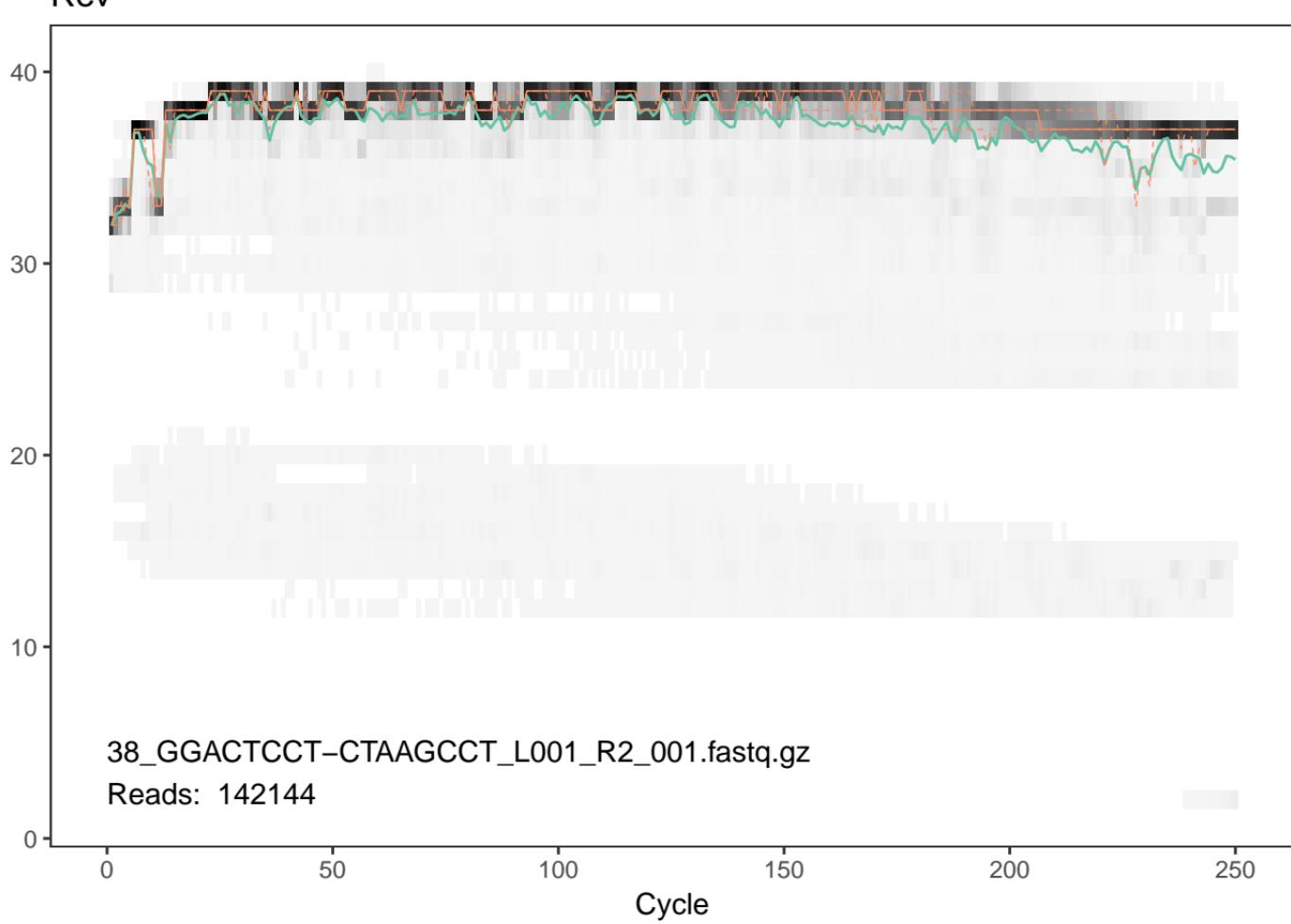
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

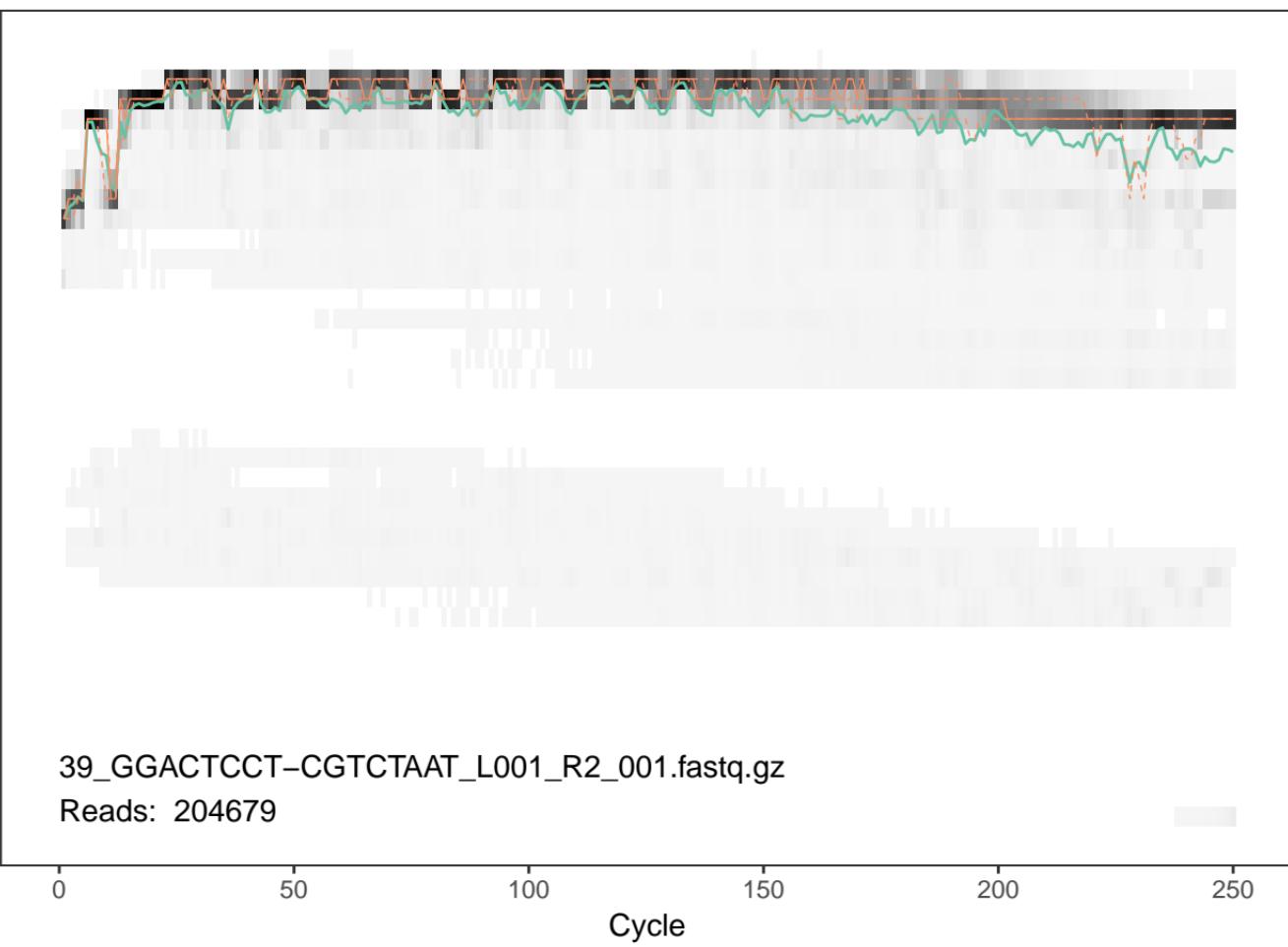
10

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

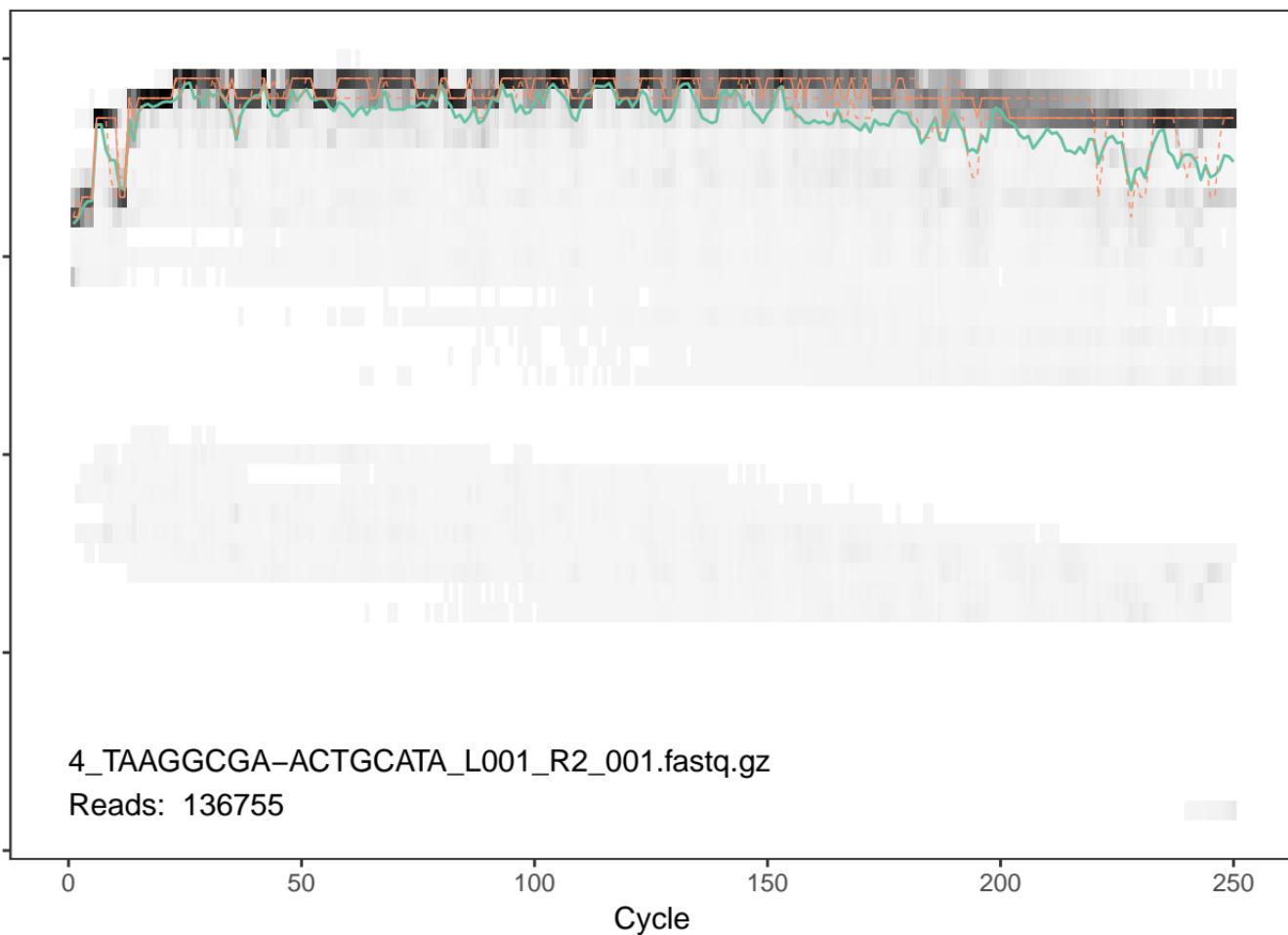
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

10

0

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

Reads: 224933

0

50

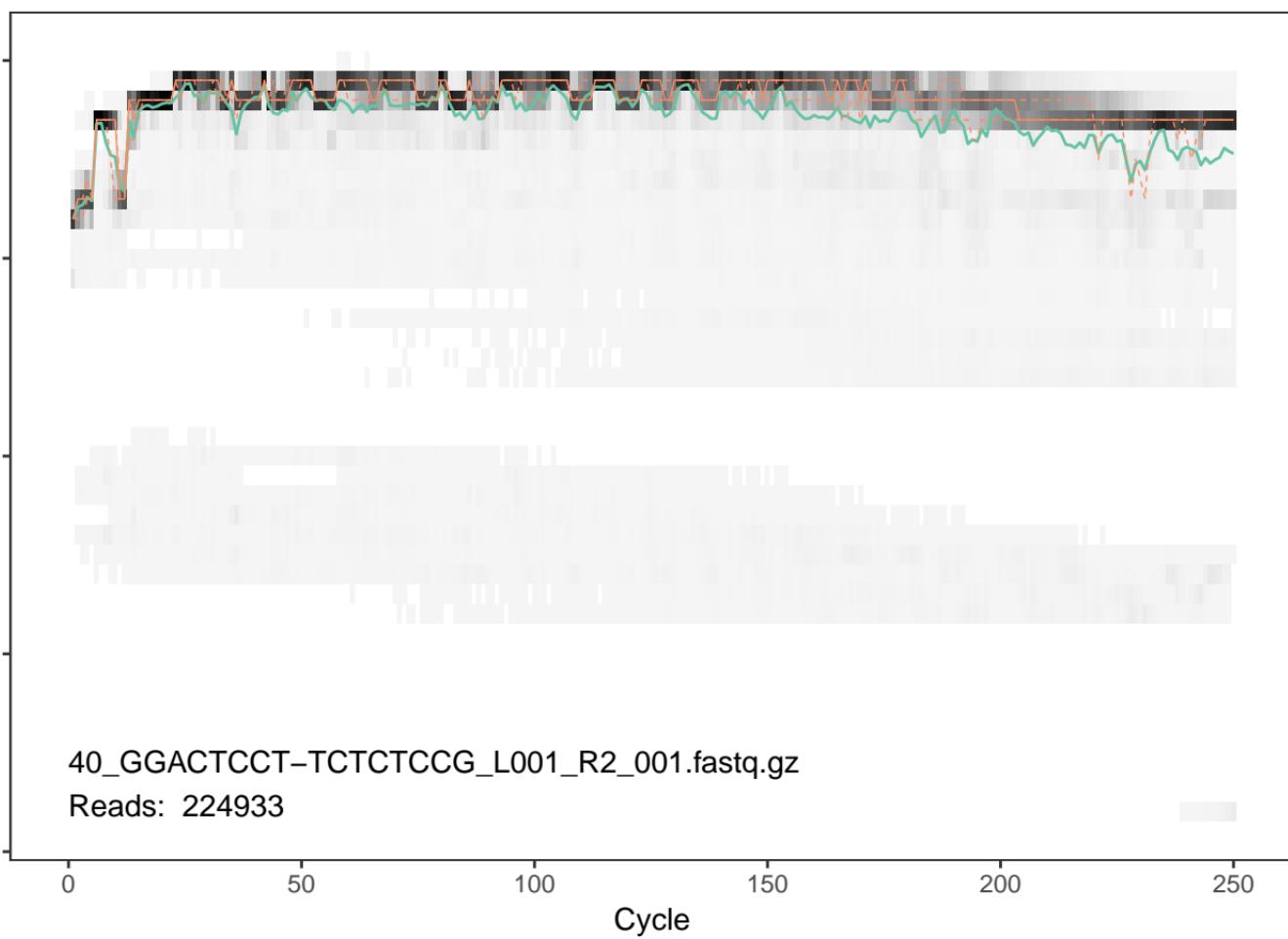
100

150

200

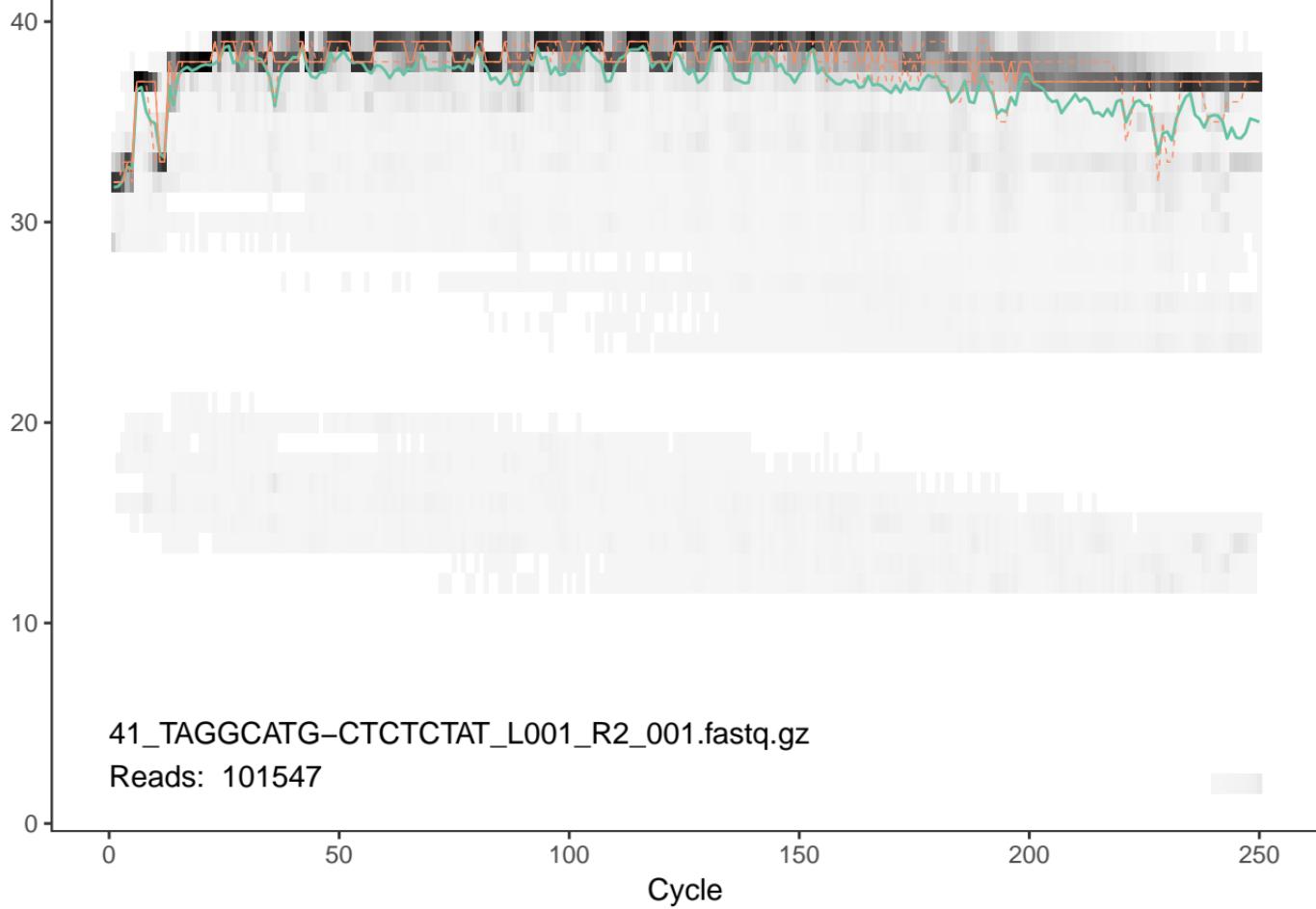
250

Cycle



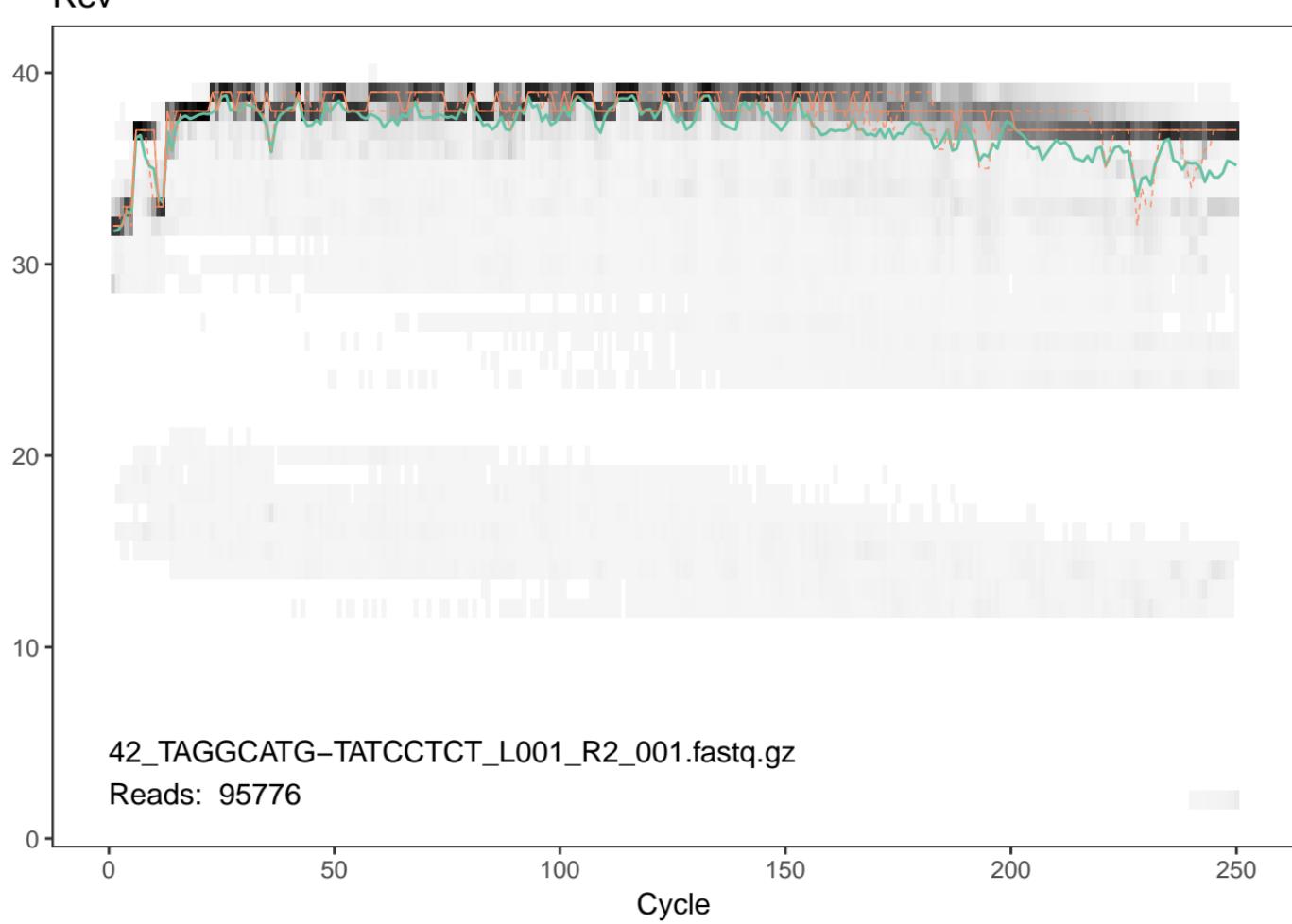
Rev

Quality Score



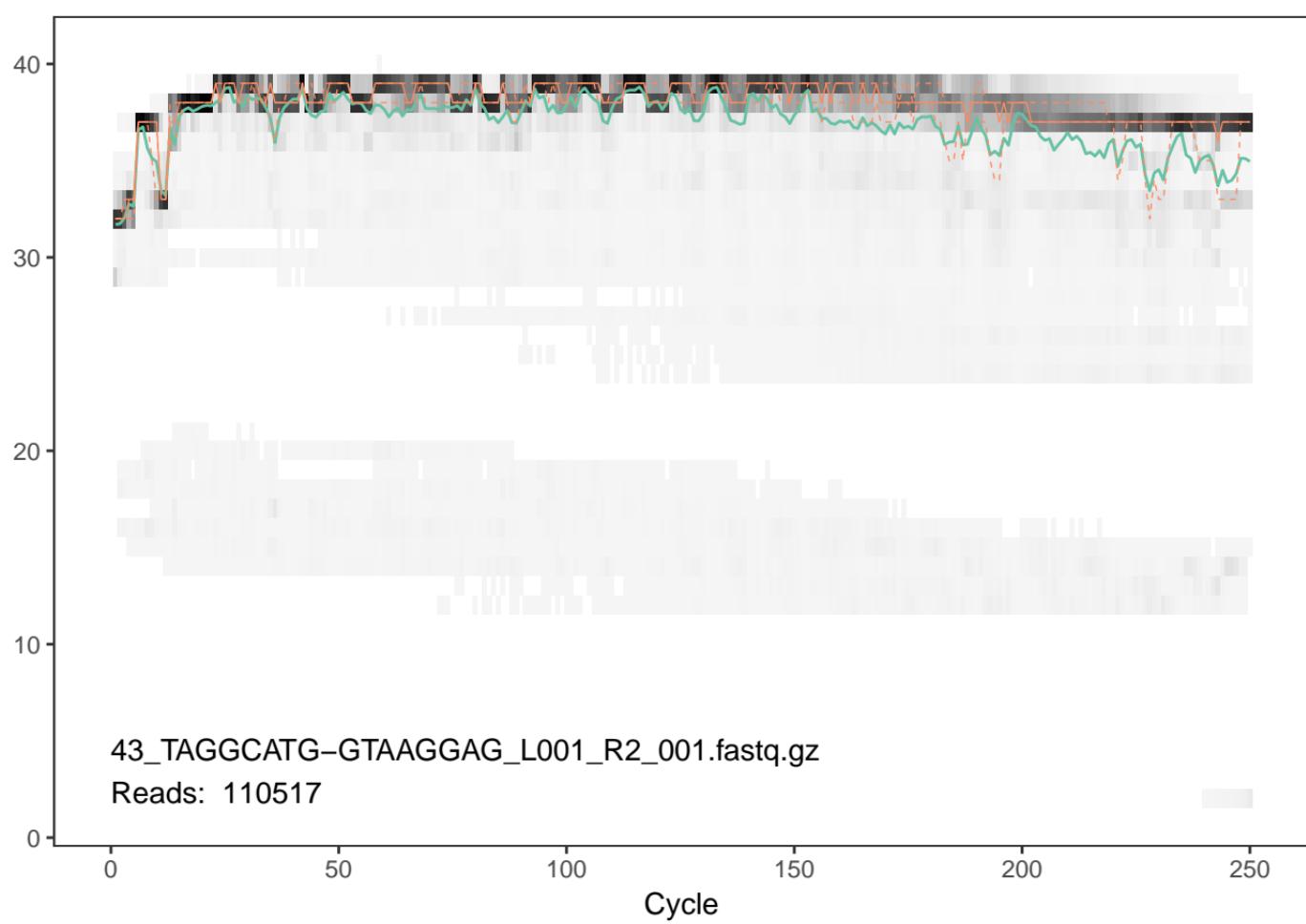
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

