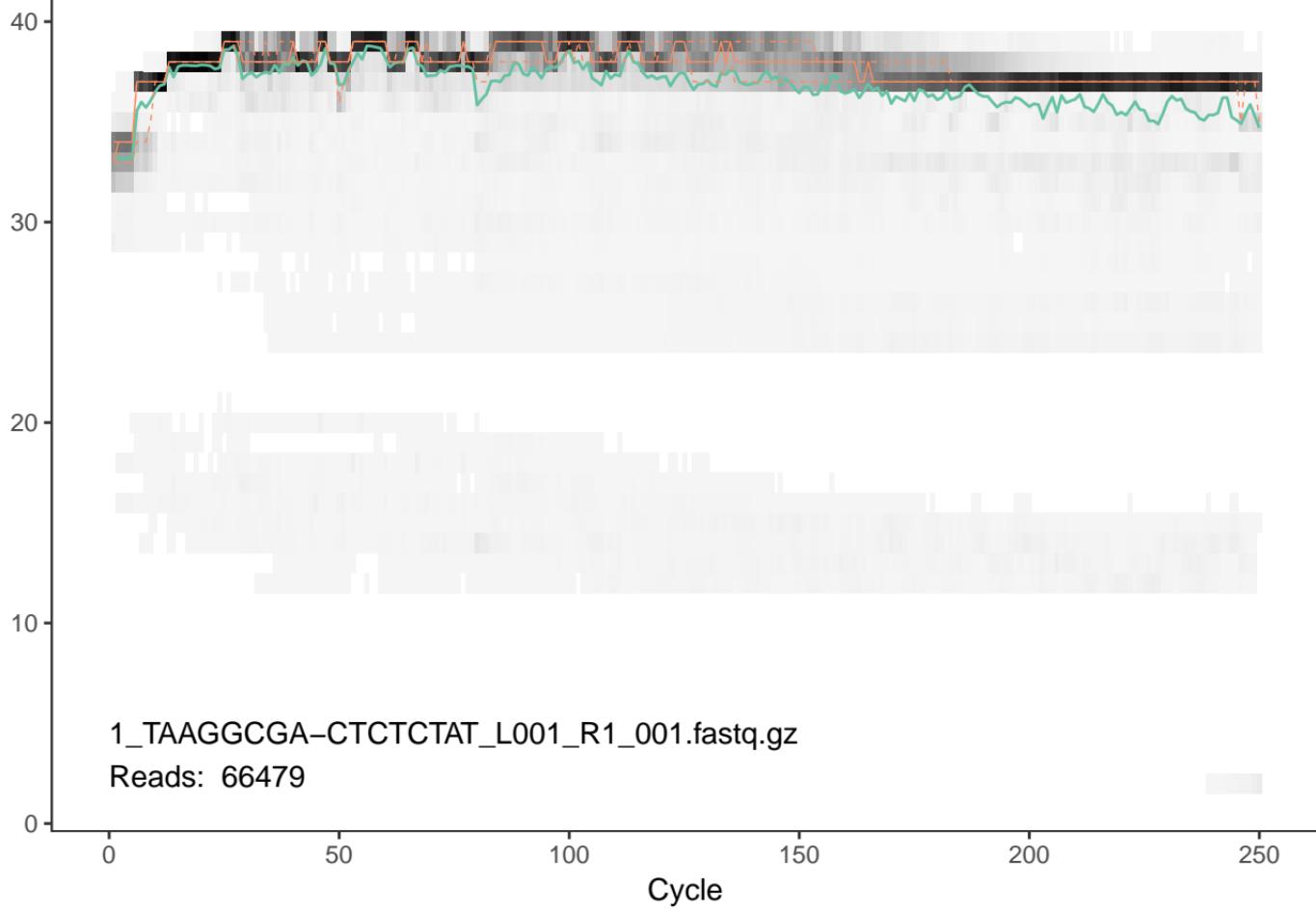


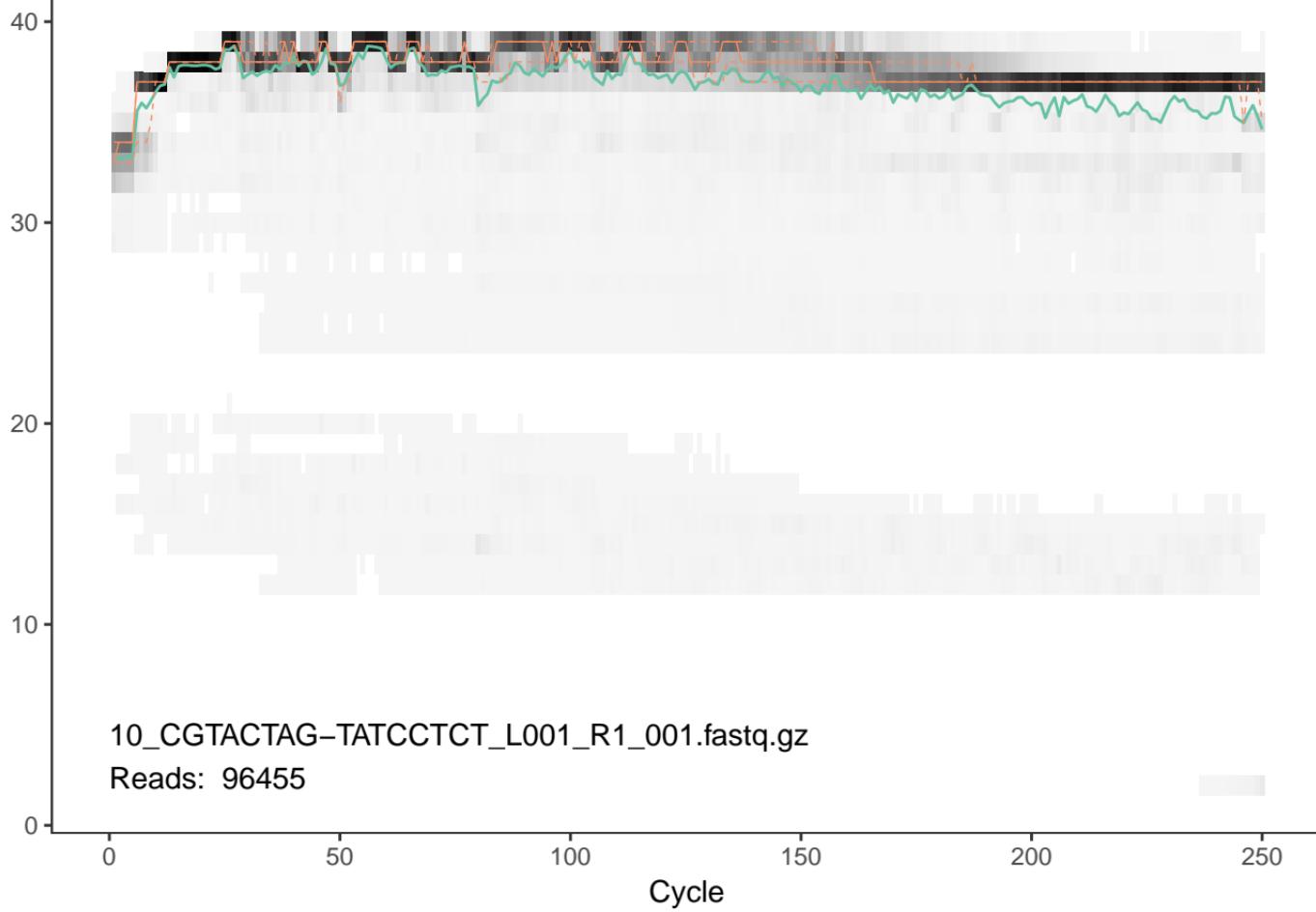
Fwd

Quality Score



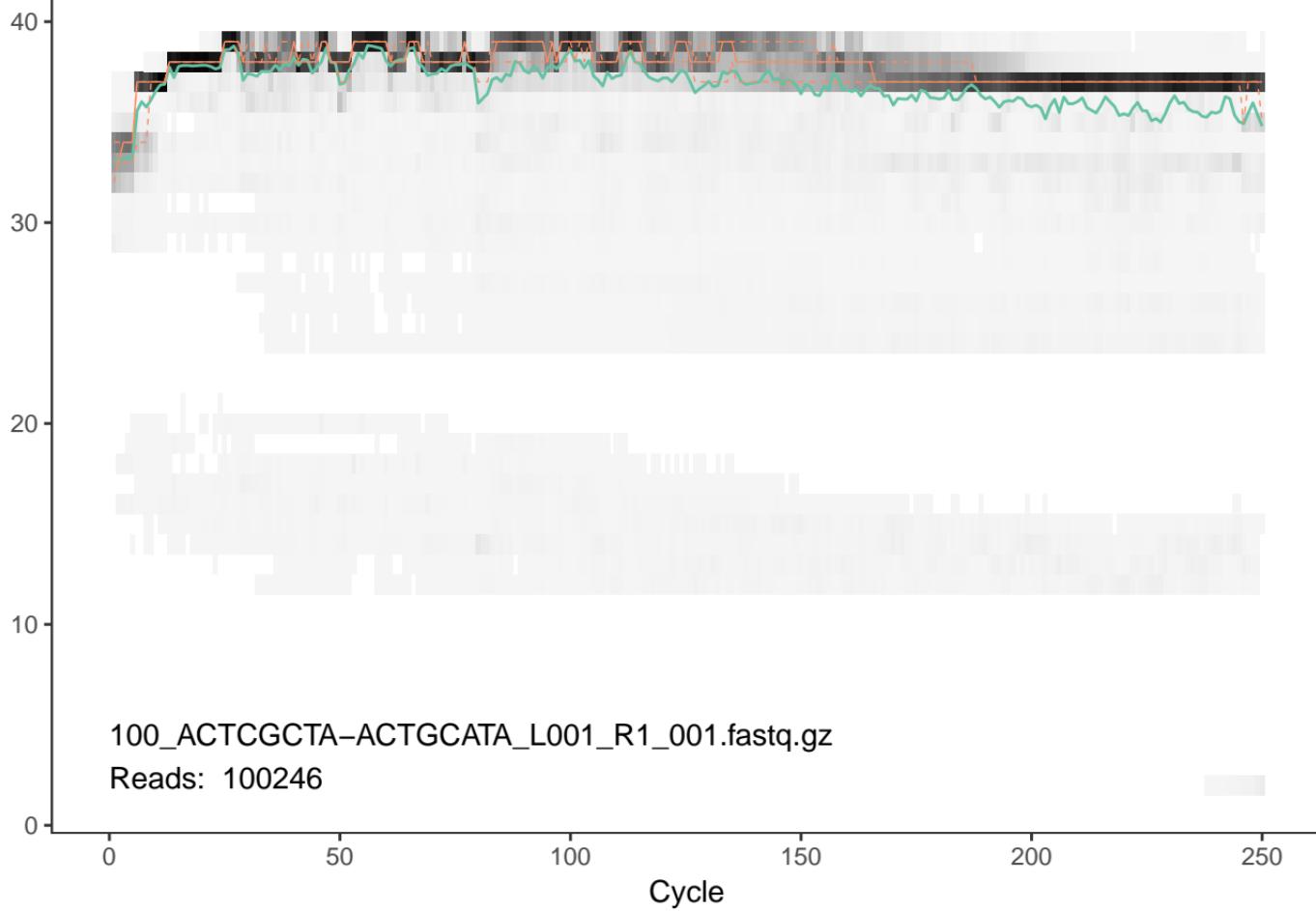
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Quality Score



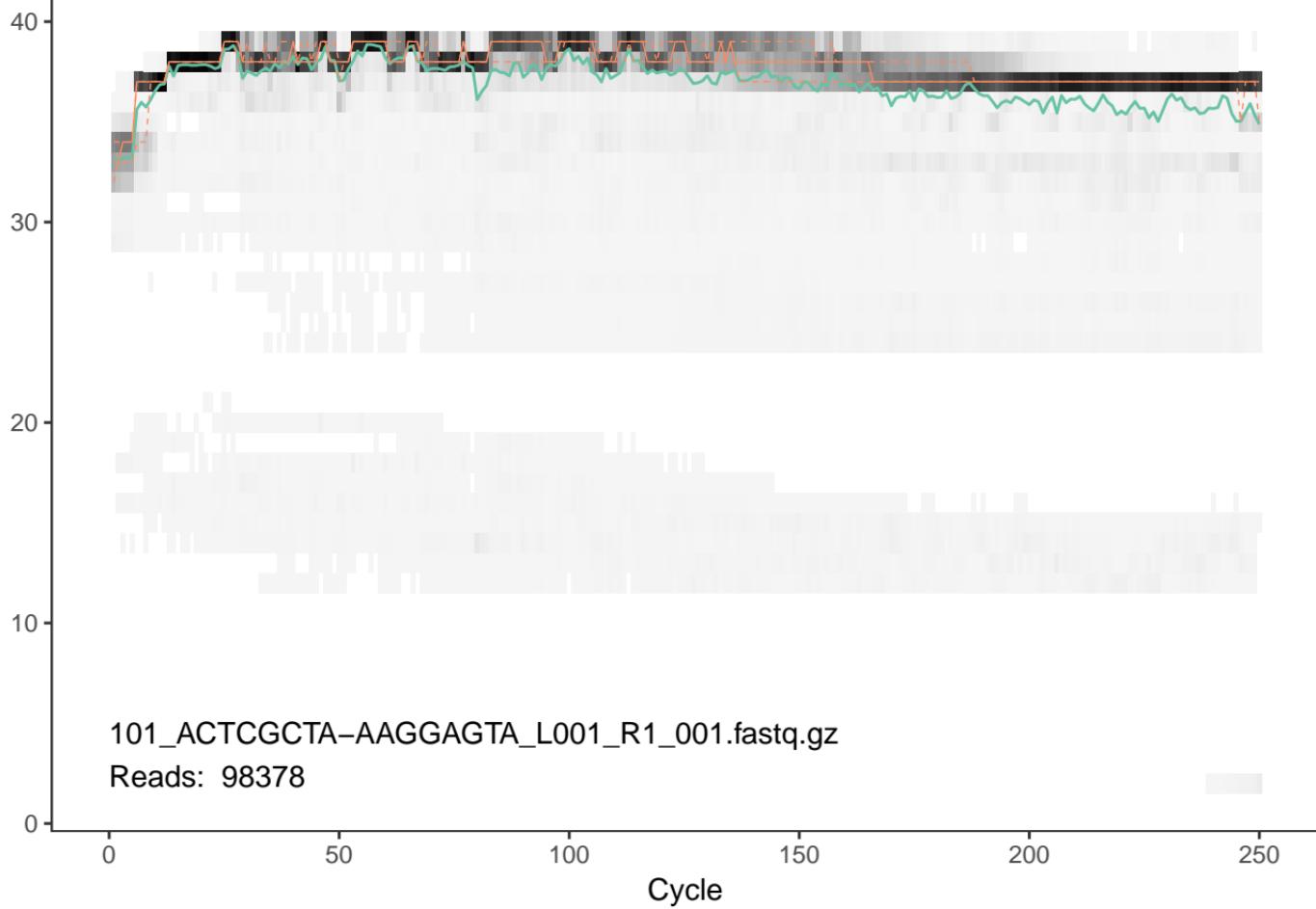
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Quality Score



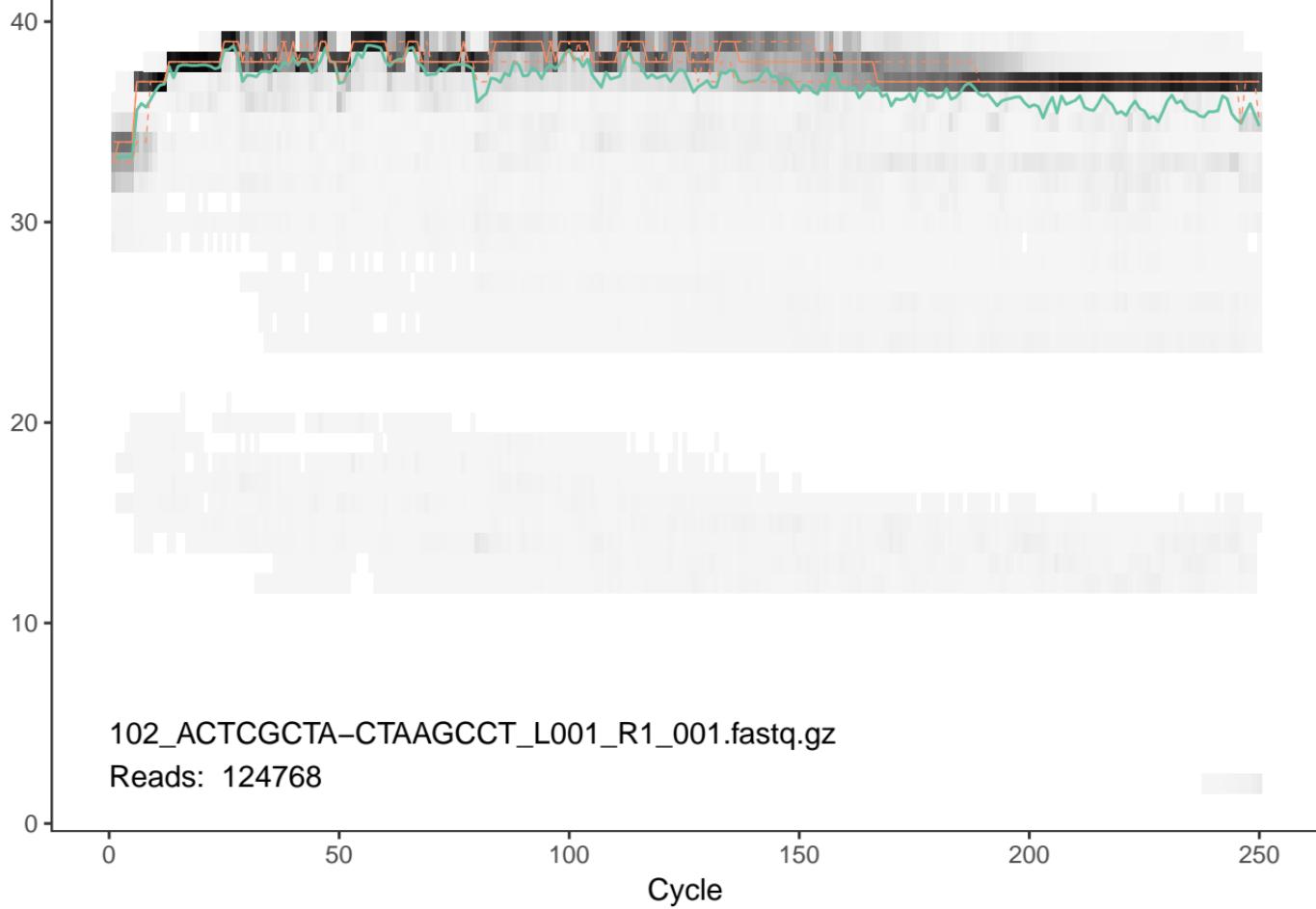
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Quality Score



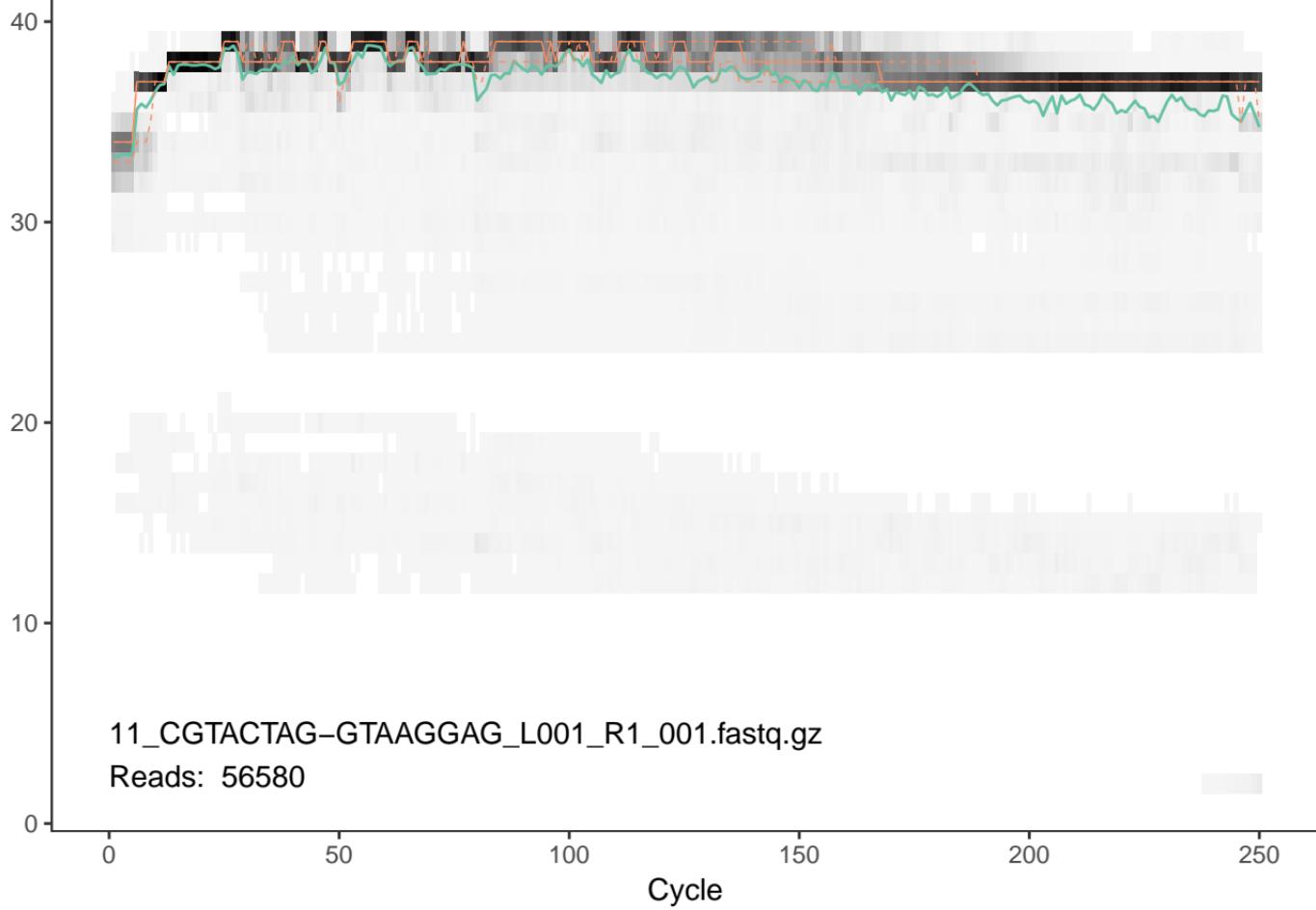
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Quality Score



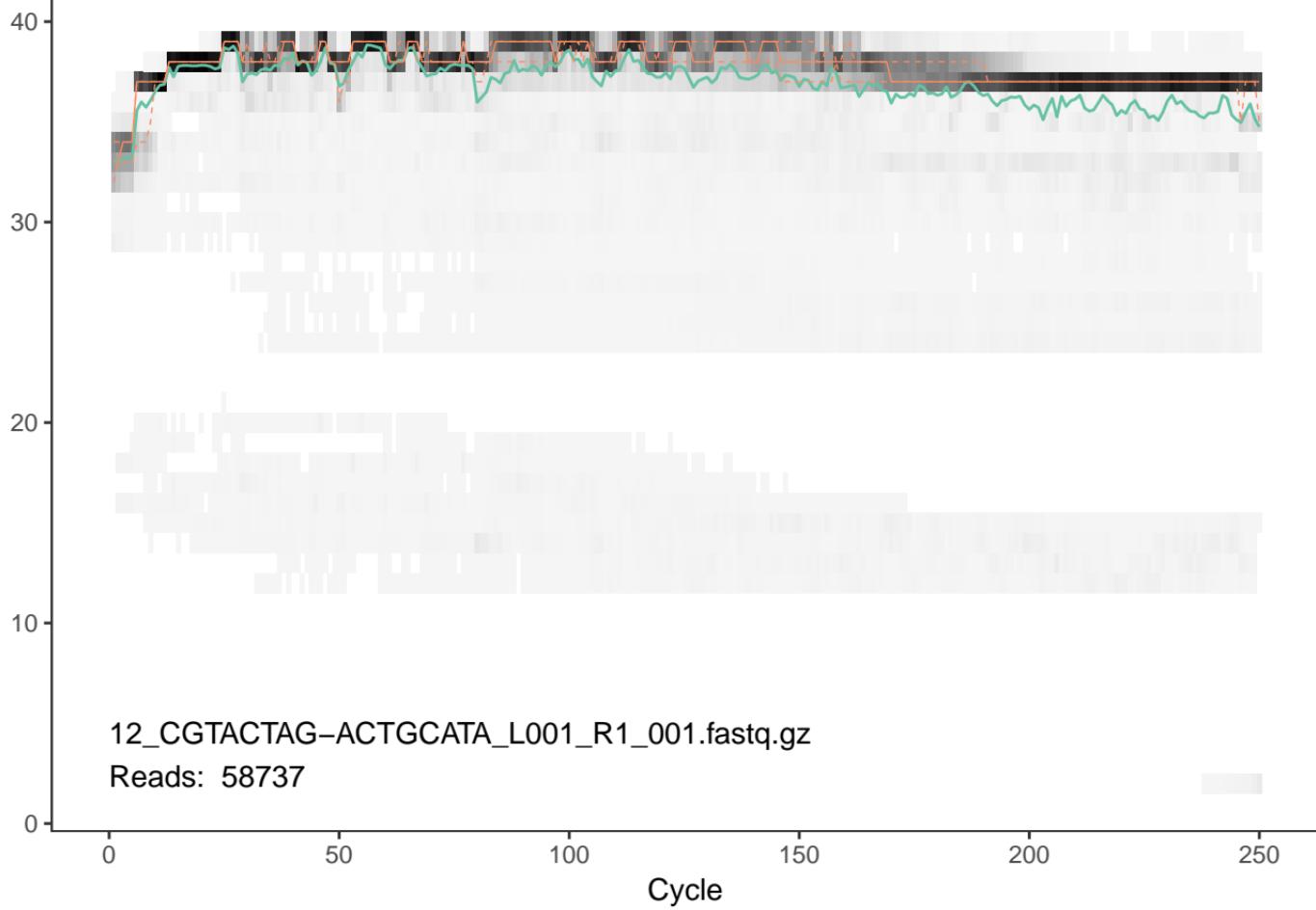
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Quality Score



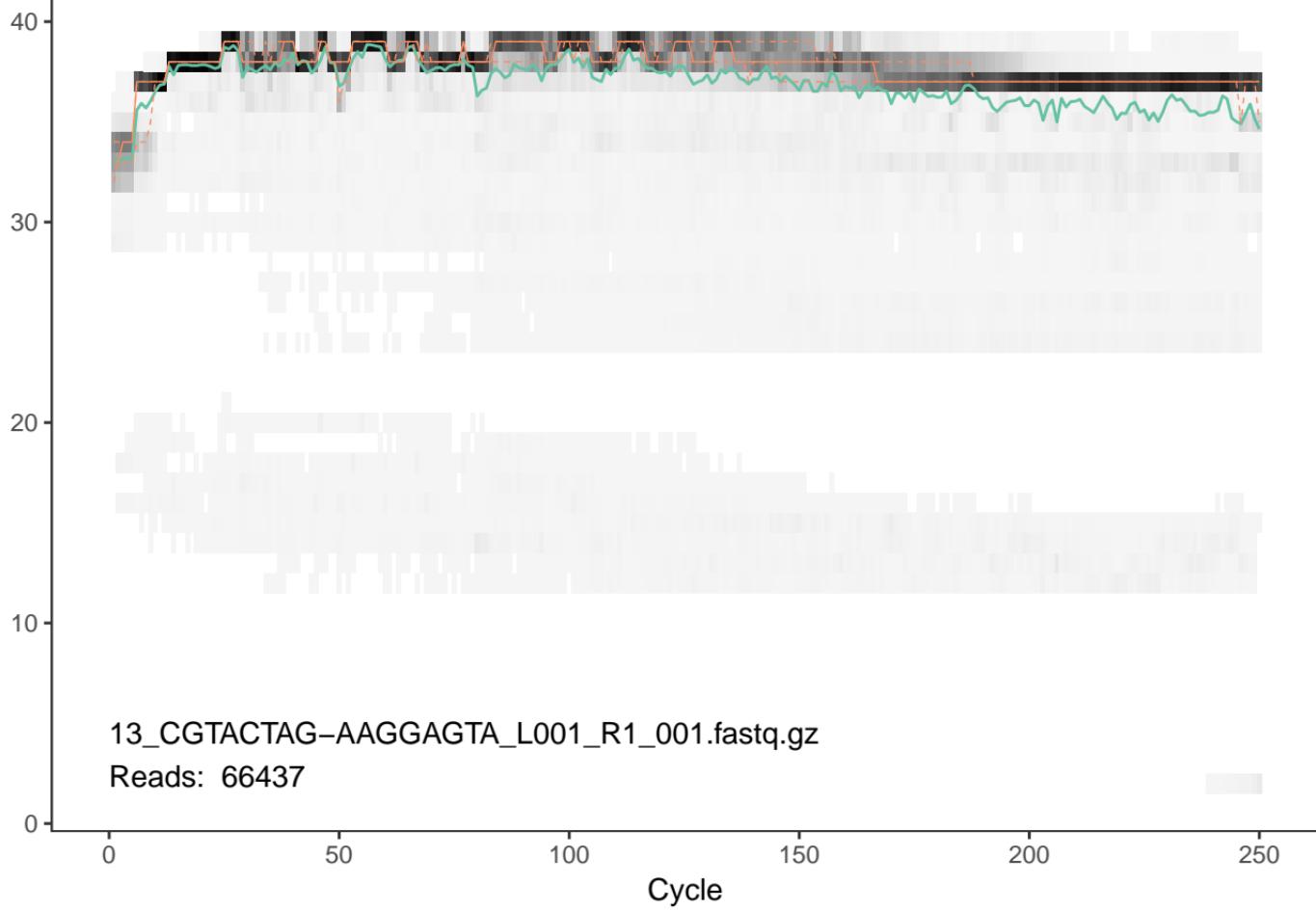
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Quality Score