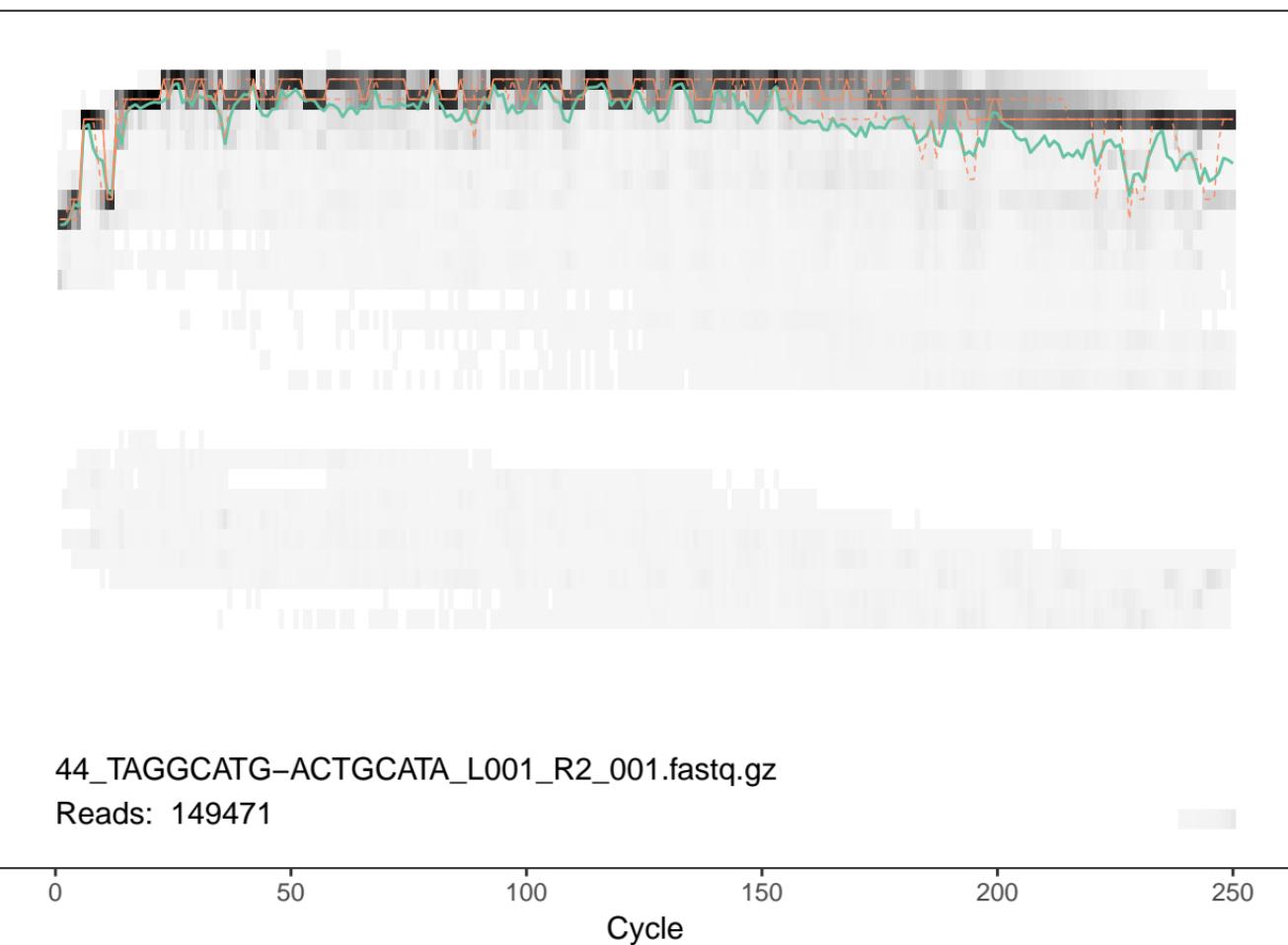
10

0

Cycle

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

Reads: 149471



Rev

Quality Score

40

30

20

10

0

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

Reads: 122345

0

50

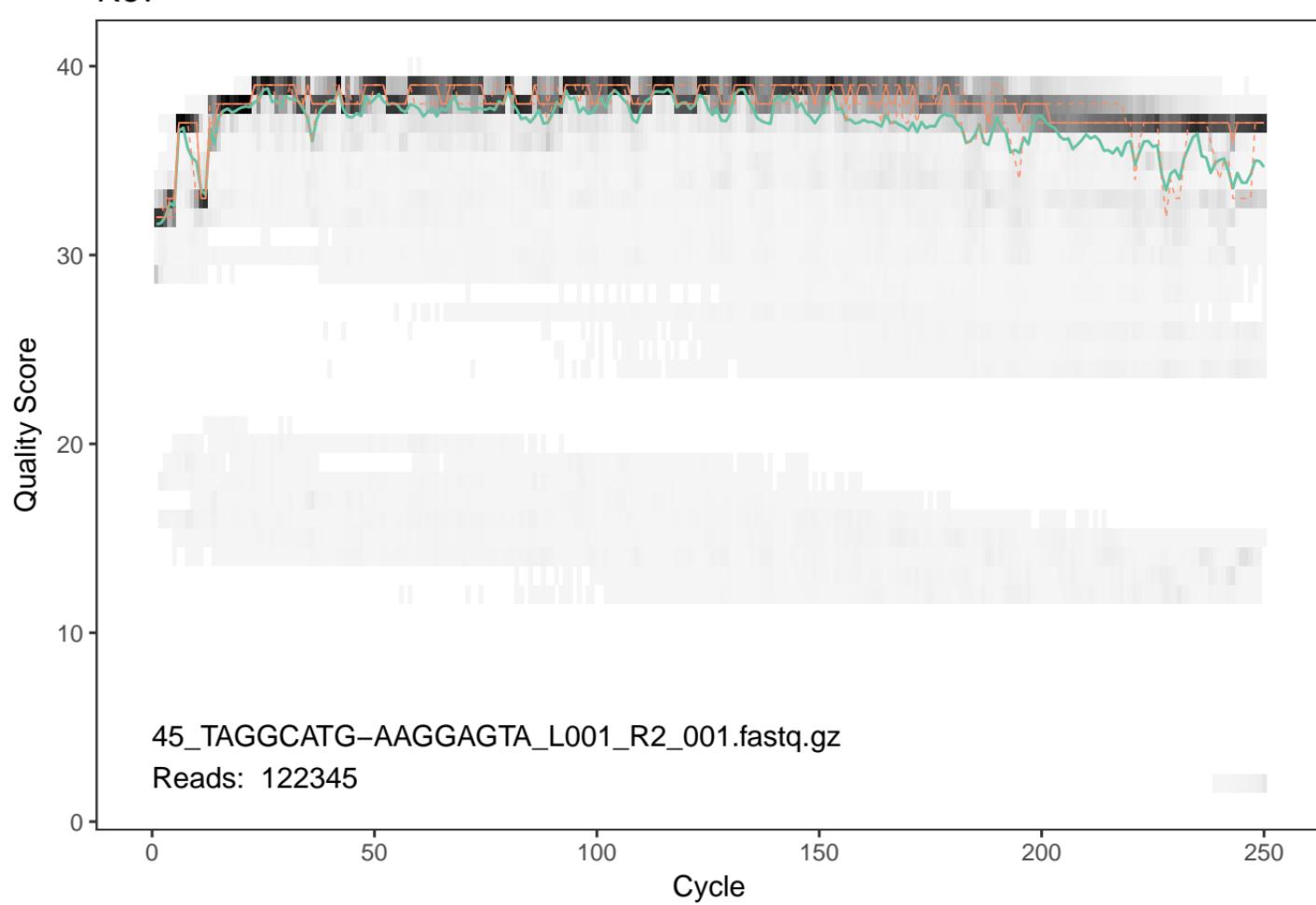
100

150

200

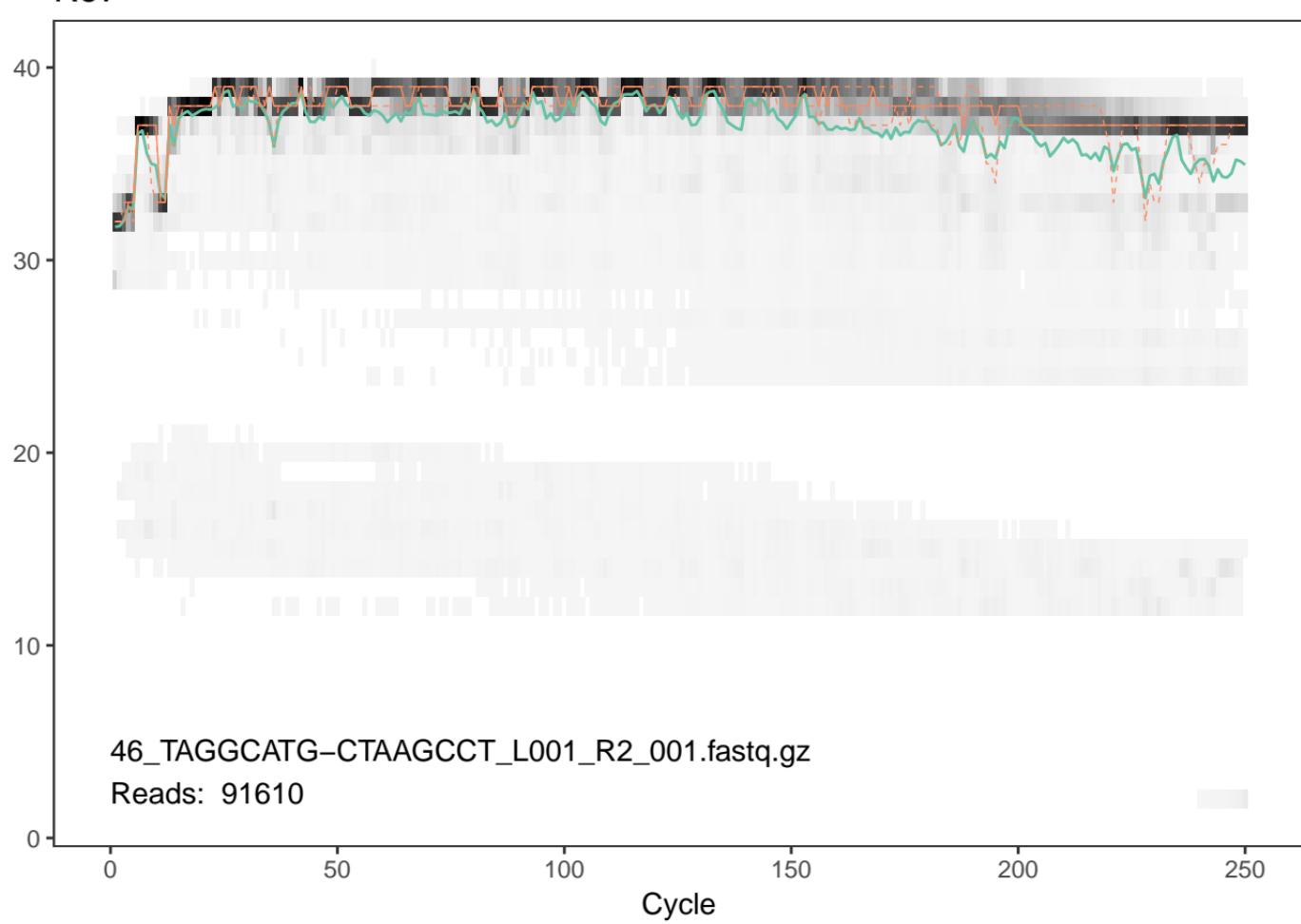
250

Cycle



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

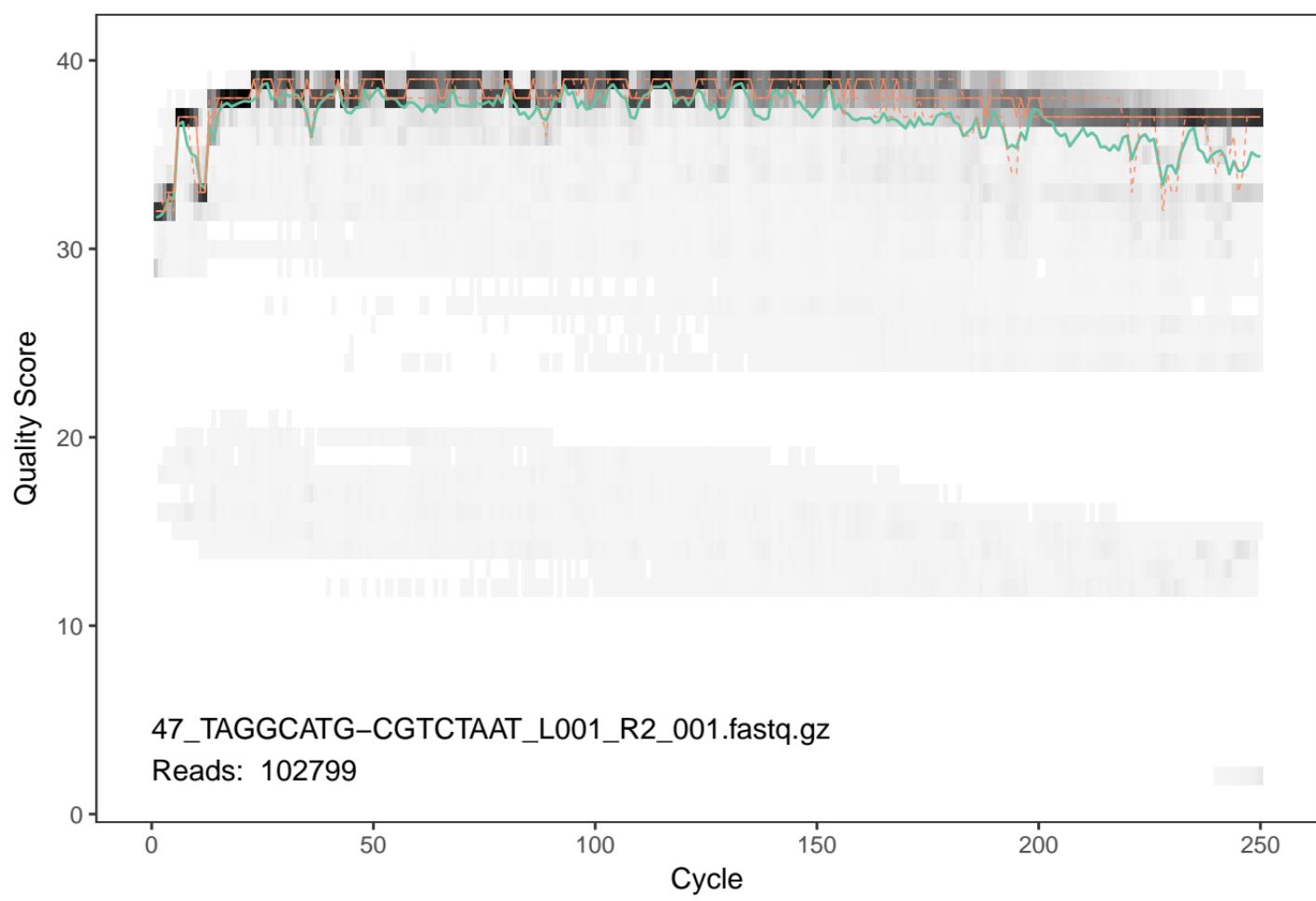
200

250

Cycle

47\_TAGGCATG-CGTCTAAT\_L001\_R2\_001.fastq.gz

Reads: 102799



Rev

Quality Score

40

30

20

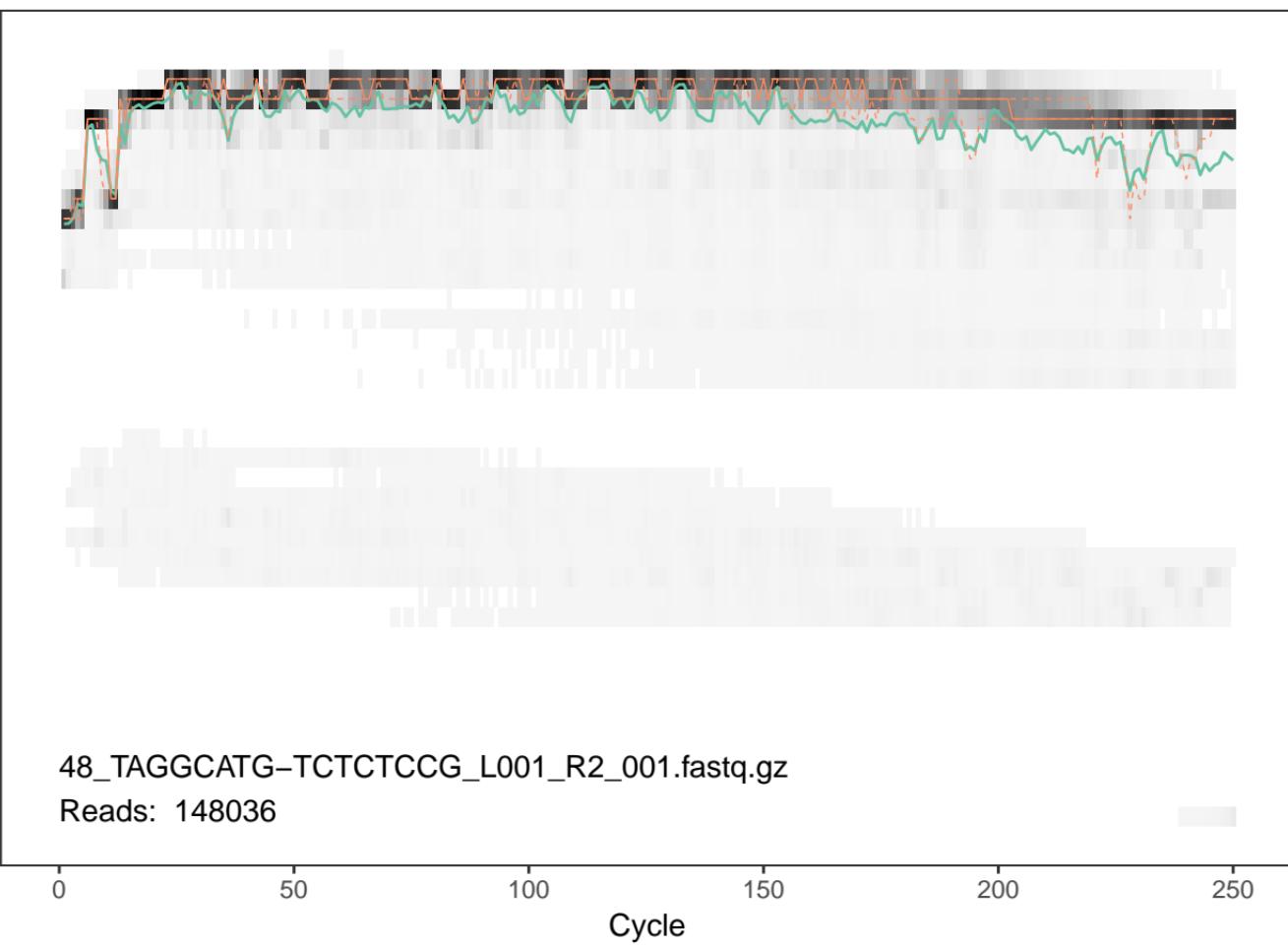
10

0

Cycle

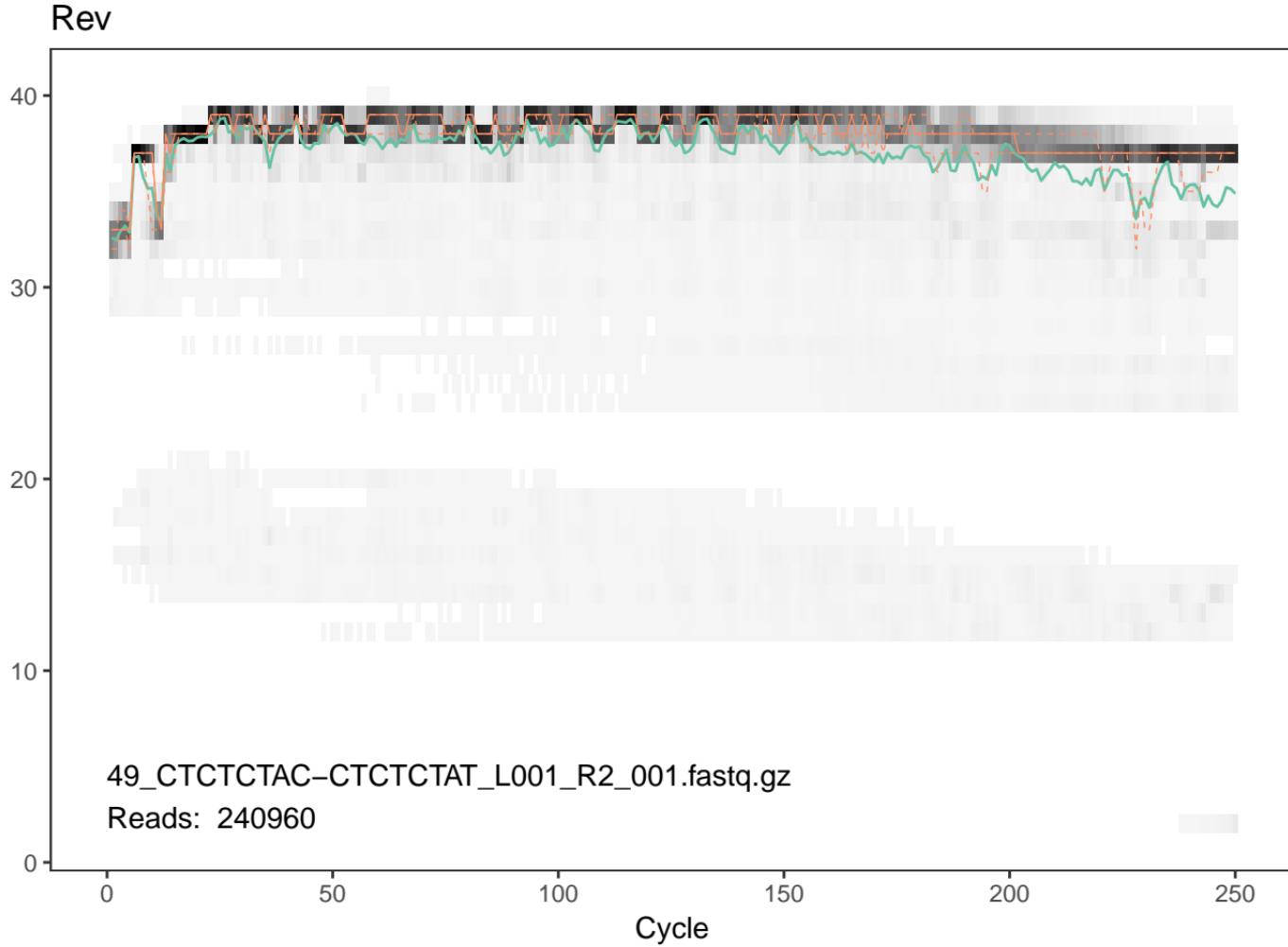
48\_TAGGCATG-TCTCTCCG\_L001\_R2\_001.fastq.gz

Reads: 148036



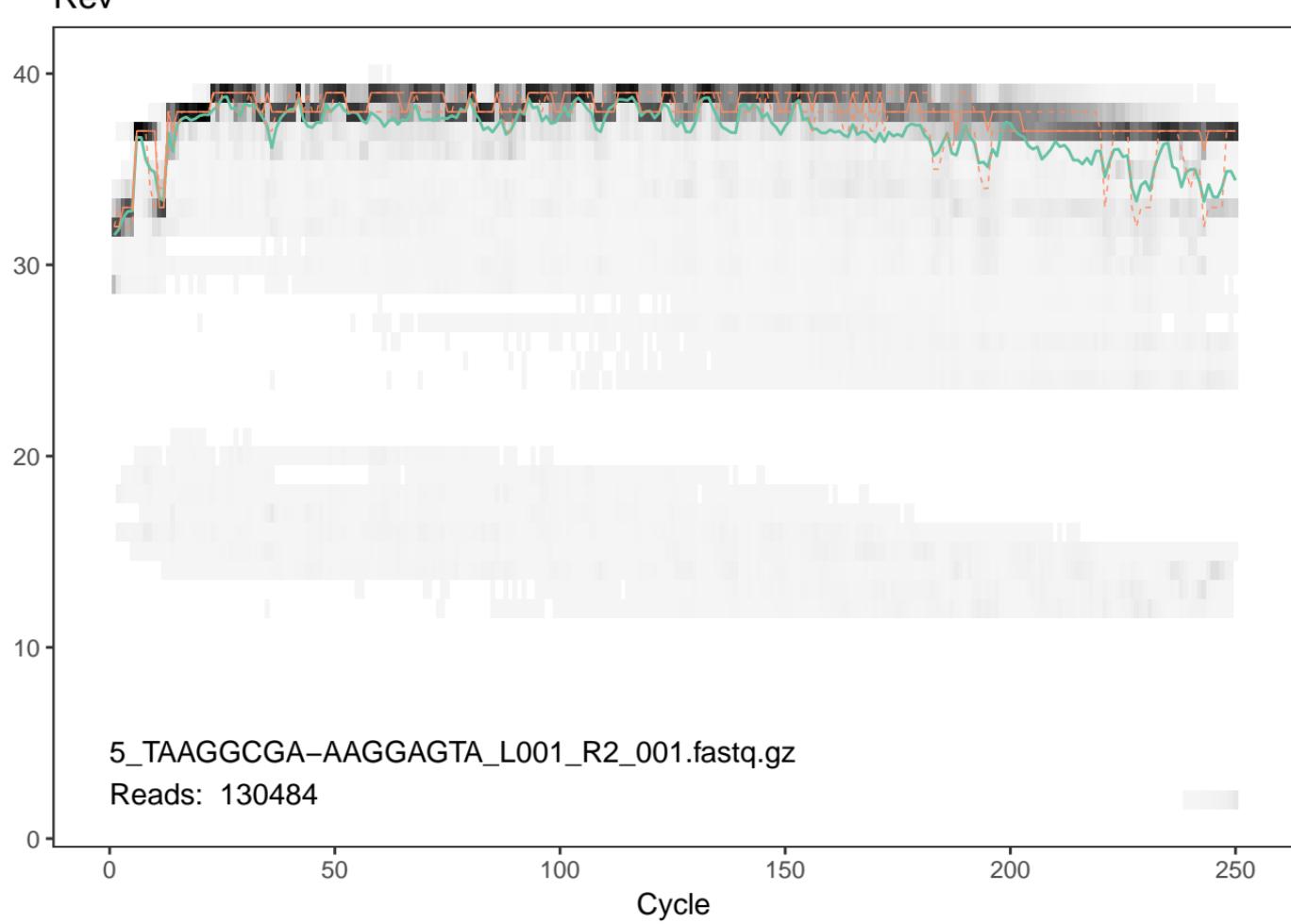
Rev

Quality Score



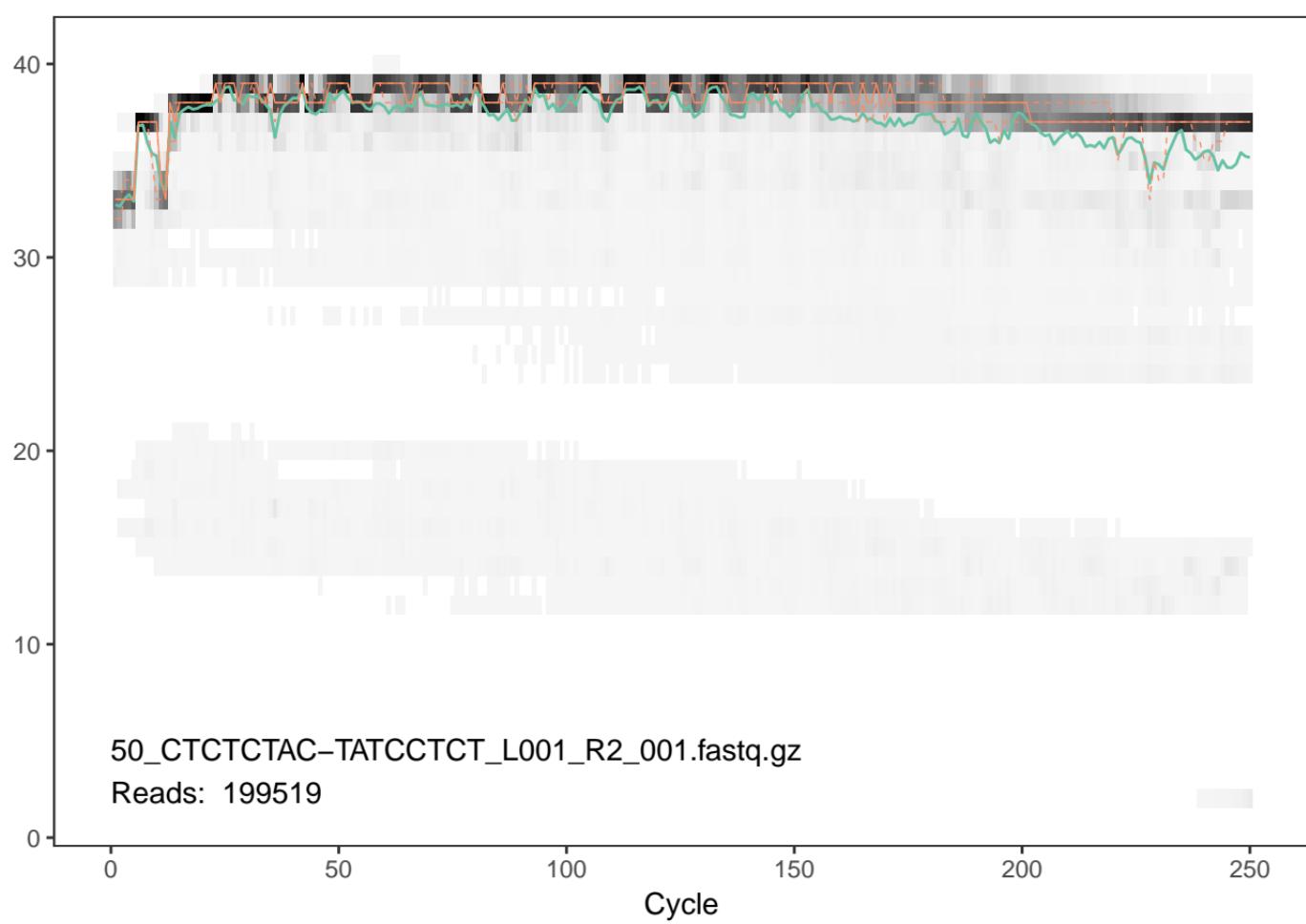
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

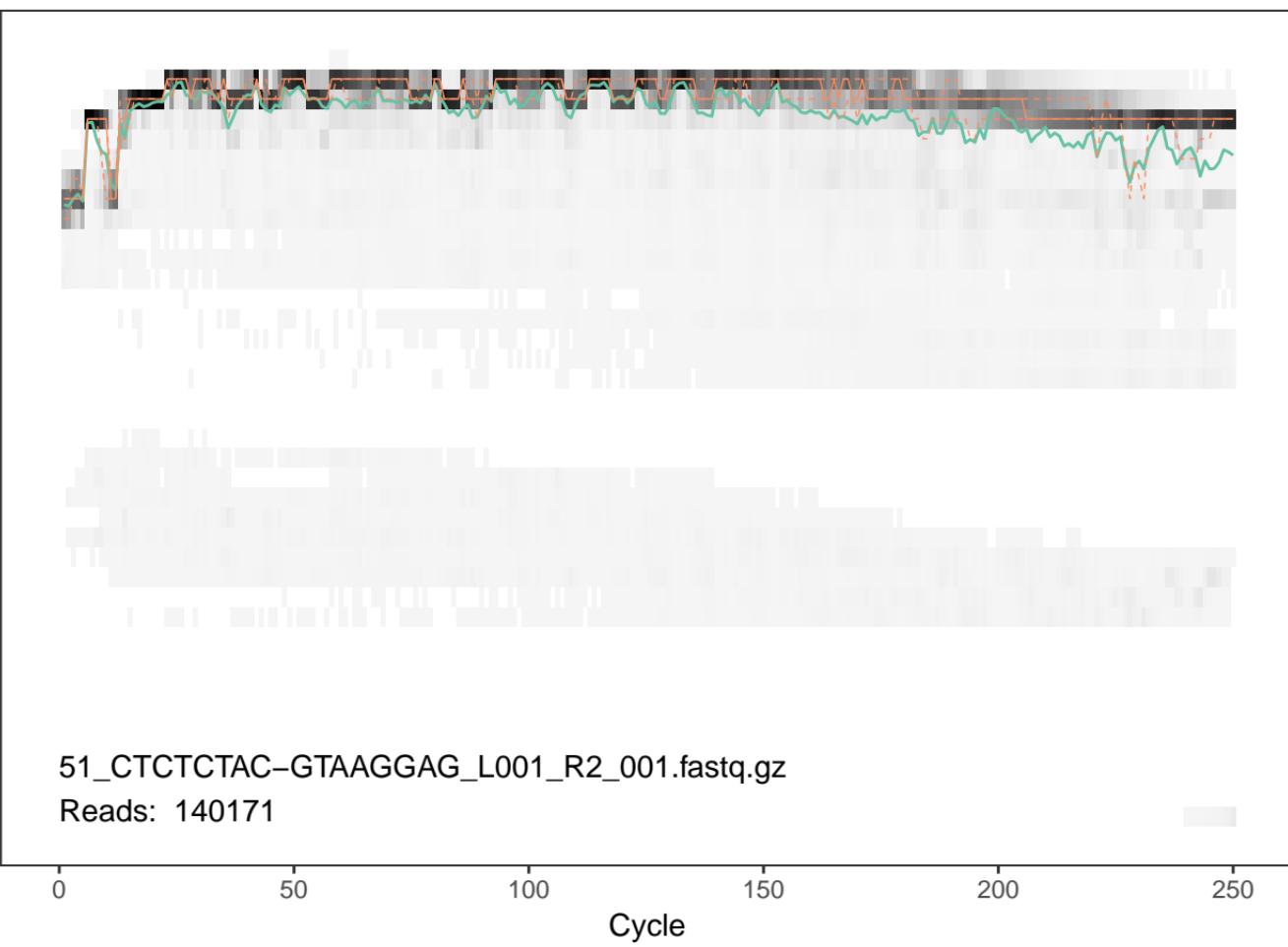
10

0

Cycle

51\_CTCTCTAC-GTAAGGAG\_L001\_R2\_001.fastq.gz

Reads: 140171



Rev

Quality Score

40

30

20

10

0

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

Reads: 182926

0

50

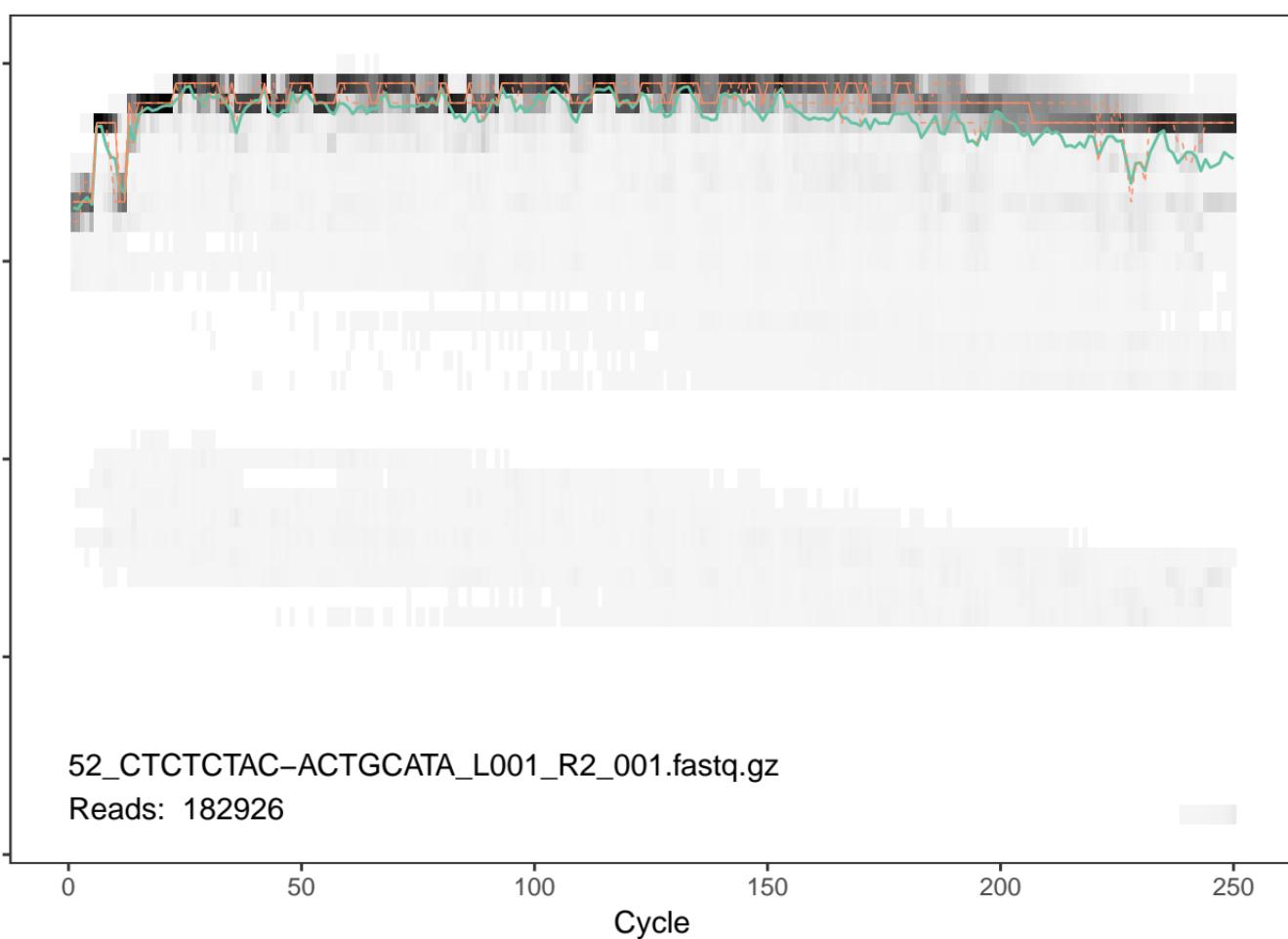
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

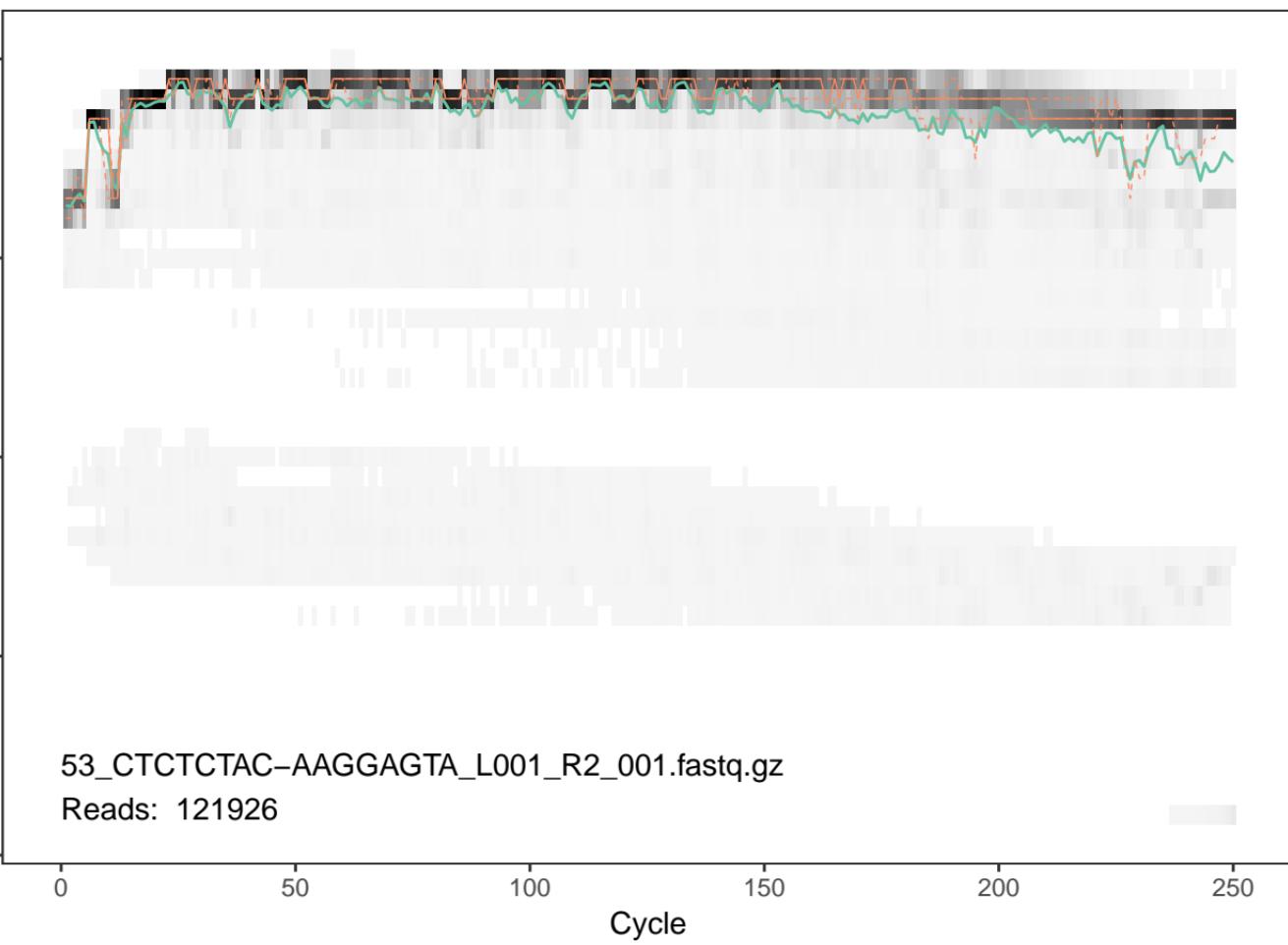
10

0

Cycle

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

Reads: 121926



Rev

Quality Score

40

30

20

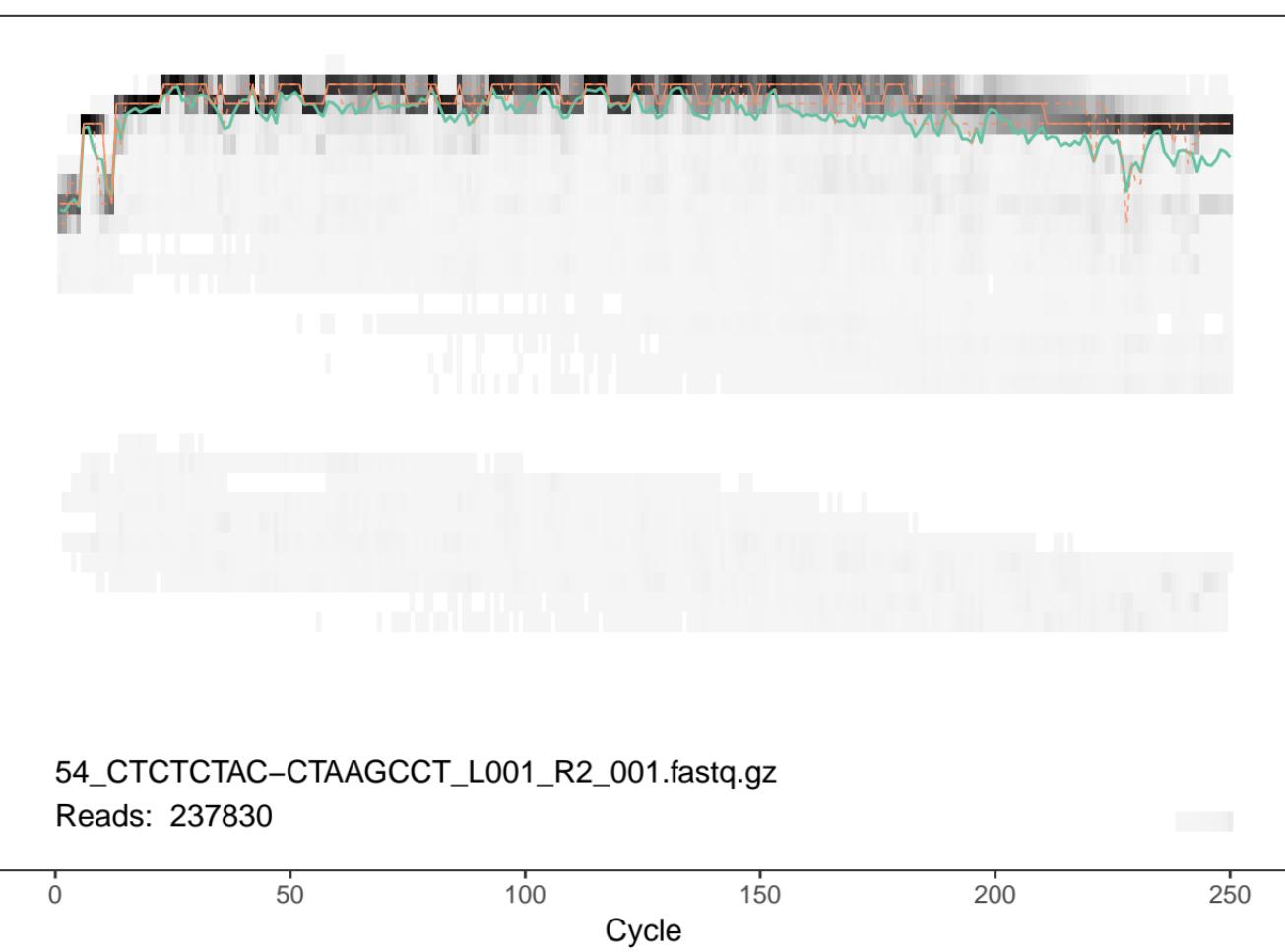
10

0

Cycle

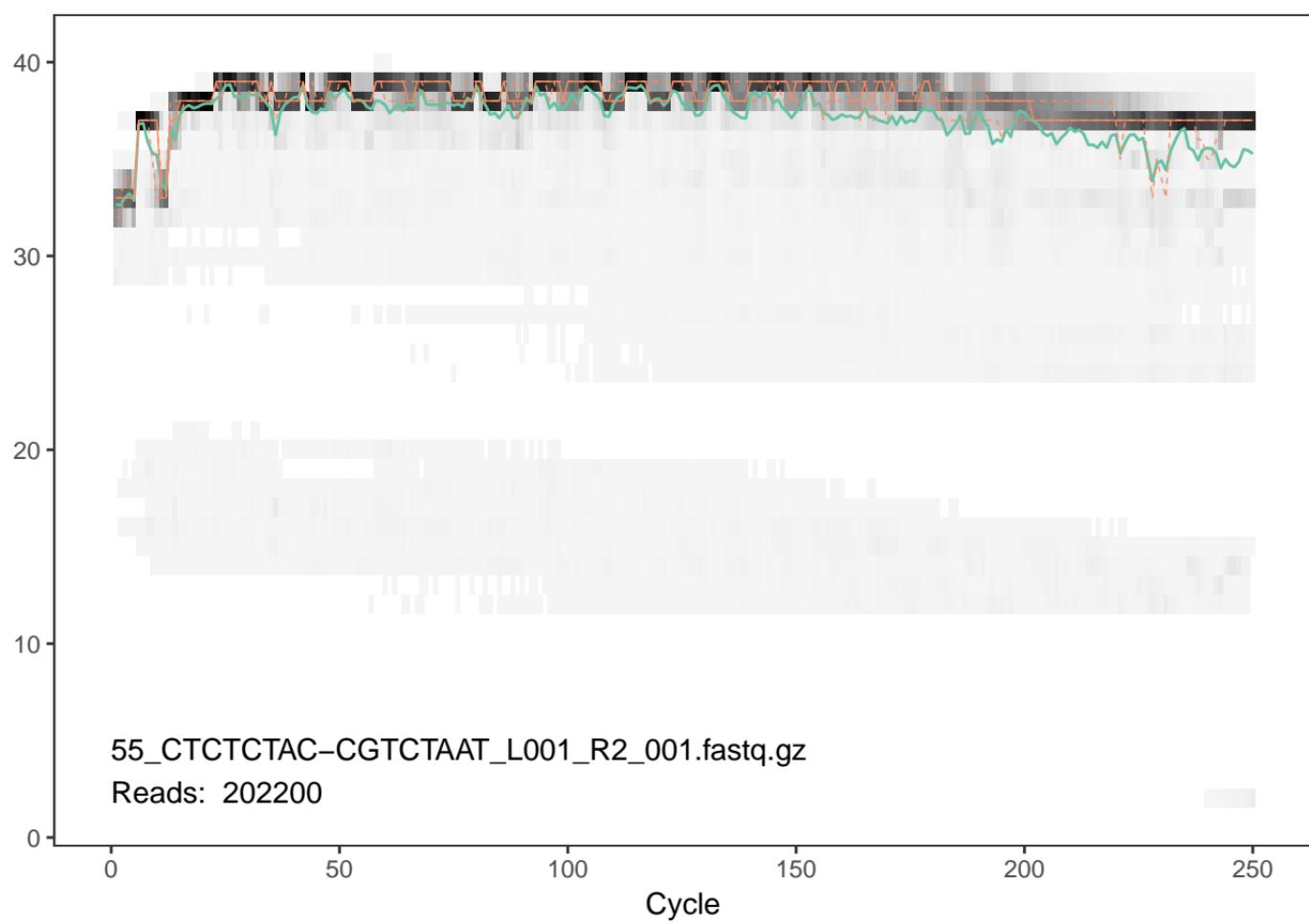
54\_CTCTCTAC-CTAAGCCT\_L001\_R2\_001.fastq.gz

Reads: 237830



Rev

Quality Score



Rev

Quality Score

40

30

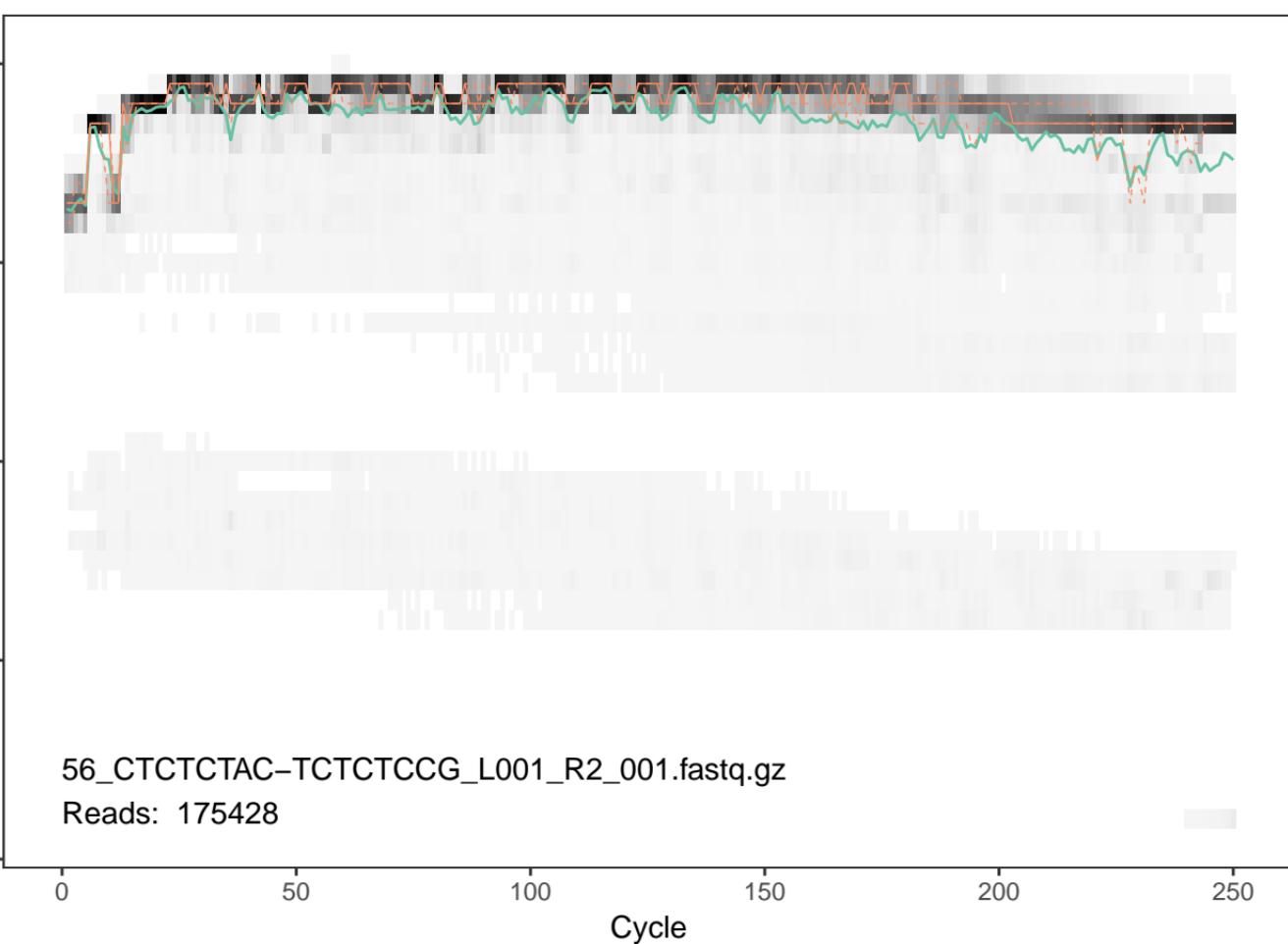
20

10

0

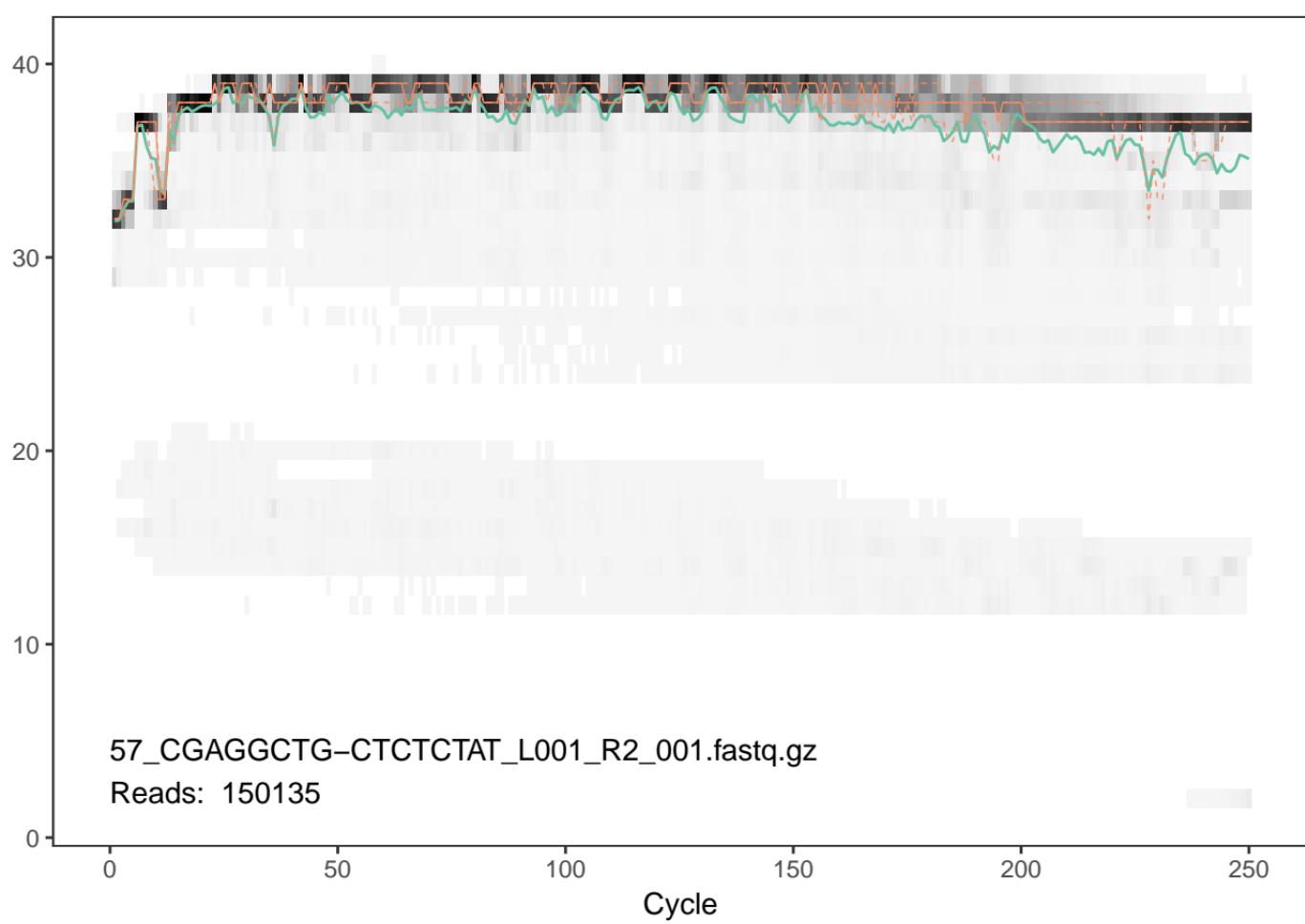
Cycle

56\_C TCTCTAC-TCTCTCCG\_L001\_R2\_001.fastq.gz  
Reads: 175428



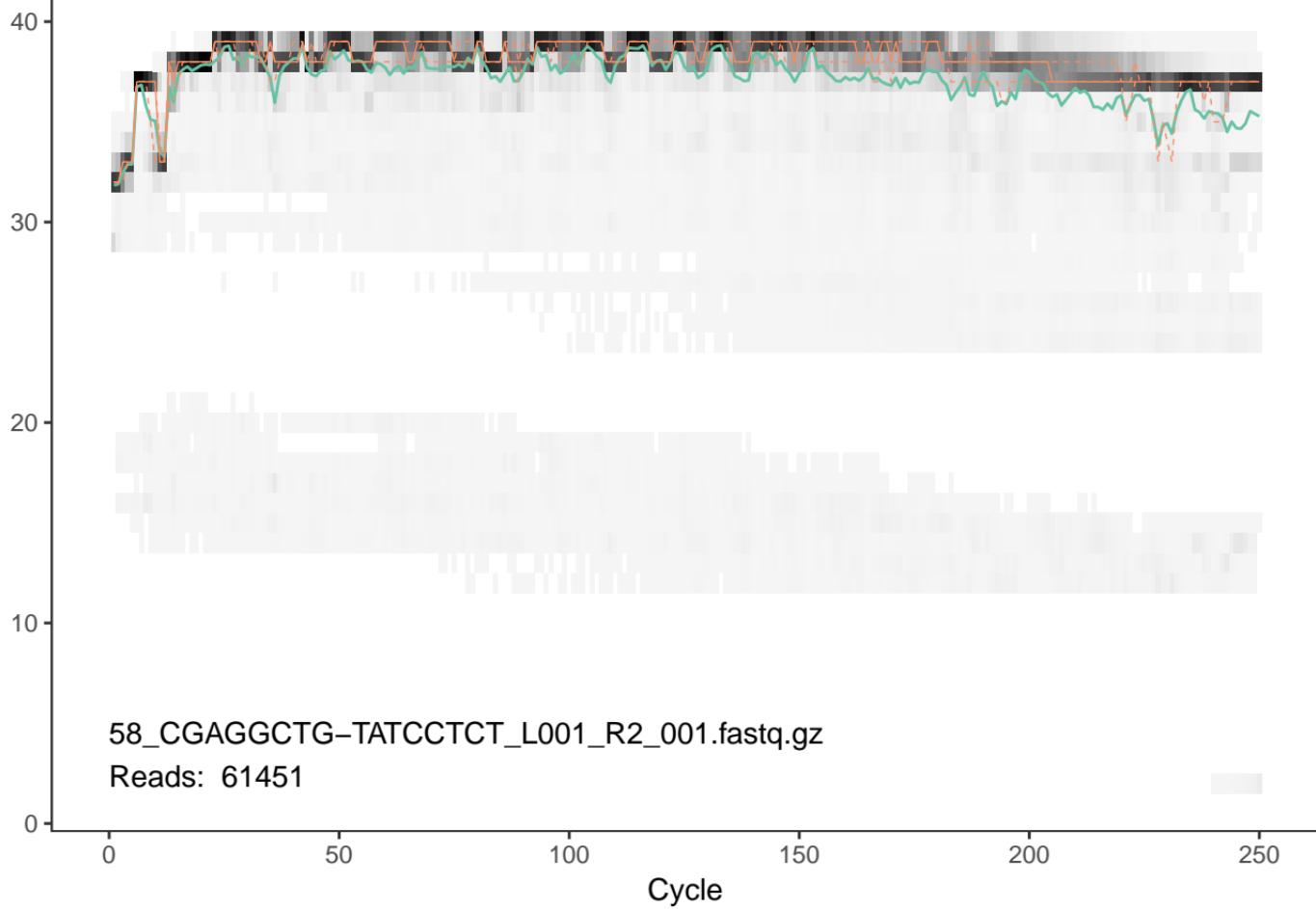
Rev

Quality Score



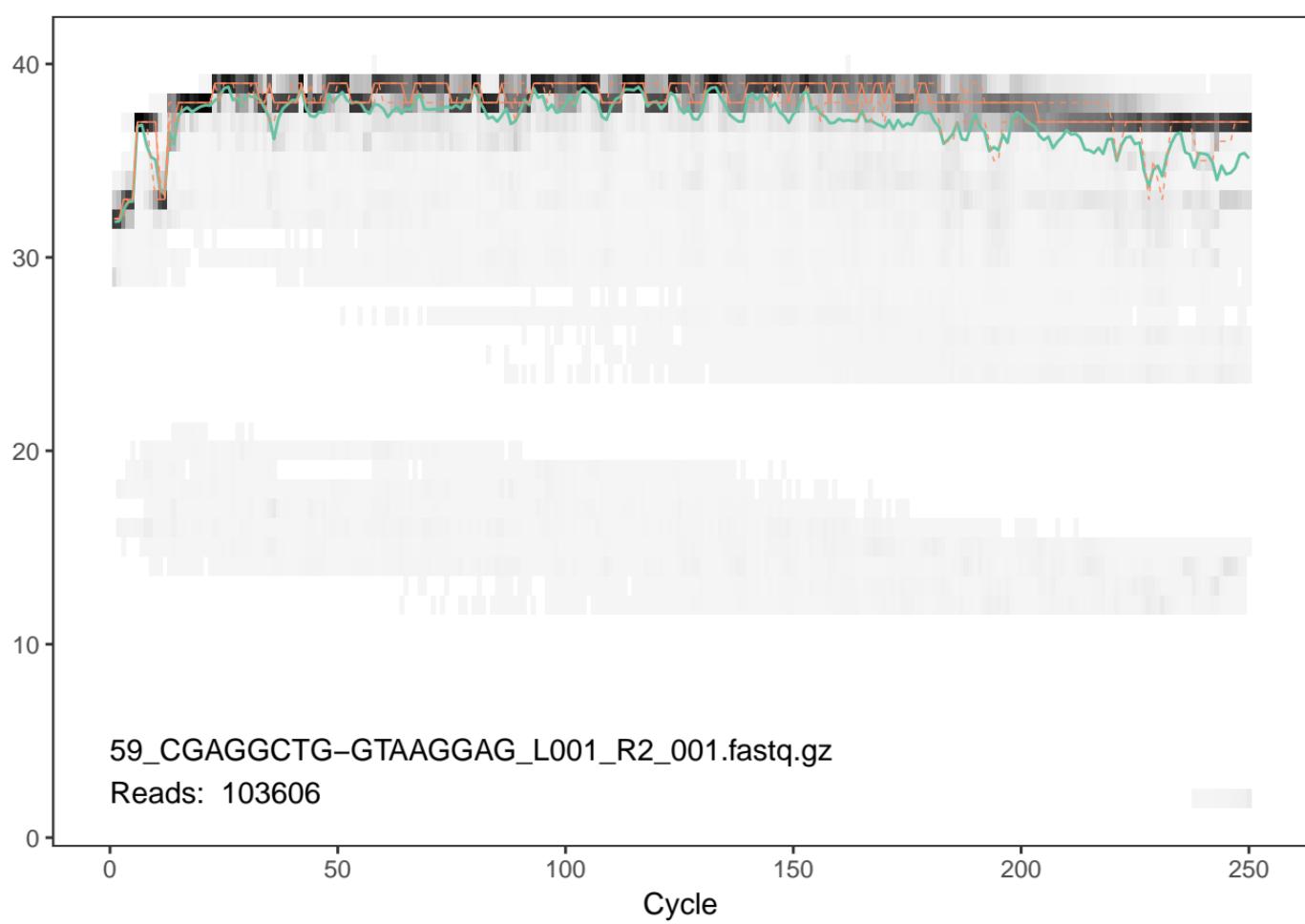
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

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

Reads: 113704

0

50

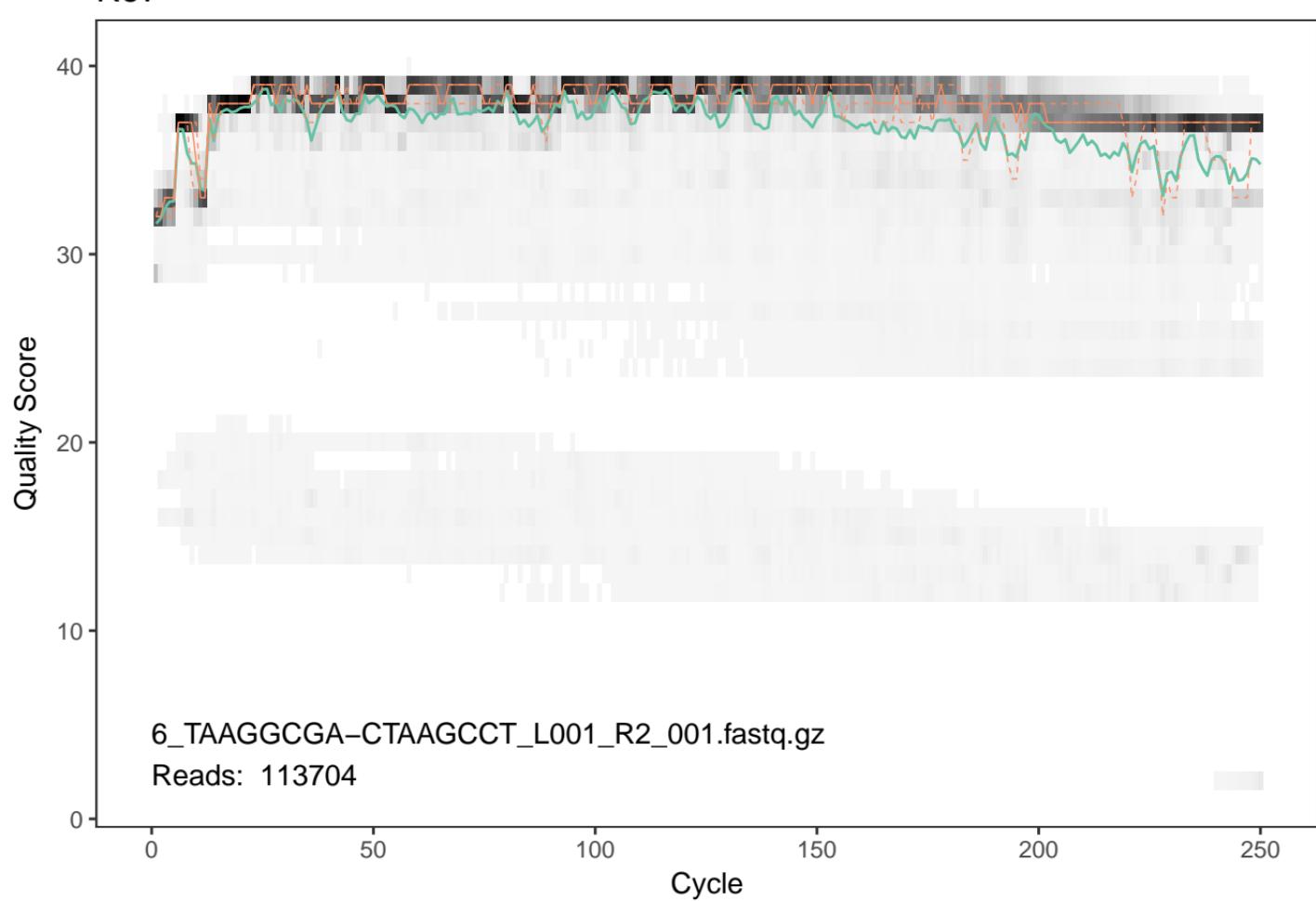
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