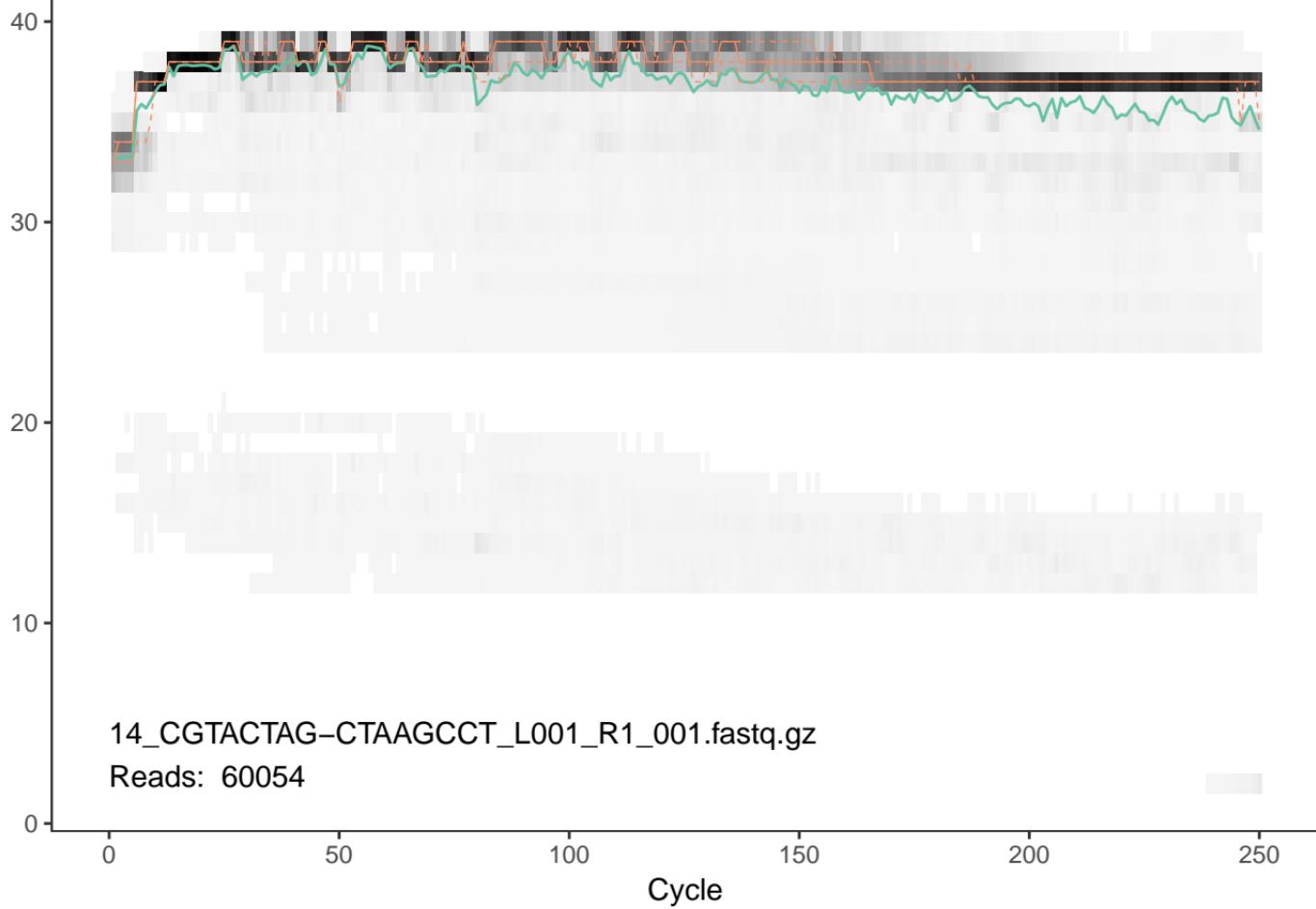
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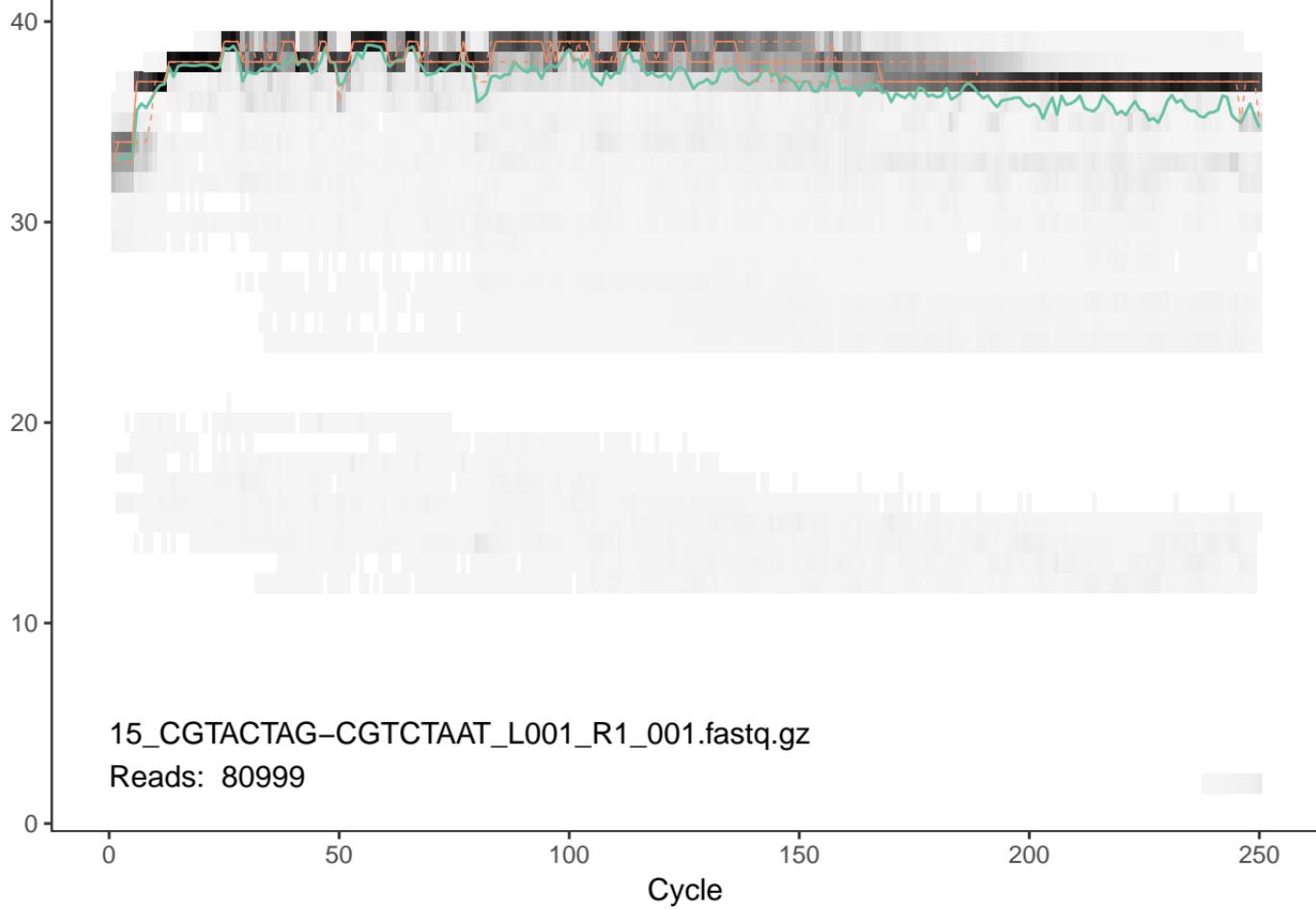
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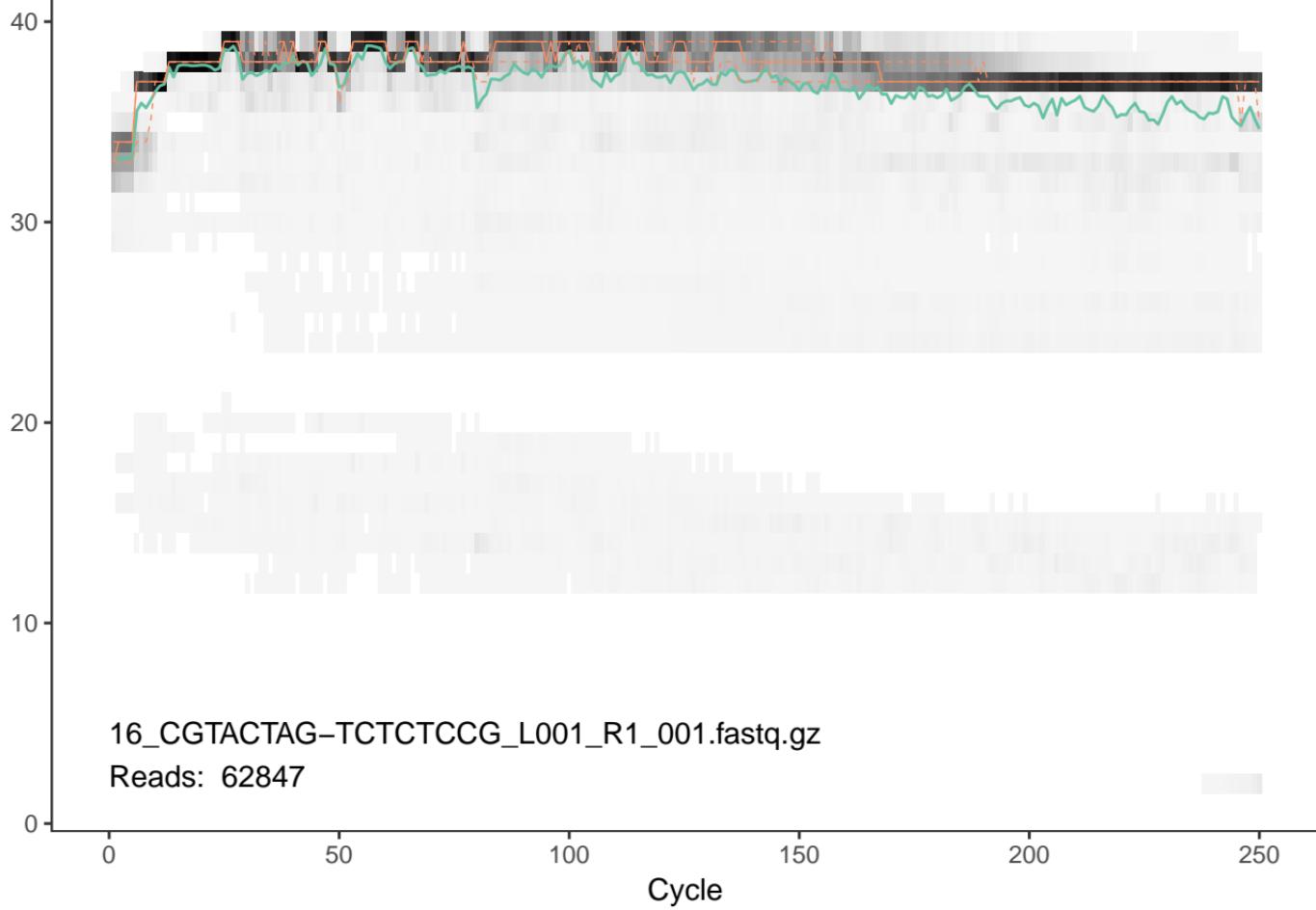
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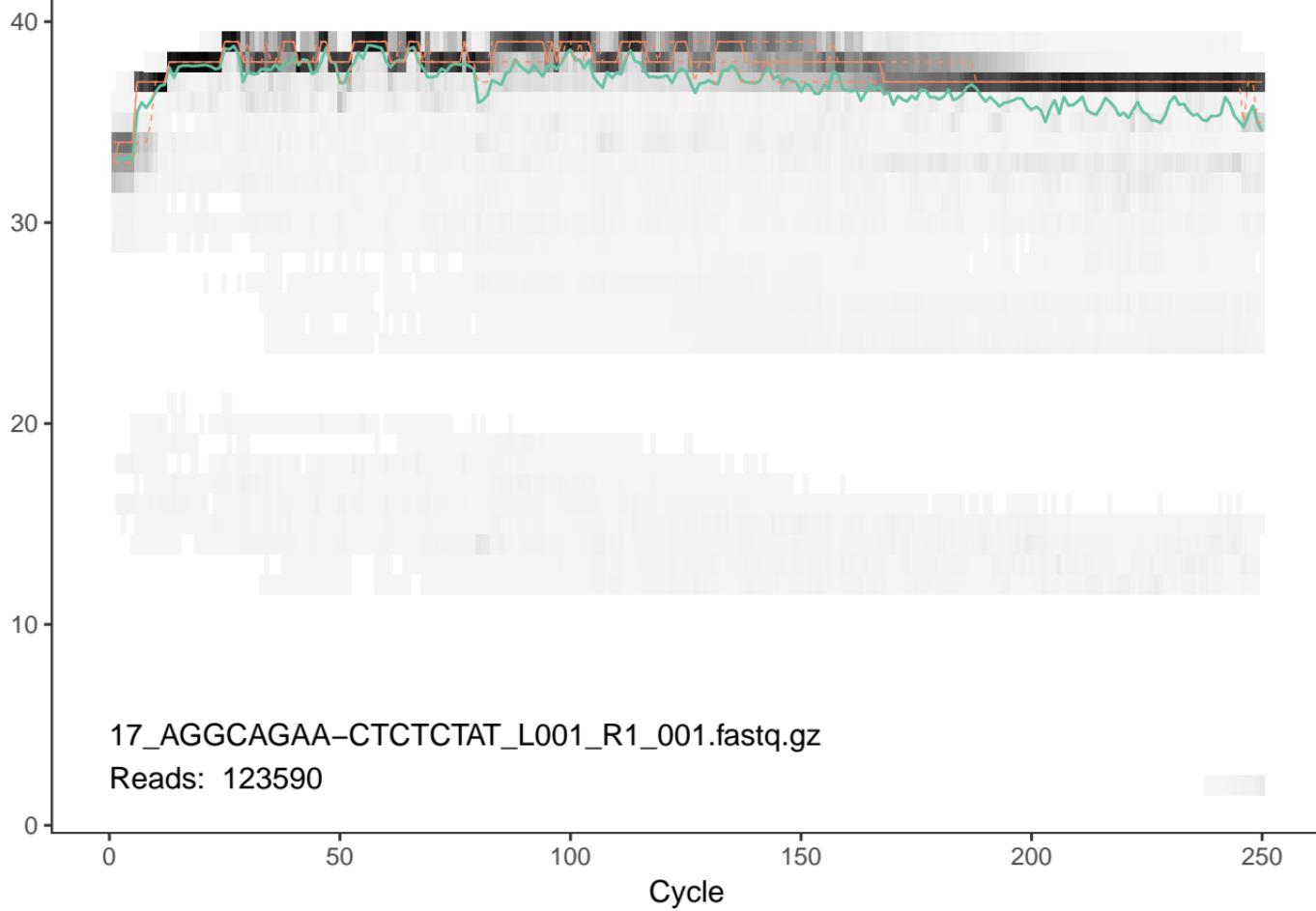
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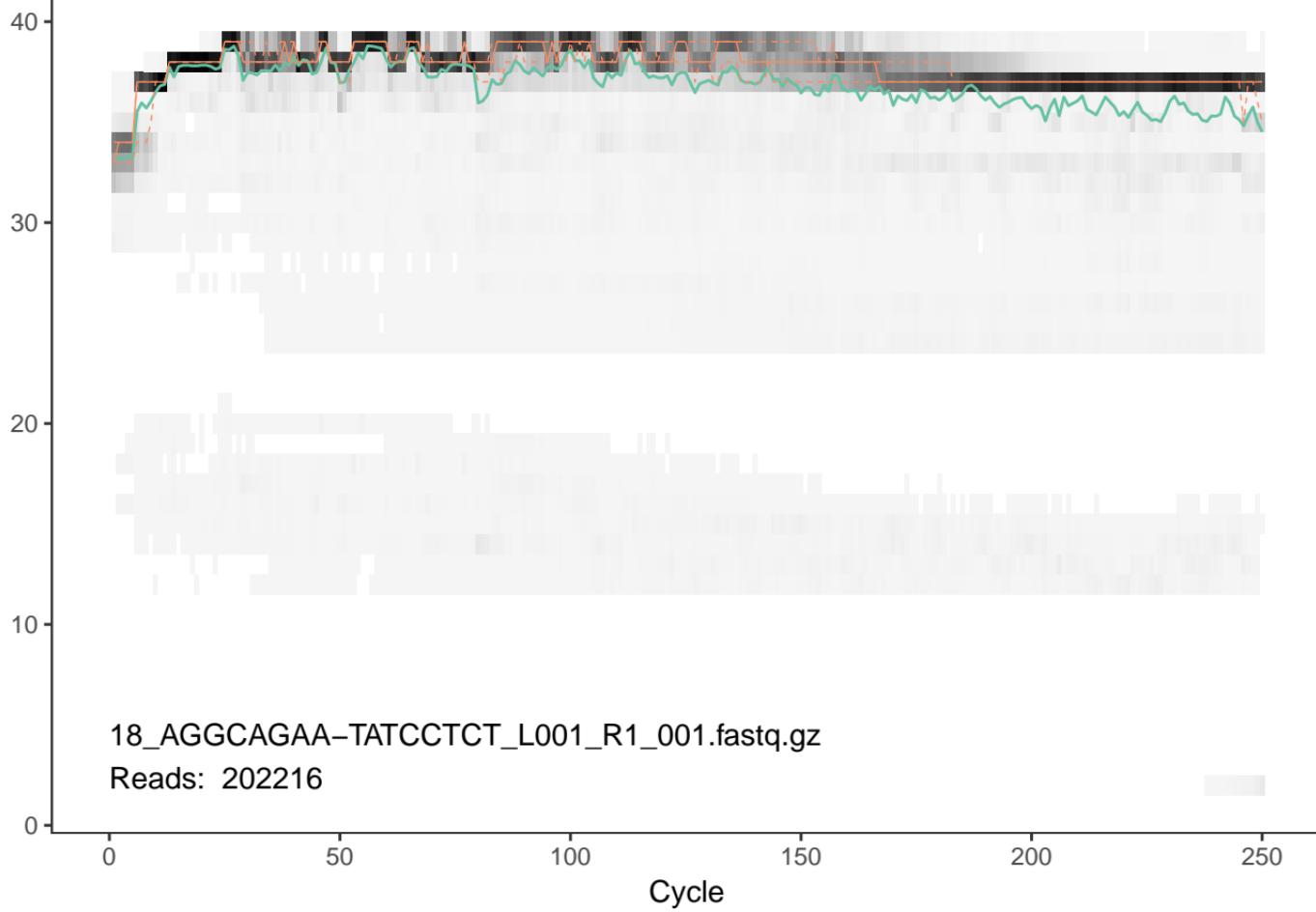
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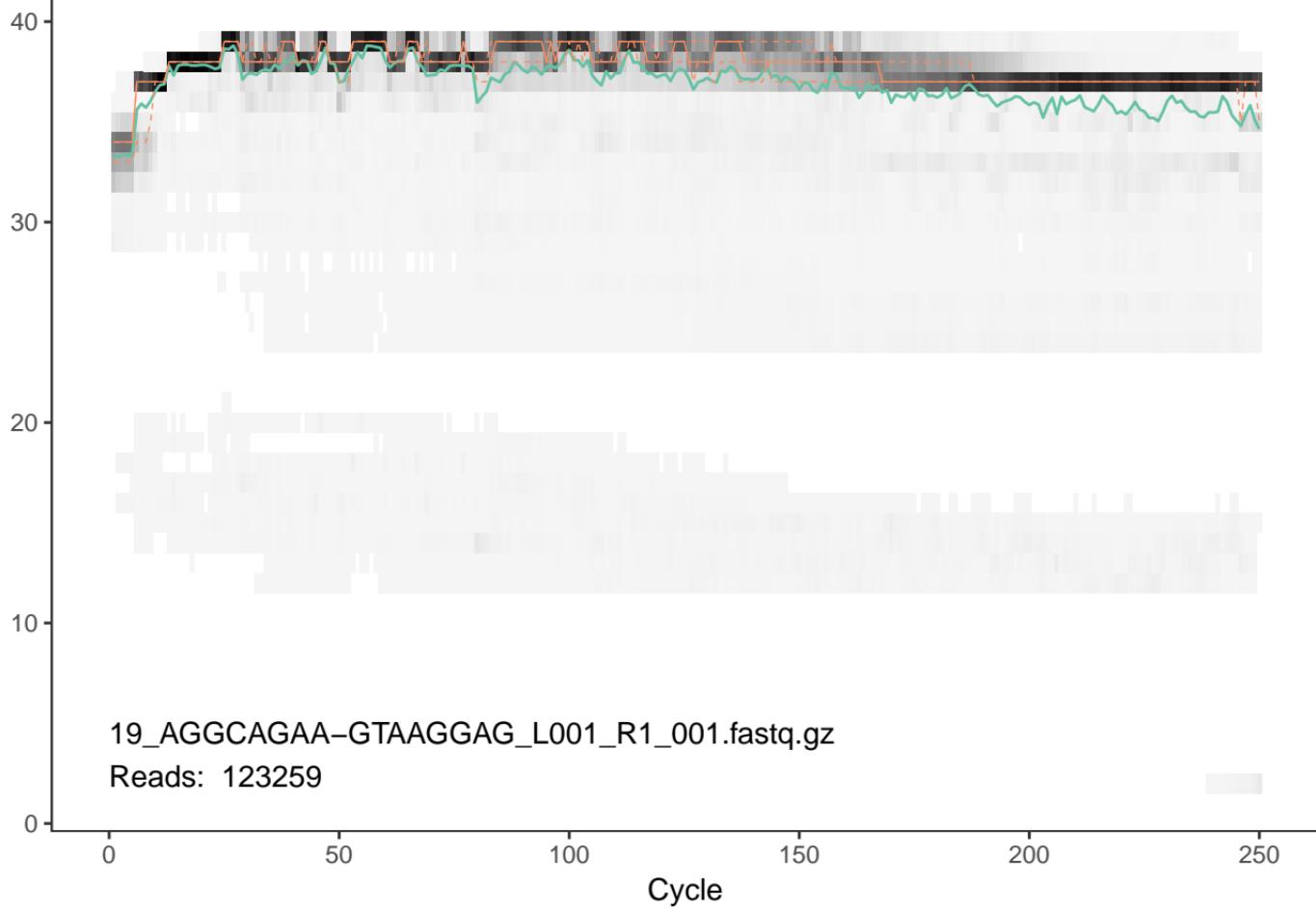
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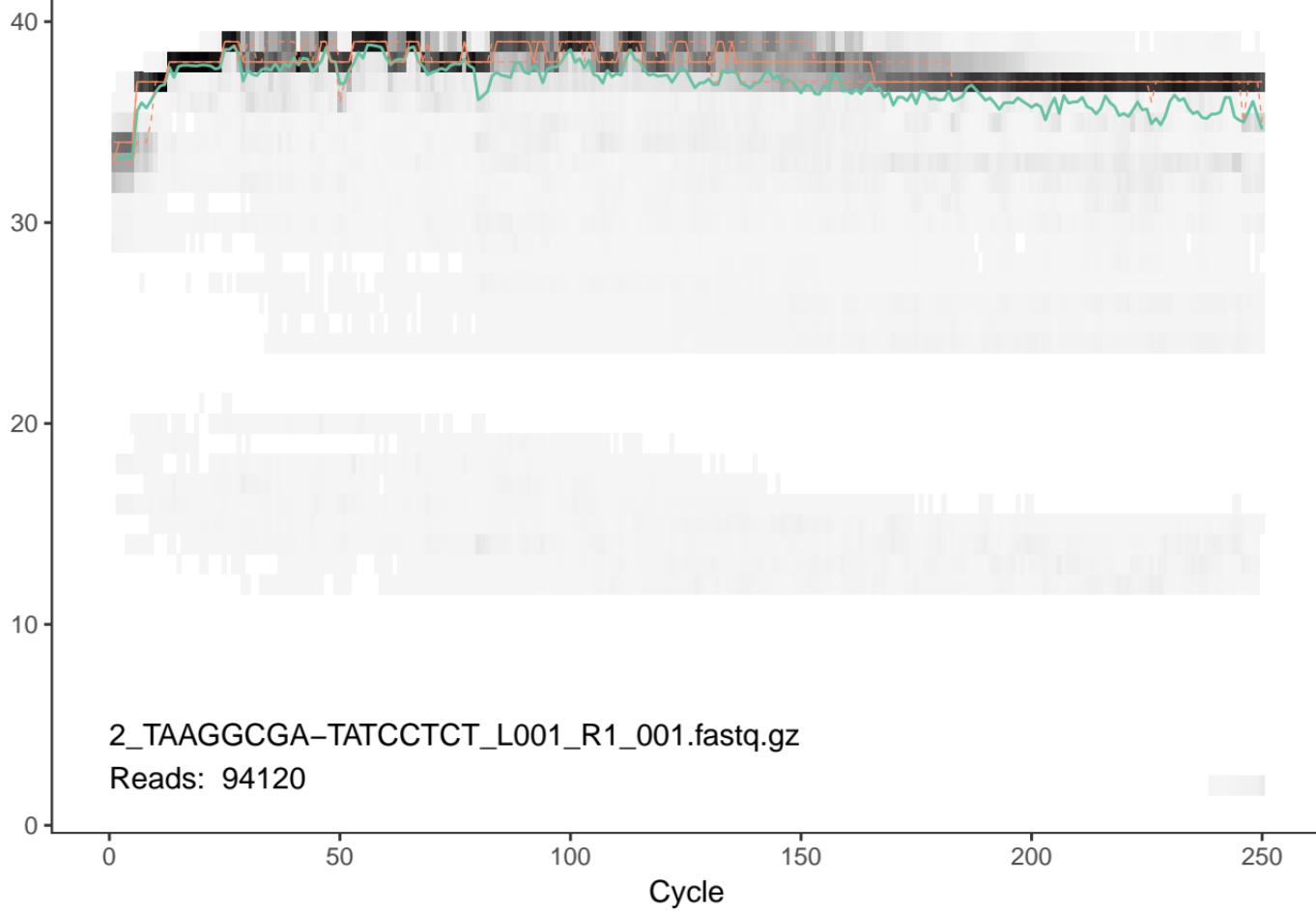
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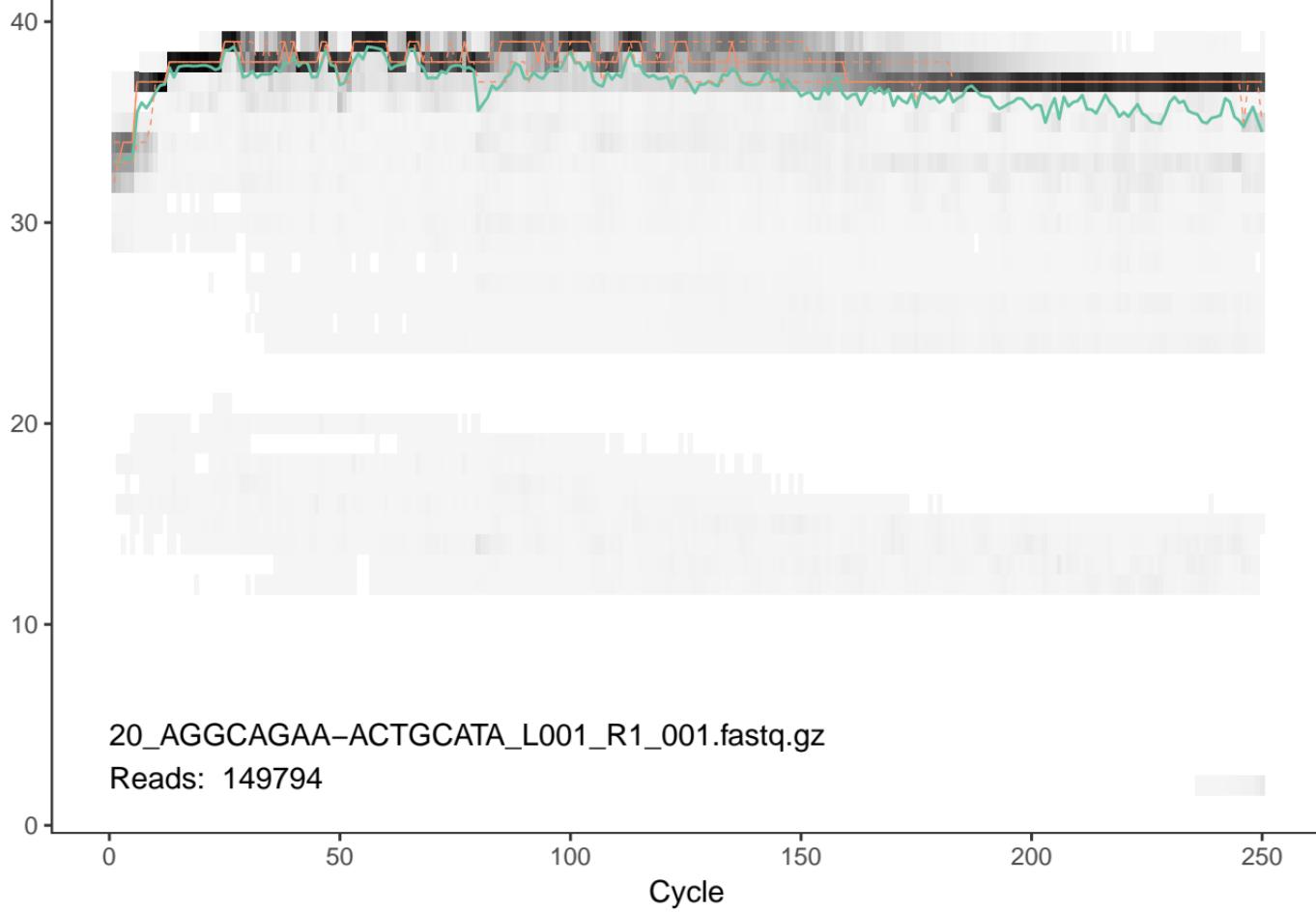
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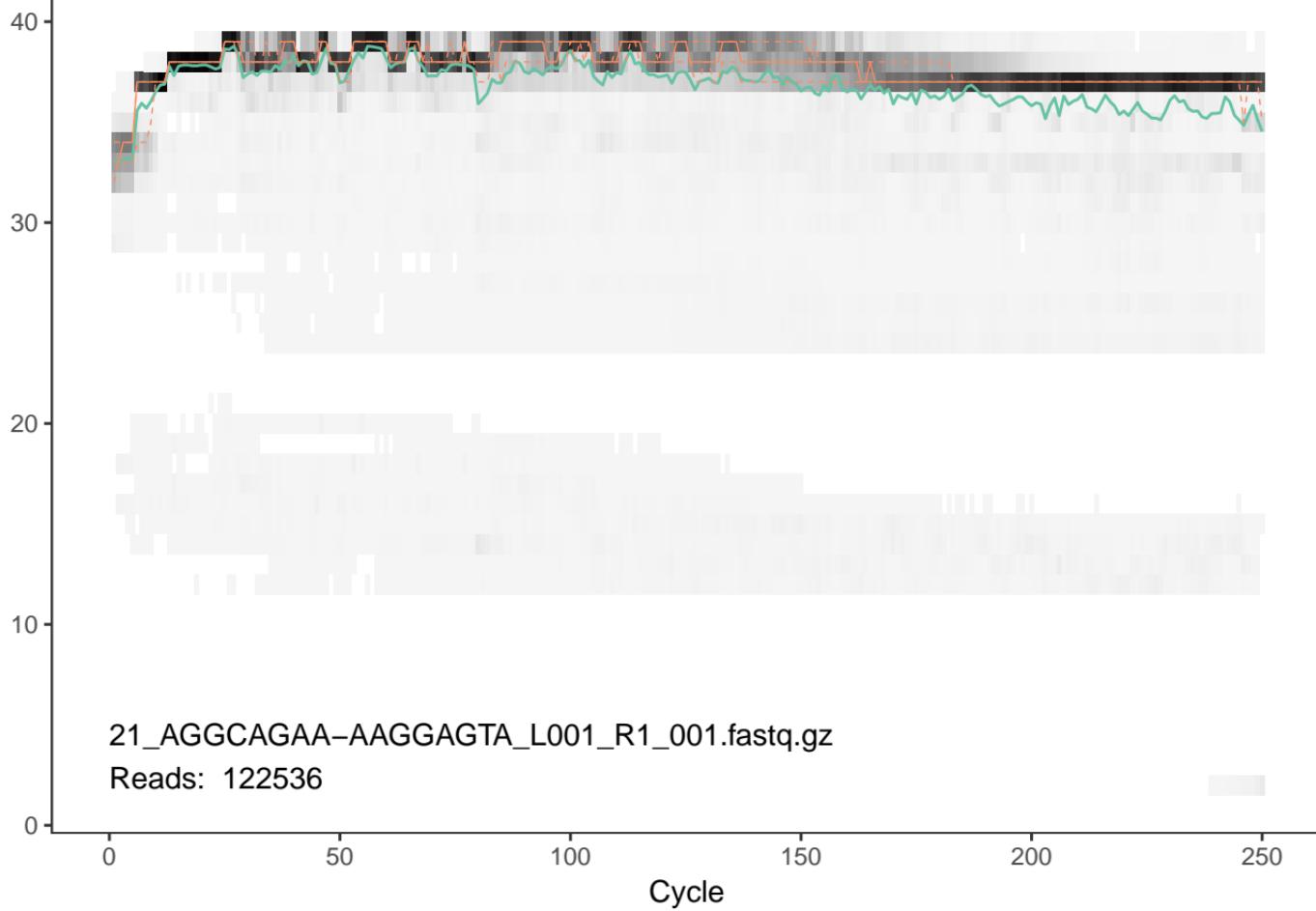
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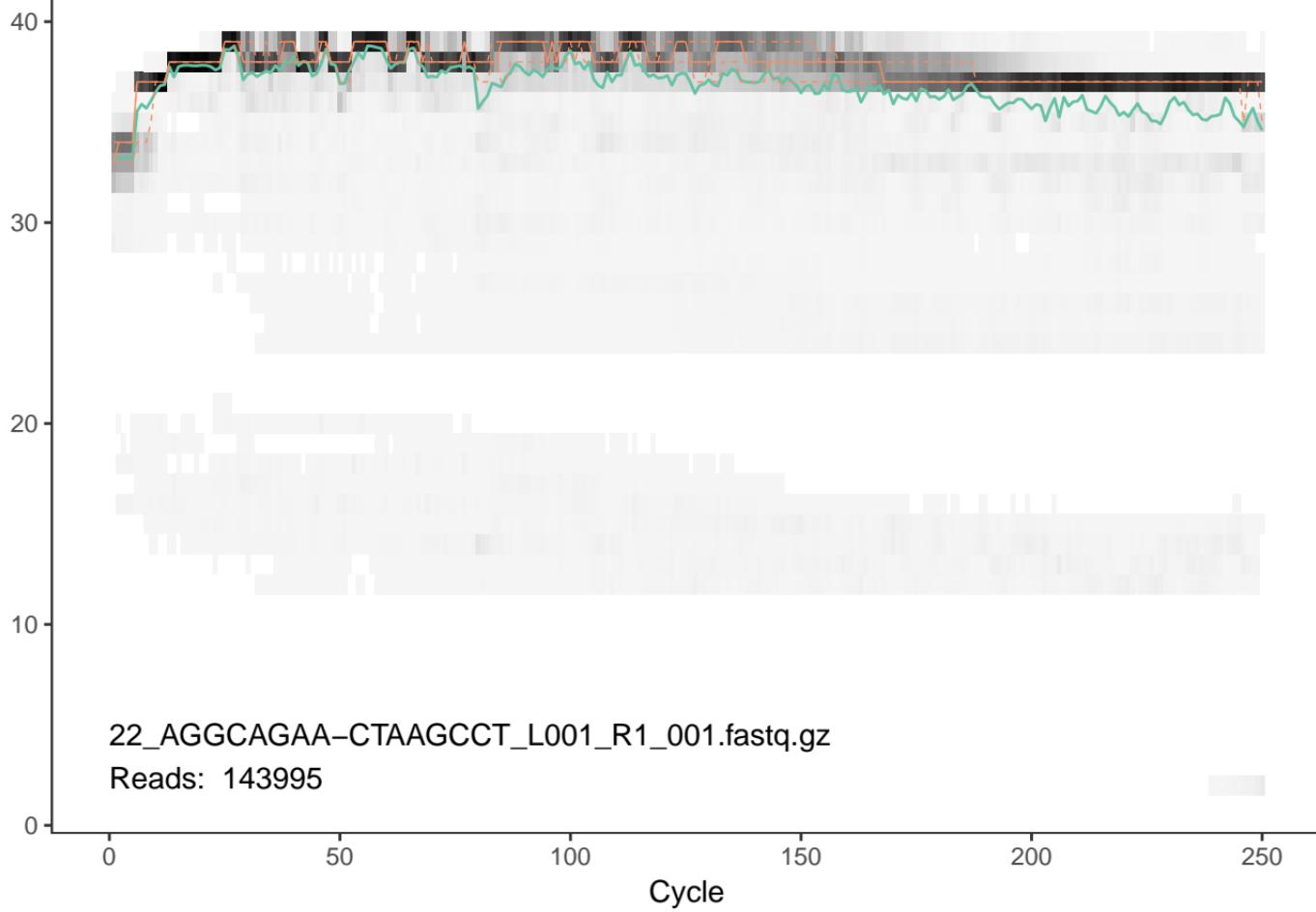
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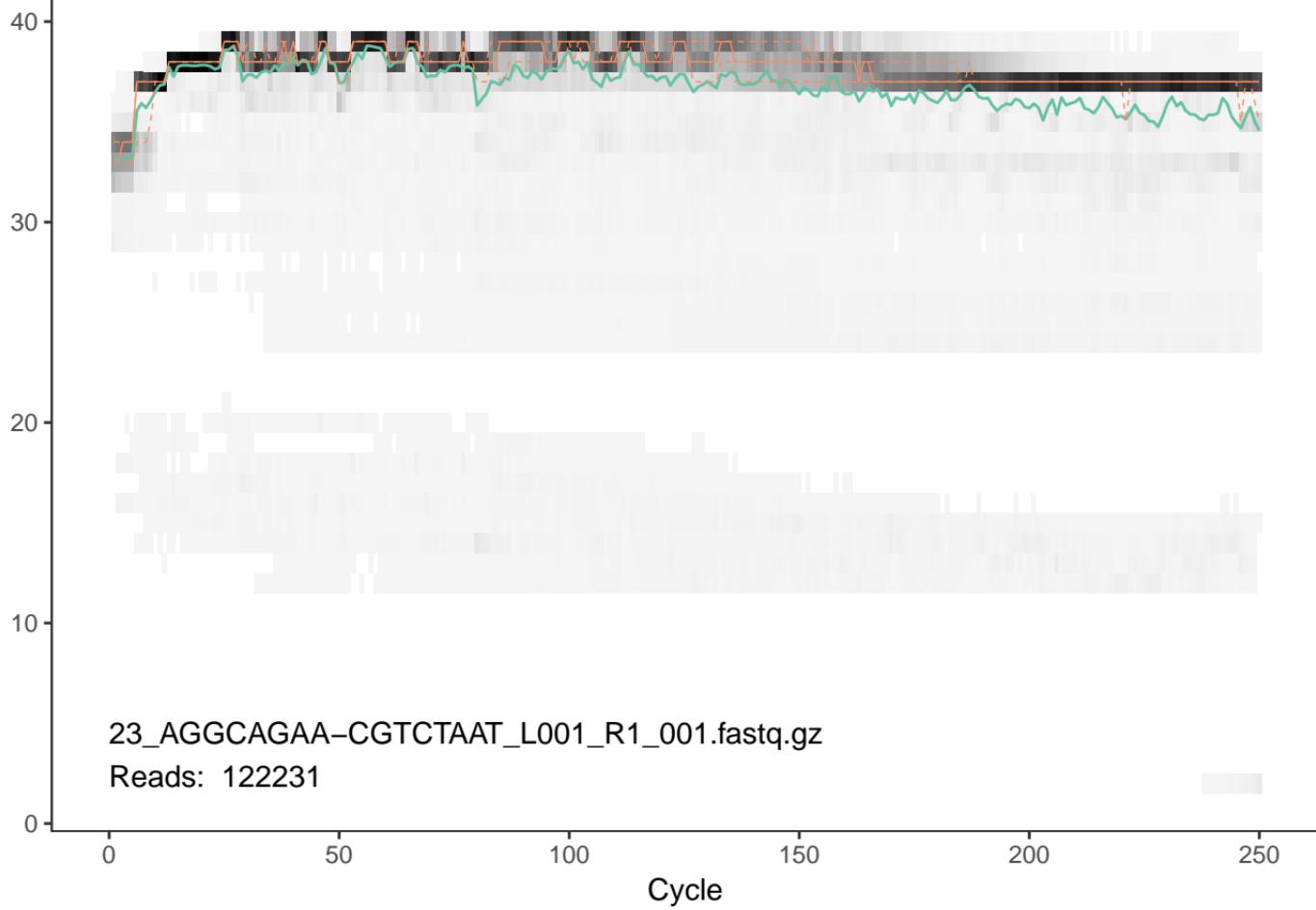
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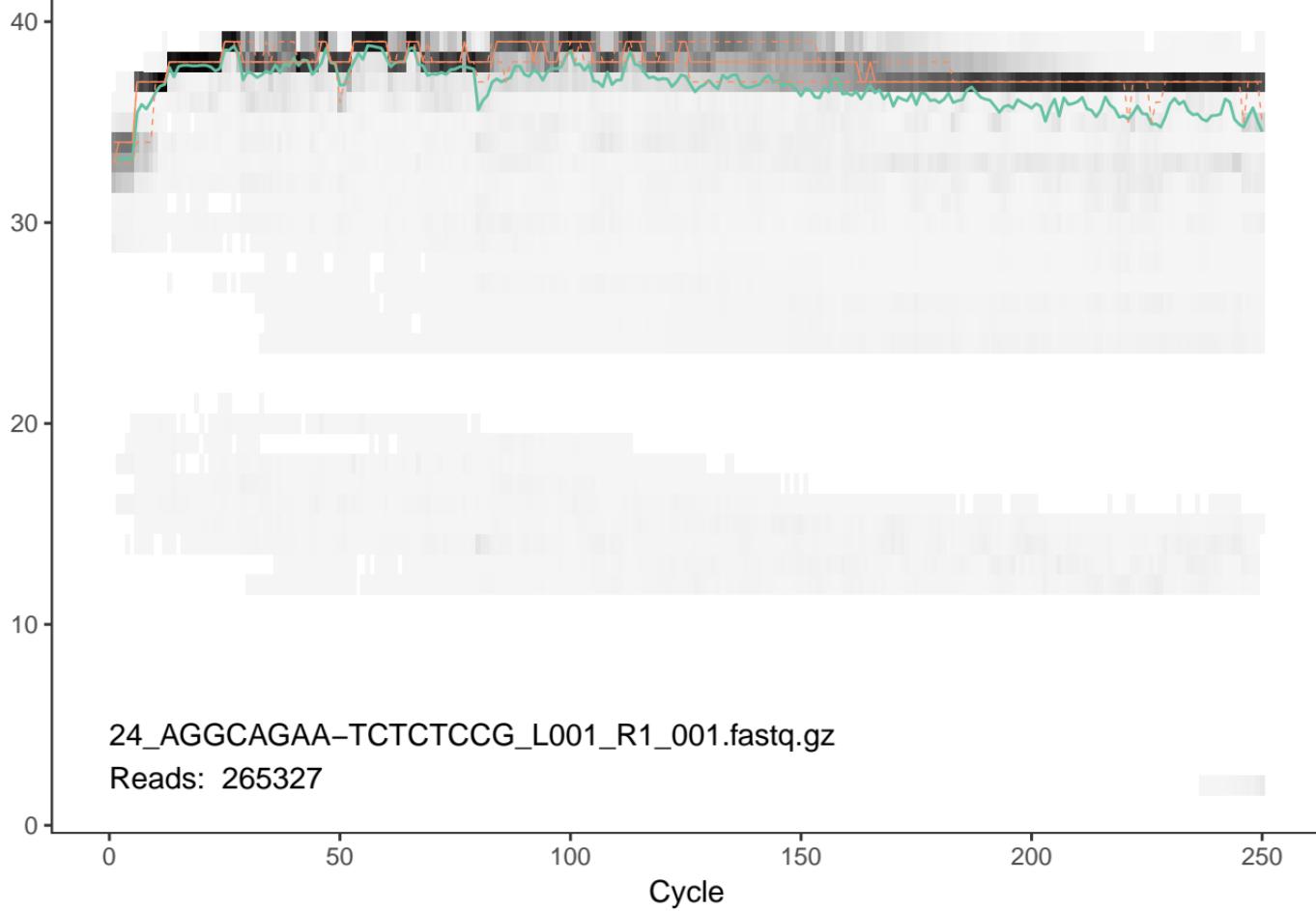
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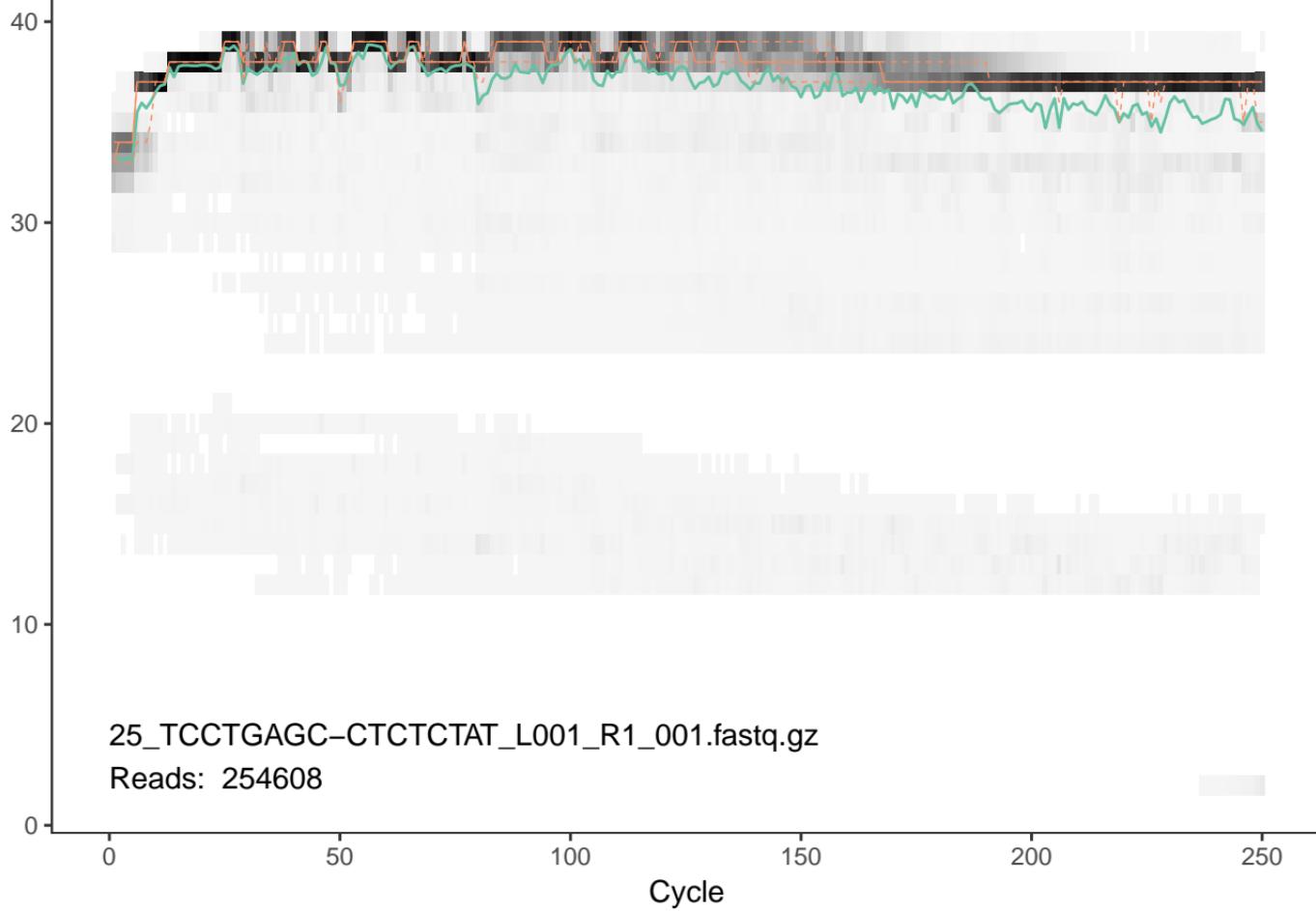
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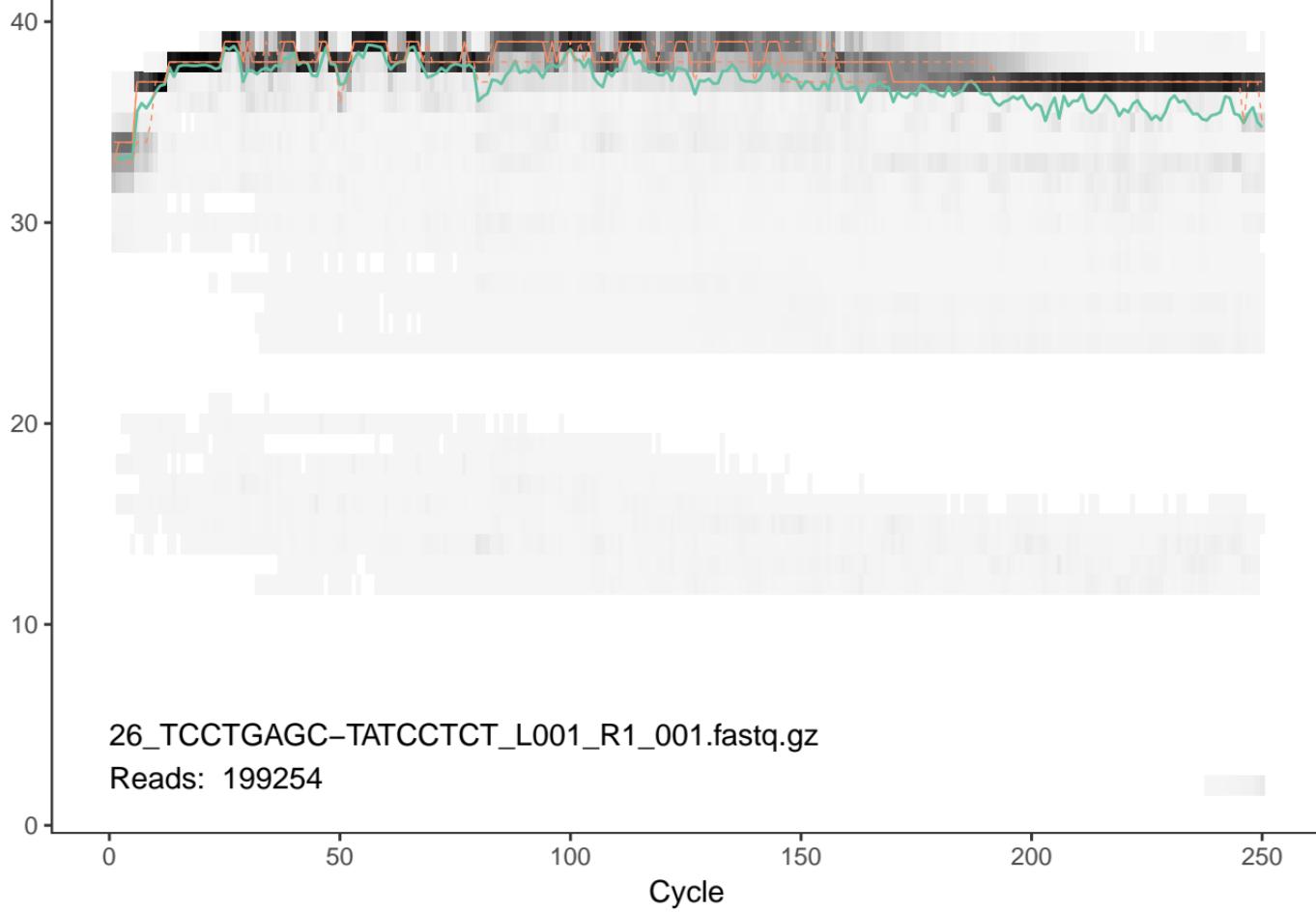
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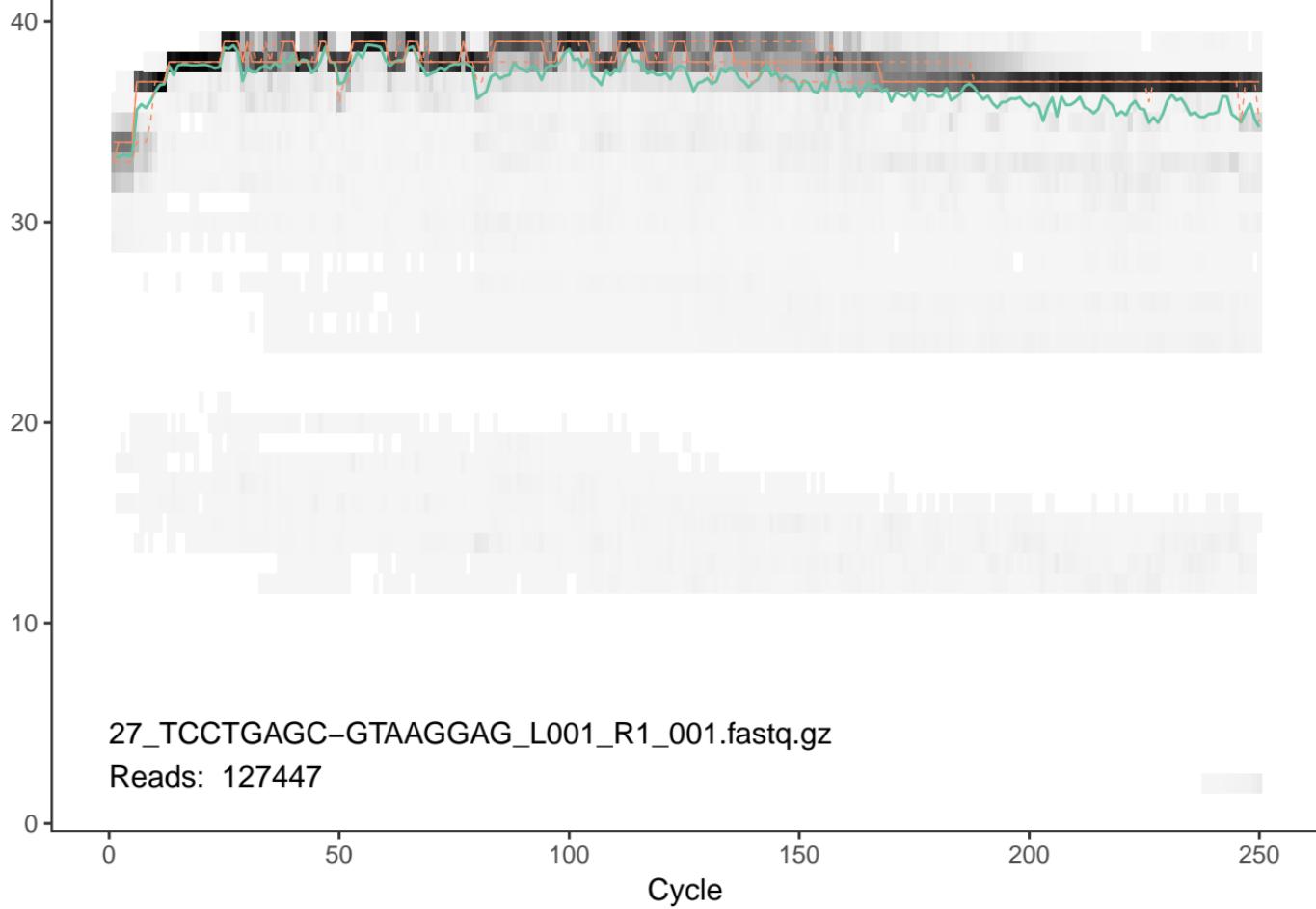
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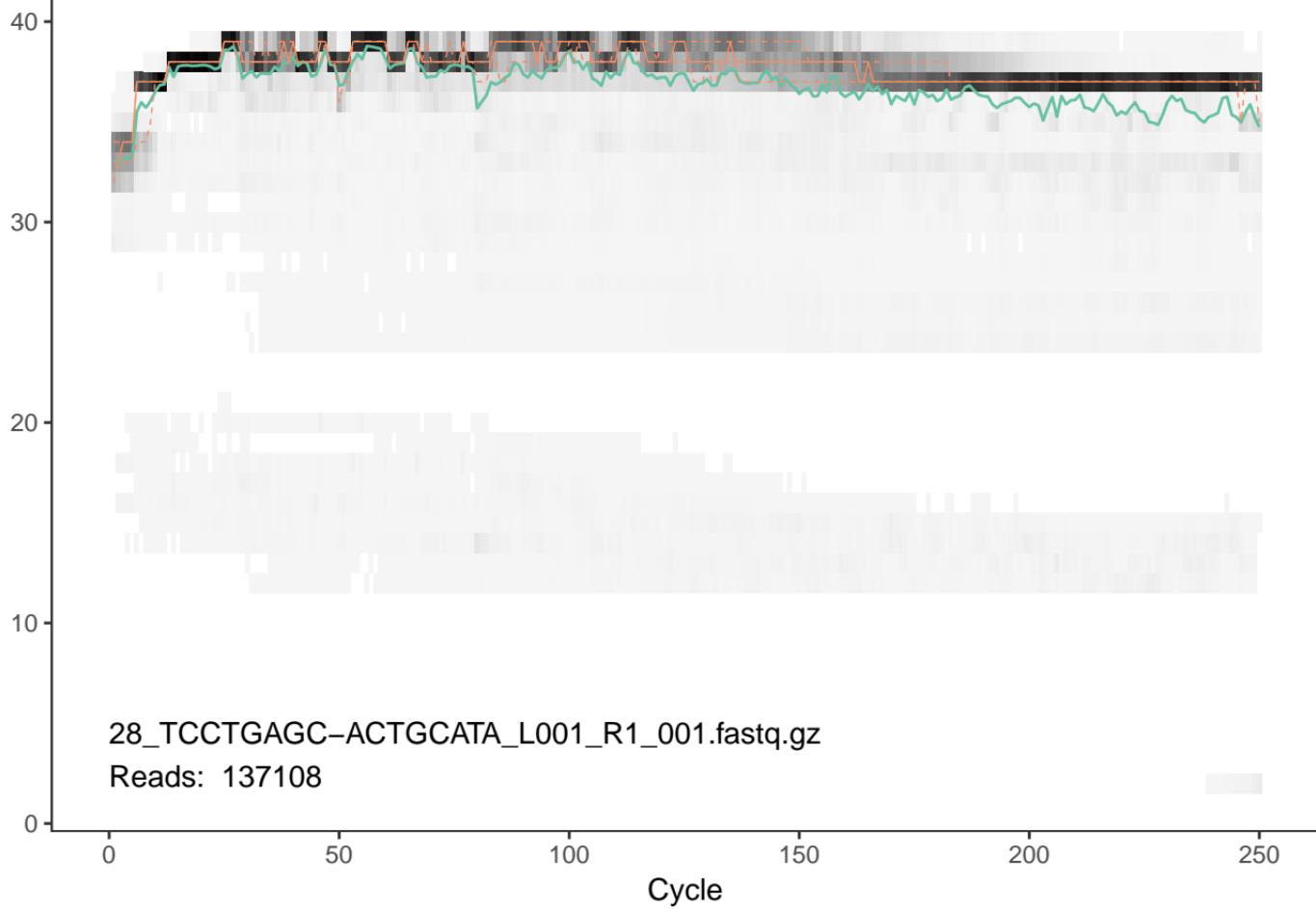
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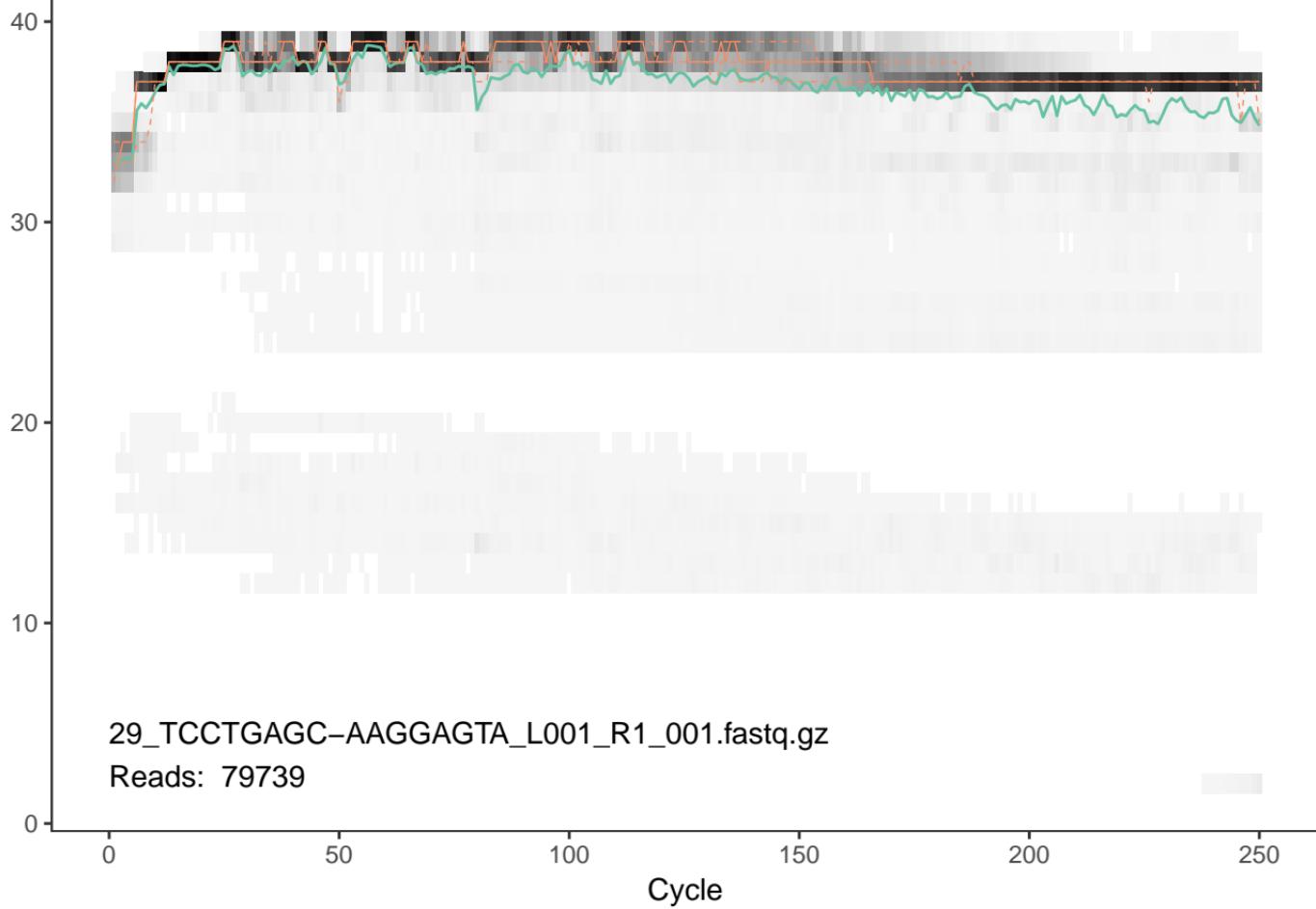
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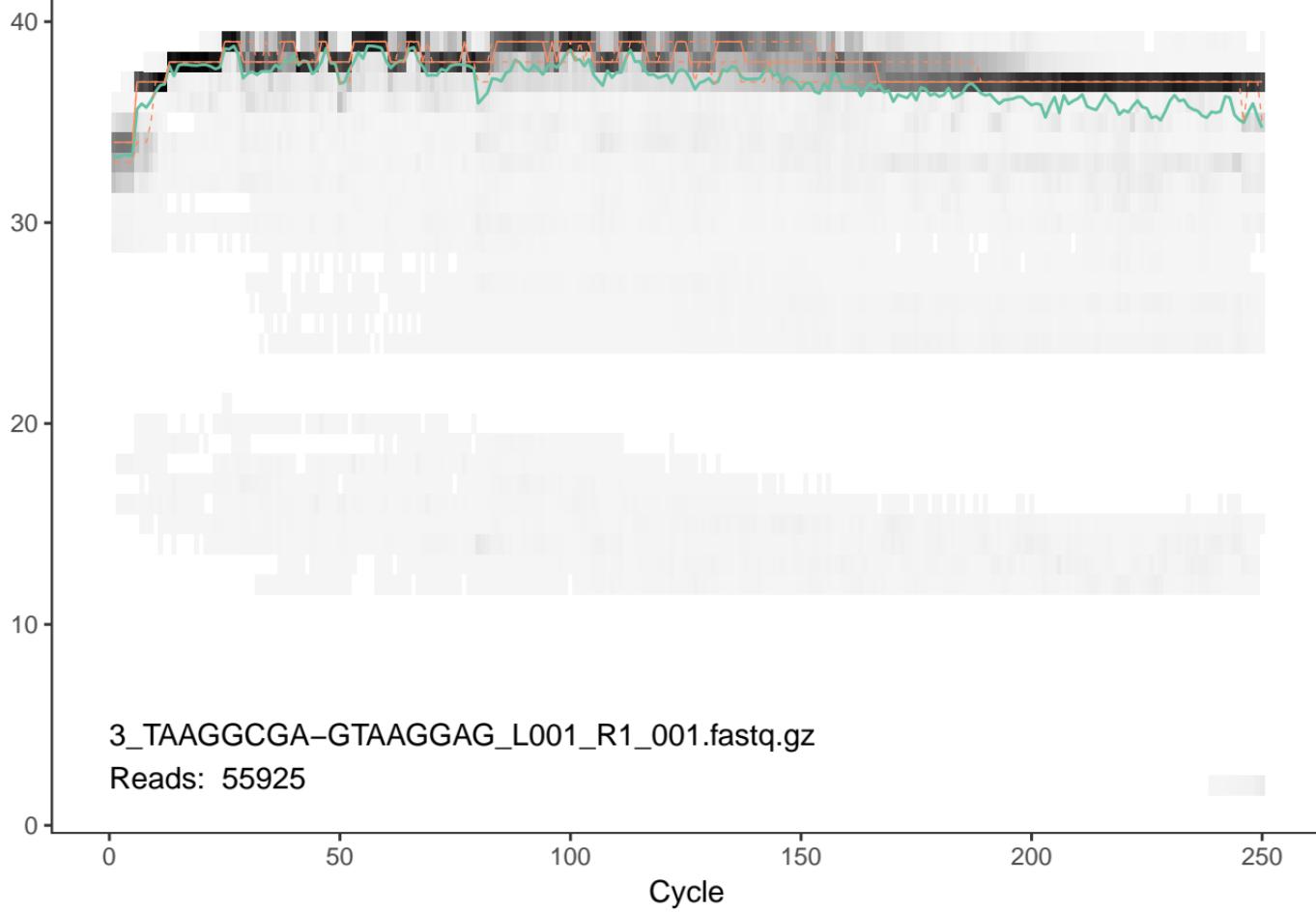
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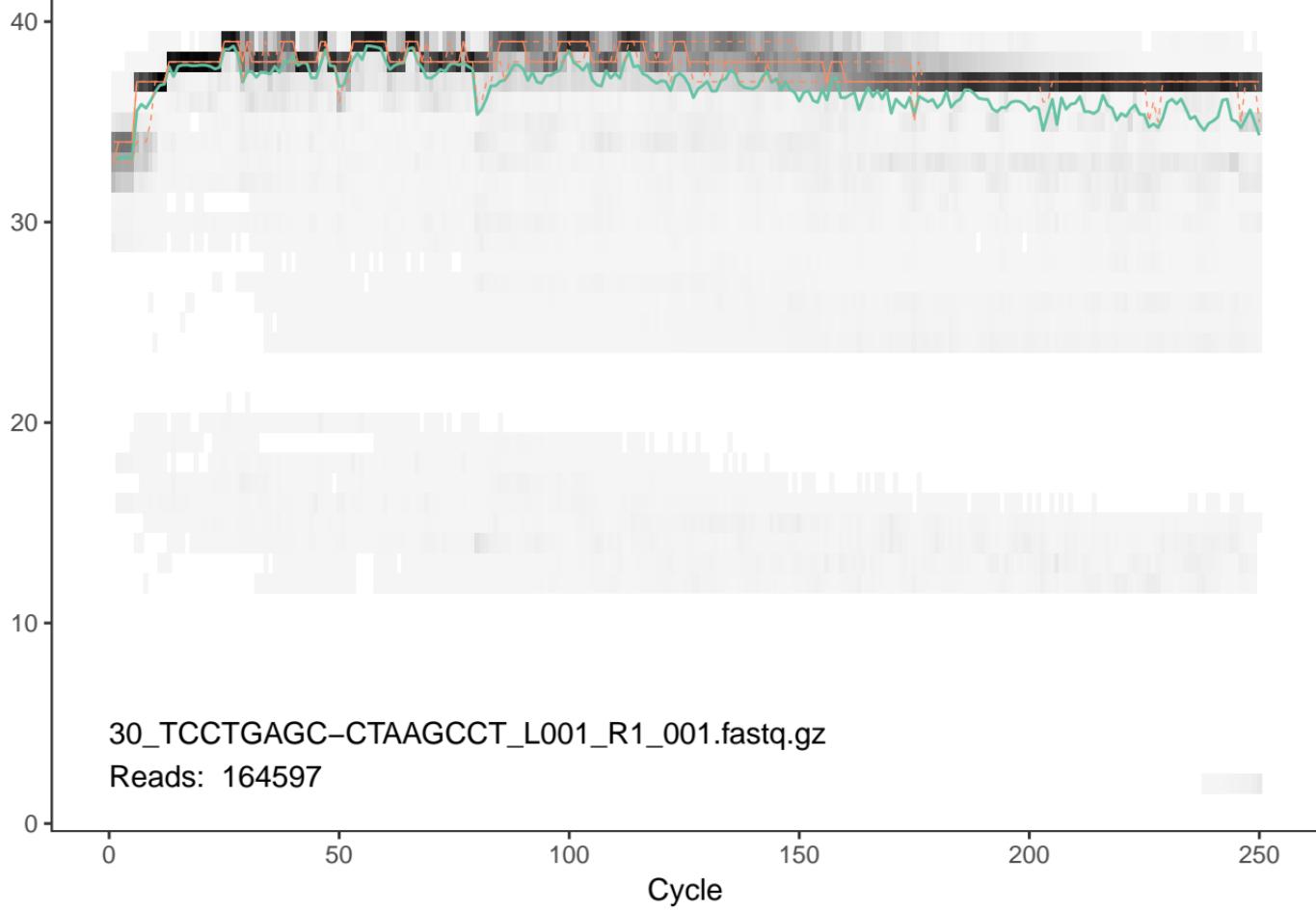
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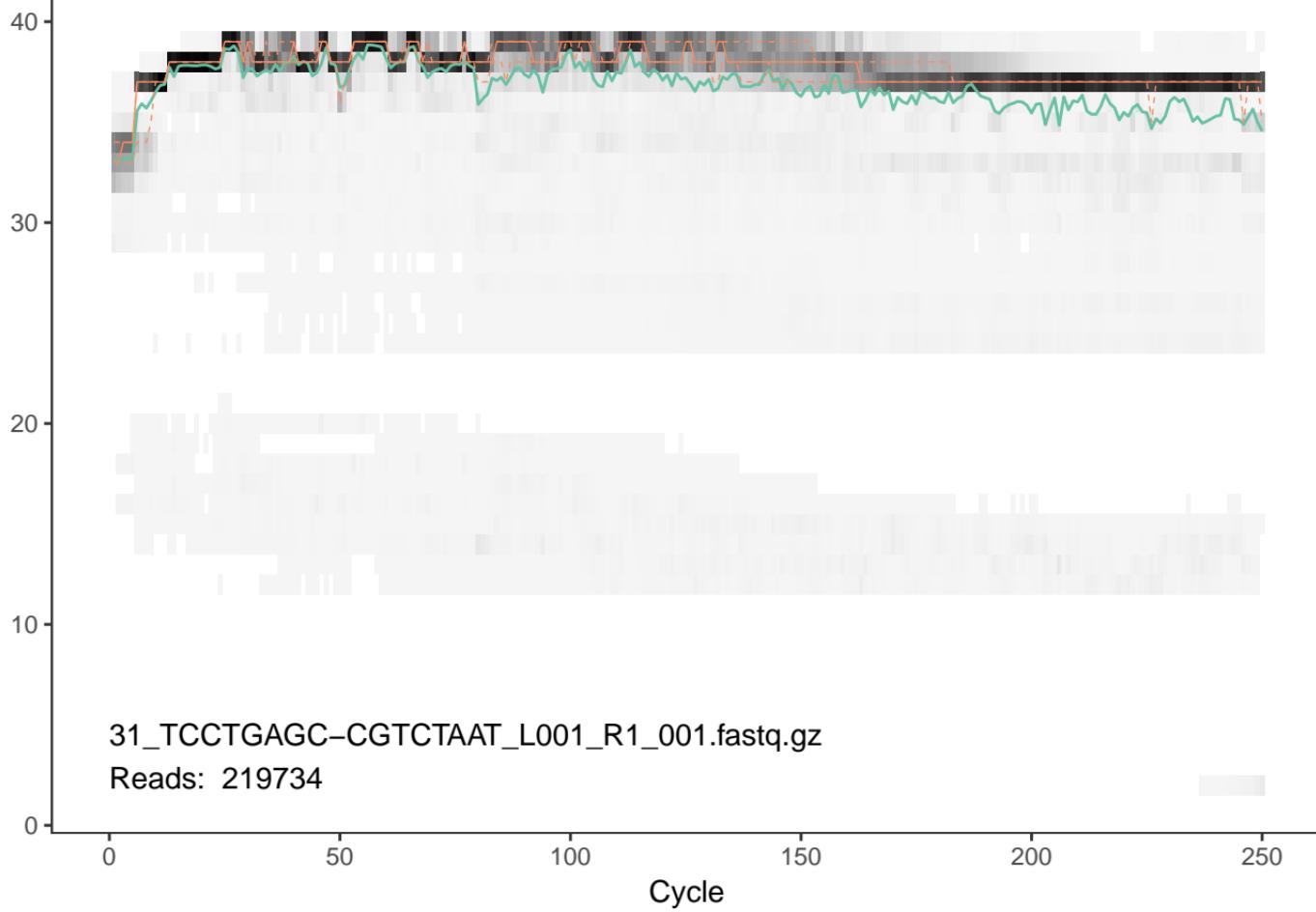
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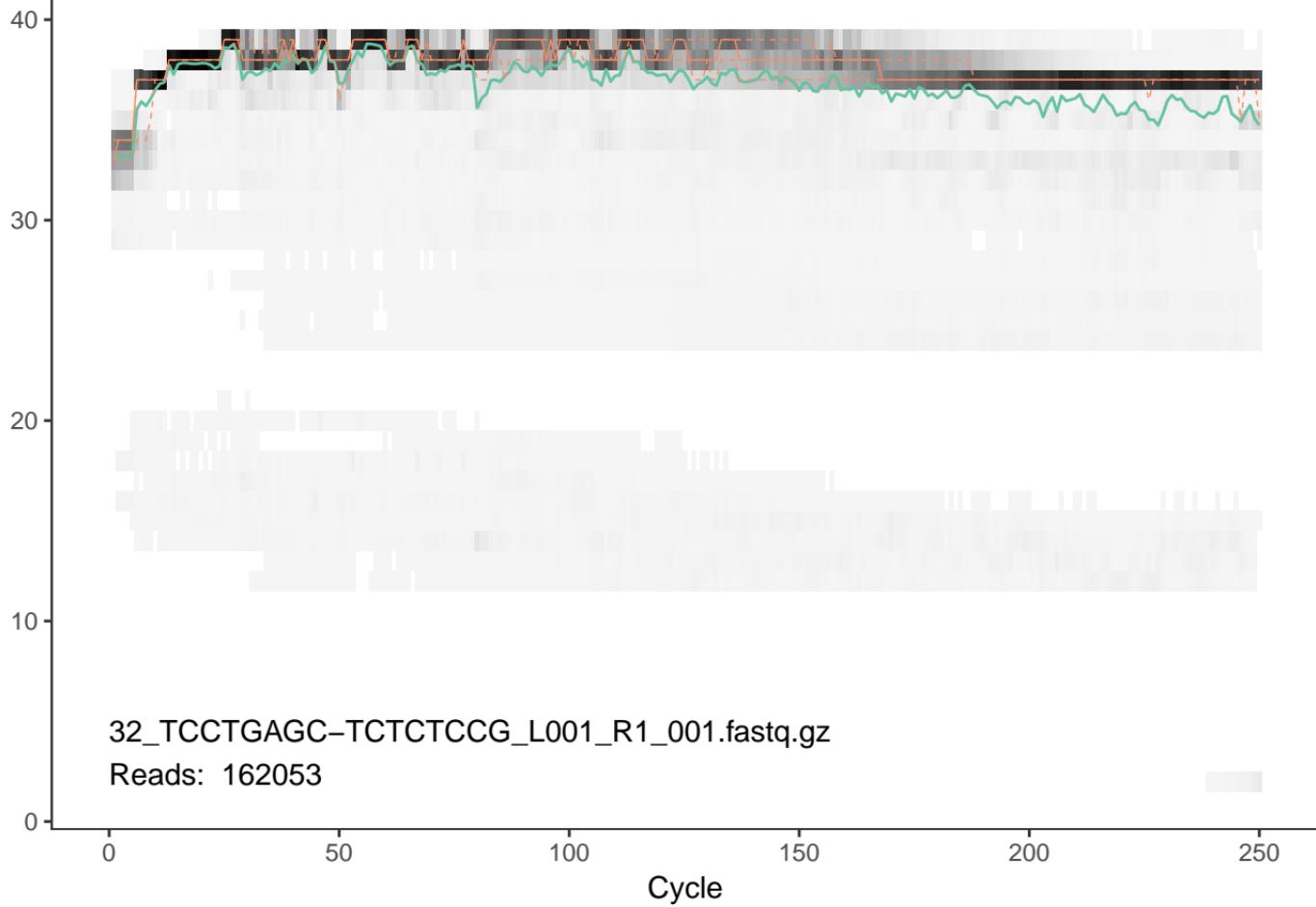
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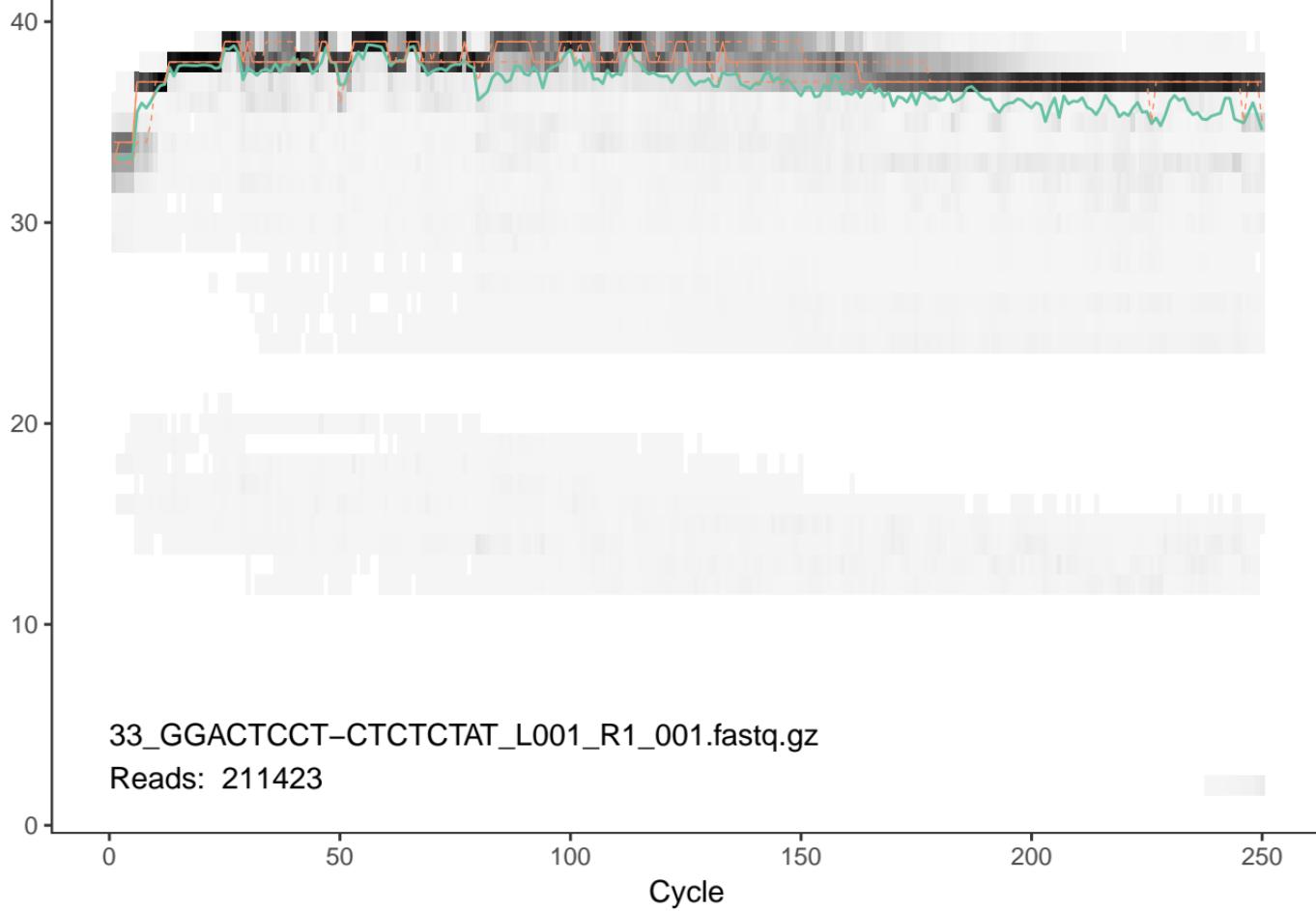
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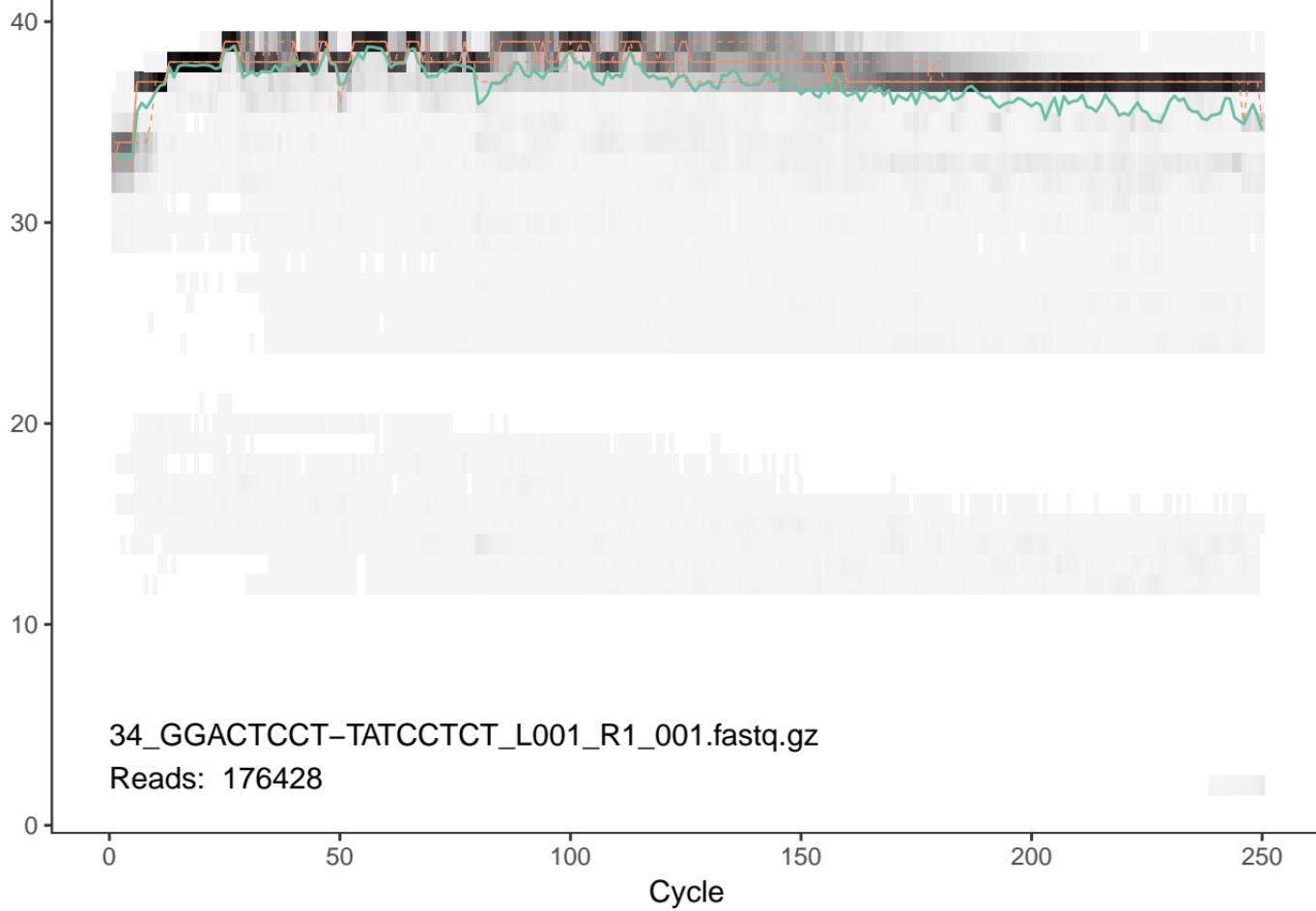
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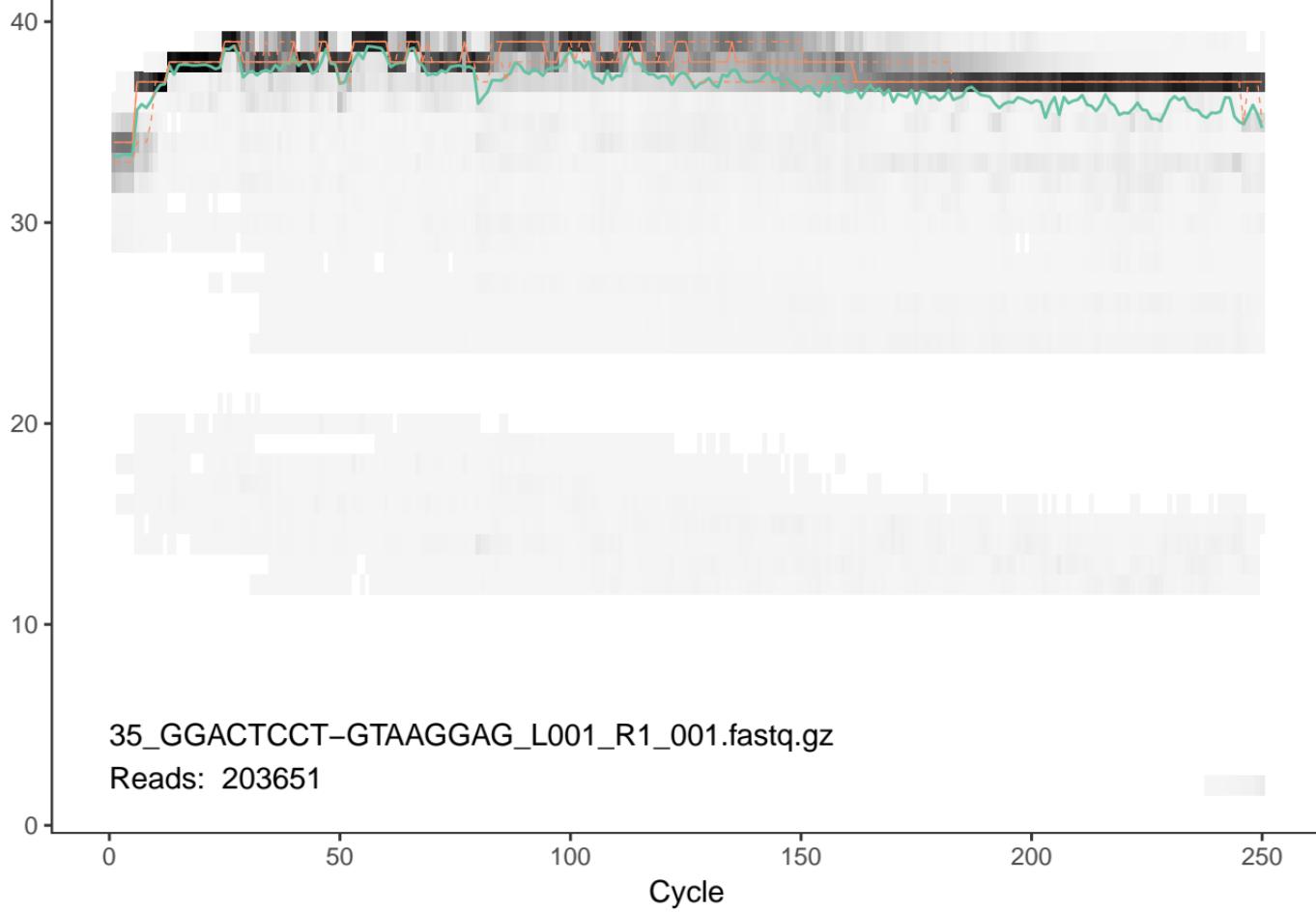
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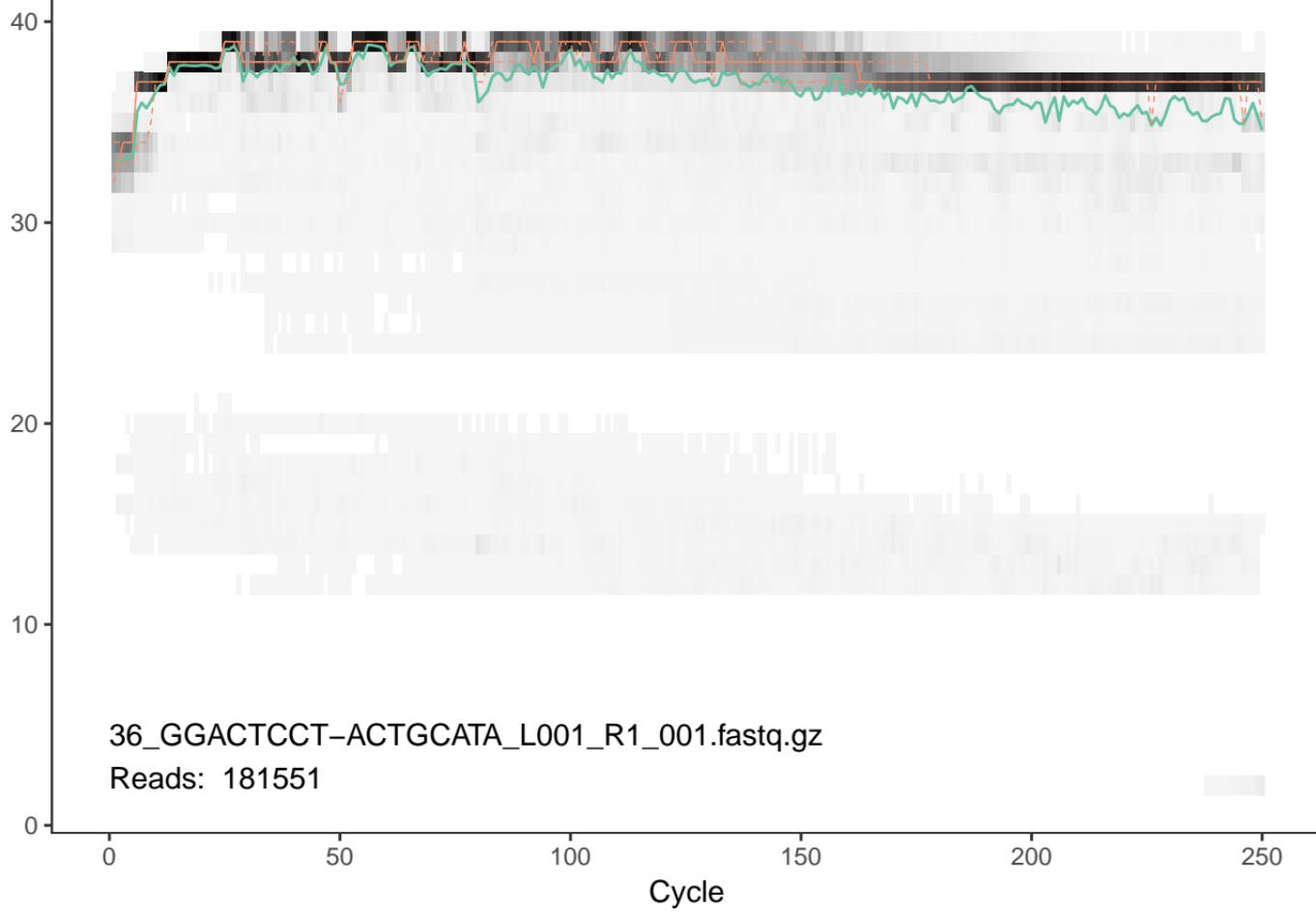
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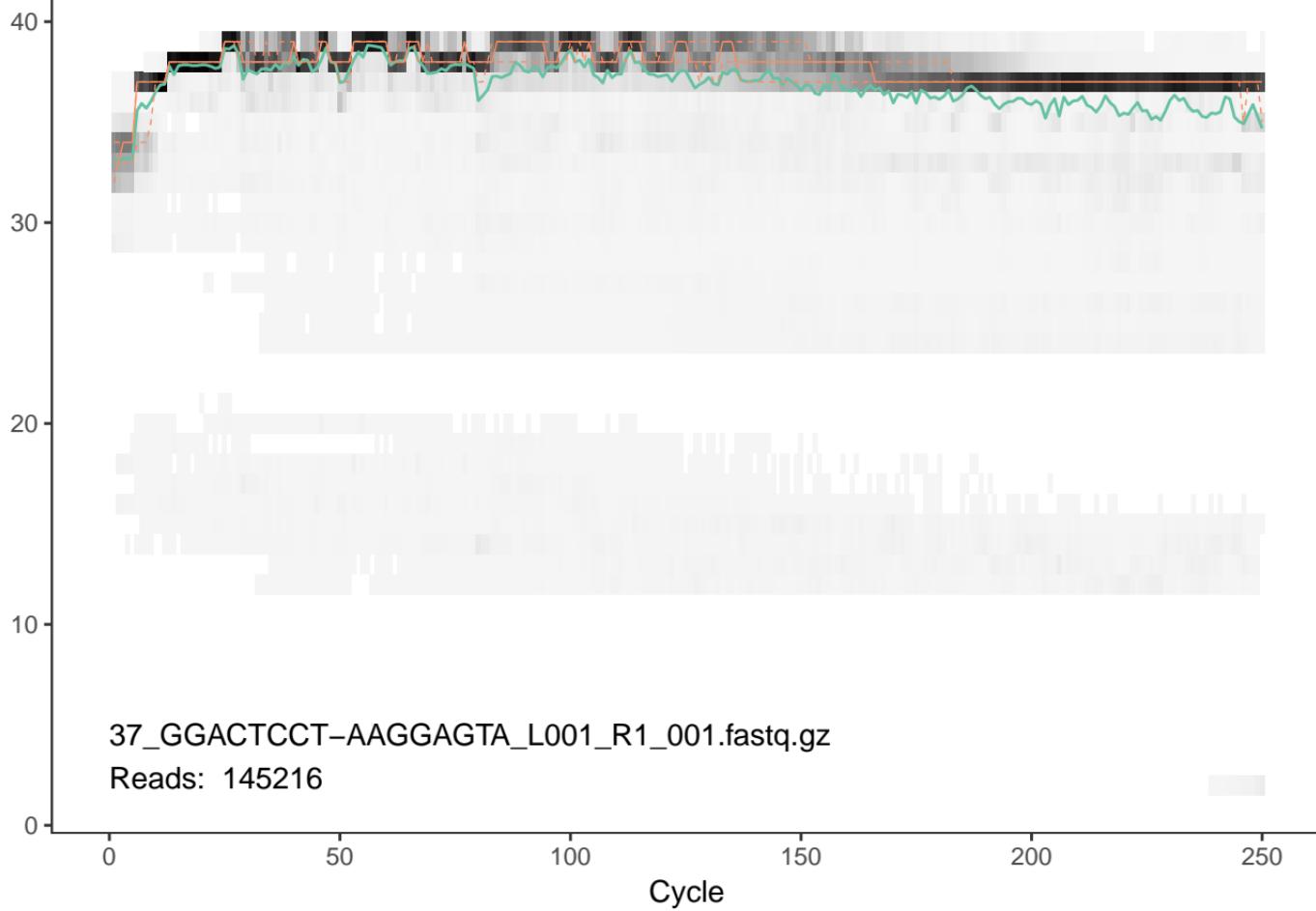
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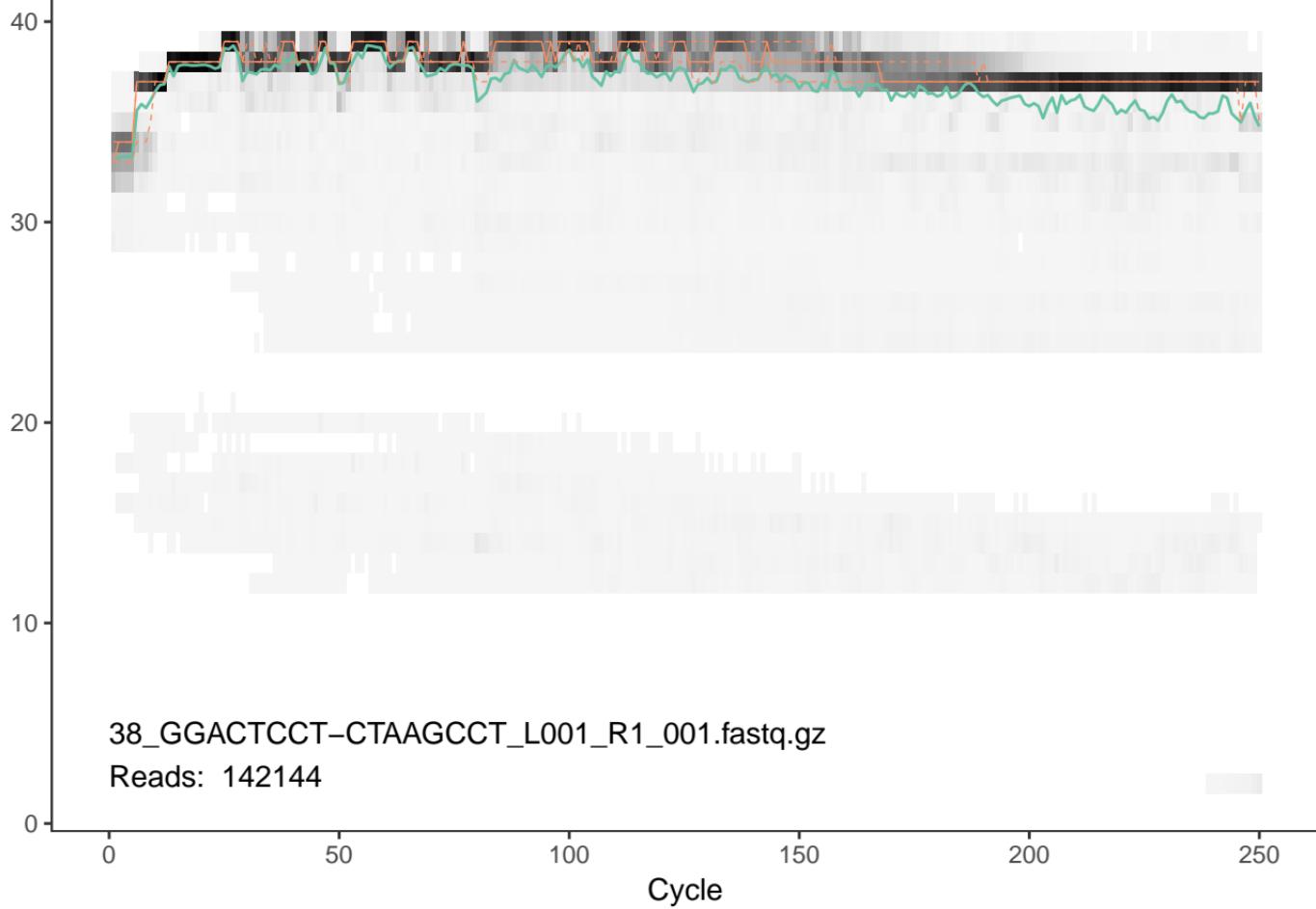
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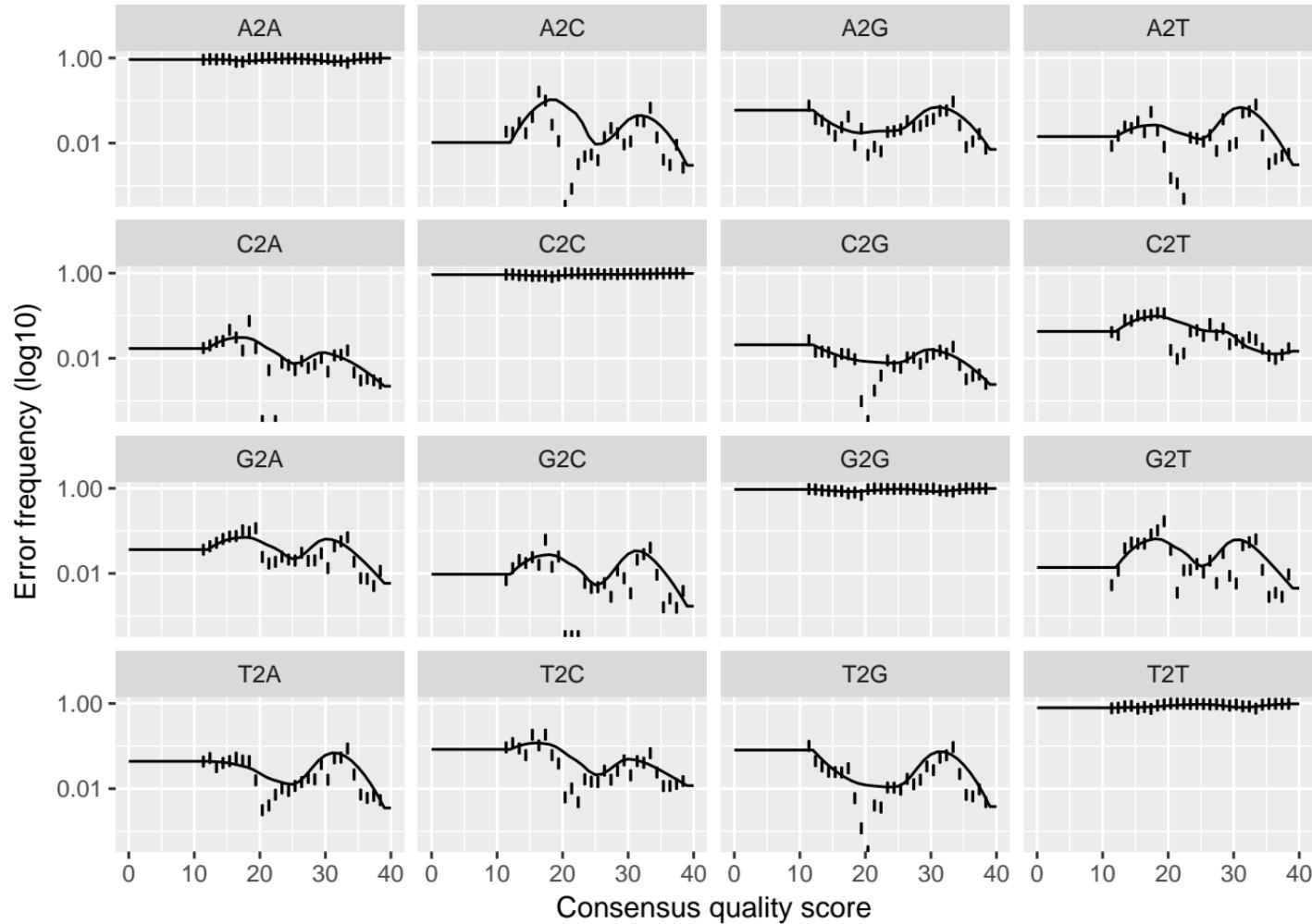


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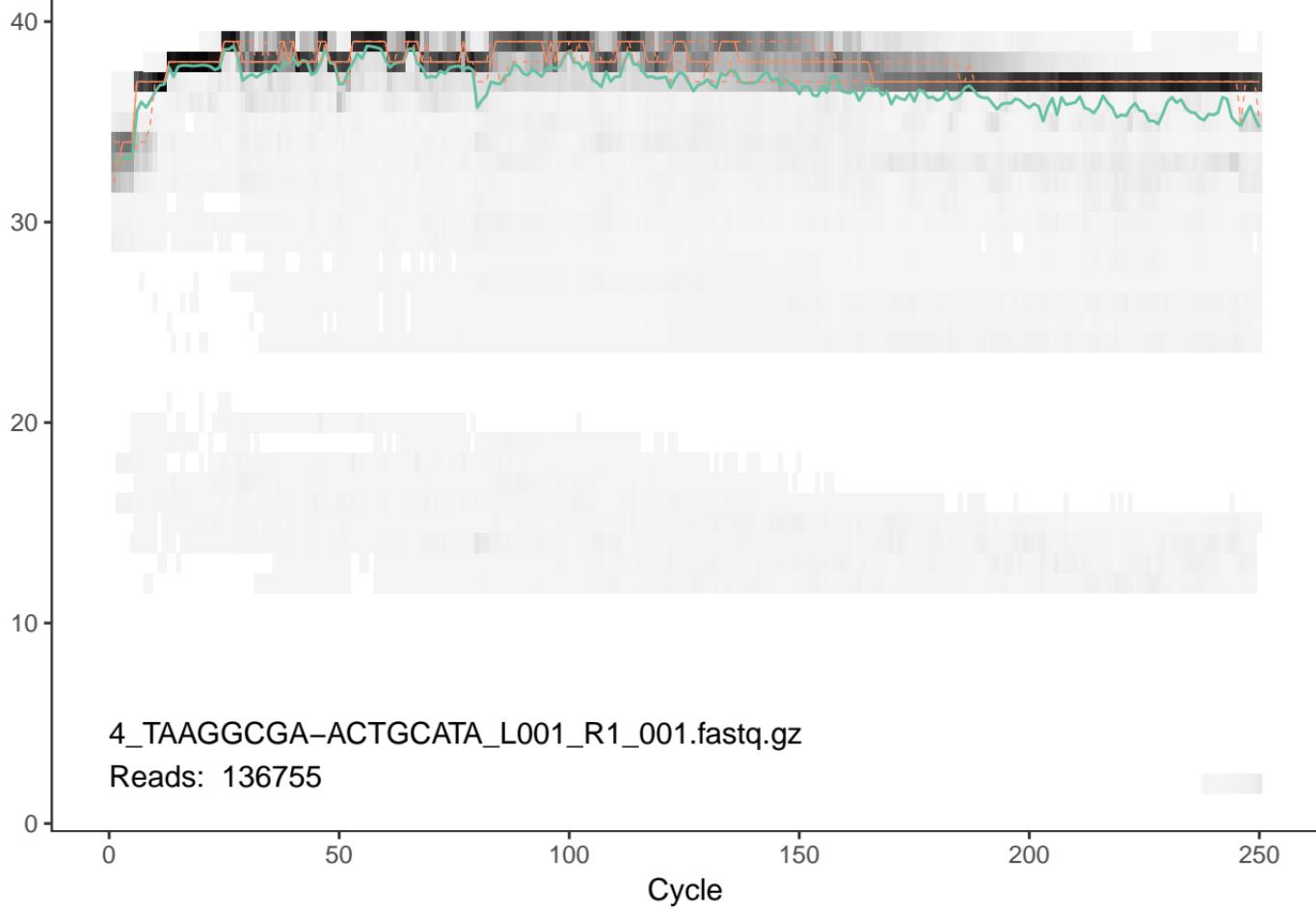


Error frequency (log10)