10

0

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

Reads: 145972

0

50

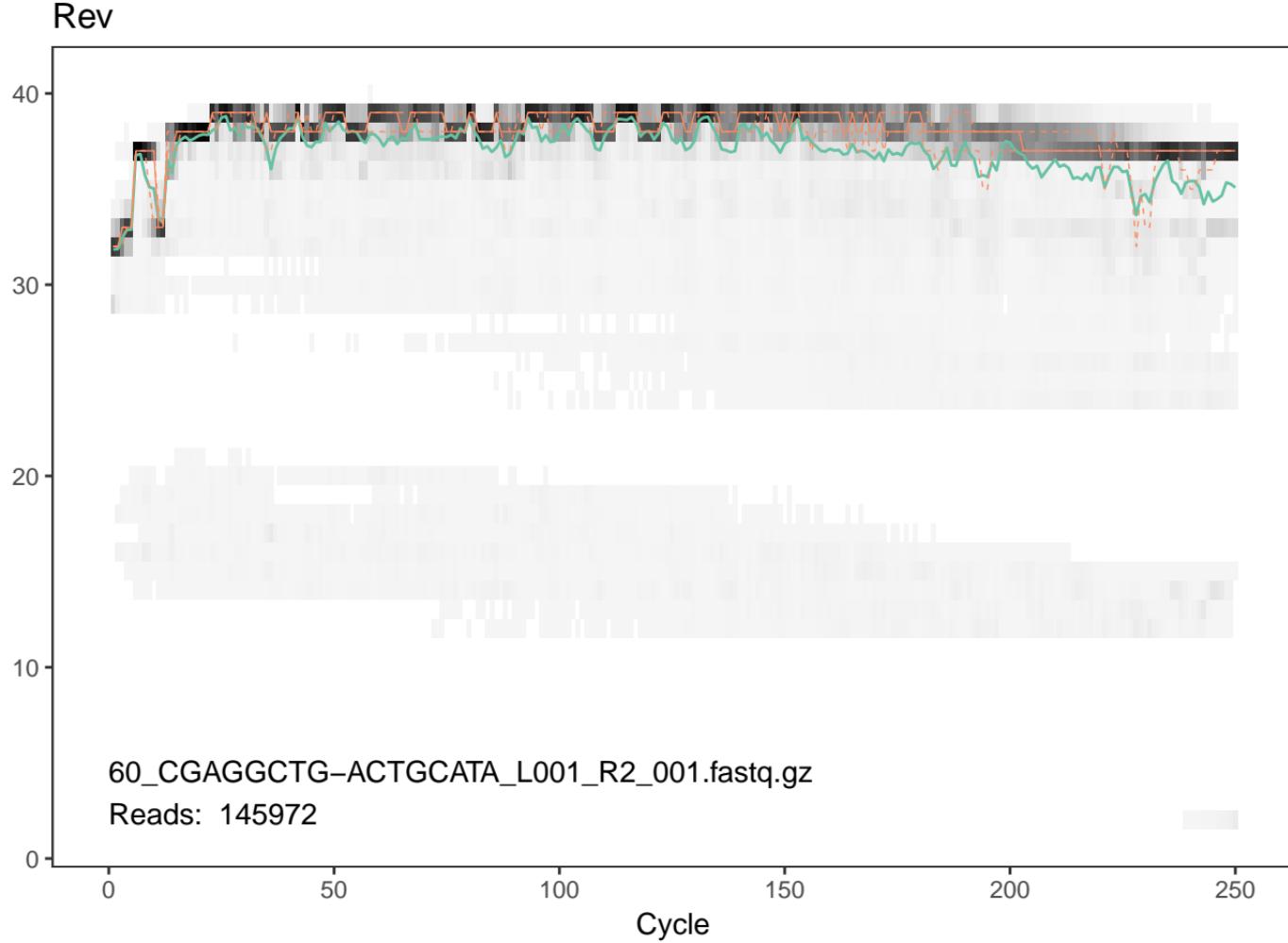
100

150

200

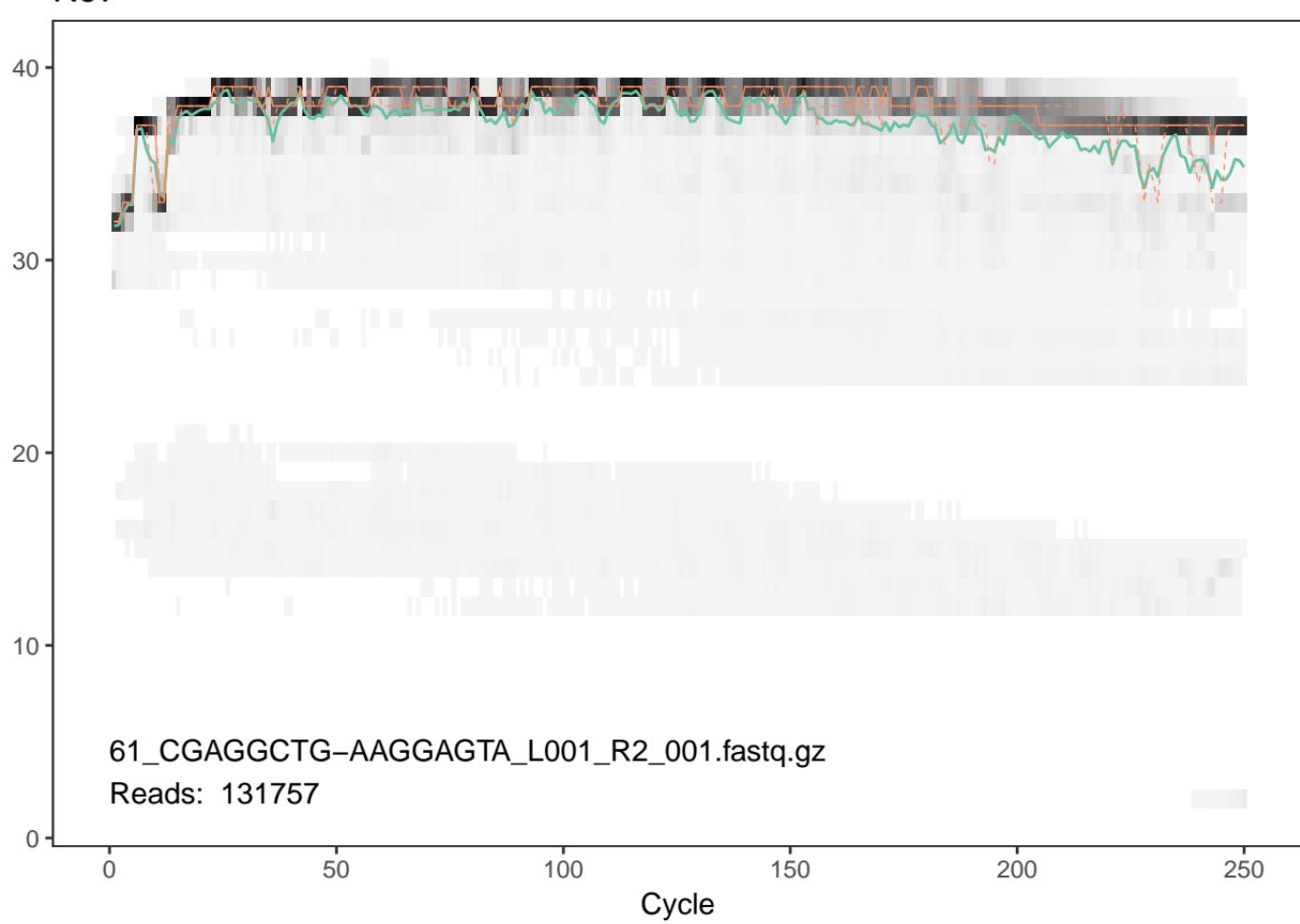
250

Cycle



Rev

Quality Score



Rev

Quality Score

40

30

20

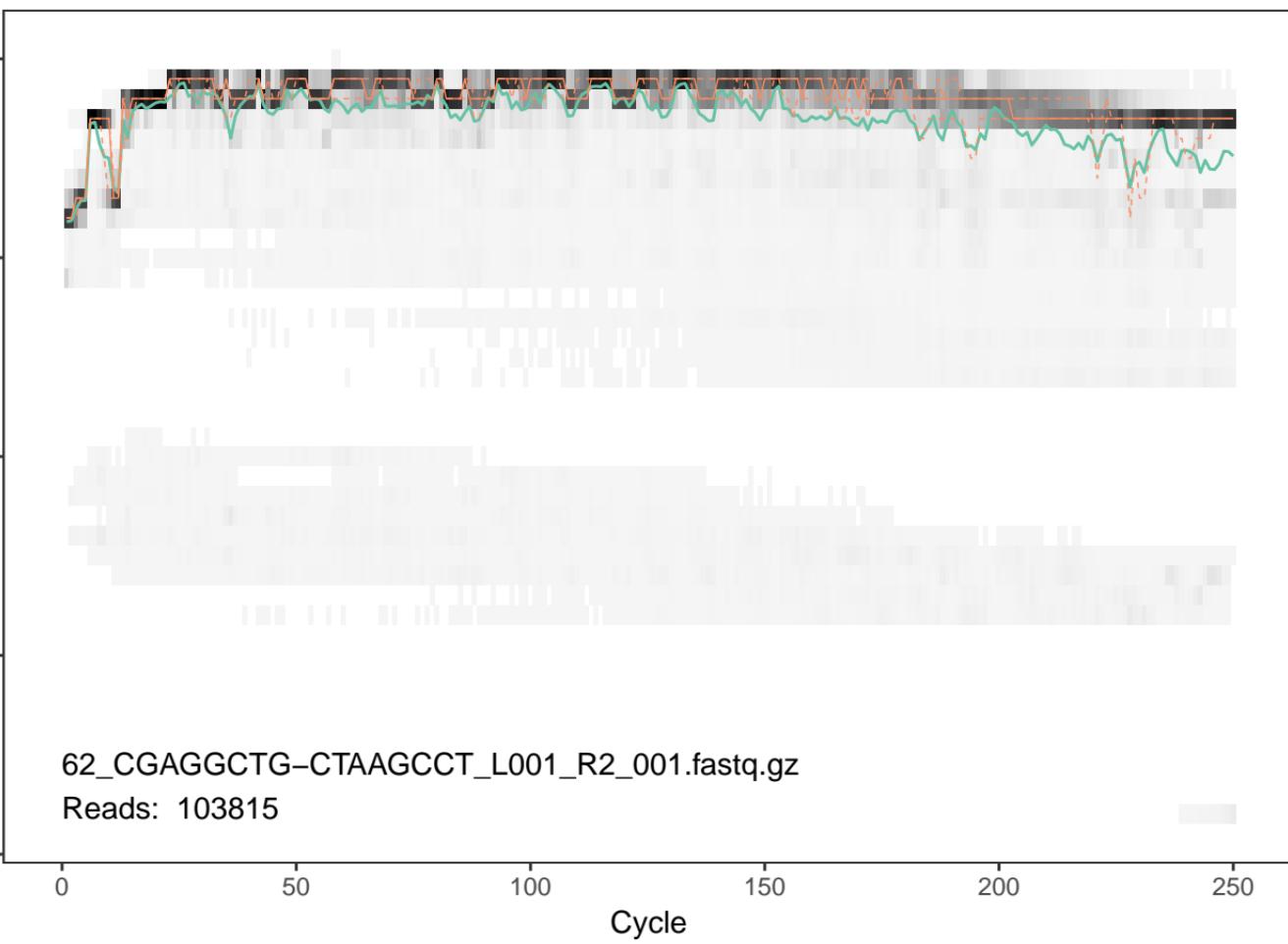
10

0

Cycle

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

Reads: 103815



Rev

Quality Score

40

30

20

10

0

50

100

150

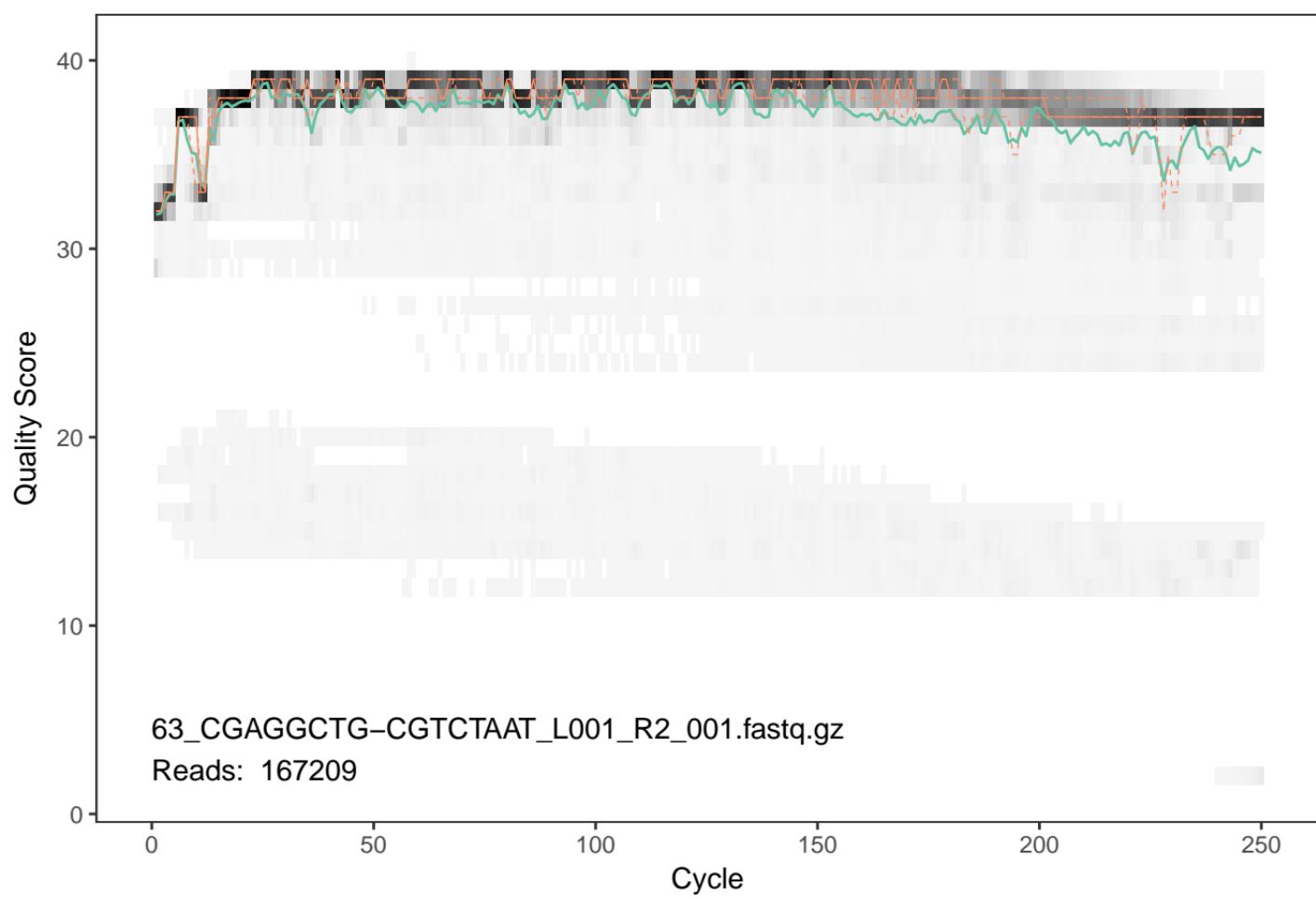
200

250

Cycle

63\_CGAGGCTG-CGTCTAAT\_L001\_R2\_001.fastq.gz

Reads: 167209



Rev

Quality Score

40

30

20

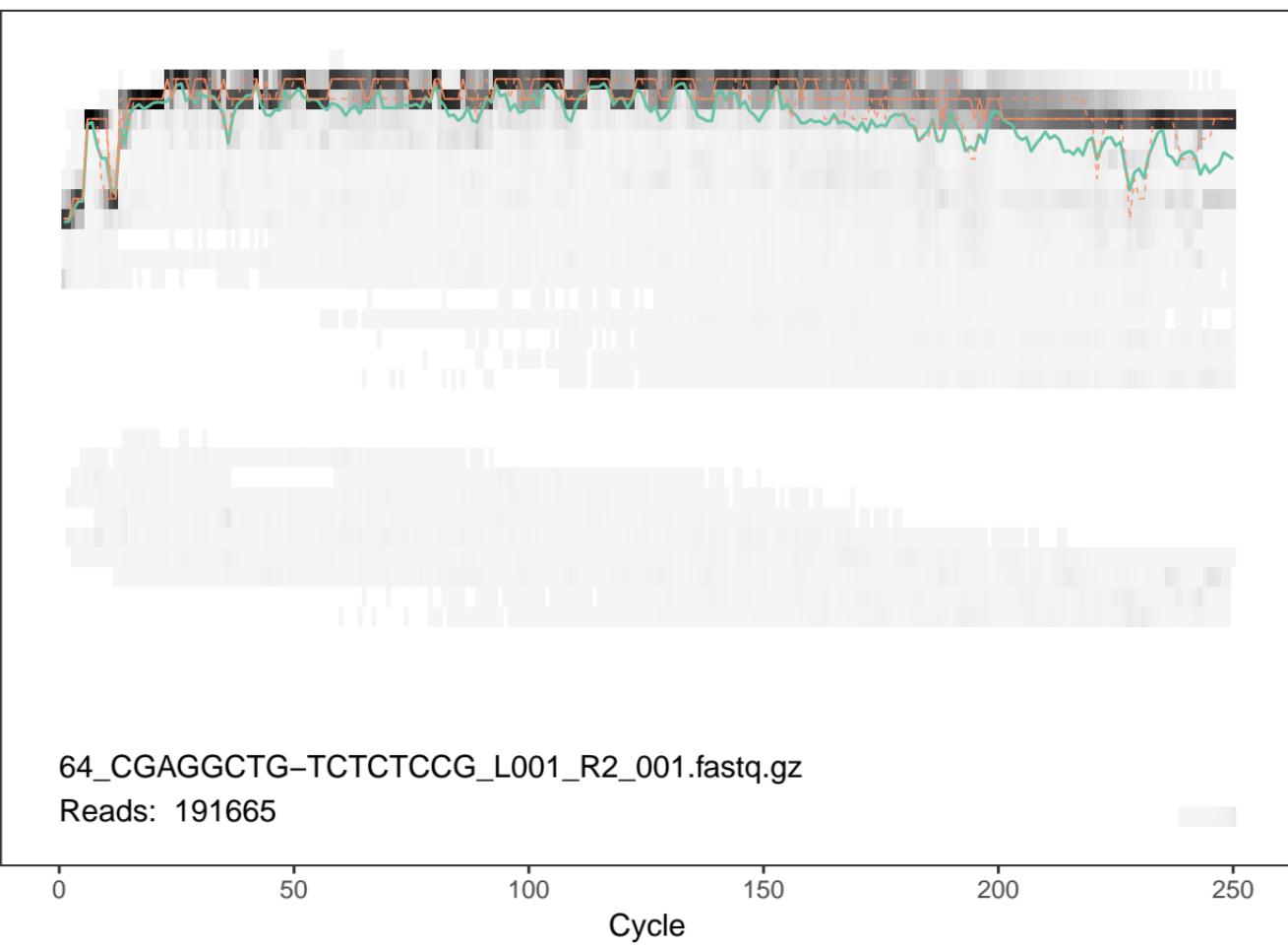
10

0

Cycle

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

Reads: 191665



Rev

Quality Score

40

30

20

10

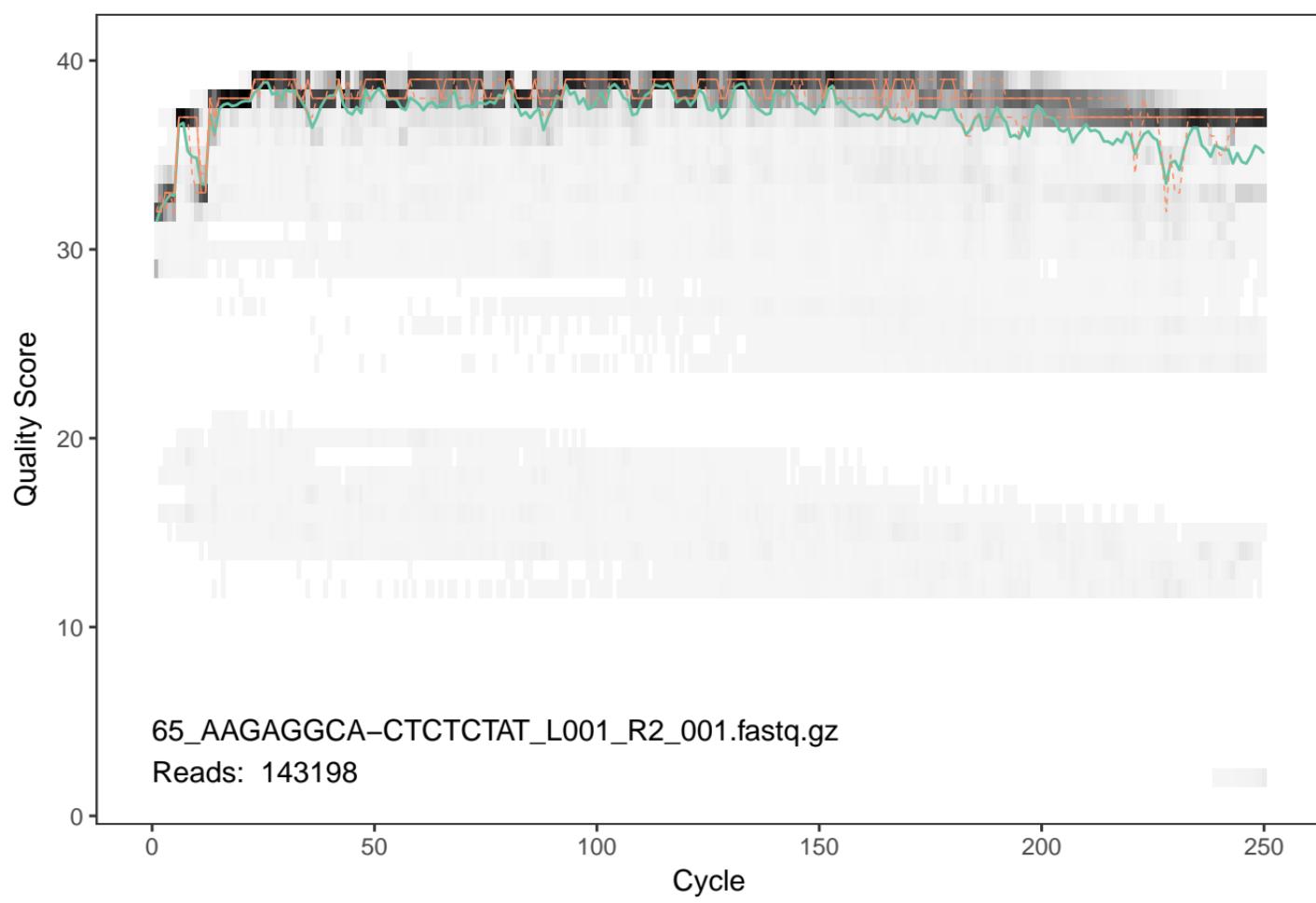
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65\_AAGAGGCA-CTCTCTAT\_L001\_R2\_001.fastq.gz

Reads: 143198

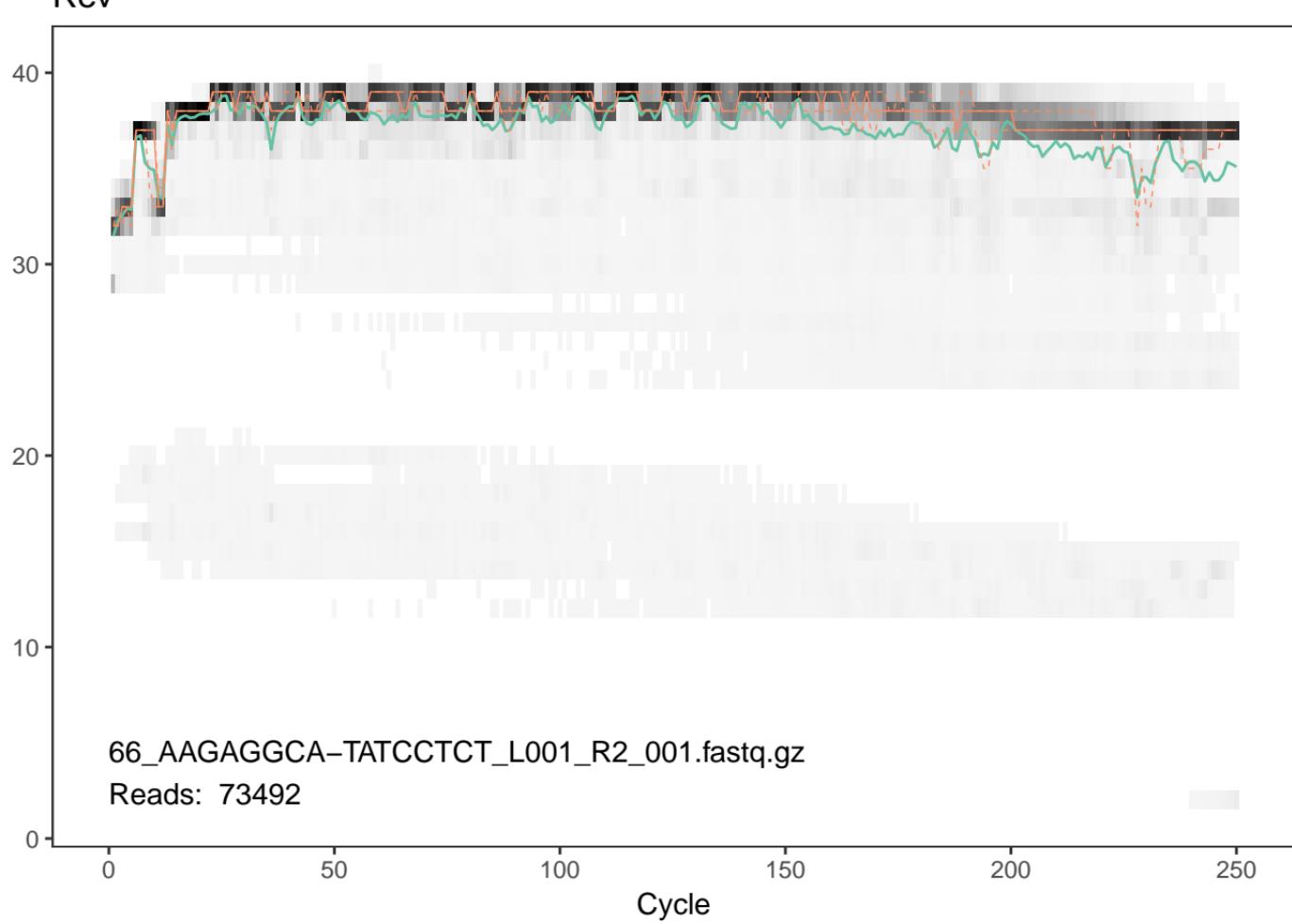
Cycle

0 50 100 150 200 250



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

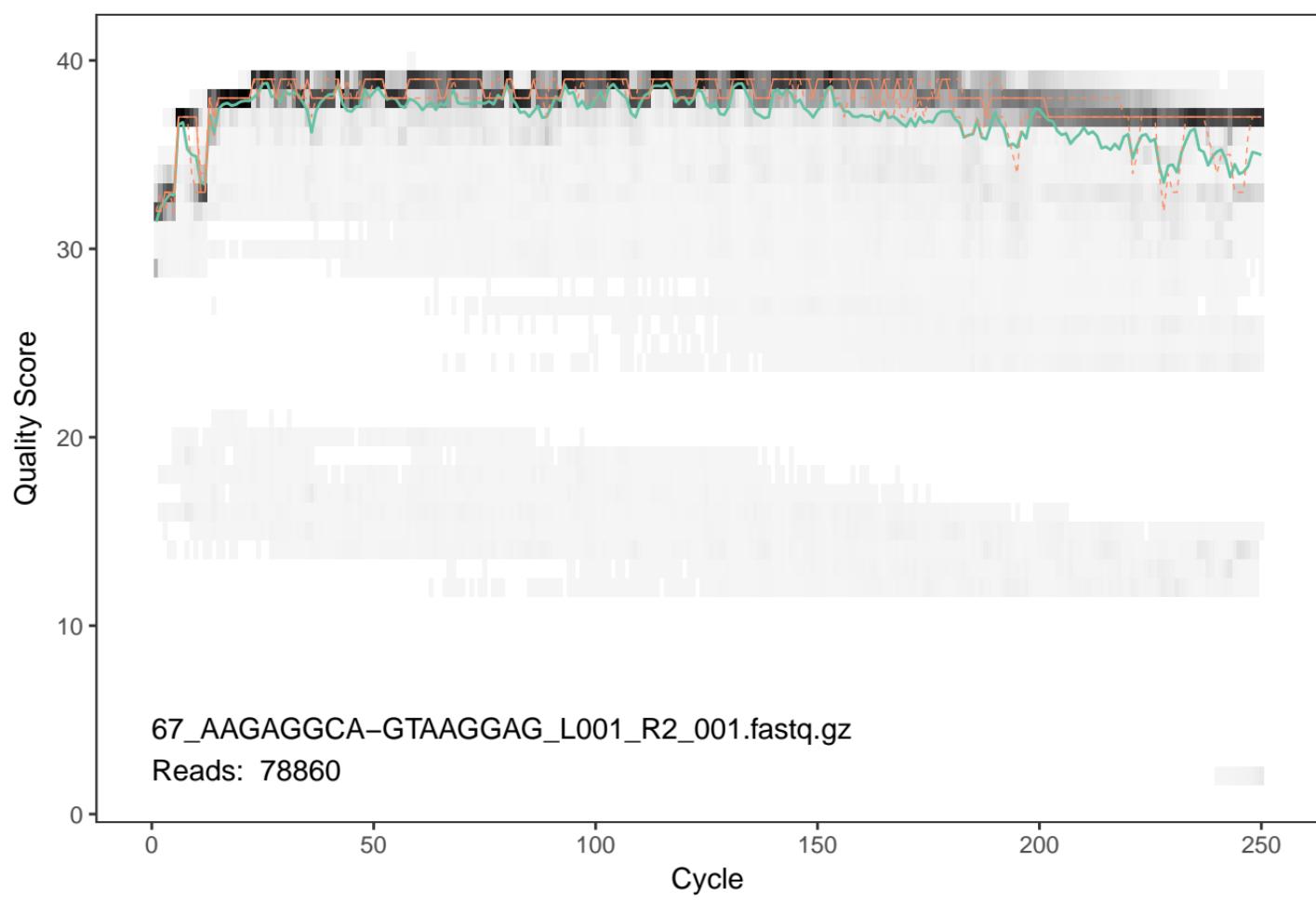
200

250

Cycle

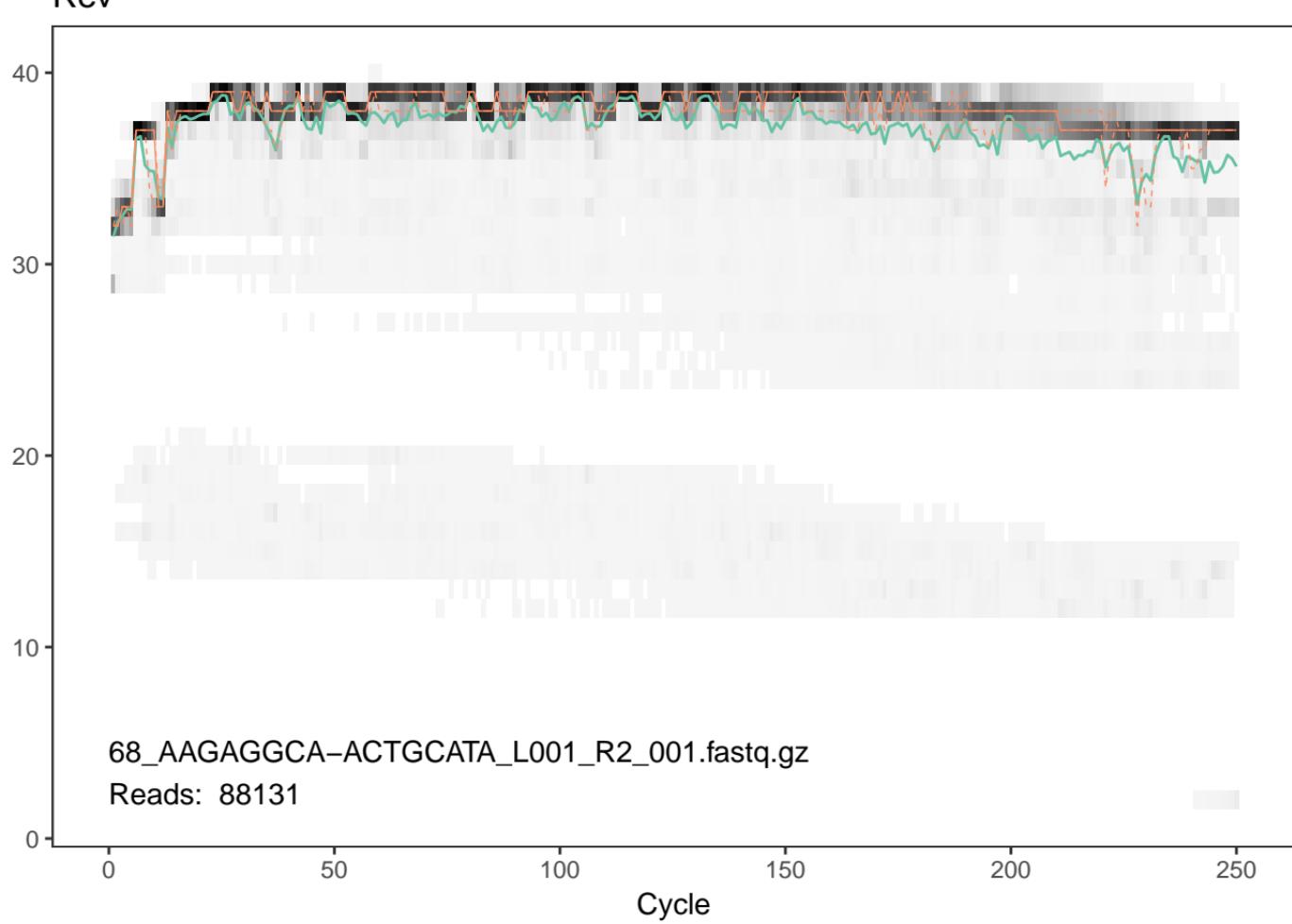
67\_AAGAGGCA-GTAAGGAG\_L001\_R2\_001.fastq.gz

Reads: 78860



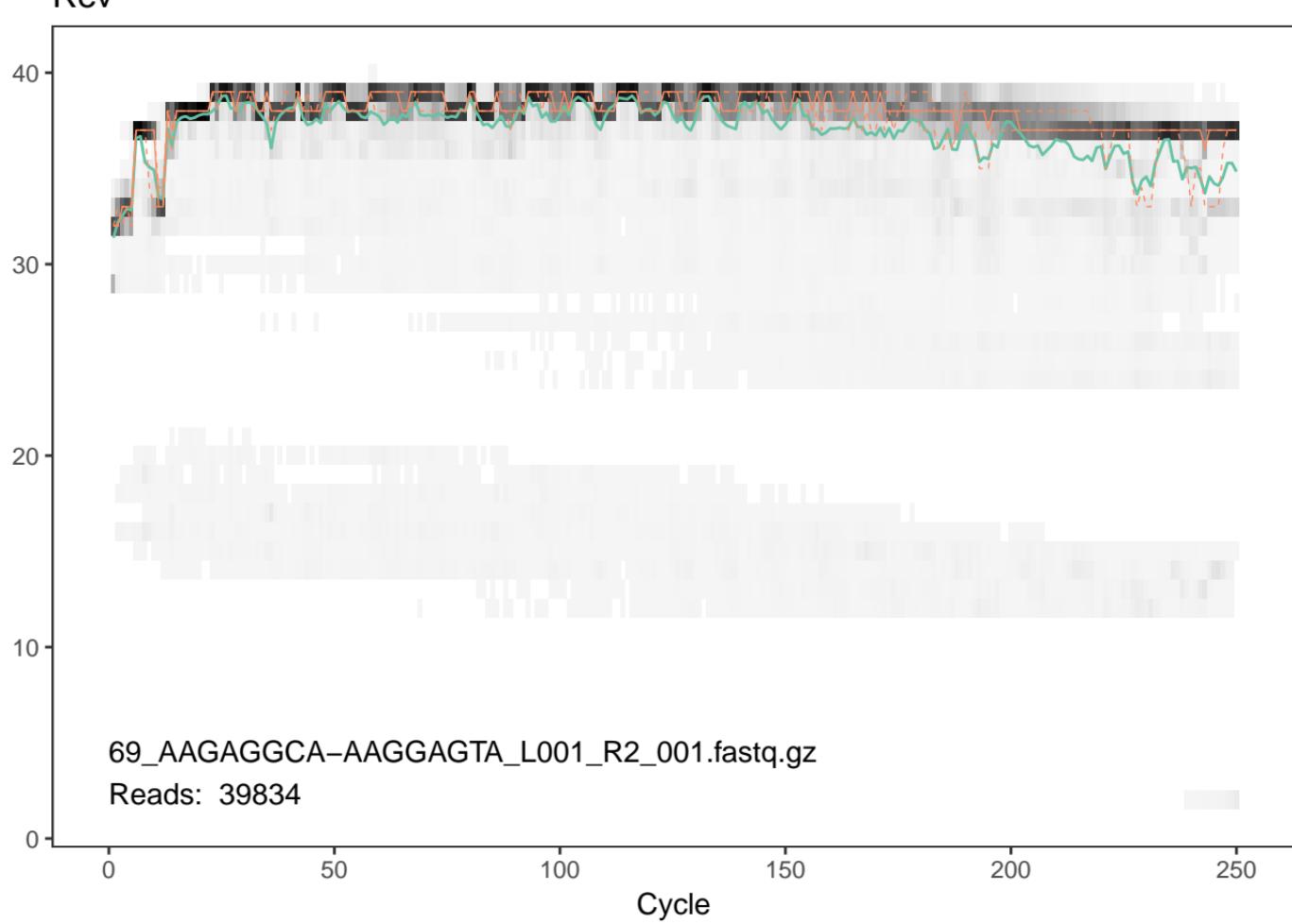
Rev

Quality Score



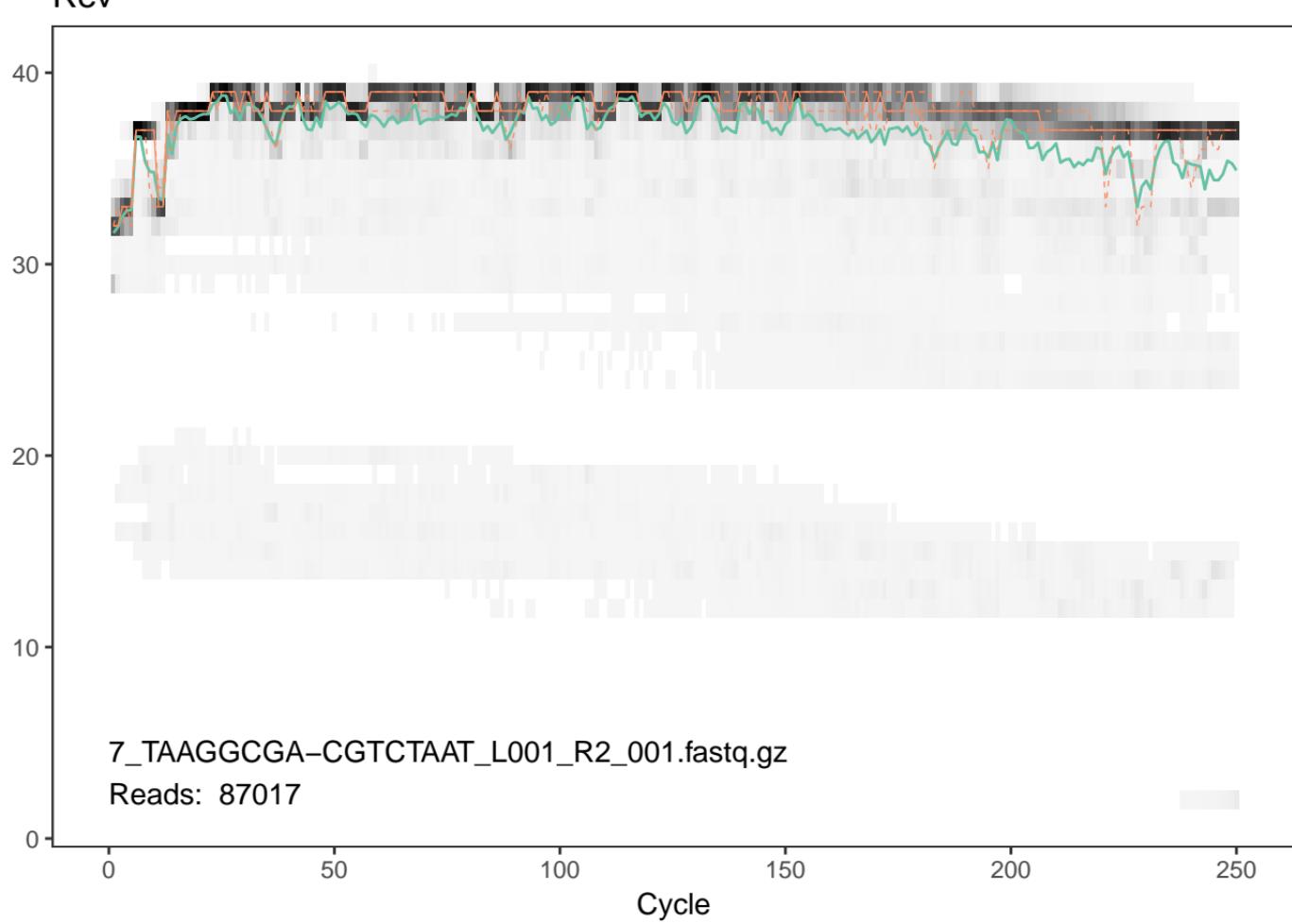
Rev

Quality Score



Rev

Quality Score



7\_TAAGGCGA-CGTCTAAT\_L001\_R2\_001.fastq.gz

Reads: 87017

Rev

Quality Score

40

30

20

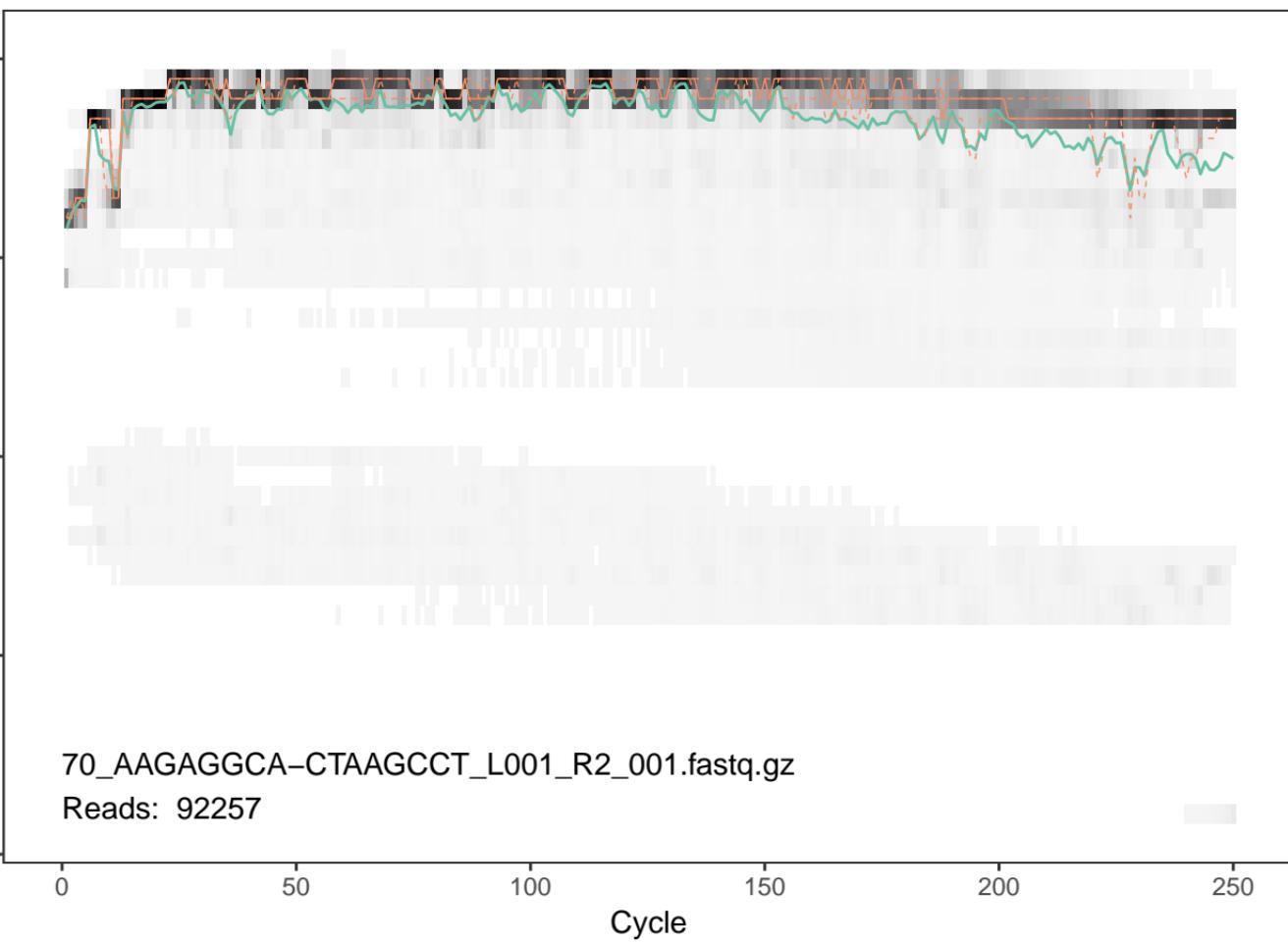
10

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

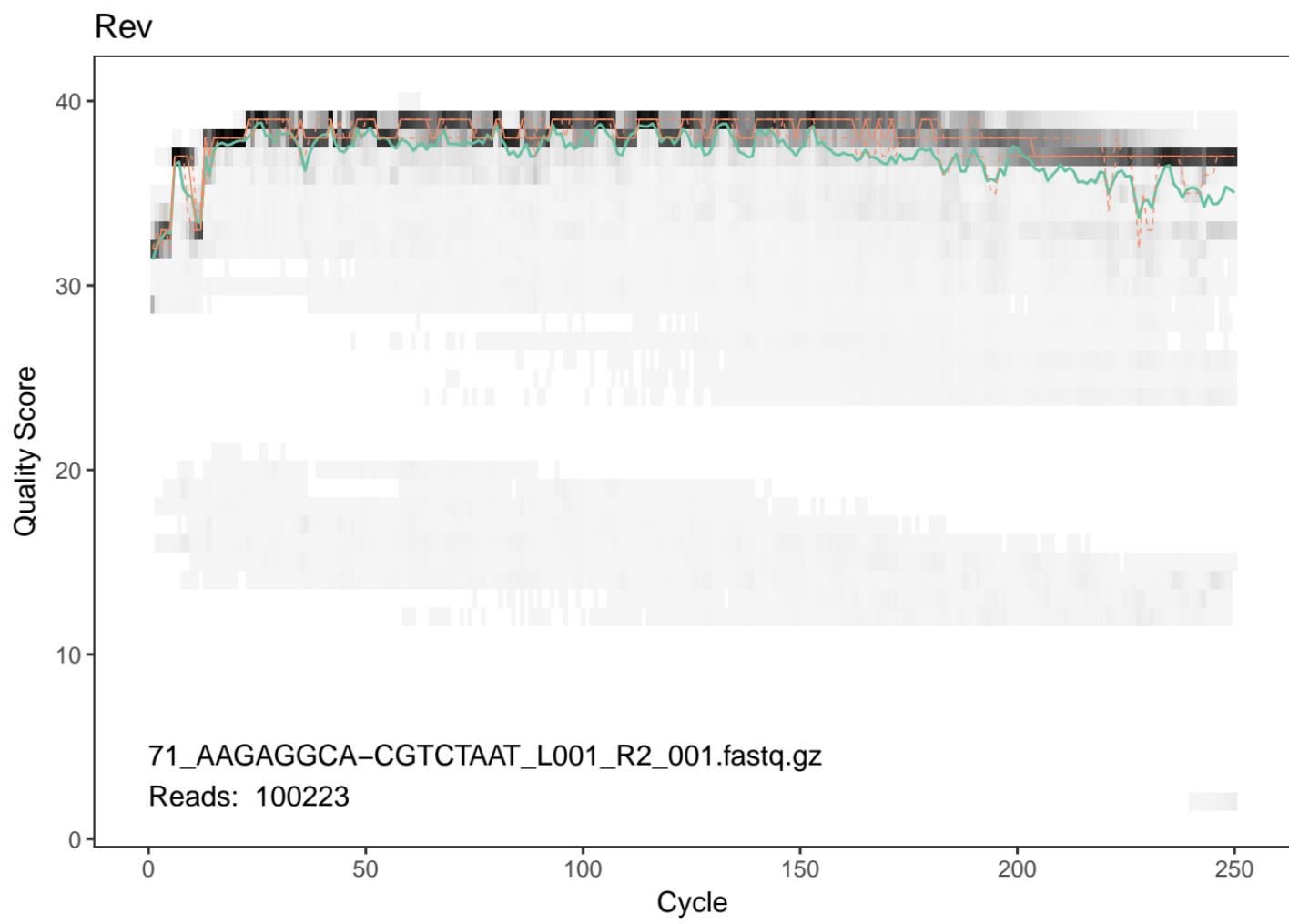
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

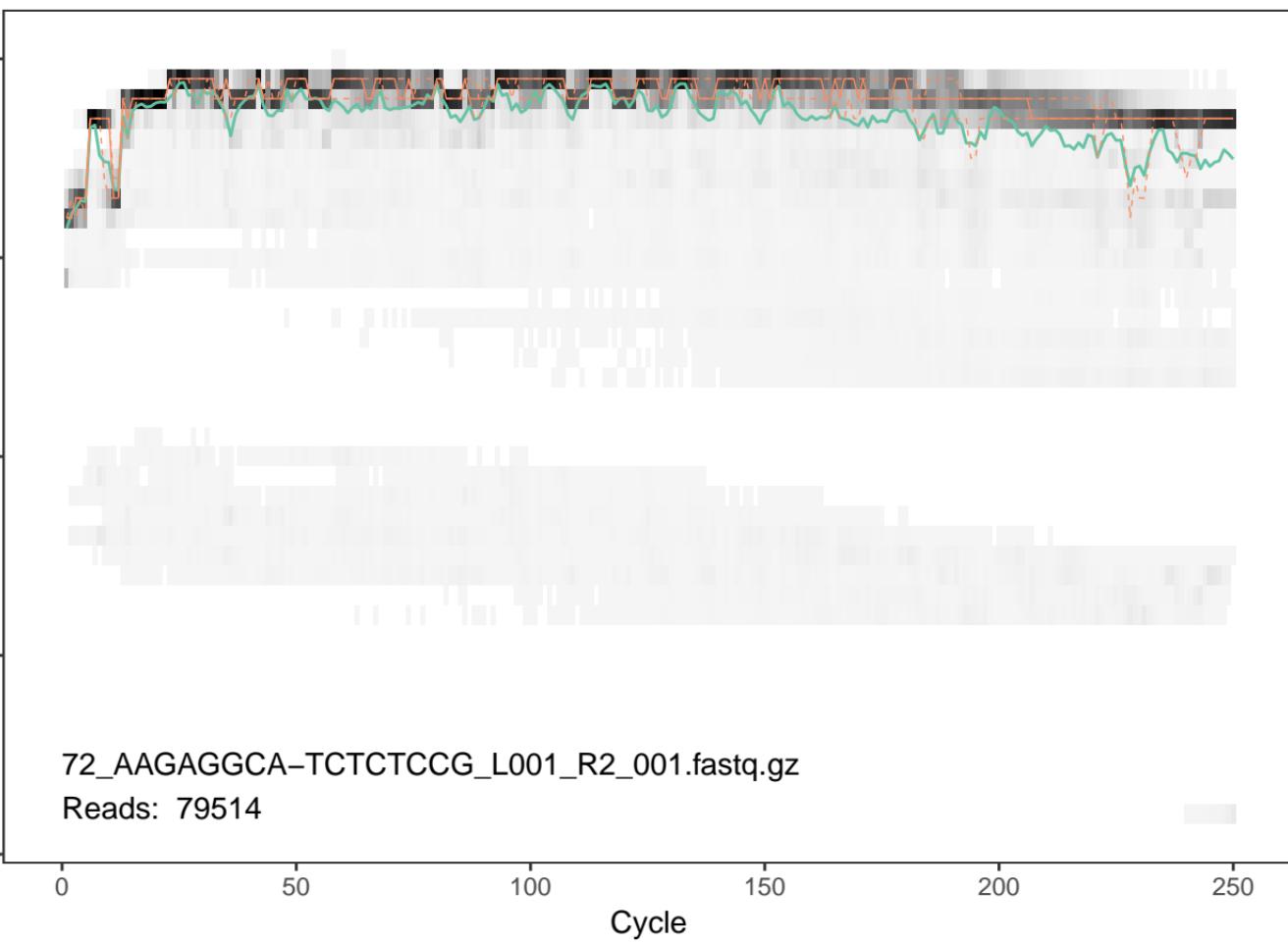
10

0

Cycle

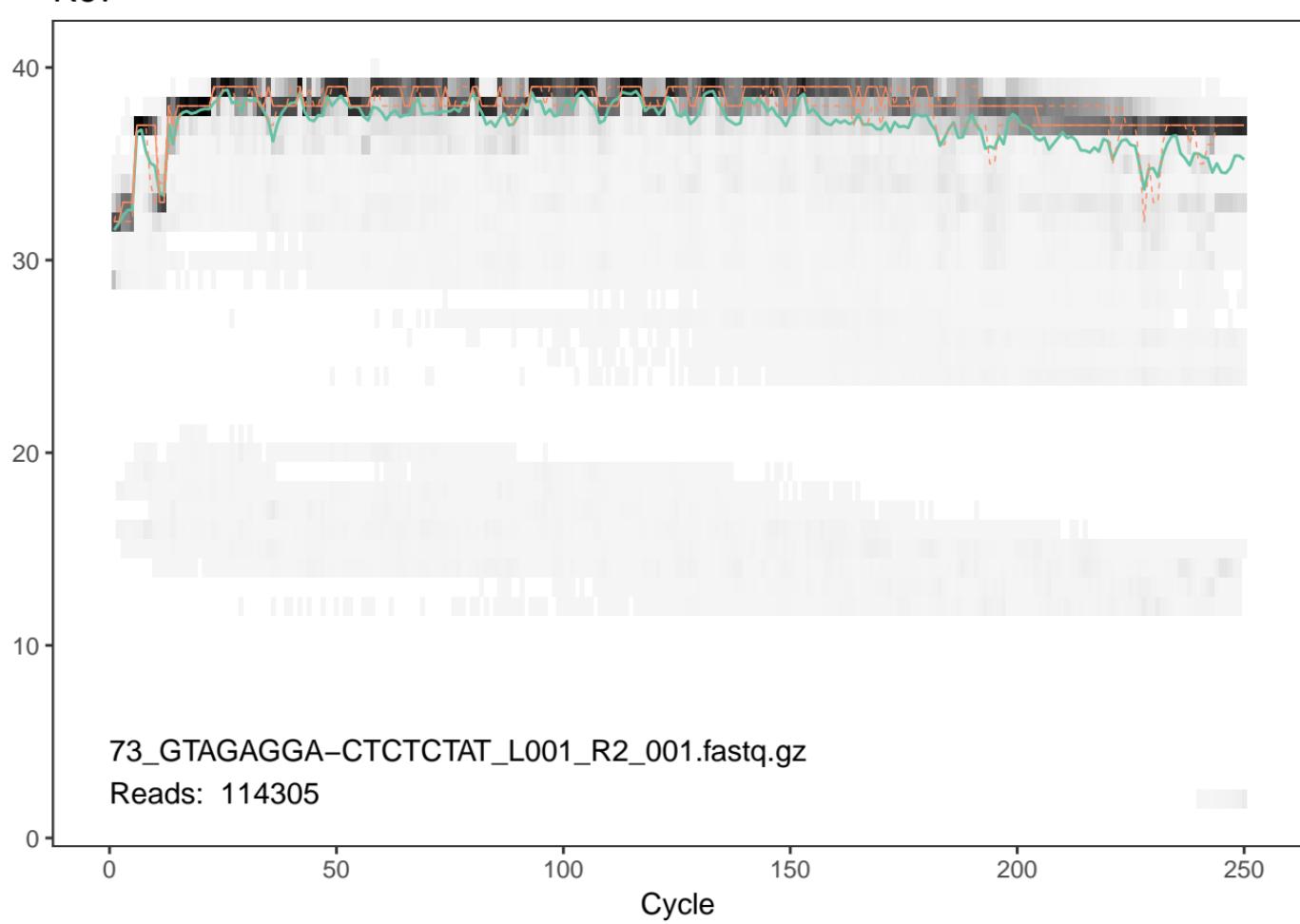
72\_AAGAGGCA-TCTCTCCG\_L001\_R2\_001.fastq.gz

Reads: 79514



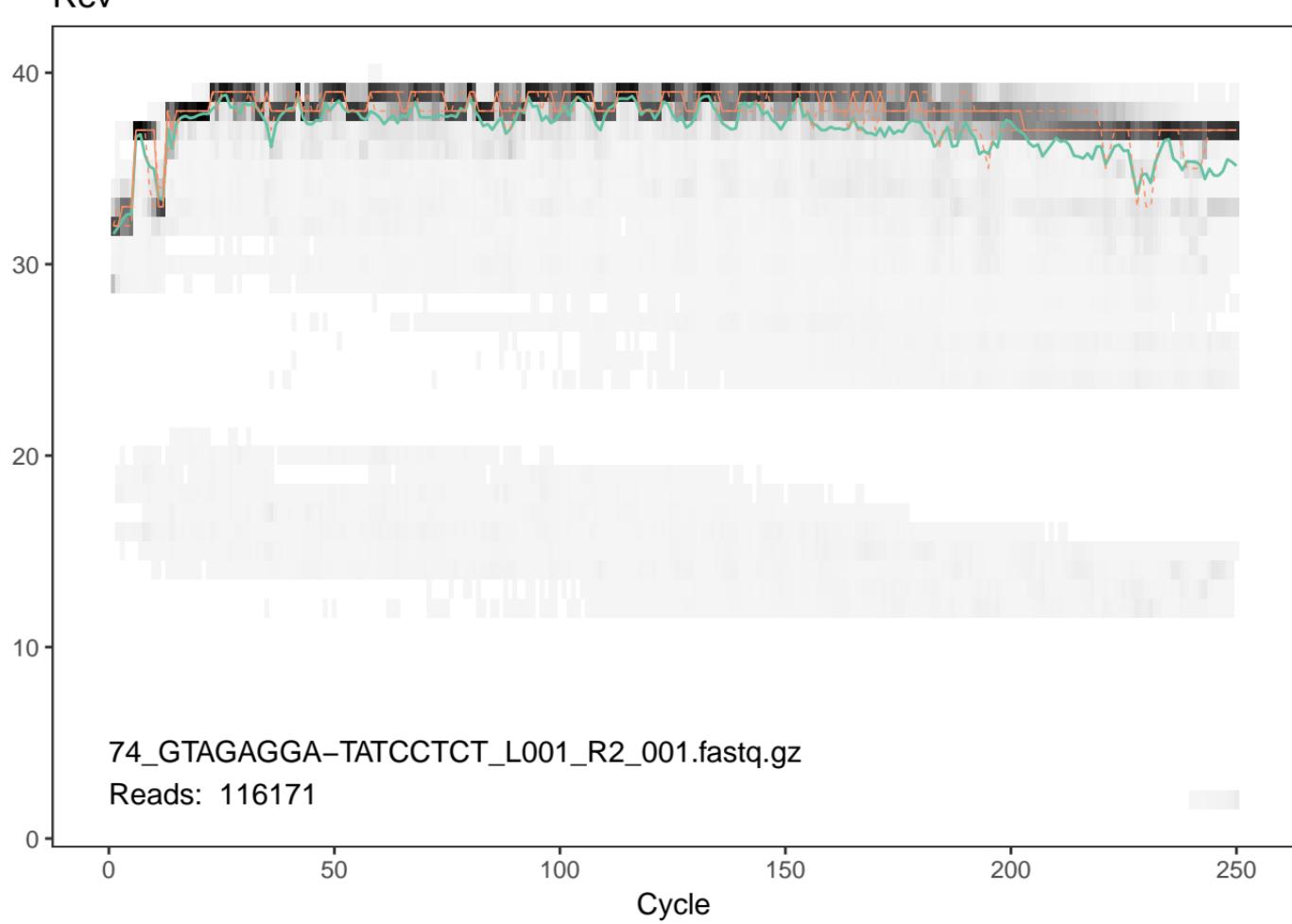
Rev

Quality Score



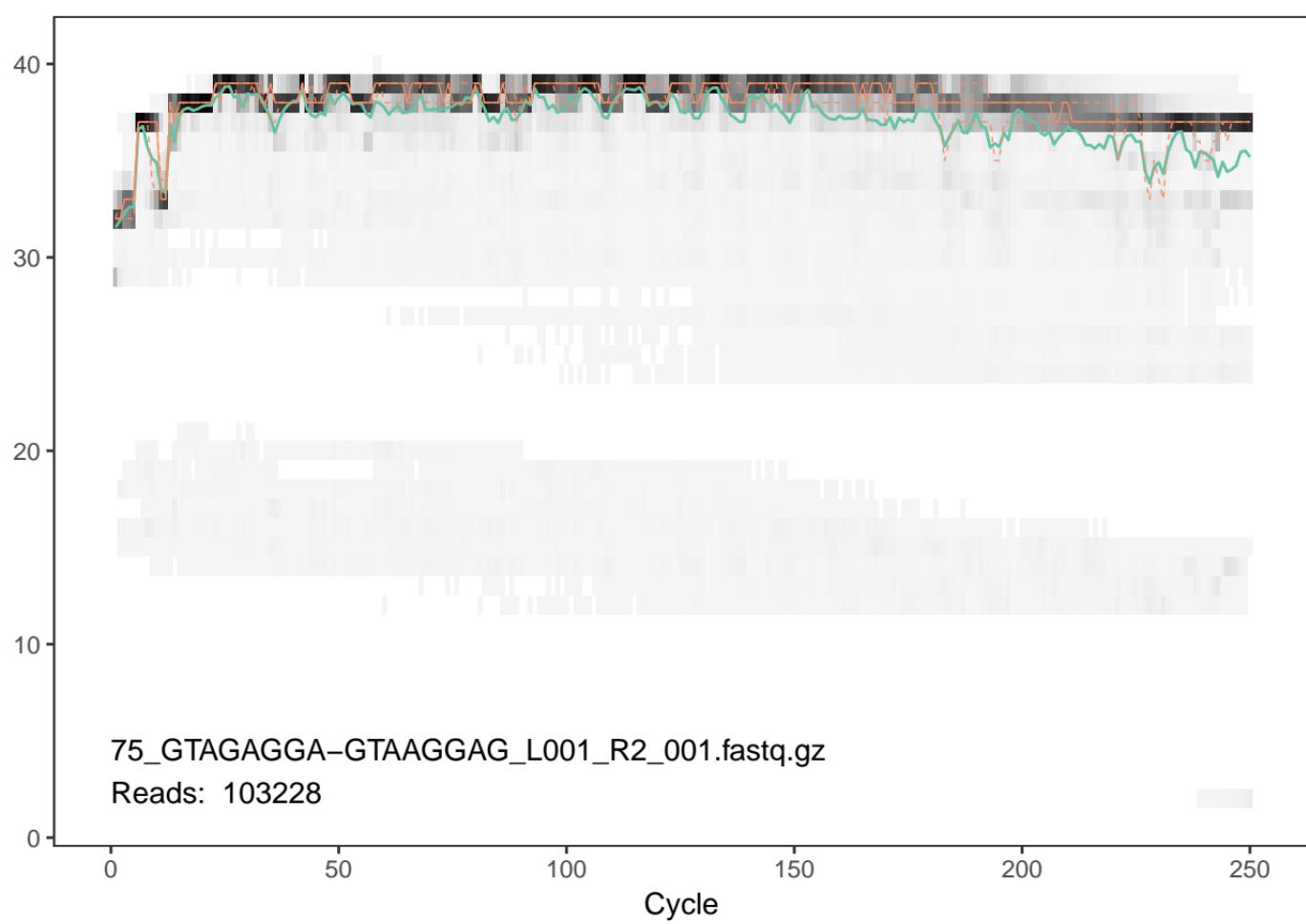
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