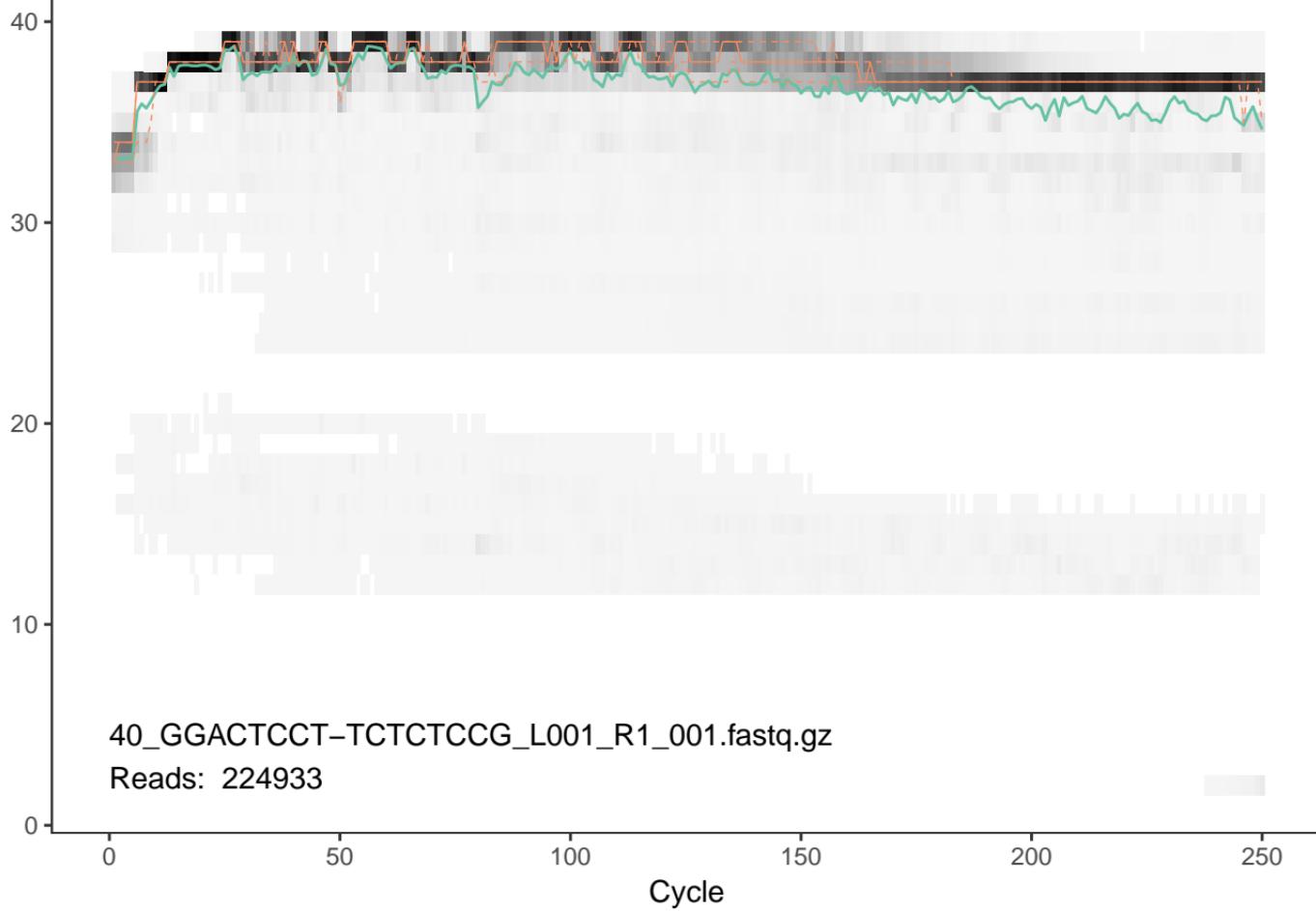
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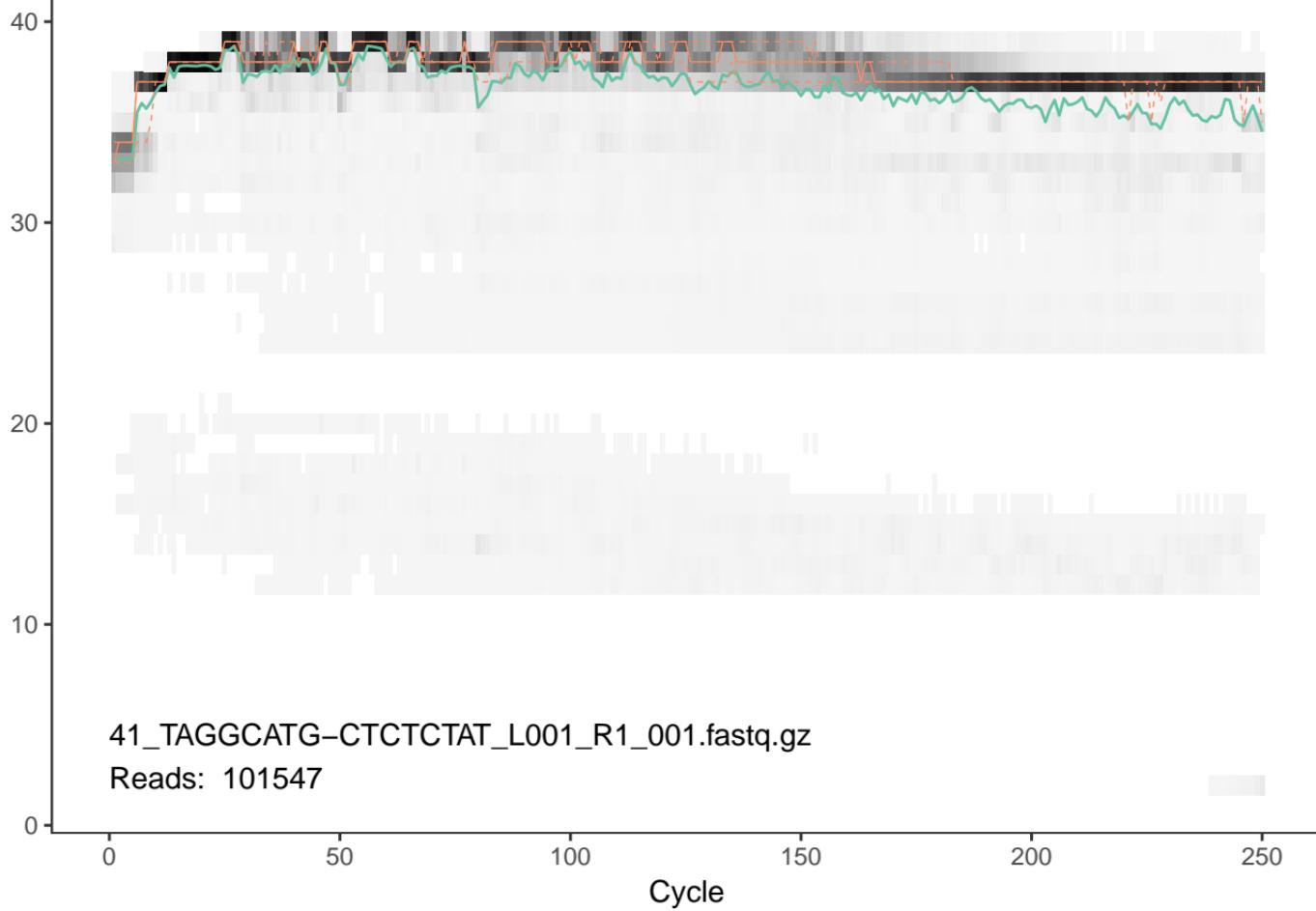
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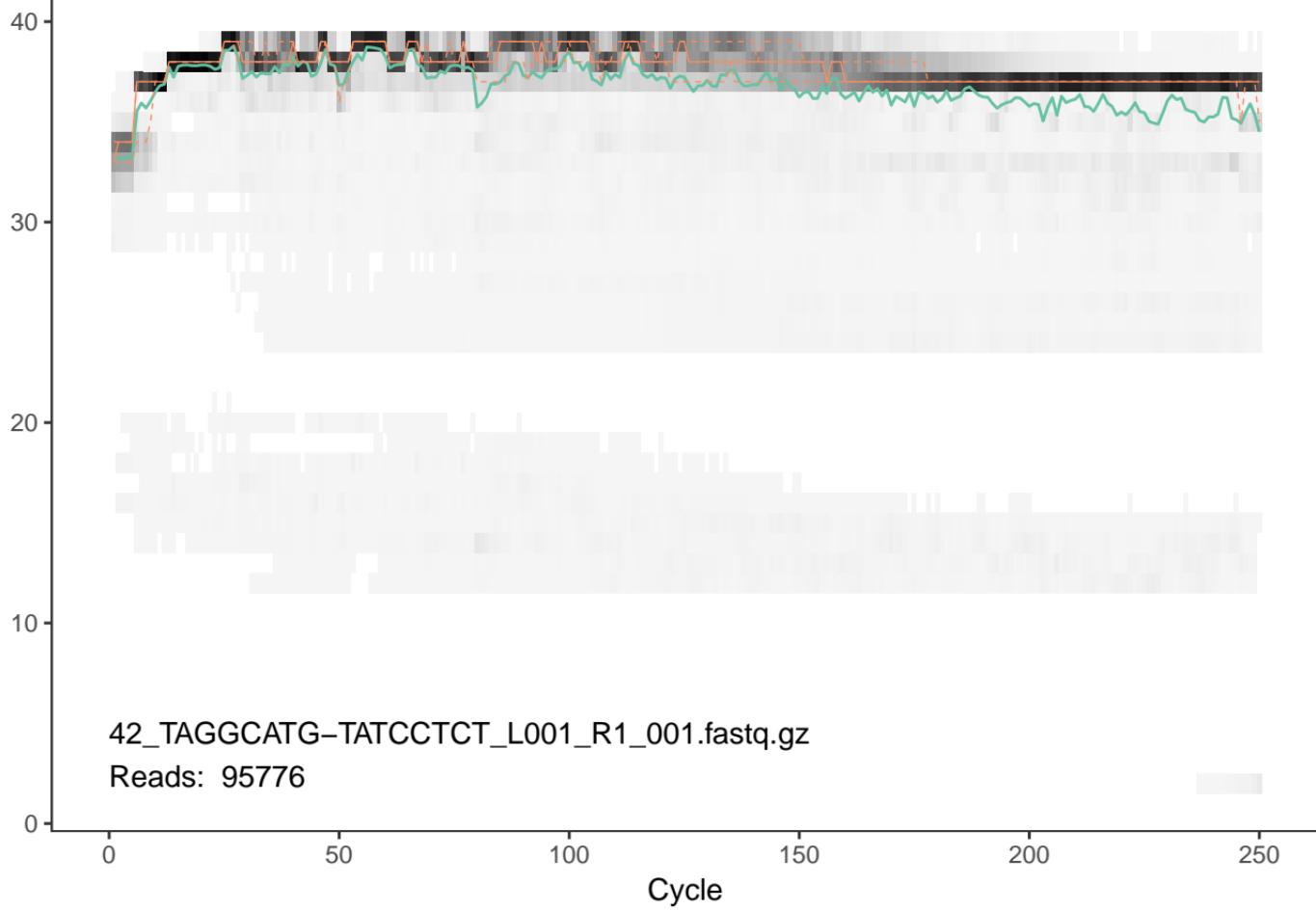
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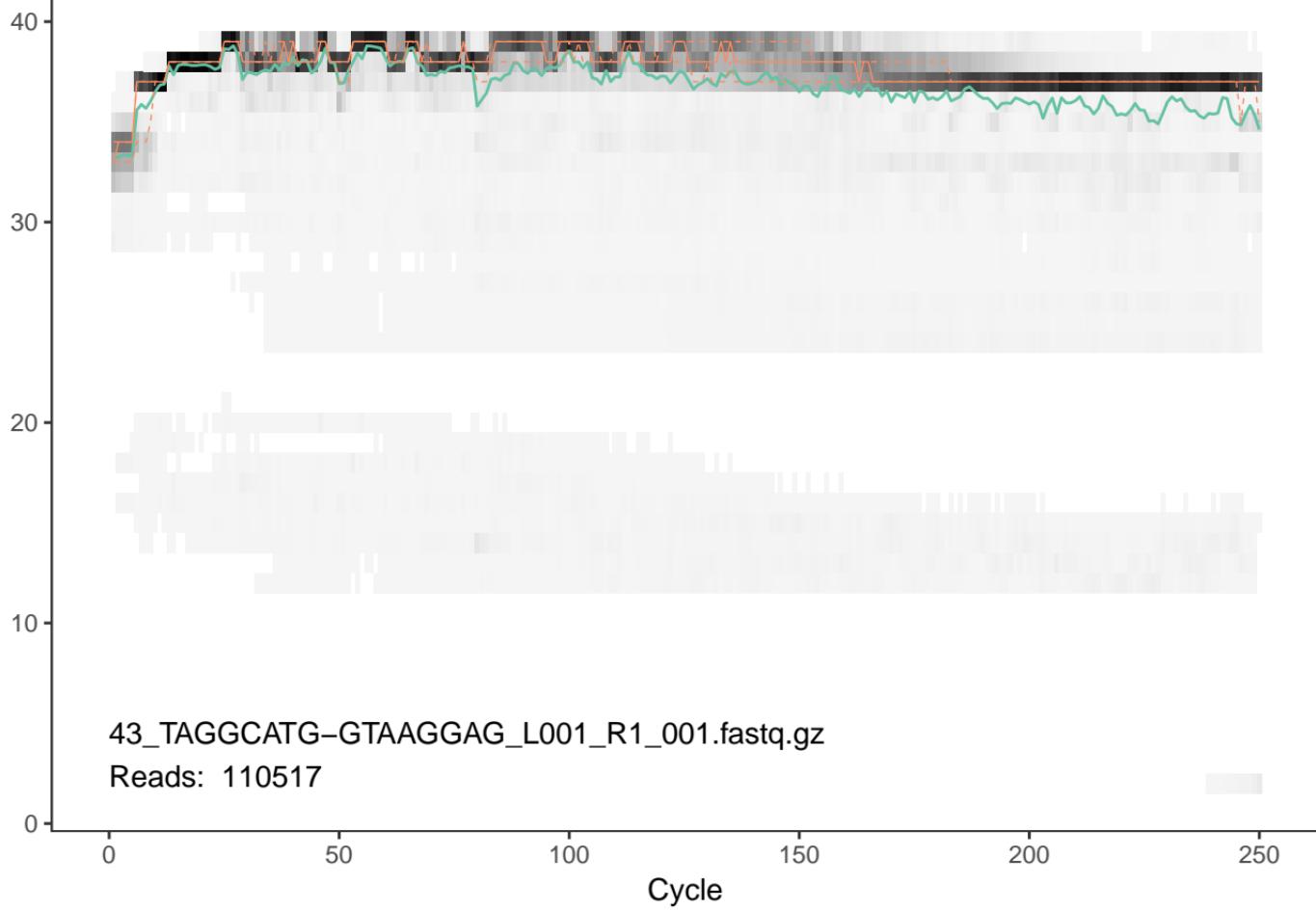
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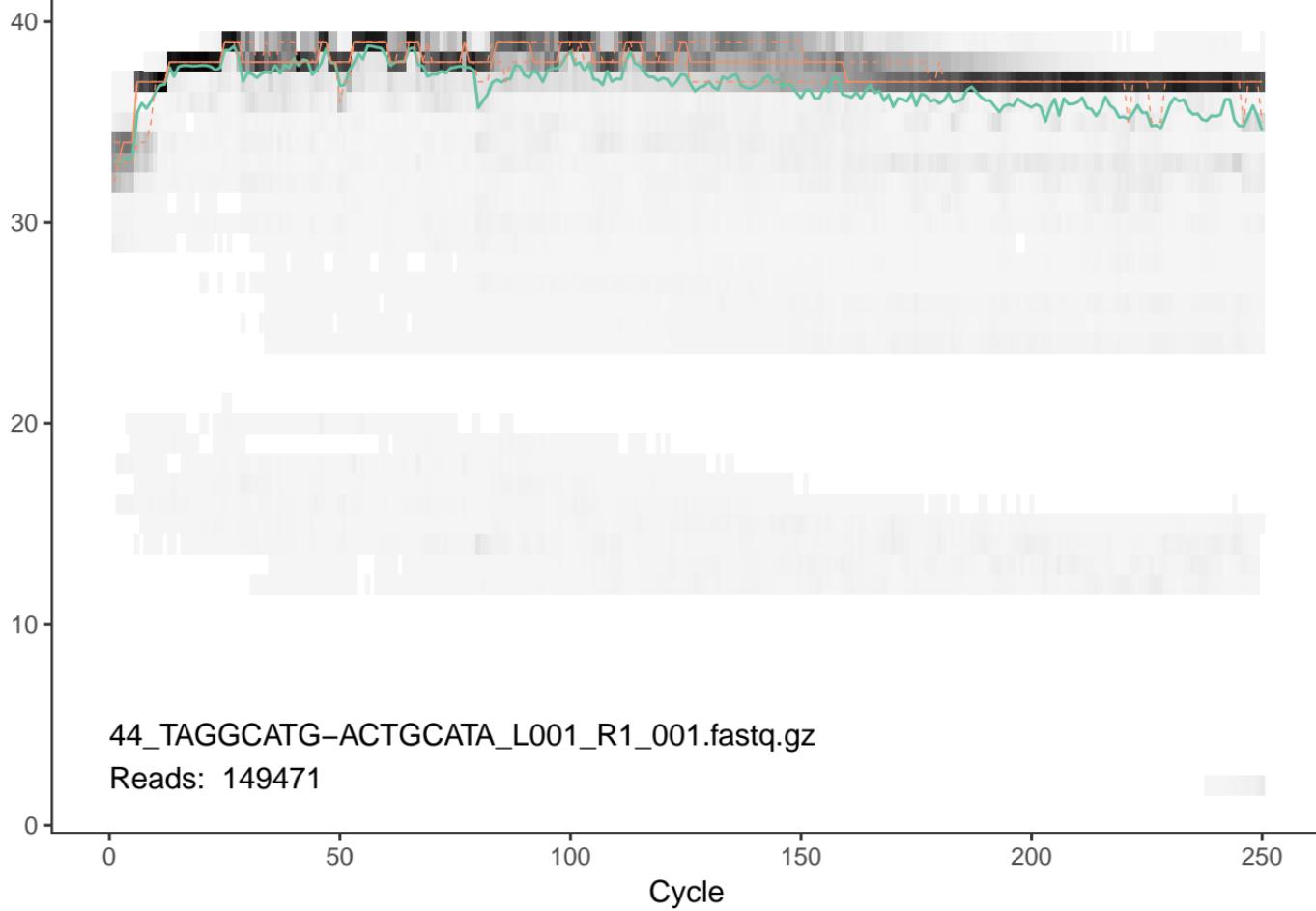
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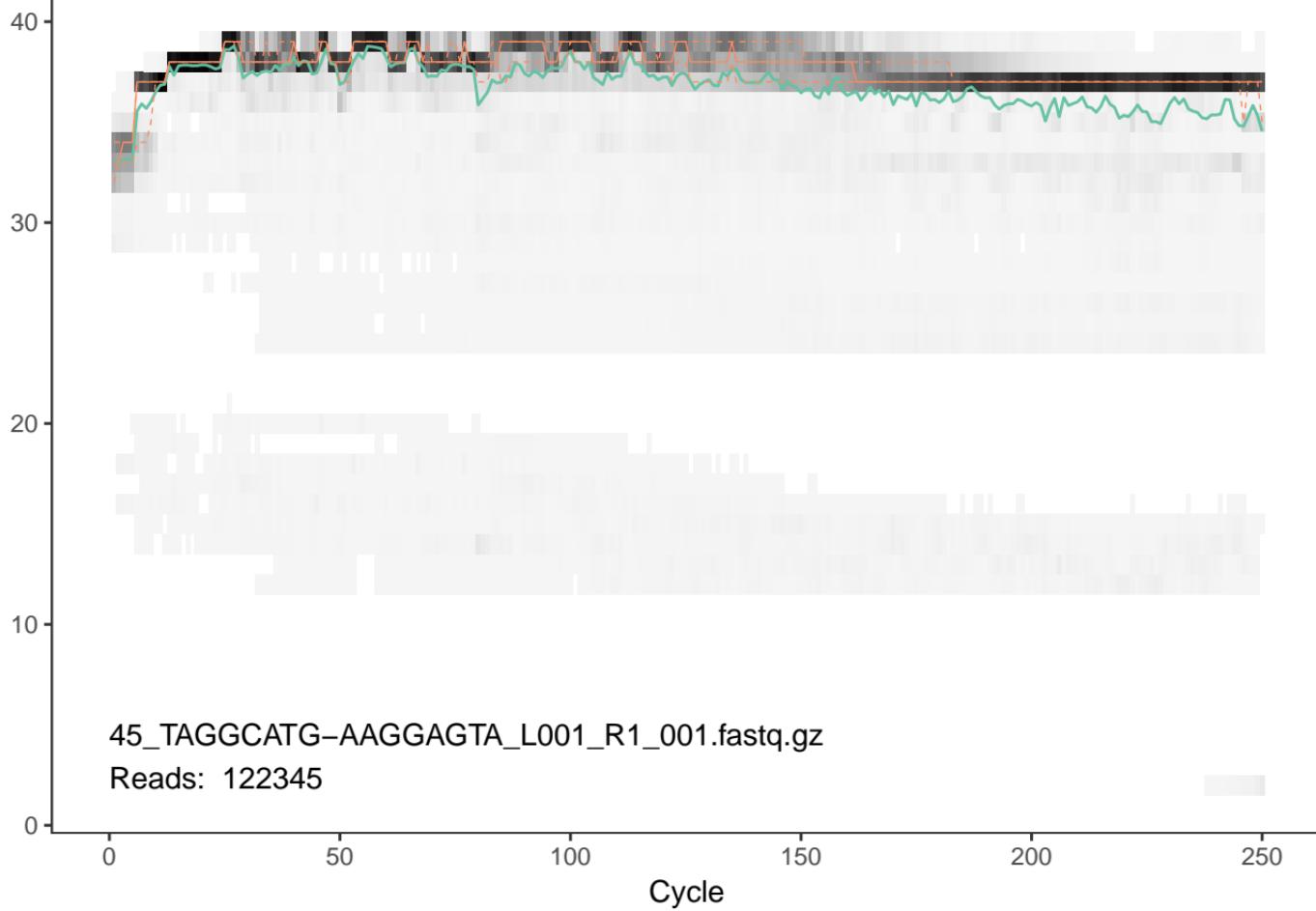
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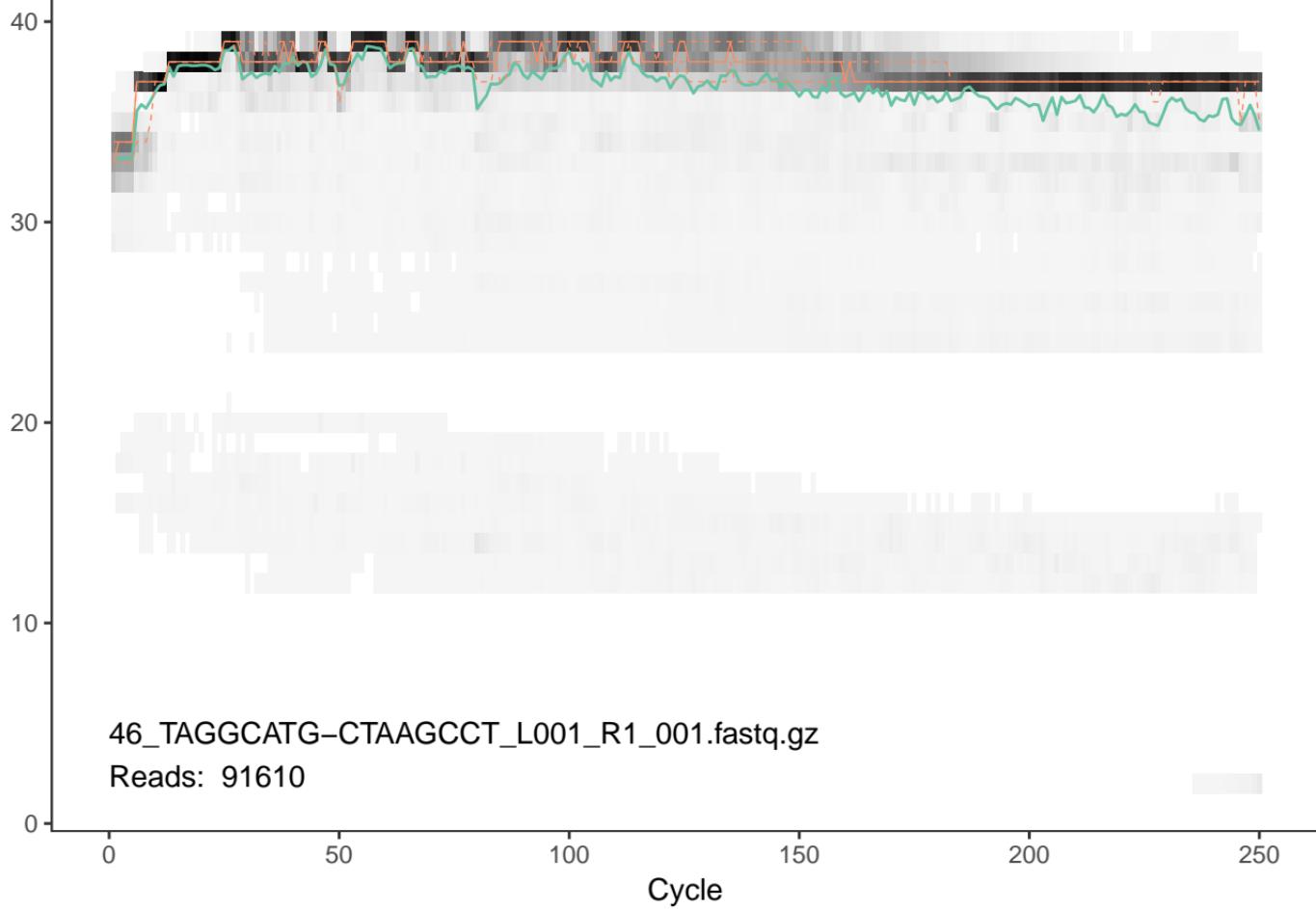
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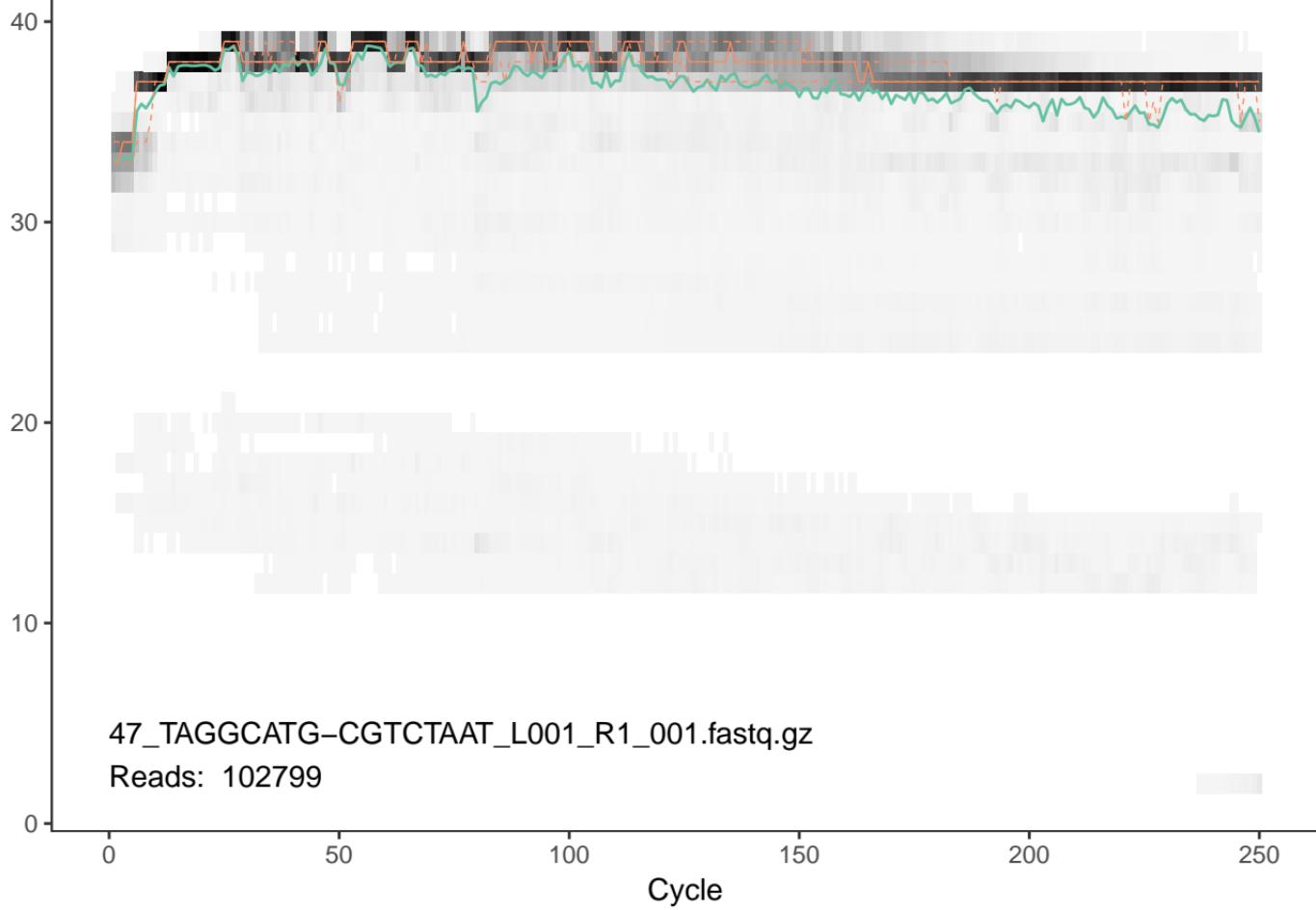
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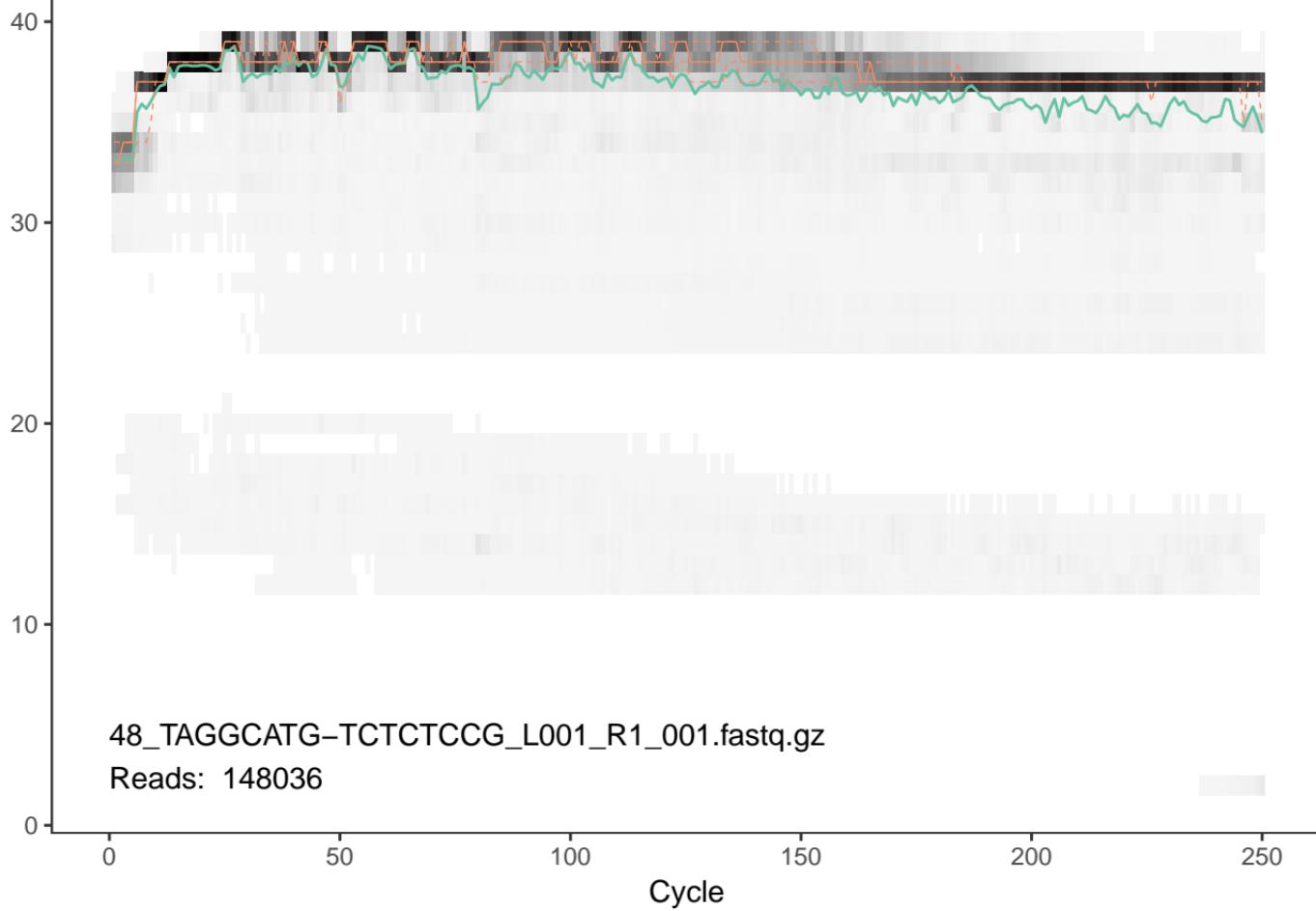
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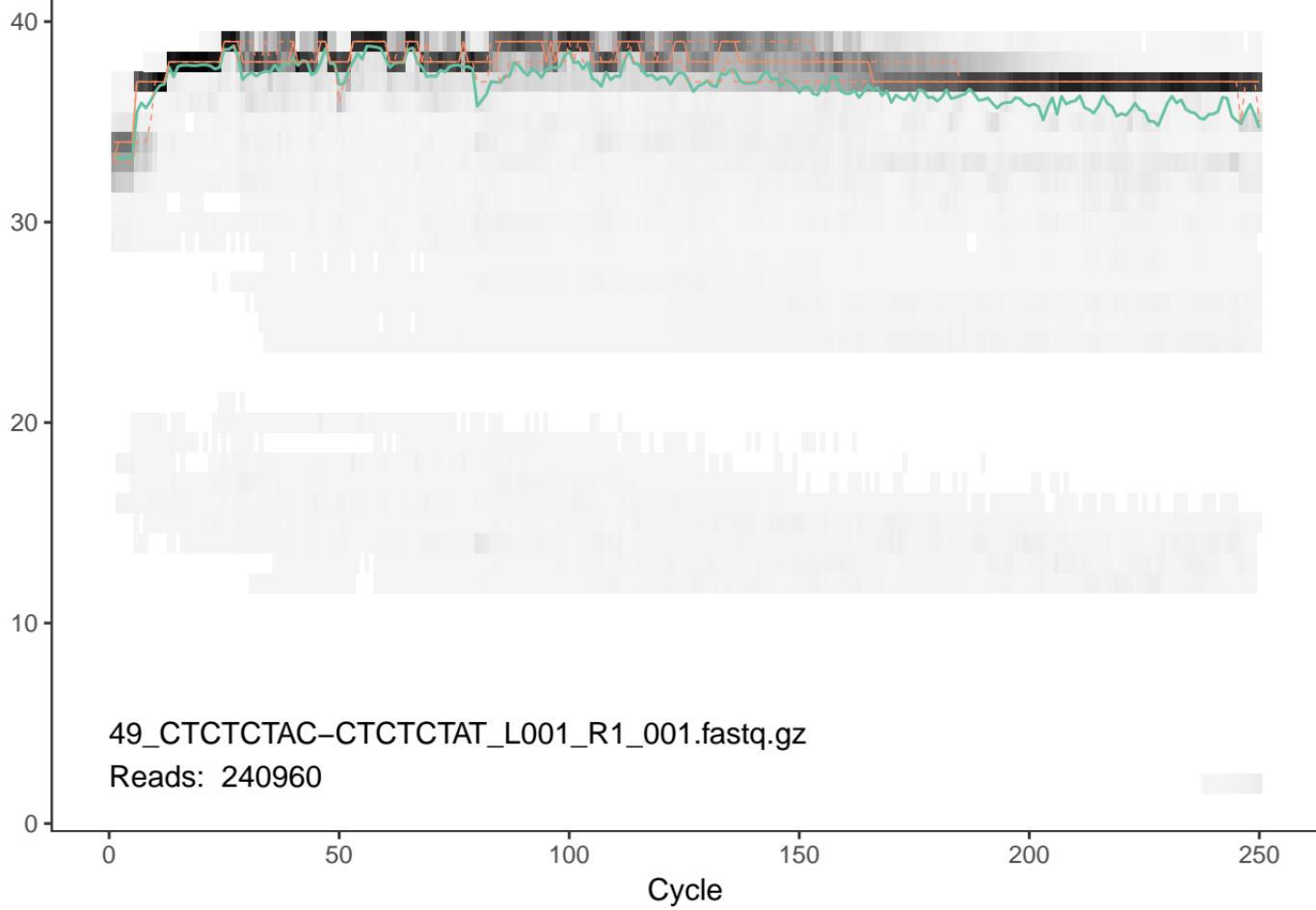
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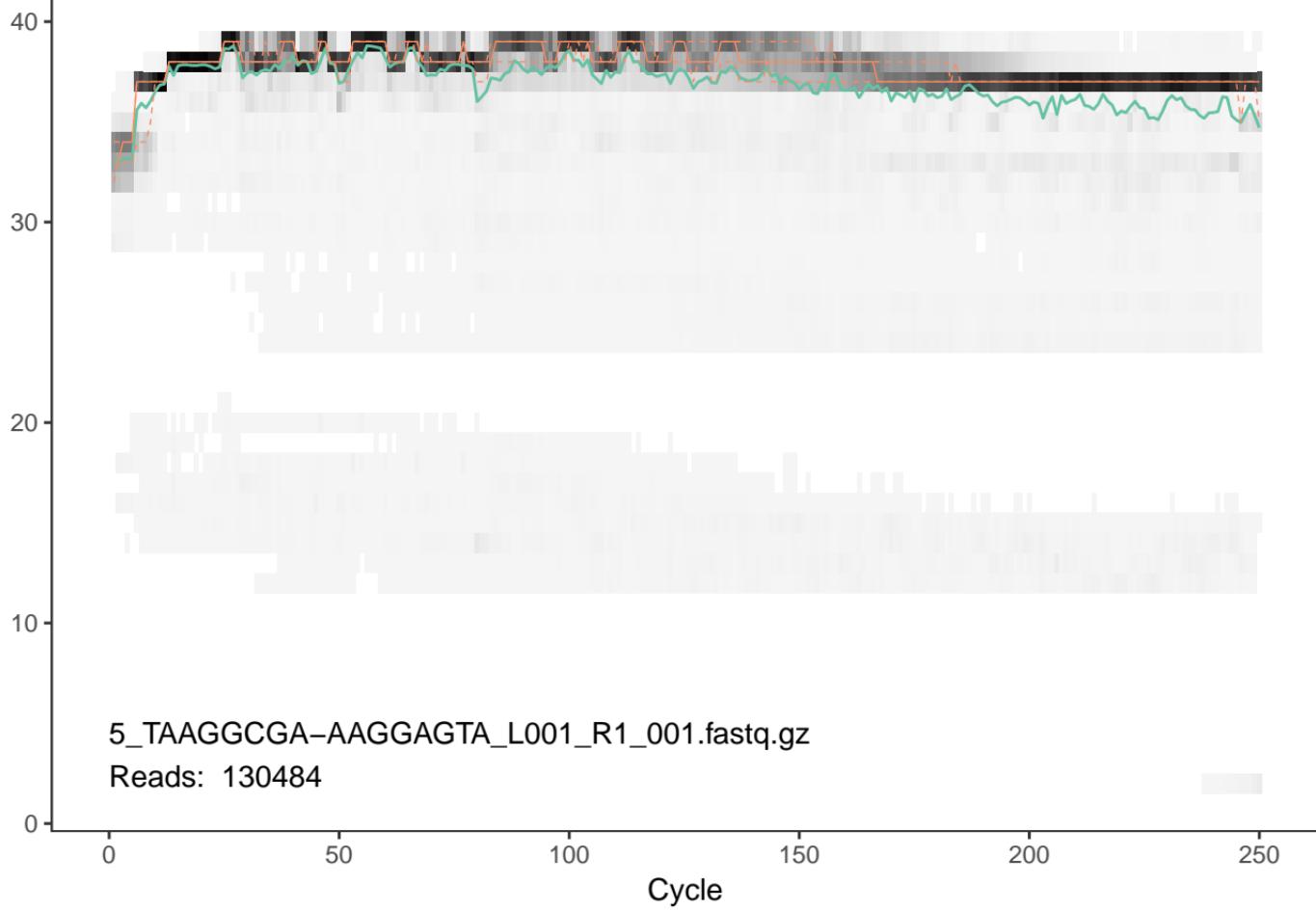
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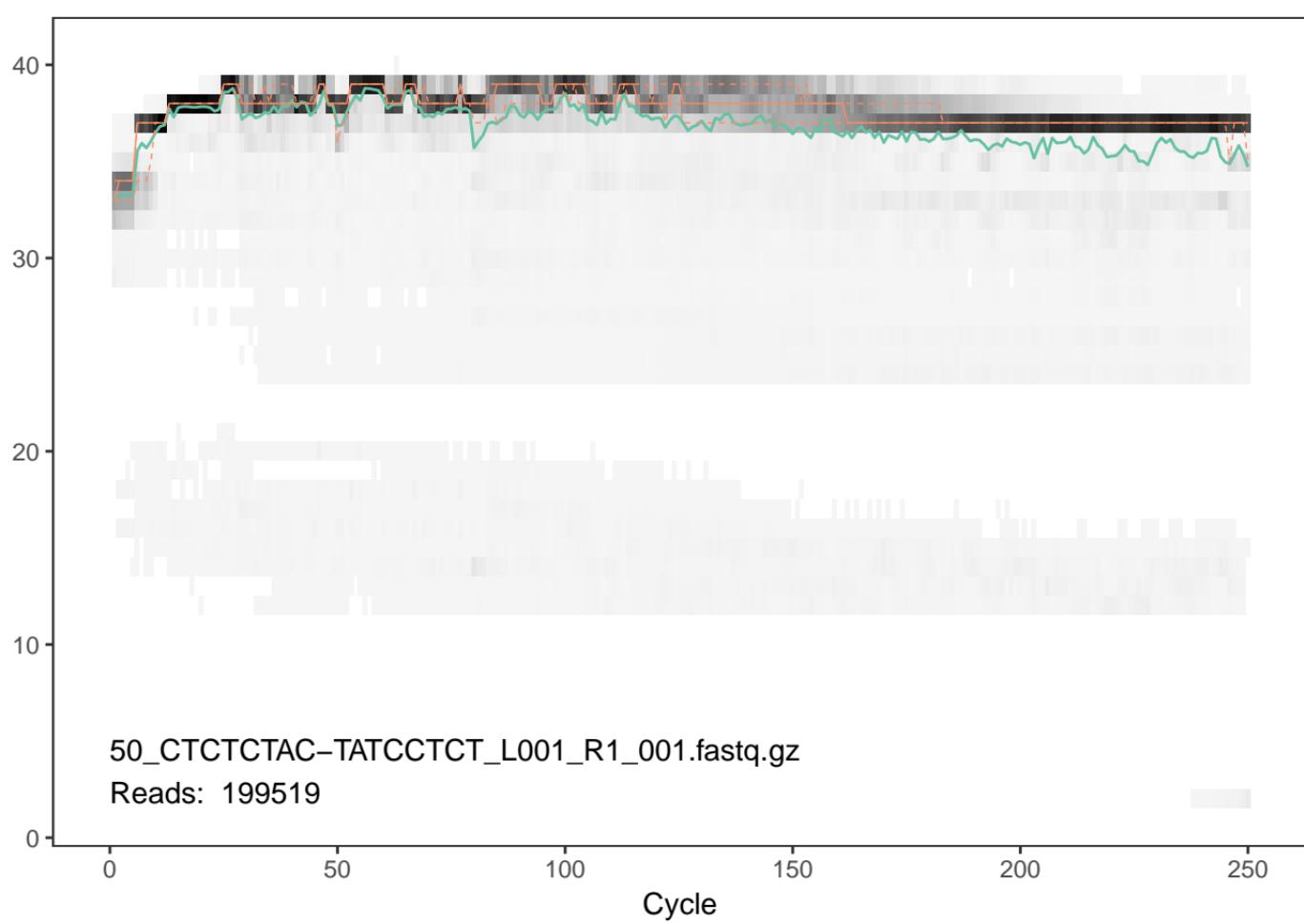
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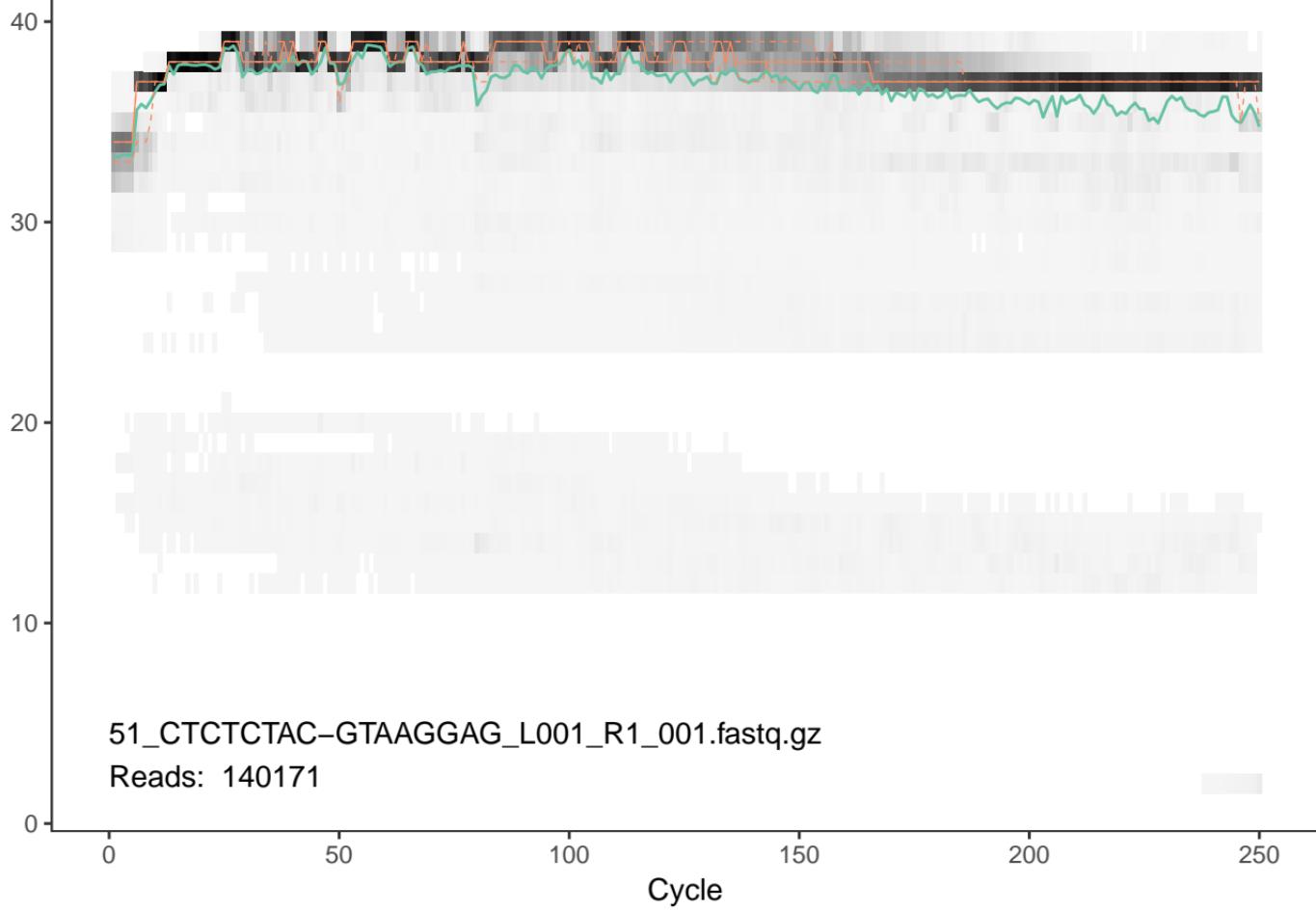
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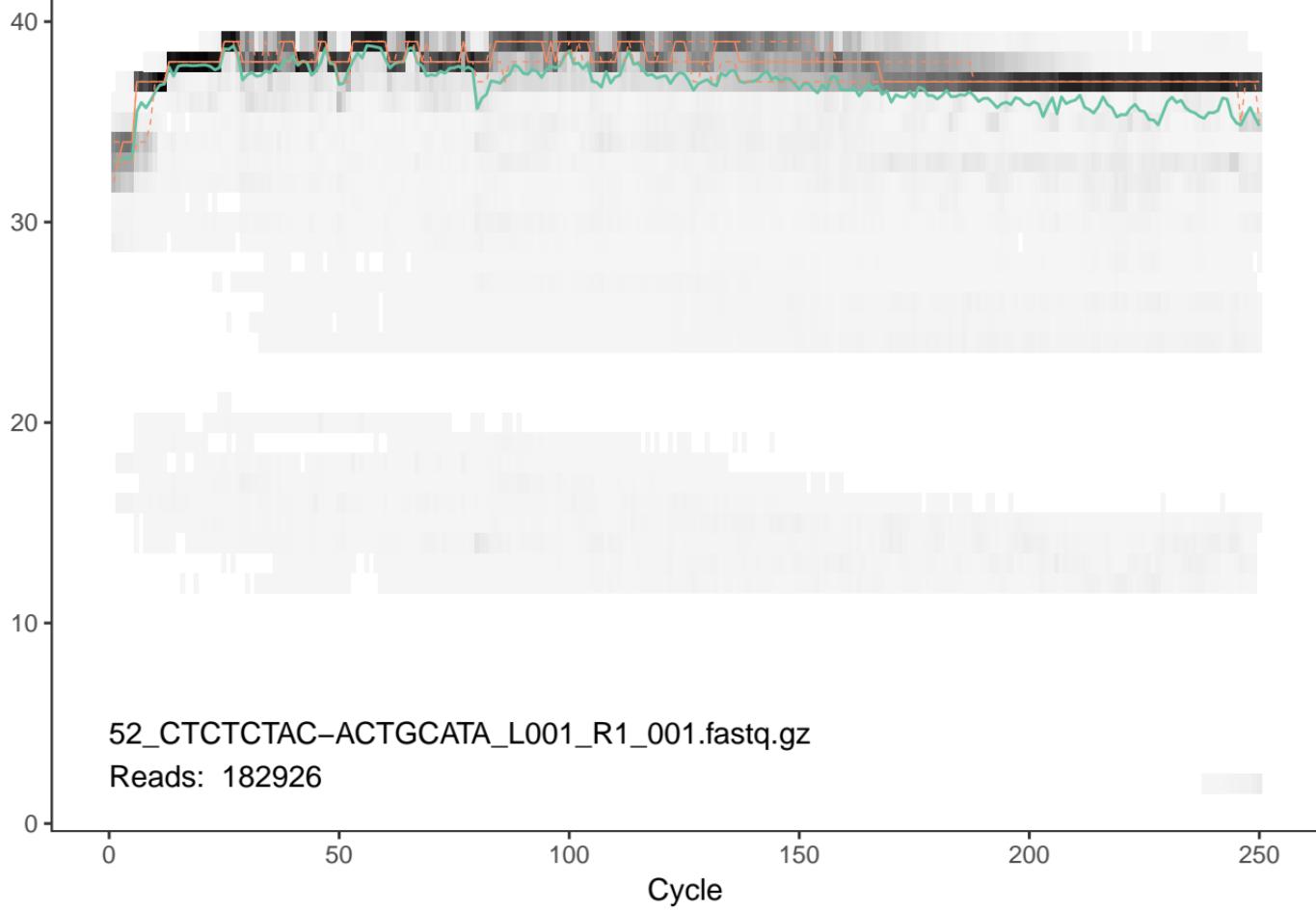
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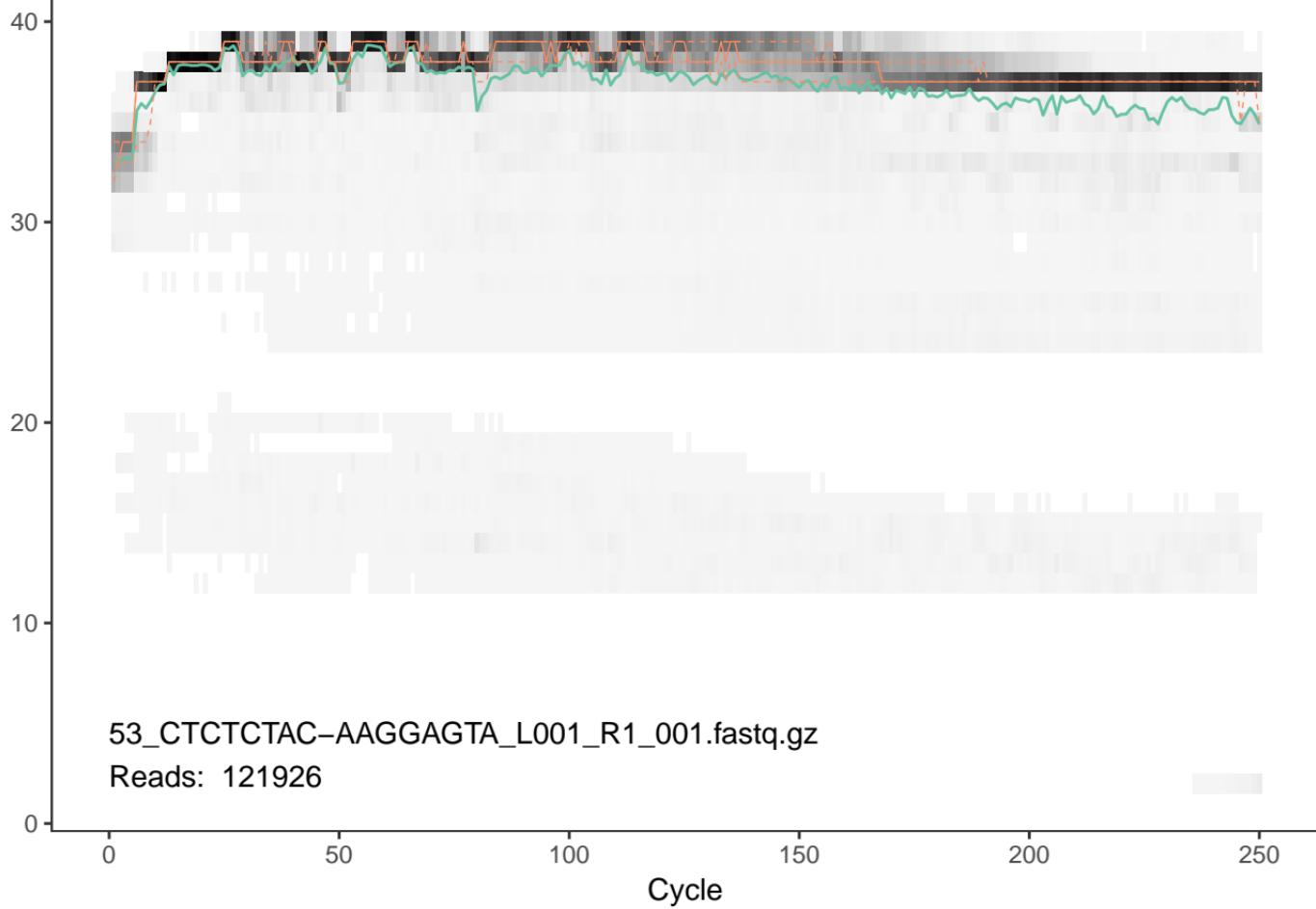
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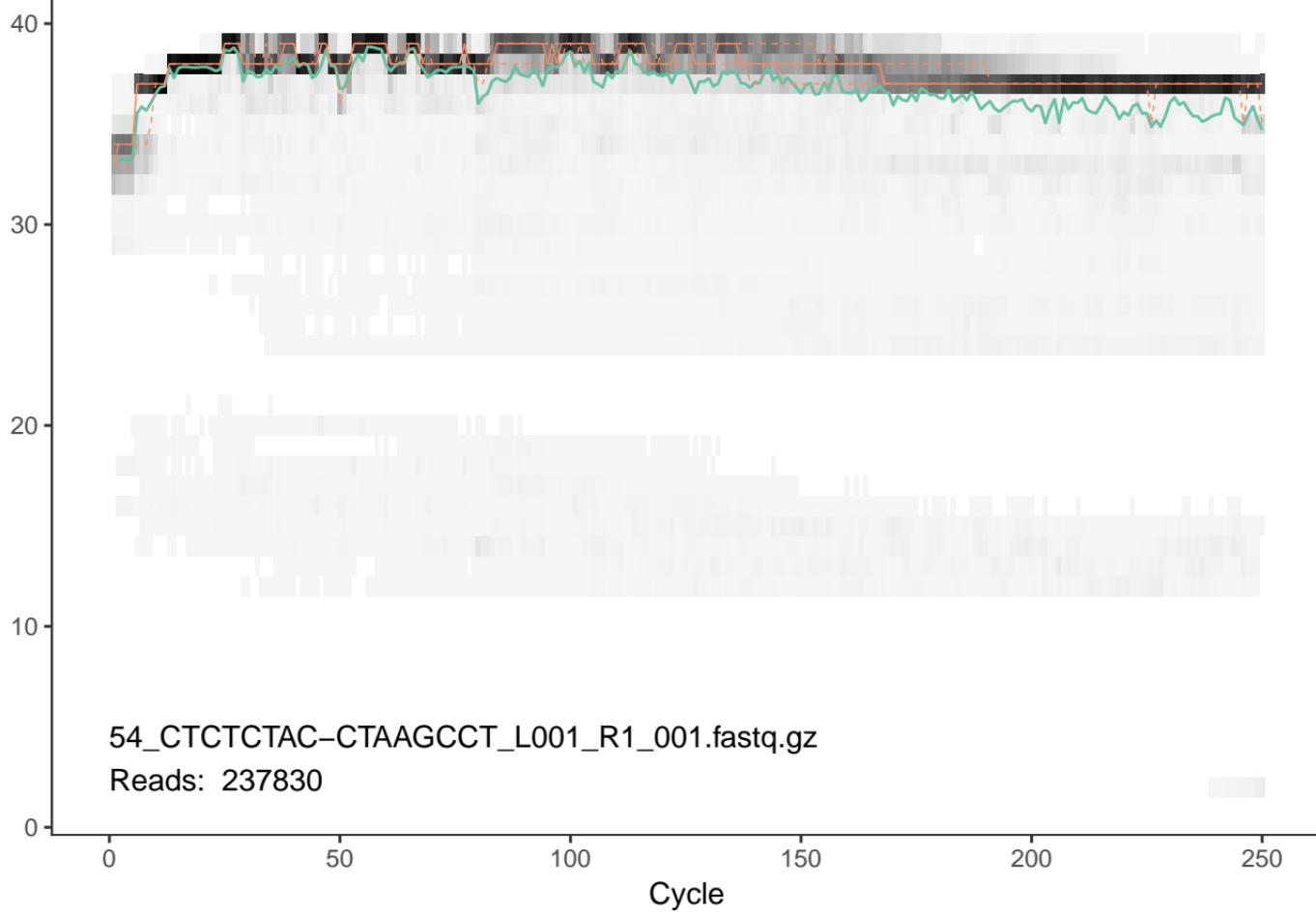
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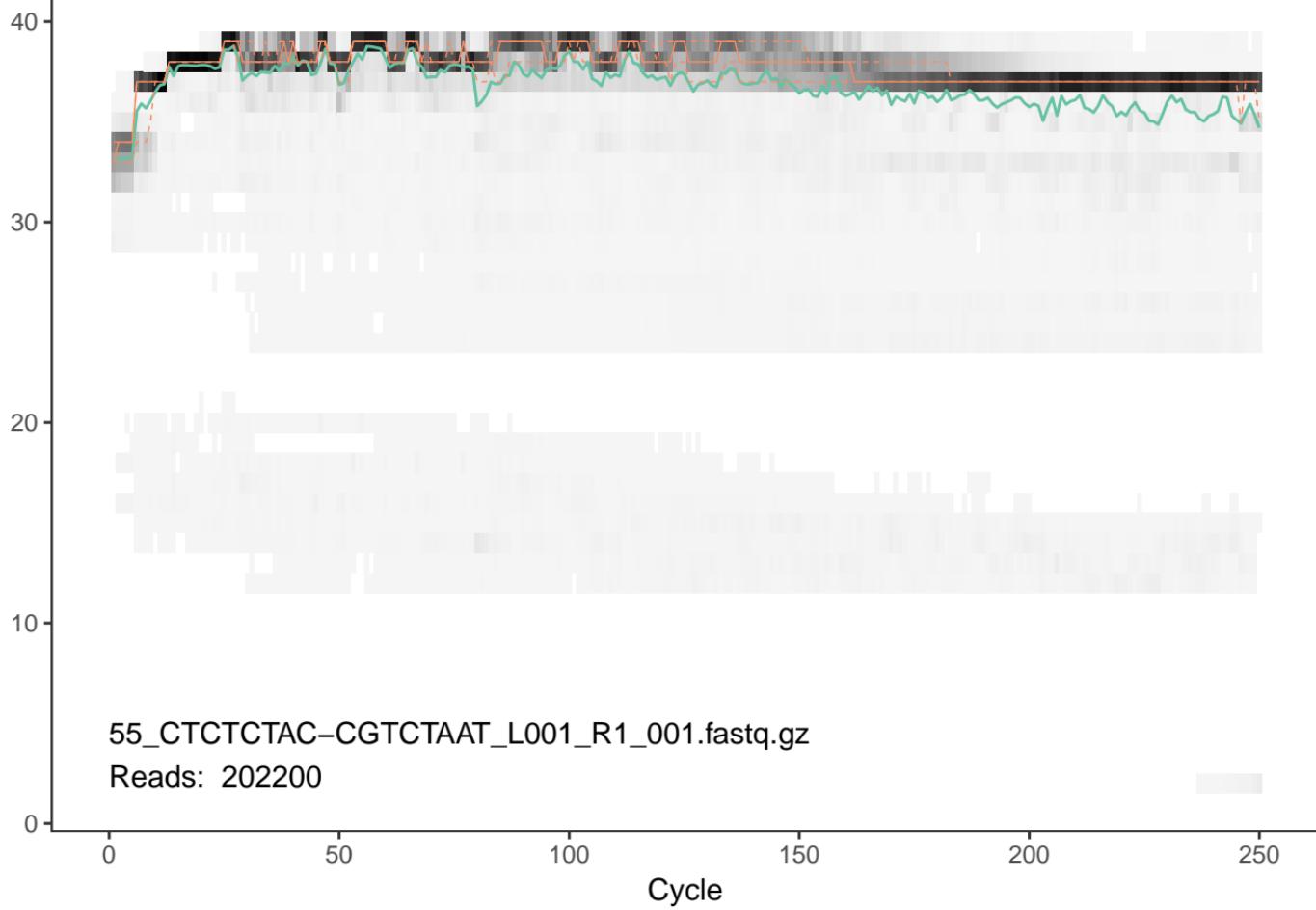
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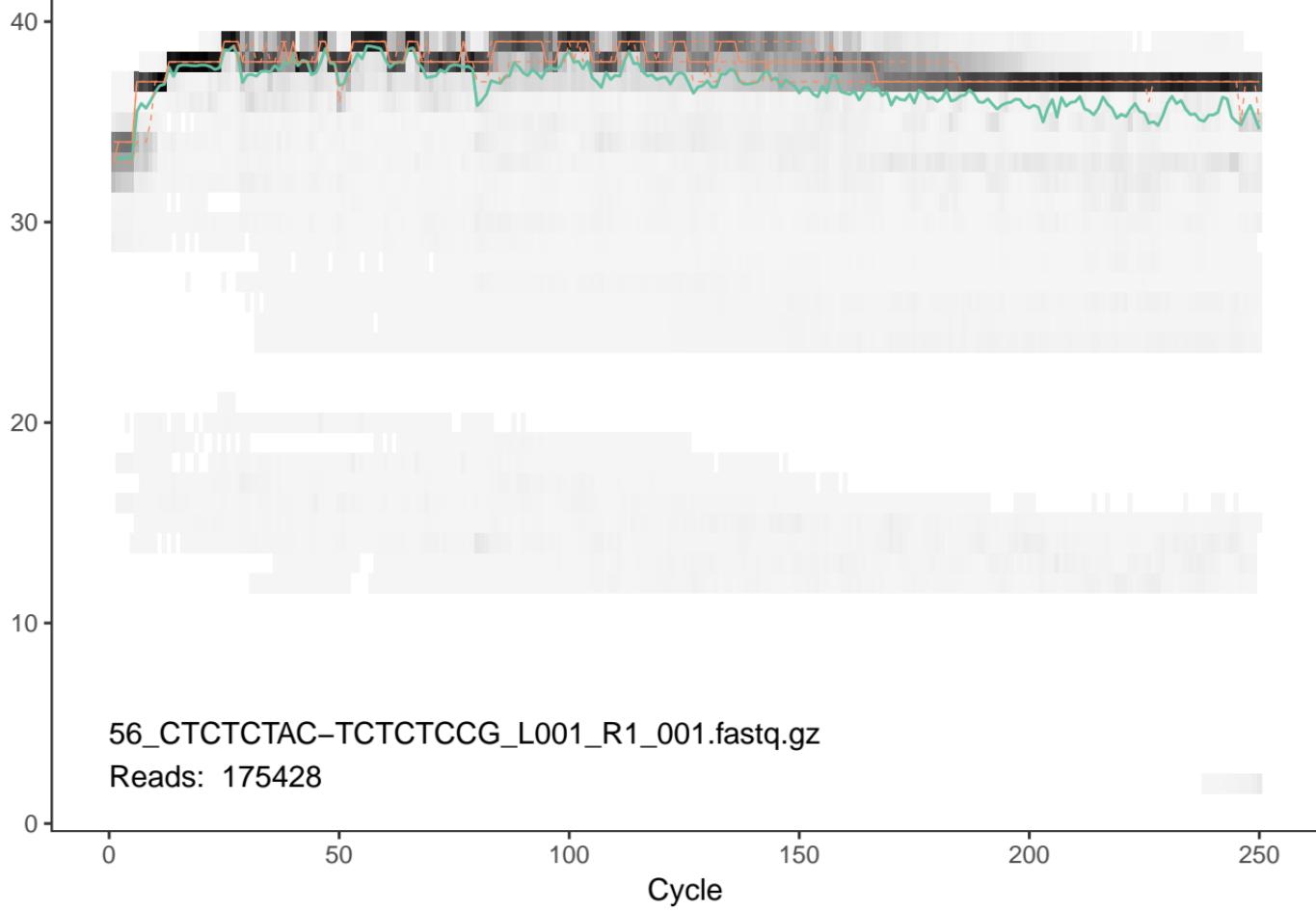
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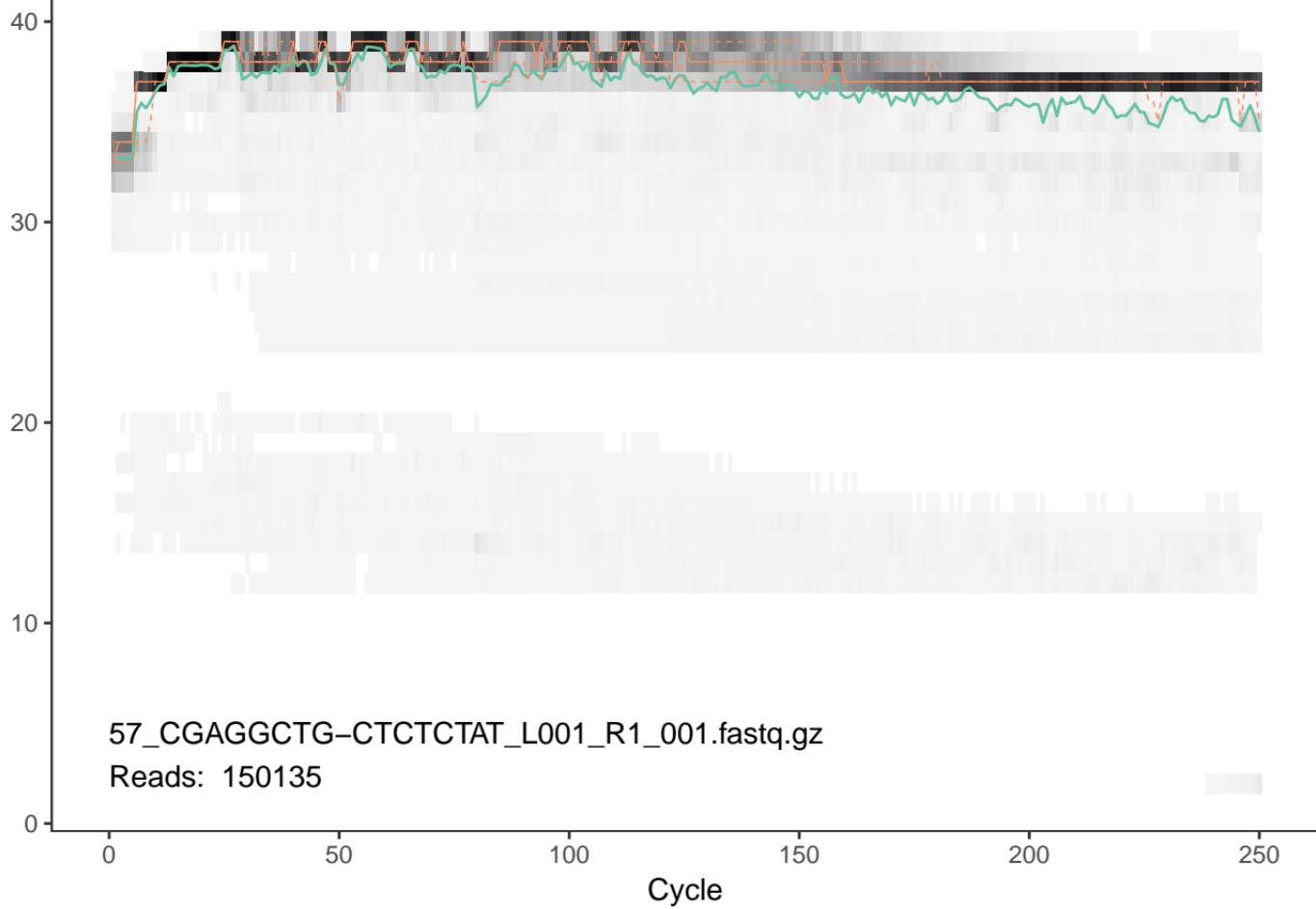
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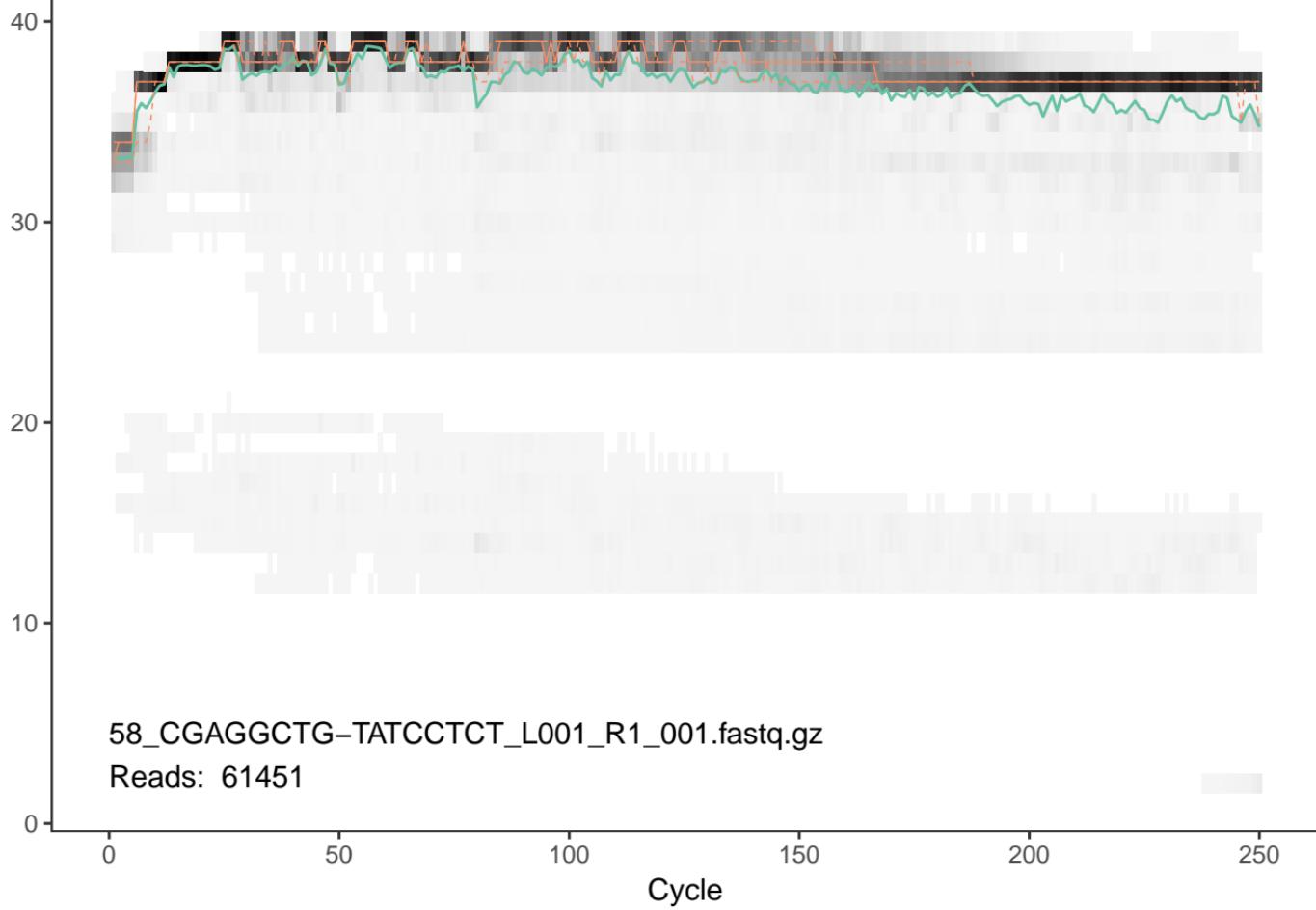
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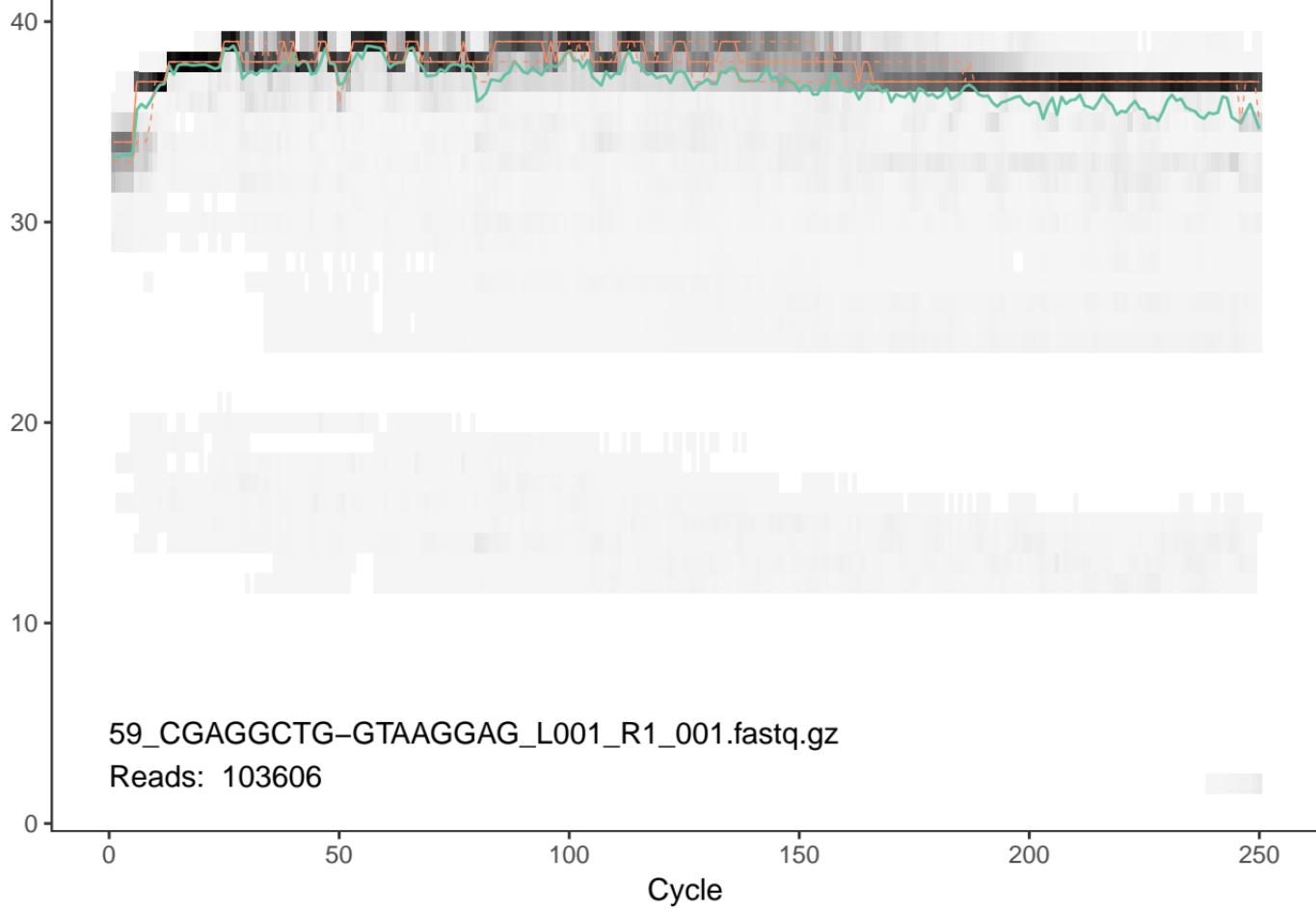
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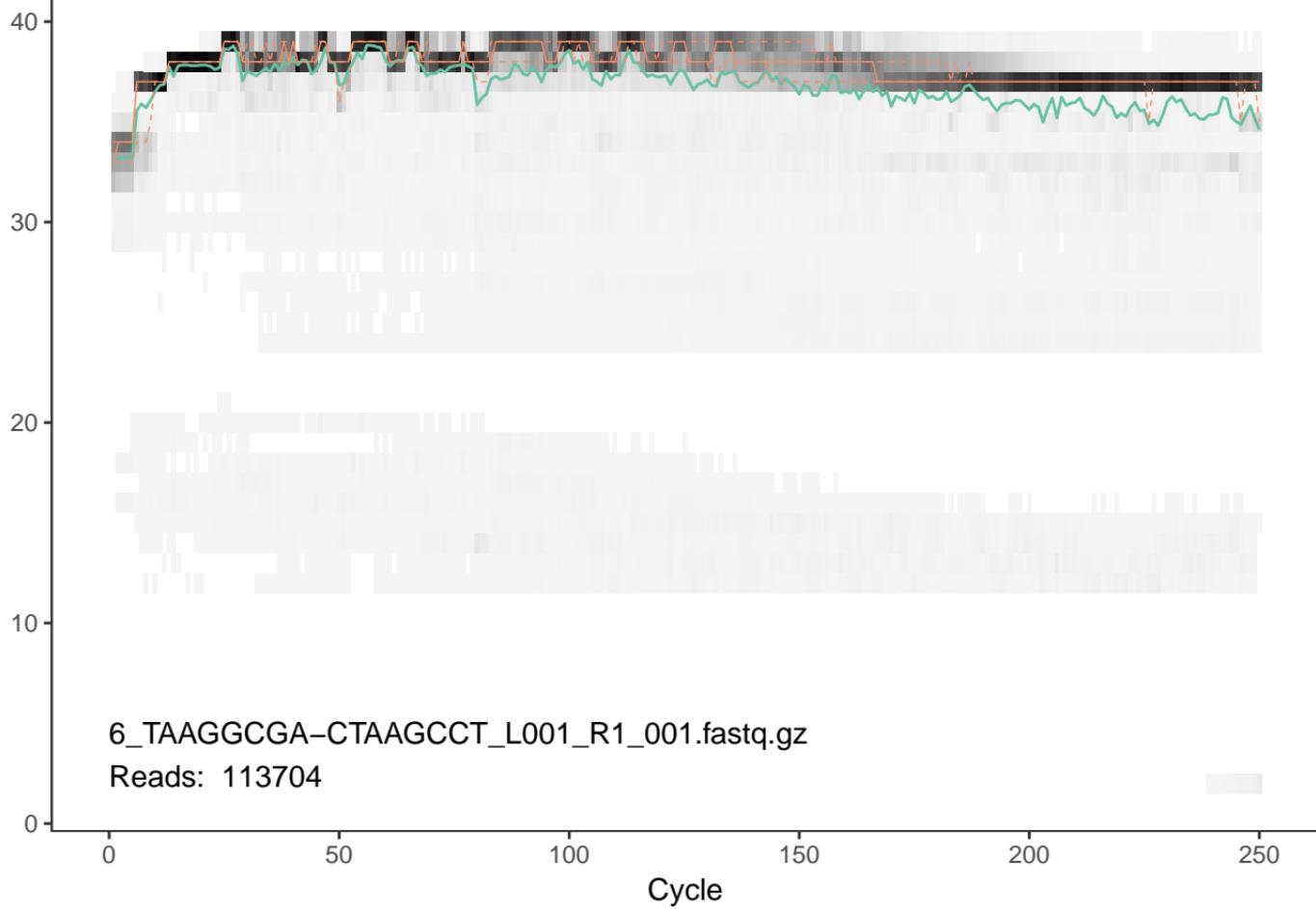
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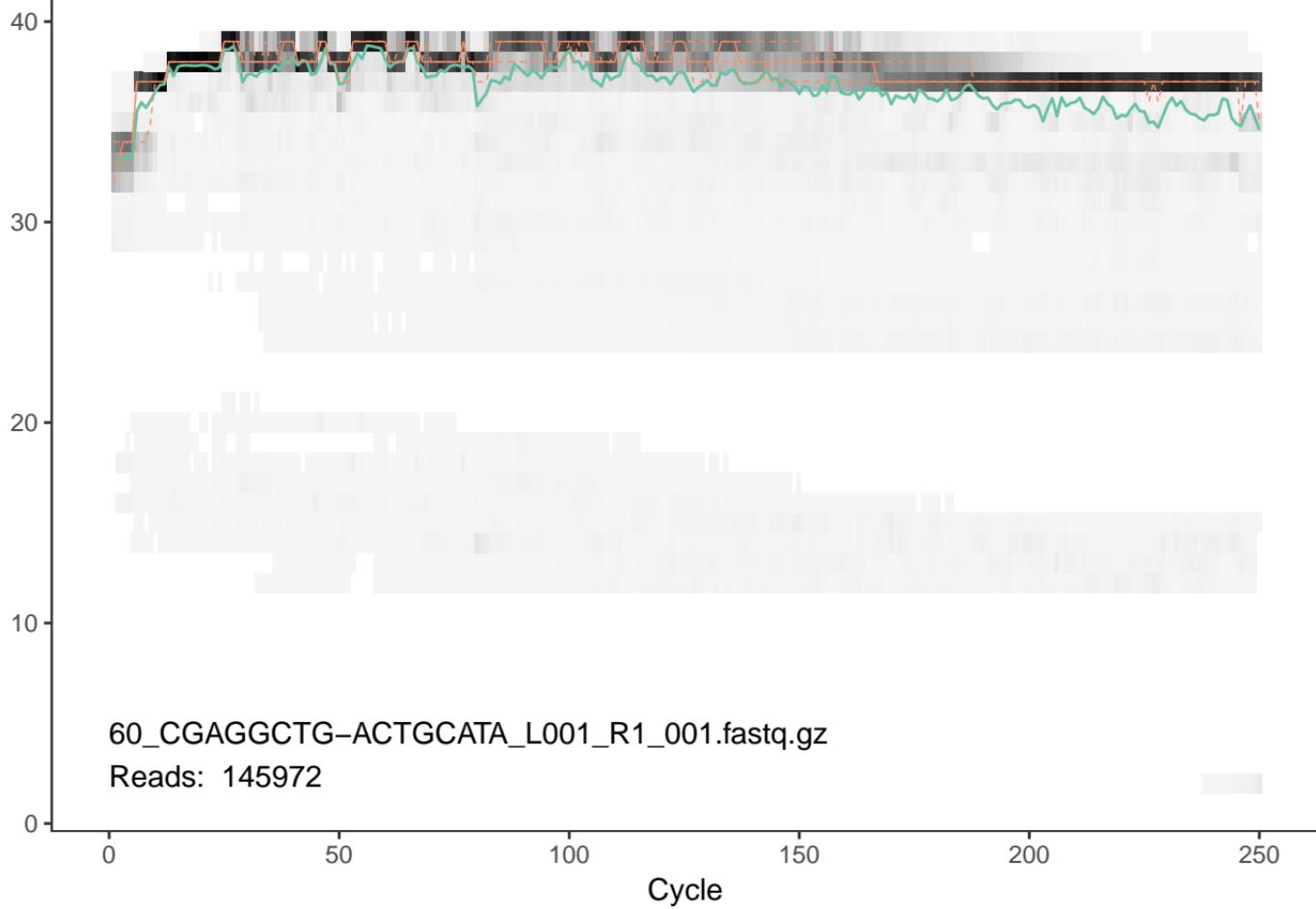
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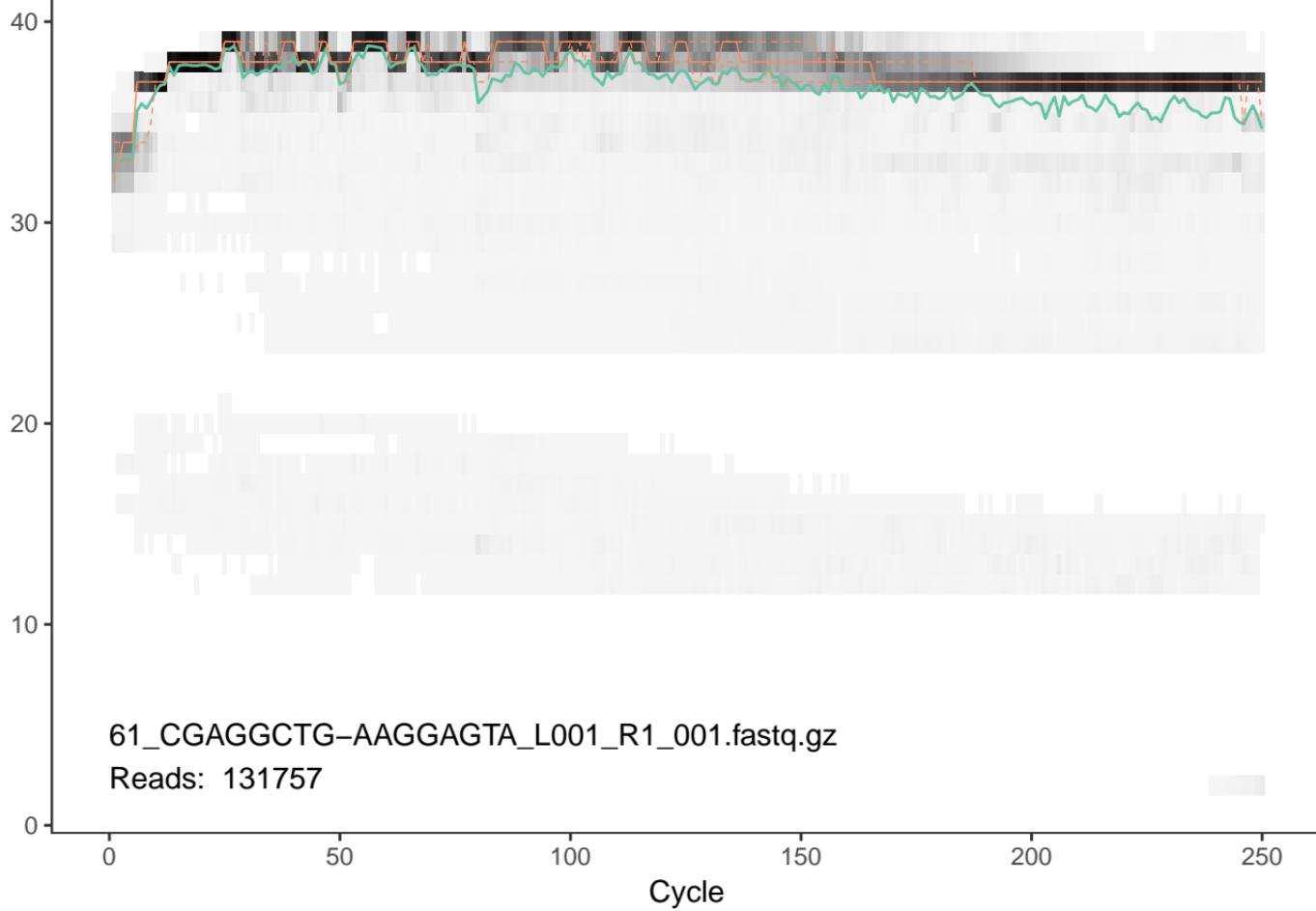
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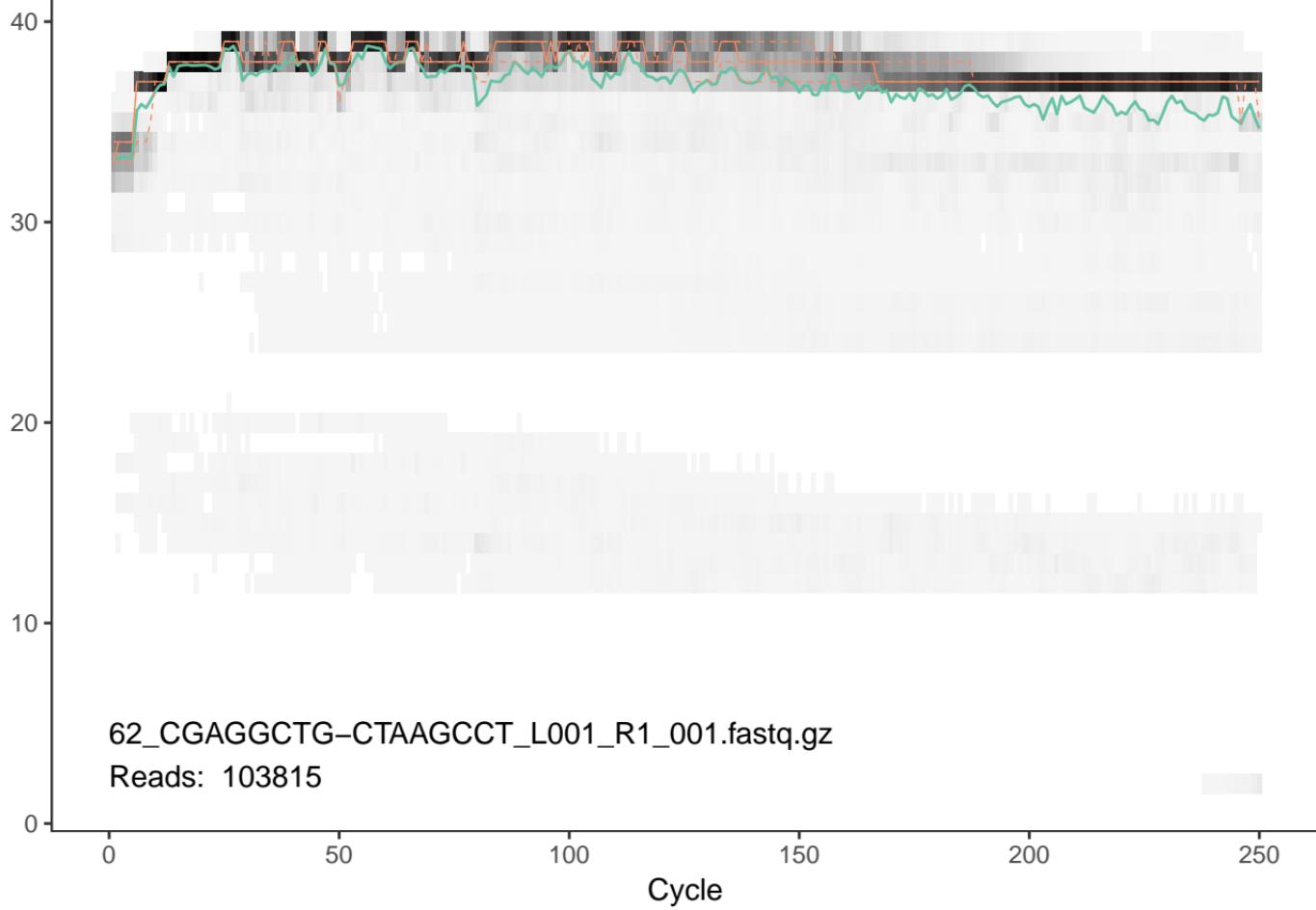
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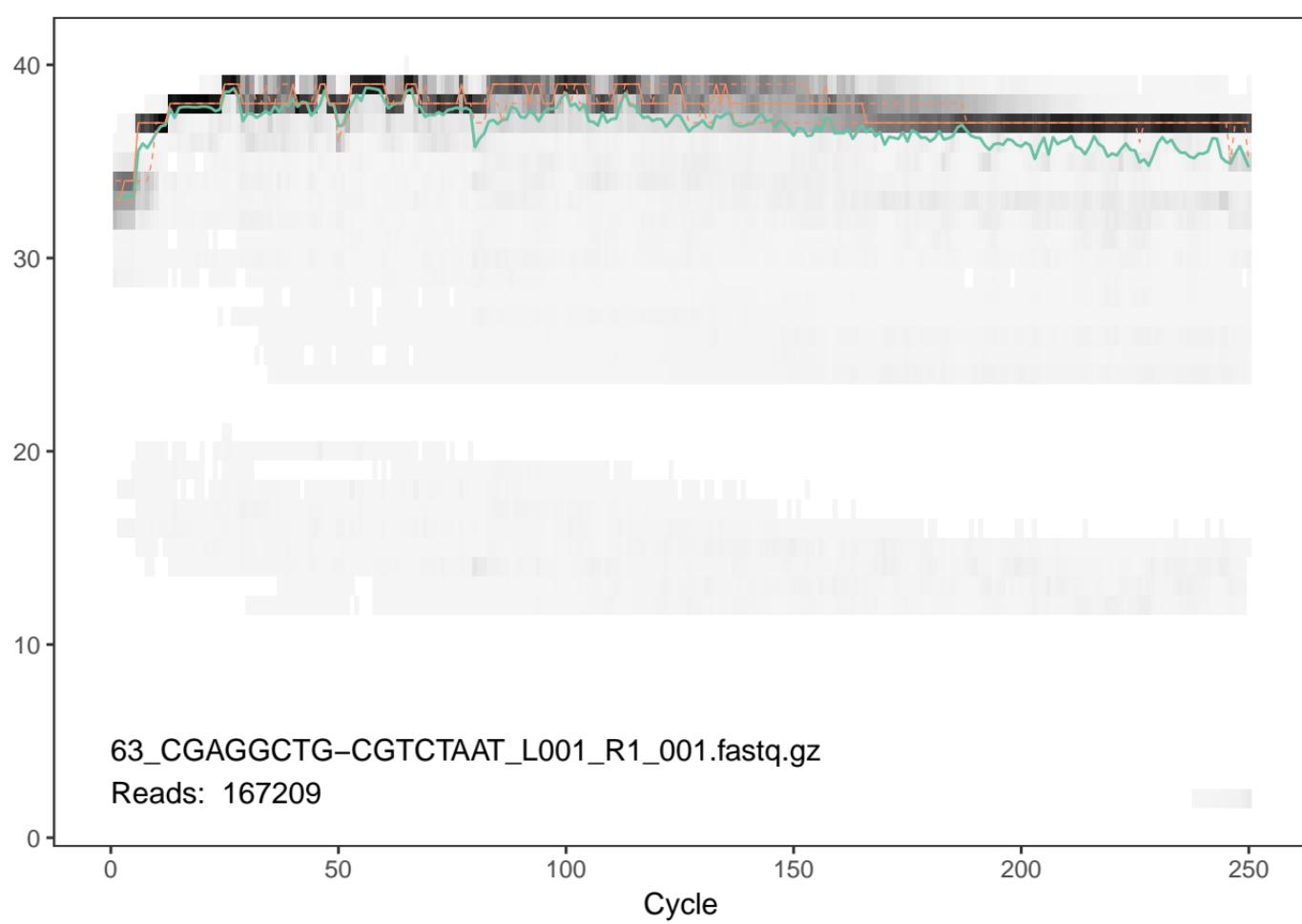