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

Reads: 122718

0

50

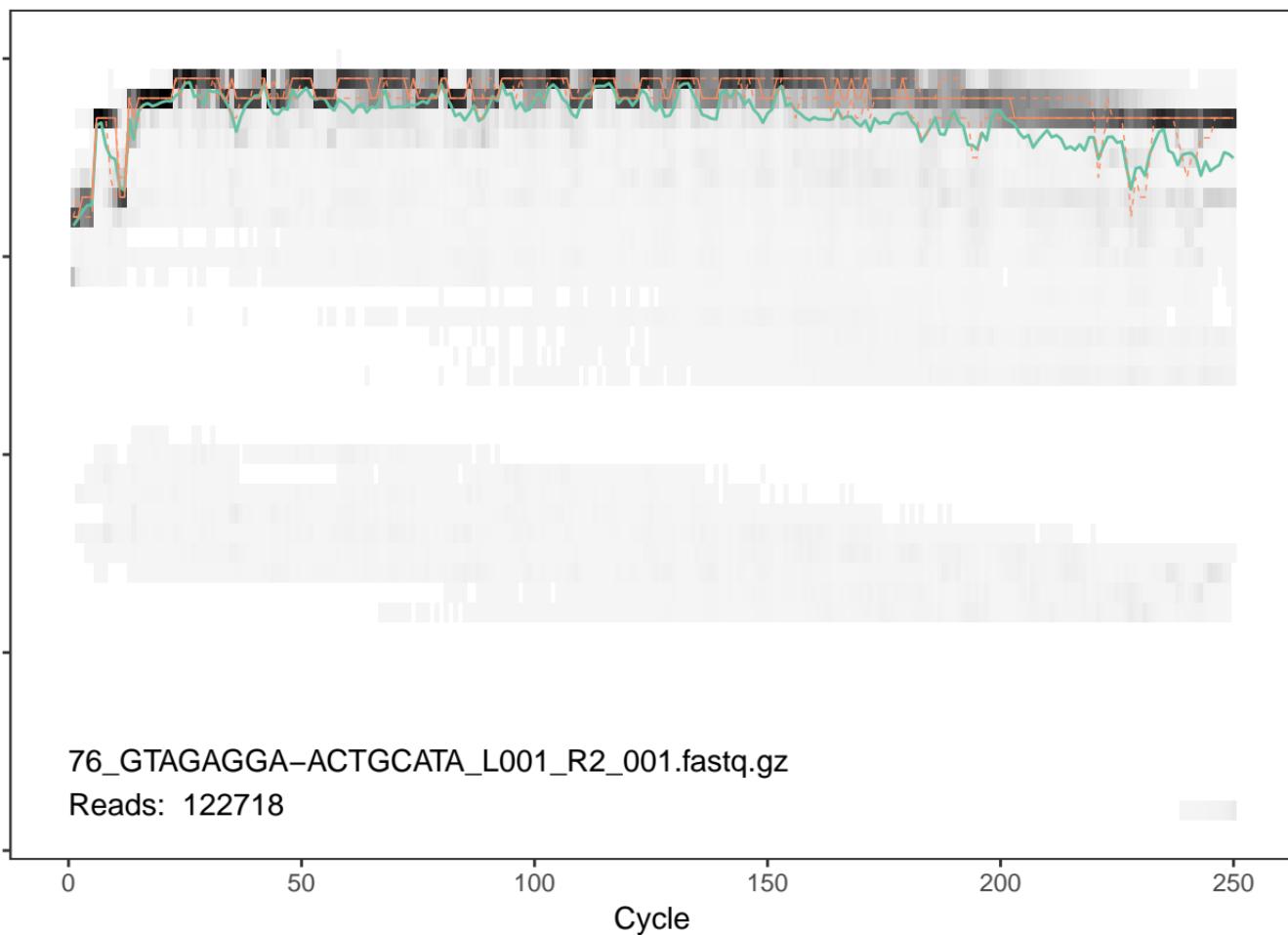
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

10

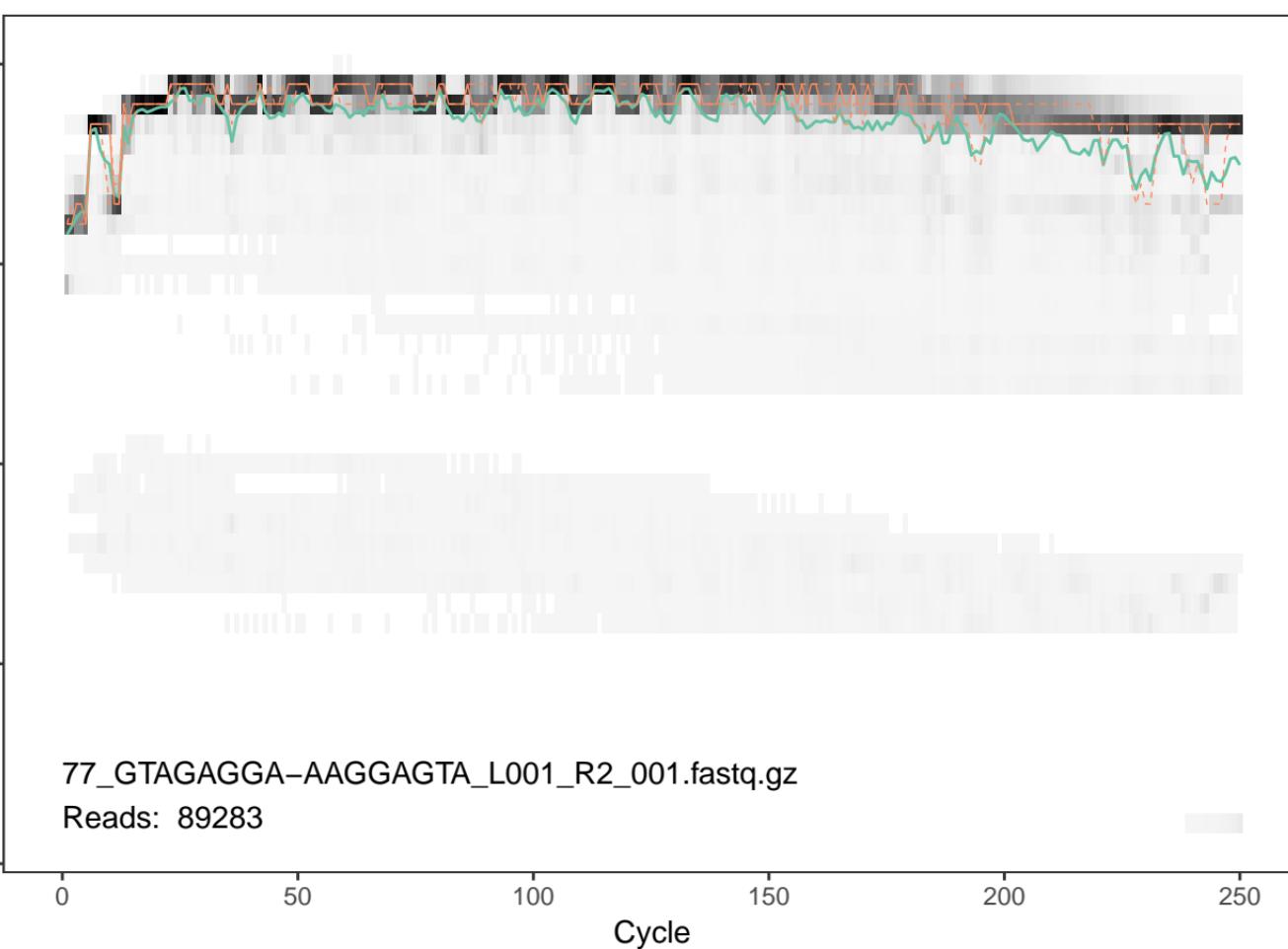
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77\_GTAGAGGA-AAGGAGTA\_L001\_R2\_001.fastq.gz

Reads: 89283

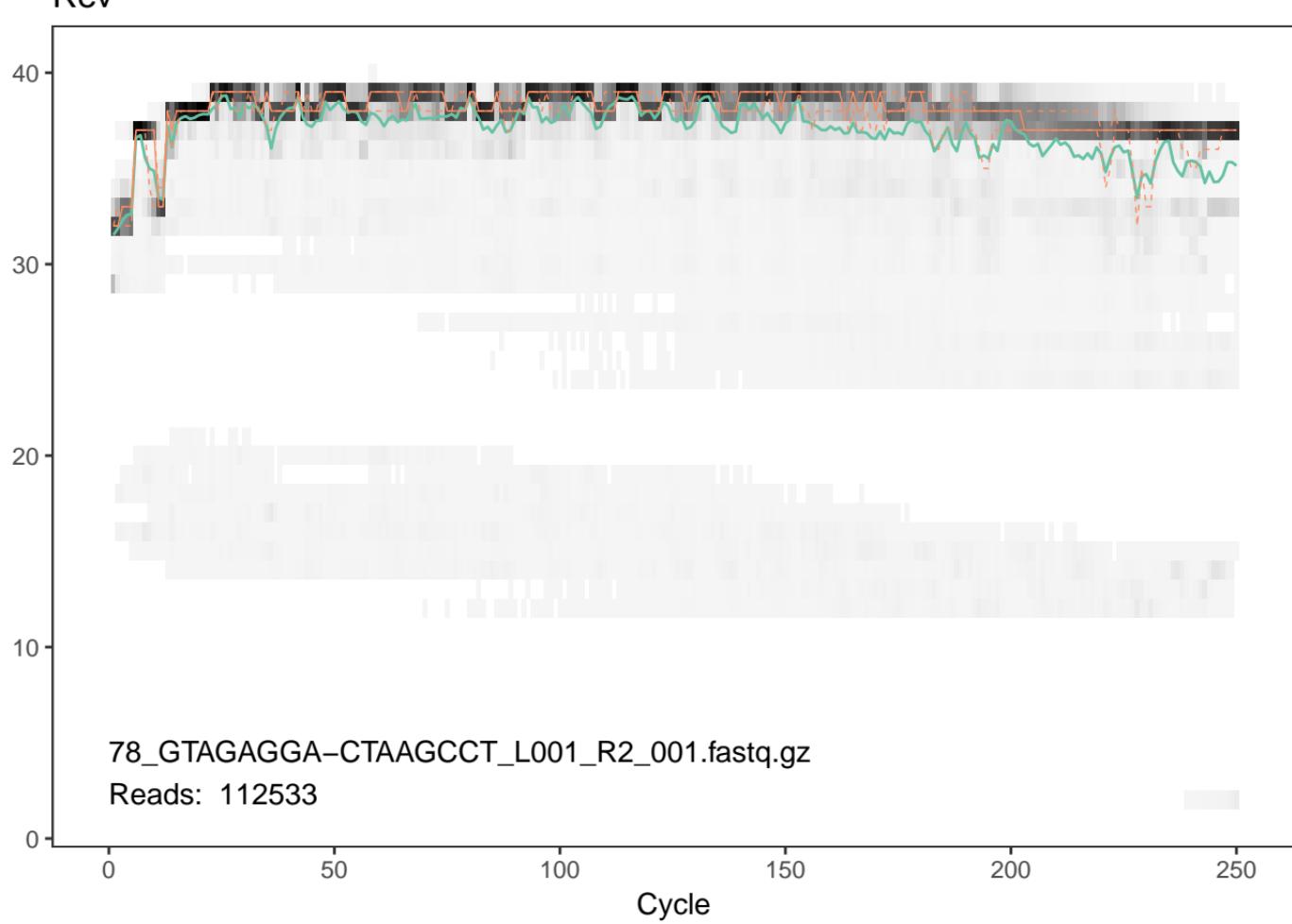
Cycle

0 50 100 150 200 250



Rev

Quality Score



Rev

Quality Score

40

30

20

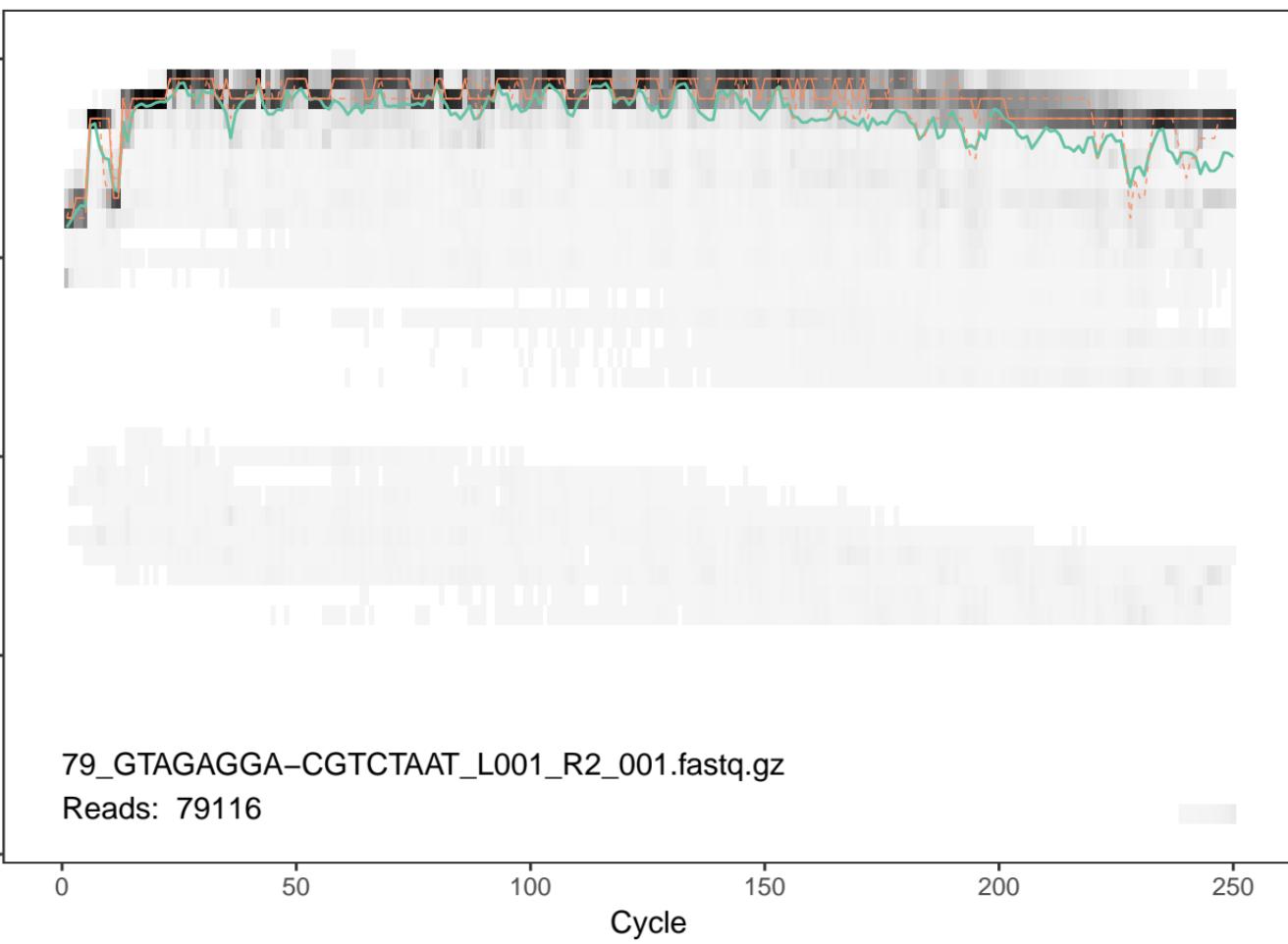
10

0

Cycle

79\_GTAGAGGA-CGTCTAAT\_L001\_R2\_001.fastq.gz

Reads: 79116



Rev

Quality Score

40

30

20

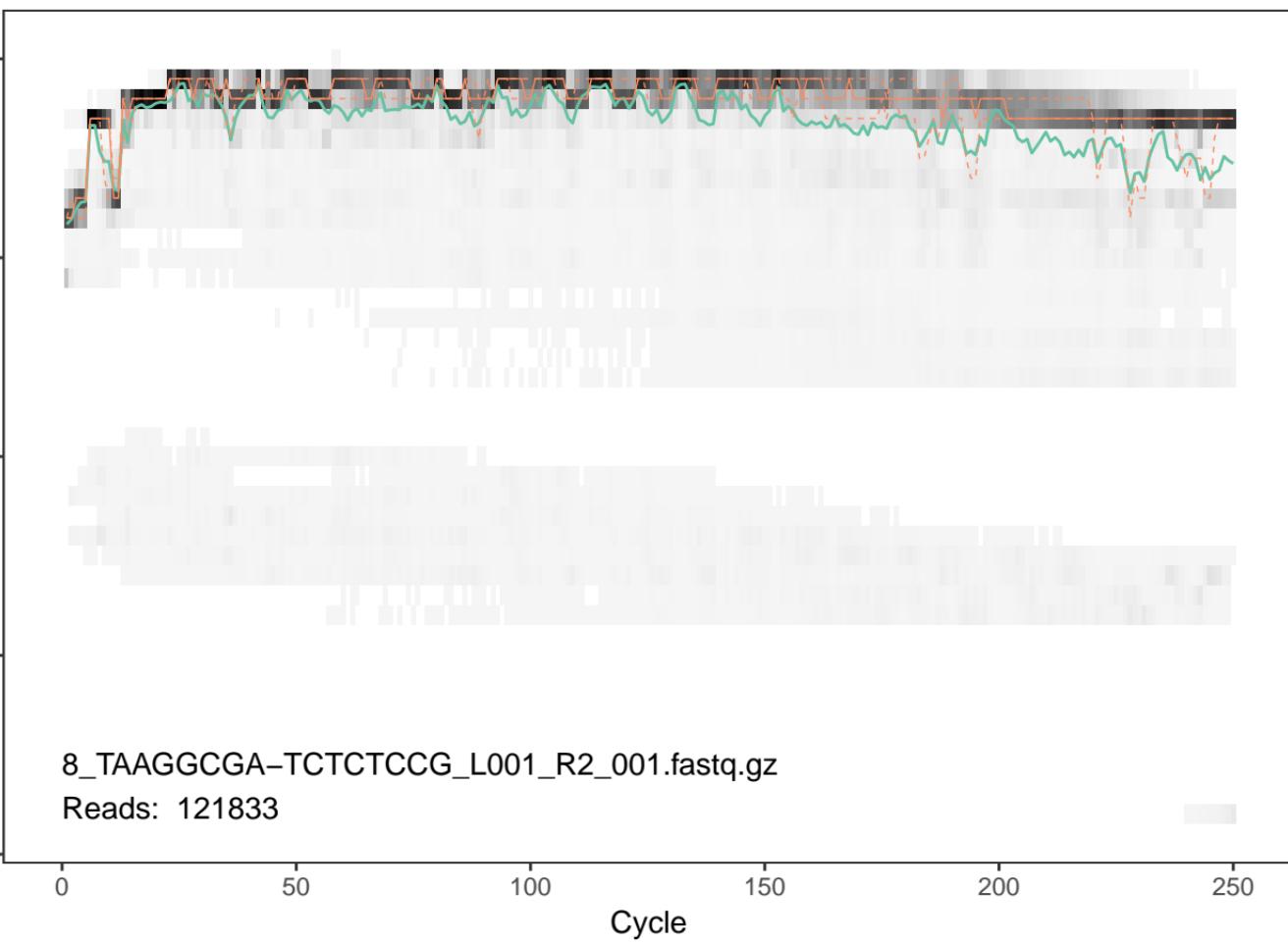
10

0

Cycle

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

Reads: 121833



Rev

Quality Score

40

30

20

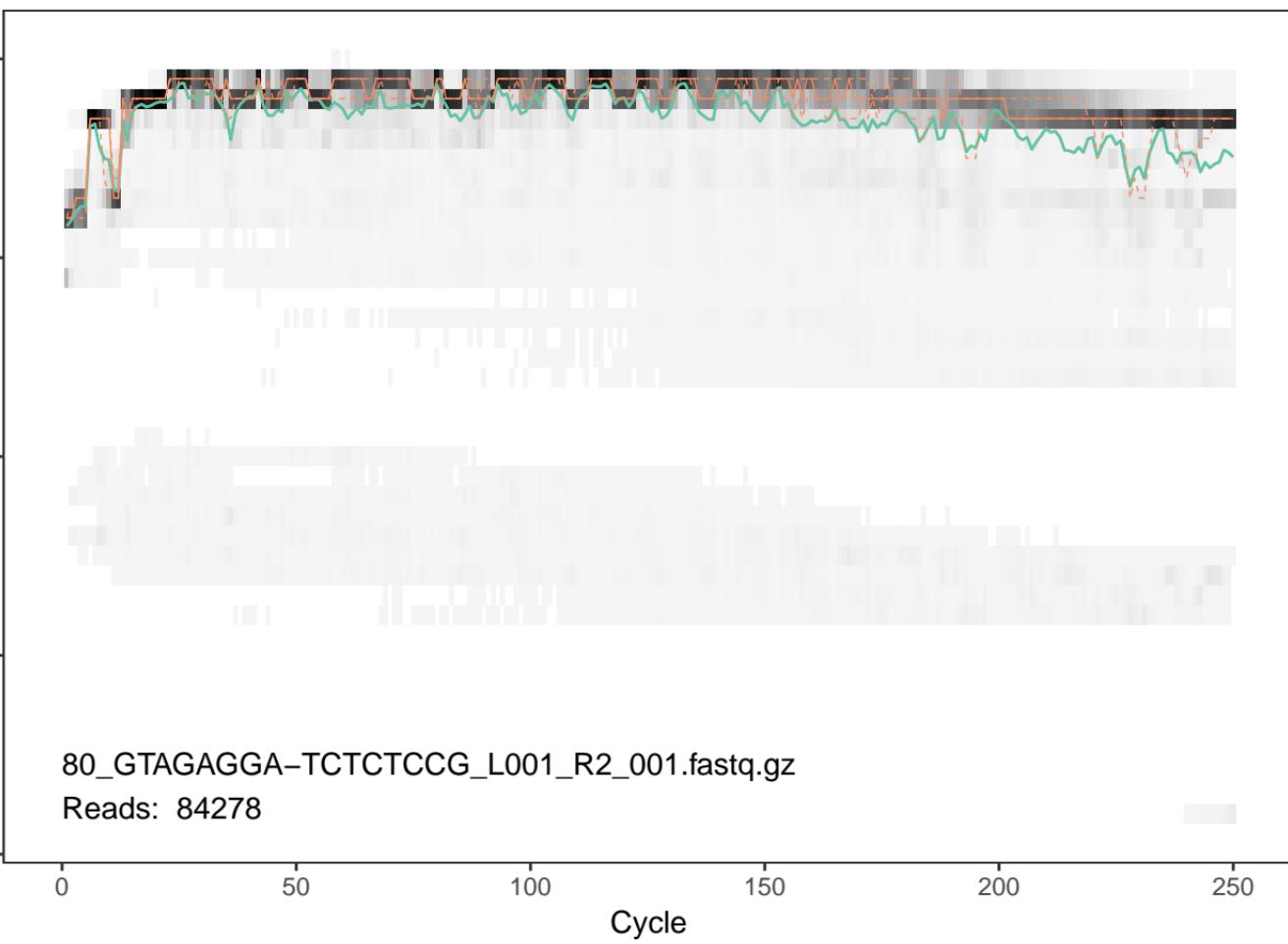
10

0

Cycle

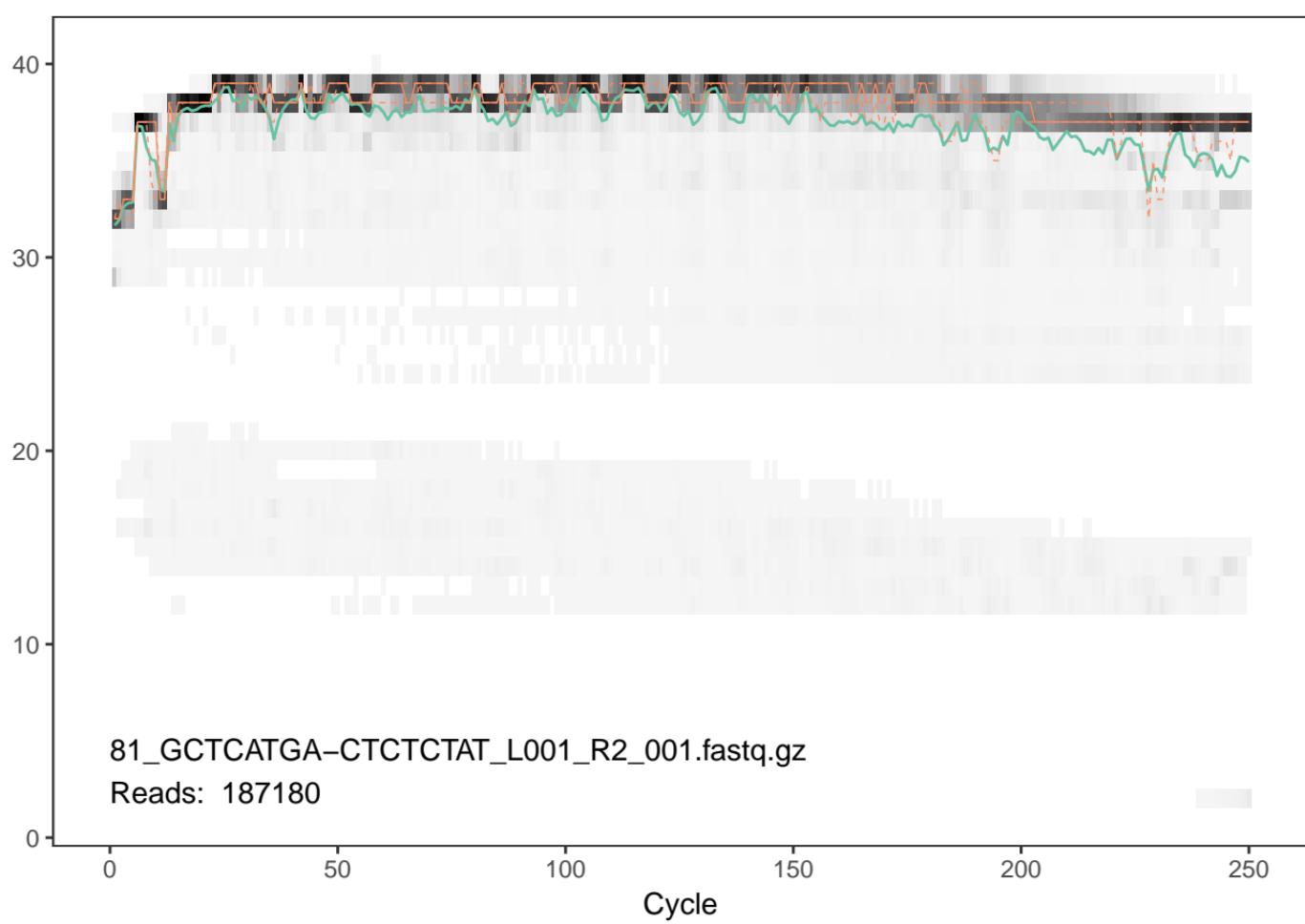
80\_GTAGAGGA-TCTCTCCG\_L001\_R2\_001.fastq.gz

Reads: 84278



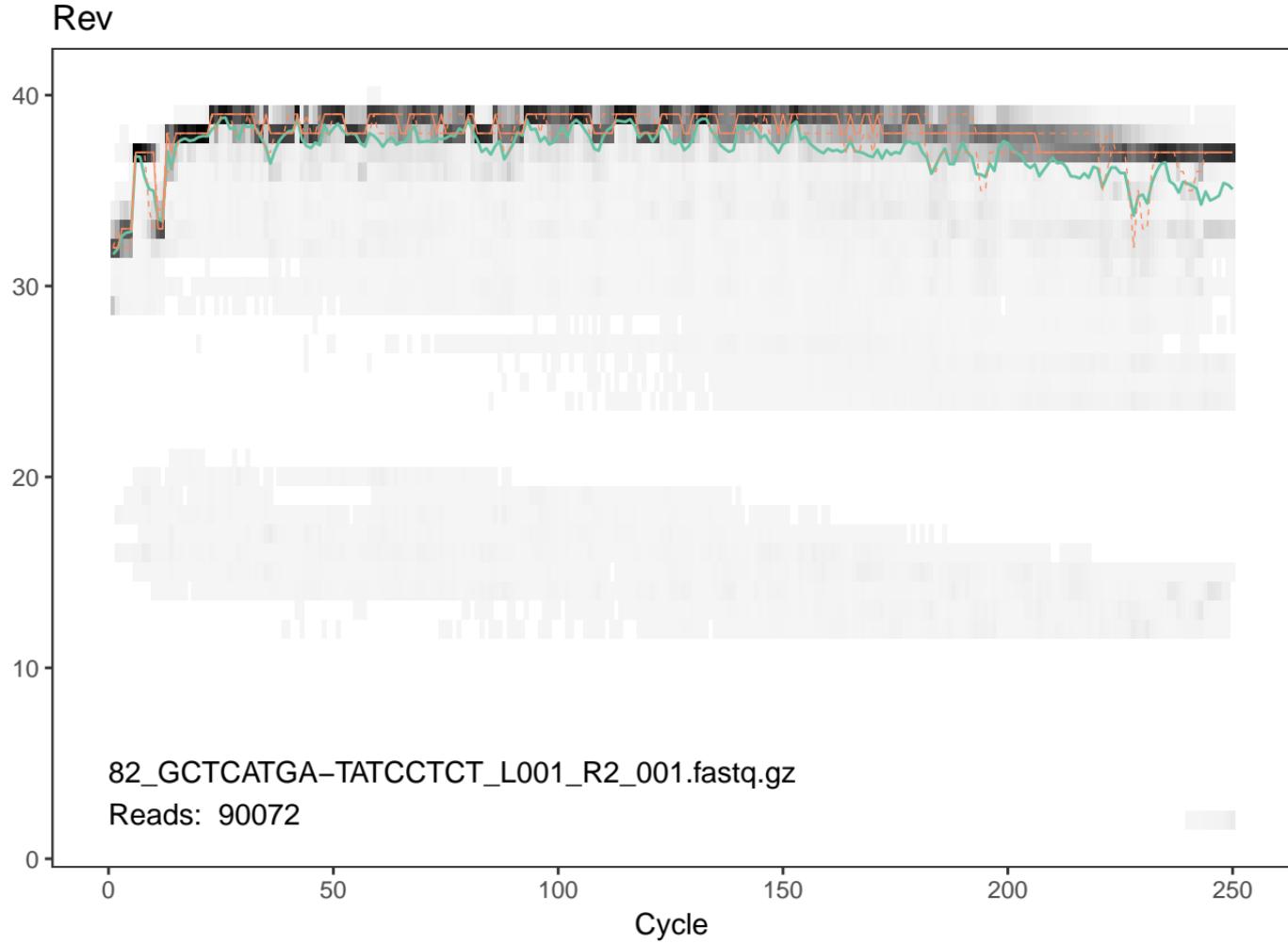
Rev

Quality Score



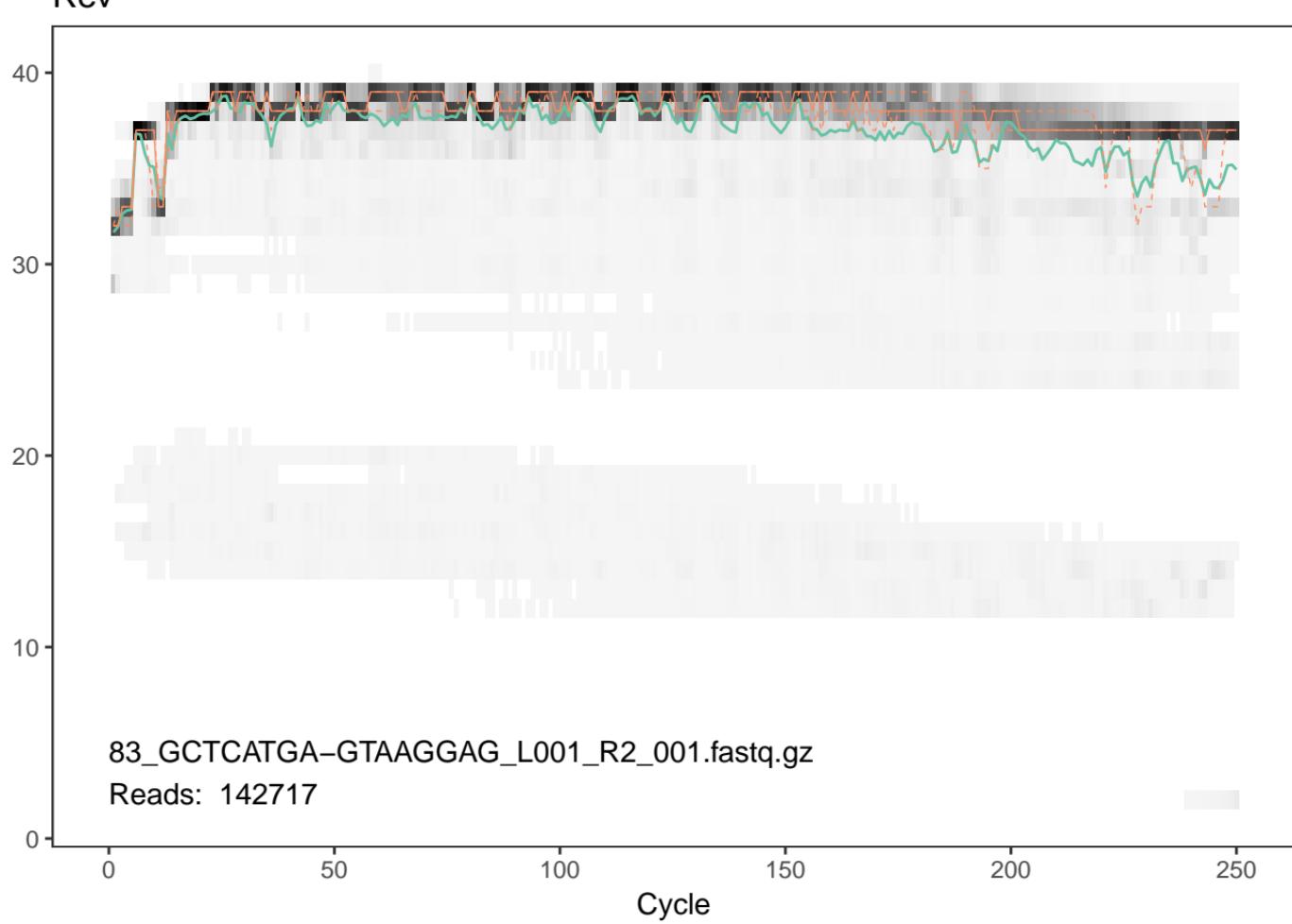
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