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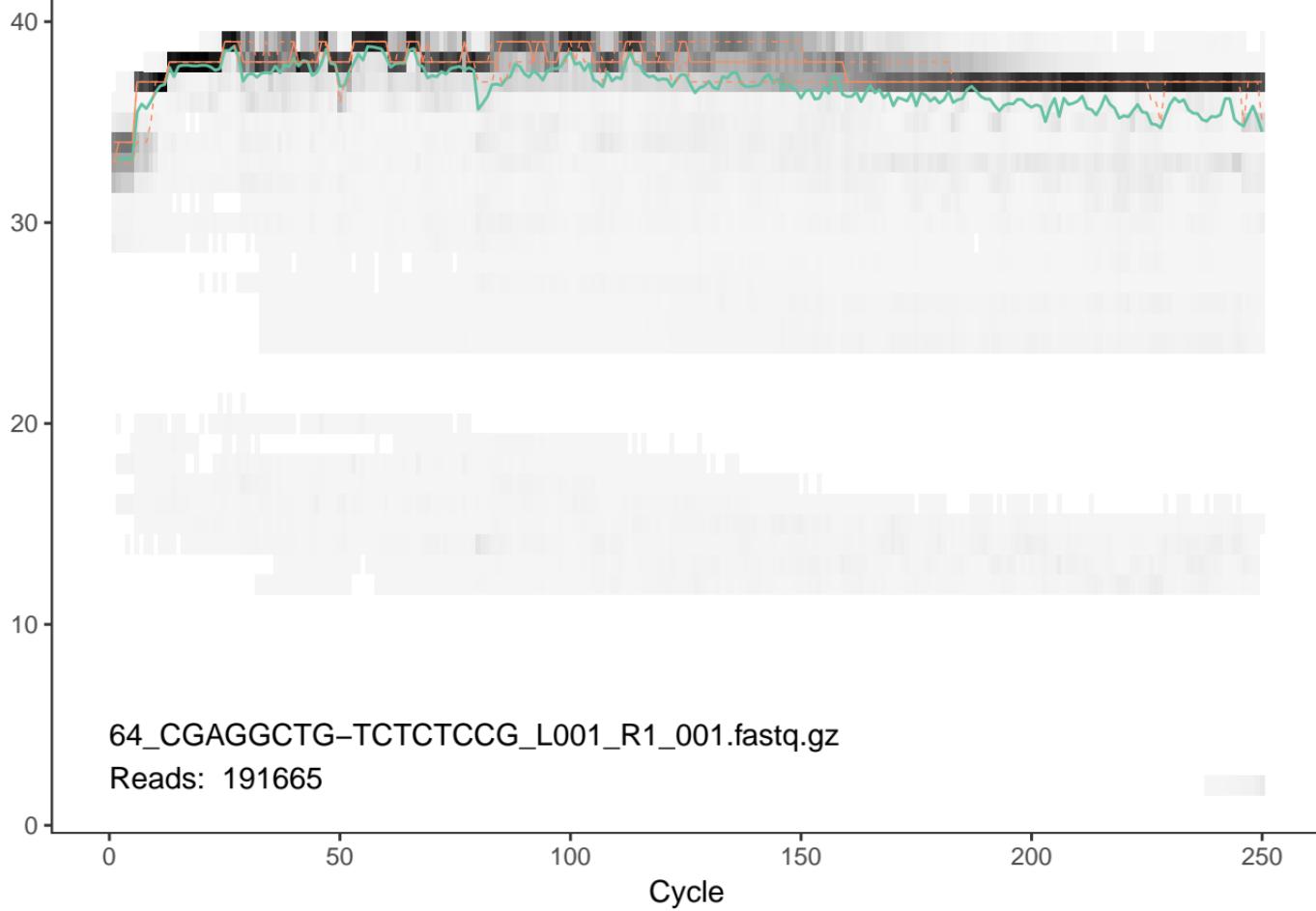
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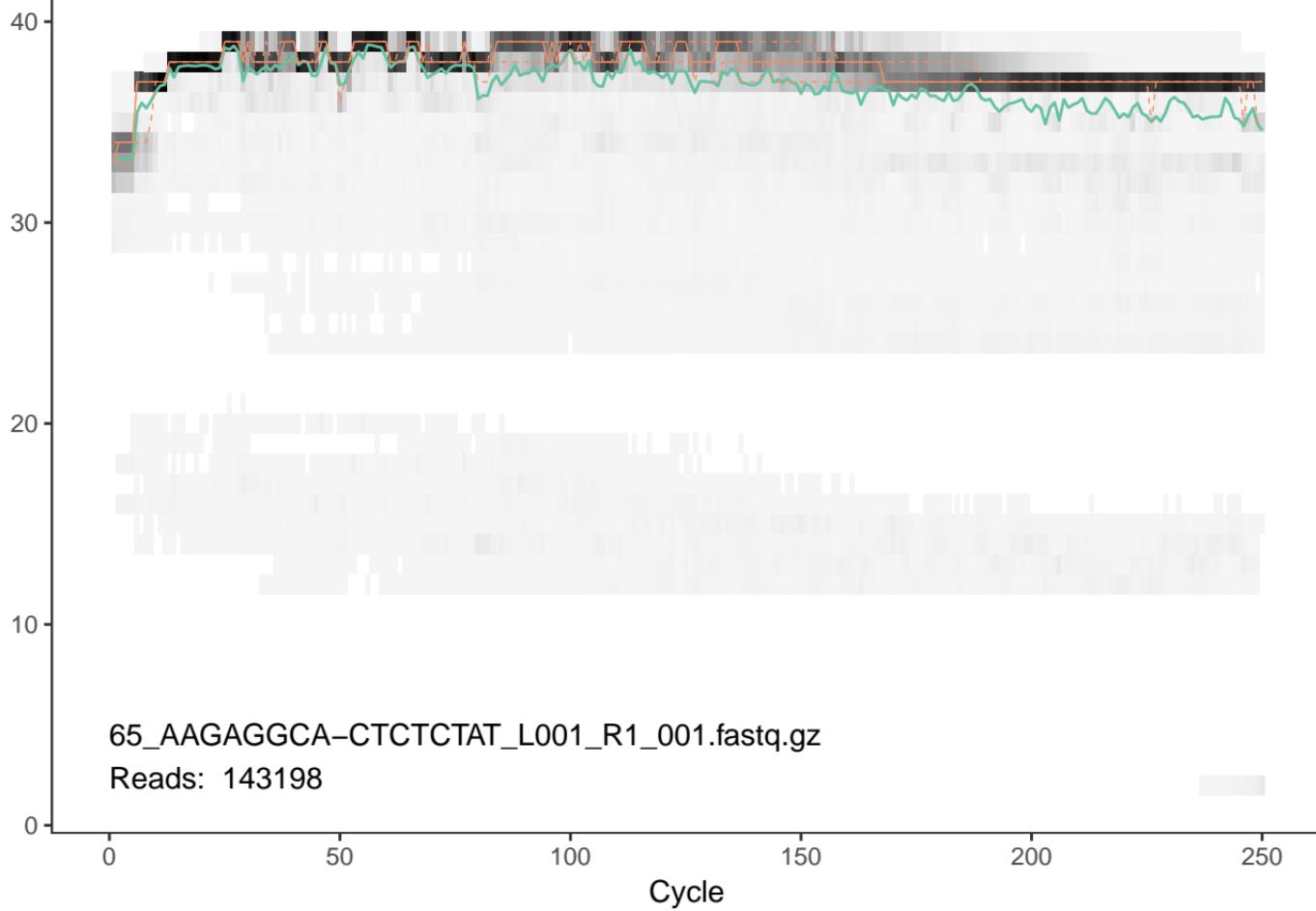
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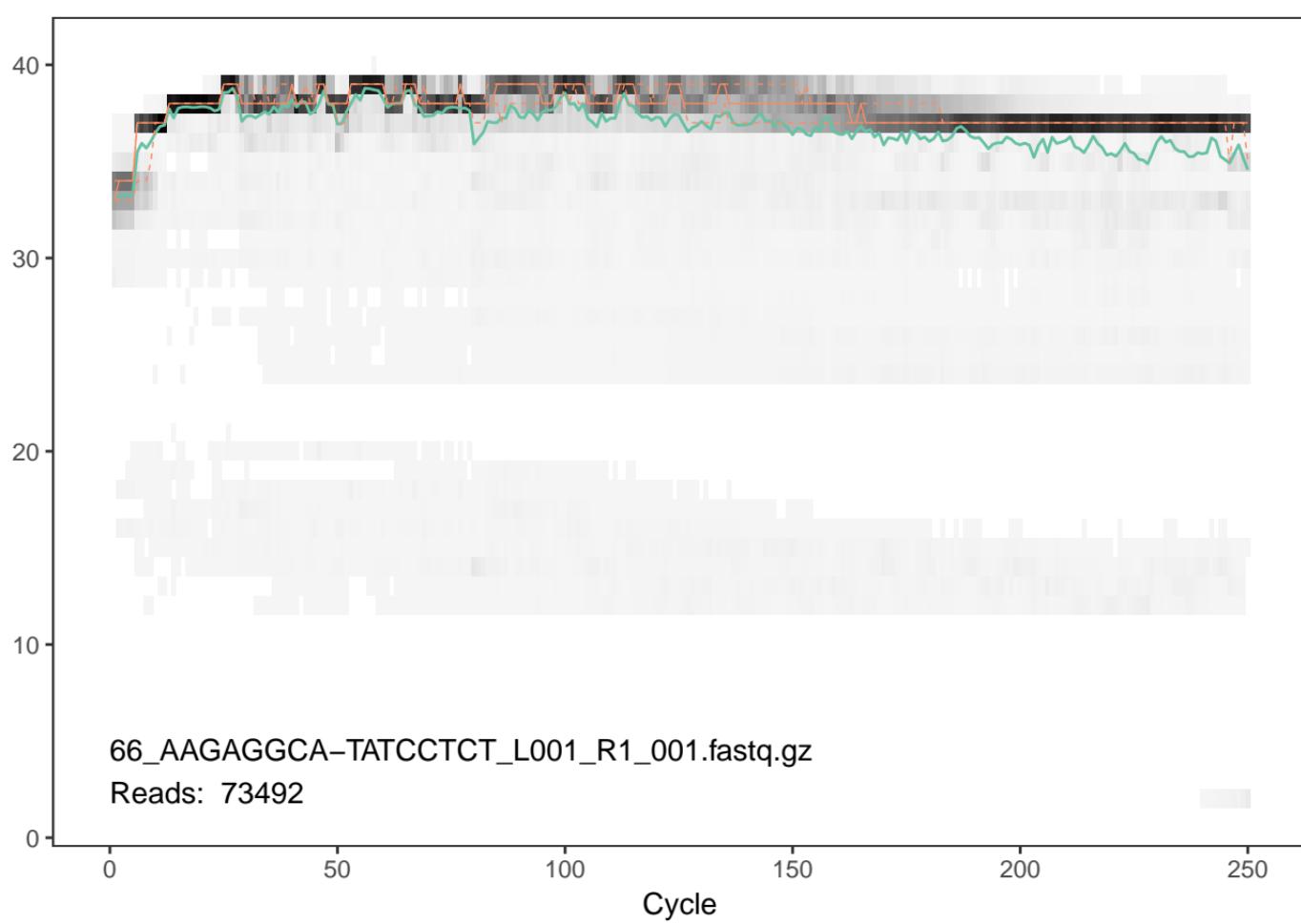
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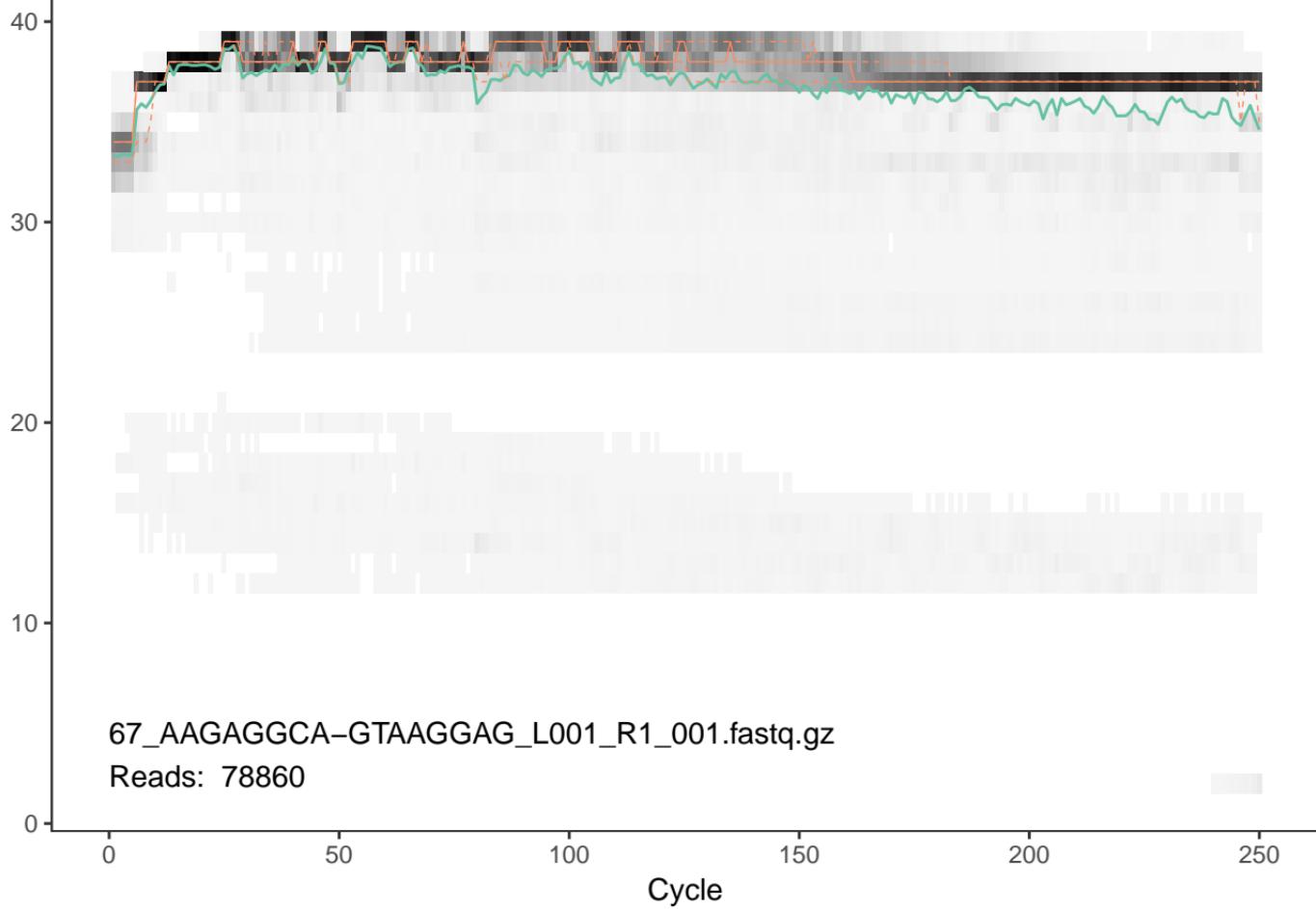
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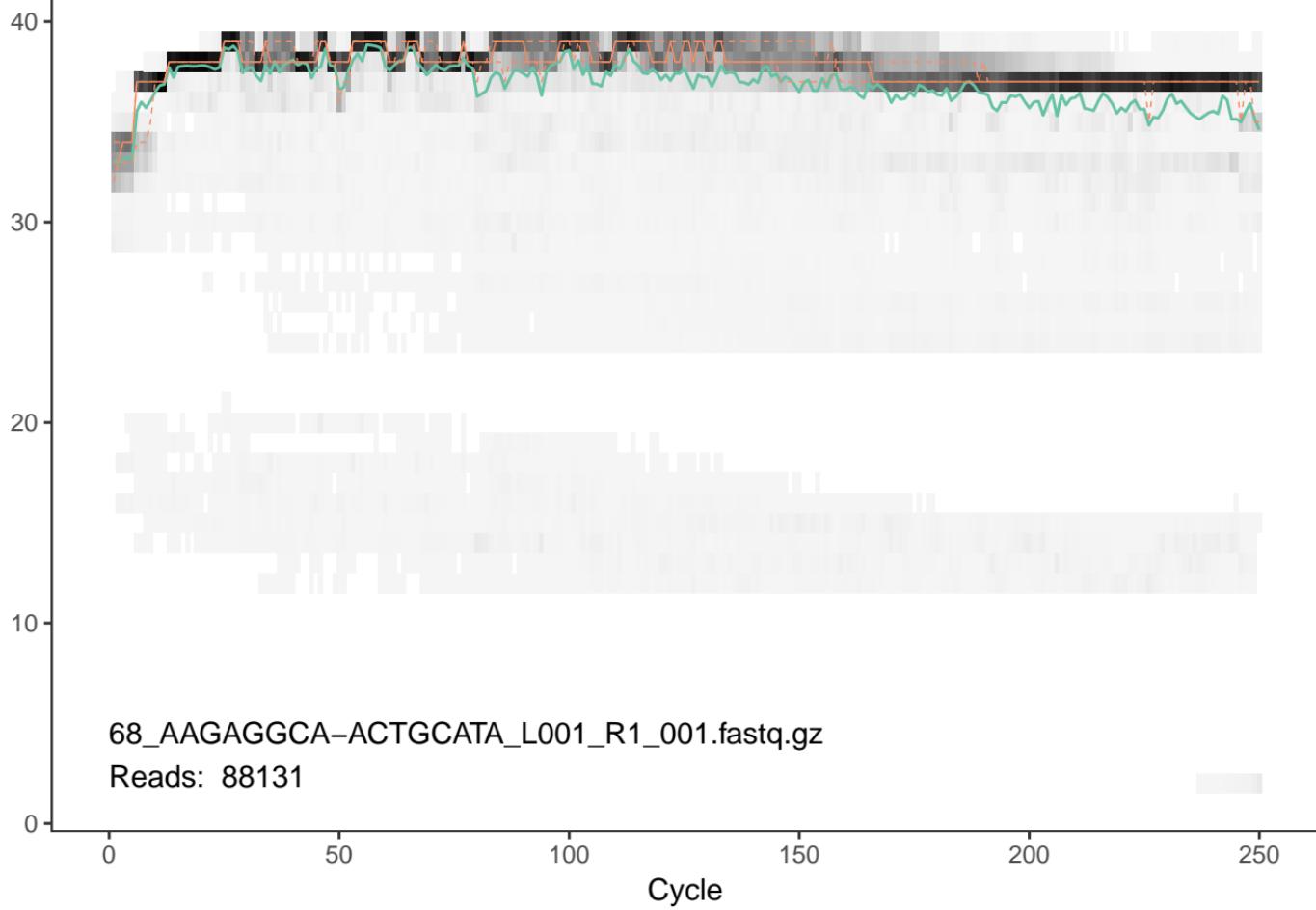
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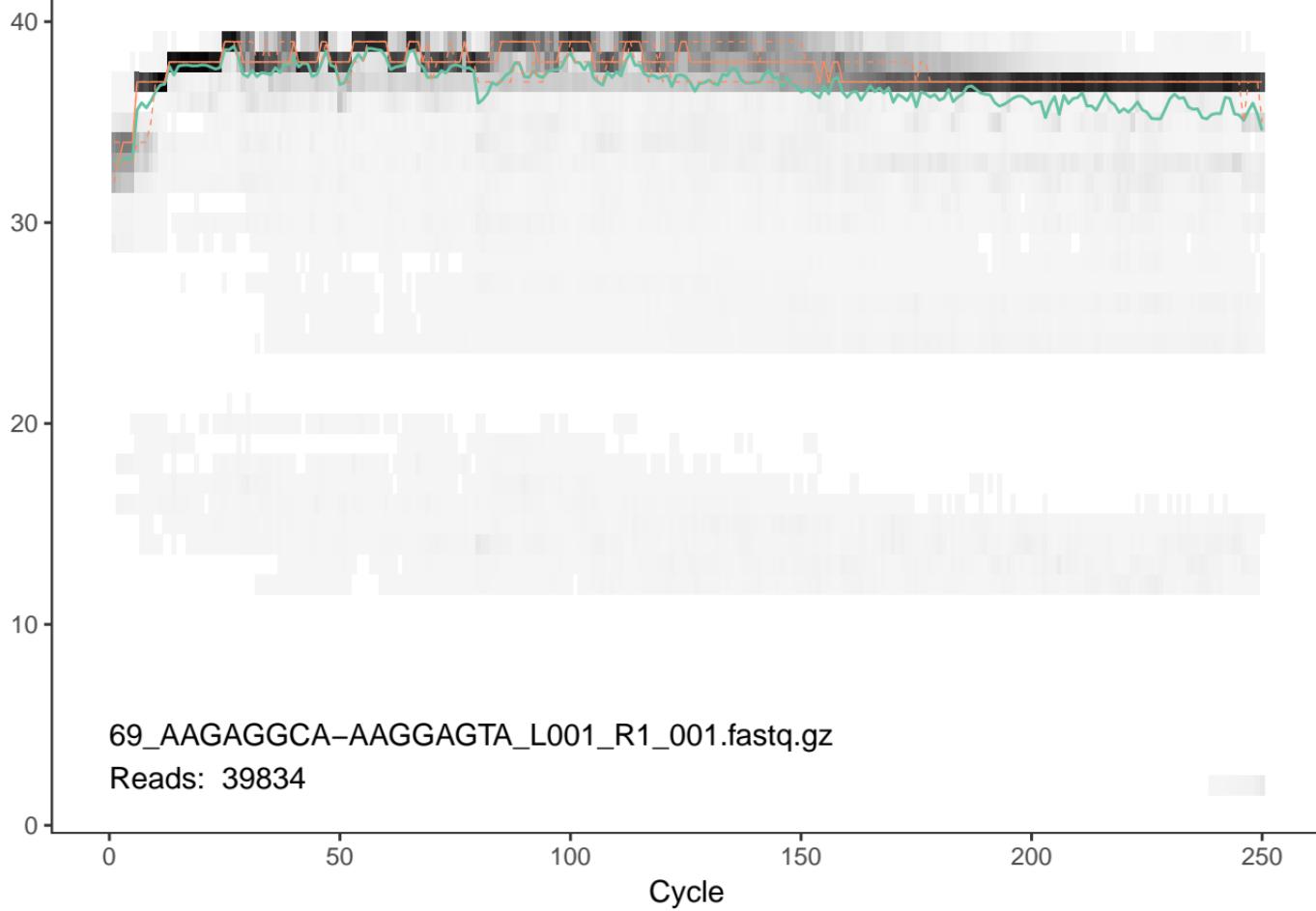
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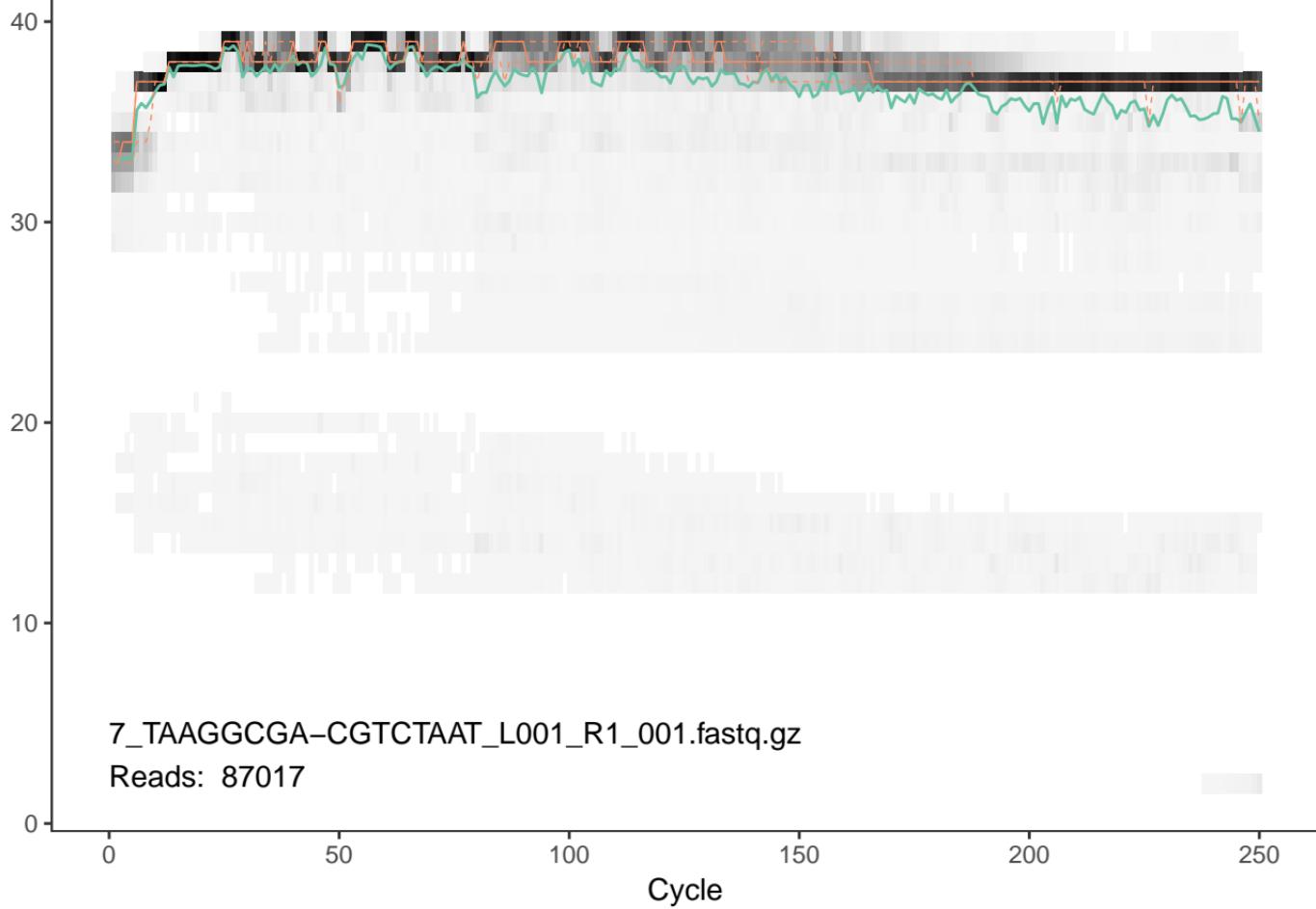
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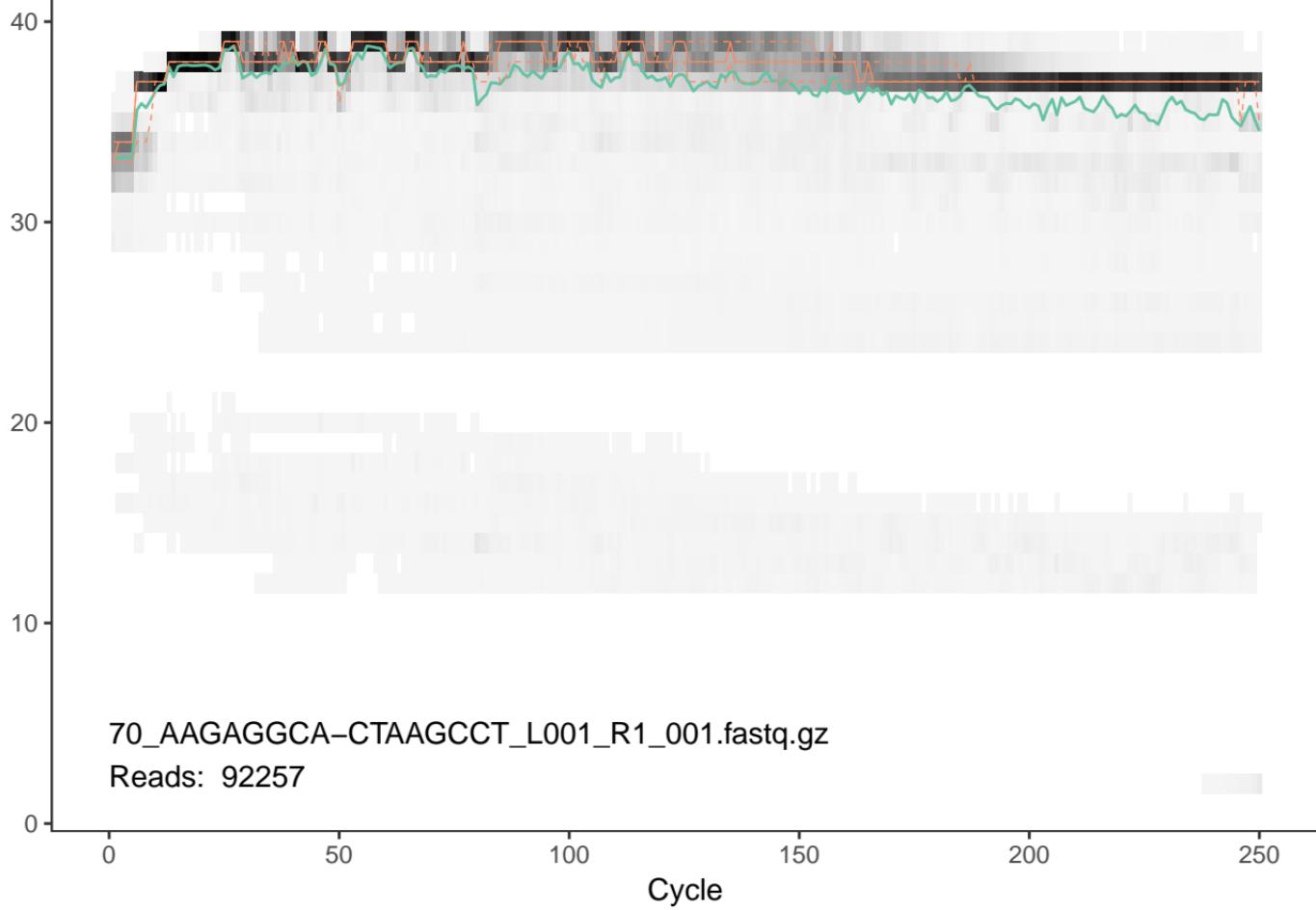
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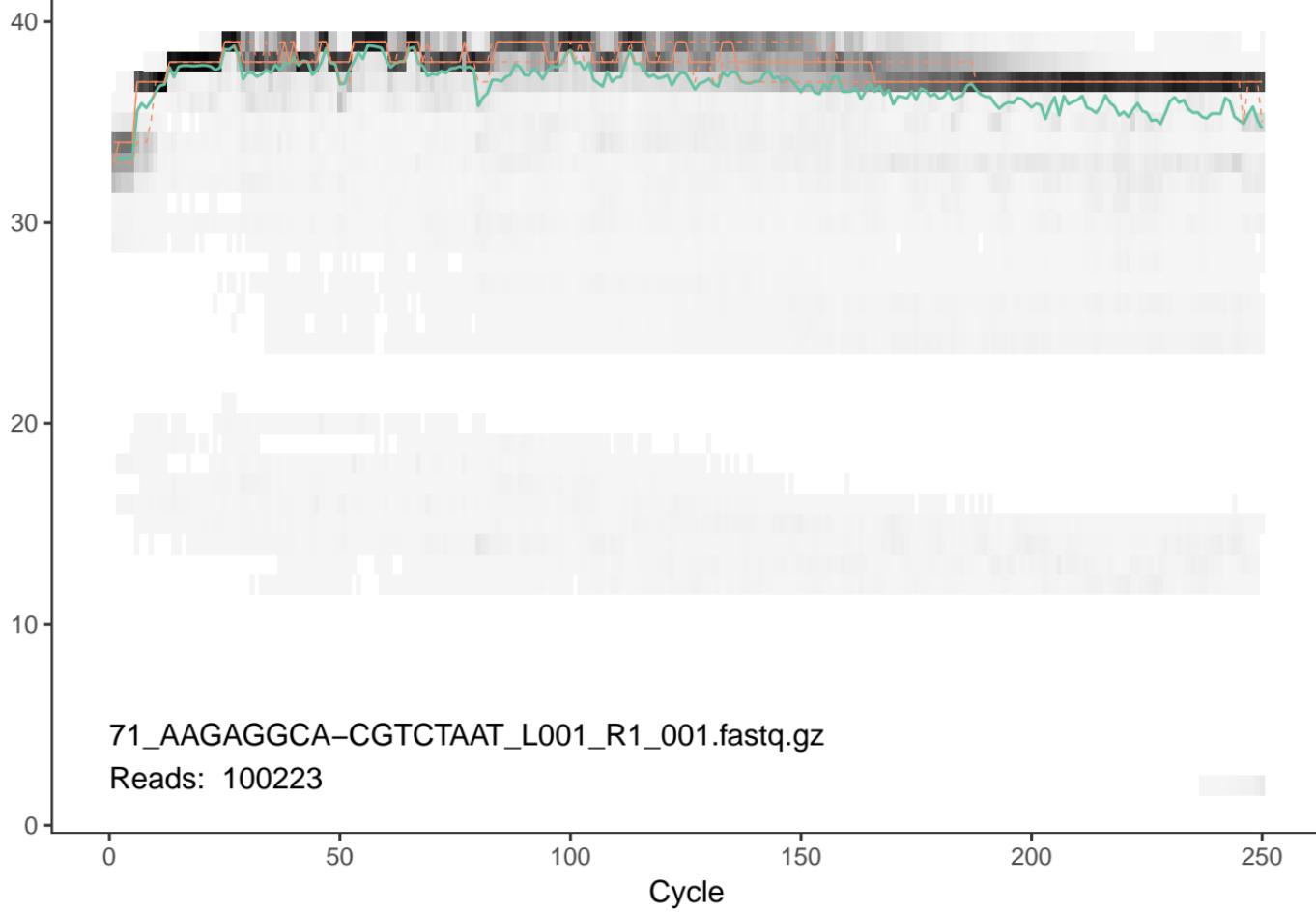
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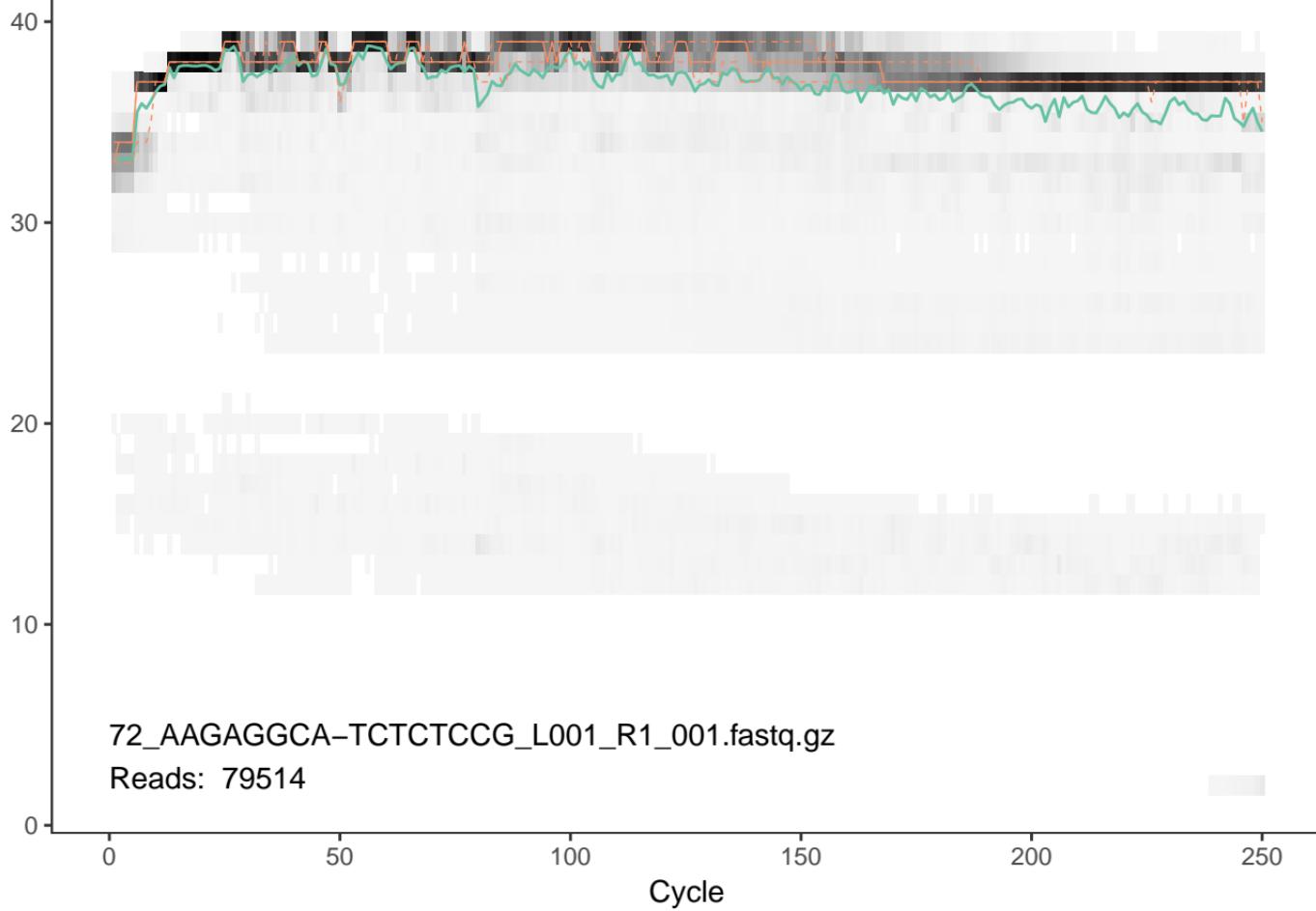
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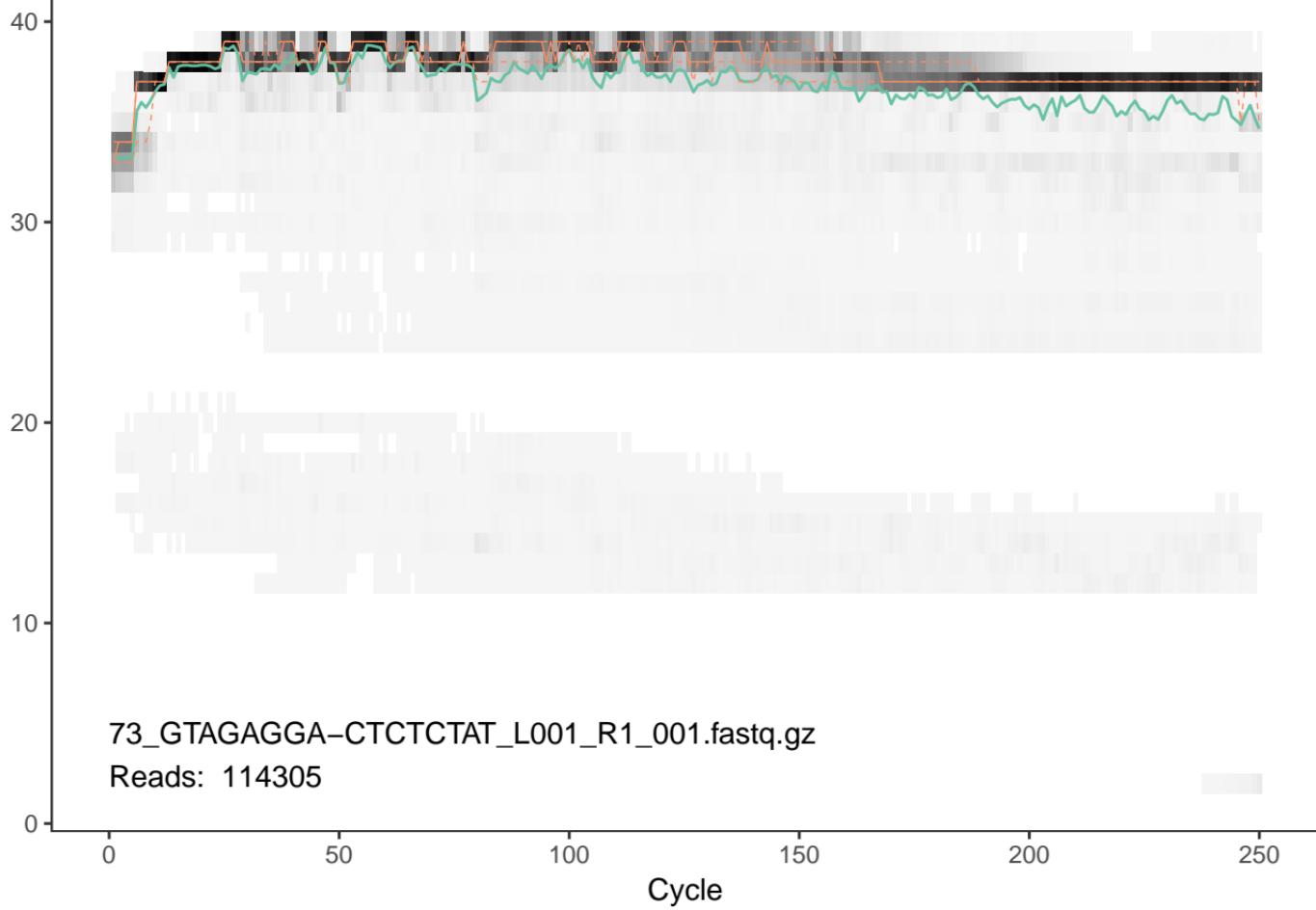
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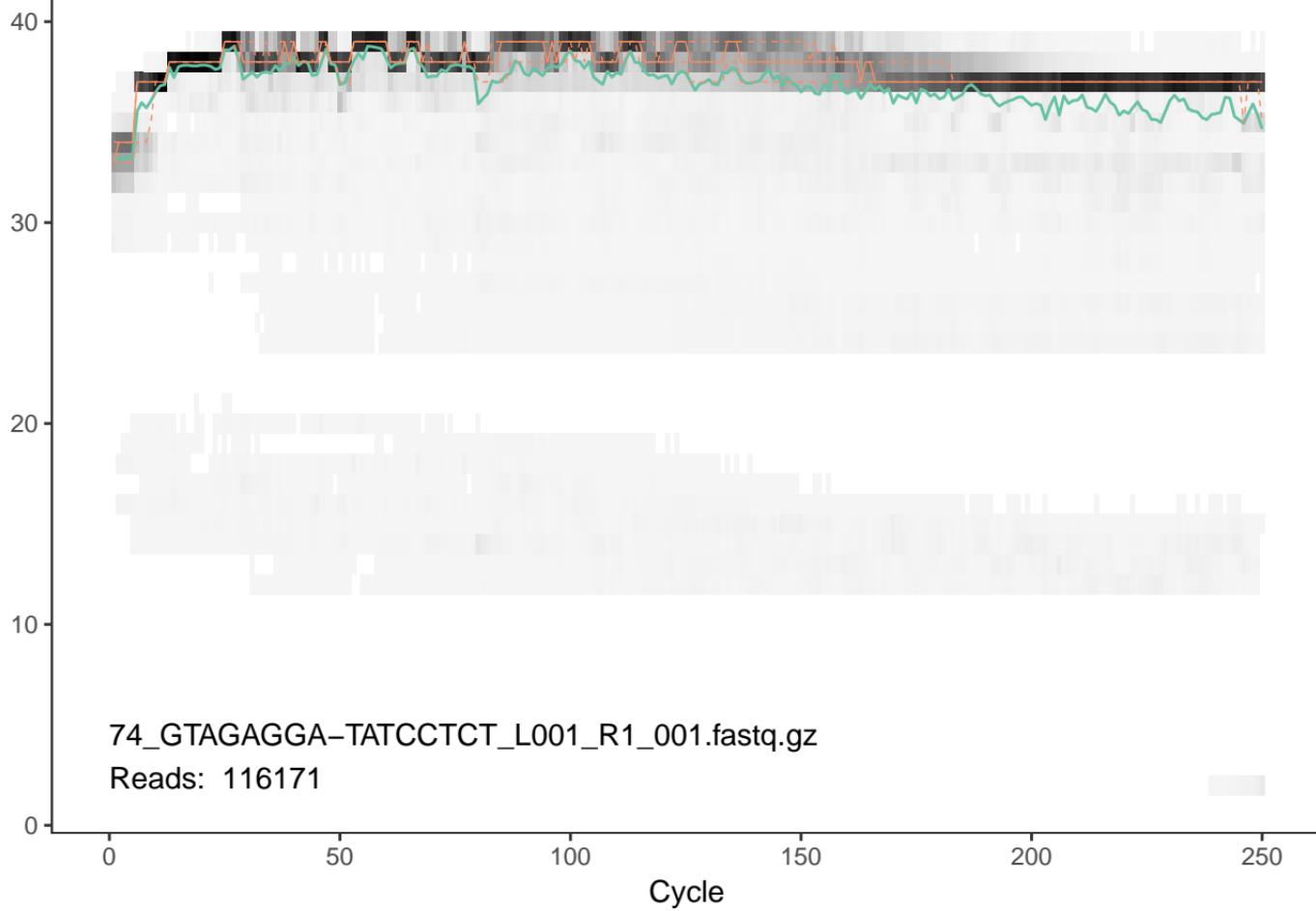
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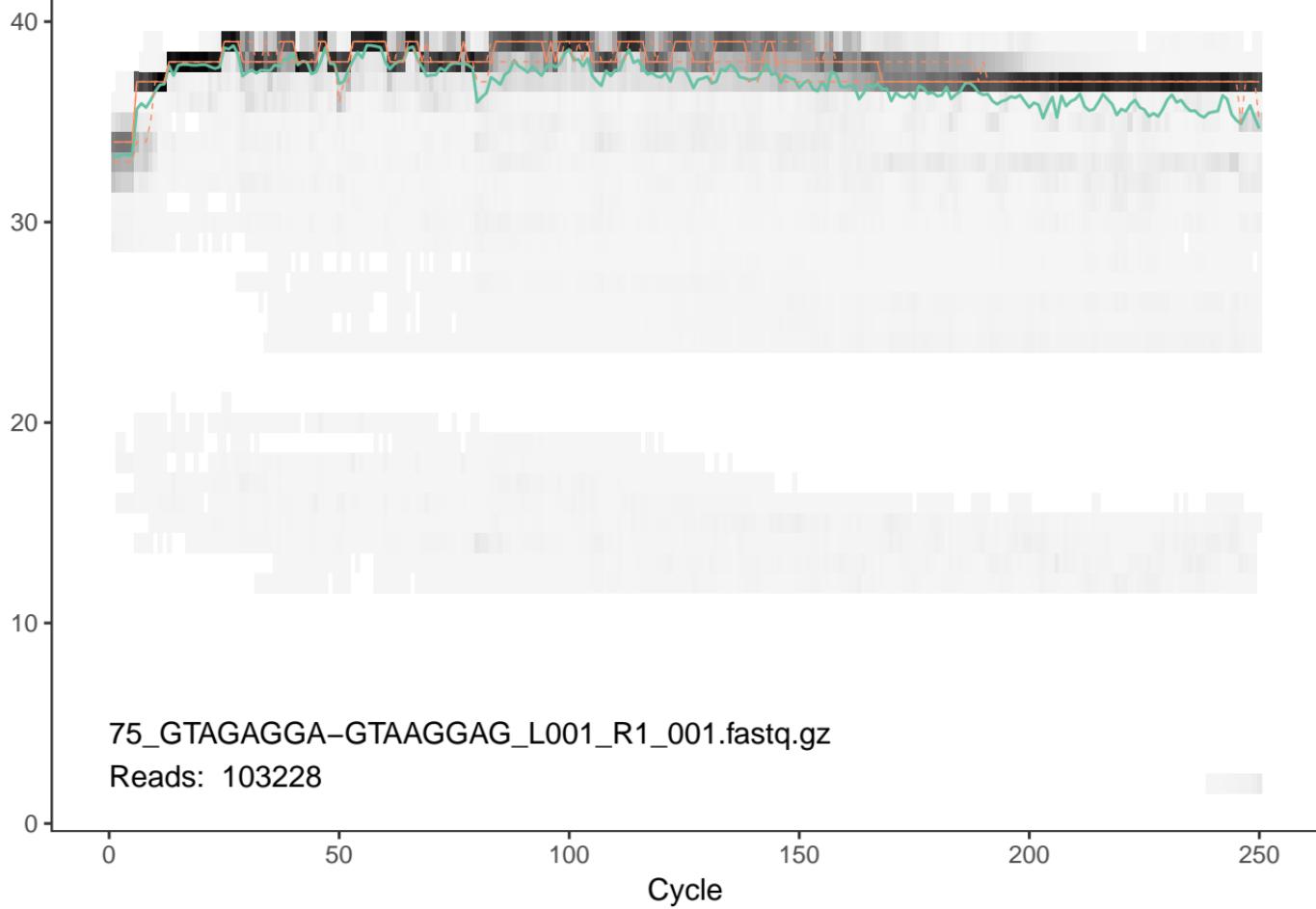
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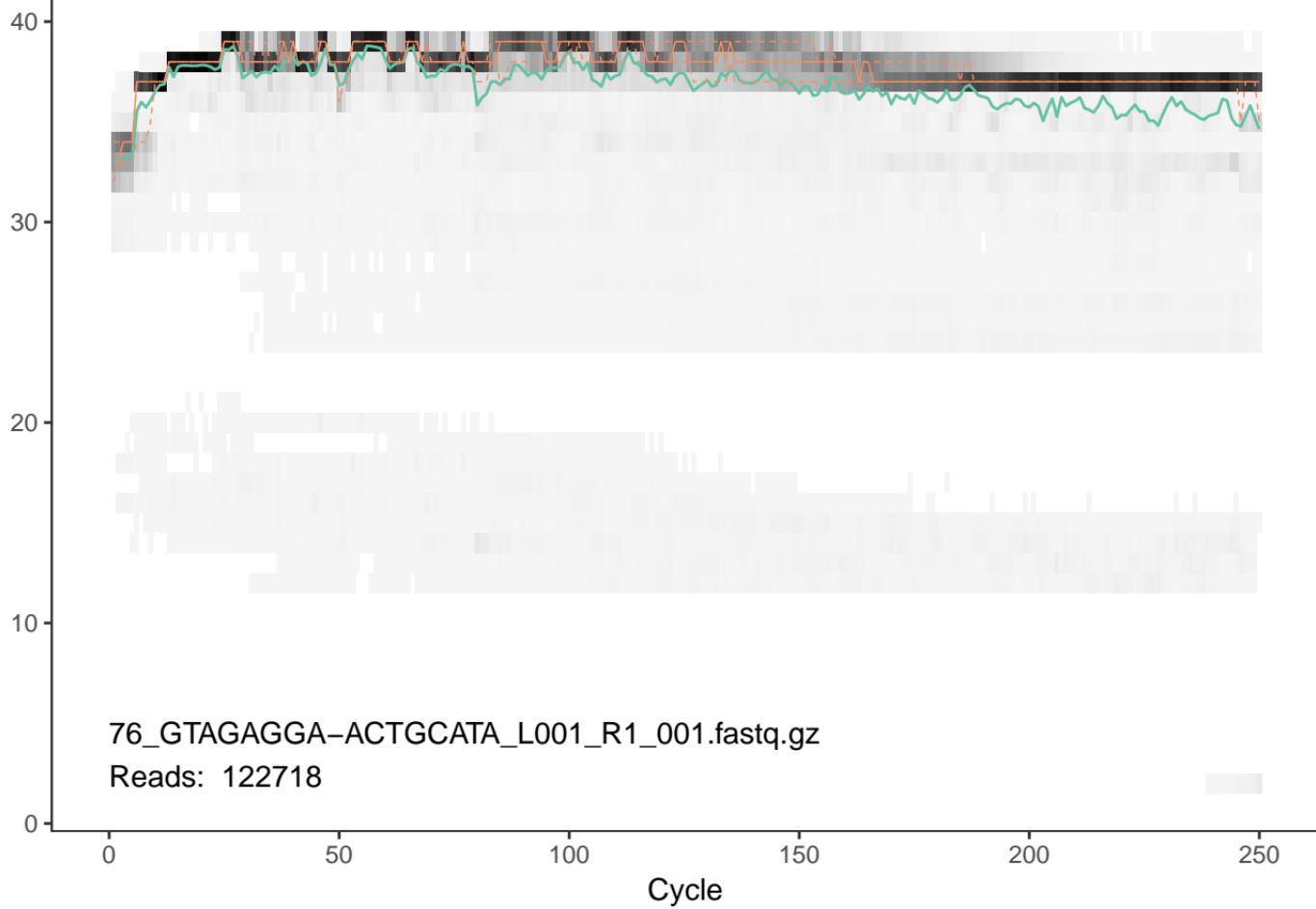
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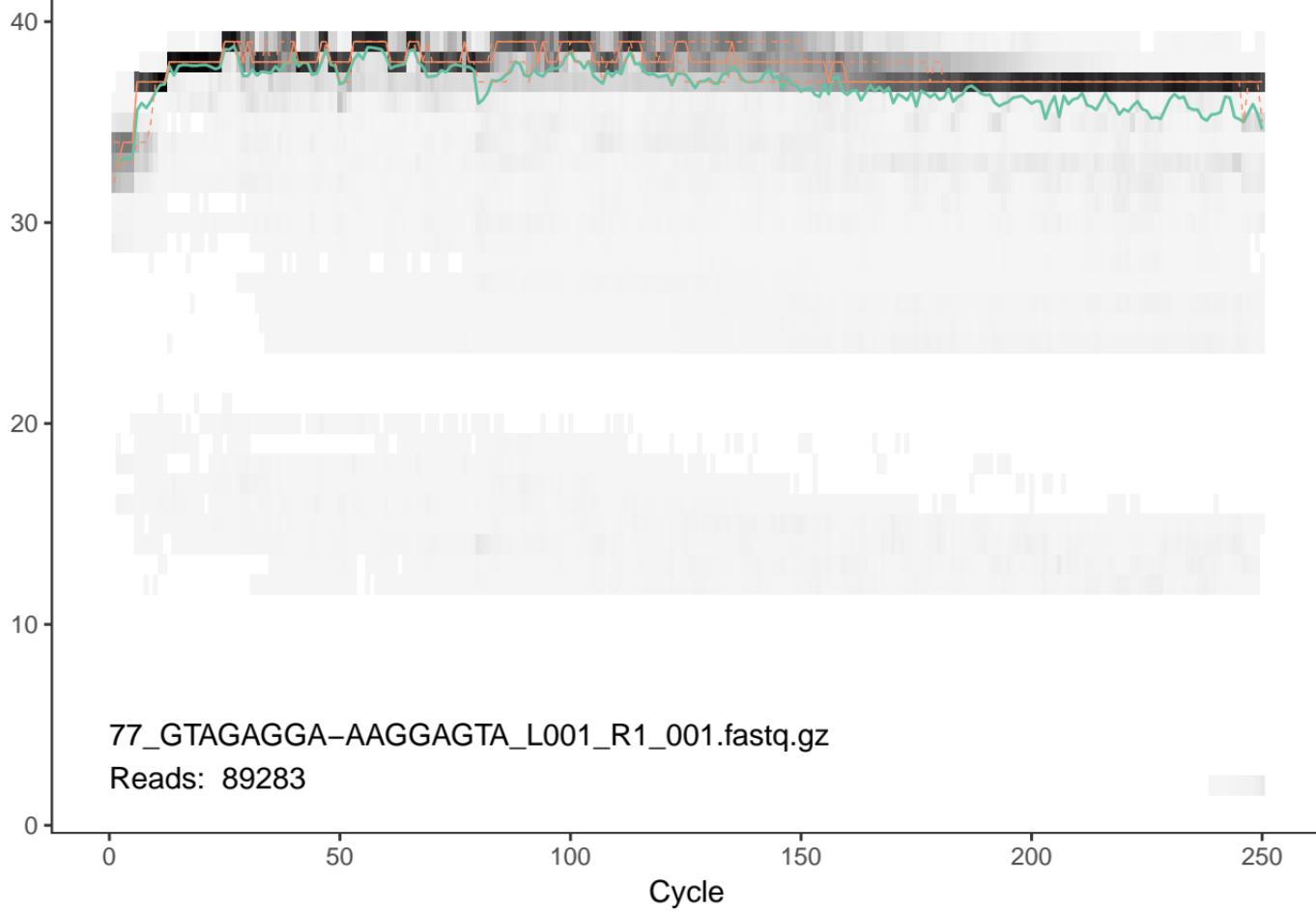
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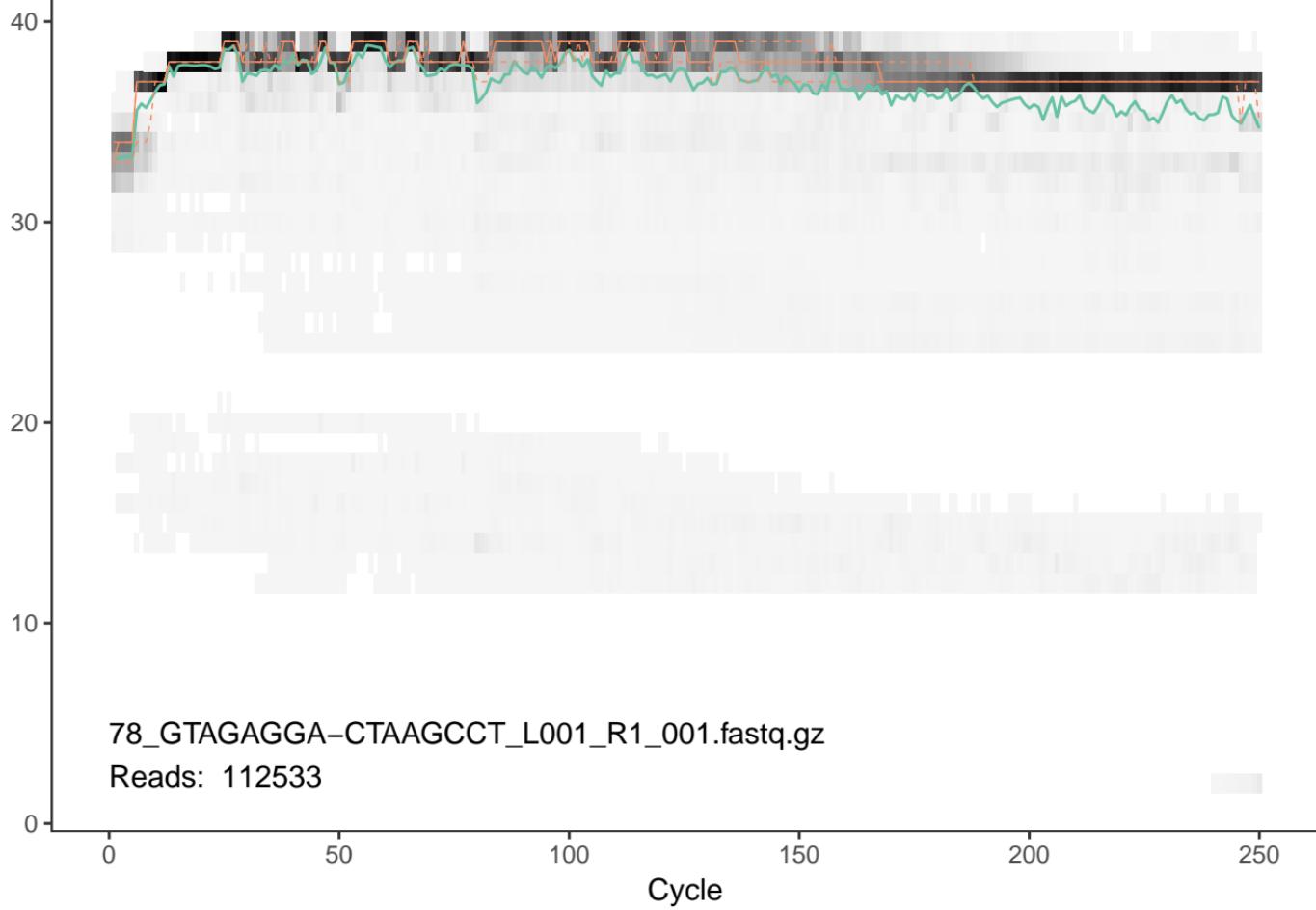
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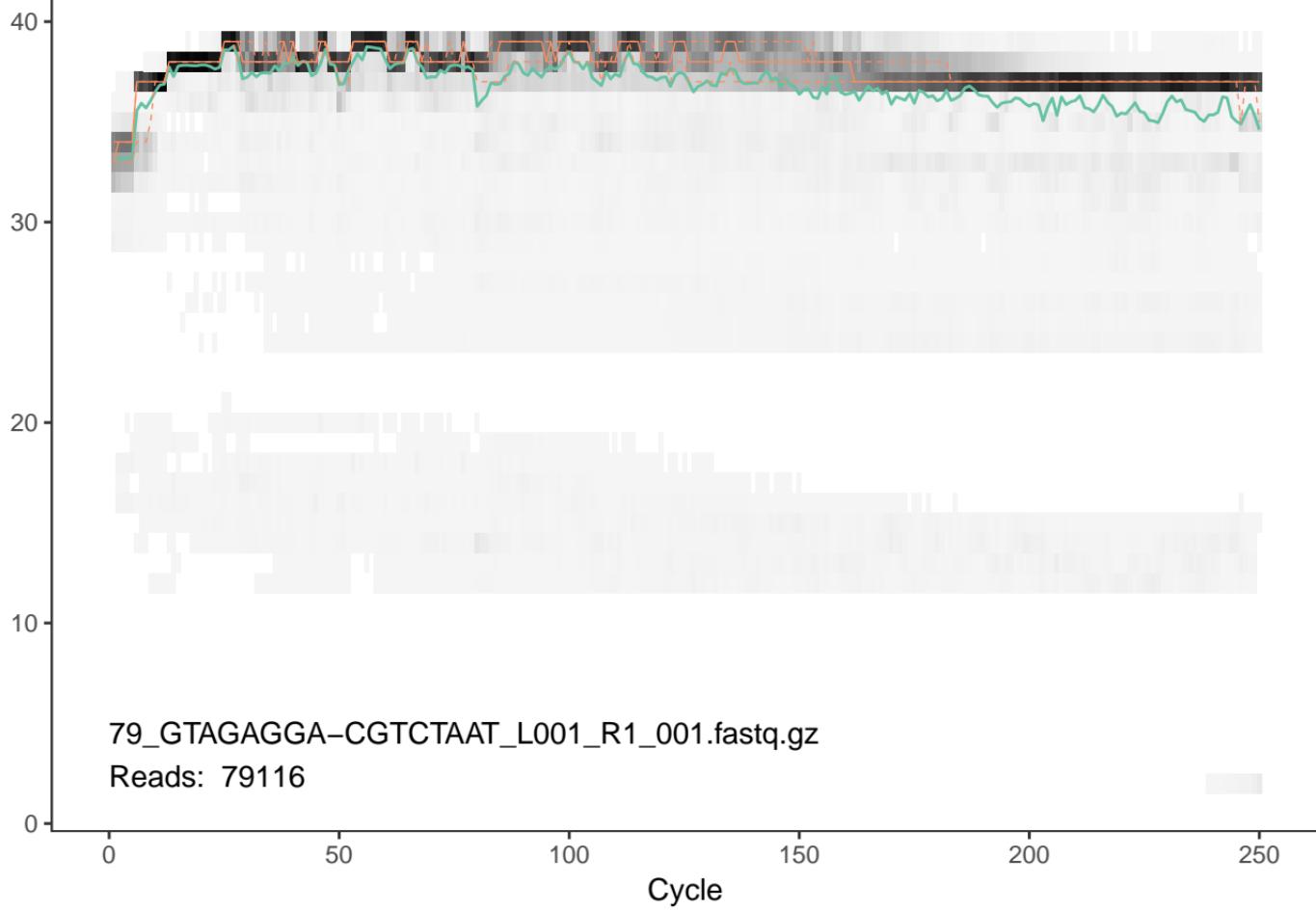
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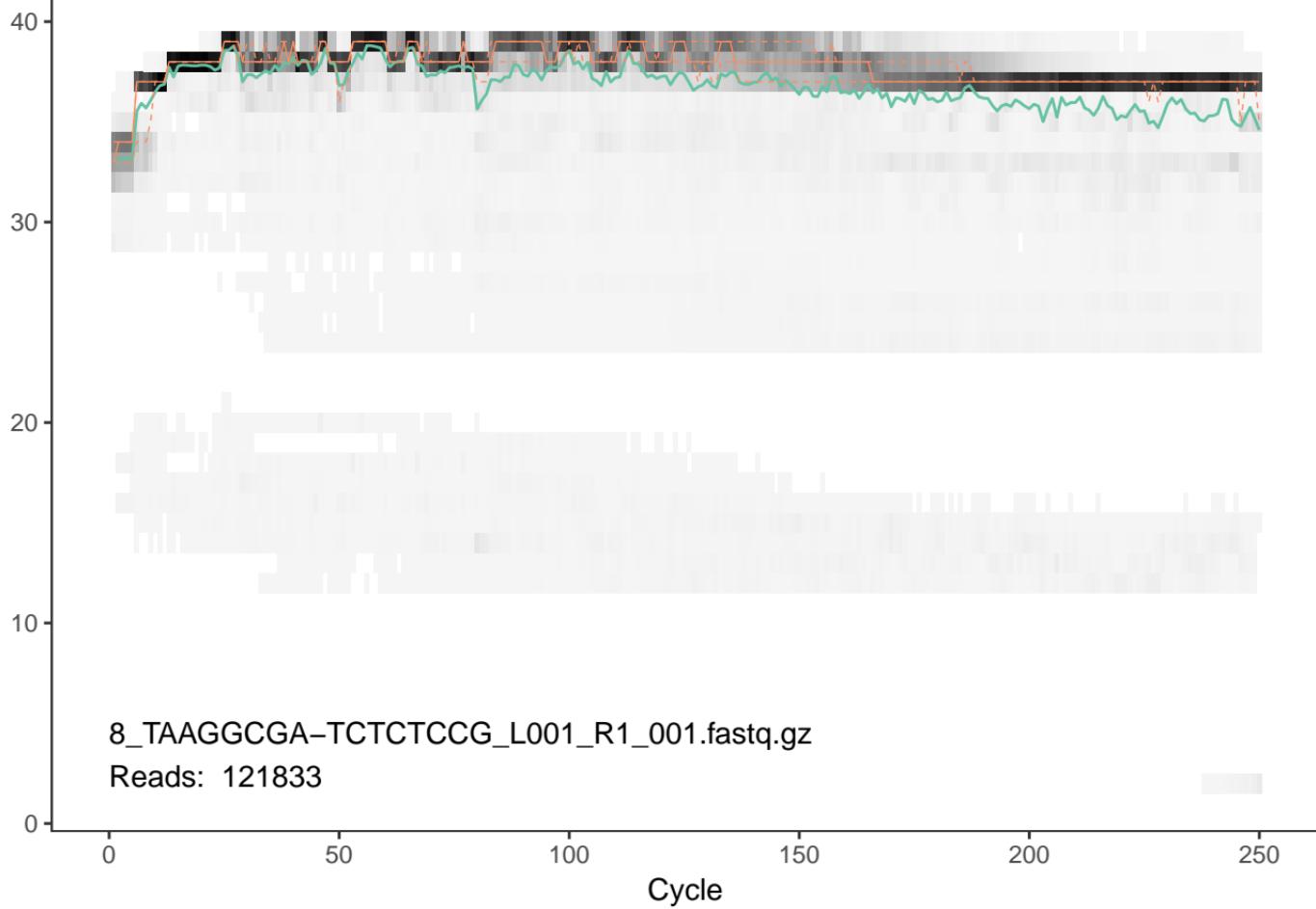
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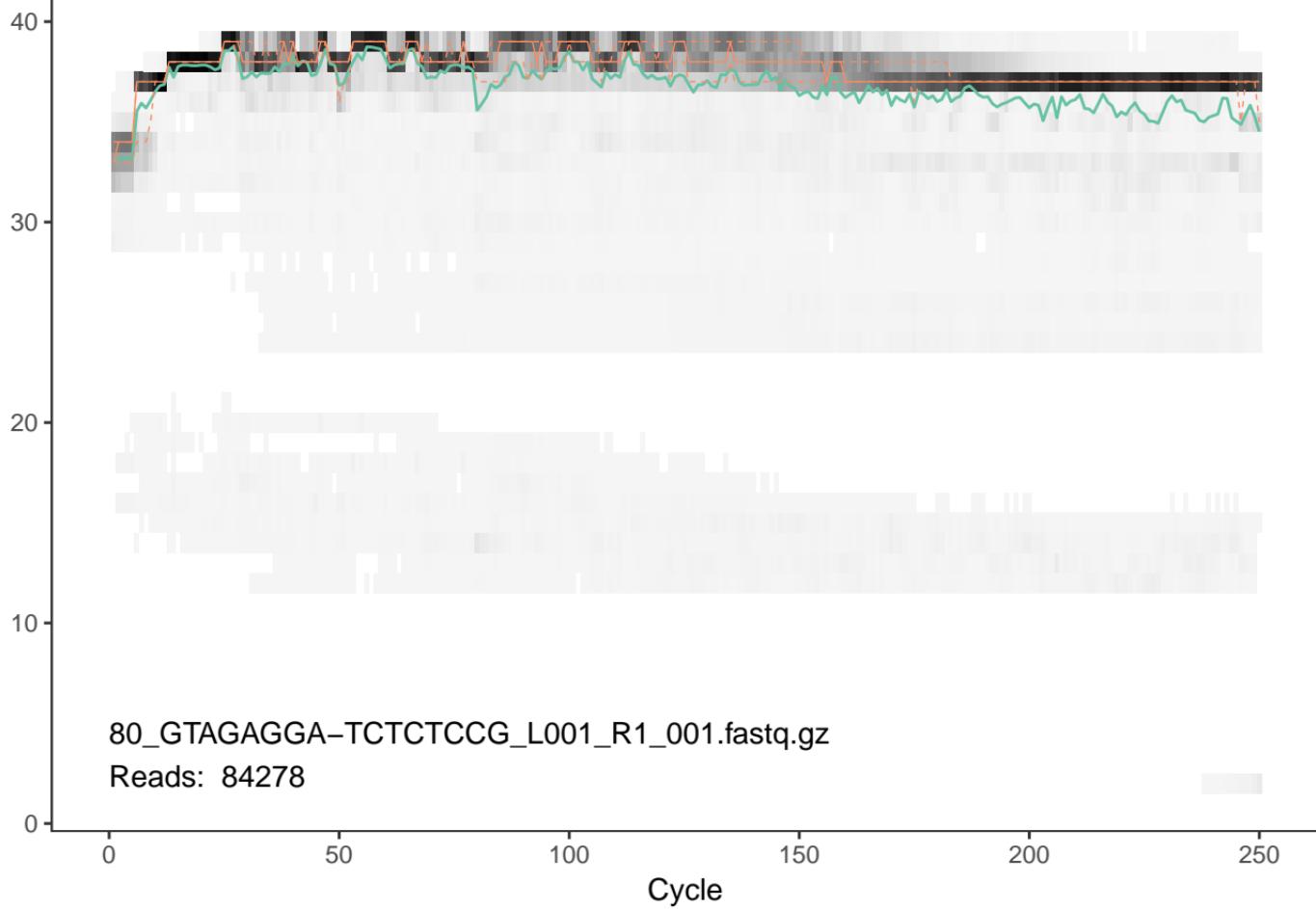
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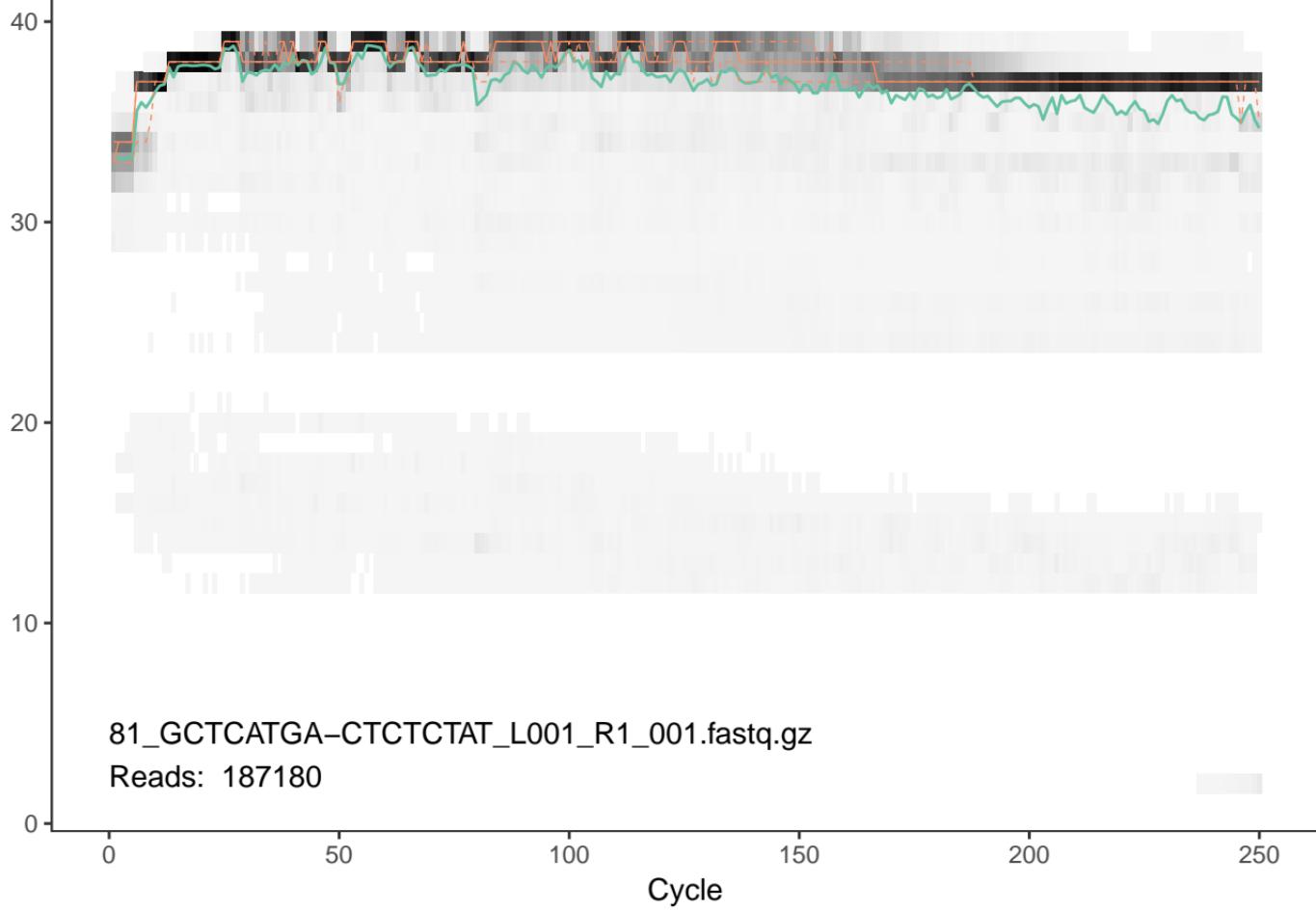
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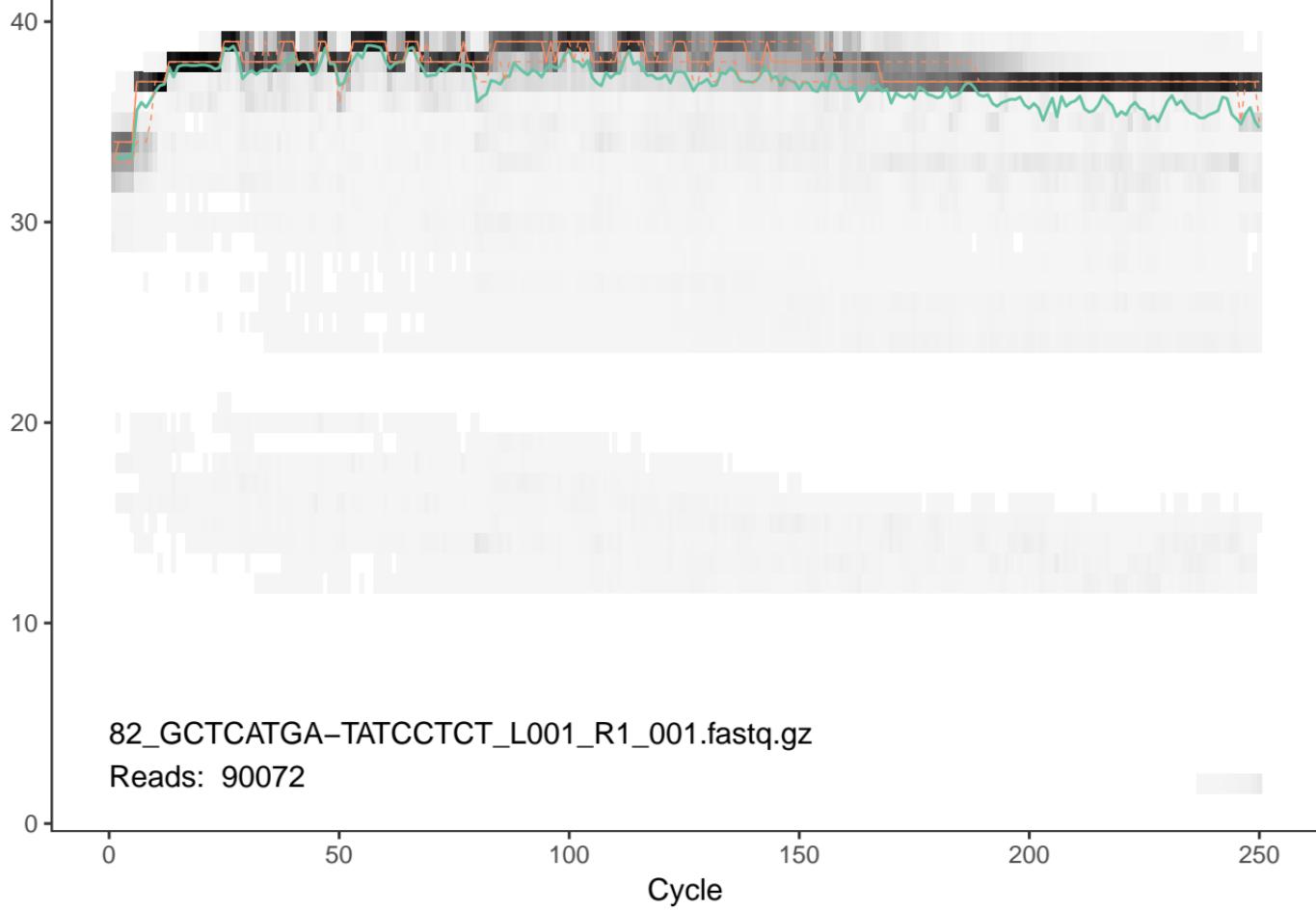
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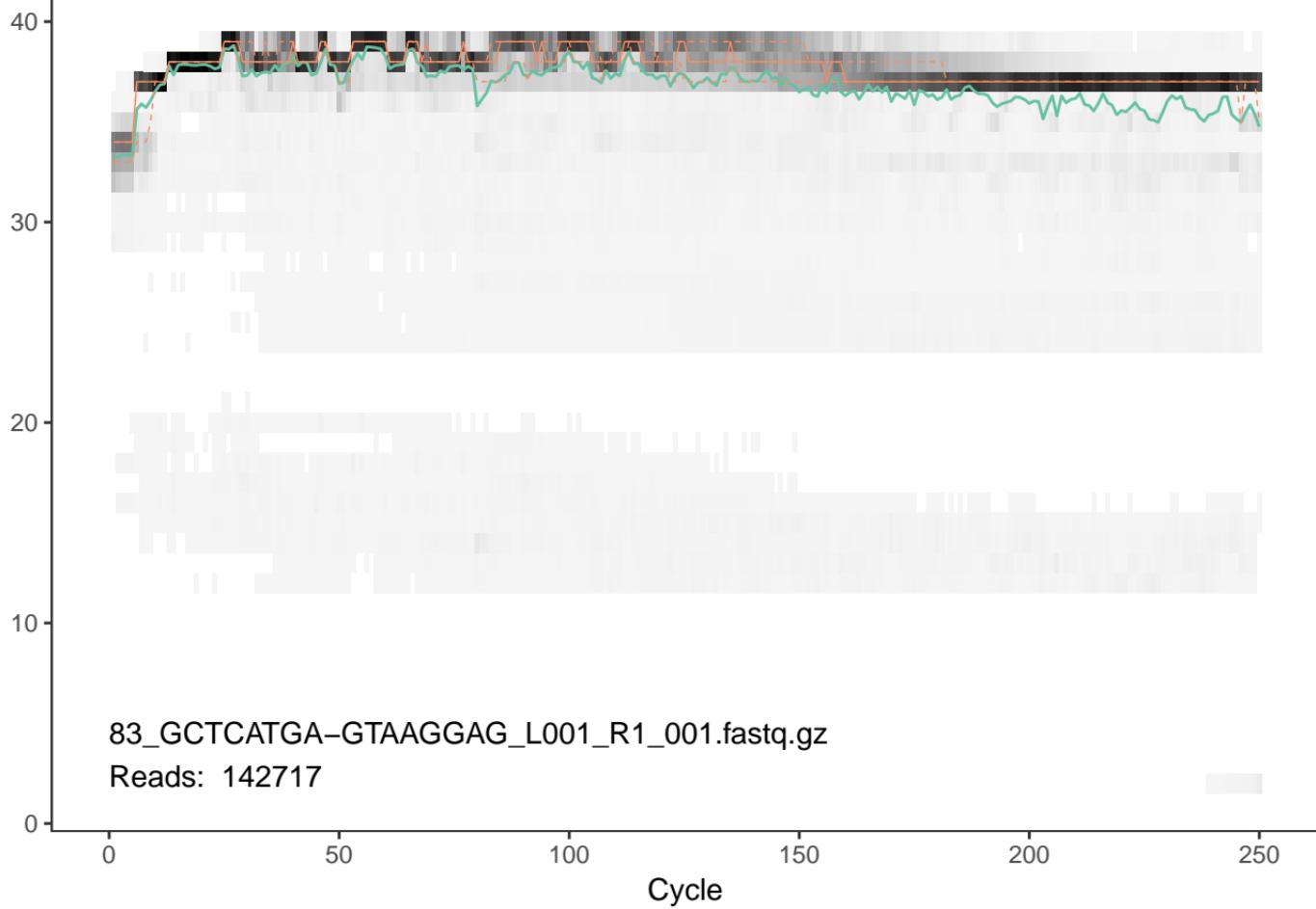
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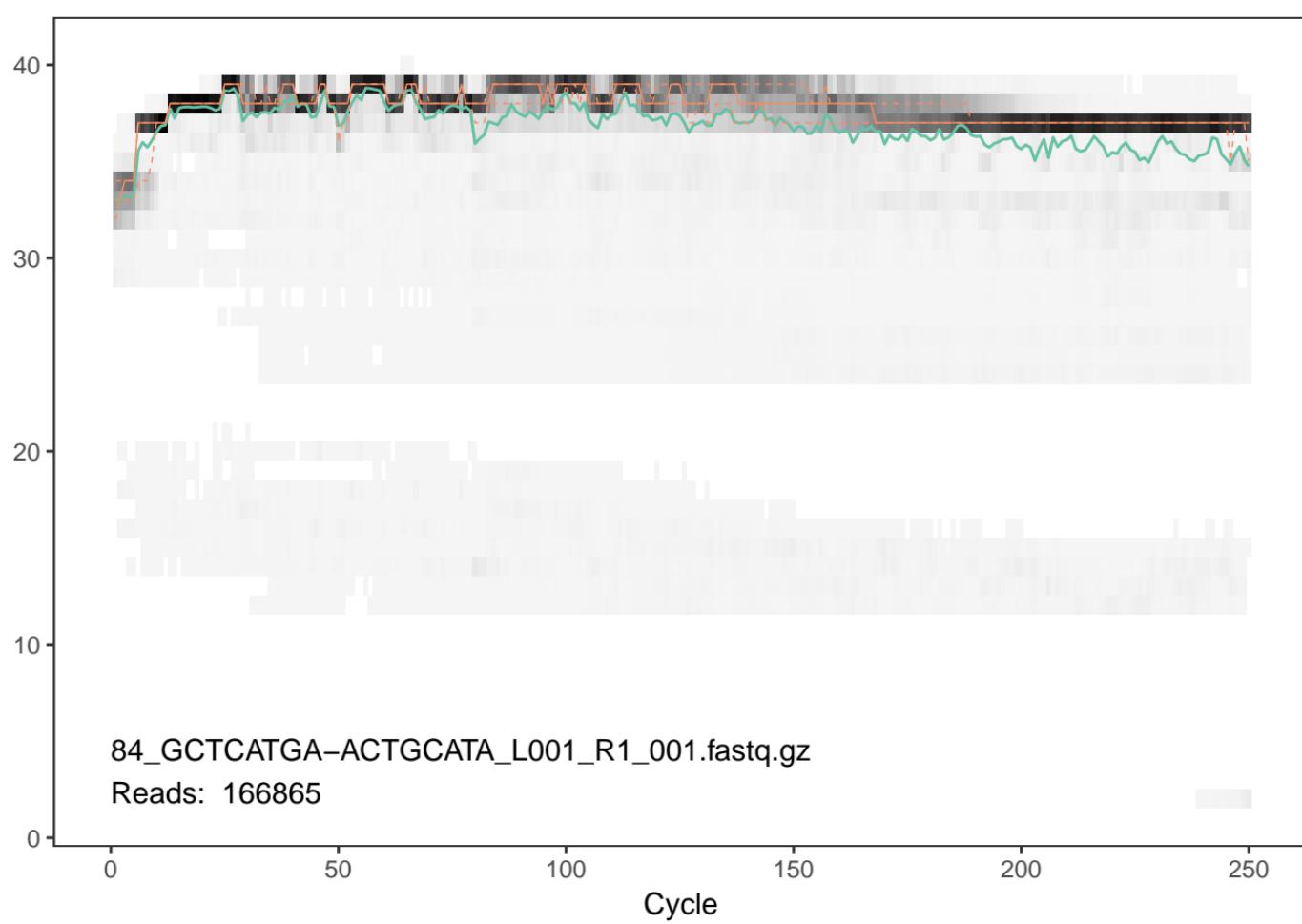
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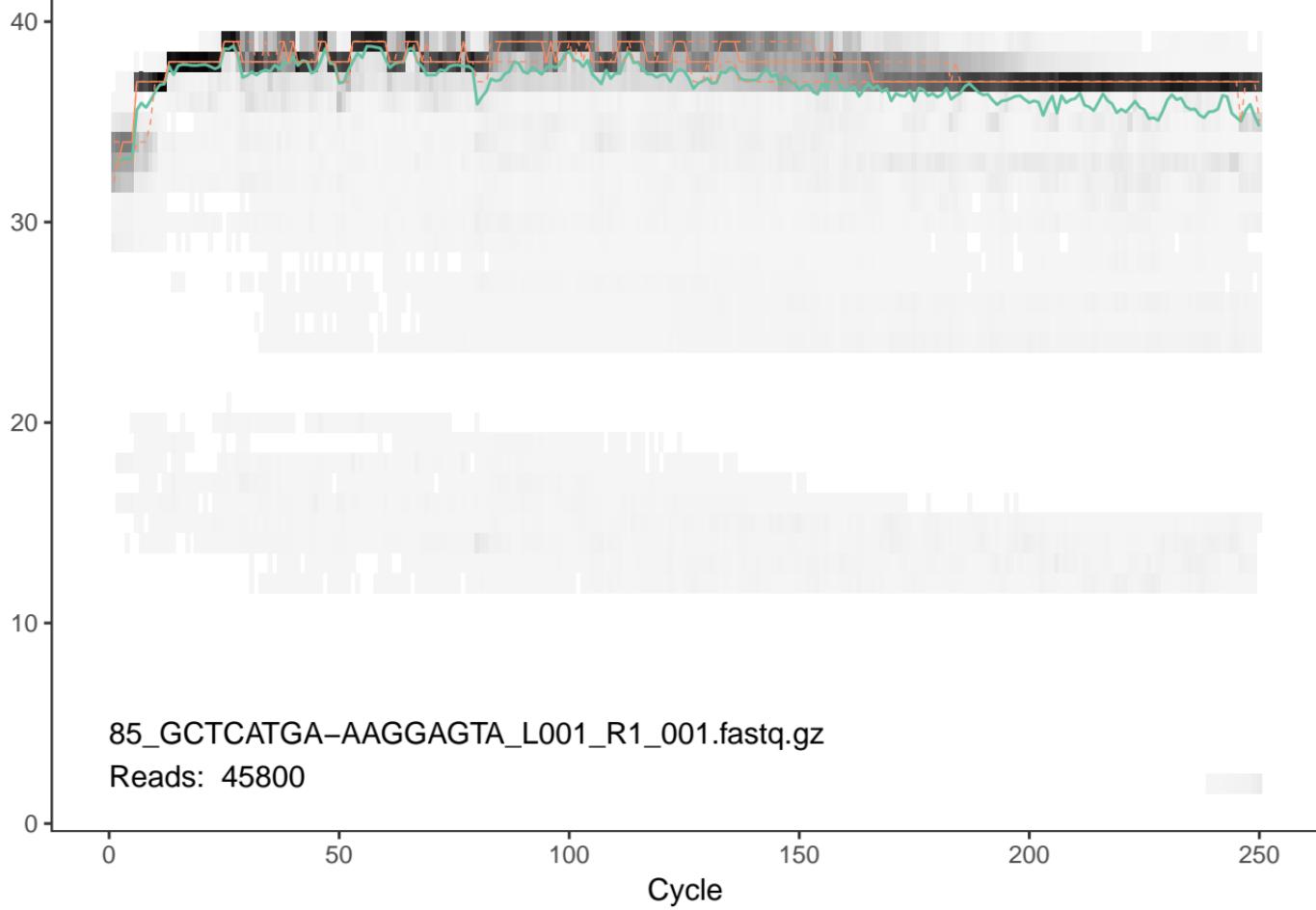
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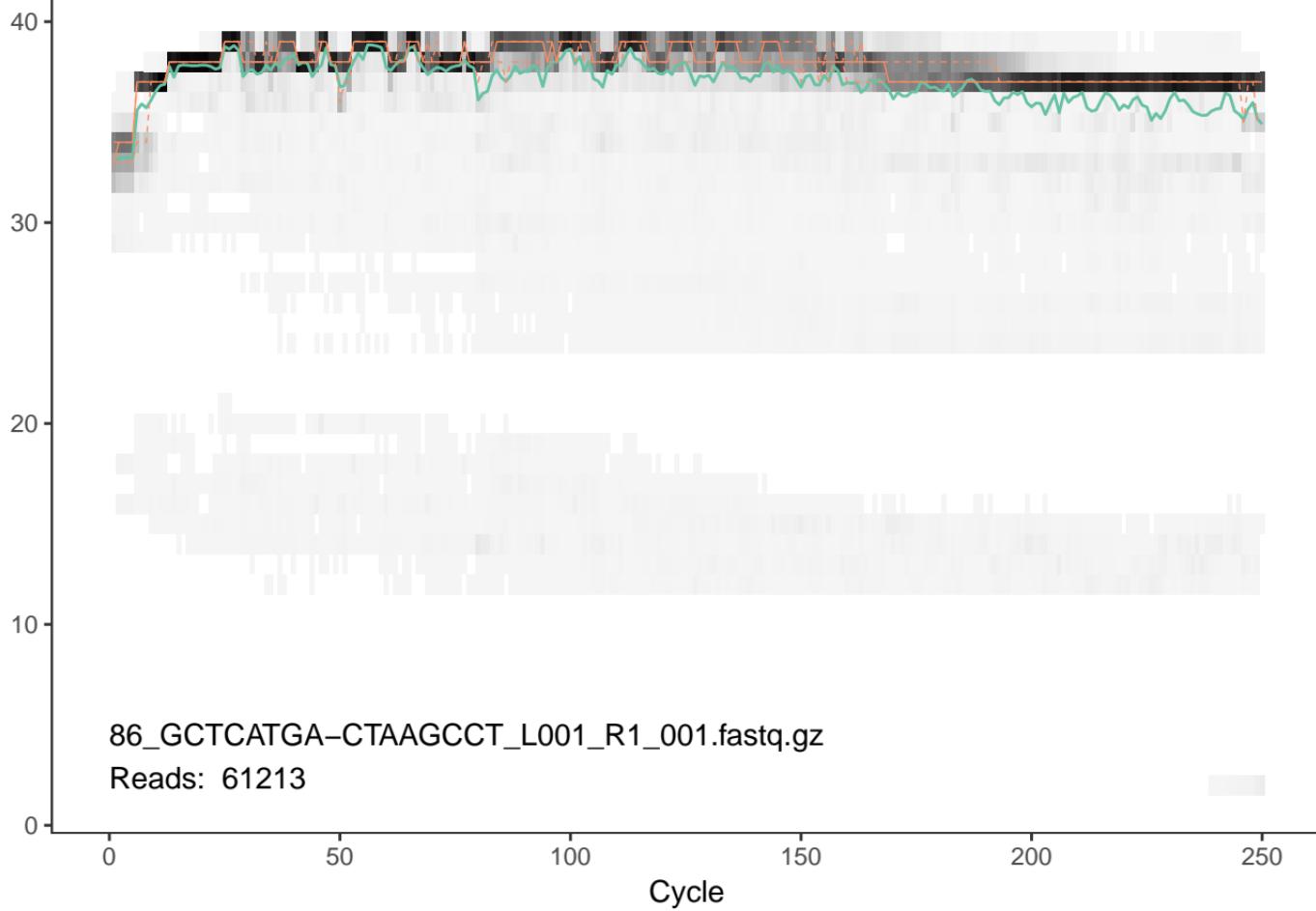
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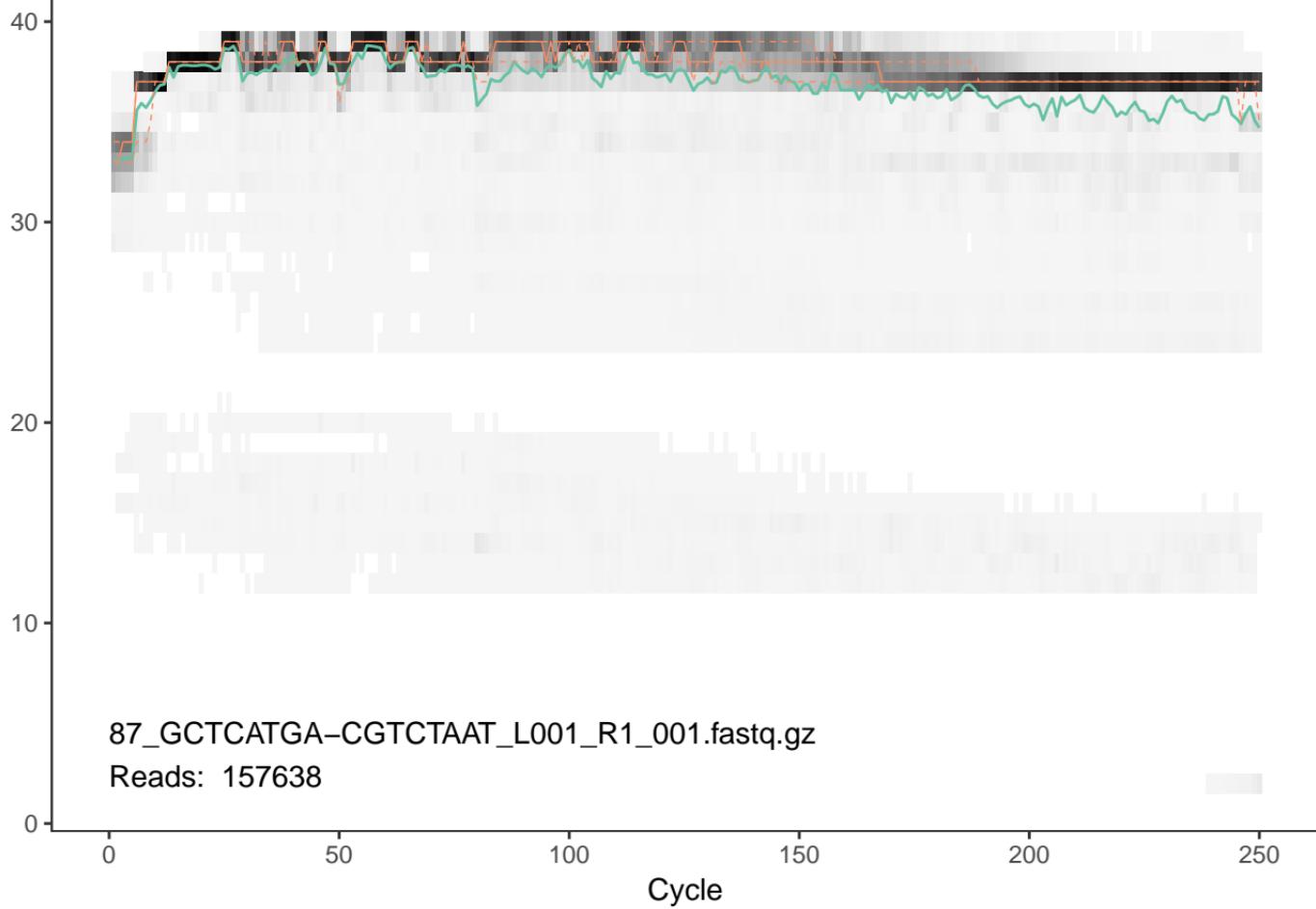
Fwd

Quality Score



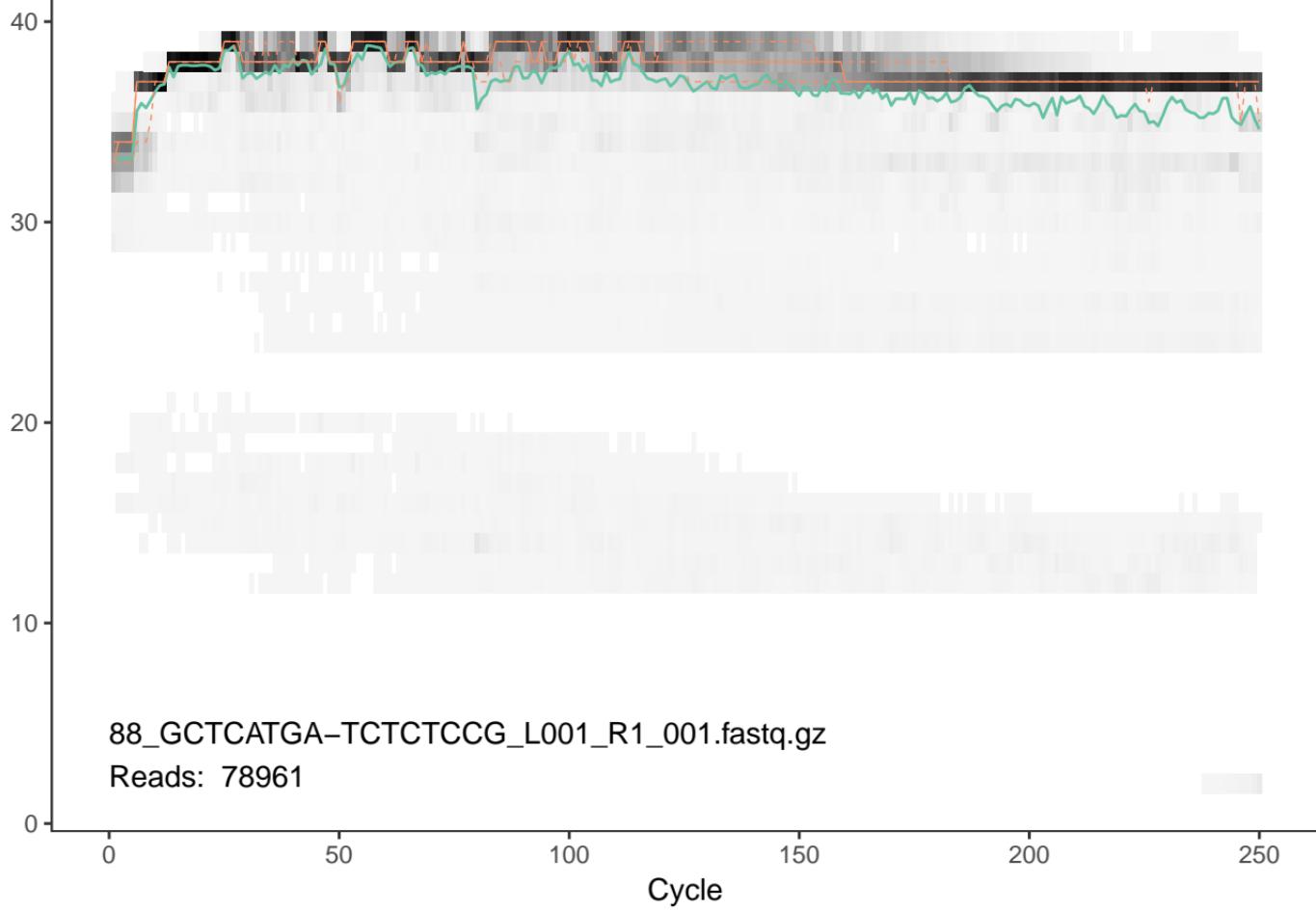
Fwd

Quality Score



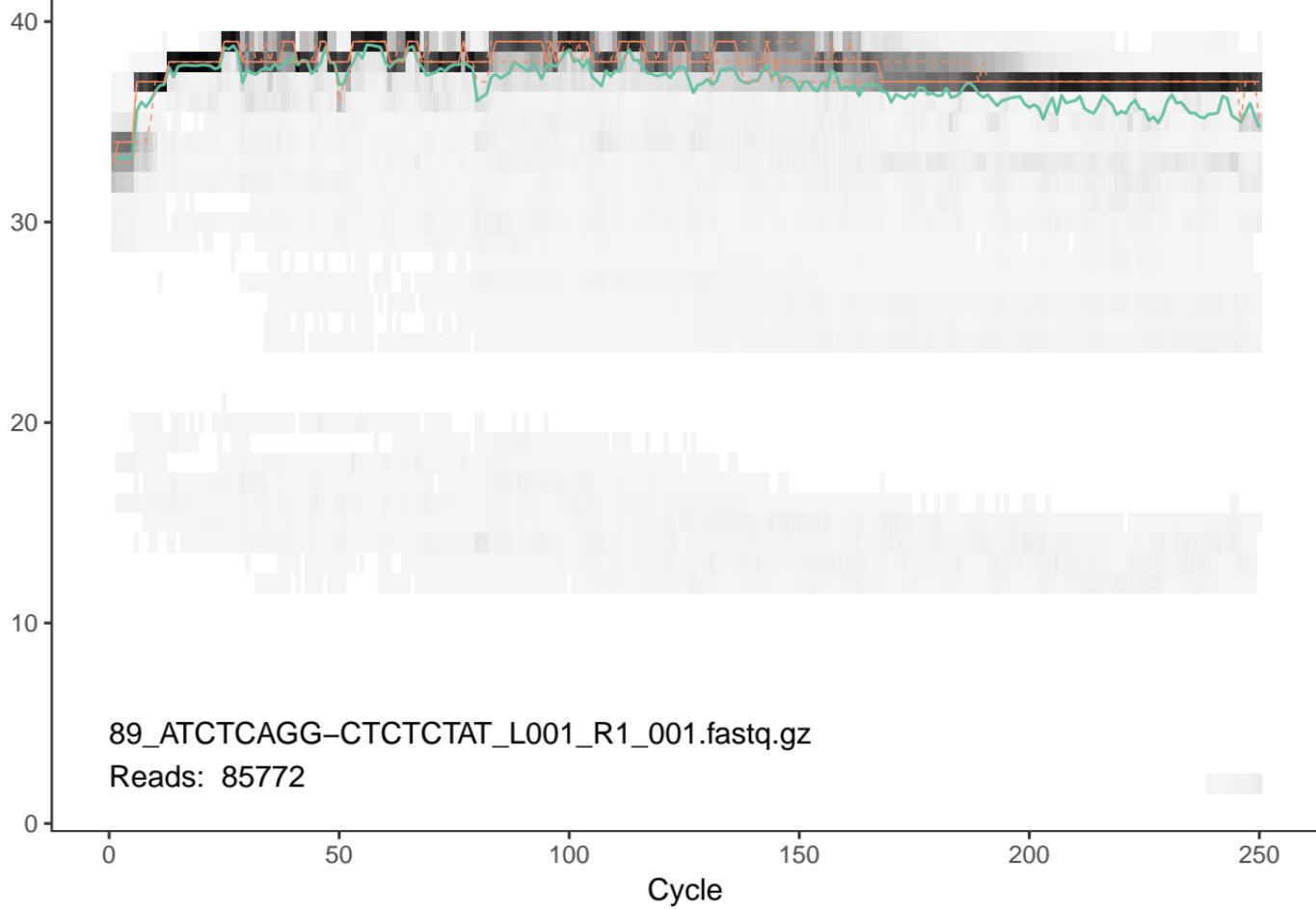
Fwd

Quality Score



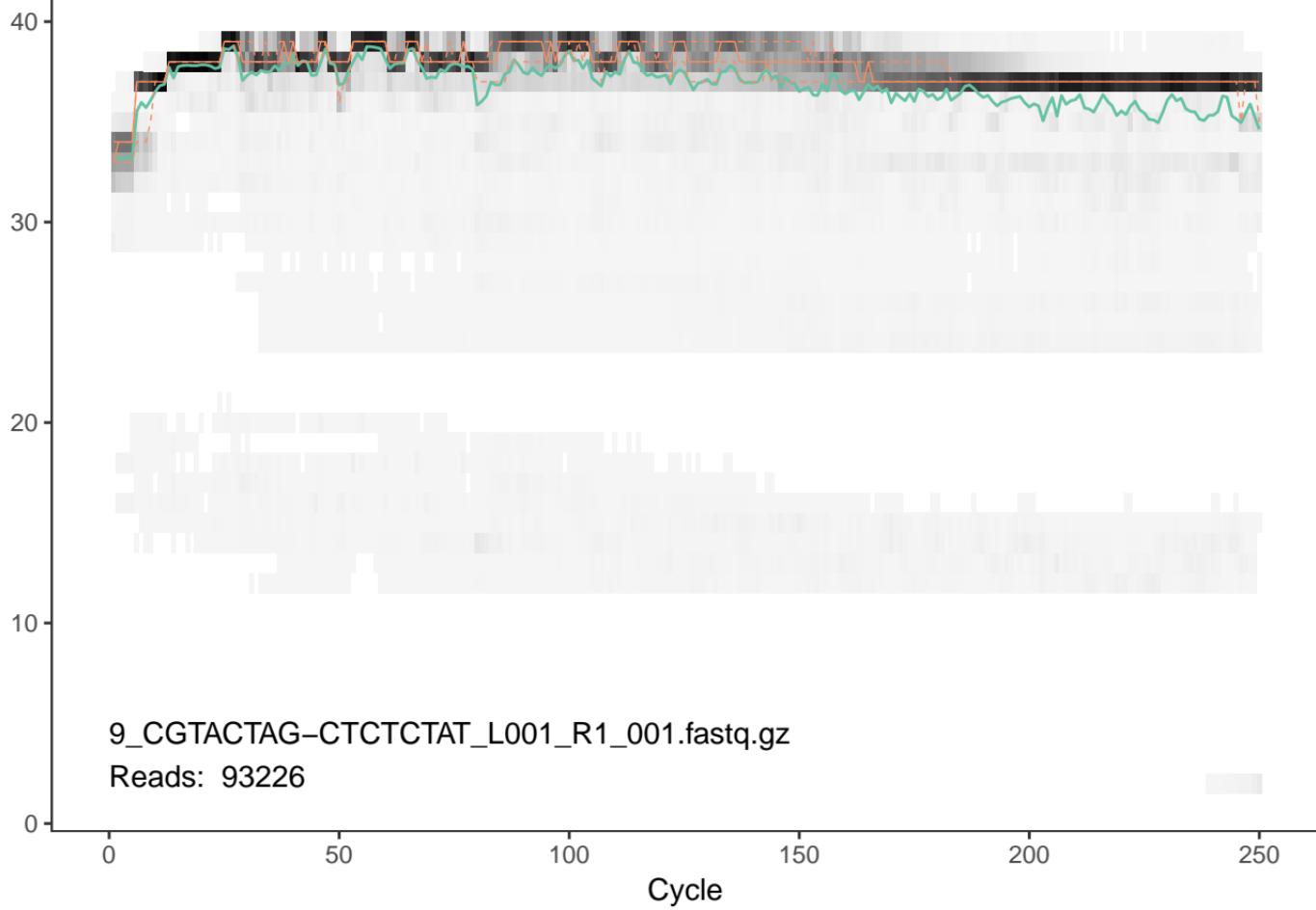
Fwd

Quality Score



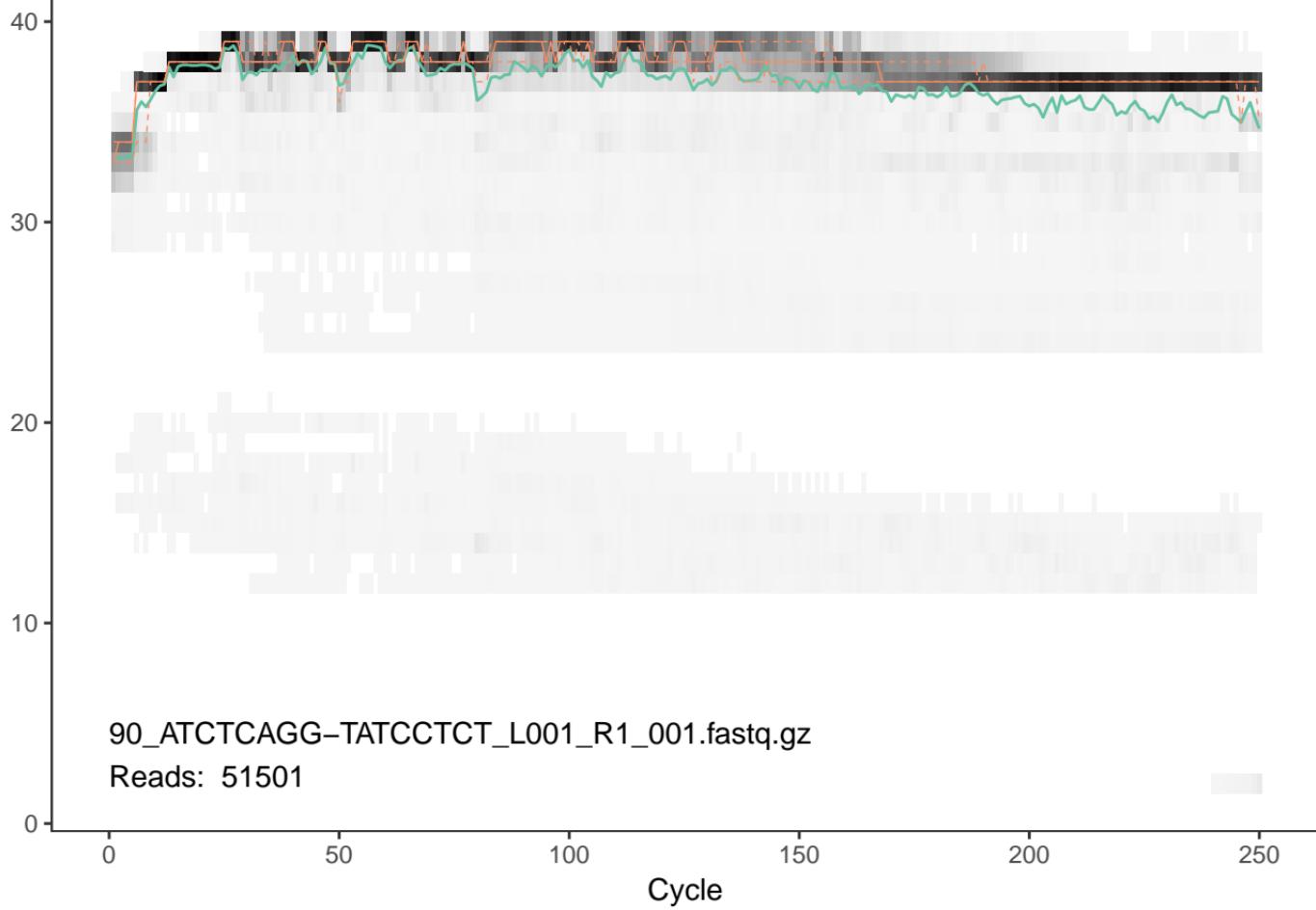
Fwd

Quality Score



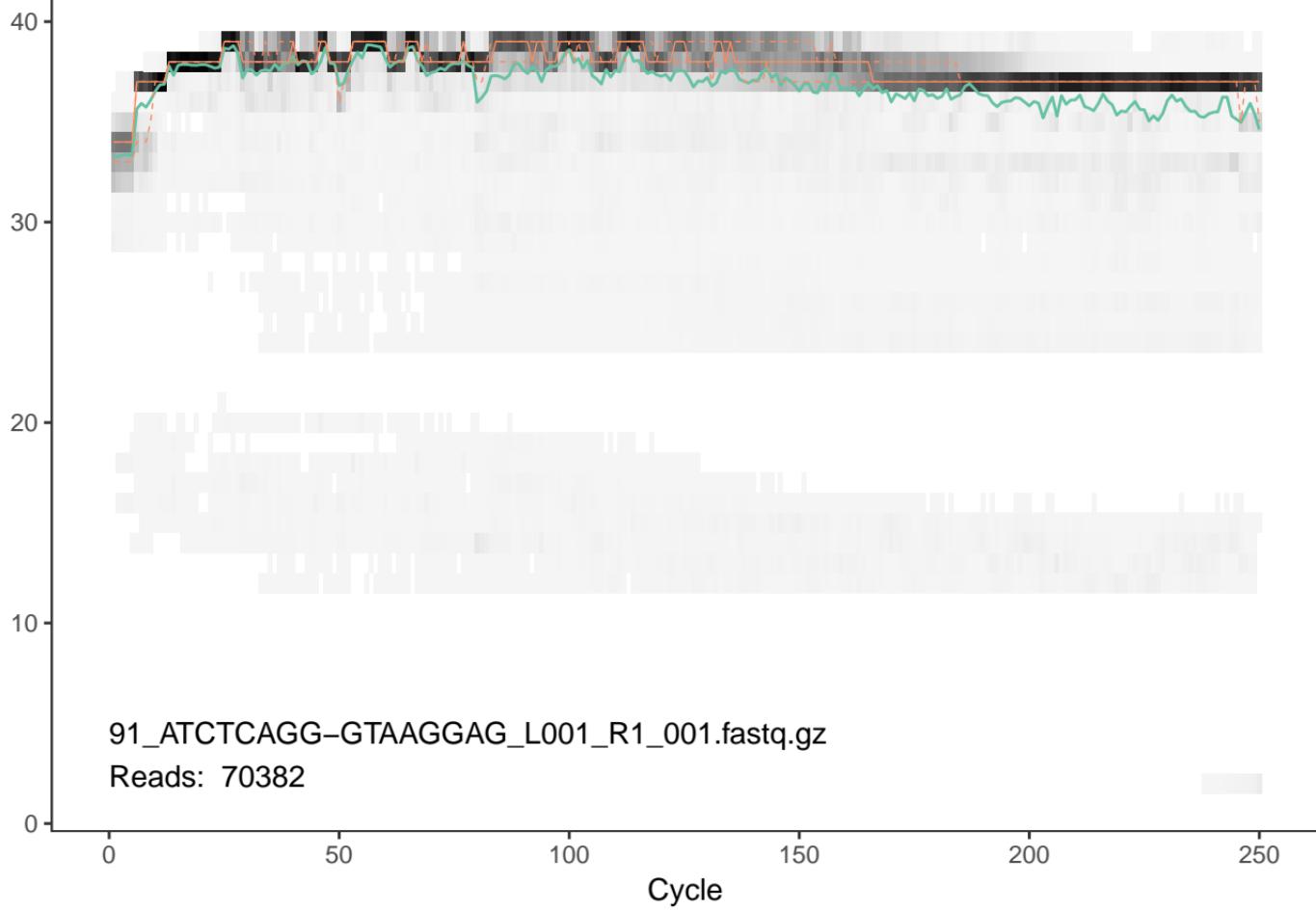
Fwd

Quality Score



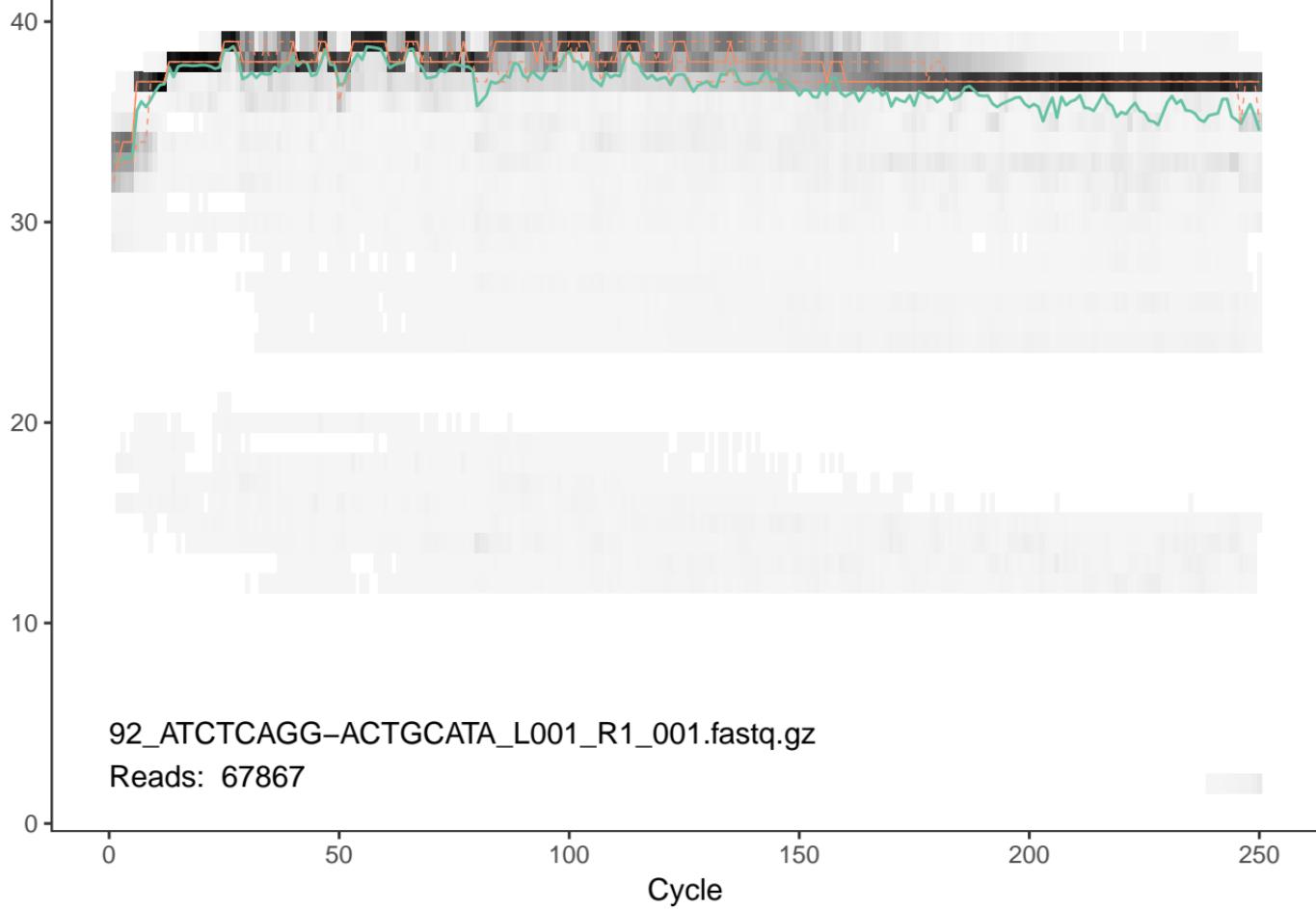
Fwd

Quality Score



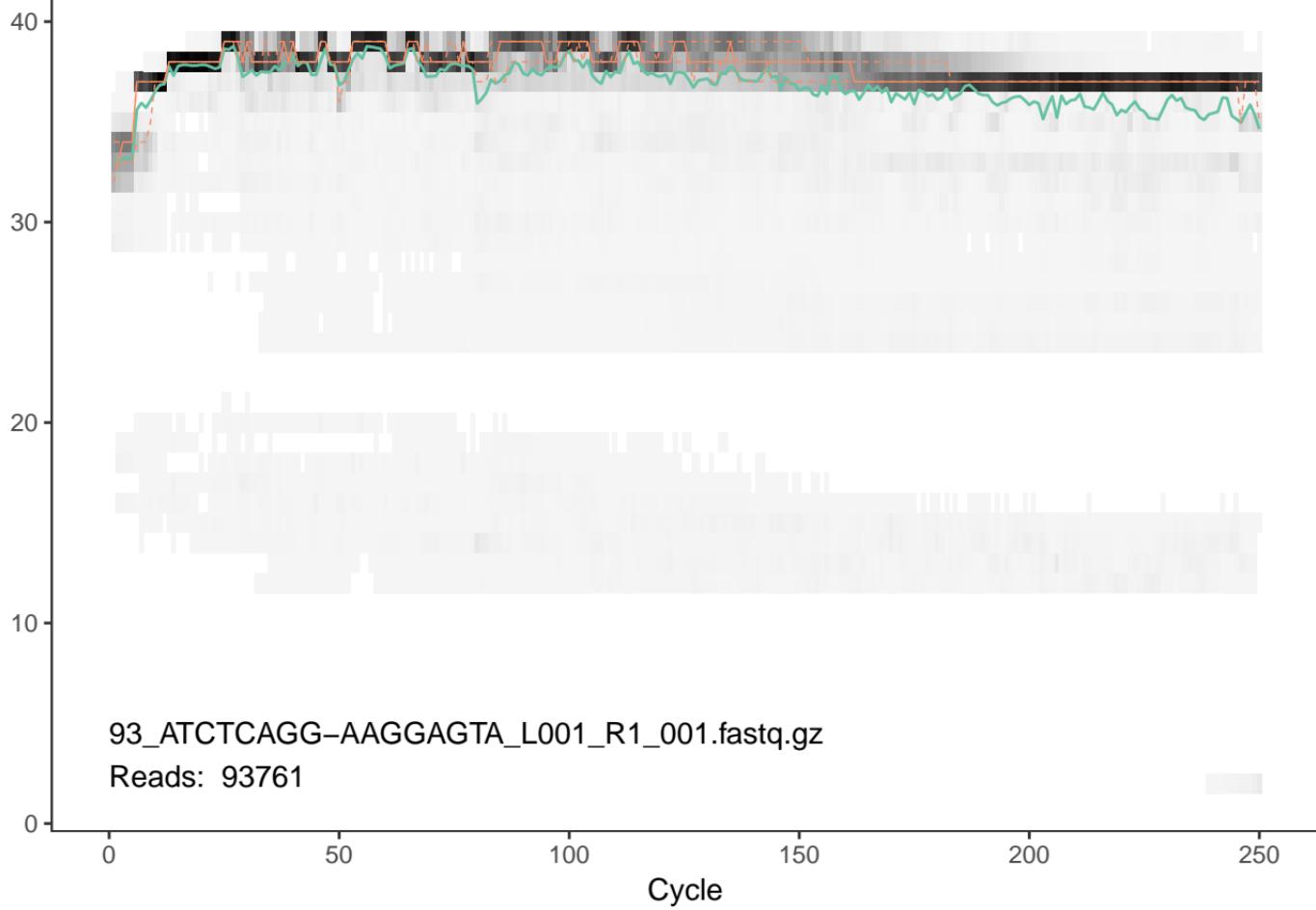
Fwd

Quality Score



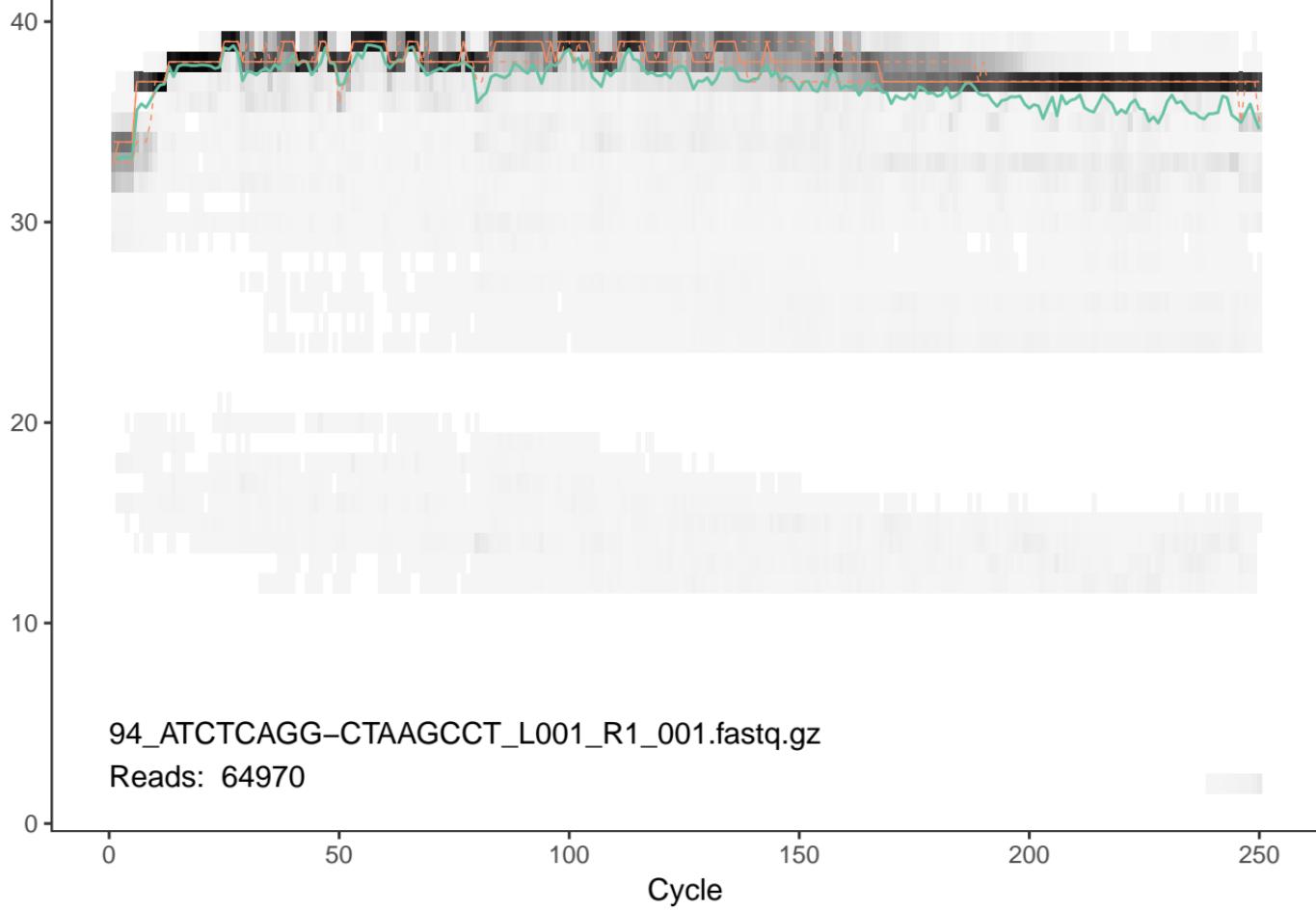
Fwd

Quality Score



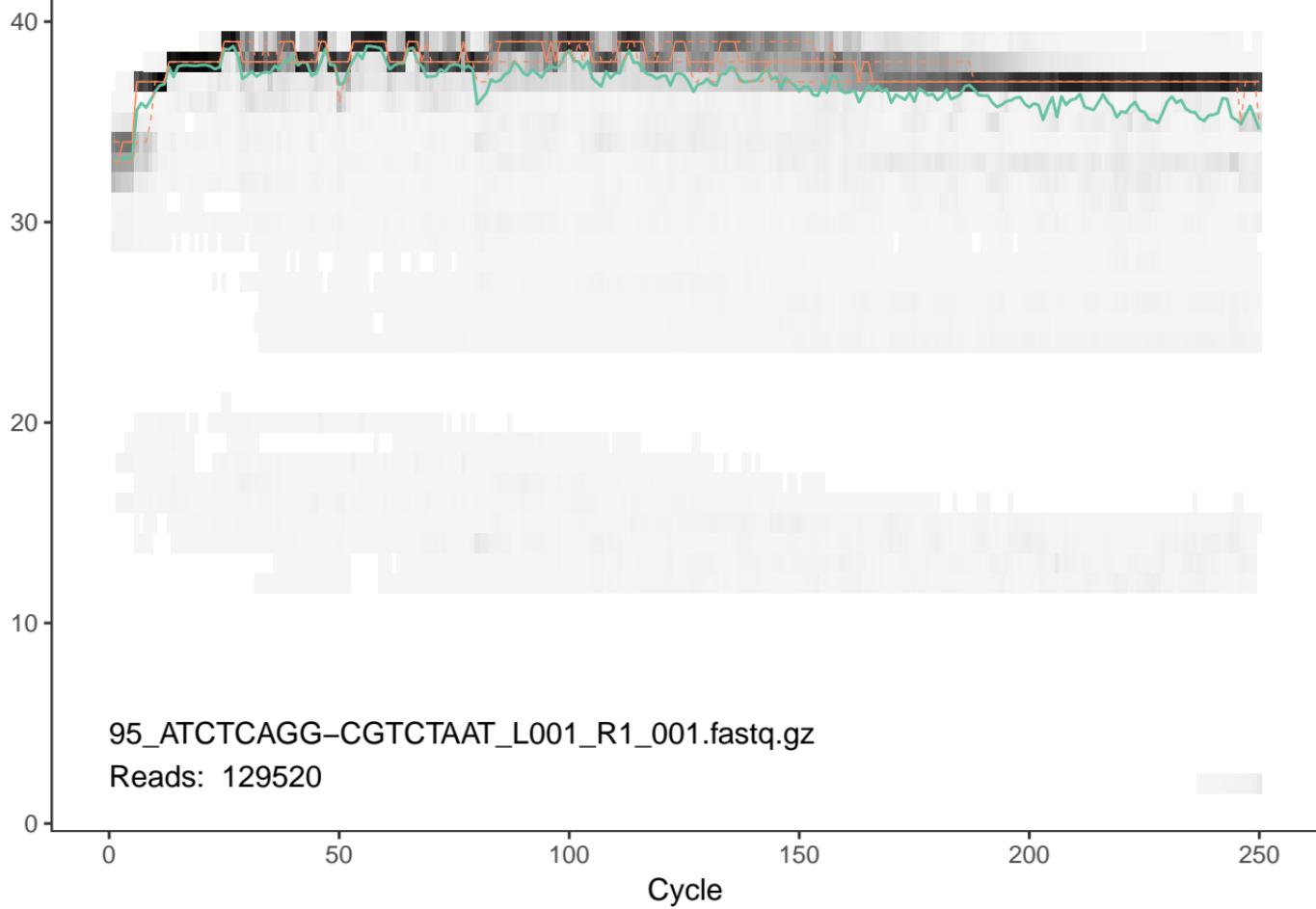
Fwd

Quality Score



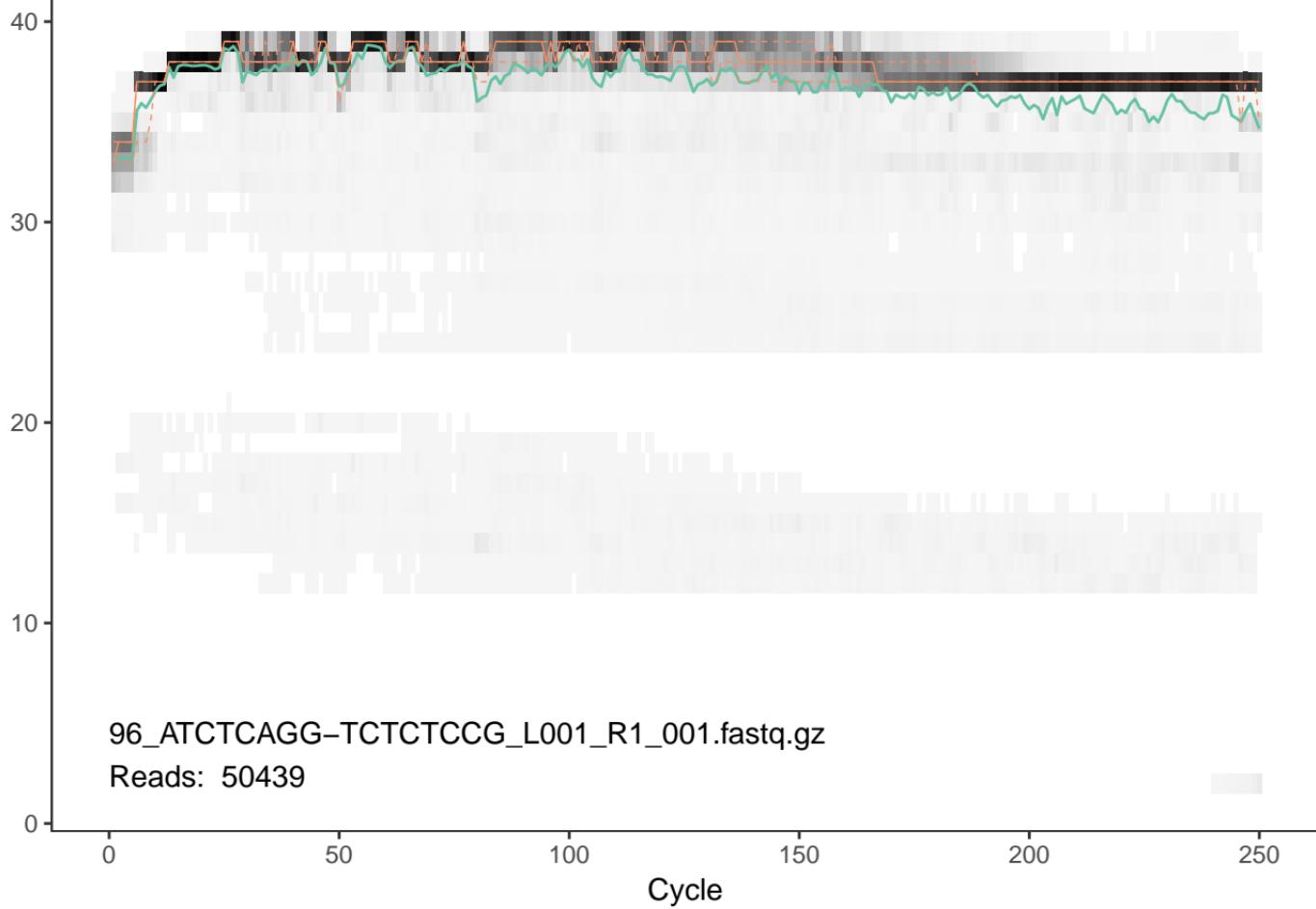
Fwd

Quality Score



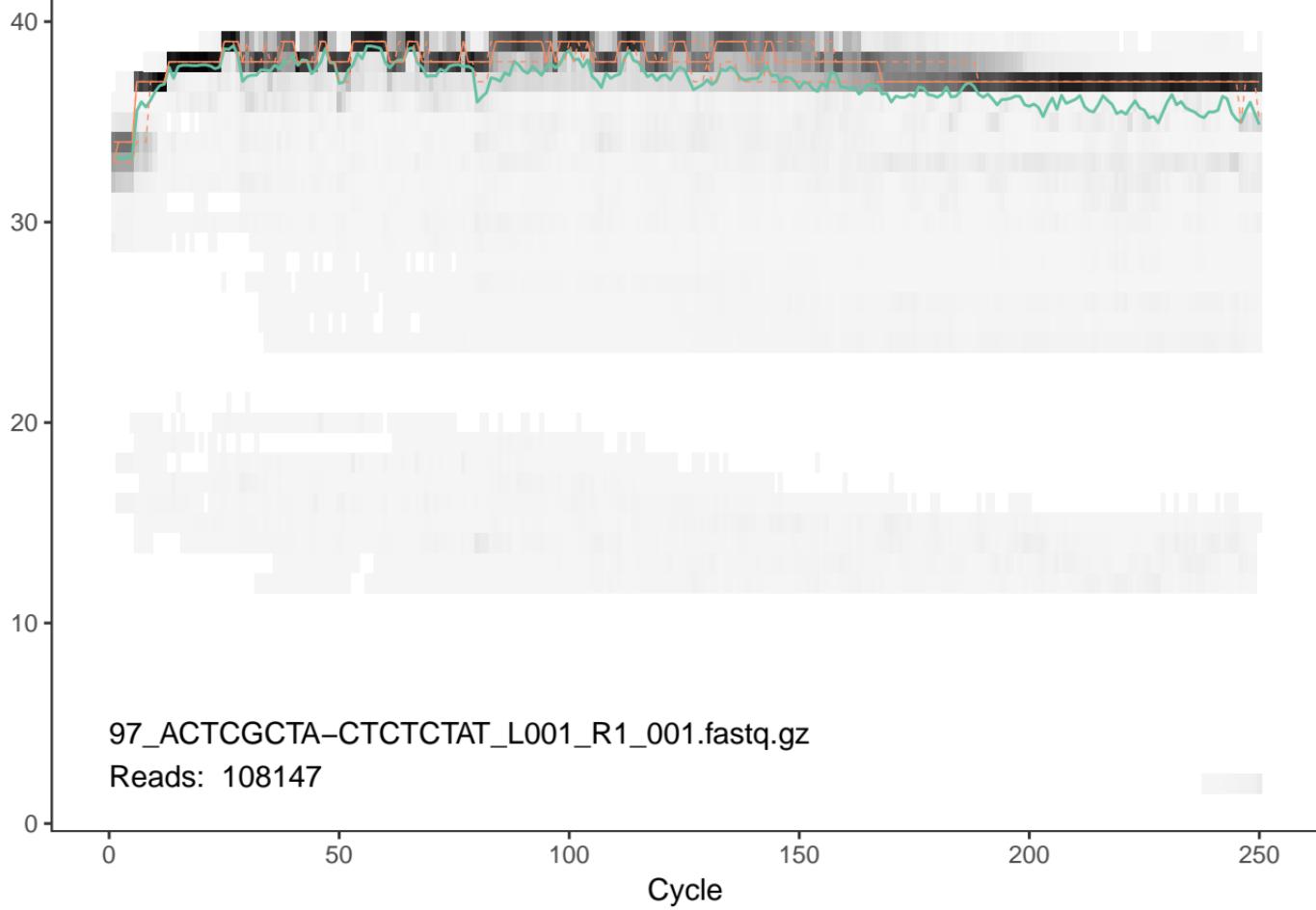
Fwd

Quality Score



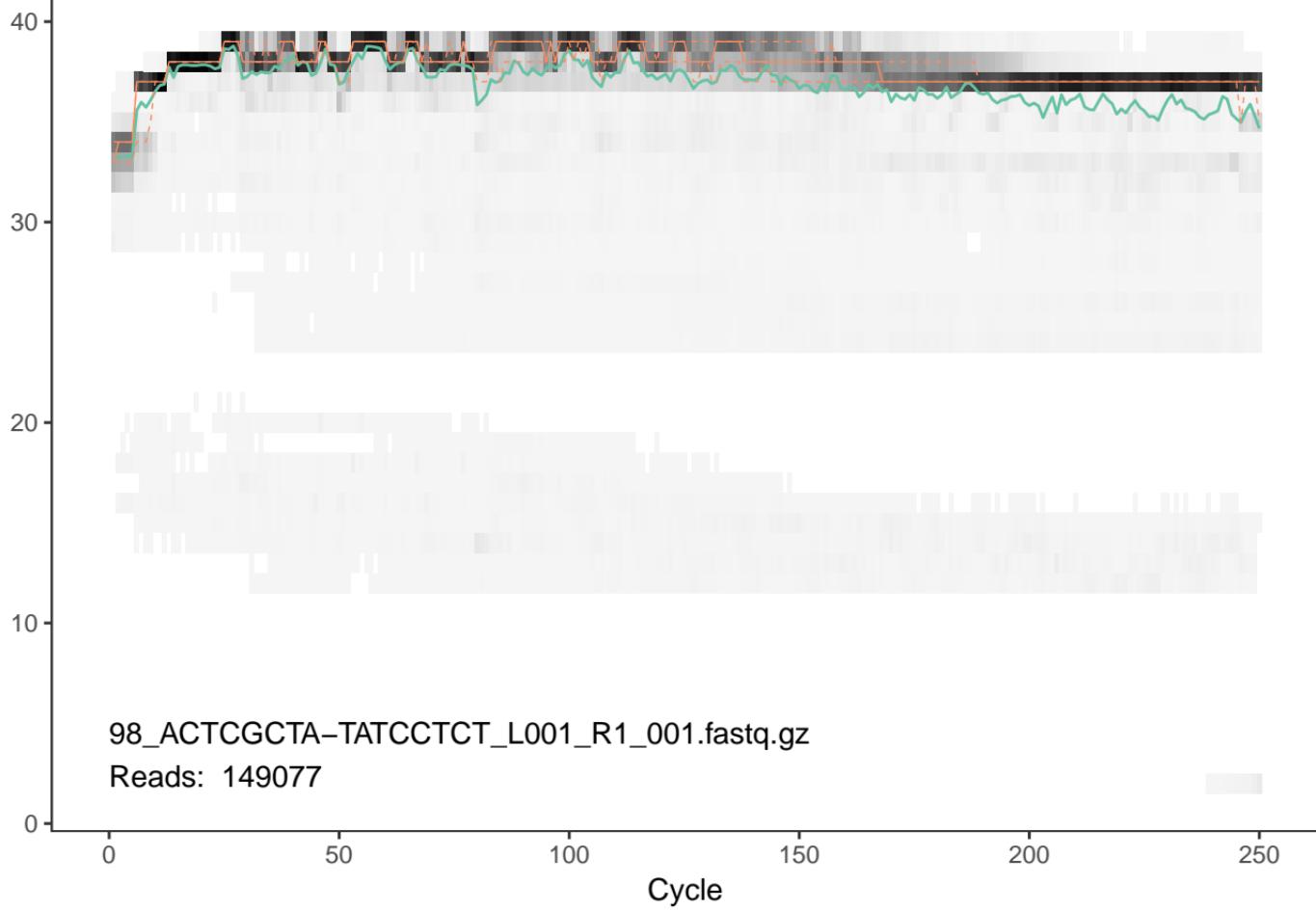
Fwd

Quality Score



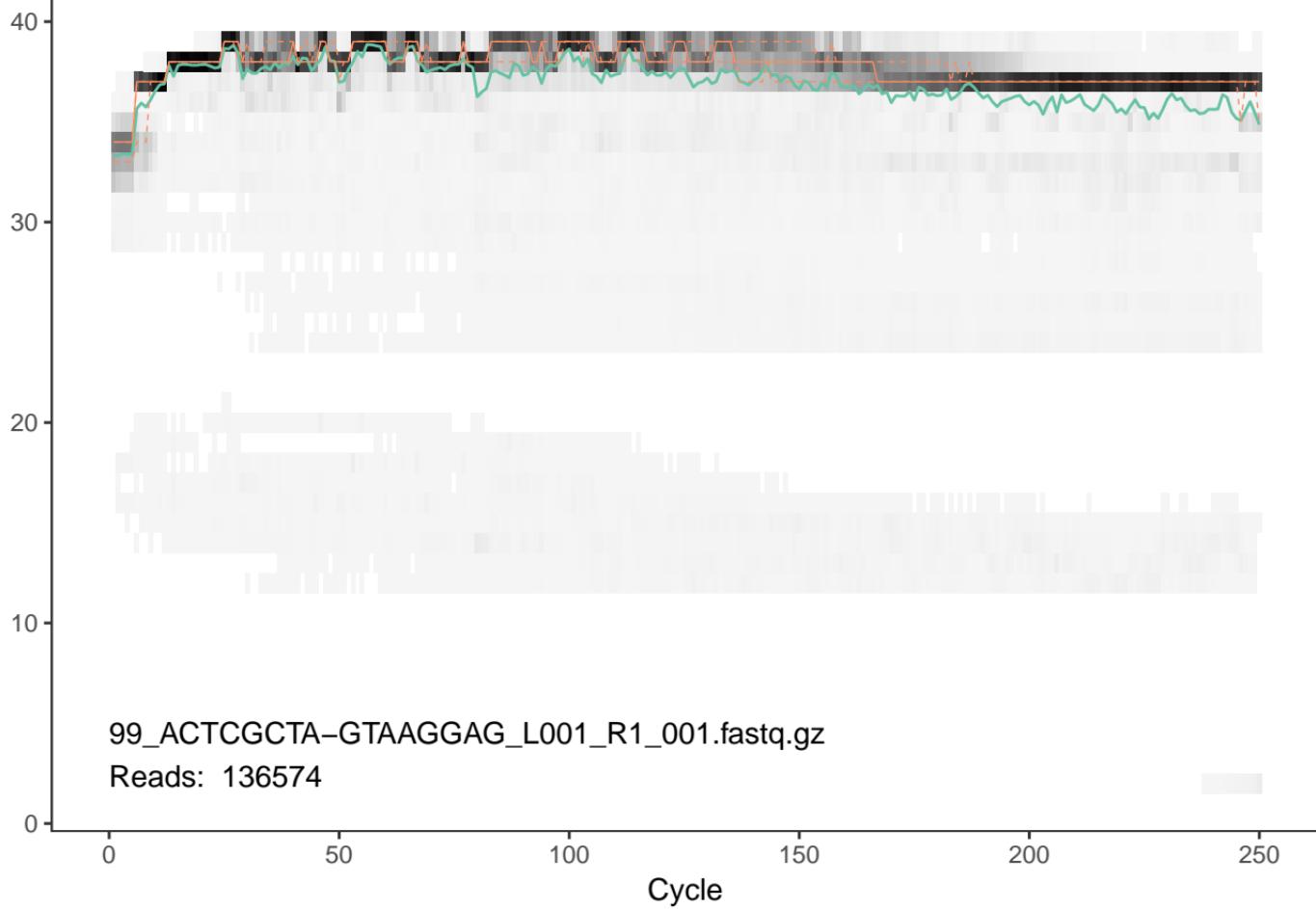
Fwd

Quality Score



Fwd

Quality Score



Rev

Quality Score

40

30

20

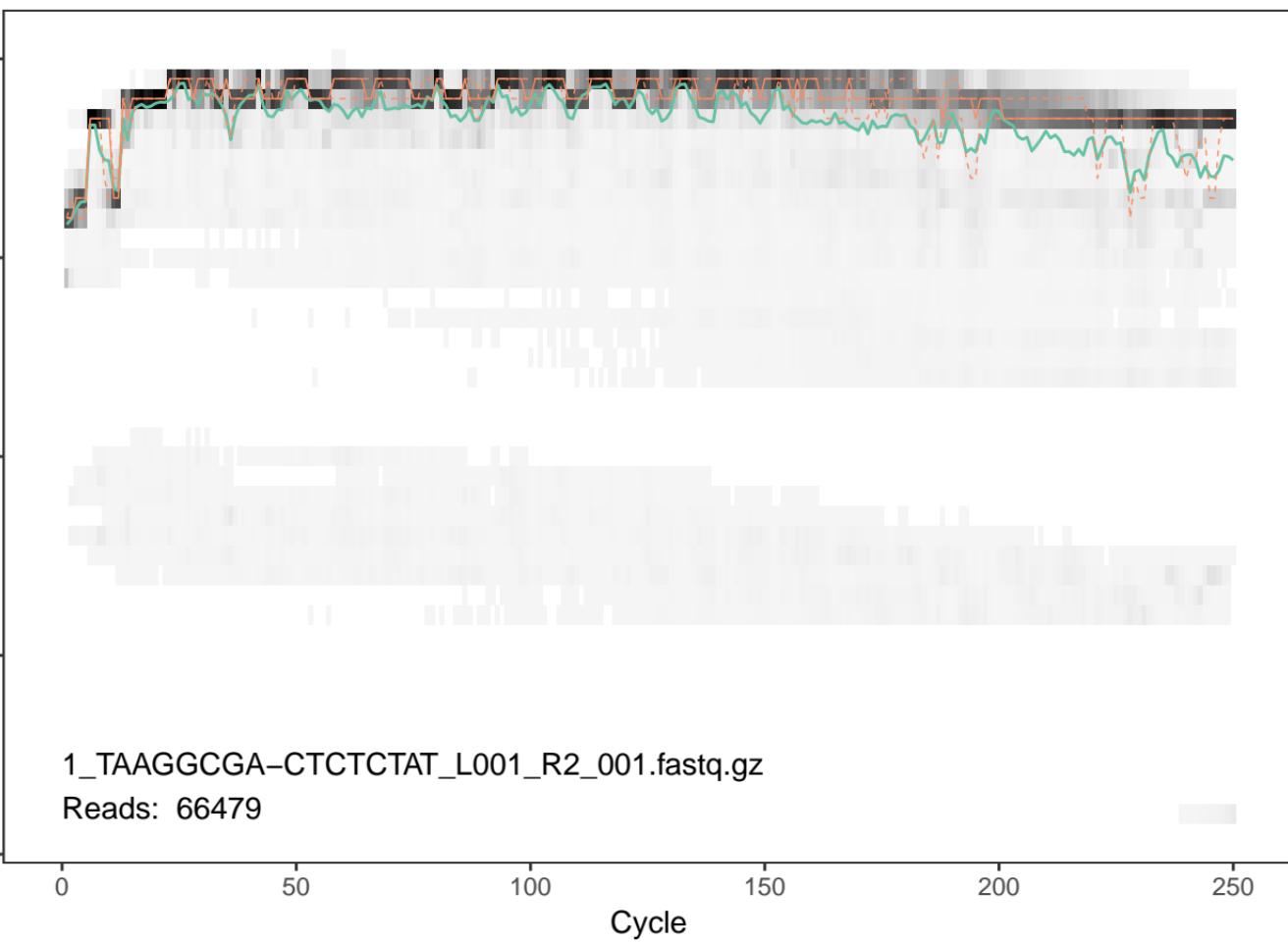
10

0

Cycle

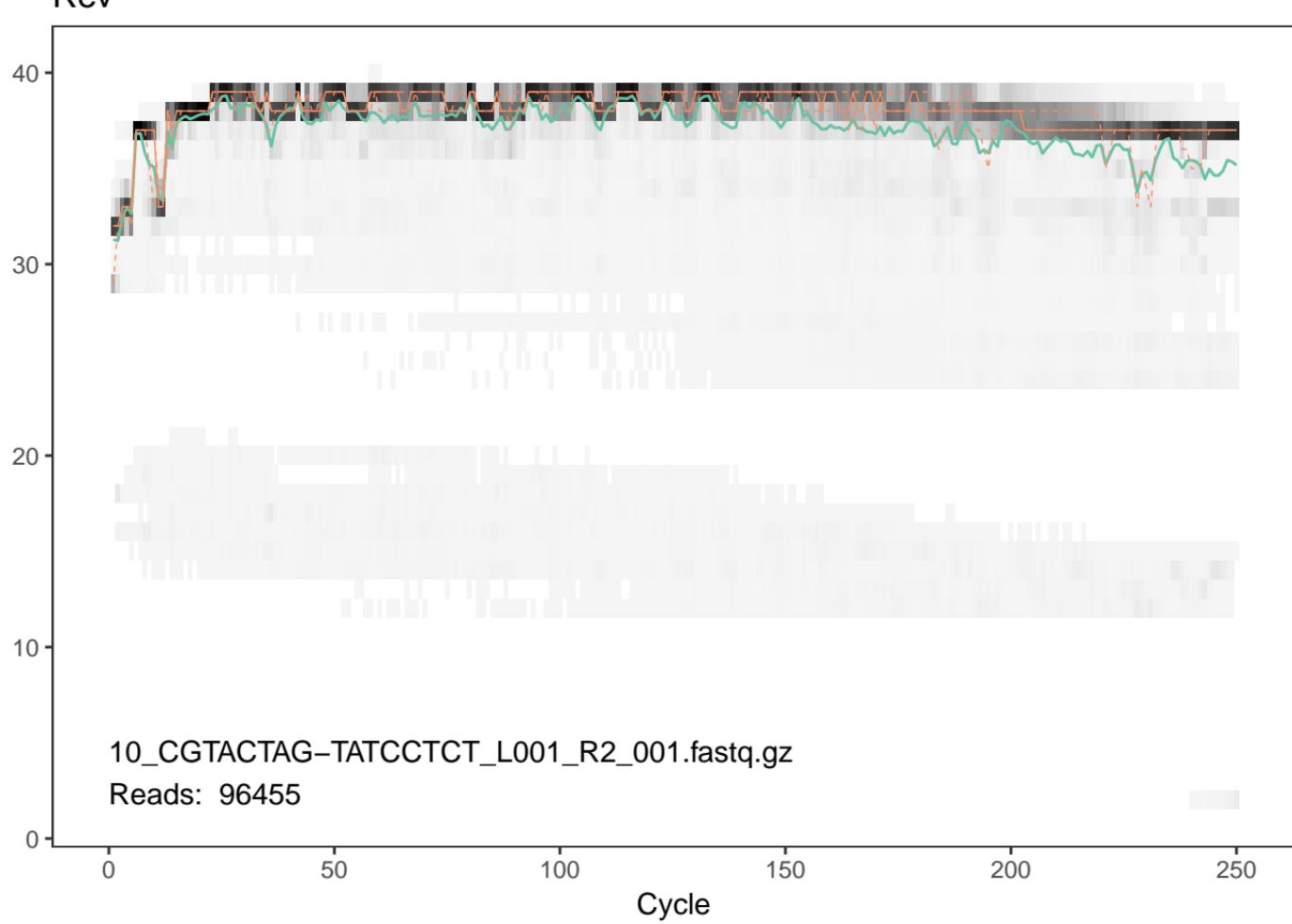
1_TAAGGCGA-CTCTCTAT_L001_R2_001.fastq.gz