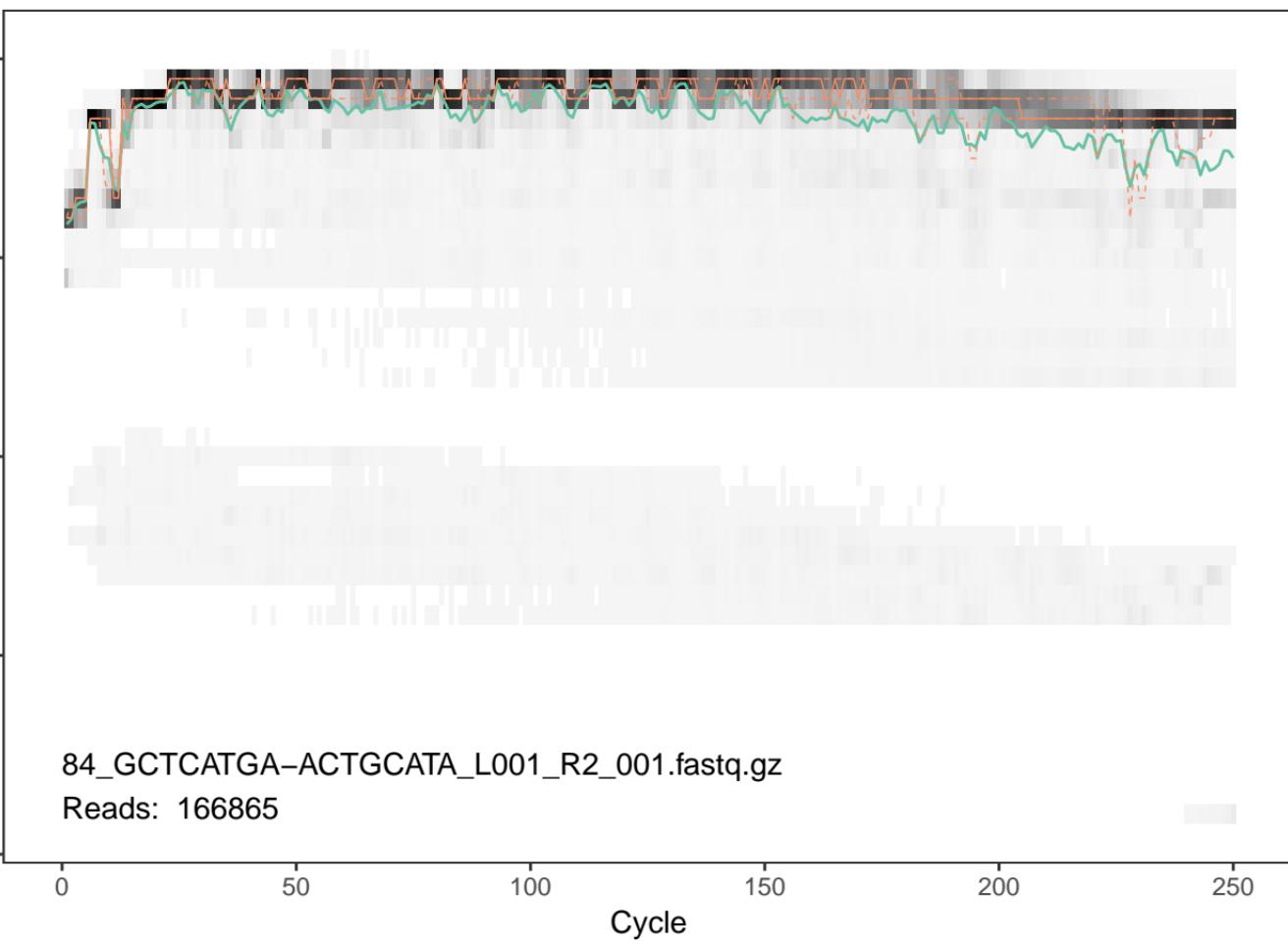
10

0

Cycle

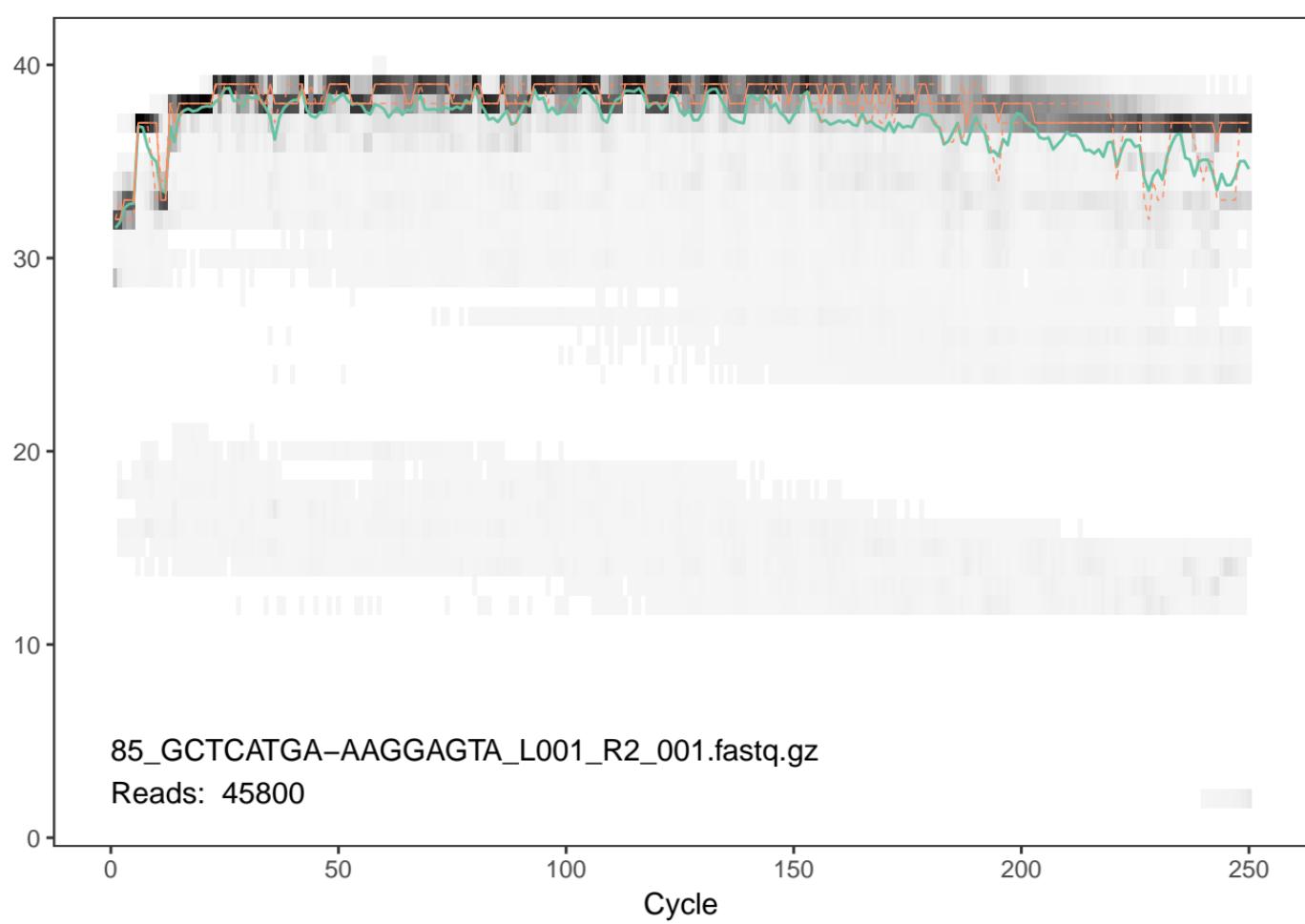
84\_GCTCATGA-ACTGCATA\_L001\_R2\_001.fastq.gz

Reads: 166865



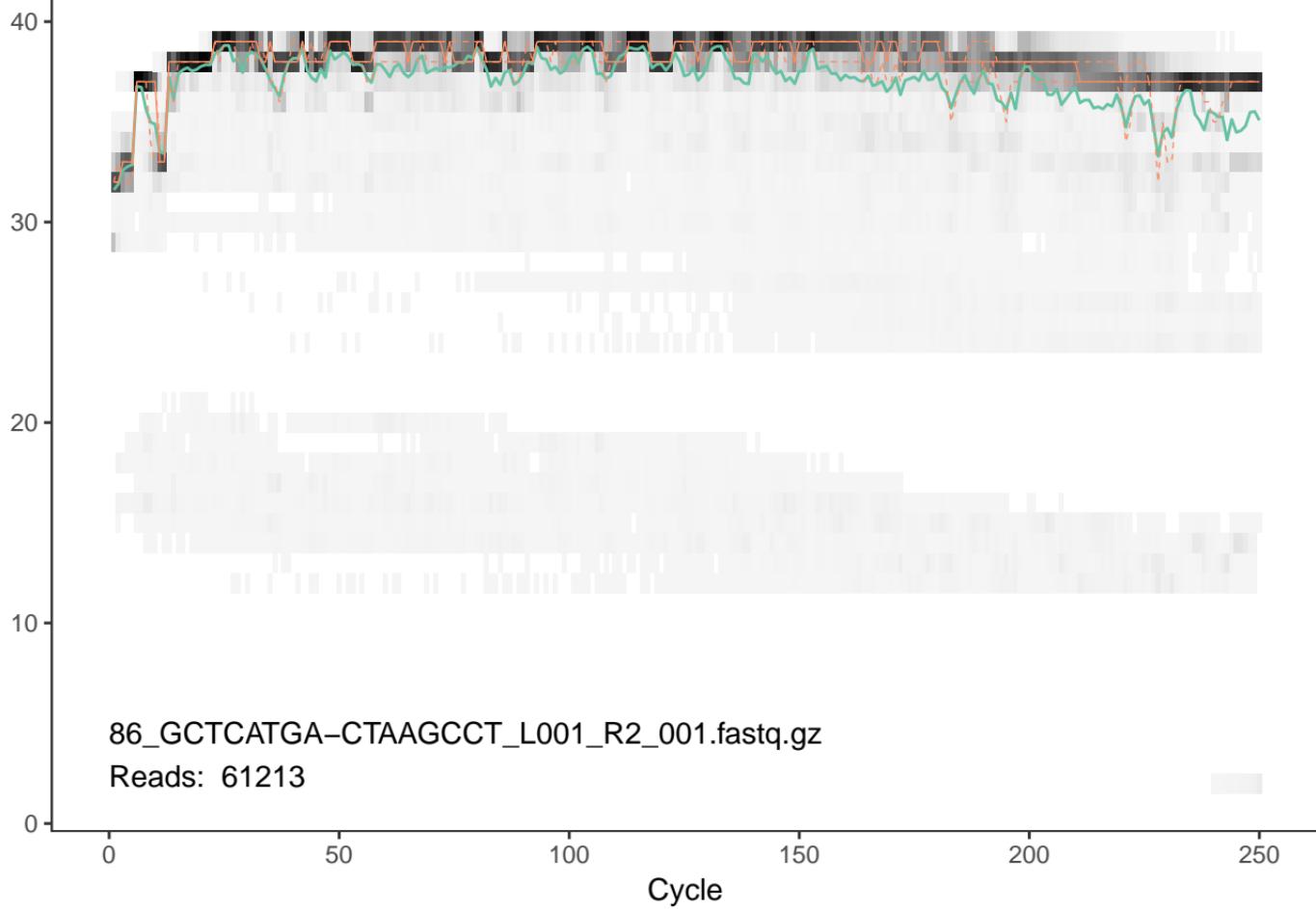
Rev

Quality Score



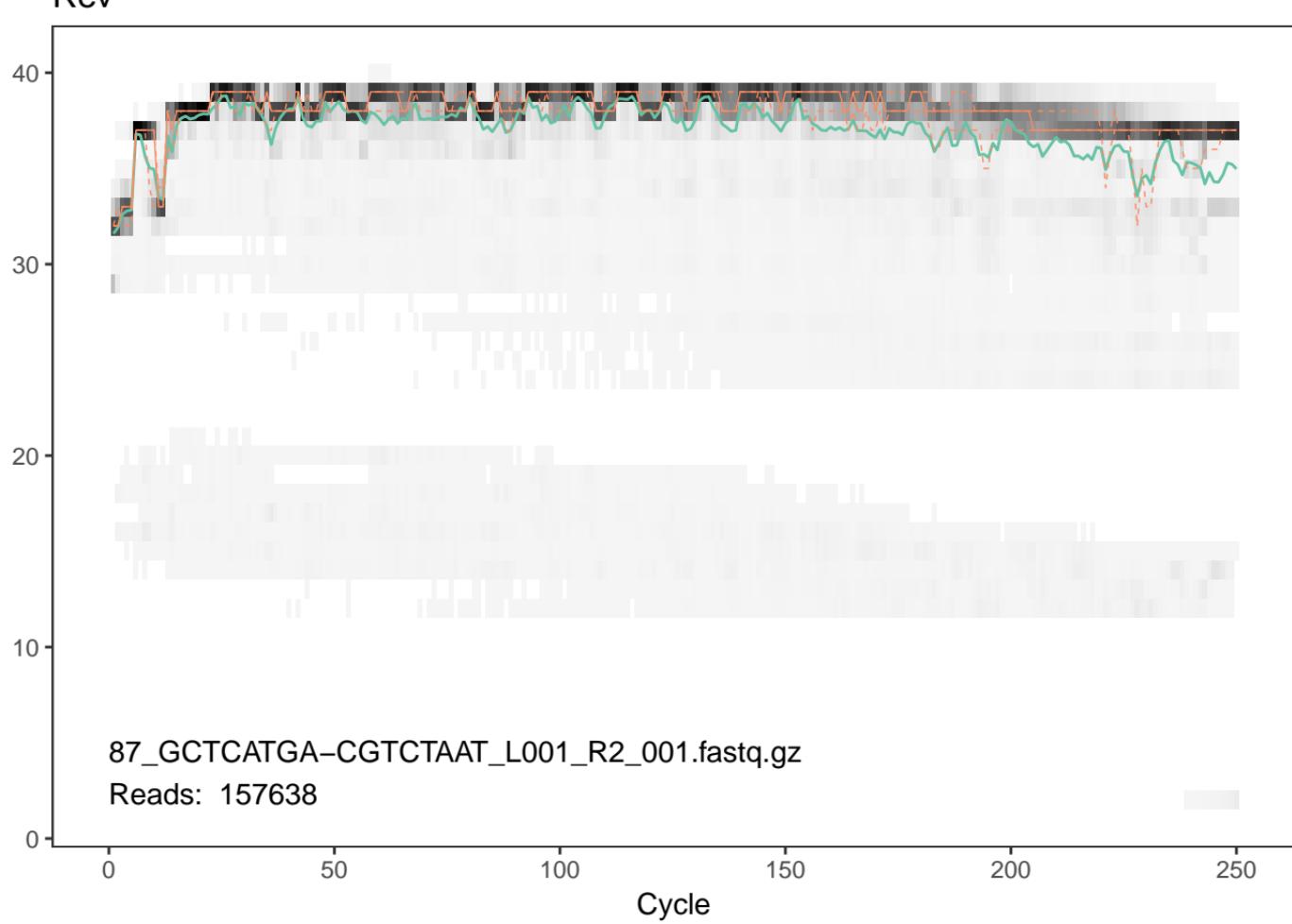
Rev

Quality Score



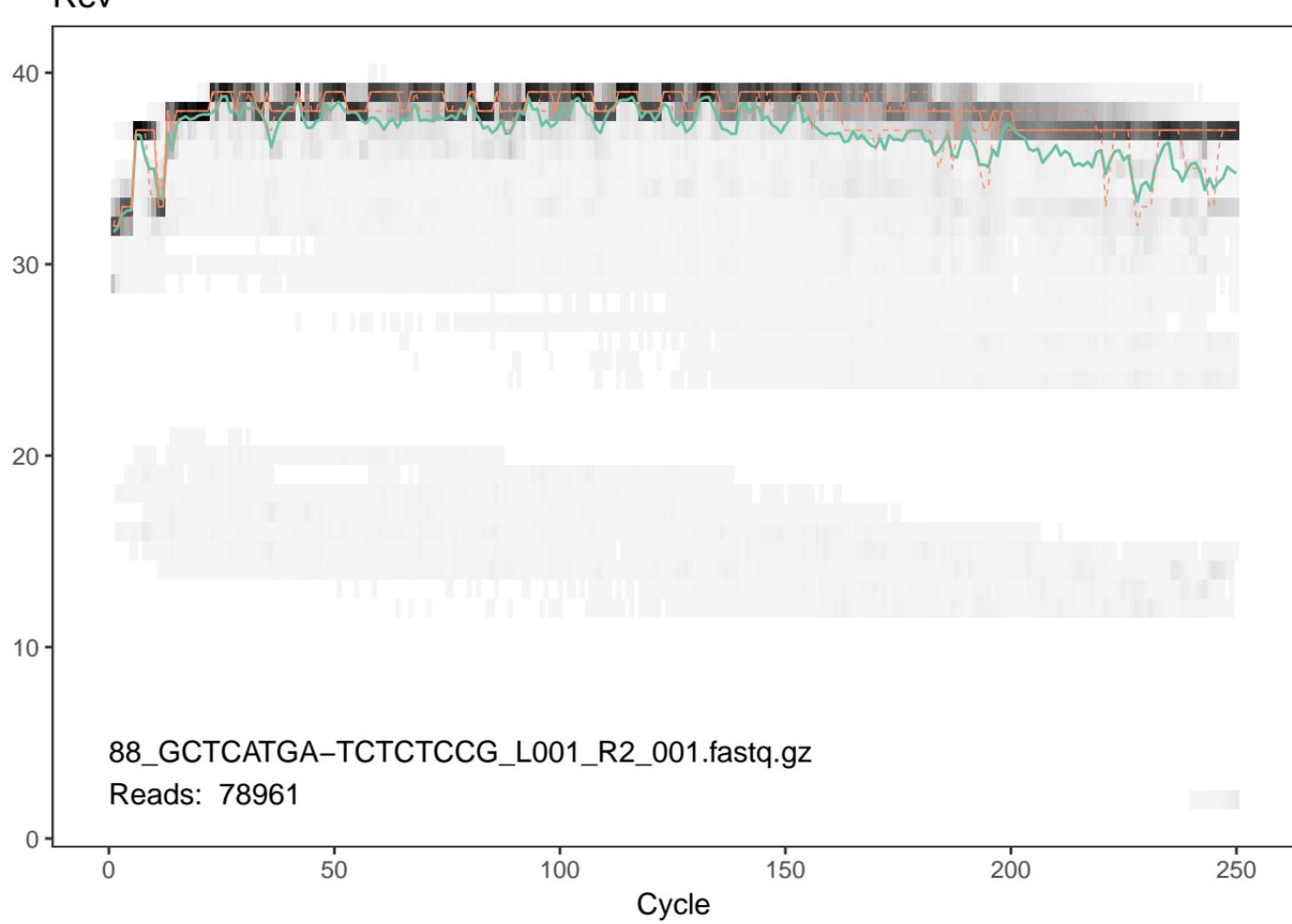
Rev

Quality Score



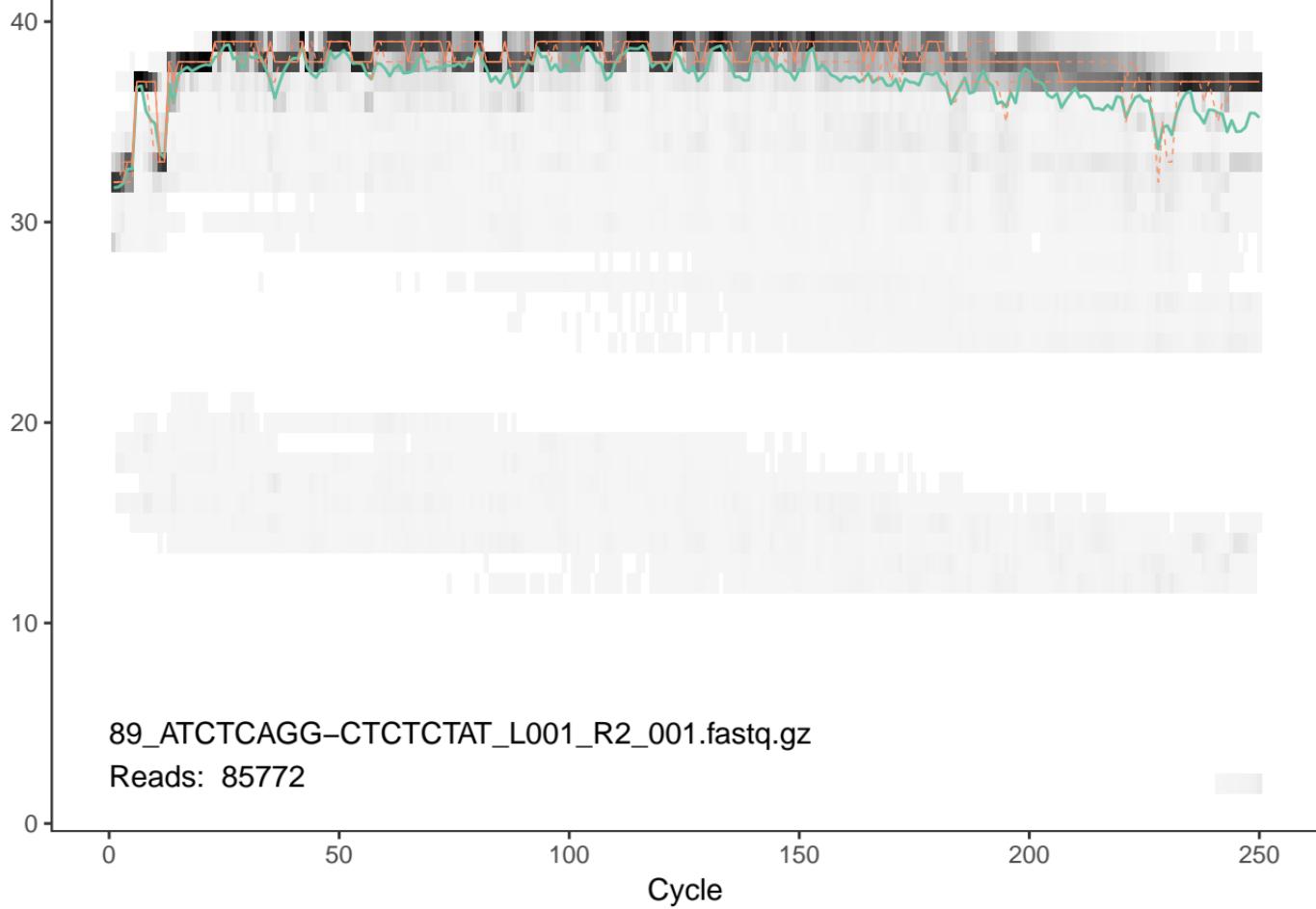
Rev

Quality Score



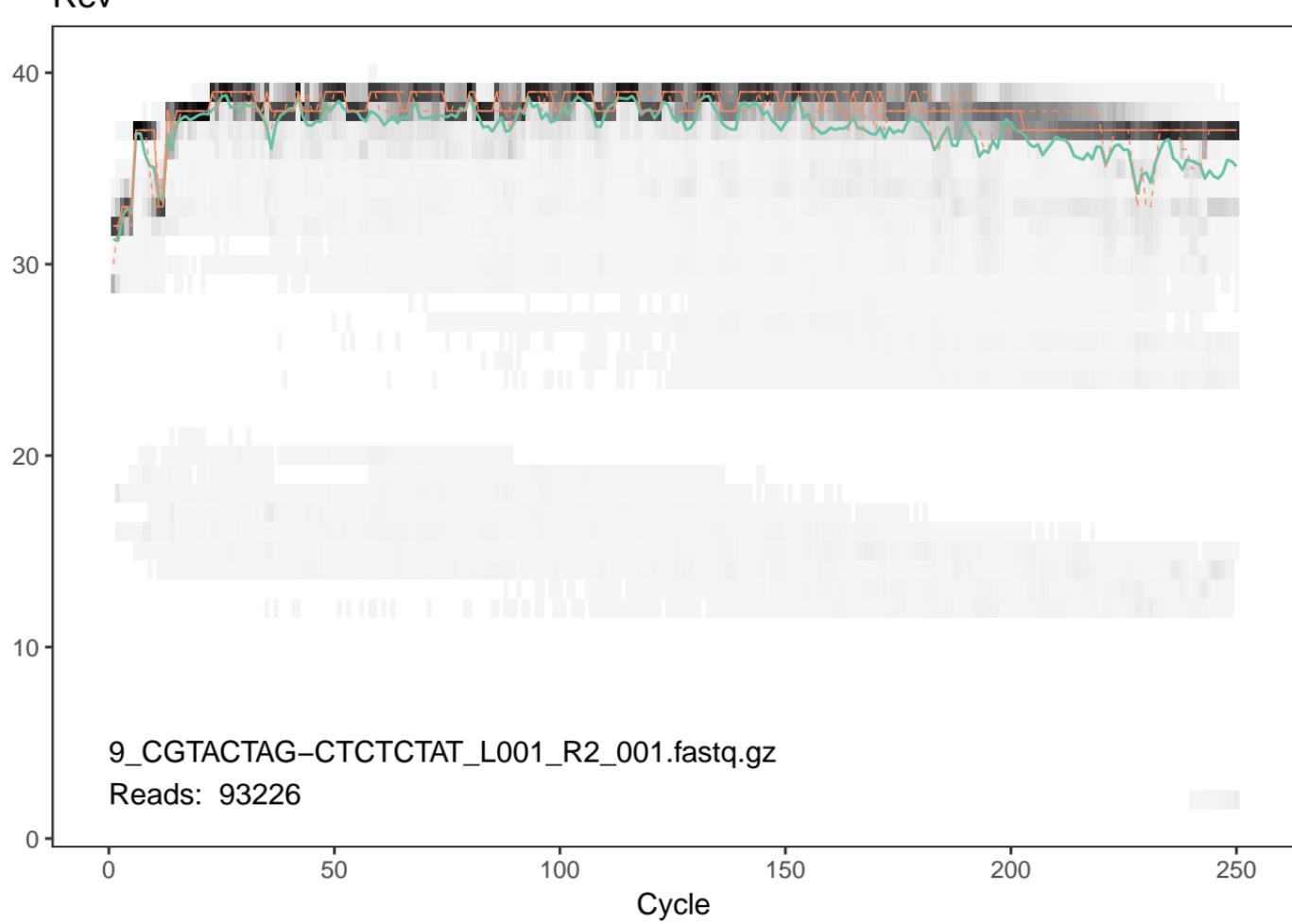
Rev

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

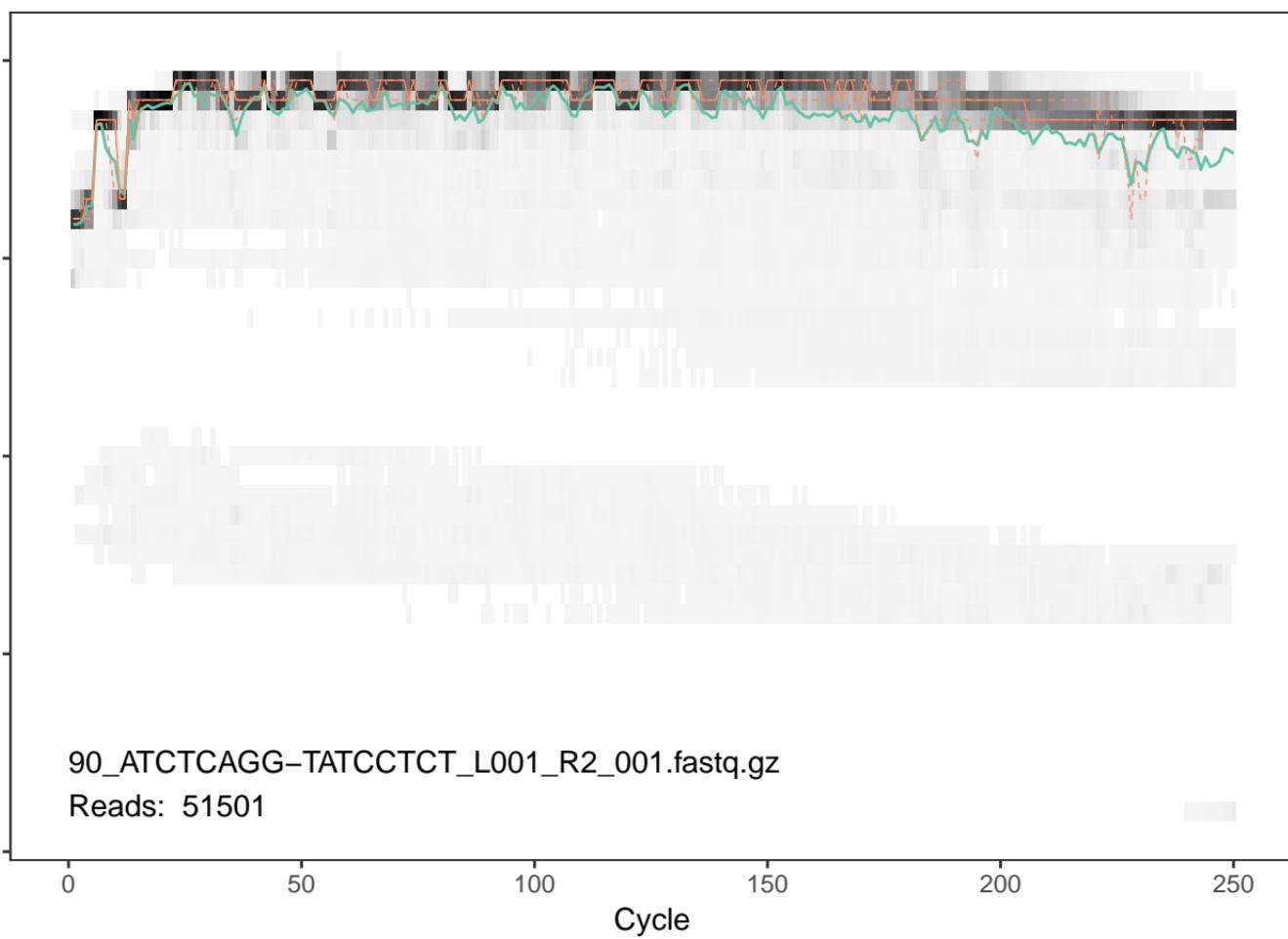
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