Reads: 66479



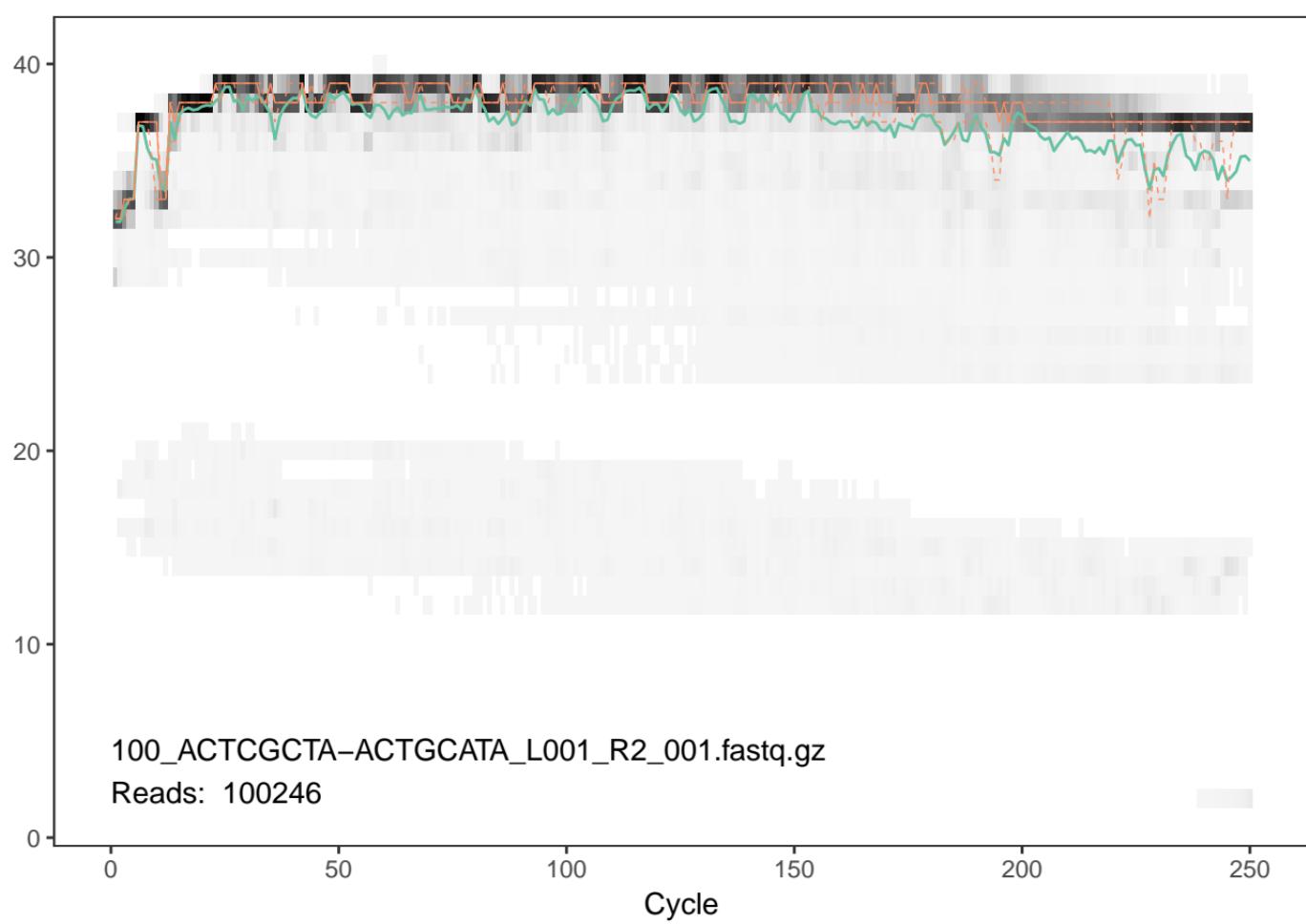
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

101_ACTCGCTA-AAGGAGTA_L001_R2_001.fastq.gz

Reads: 98378

0

50

100

150

200

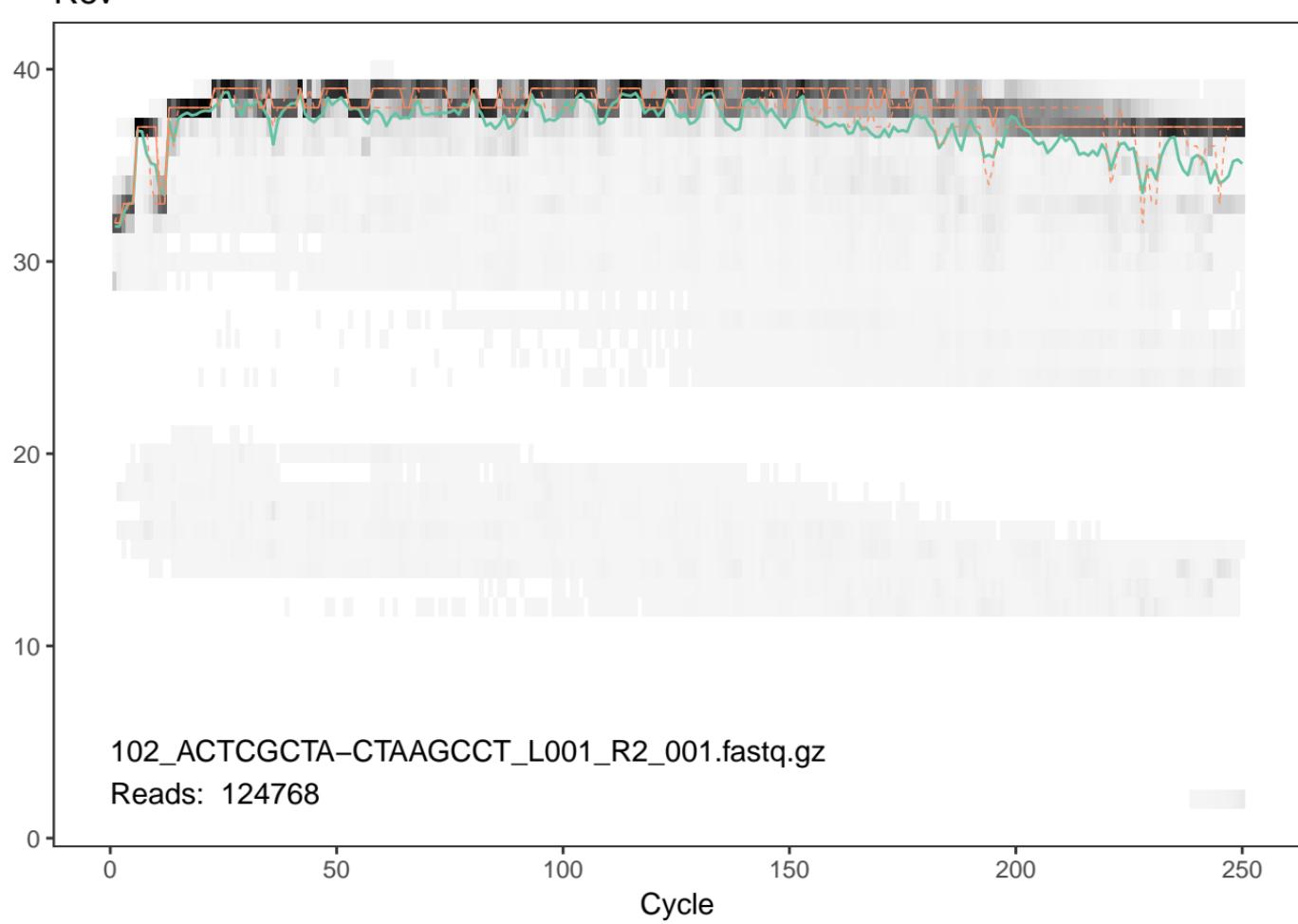
250

Cycle



Rev

Quality Score



Rev

Quality Score

40

30

20

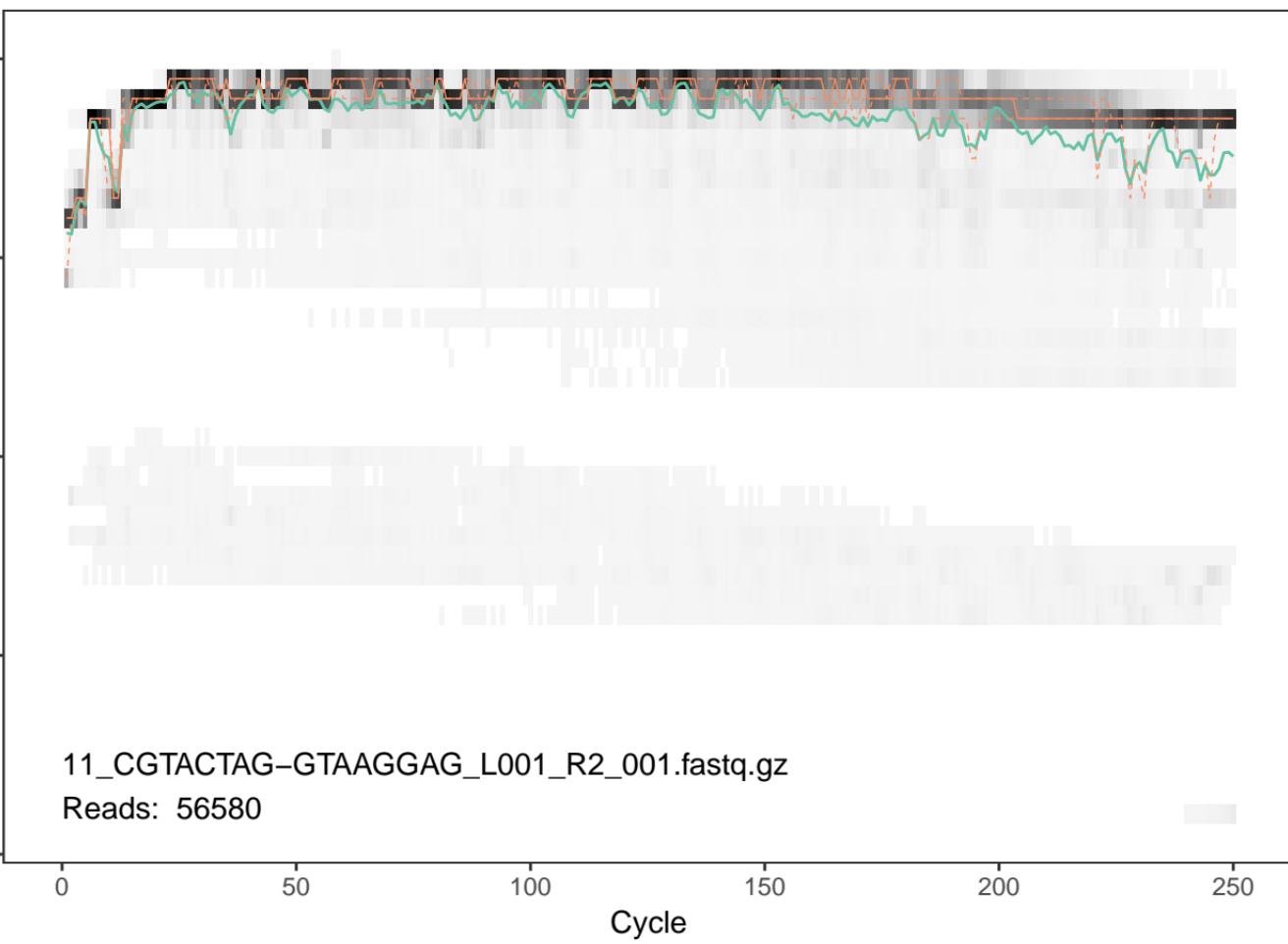
10

0

Cycle

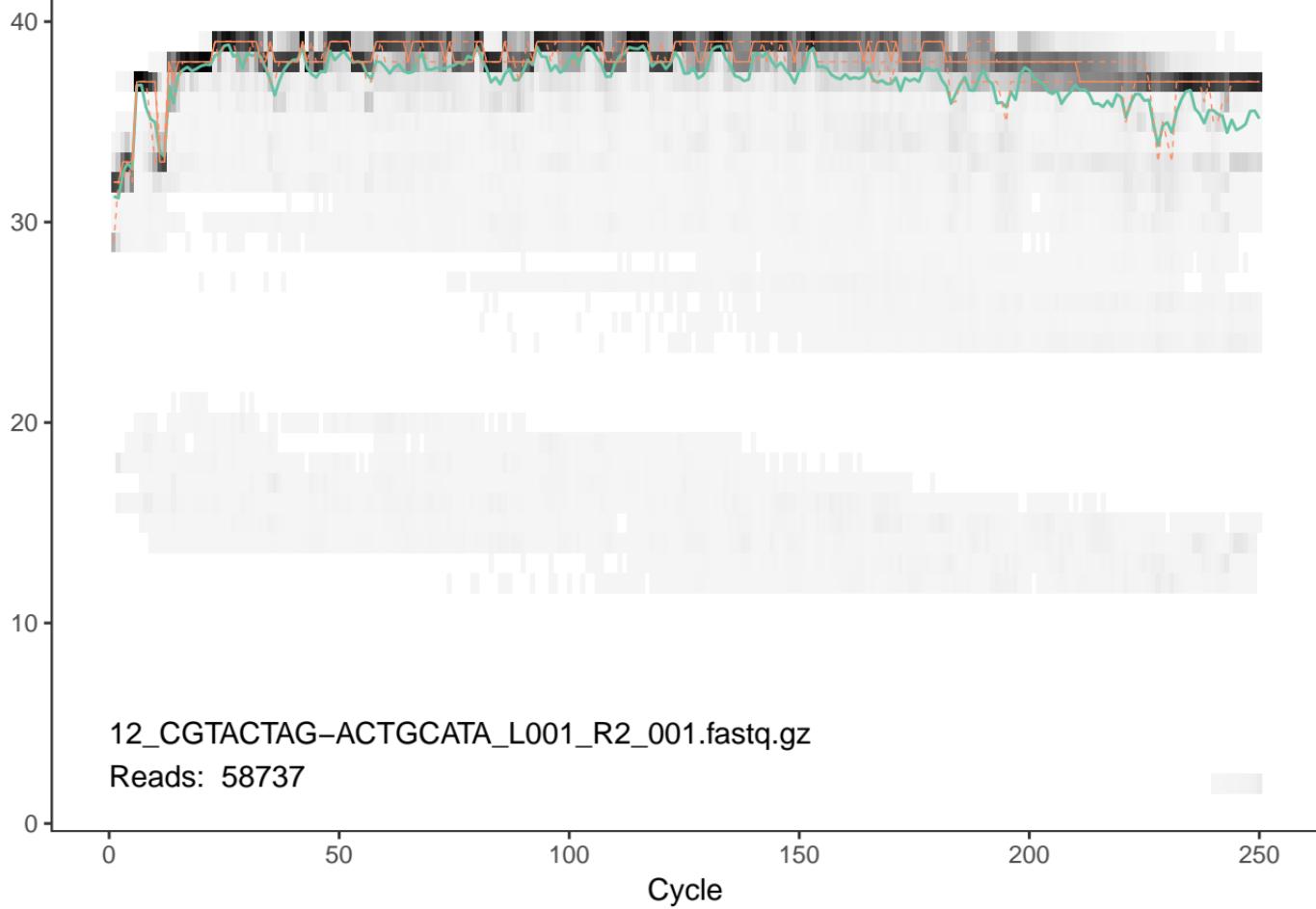
11_CGTACTAG-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 56580



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

13_CGTACTAG-AAGGAGTA_L001_R2_001.fastq.gz

Reads: 66437

Cycle



Rev

Quality Score

40

30

20

10

0

50

100

150

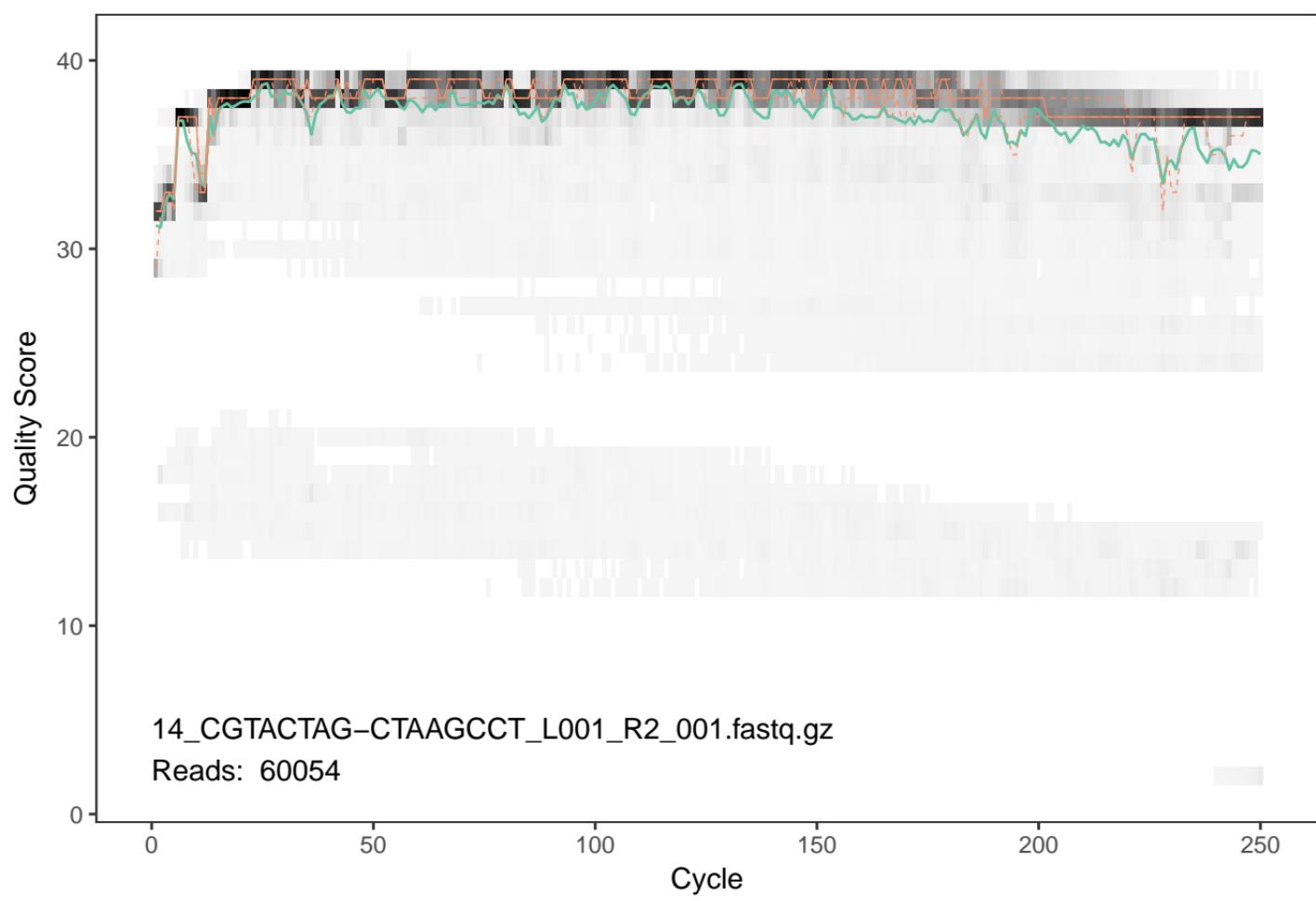
200

250

Cycle

14_CGTACTAG-CTAAGCCT_L001_R2_001.fastq.gz

Reads: 60054



Rev

Quality Score

40

30

20

10

0

50

100

150

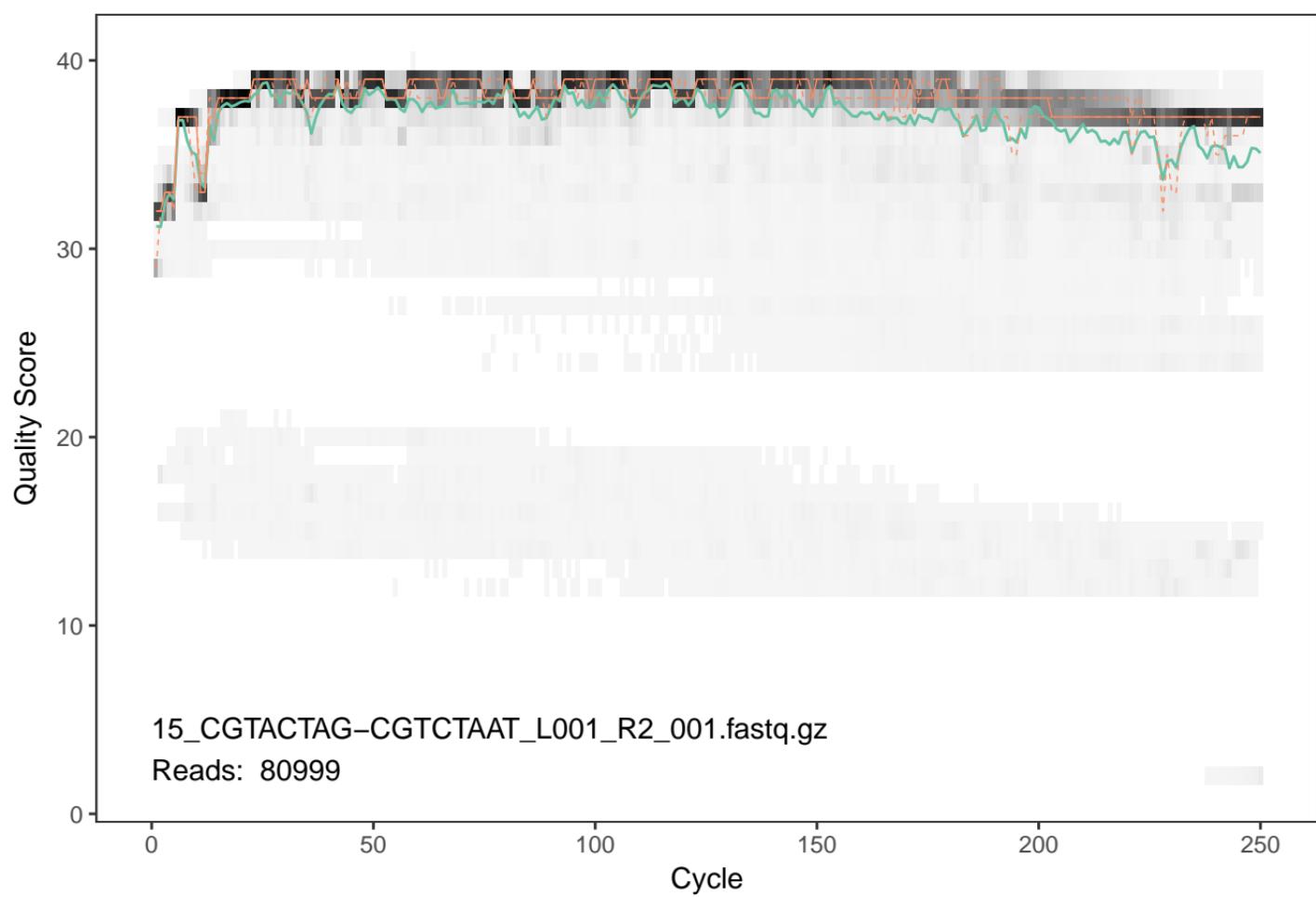
200

250

Cycle

15_CGTACTAG-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 80999



Rev

Quality Score

40

30

20

10

0

50

100

150

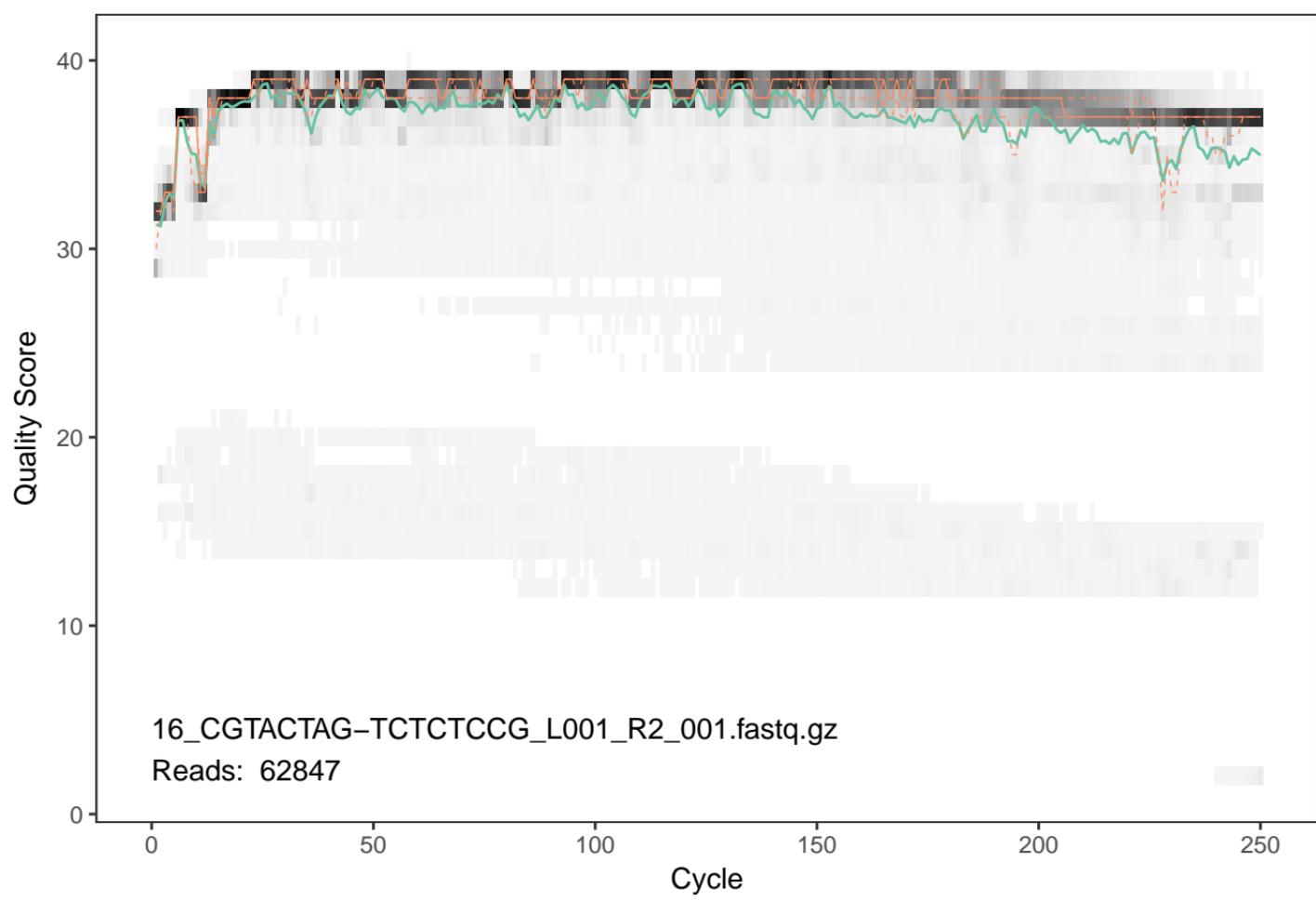
200

250

Cycle

16_CGTACTAG-TCTCTCCG_L001_R2_001.fastq.gz

Reads: 62847



Rev

Quality Score

40

30

20

10

0

17_AGGCAGAA-CTCTCTAT_L001_R2_001.fastq.gz

Reads: 123590

0

50

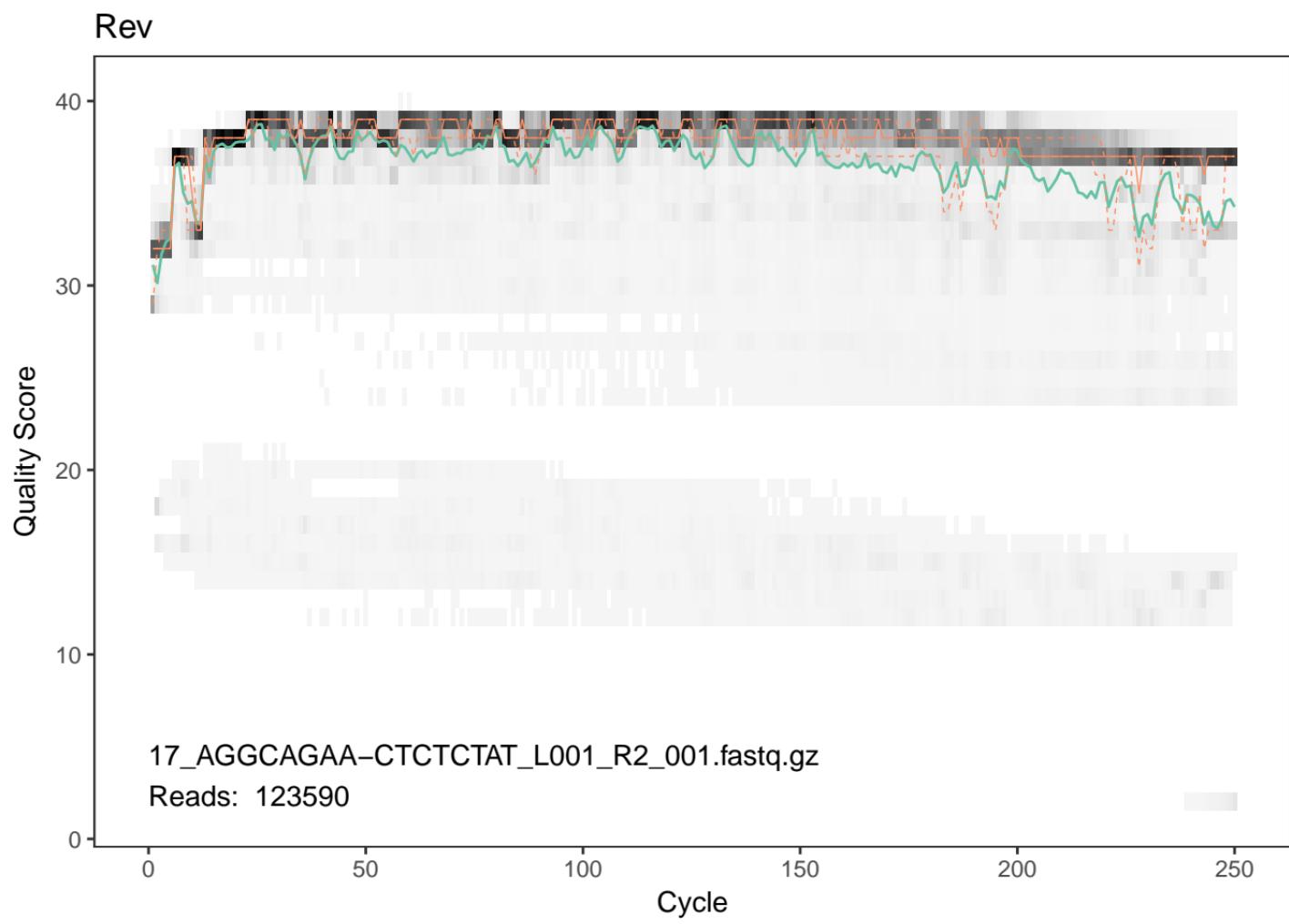
100

150

200

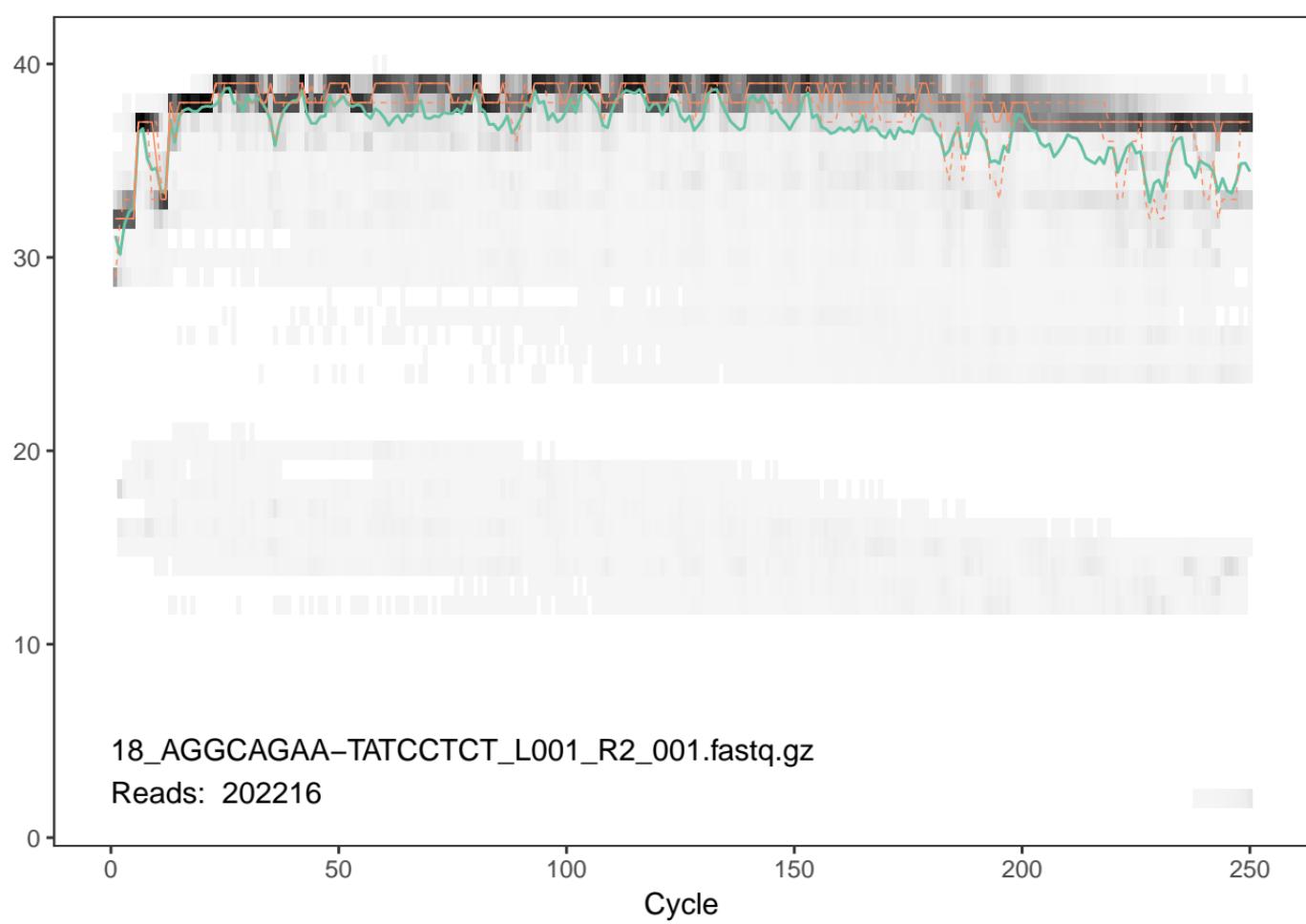
250

Cycle



Rev

Quality Score

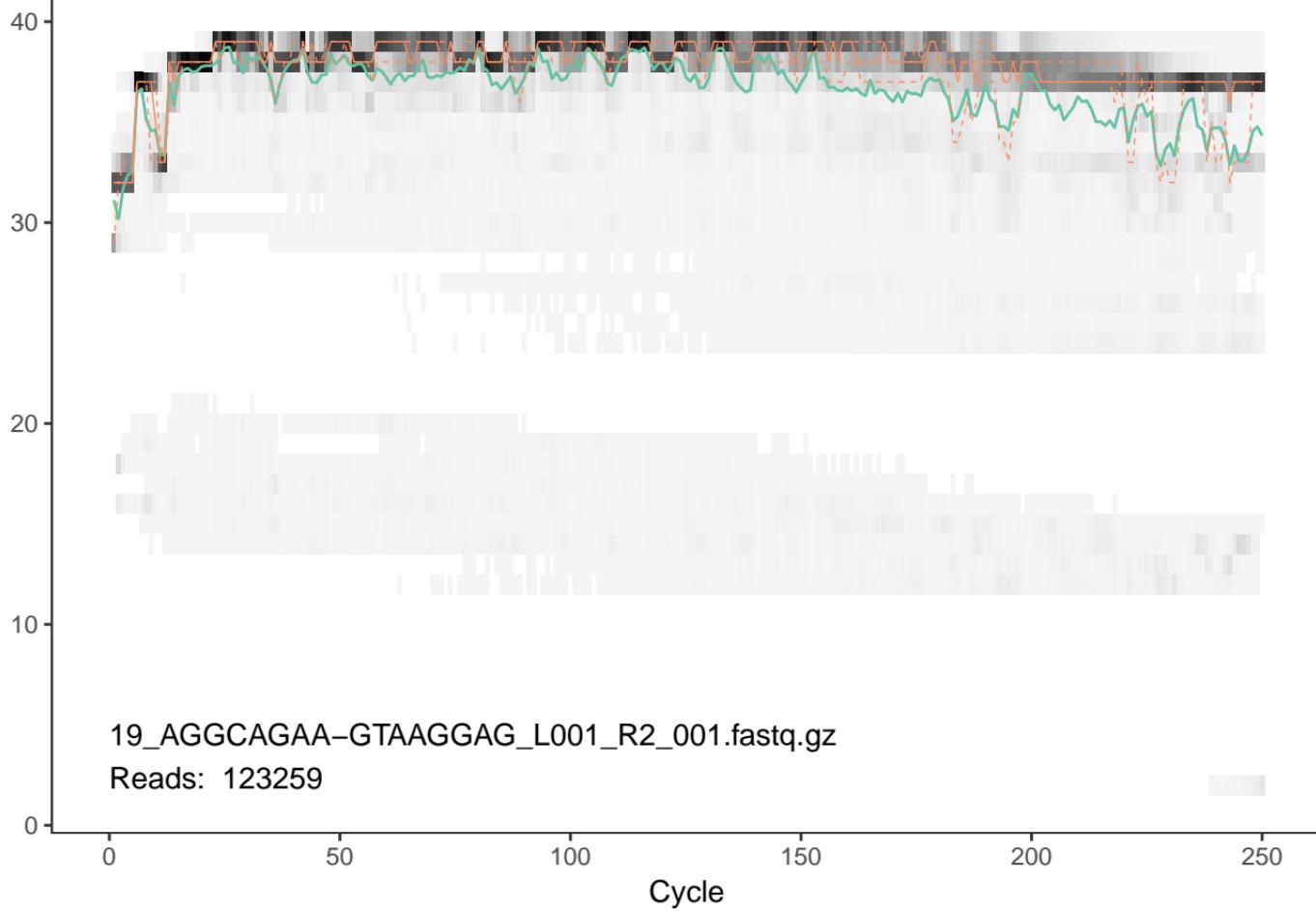


18_AGGCAGAA-TATCCTCT_L001_R2_001.fastq.gz

Reads: 202216

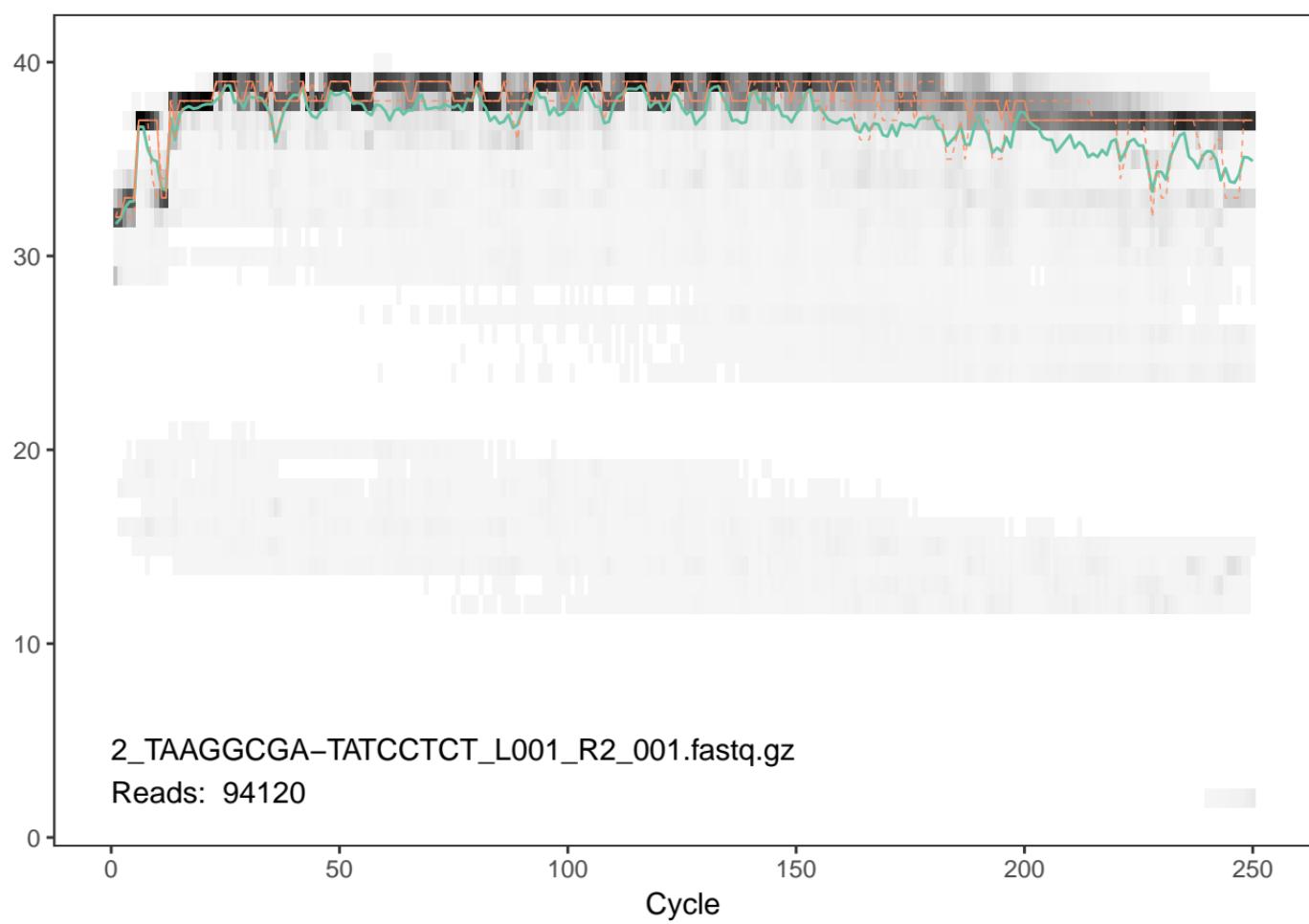
Rev

Quality Score



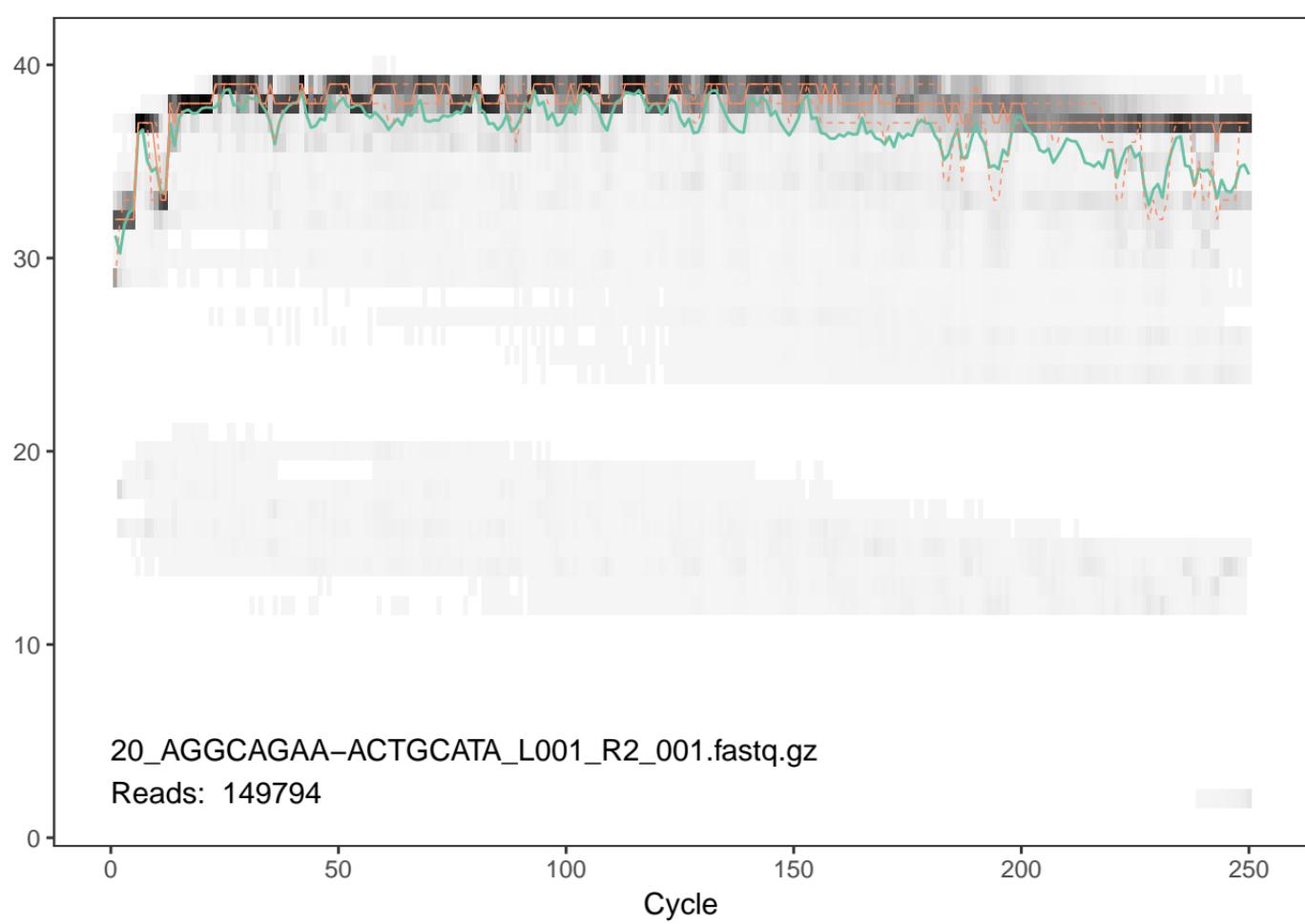
Rev

Quality Score



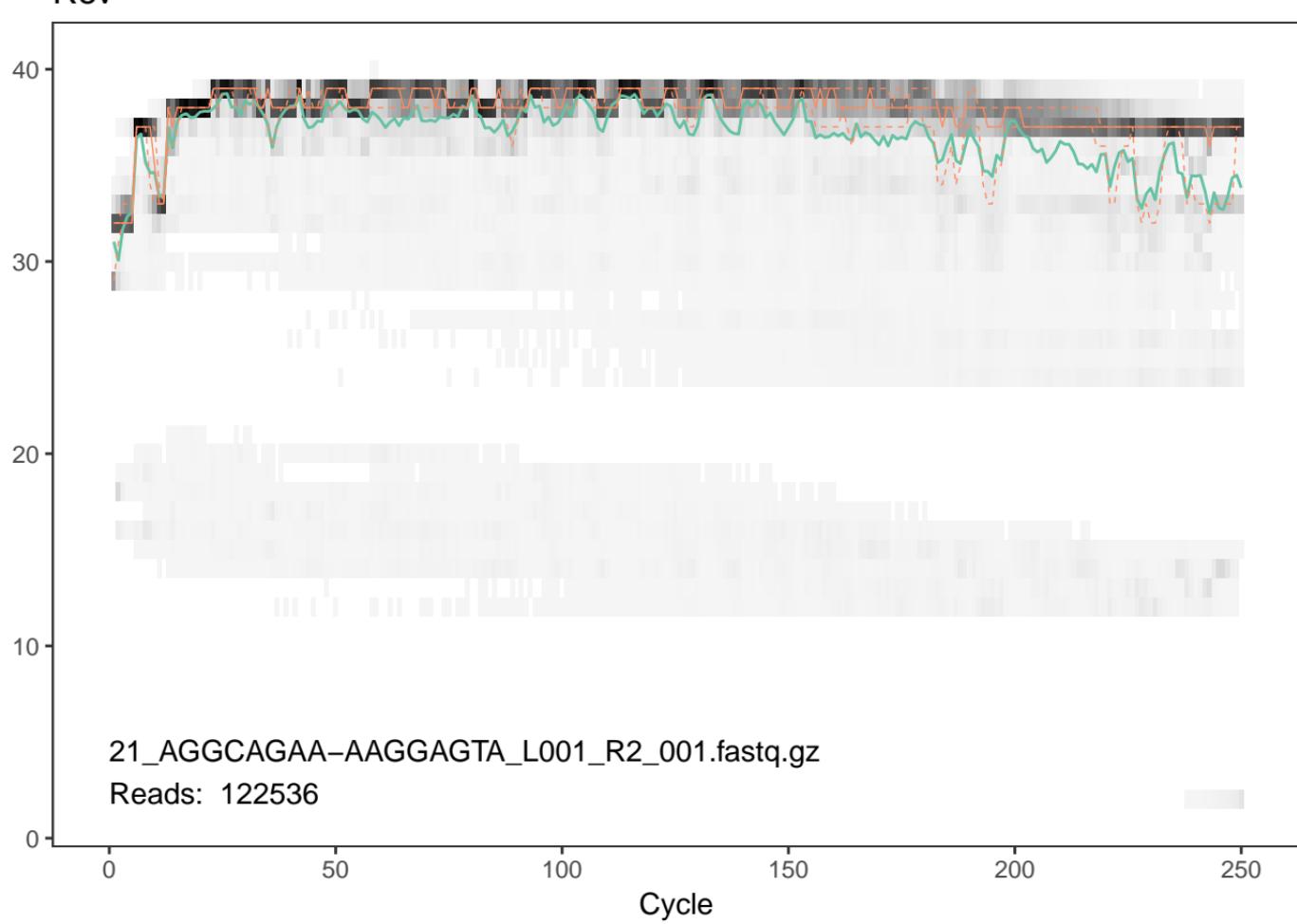
Rev

Quality Score



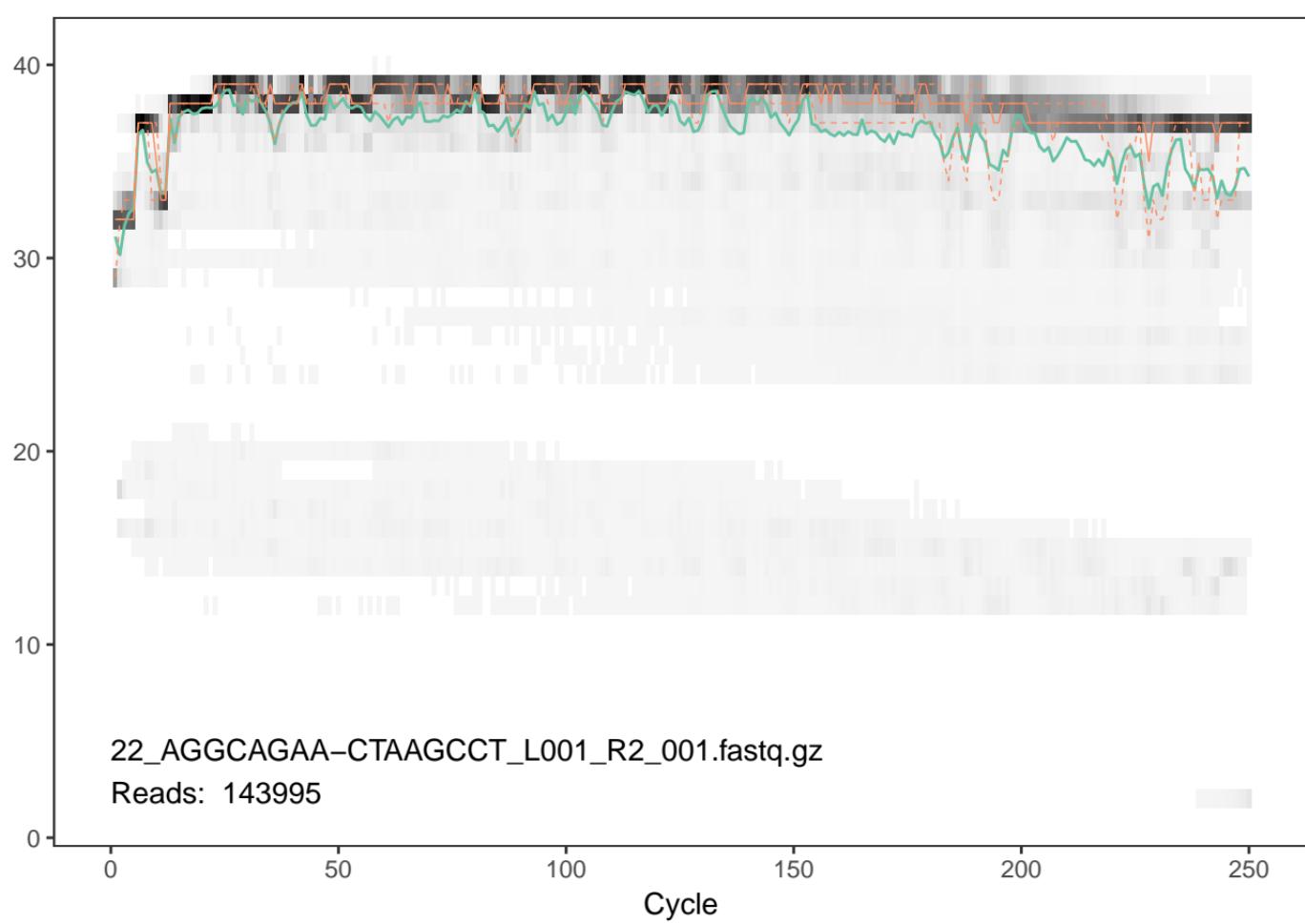
Rev

Quality Score



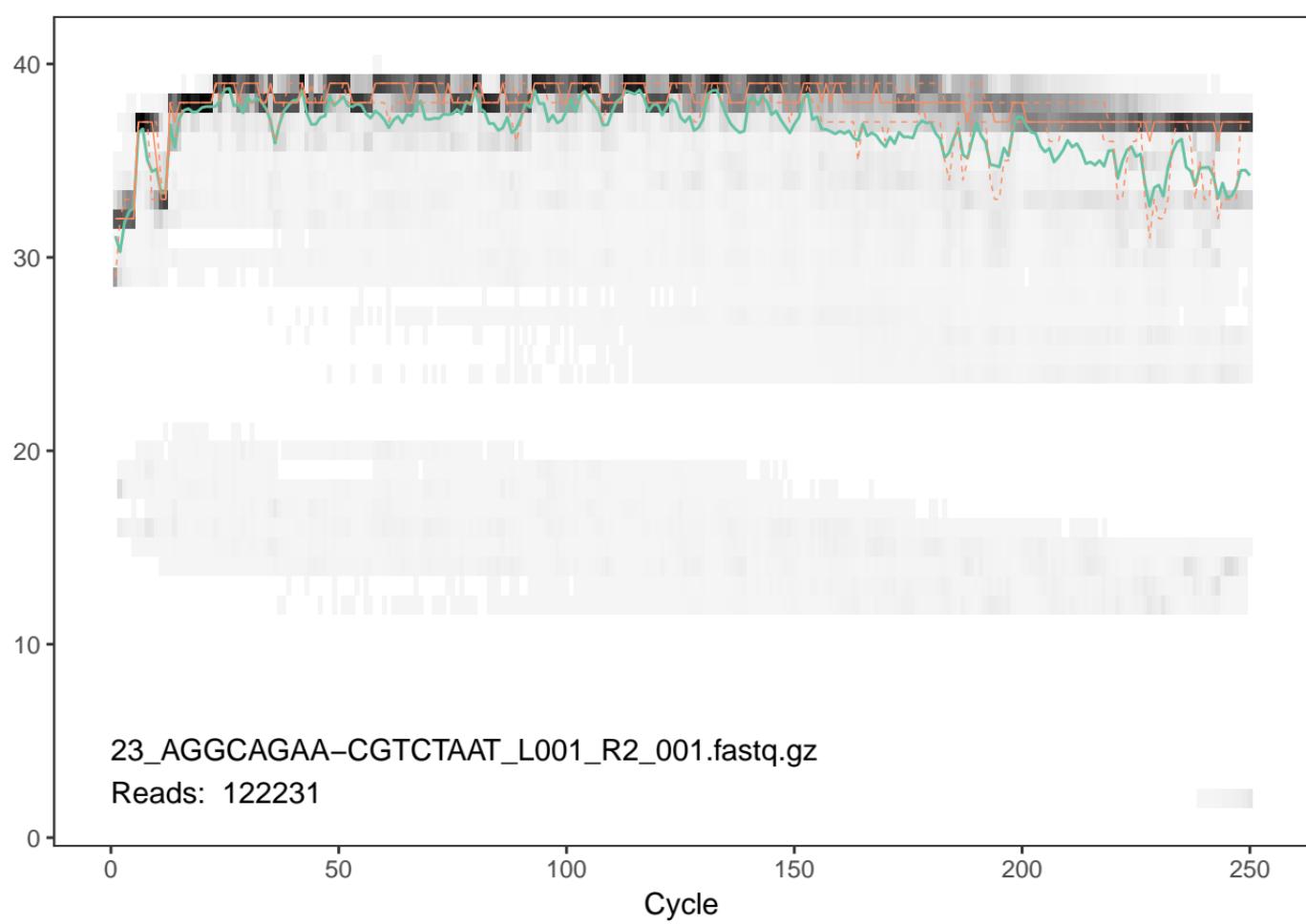
Rev

Quality Score



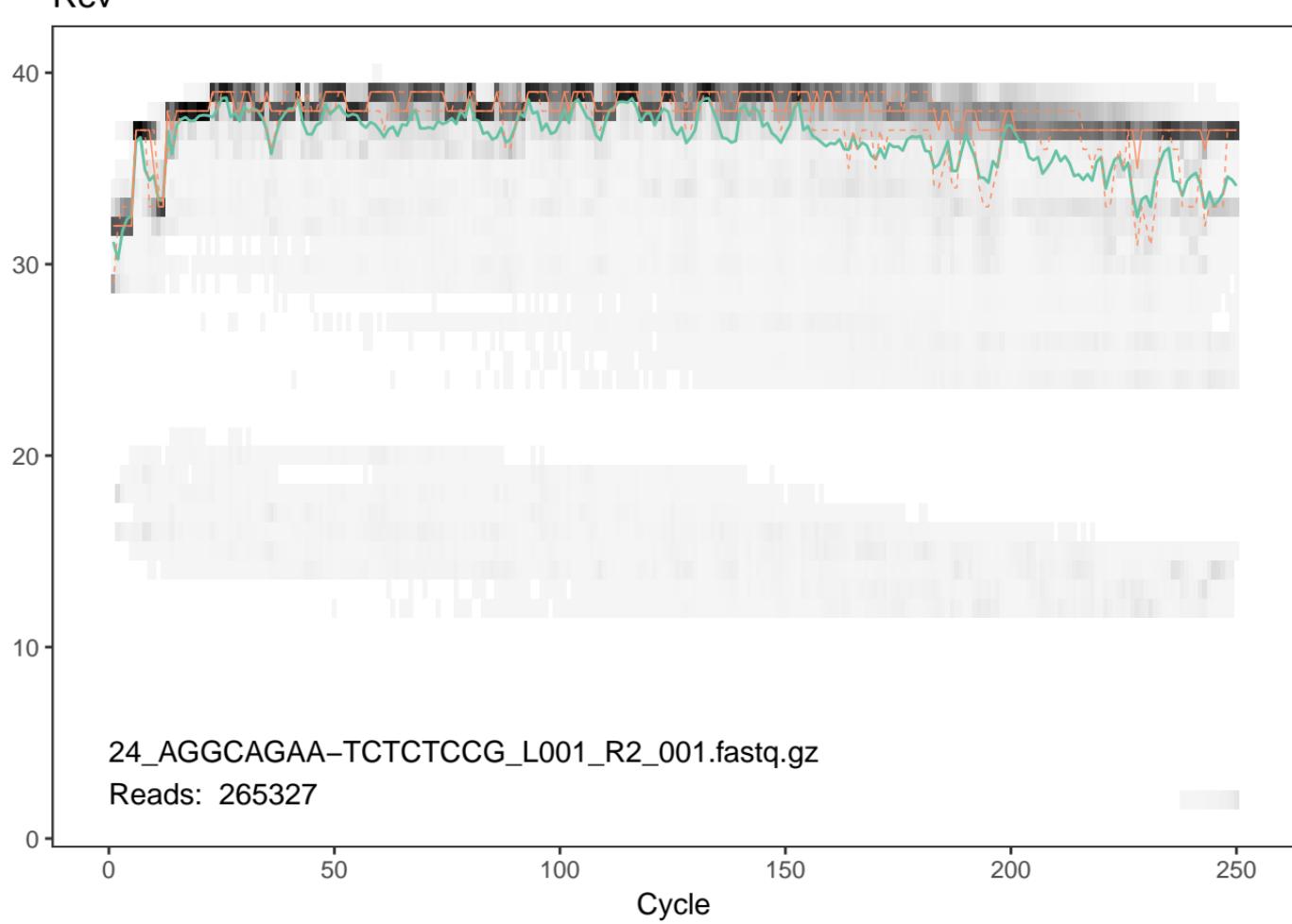
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

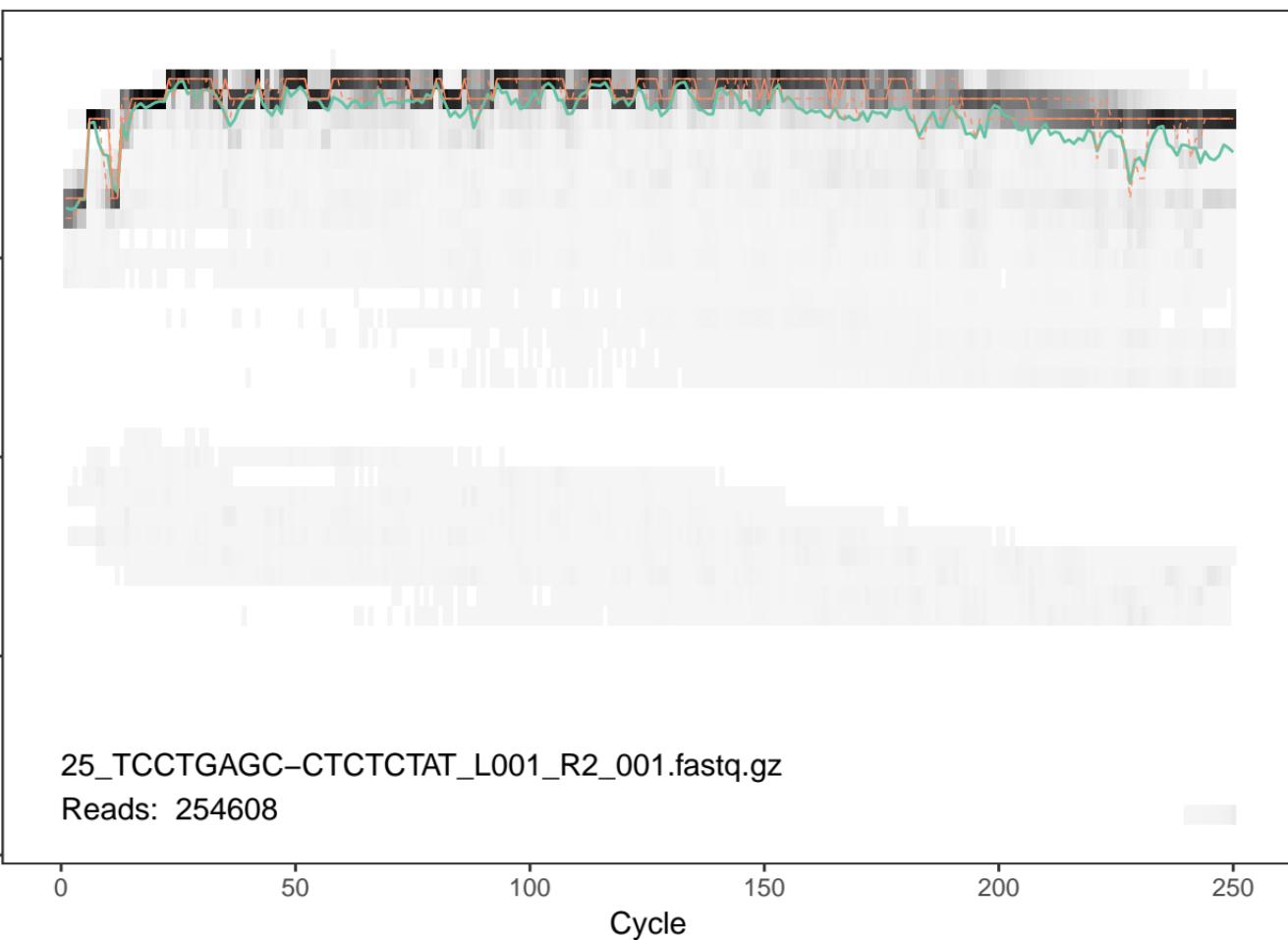
10

0

Cycle

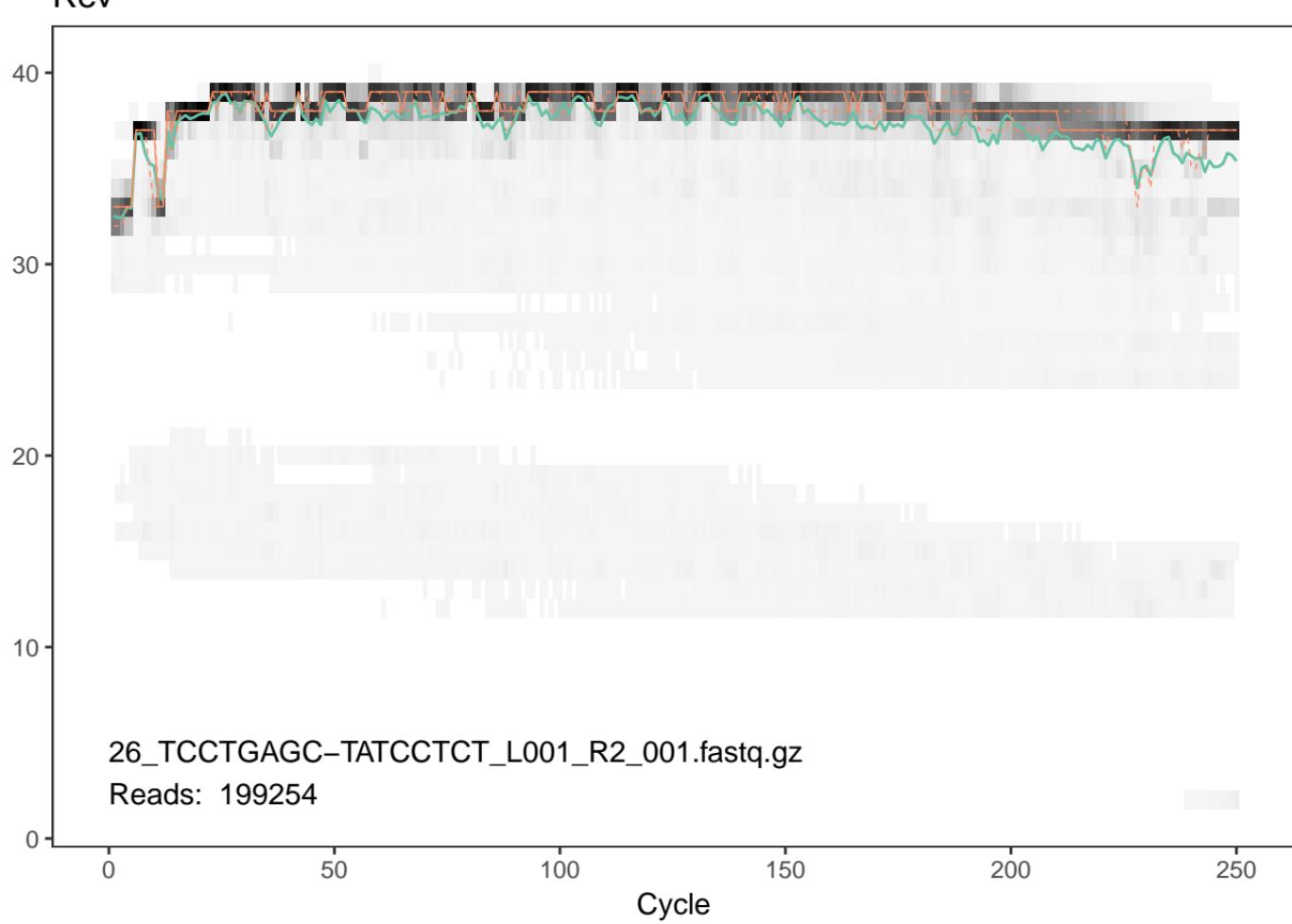
25_TCCTGAGC-CTCTCTAT_L001_R2_001.fastq.gz

Reads: 254608



Rev

Quality Score



Rev

Quality Score

40

30

20

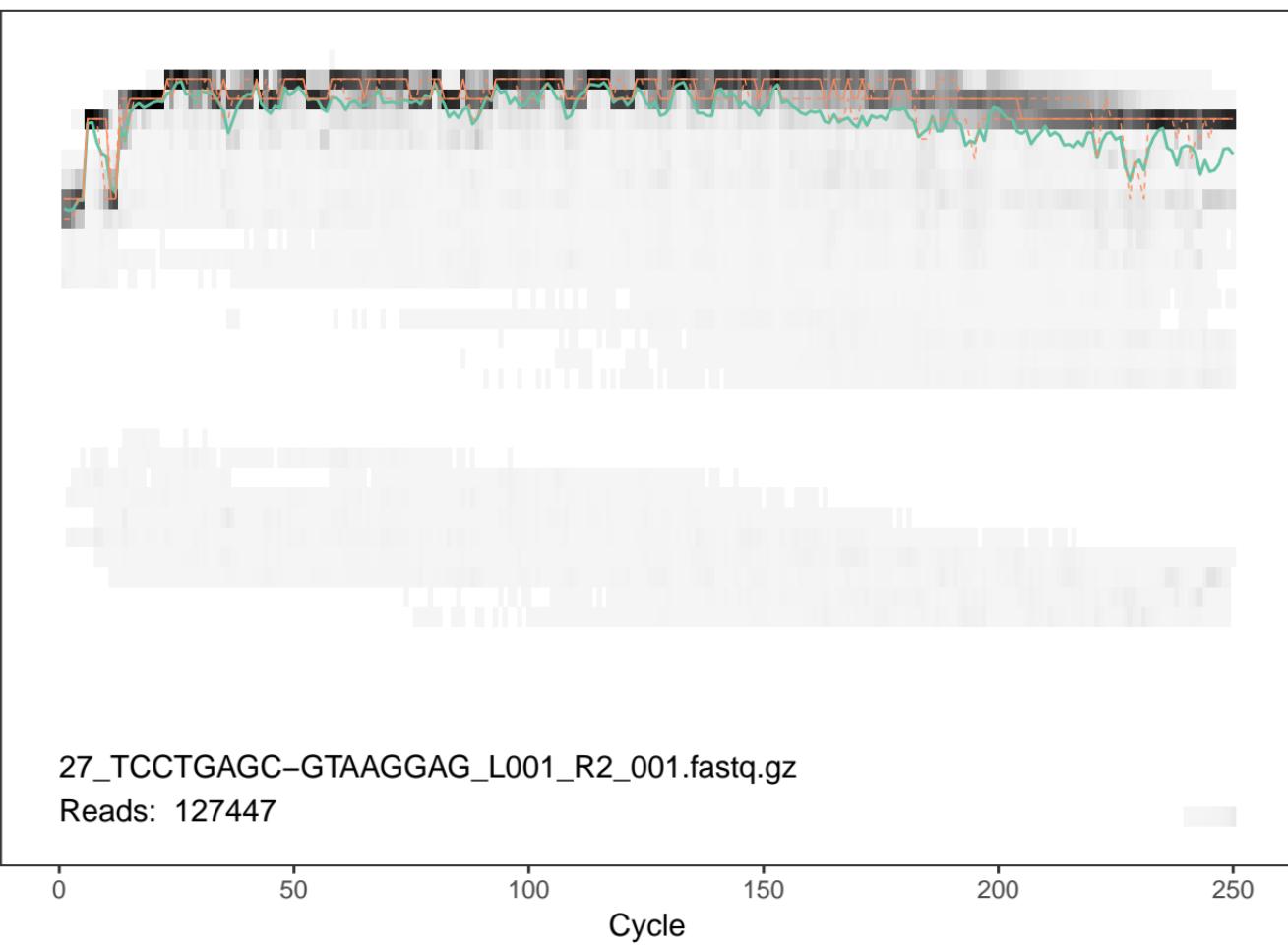
10

0

Cycle

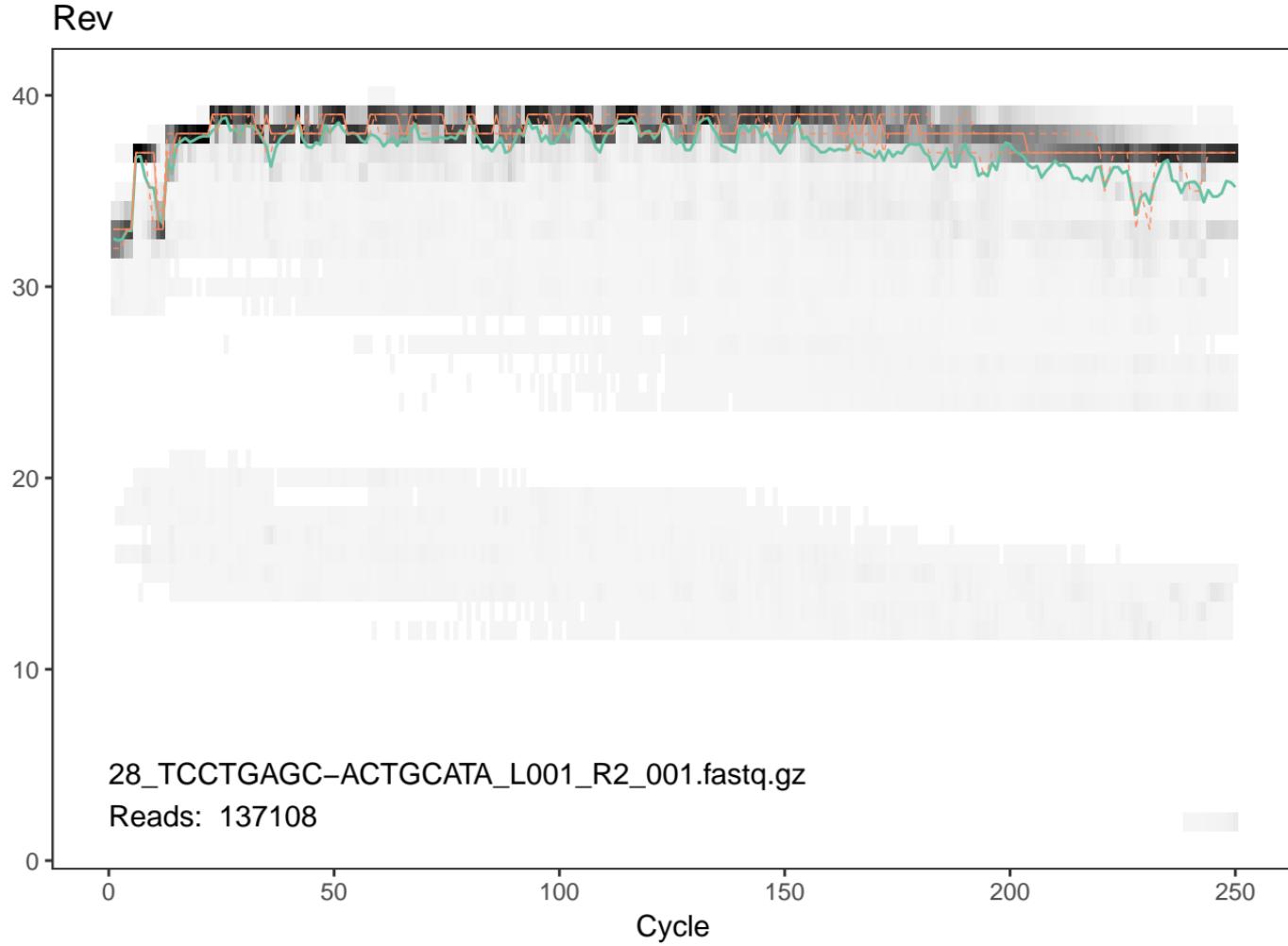
27_TCCTGAGC-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 127447



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

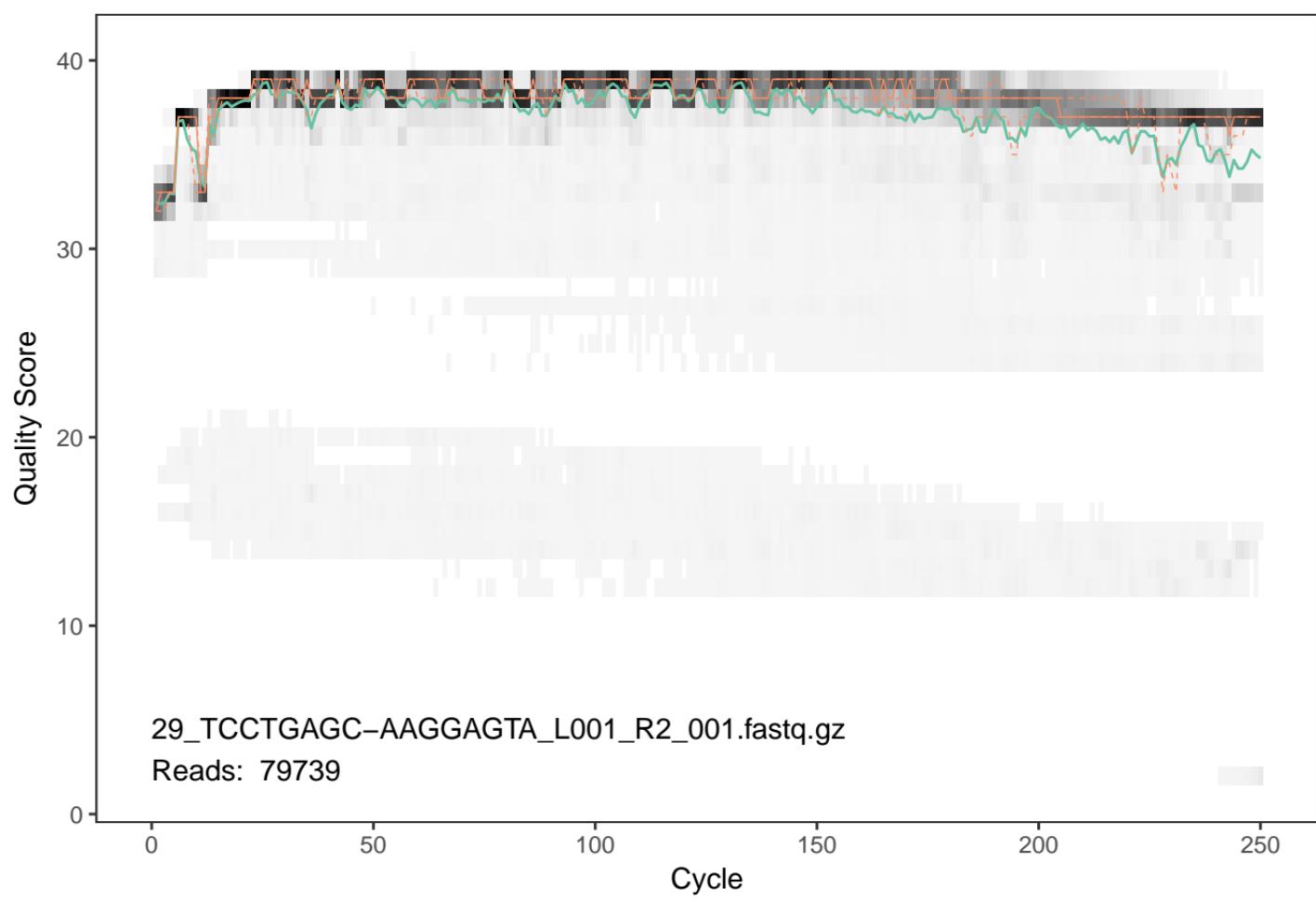
200

250

Cycle

29_TCCTGAGC-AAGGAGTA_L001_R2_001.fastq.gz

Reads: 79739



Rev

Quality Score

40

30

20

10

0

50

100

150

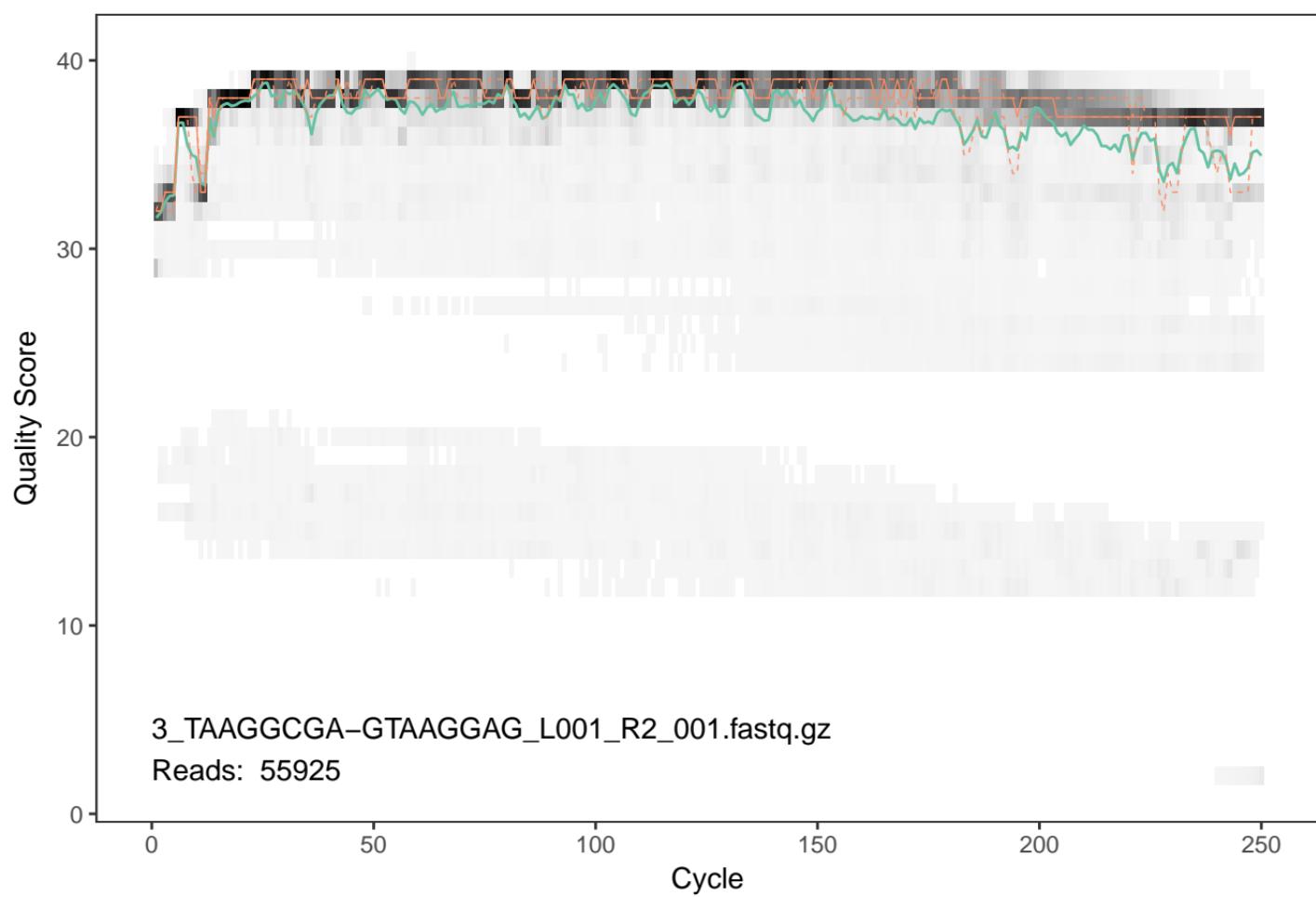
200

250

Cycle

3_TAAGGCGA-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 55925



Rev

Quality Score

40

30

20

10

0

30_TCCTGAGC-CTAACGCCT_L001_R2_001.fastq.gz

Reads: 164597

0

50

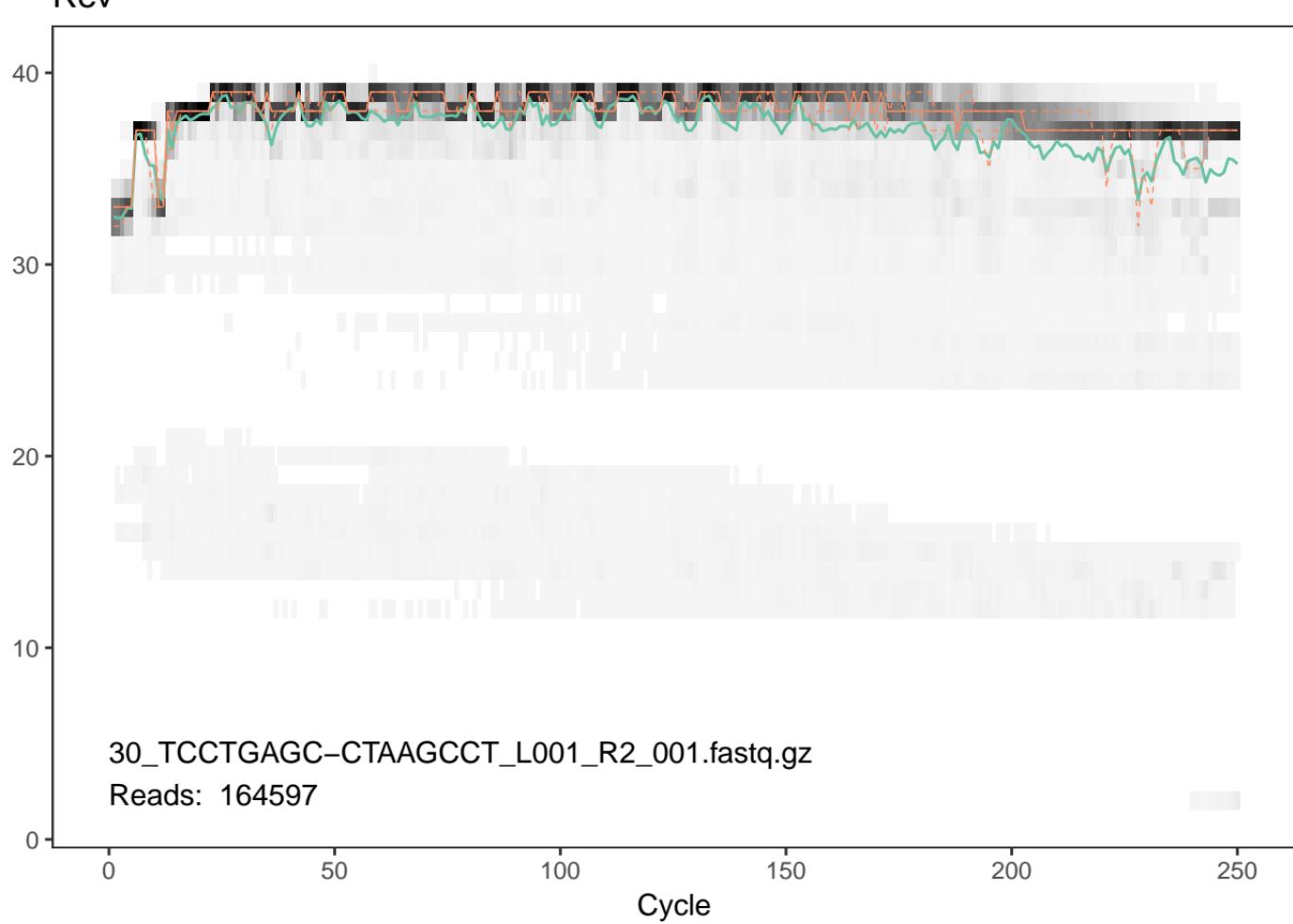
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

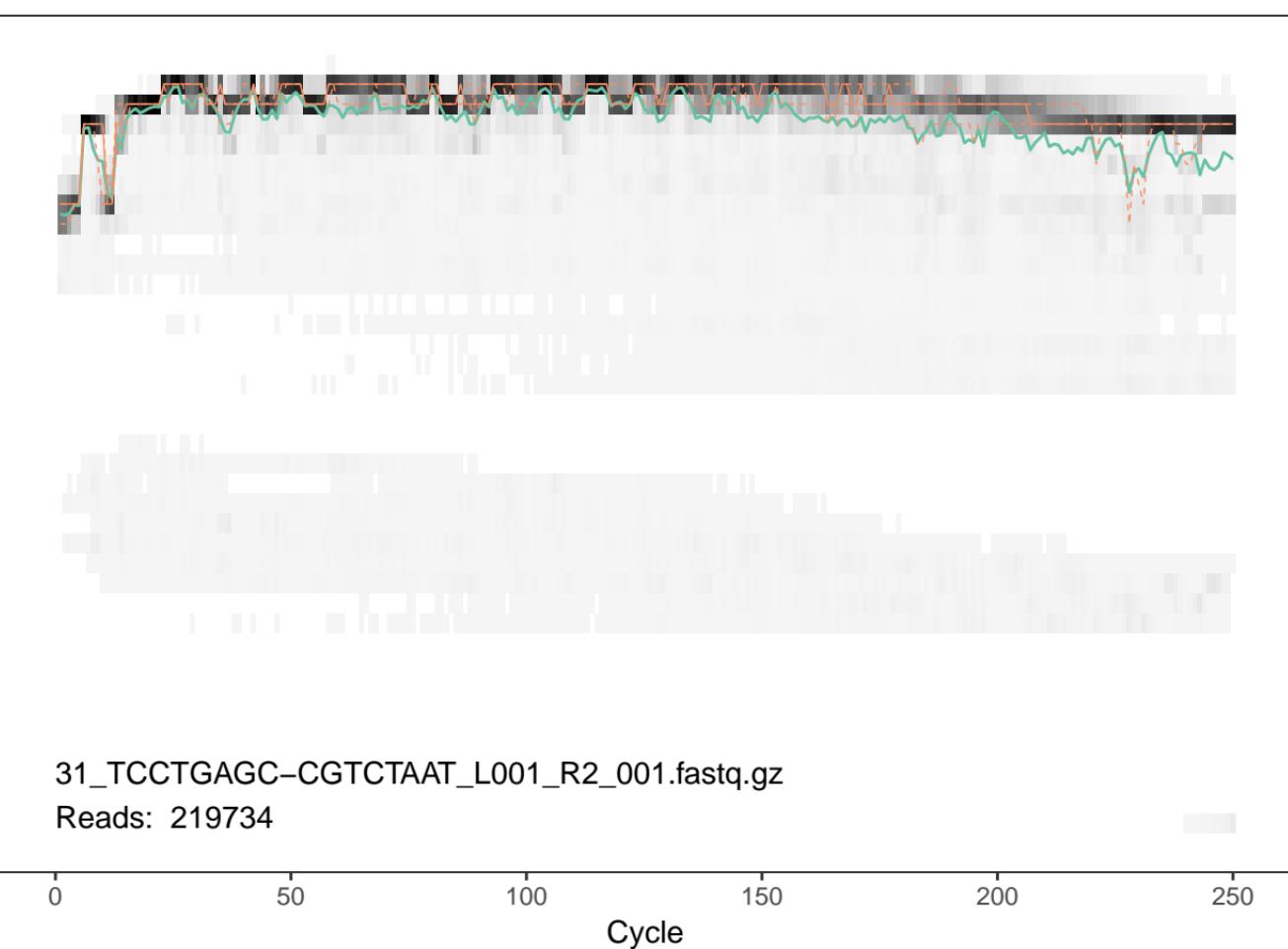
10

0

Cycle

31_TCCTGAGC-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 219734



Rev

Quality Score

40

30

20

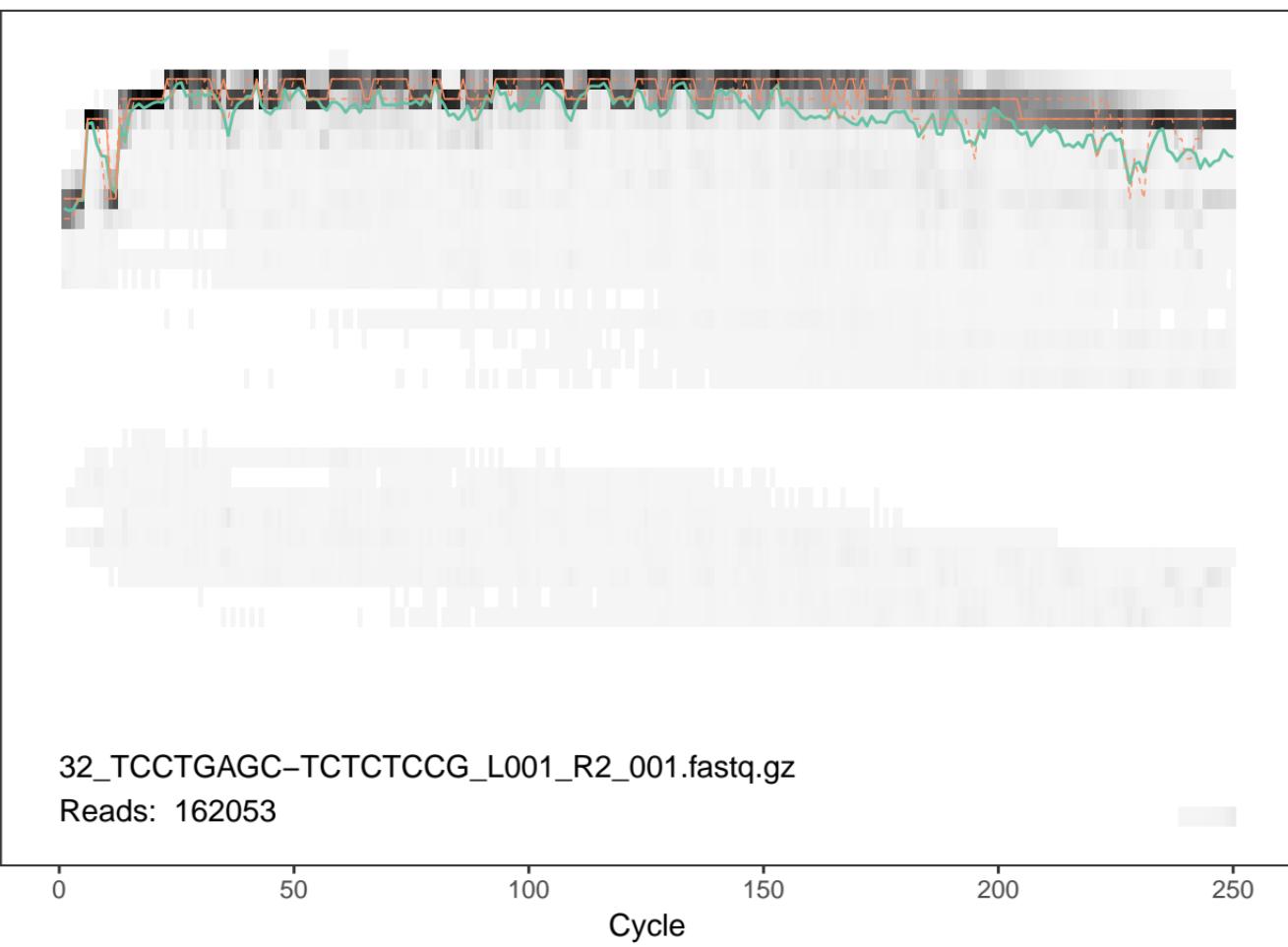
10

0

Cycle

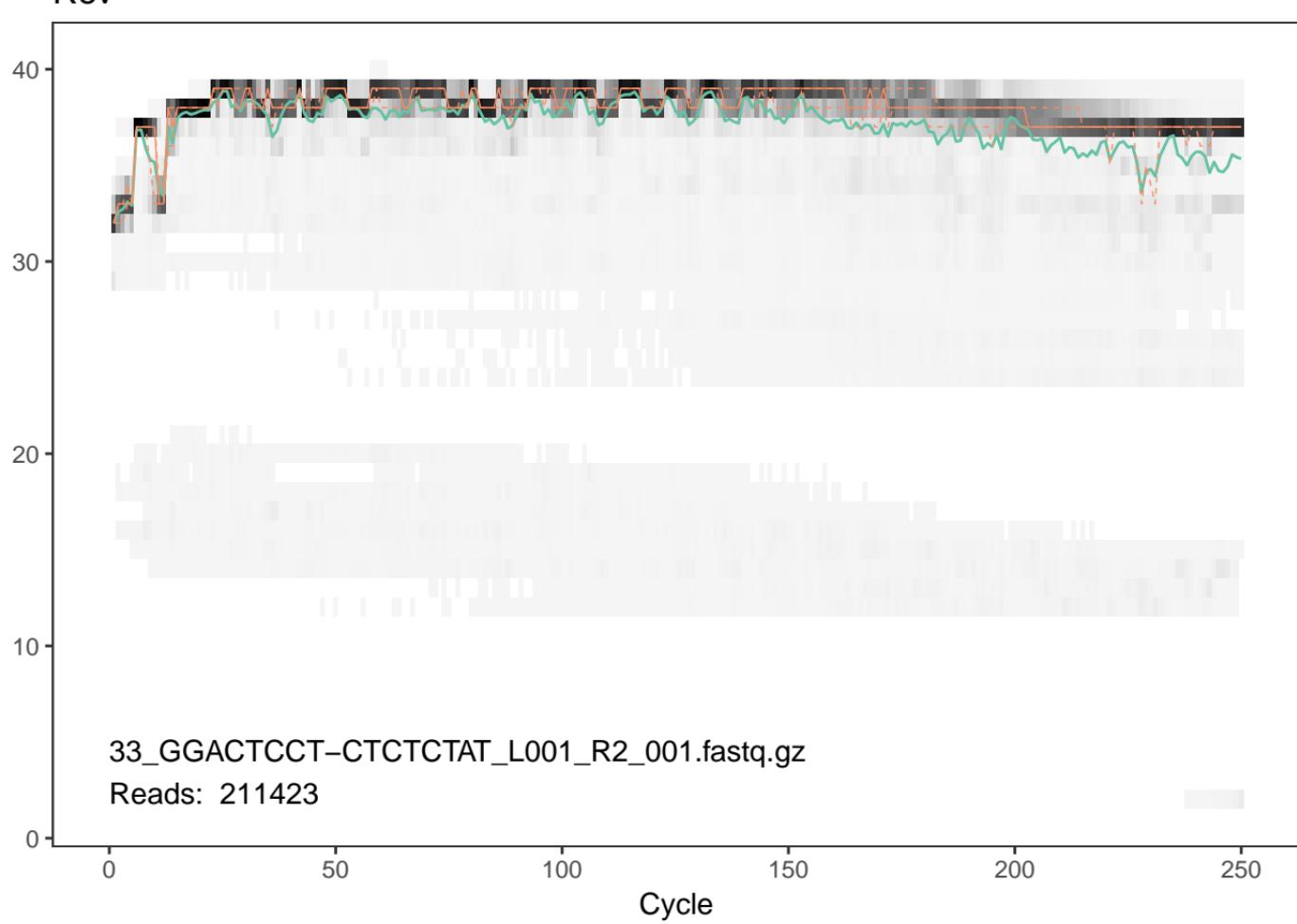
32_TCCTGAGC-TCTCTCCG_L001_R2_001.fastq.gz

Reads: 162053



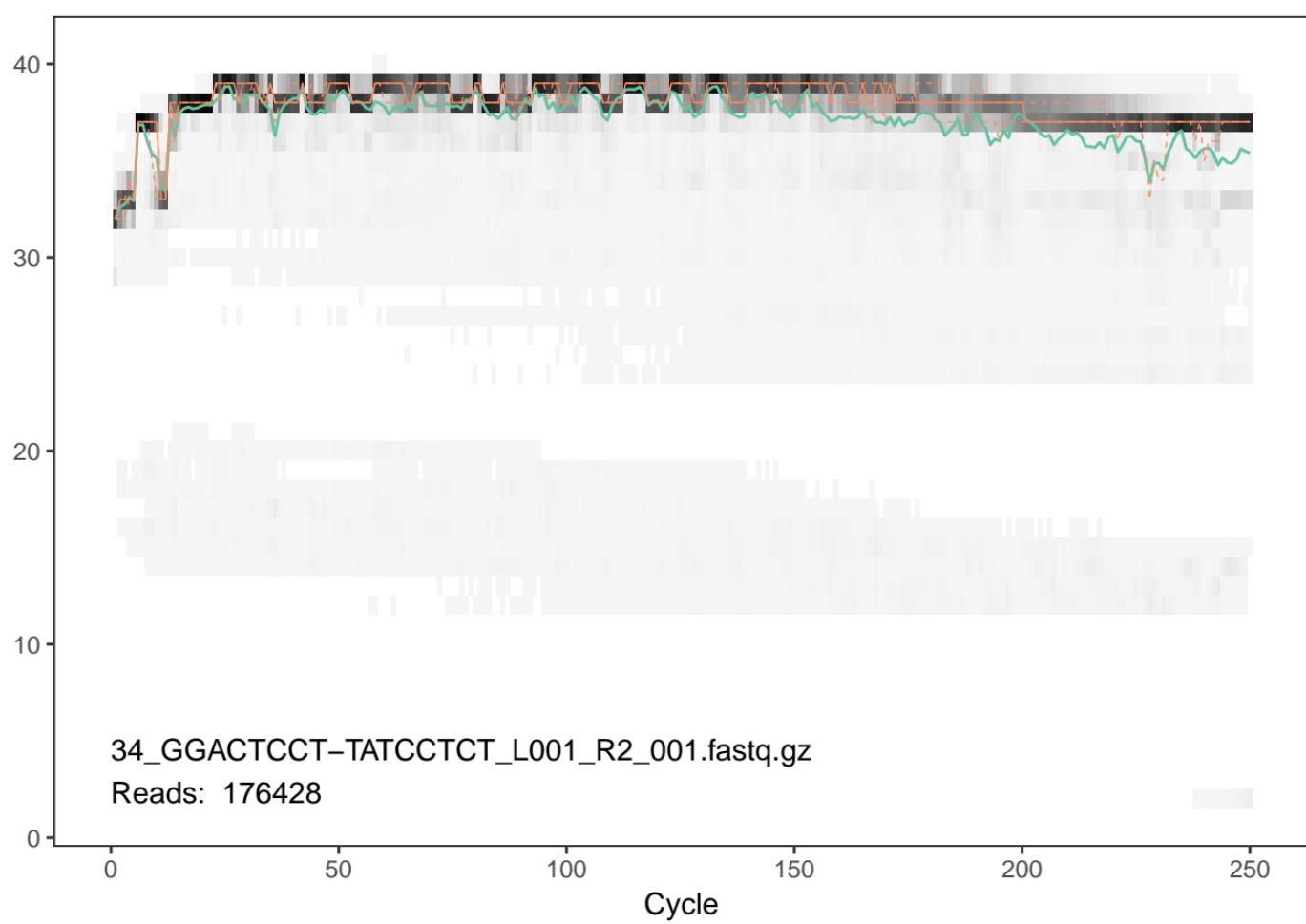
Rev

Quality Score



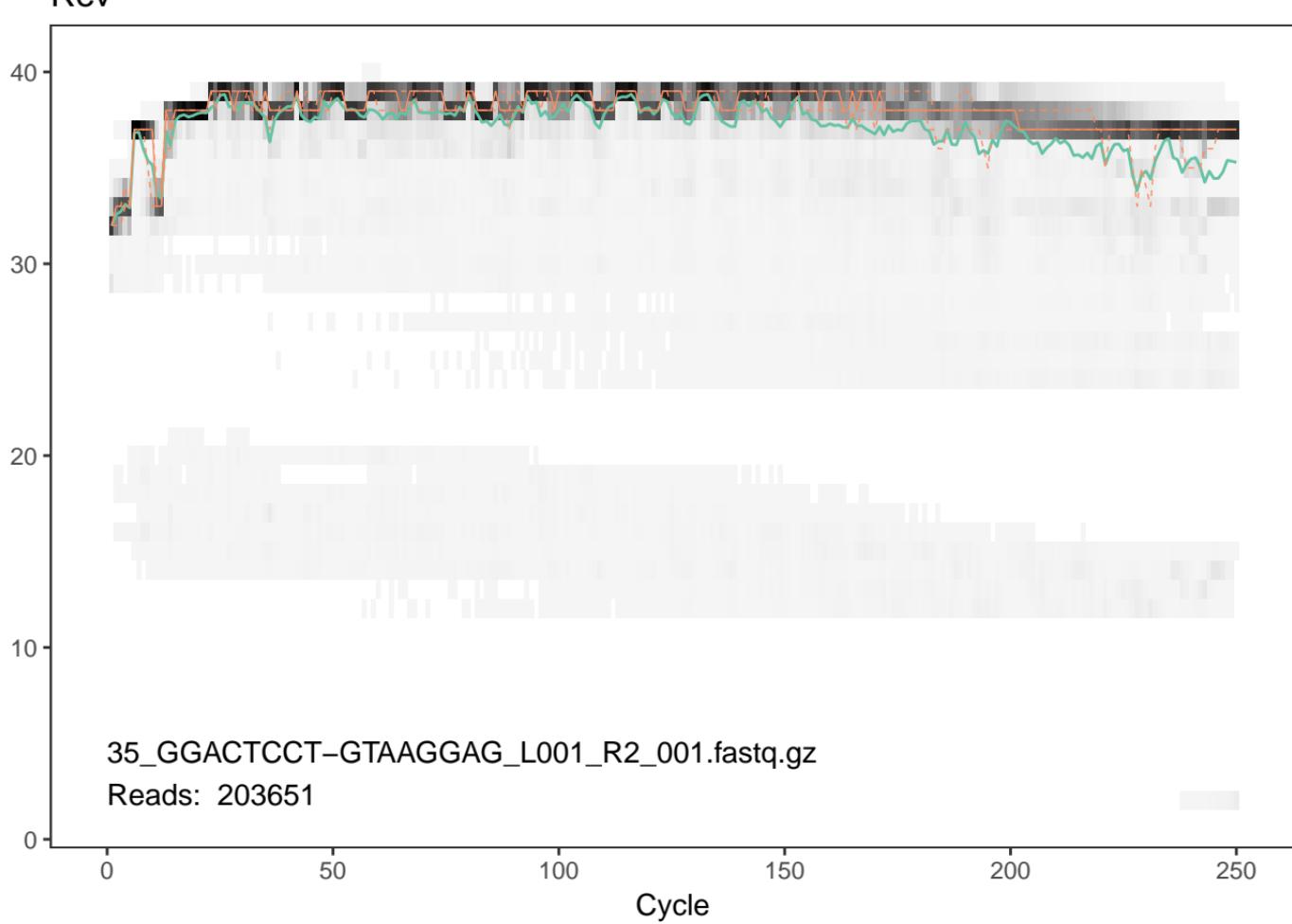
Rev

Quality Score



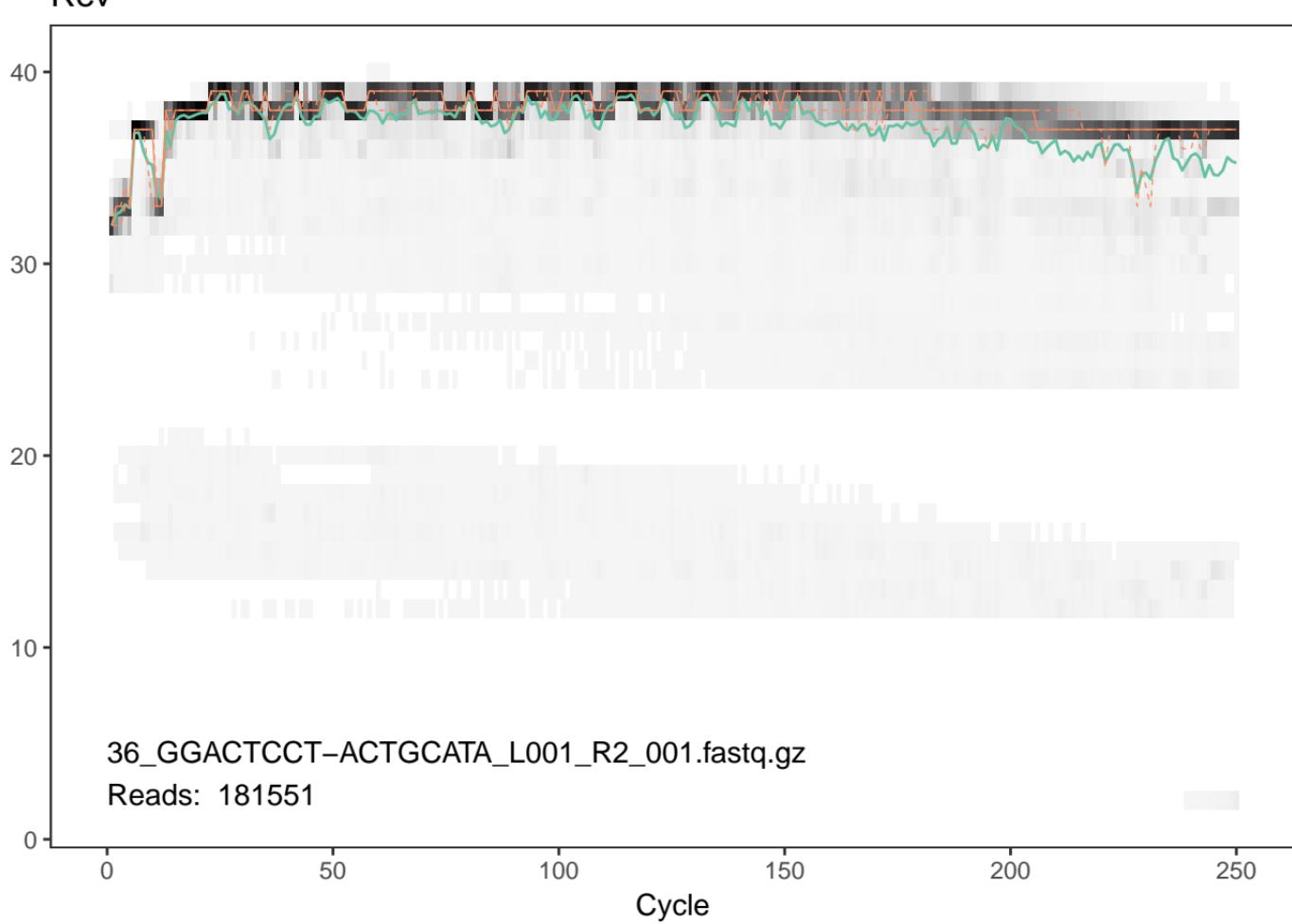
Rev

Quality Score



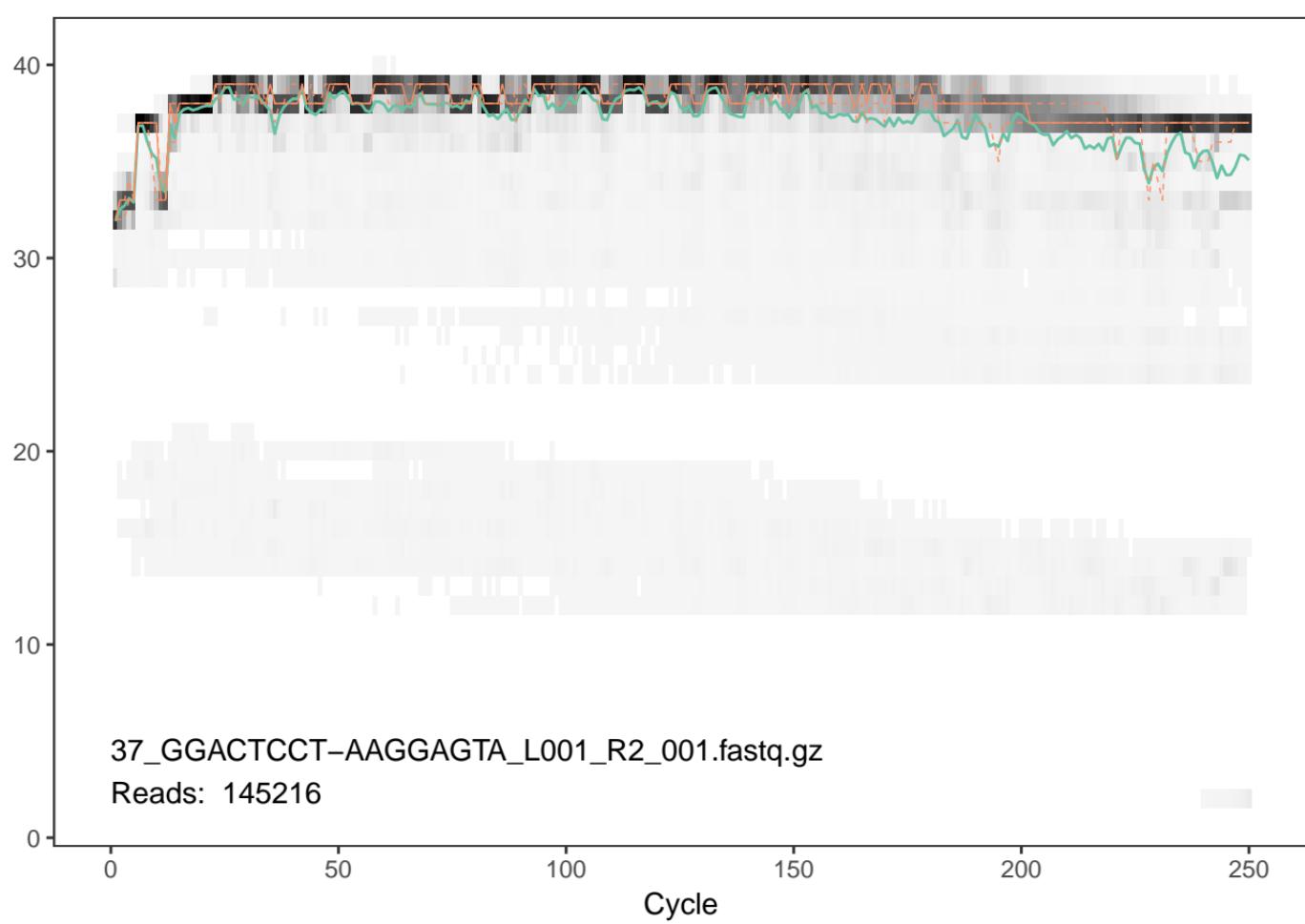
Rev

Quality Score



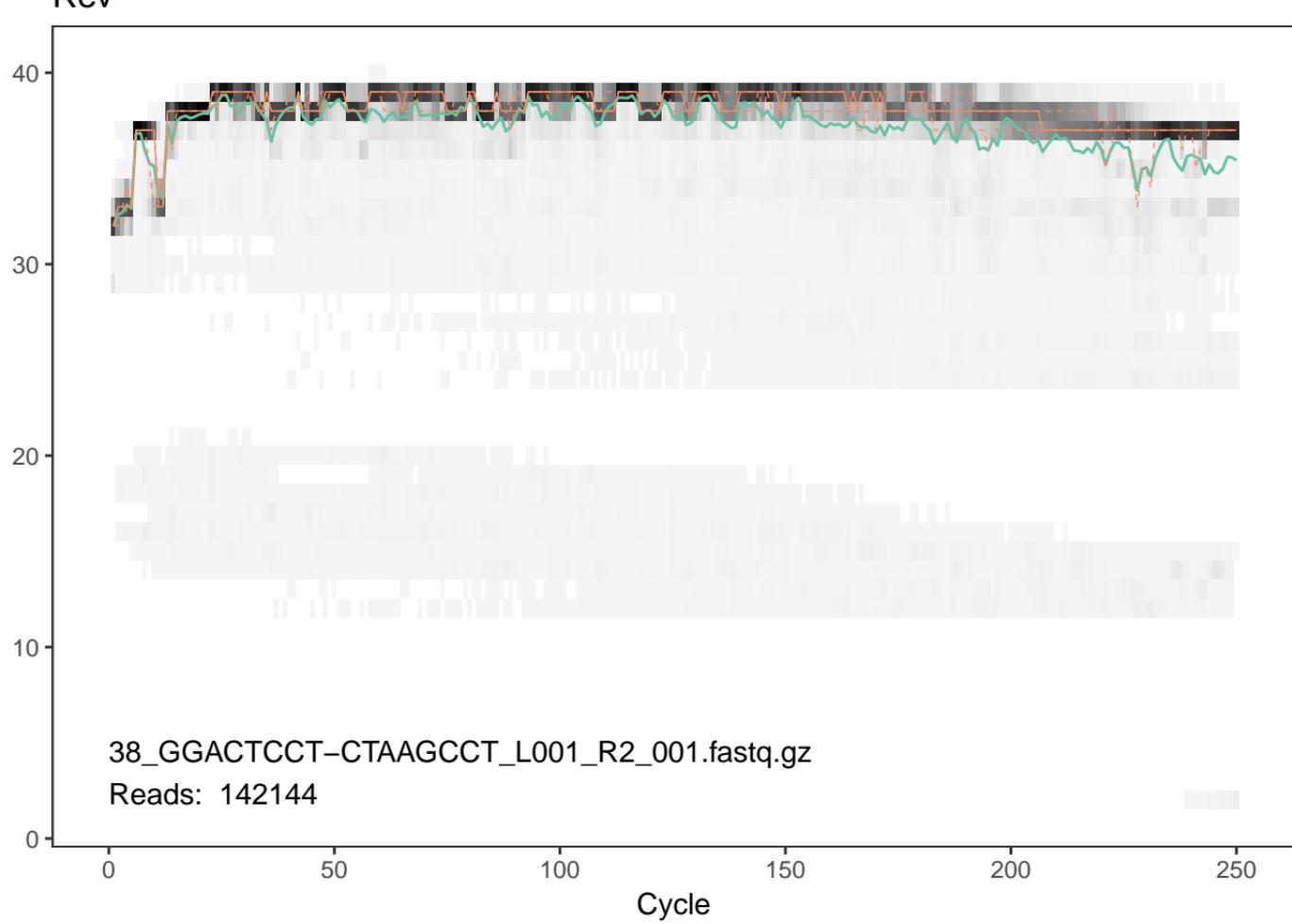
Rev

Quality Score



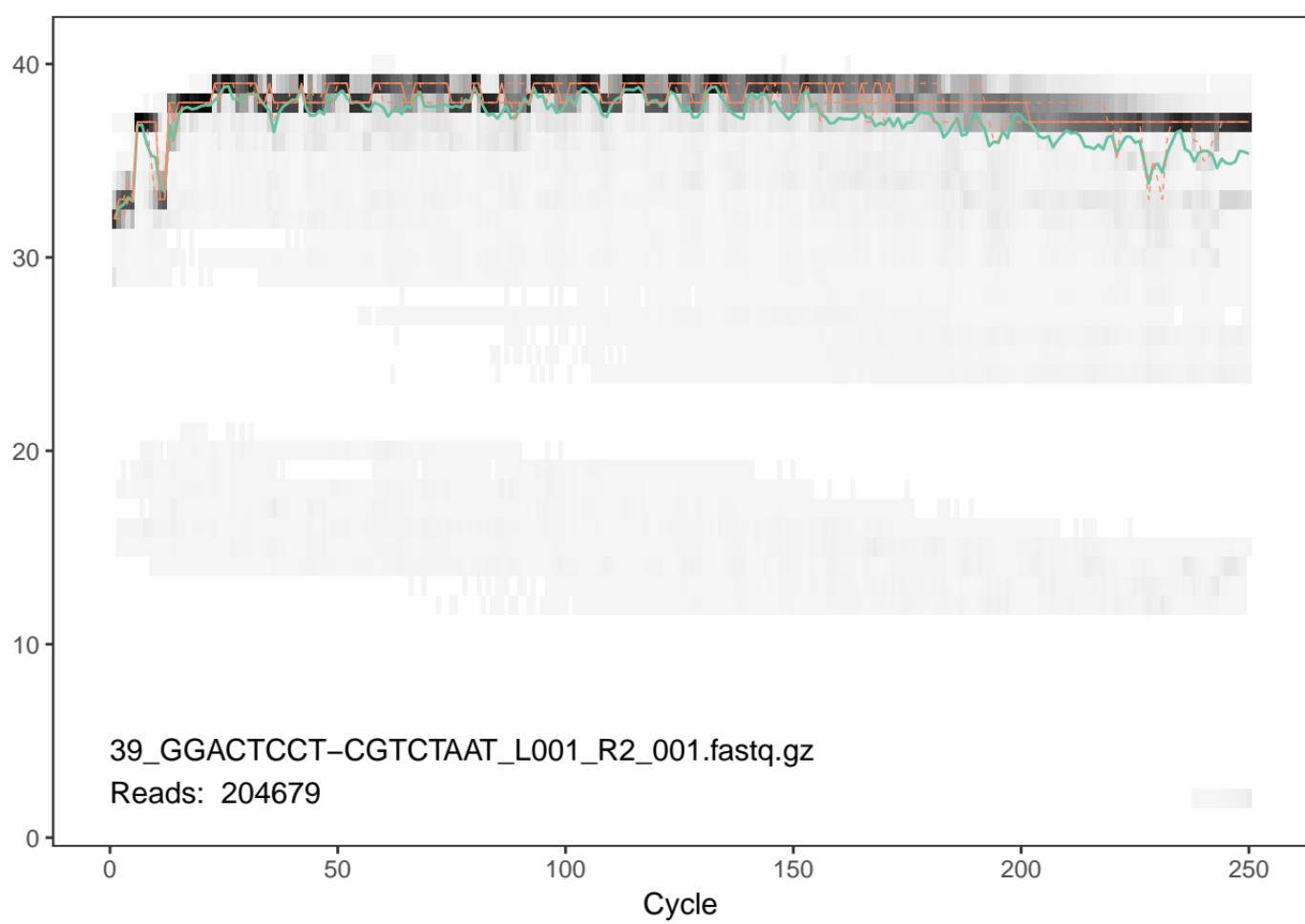
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

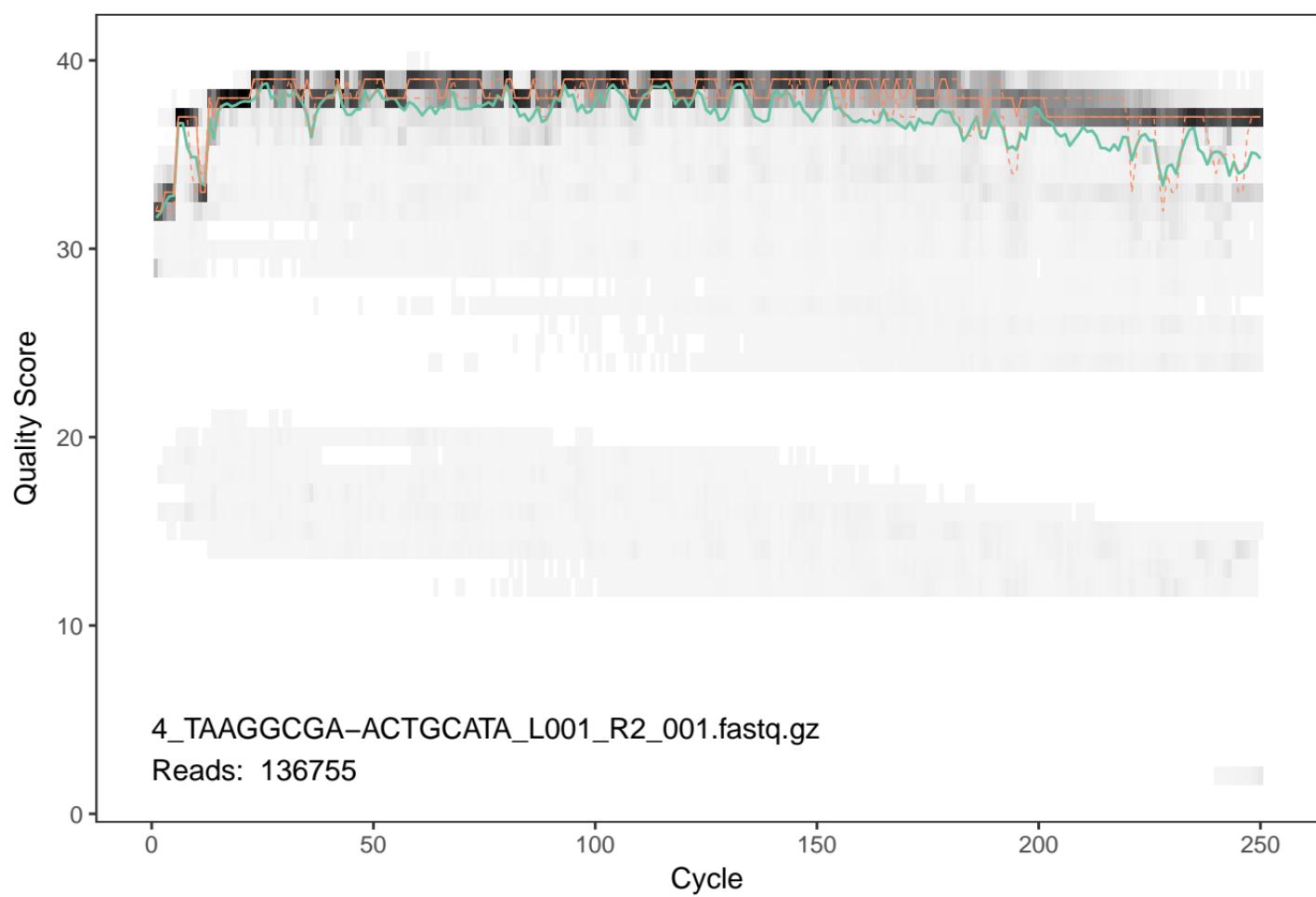
200

250

Cycle

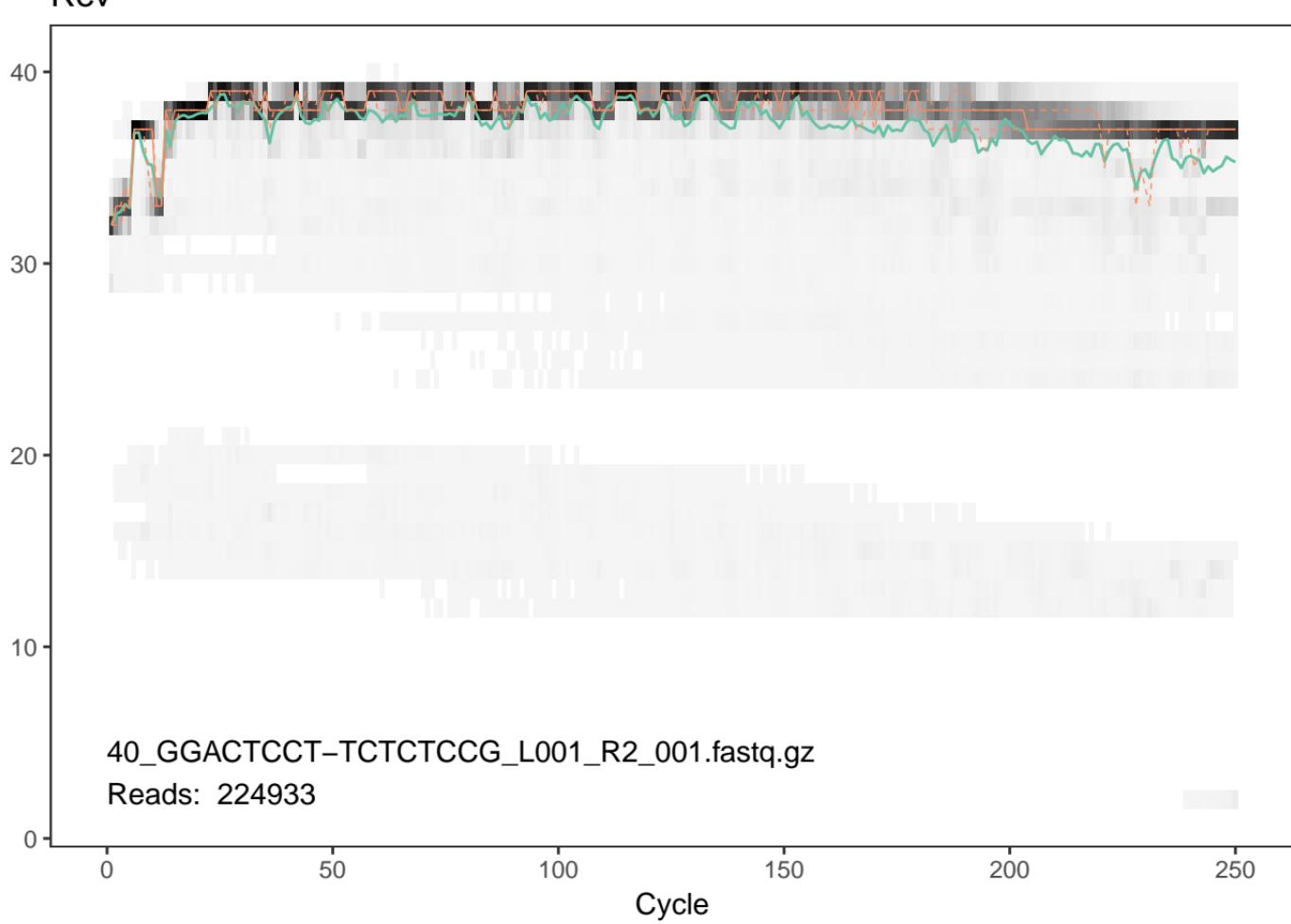
4_TAAGGCGA-ACTGCATA_L001_R2_001.fastq.gz

Reads: 136755



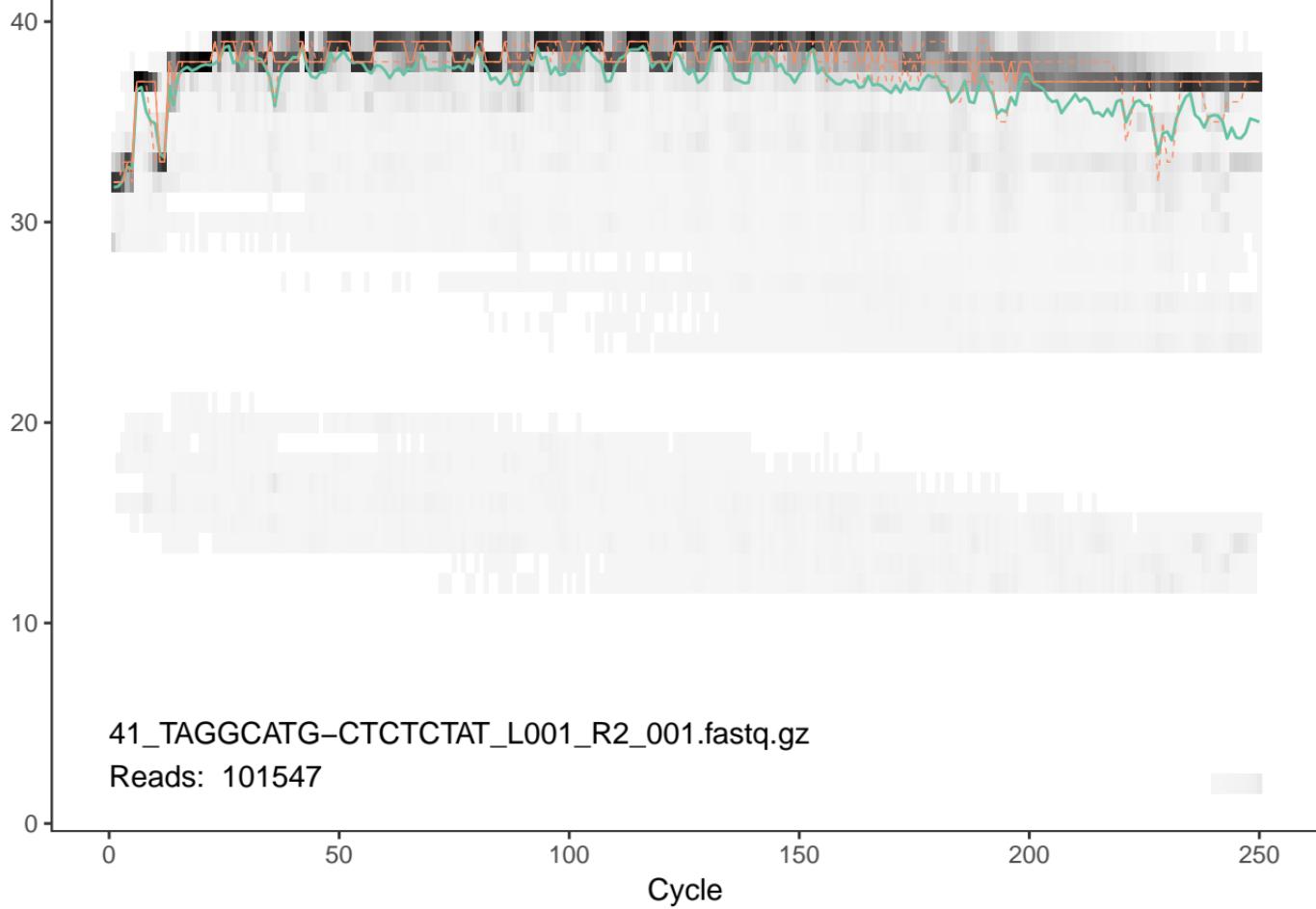
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

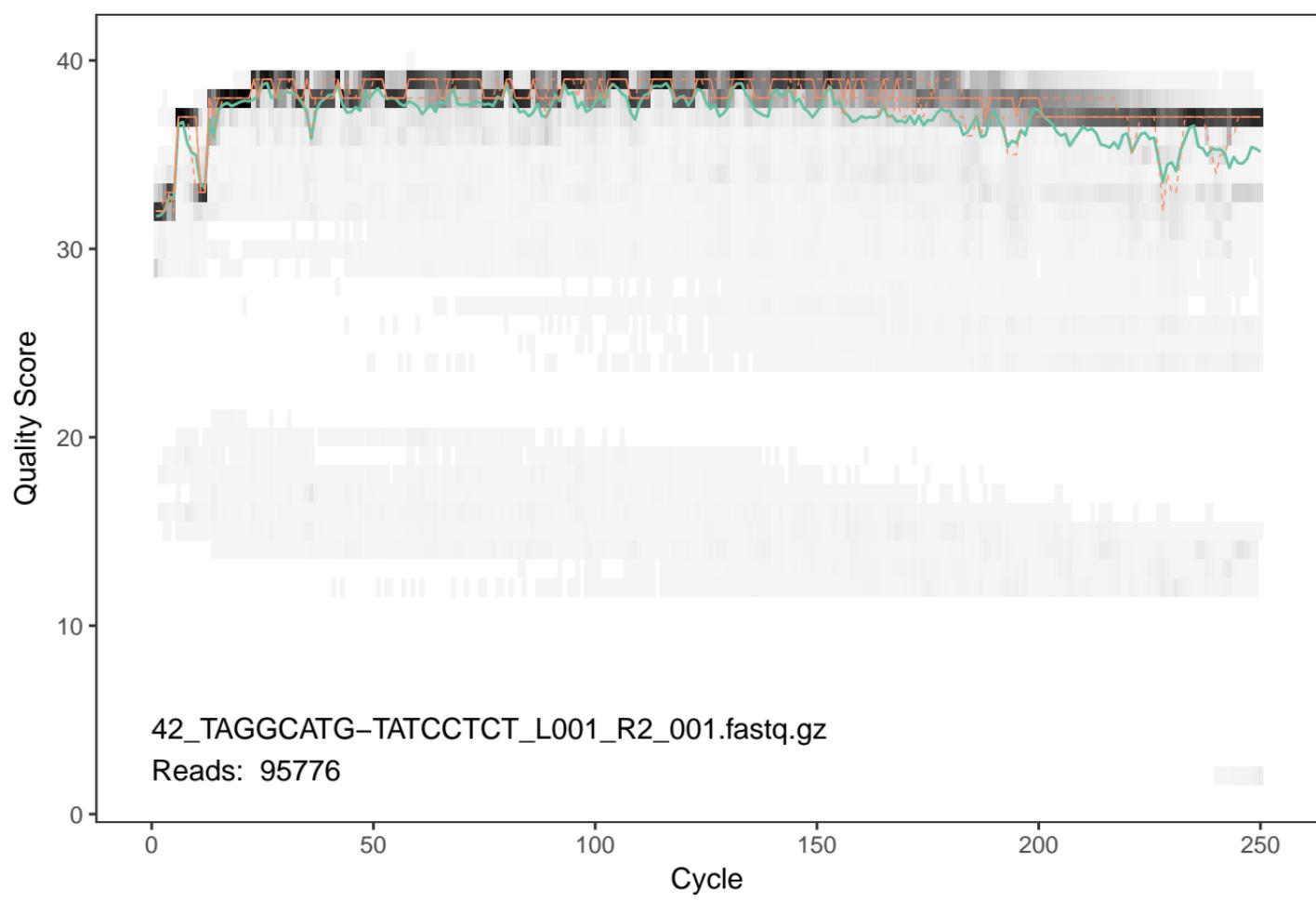
200

250

Cycle

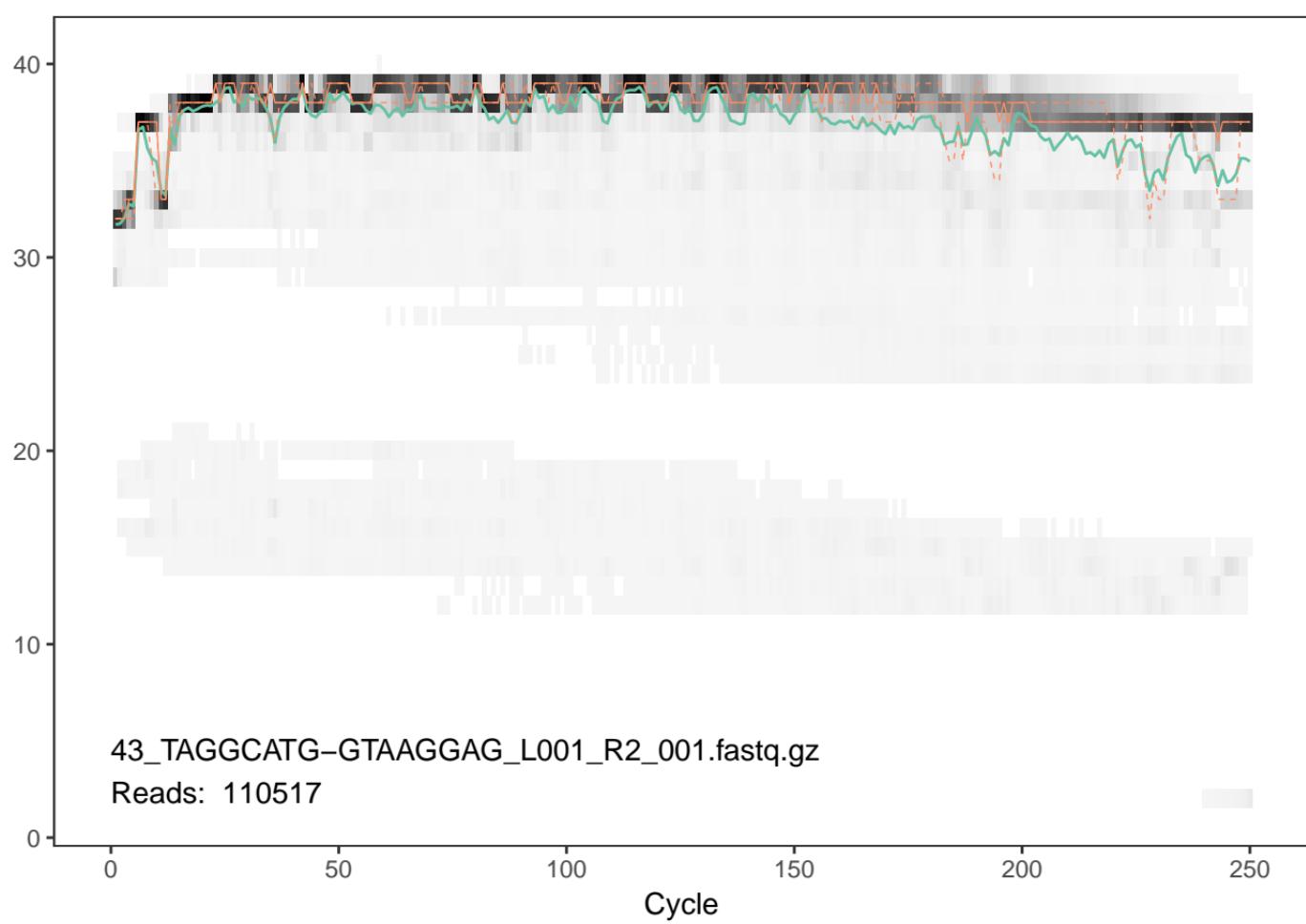
42_TAGGCATG-TATCCTCT_L001_R2_001.fastq.gz

Reads: 95776



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

44_TAGGCATG-ACTGCATA_L001_R2_001.fastq.gz

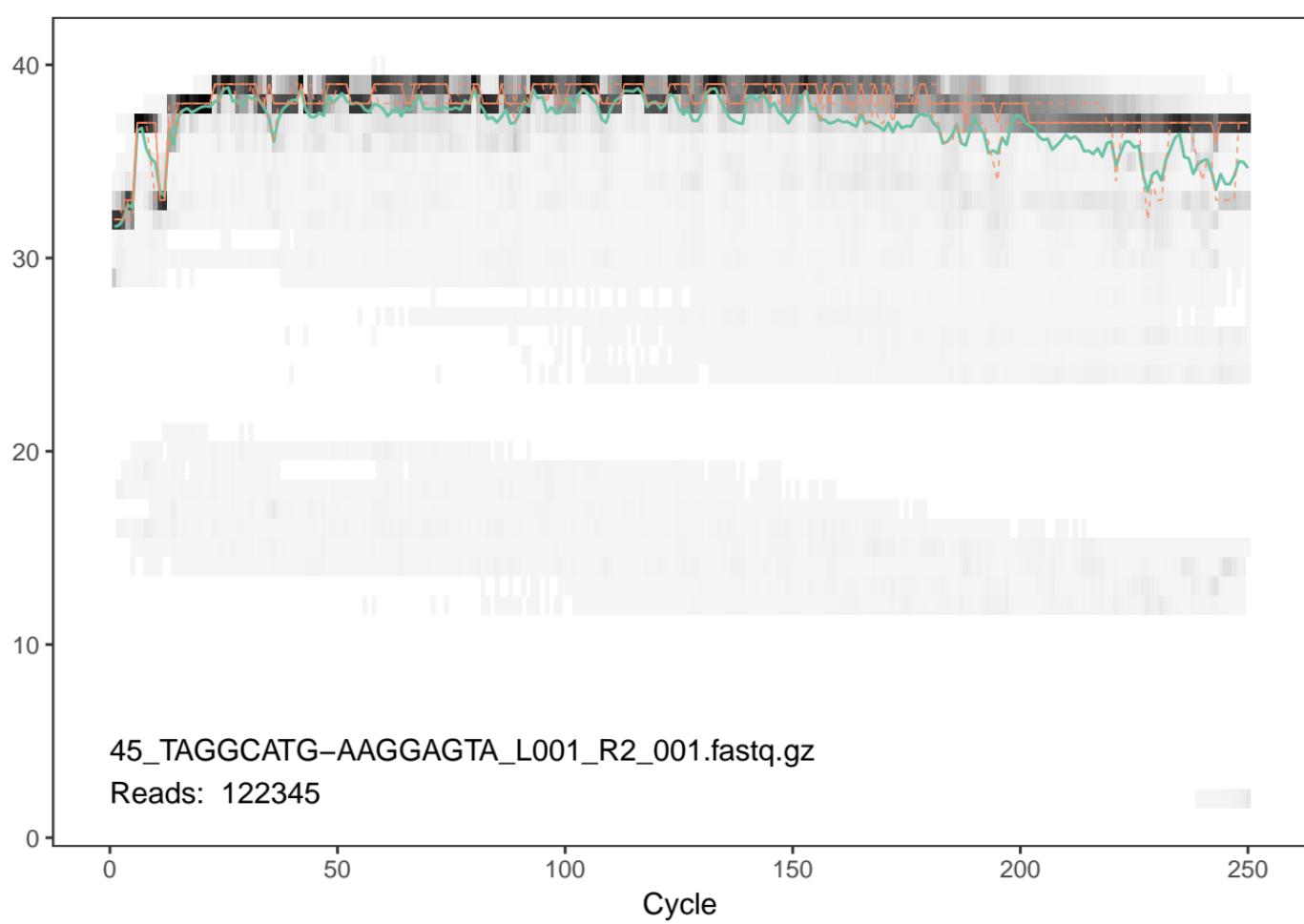
Reads: 149471

Cycle



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

46_TAGGCATG-CTAAGCCT_L001_R2_001.fastq.gz

Reads: 91610

0

50

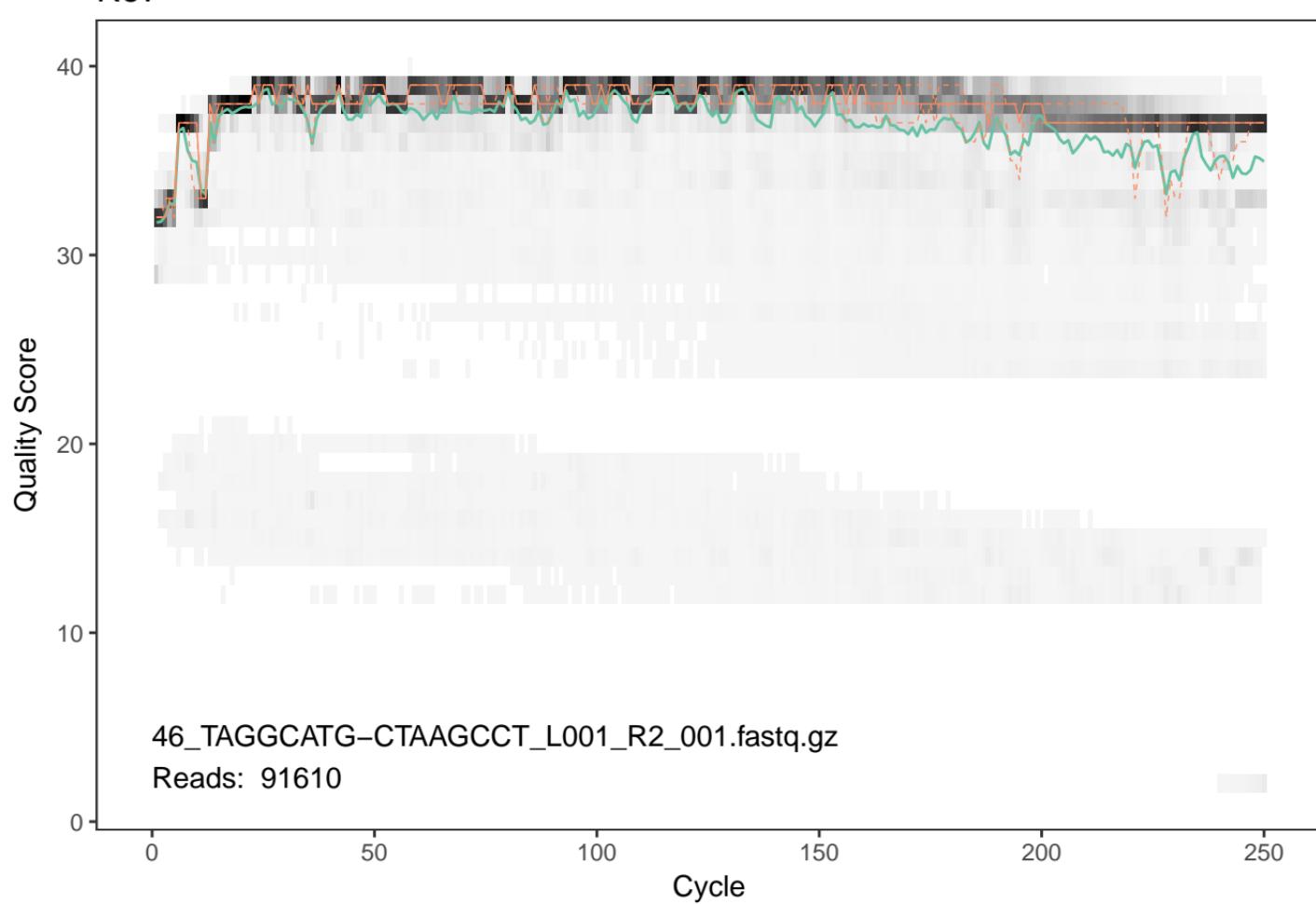
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