10

0

50

100

150

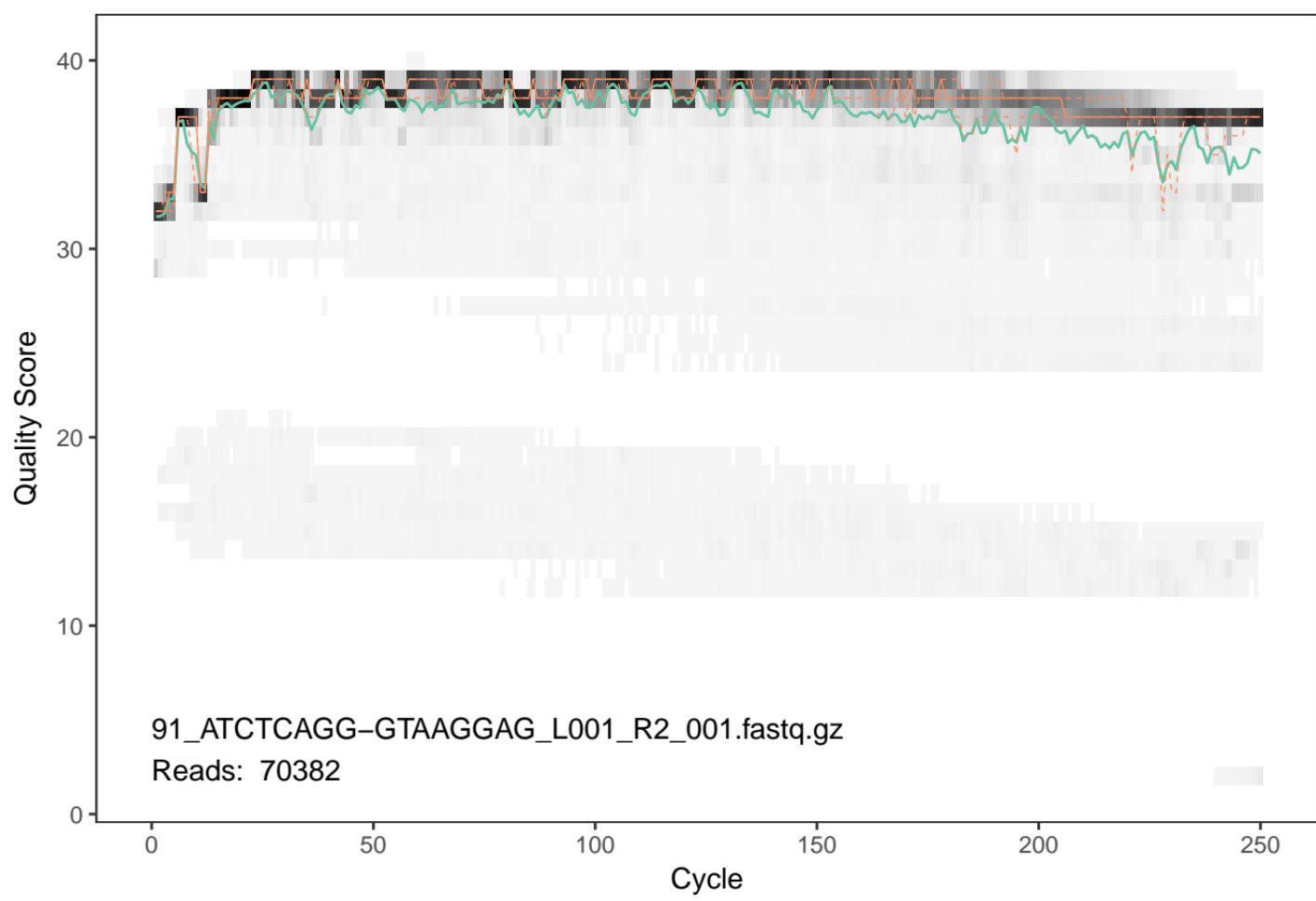
200

250

Cycle

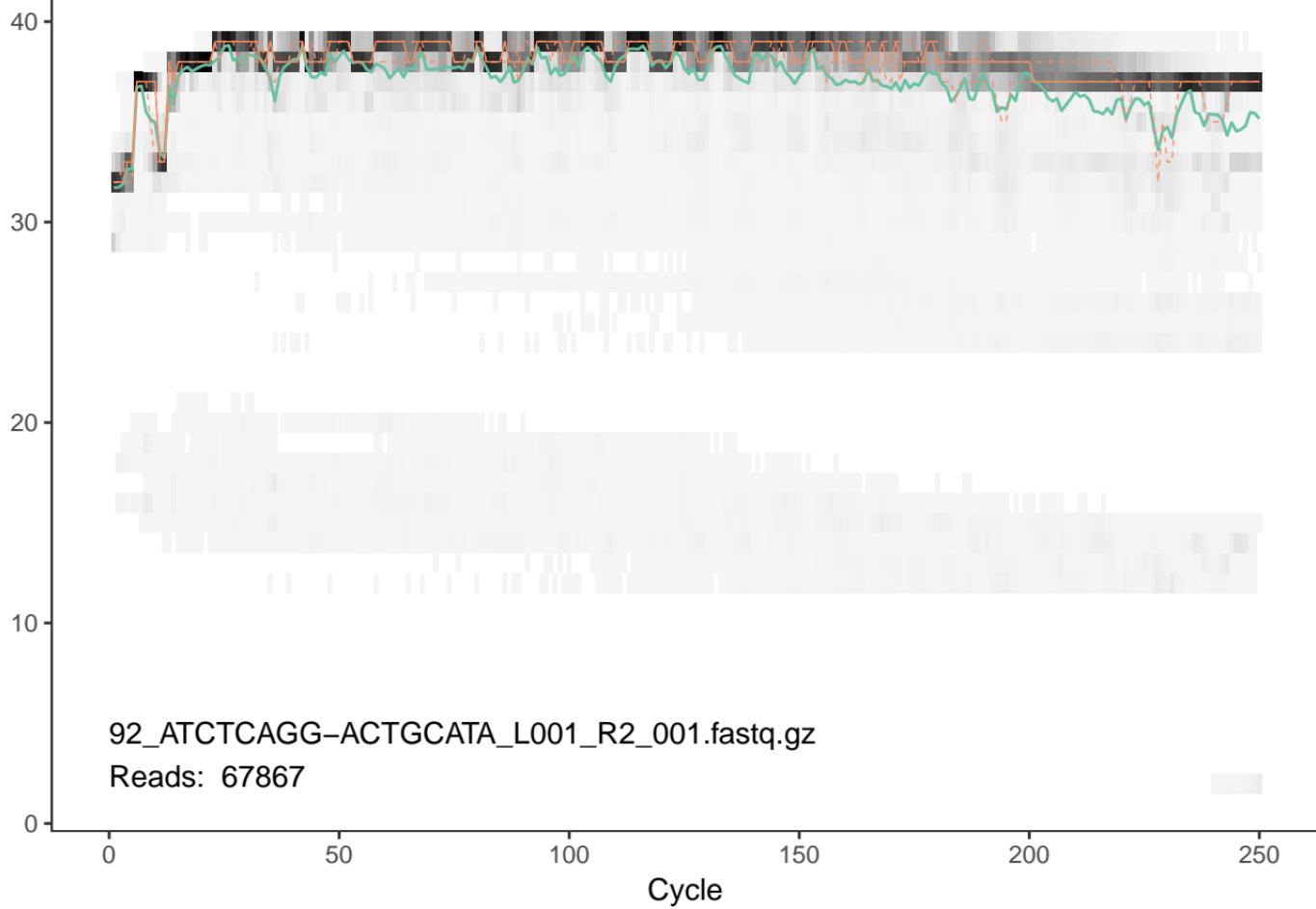
91\_ATCTCAGG-GTAAGGAG\_L001\_R2\_001.fastq.gz

Reads: 70382



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

93\_ATCTCAGG-AAGGAGTA\_L001\_R2\_001.fastq.gz

Reads: 93761

0

50

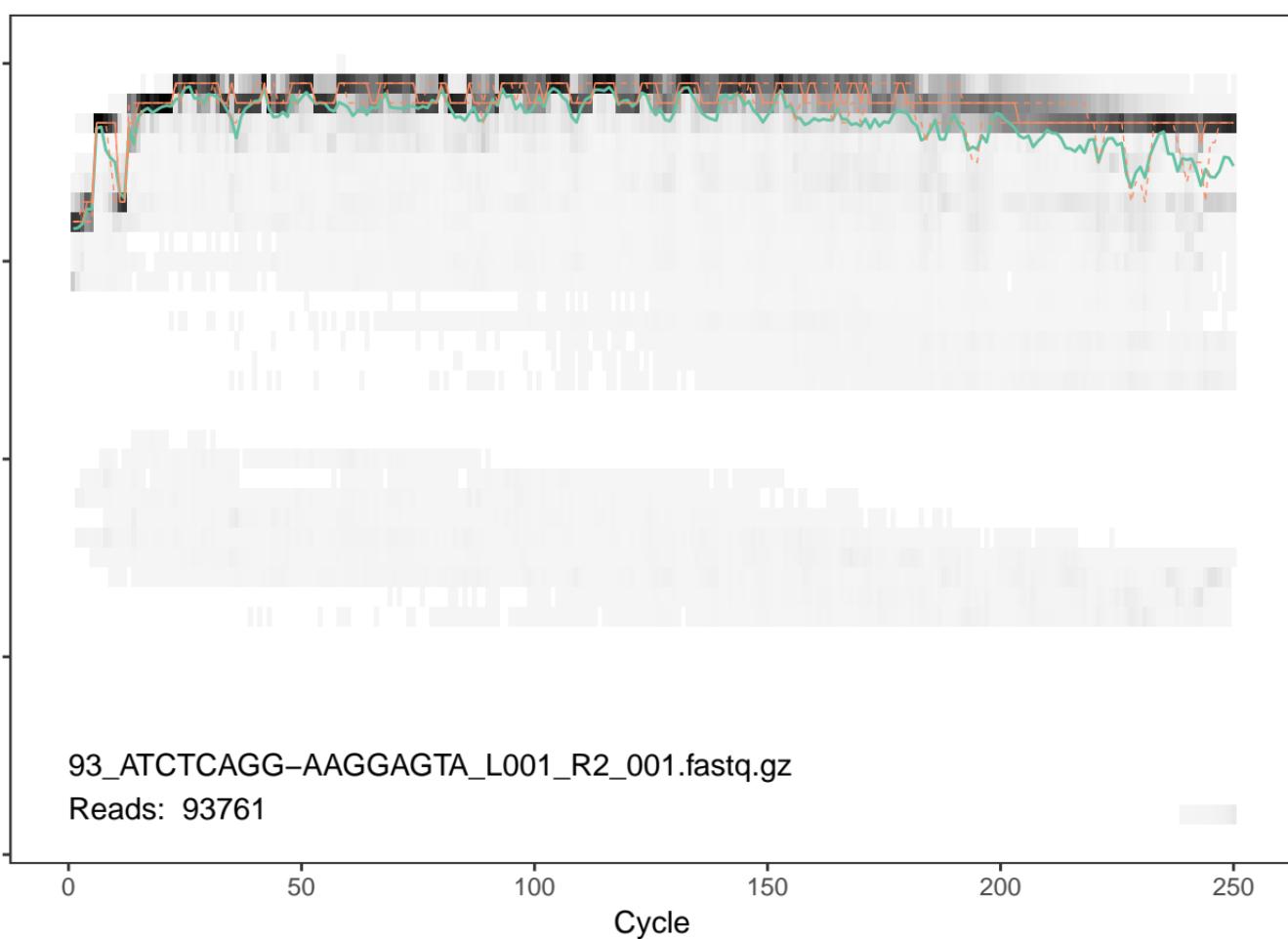
100

150

200

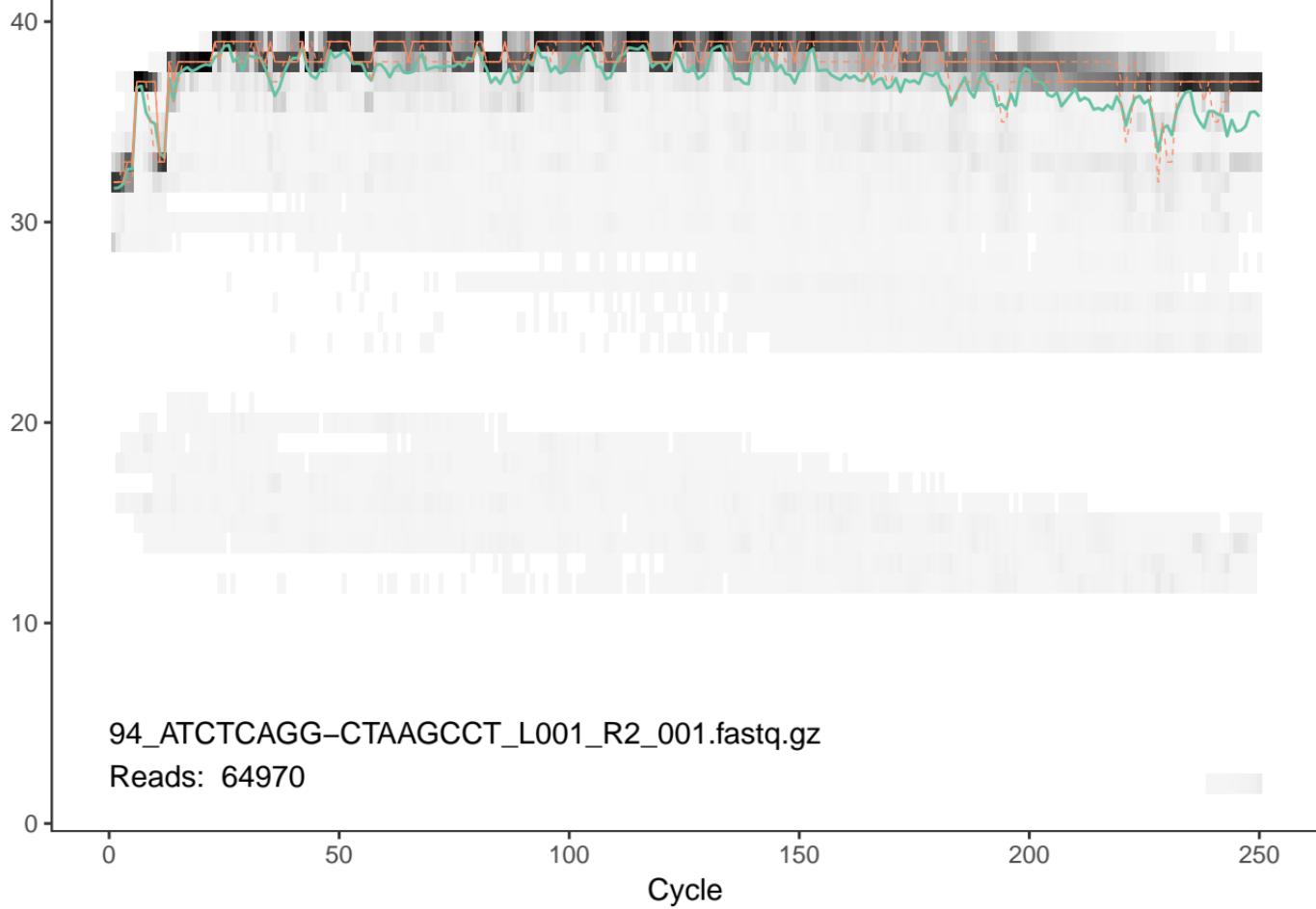
250

Cycle



Rev

Quality Score



Rev

Quality Score

40

30

20

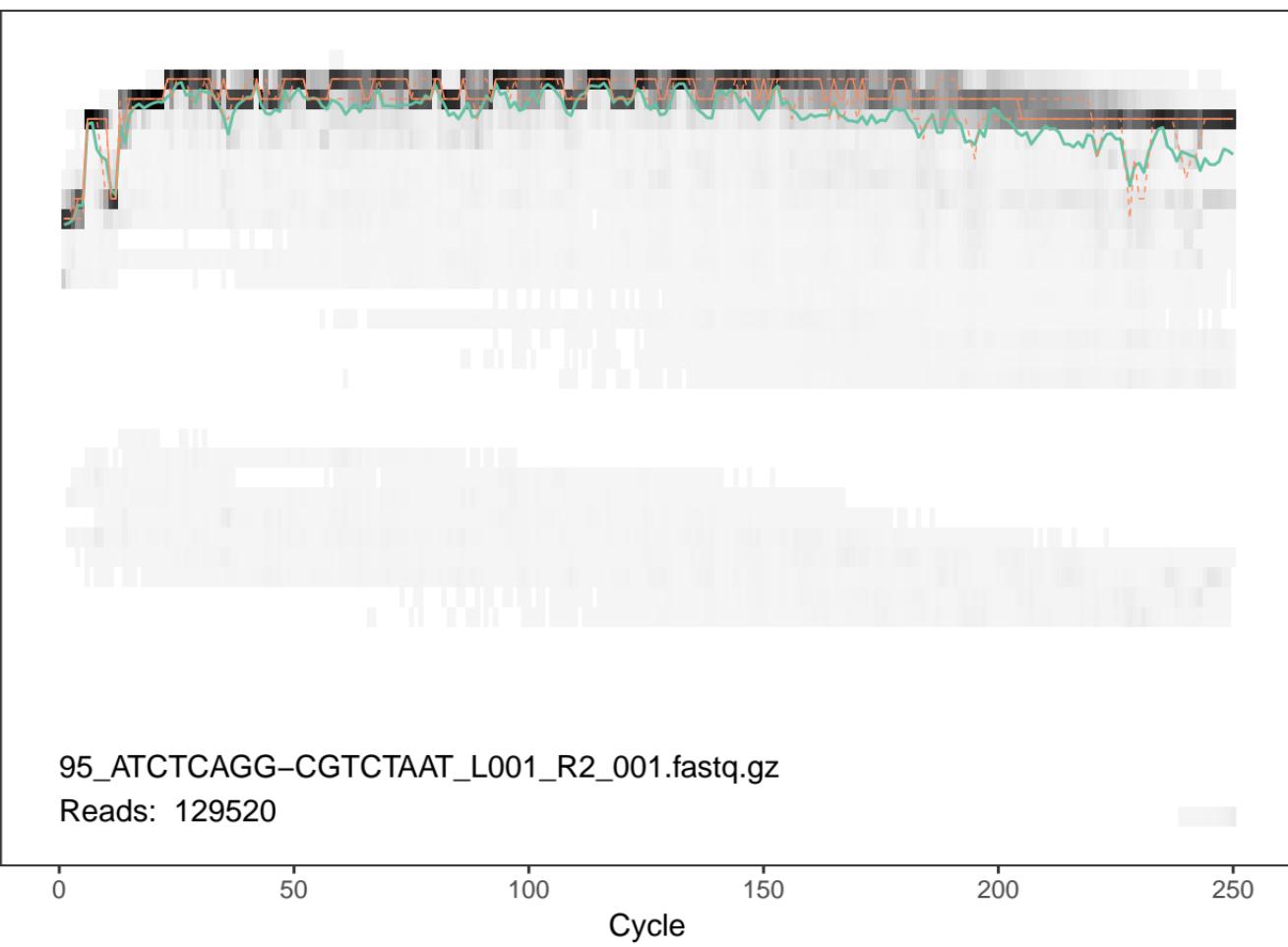
10

0

Cycle

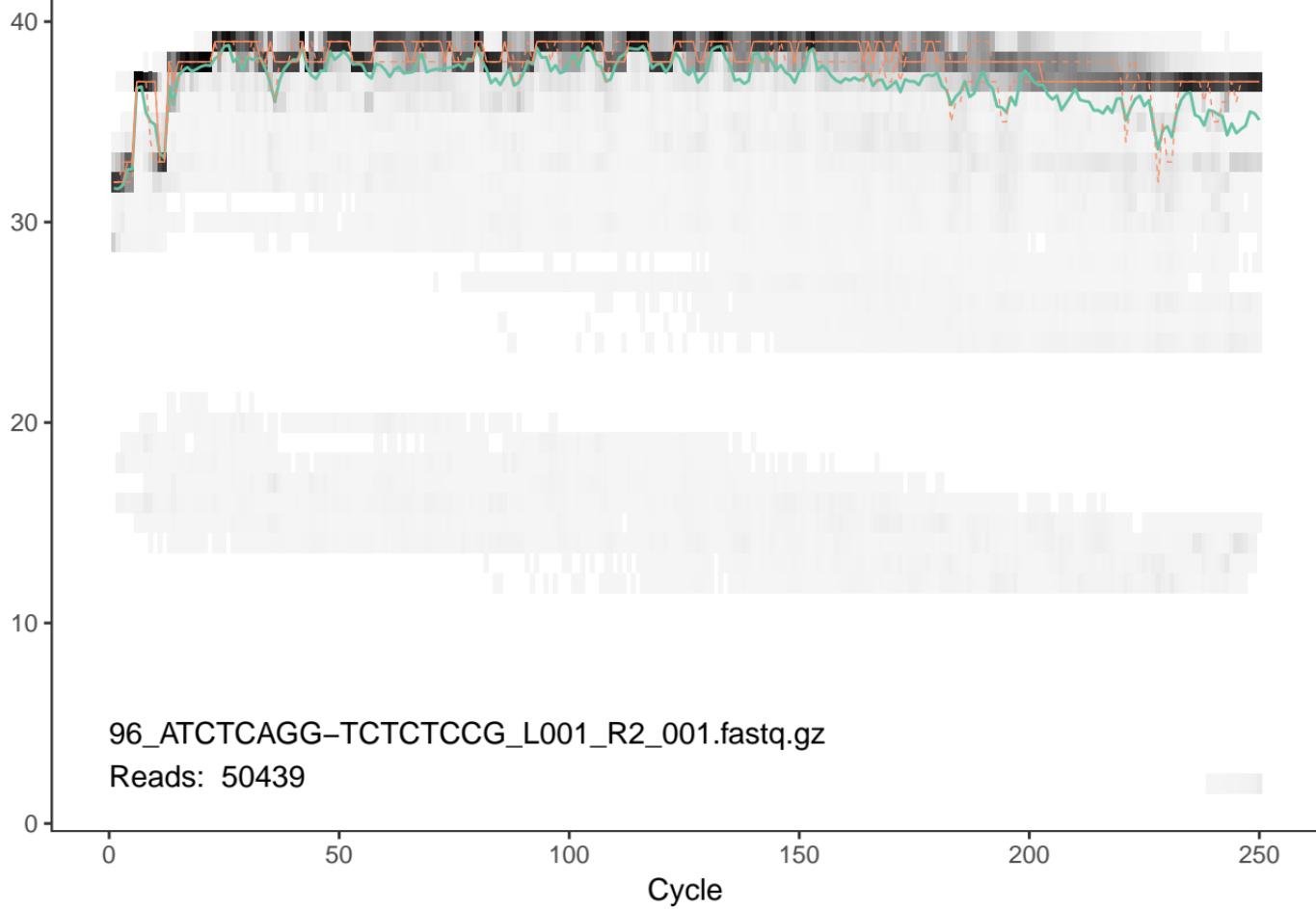
95\_ATCTCAGG-CGTCTAAT\_L001\_R2\_001.fastq.gz

Reads: 129520



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

97\_ACTCGCTA-CTCTCTAT\_L001\_R2\_001.fastq.gz

Reads: 108147

0

50

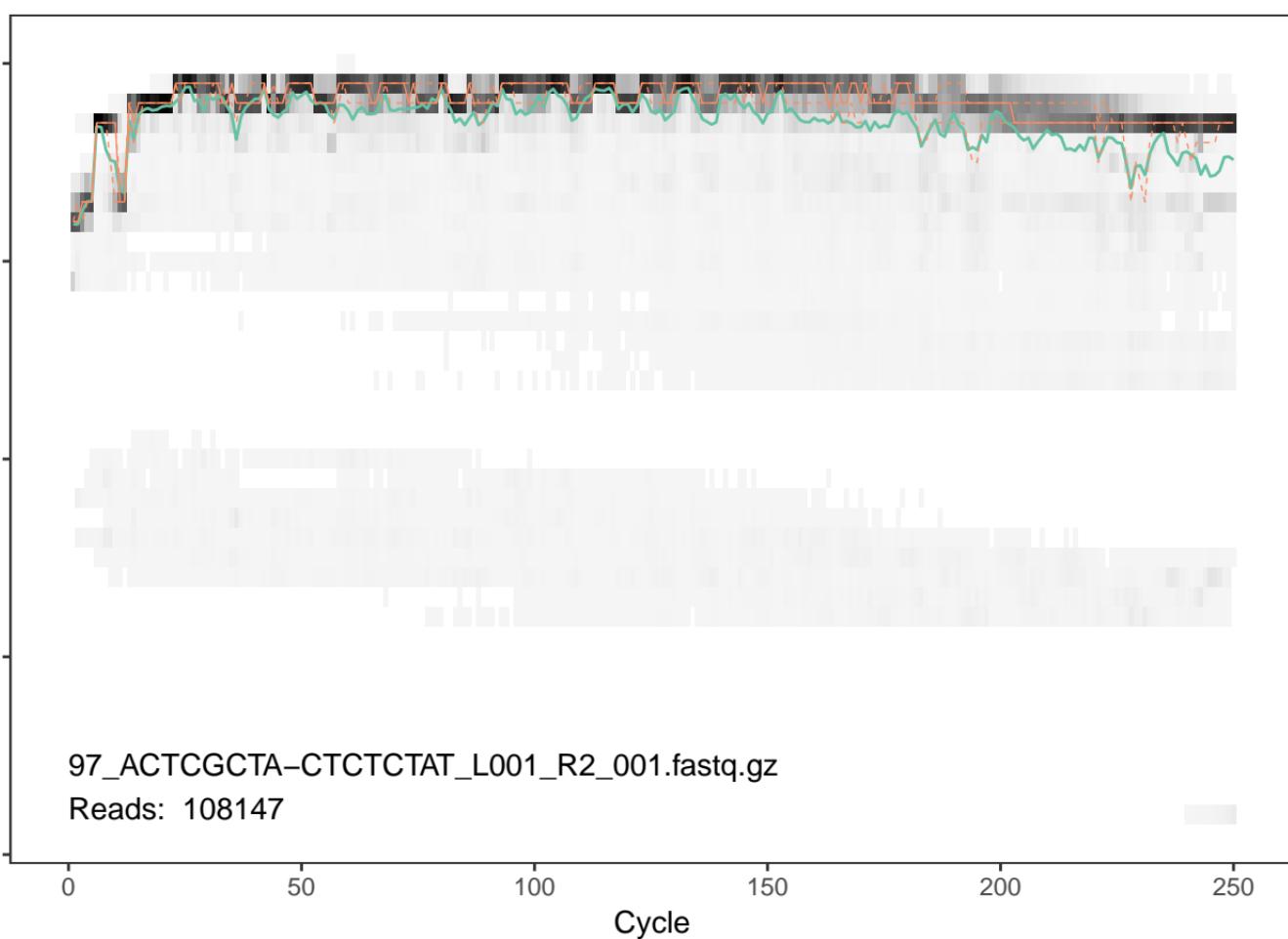
100

150

200

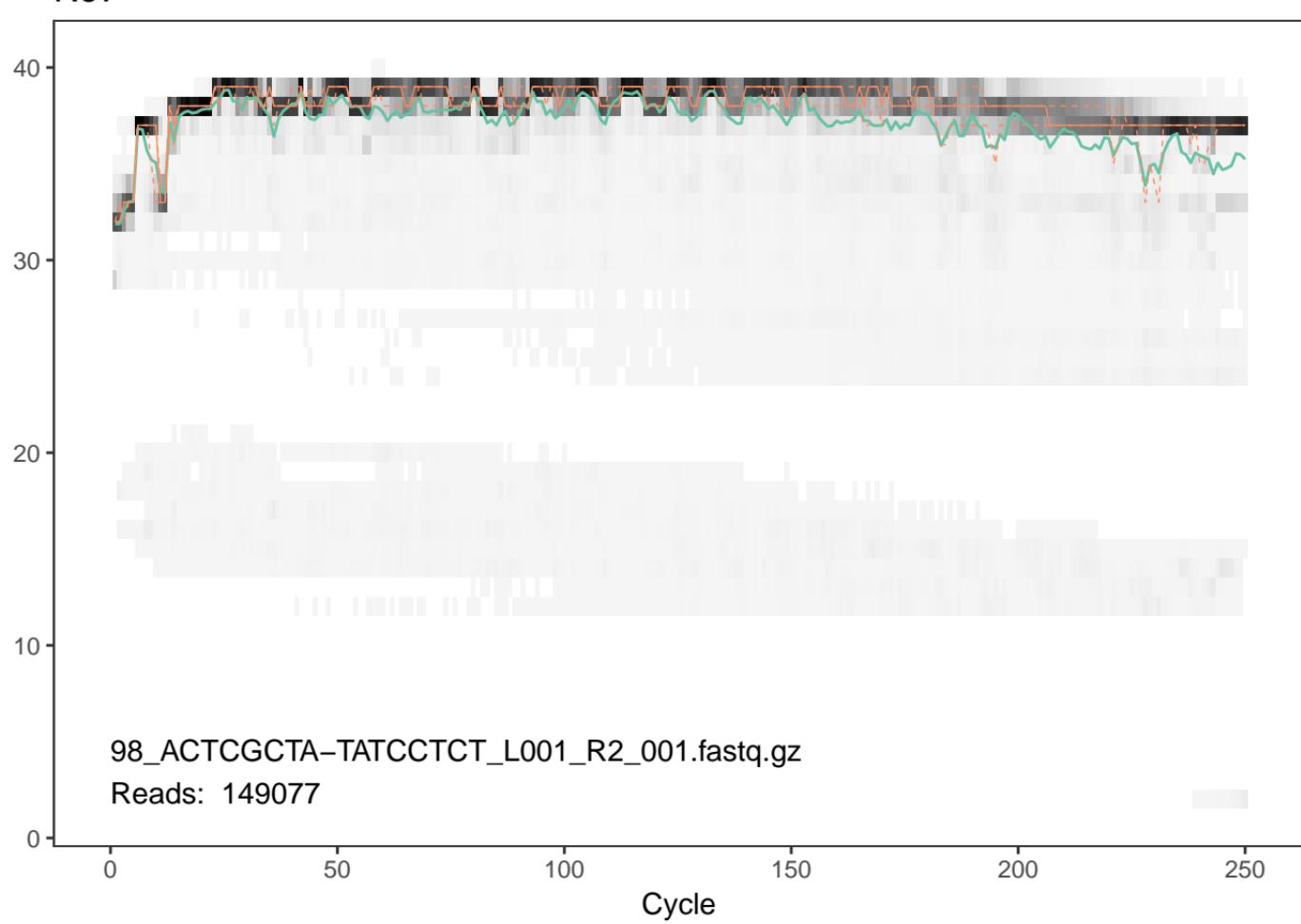
250

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