10

0

50

100

150

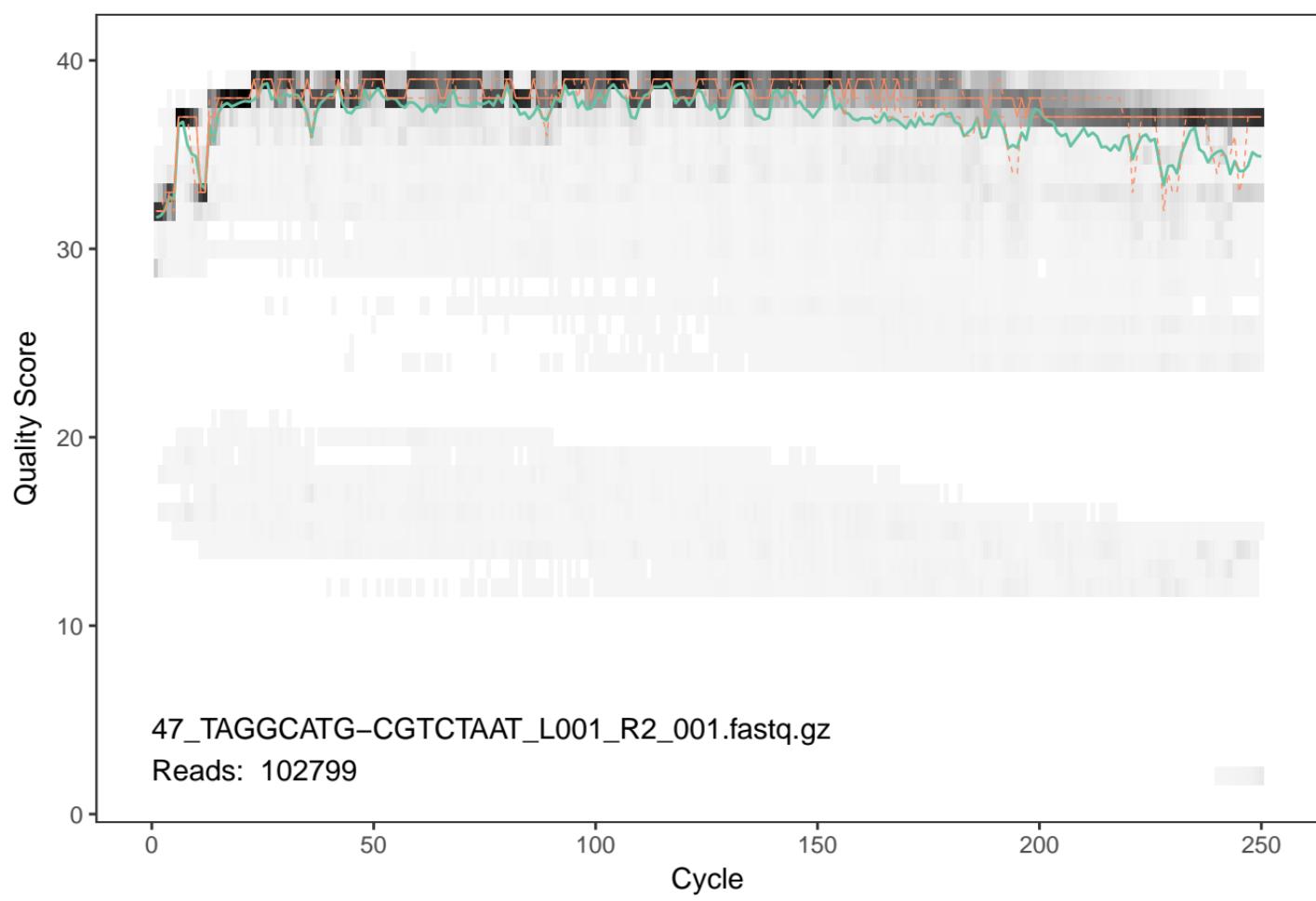
200

250

Cycle

47_TAGGCATG-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 102799



Rev

Quality Score

40

30

20

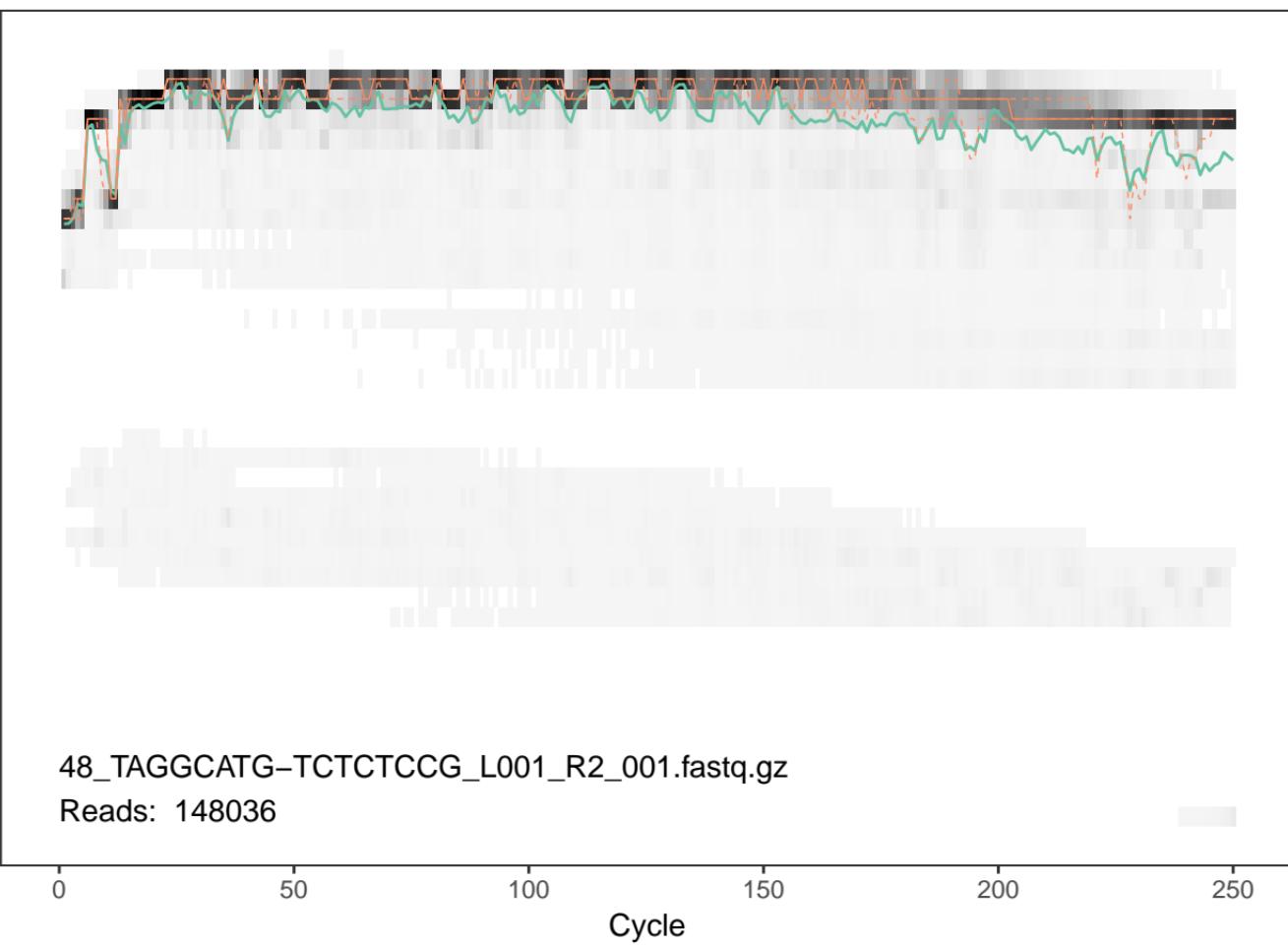
10

0

Cycle

48_TAGGCATG-TCTCTCCG_L001_R2_001.fastq.gz

Reads: 148036



Rev

Quality Score

40

30

20

10

0

49_CTCTCTAC-CTCTCTAT_L001_R2_001.fastq.gz

Reads: 240960

0

50

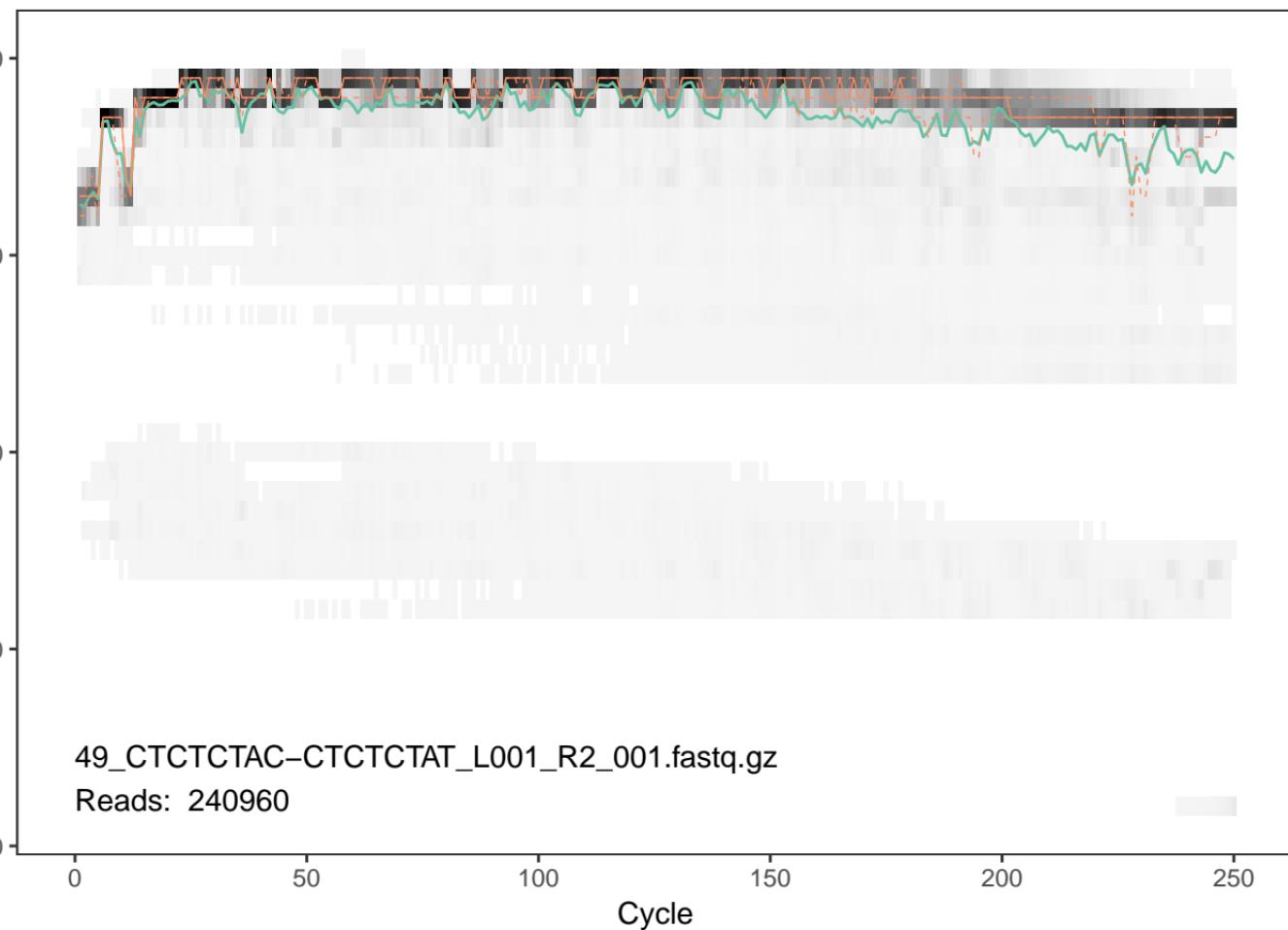
100

150

200

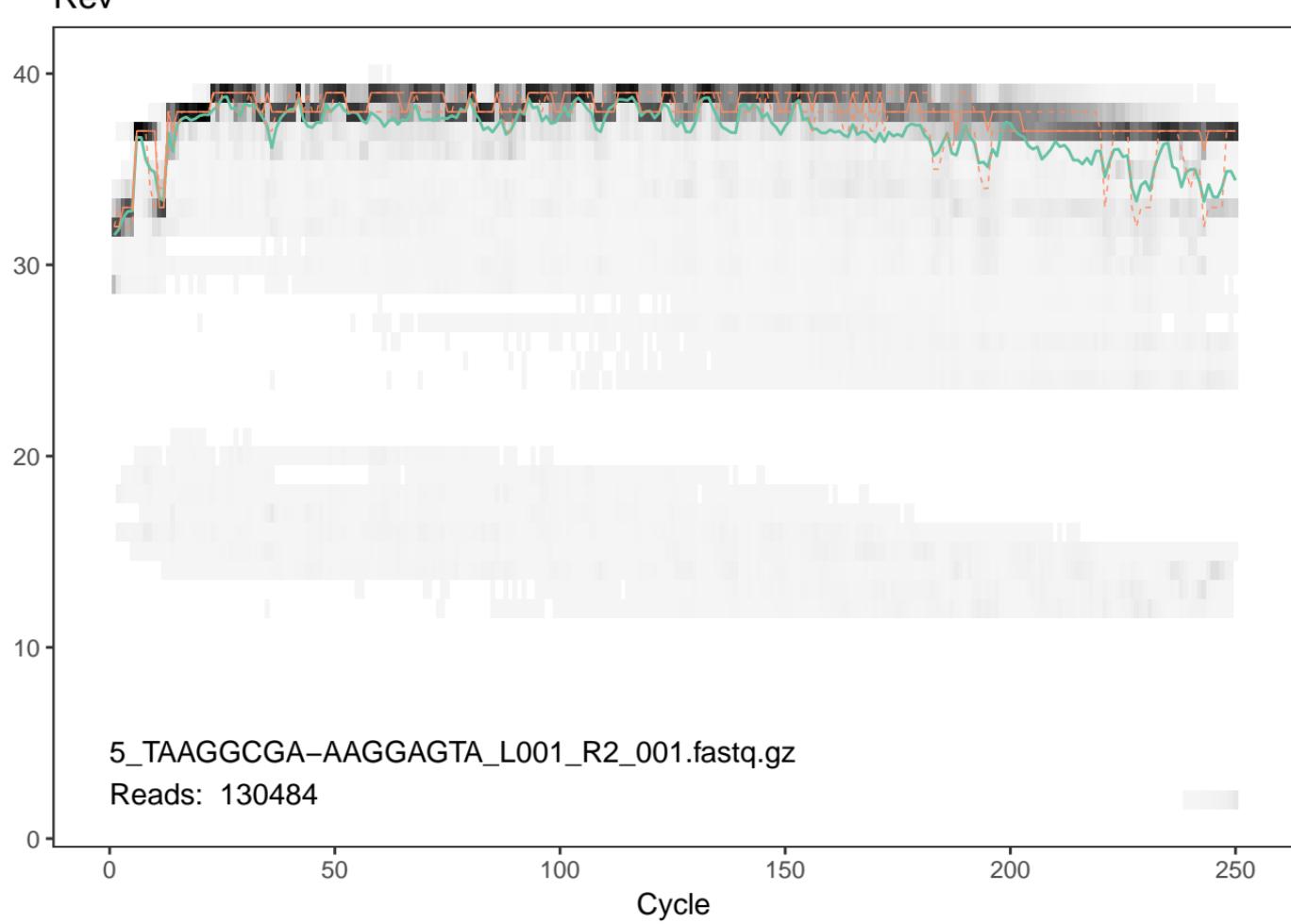
250

Cycle



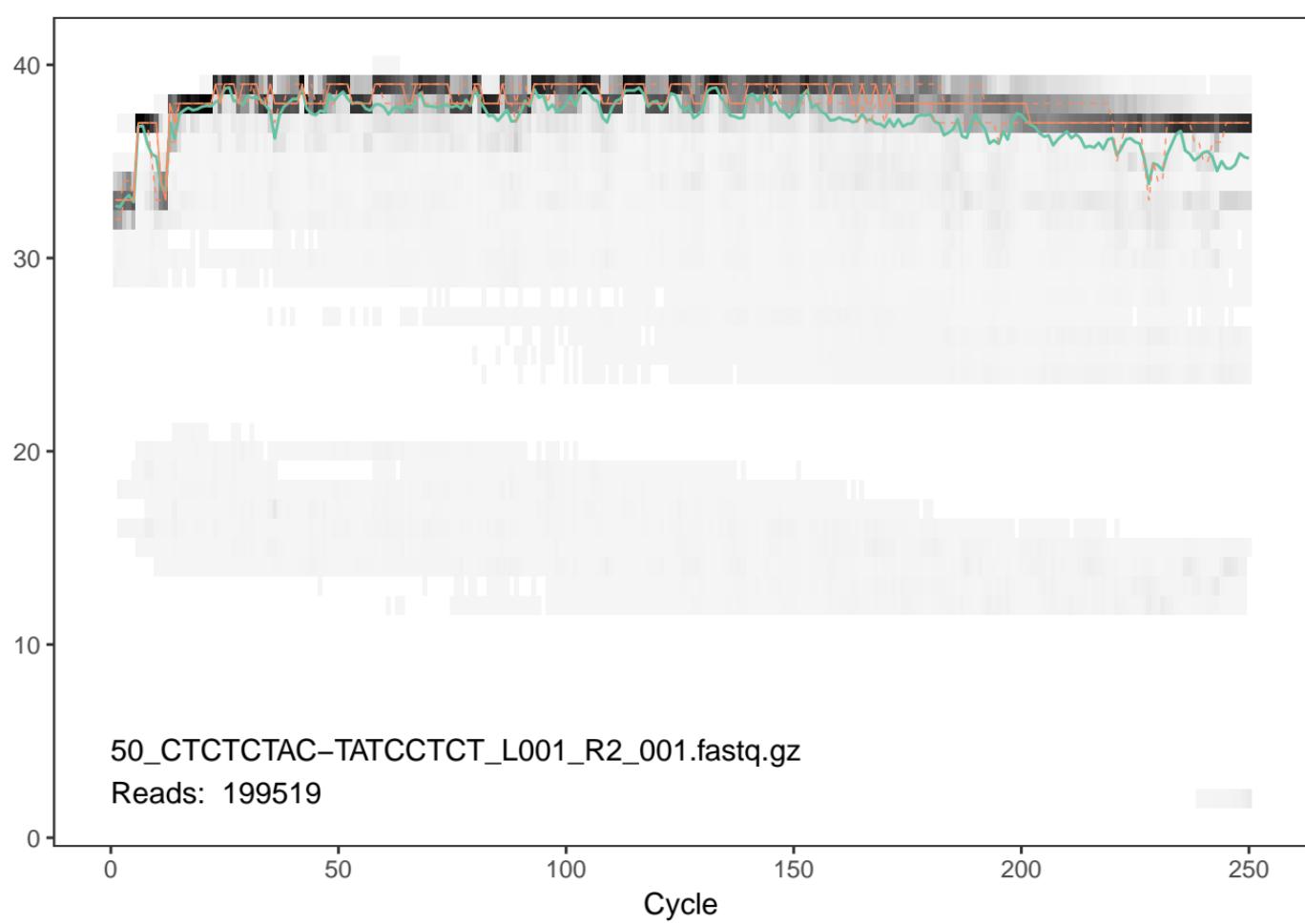
Rev

Quality Score



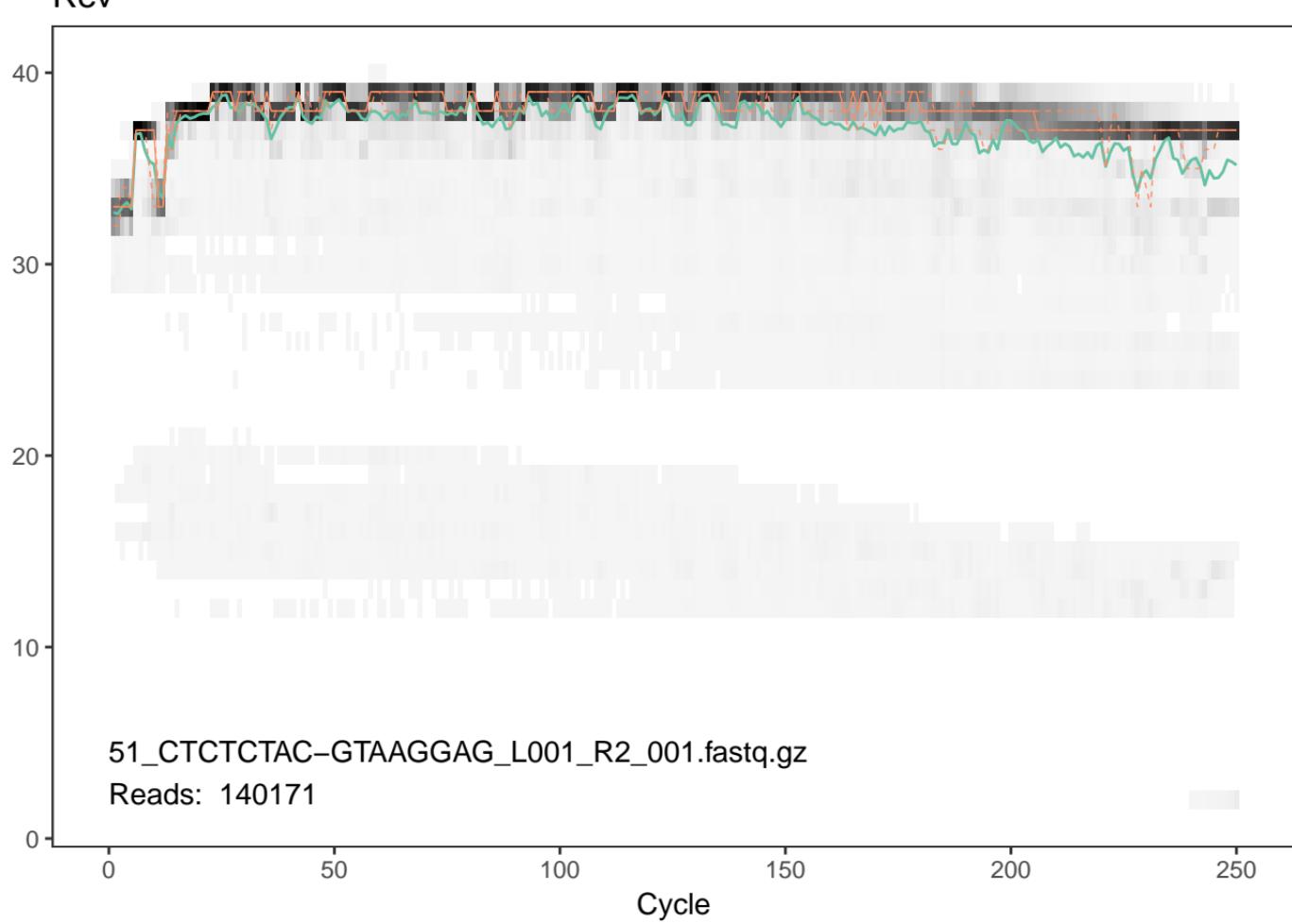
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

52_C TCTCTAC-ACTGCATA_L001_R2_001.fastq.gz

Reads: 182926

0

50

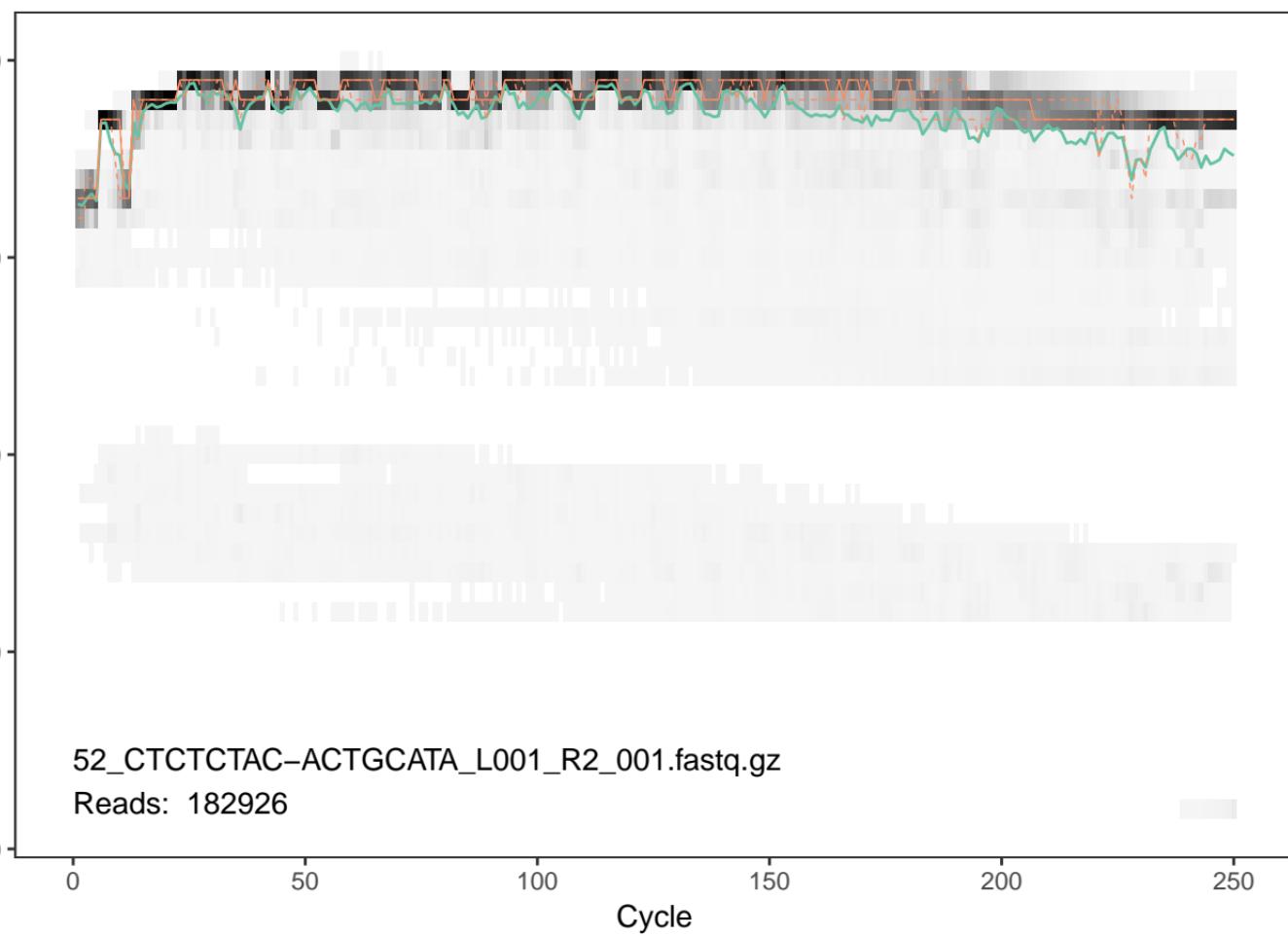
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

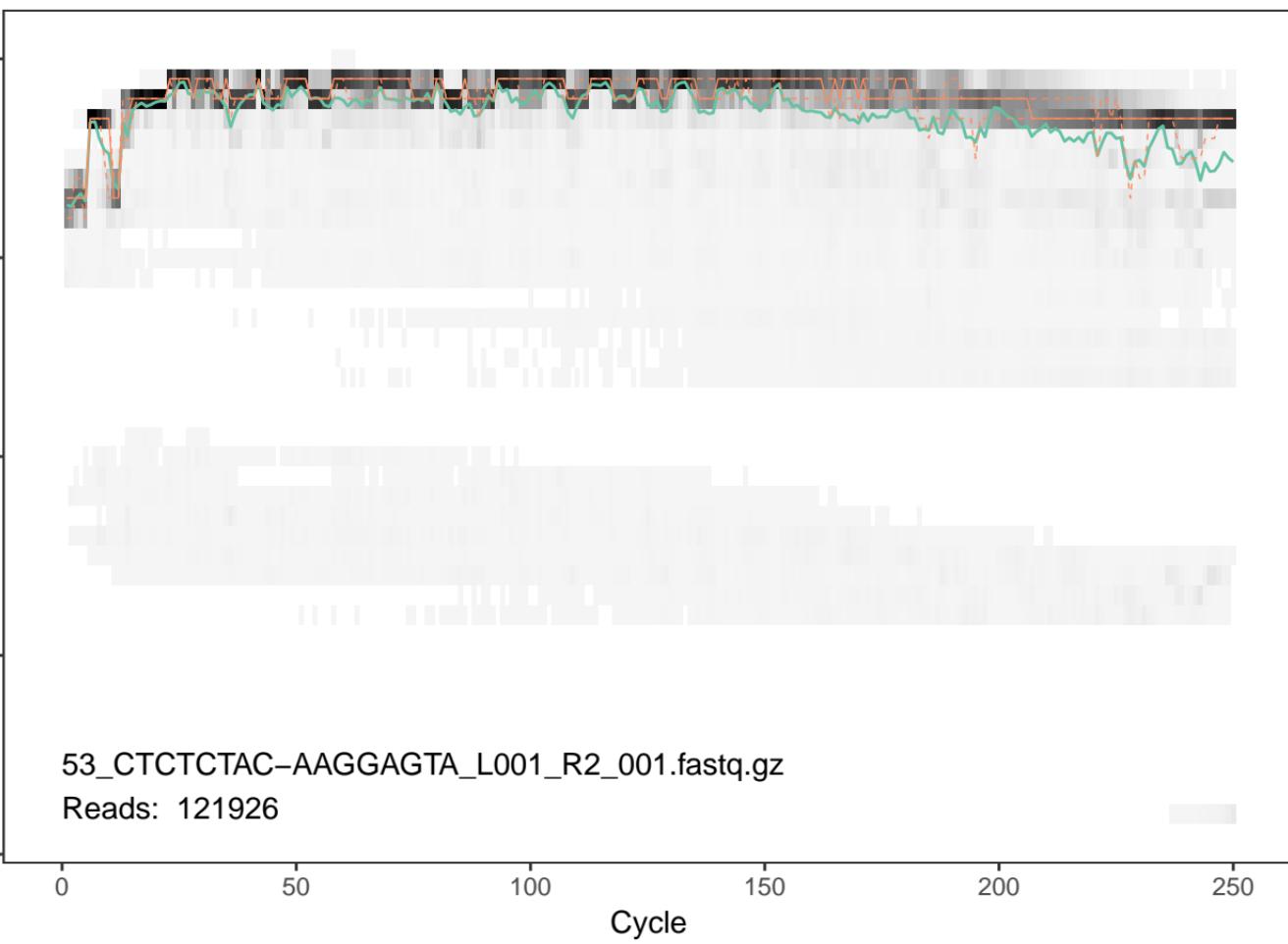
10

0

Cycle

53_C TCTCTAC-AAGGAGTA_L001_R2_001.fastq.gz

Reads: 121926



Rev

Quality Score

40

30

20

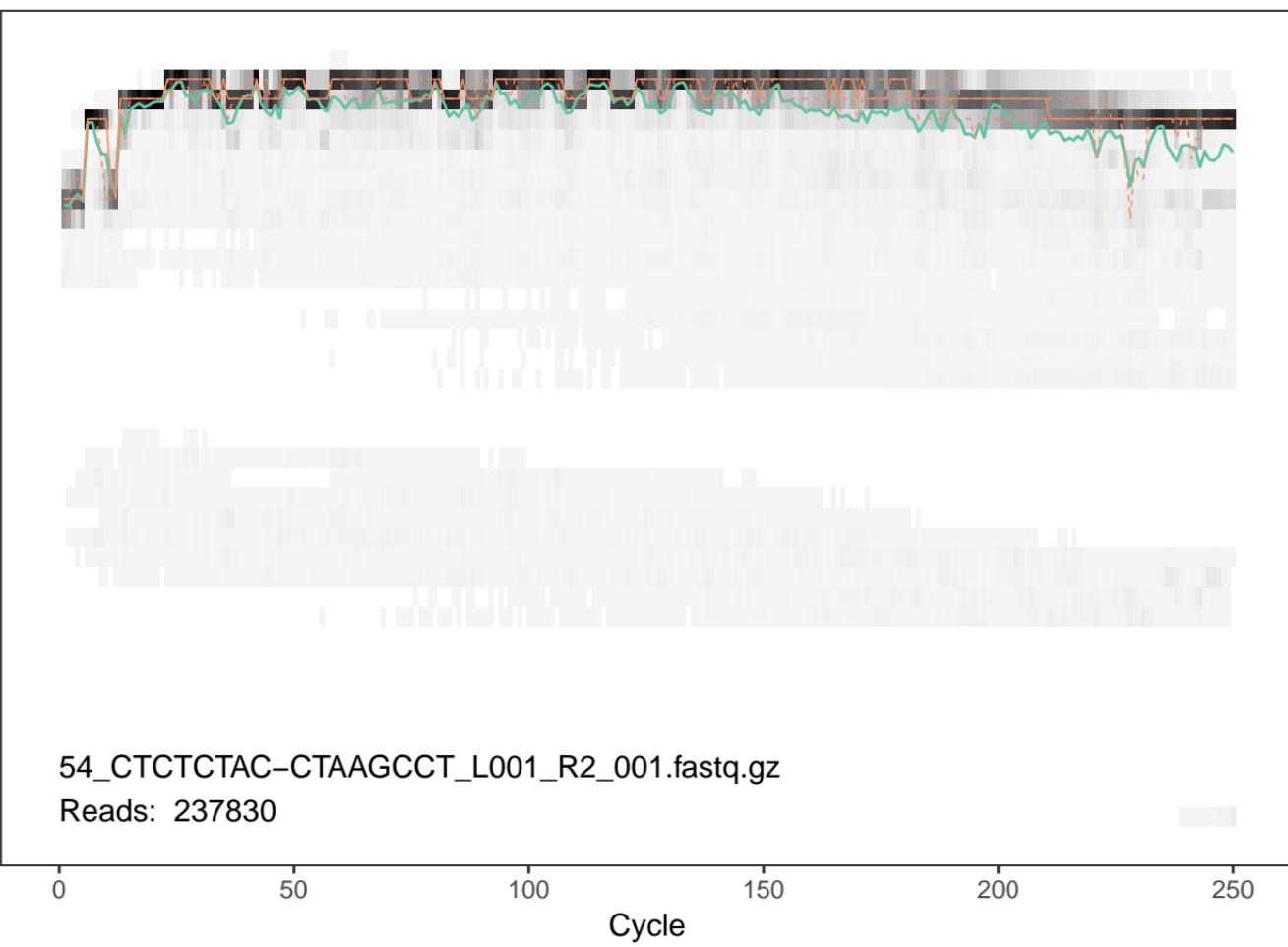
10

0

Cycle

54_CTCTCTAC-CTAAGCCT_L001_R2_001.fastq.gz

Reads: 237830



Rev

Quality Score

40

30

20

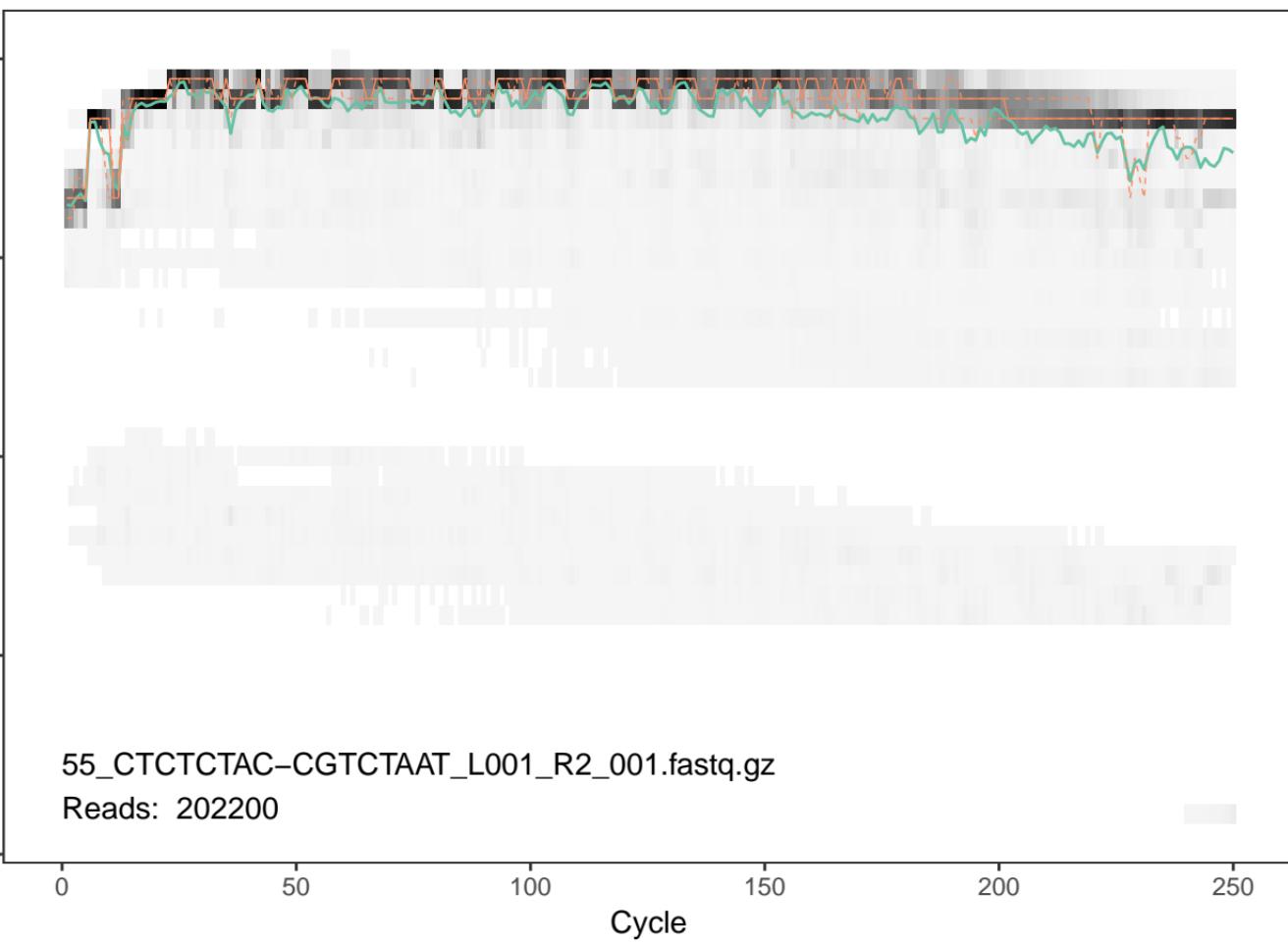
10

0

Cycle

55_C TCTCTAC-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 202200



Rev

Quality Score

40

30

20

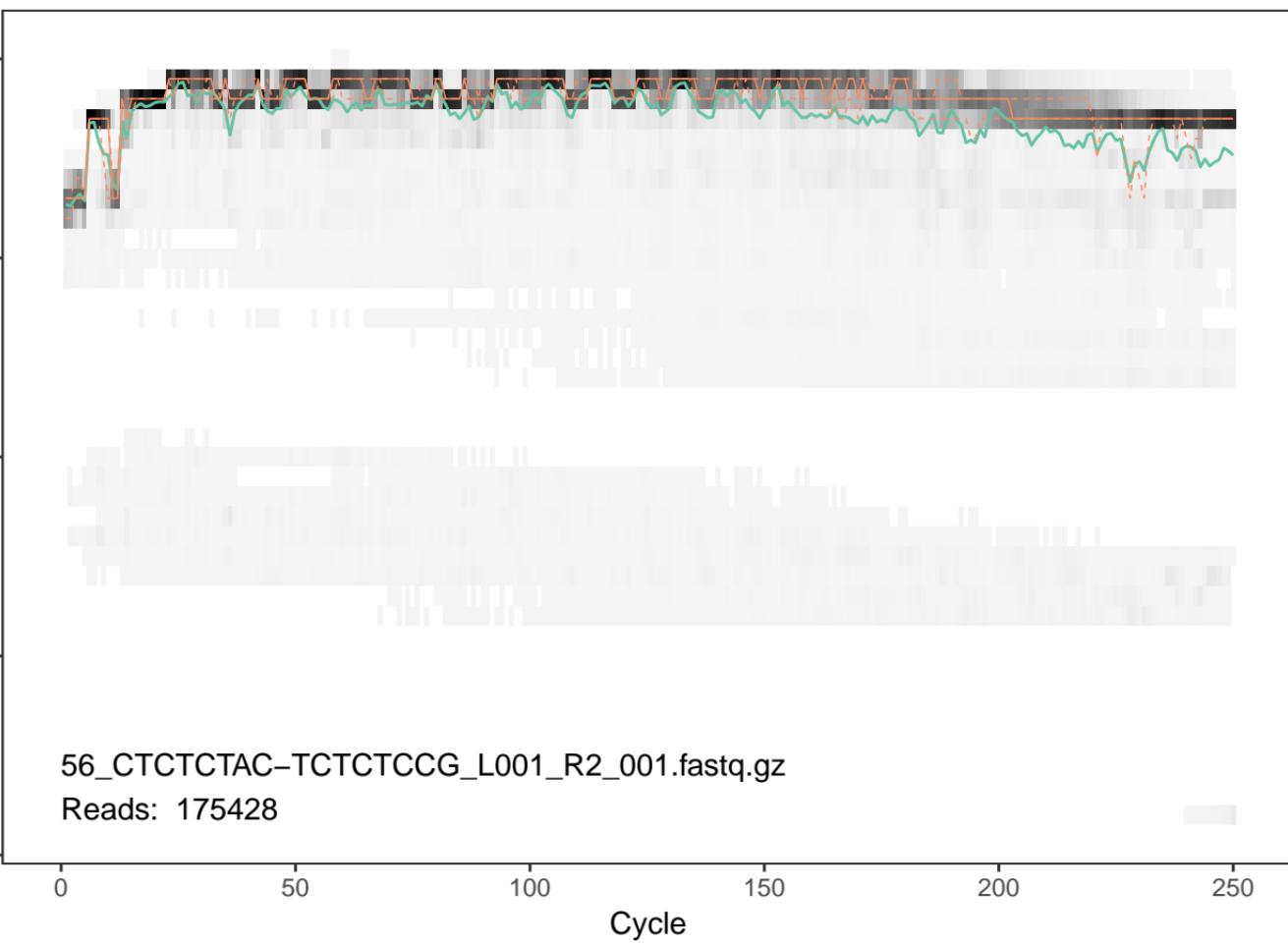
10

0

Cycle

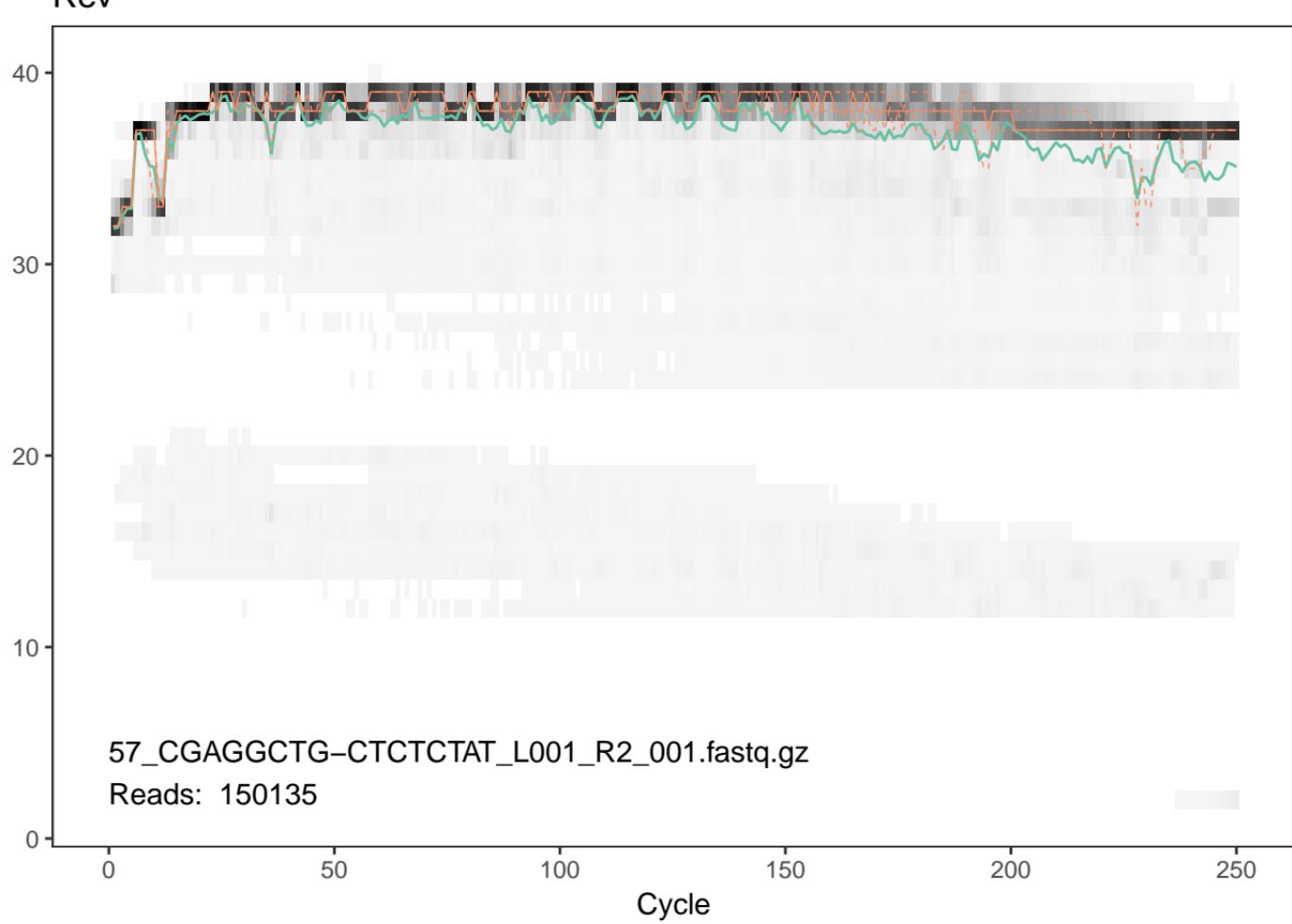
56_C TCTCTAC-TCTCTCCG_L001_R2_001.fastq.gz

Reads: 175428



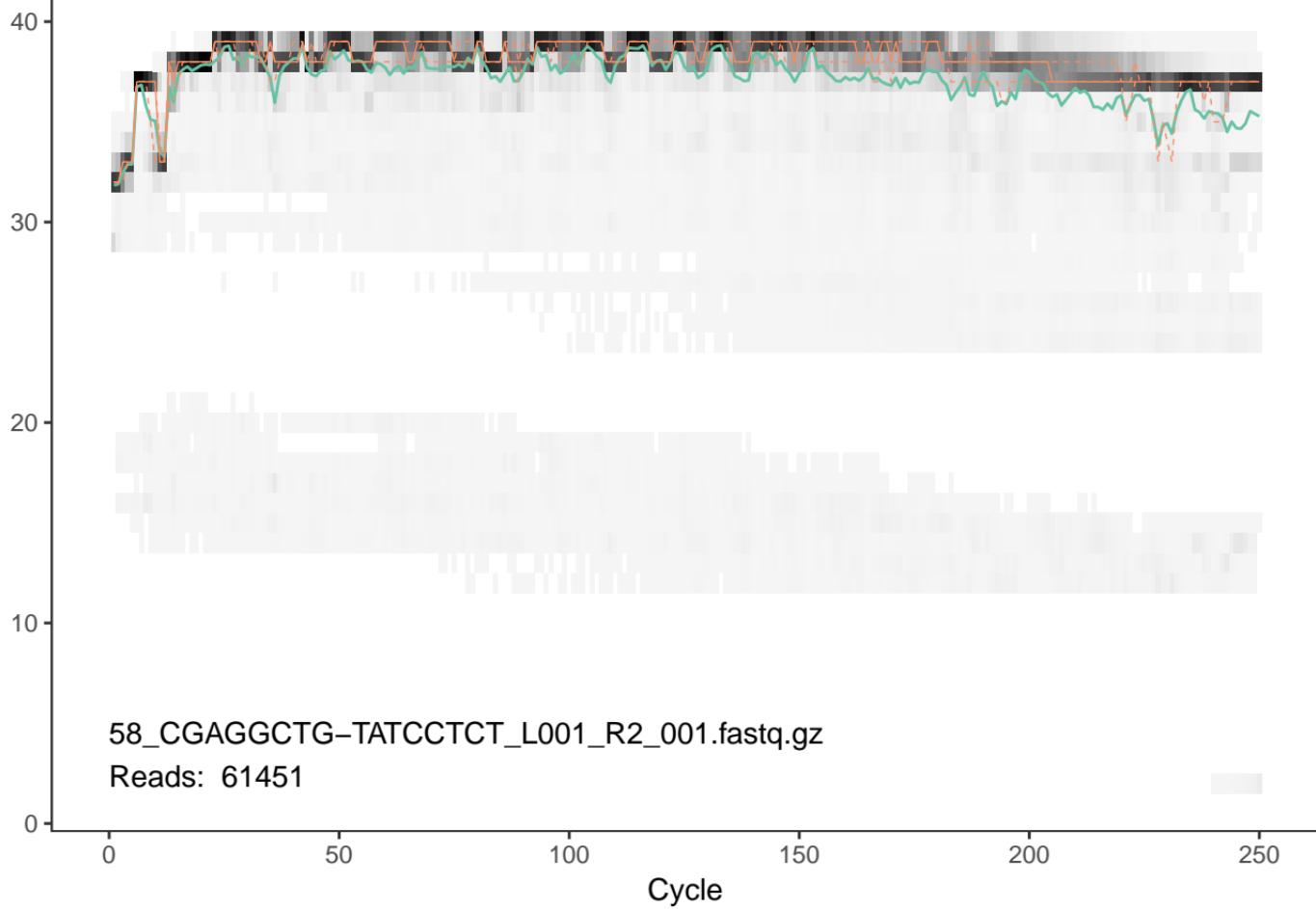
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

59_CGAGGCTG-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 103606

0

50

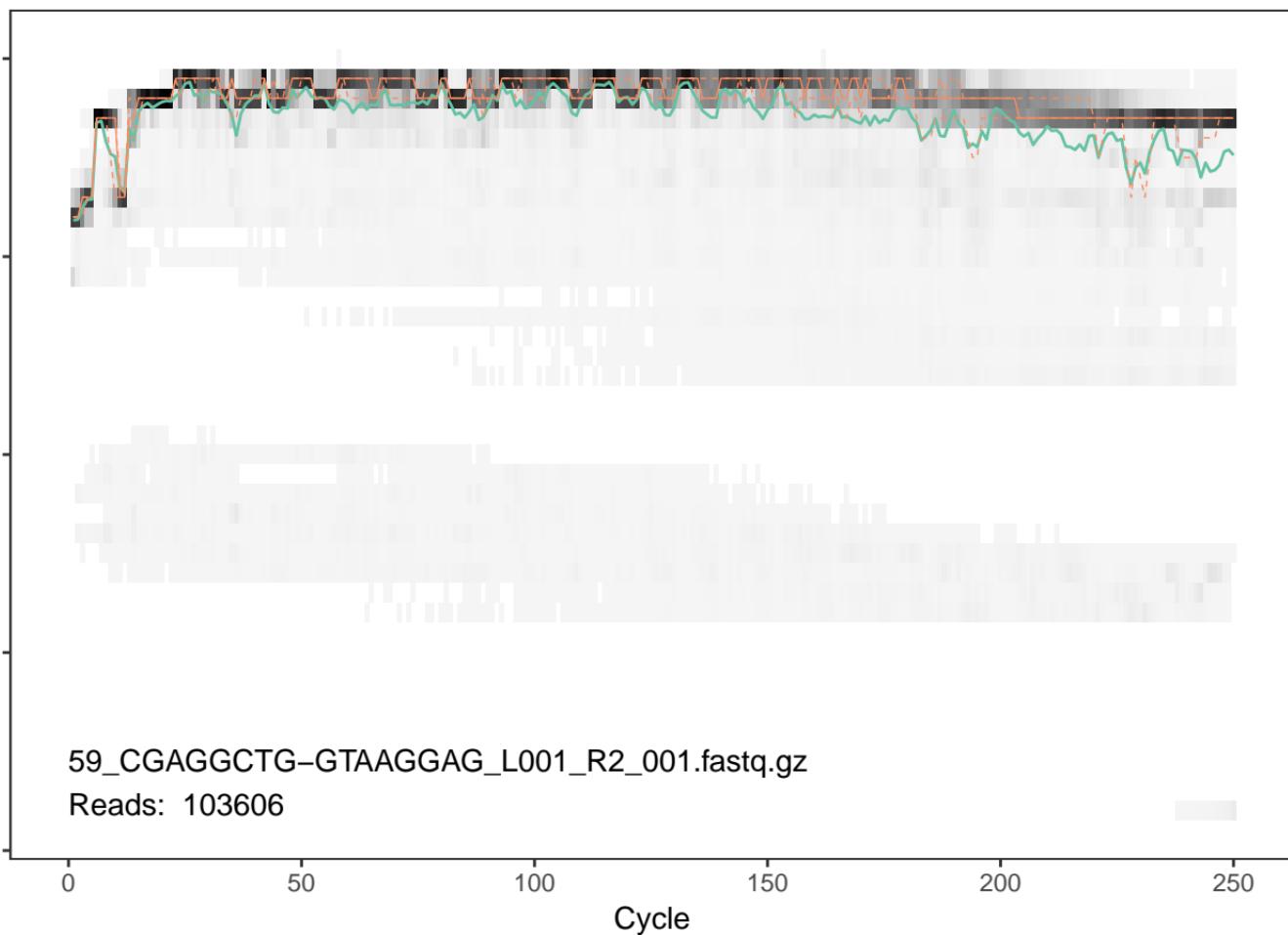
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

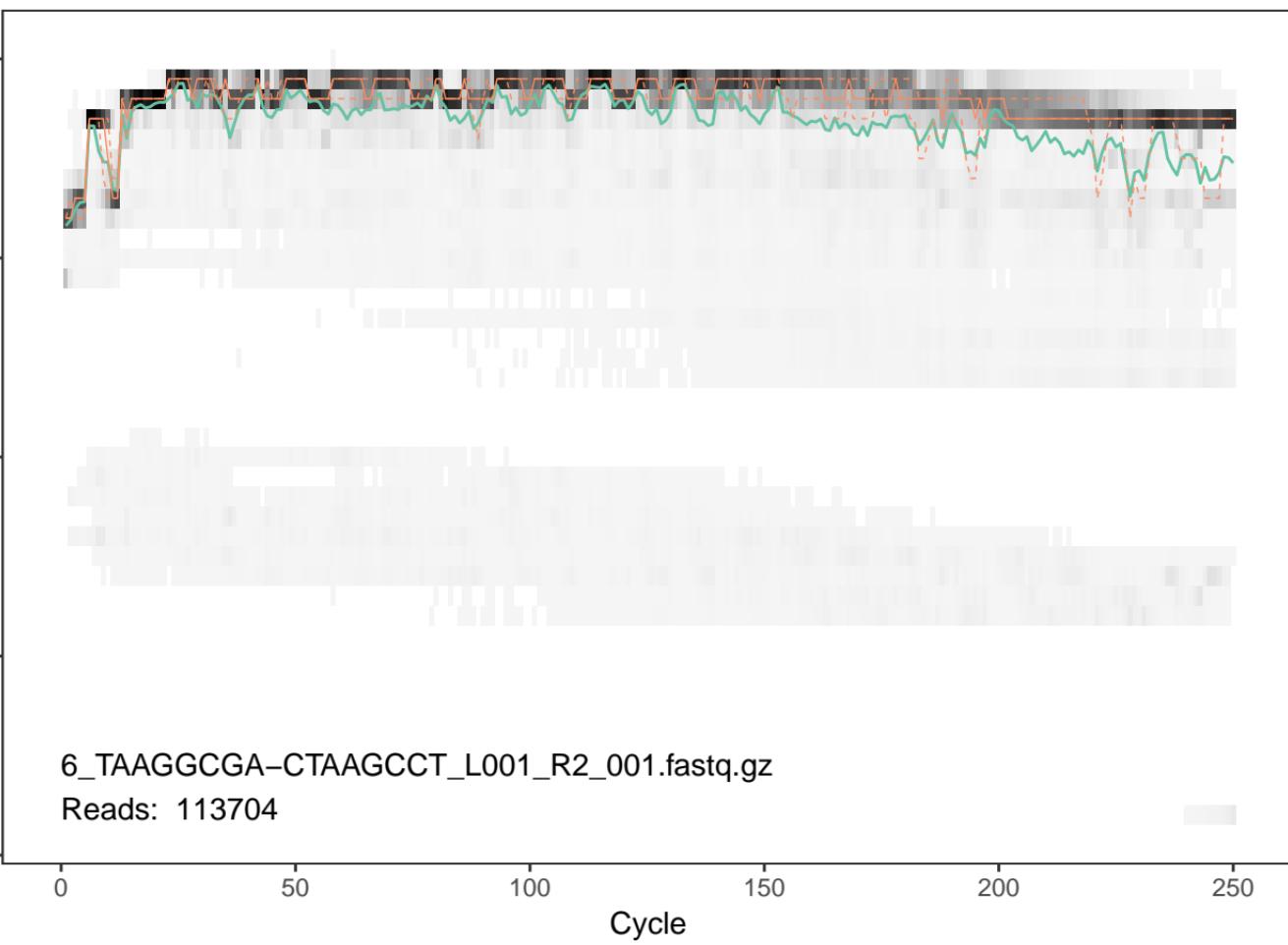
10

0

Cycle

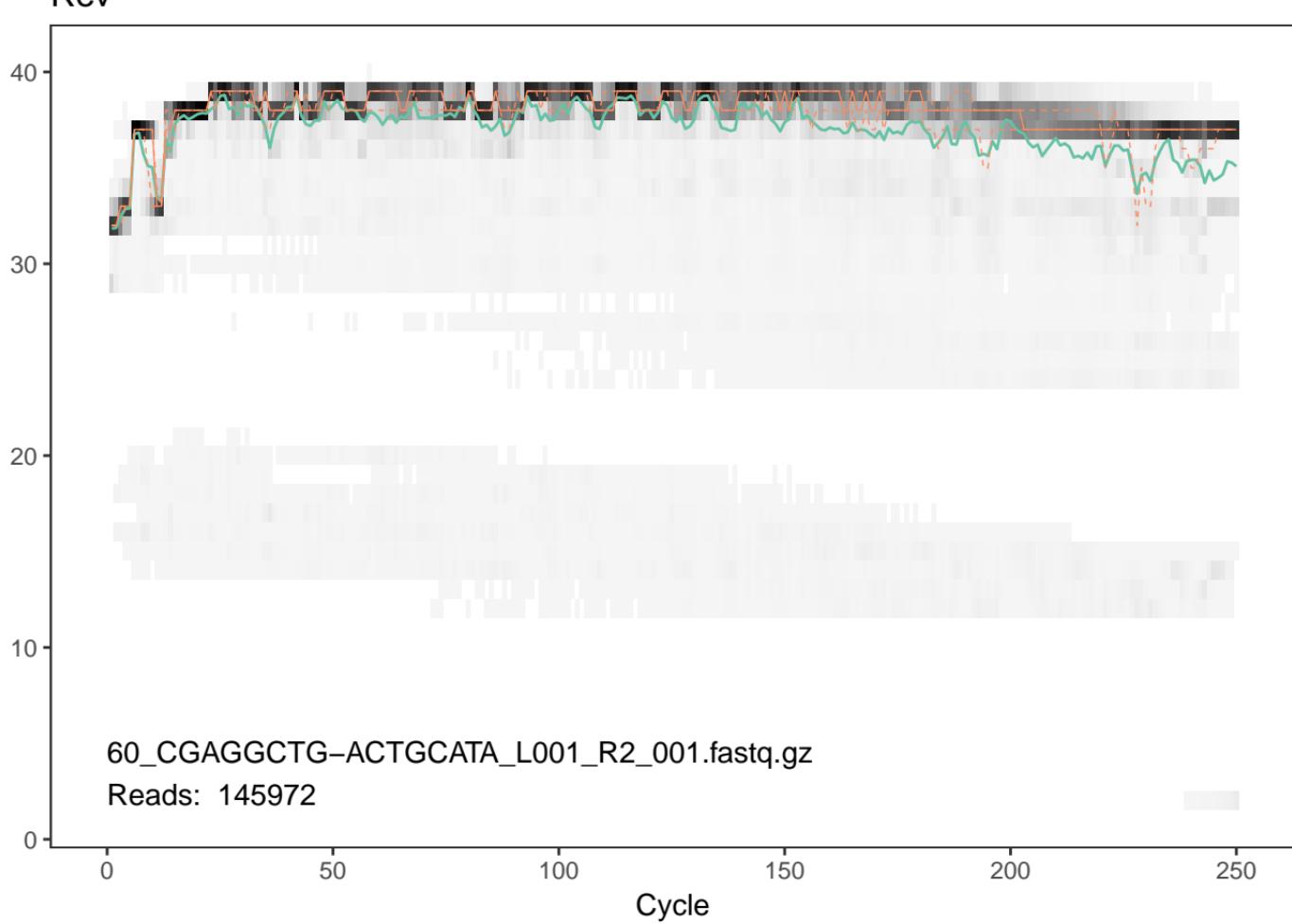
6_TAAGGCGA-CTAACGCCT_L001_R2_001.fastq.gz

Reads: 113704



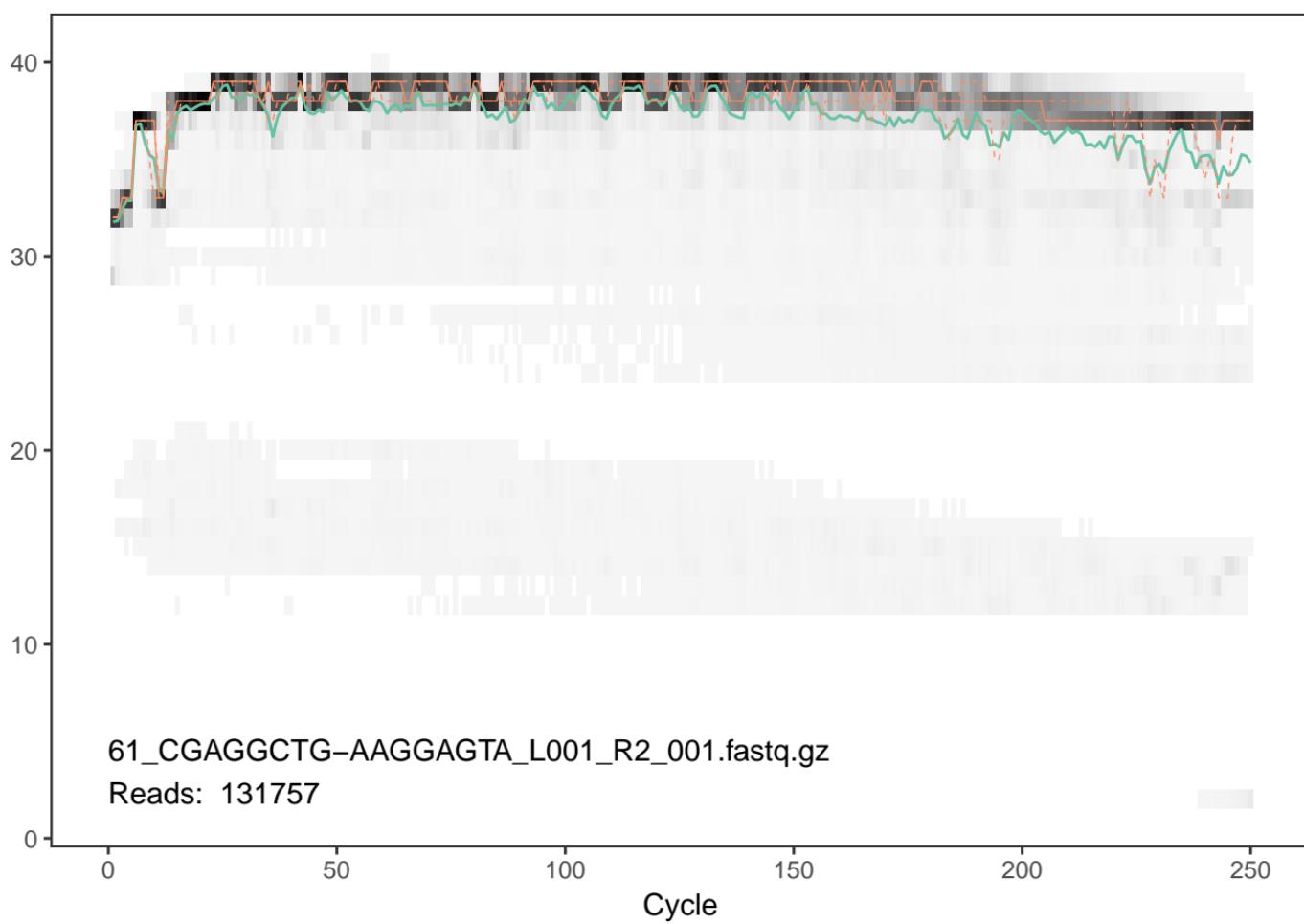
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

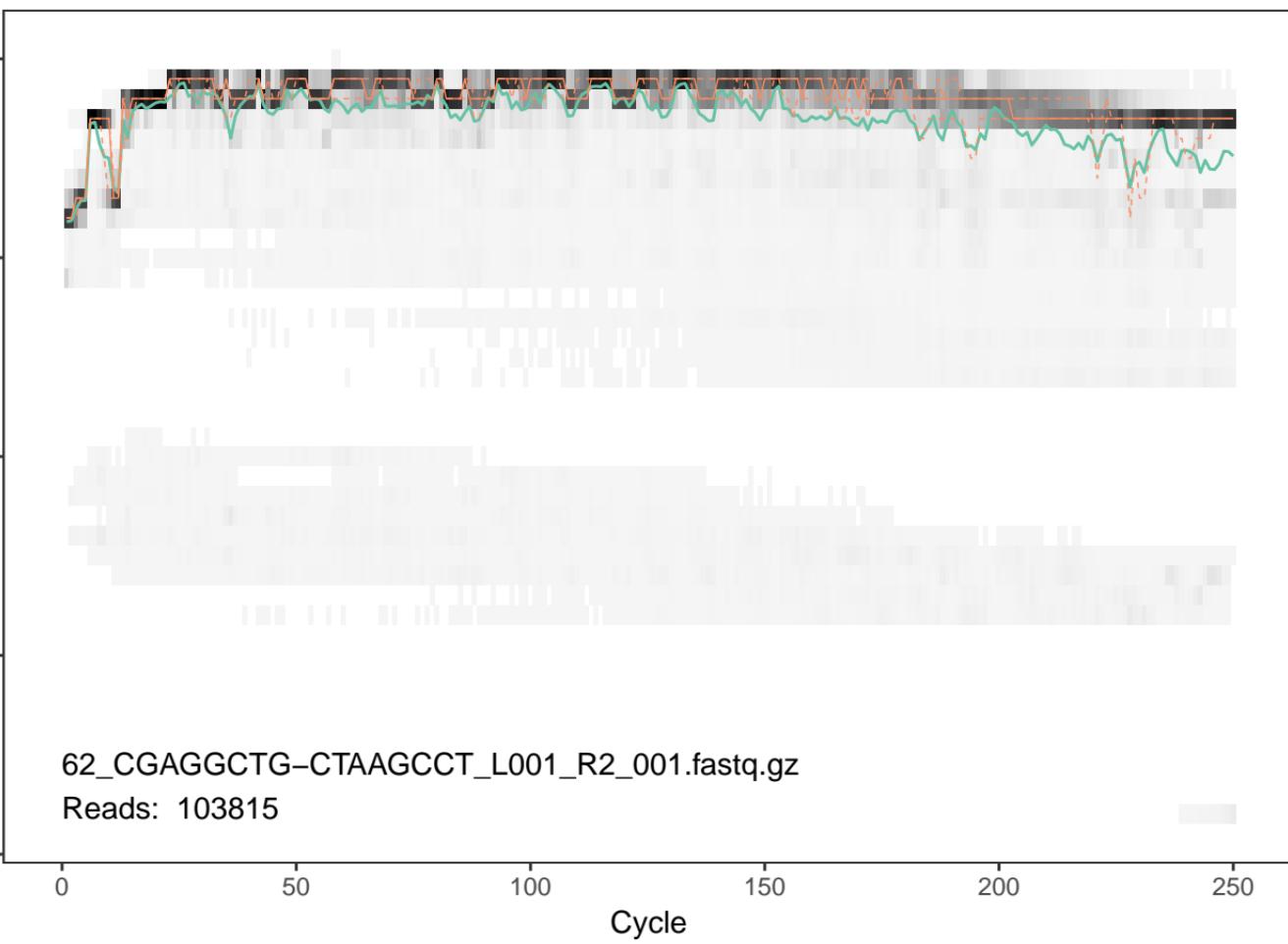
10

0

Cycle

62_CGAGGCTG-CTAAGCCT_L001_R2_001.fastq.gz

Reads: 103815



Rev

Quality Score

40

30

20

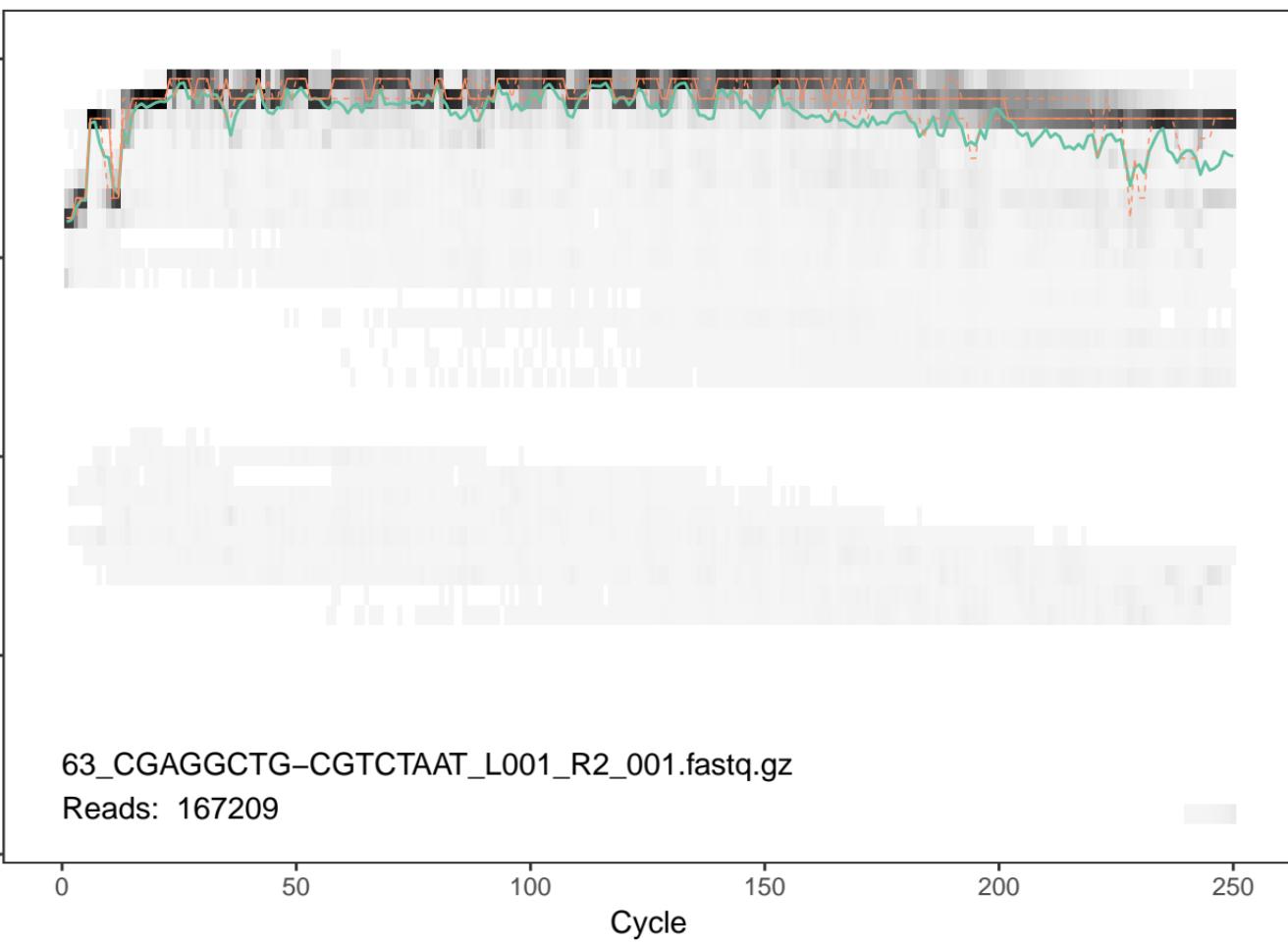
10

0

Cycle

63_CGAGGCTG-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 167209



Rev

Quality Score

40

30

20

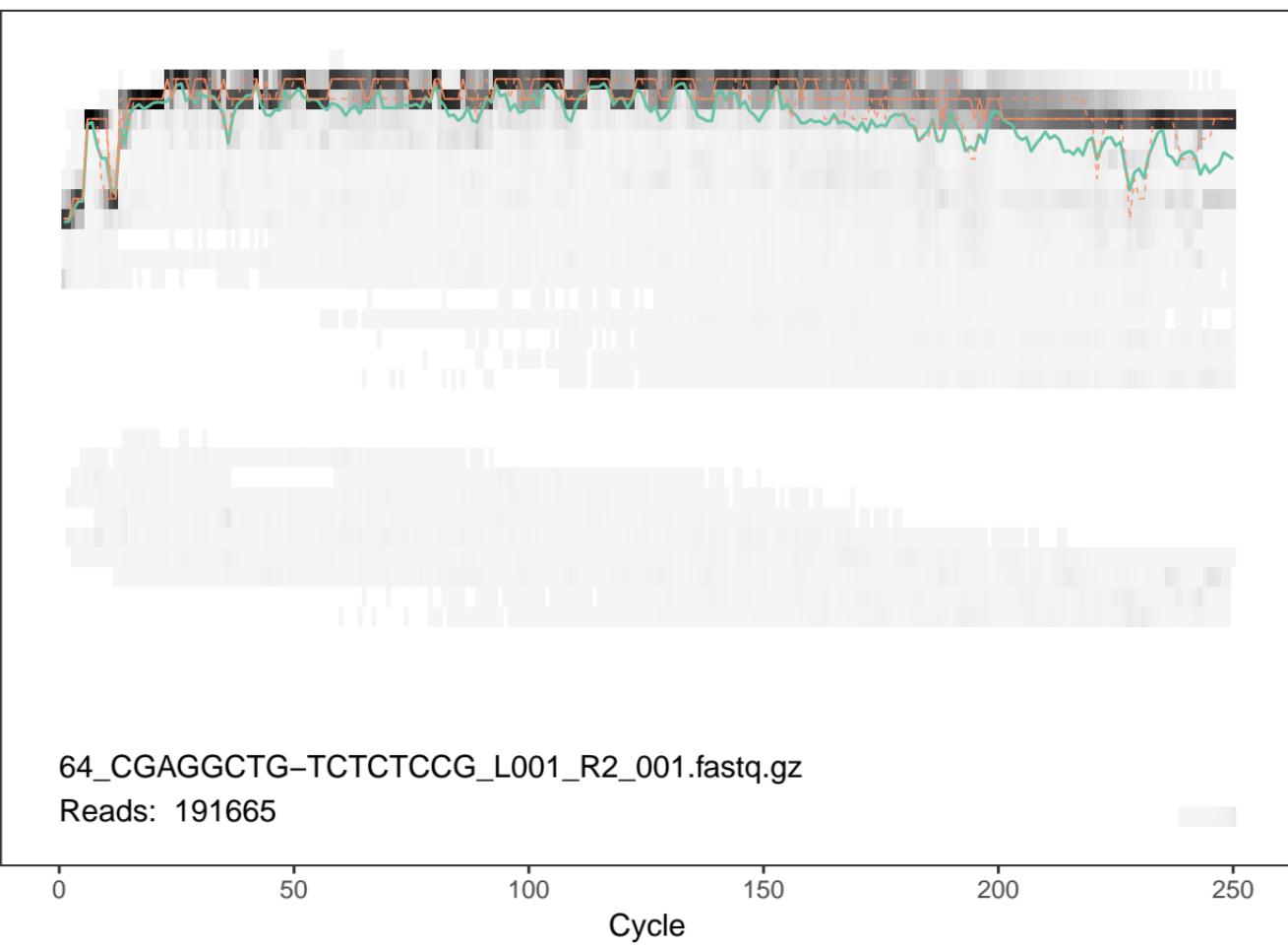
10

0

Cycle

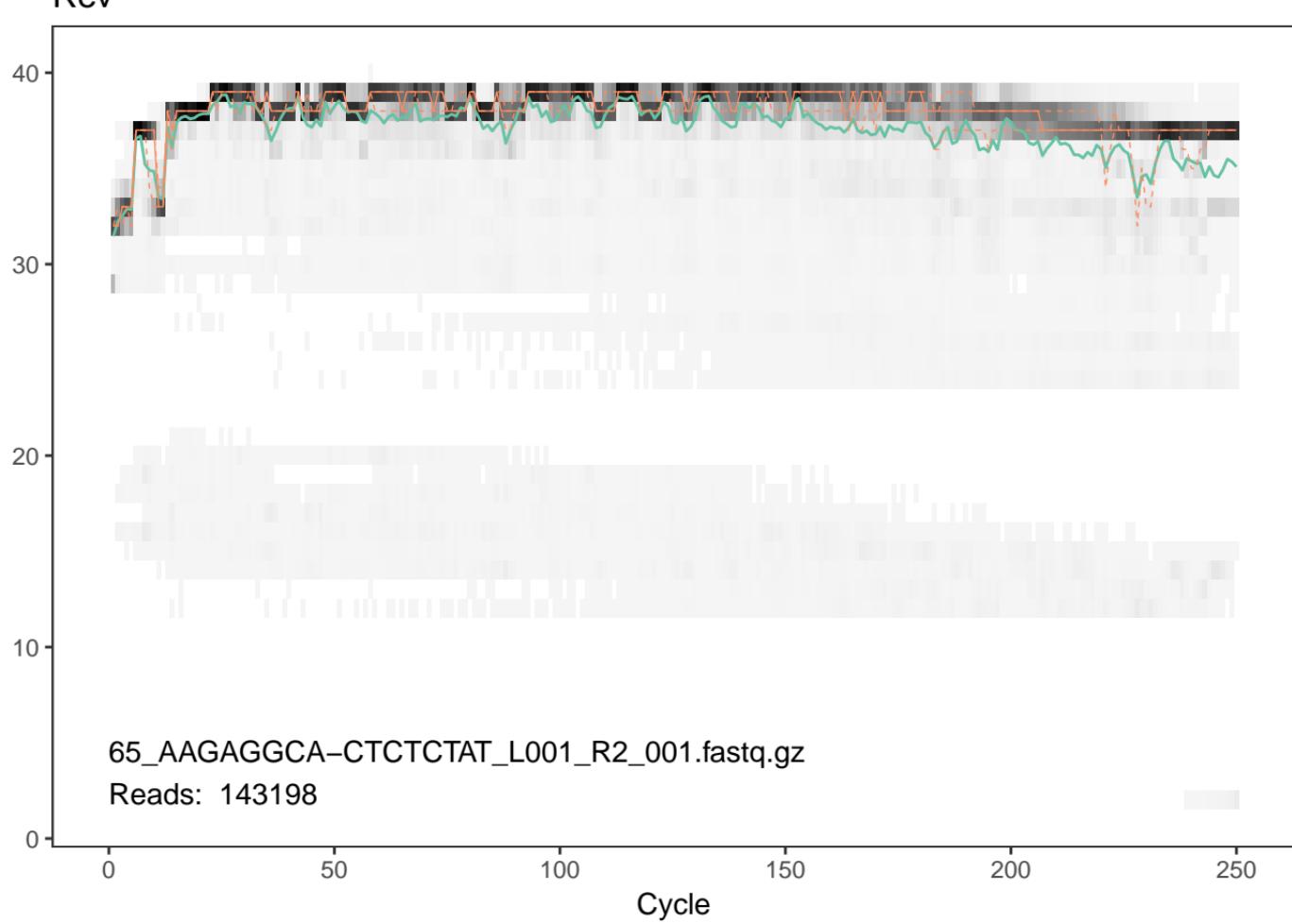
64(CGAGGCTG-TCTCTCCG)_L001_R2_001.fastq.gz

Reads: 191665



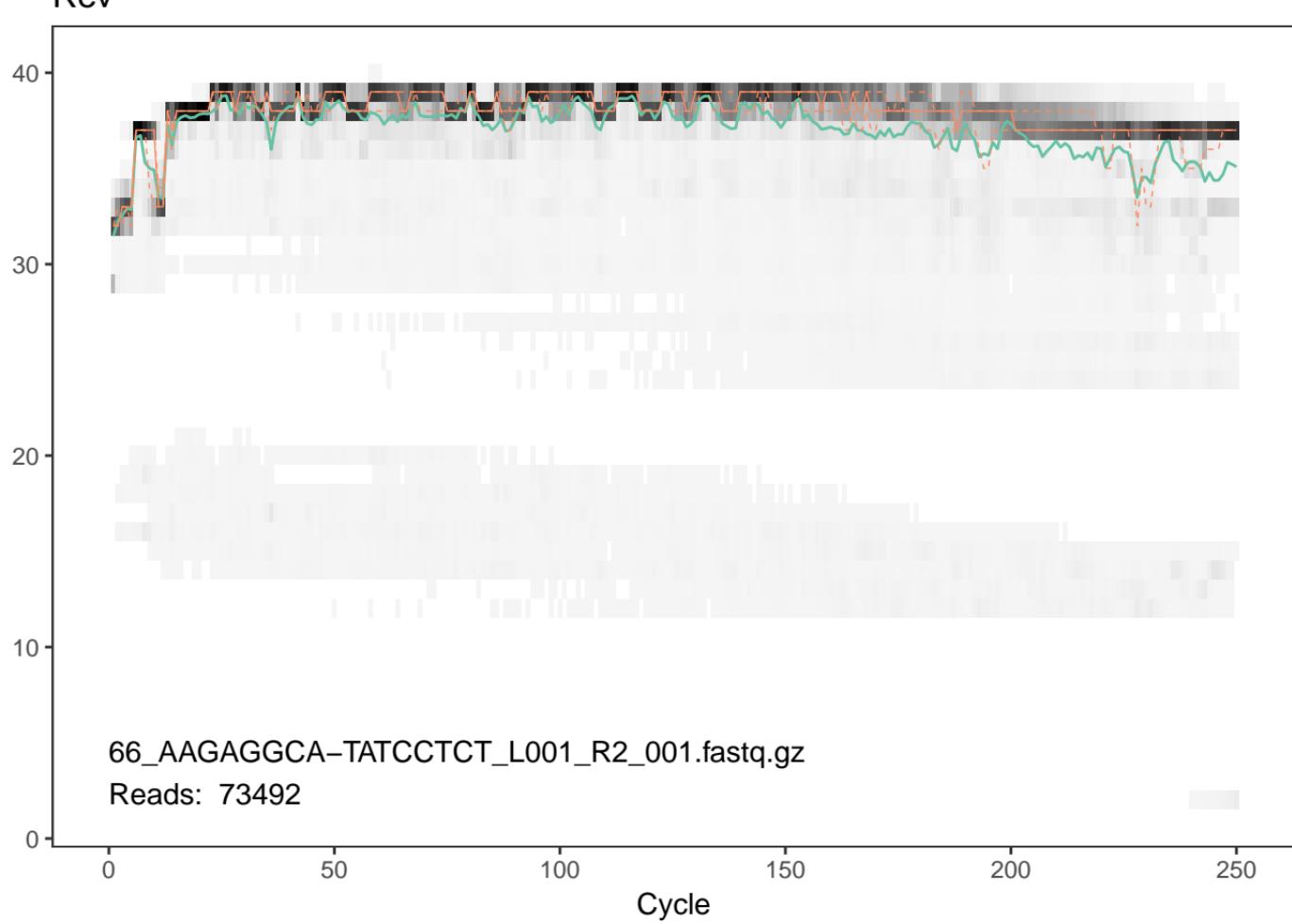
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

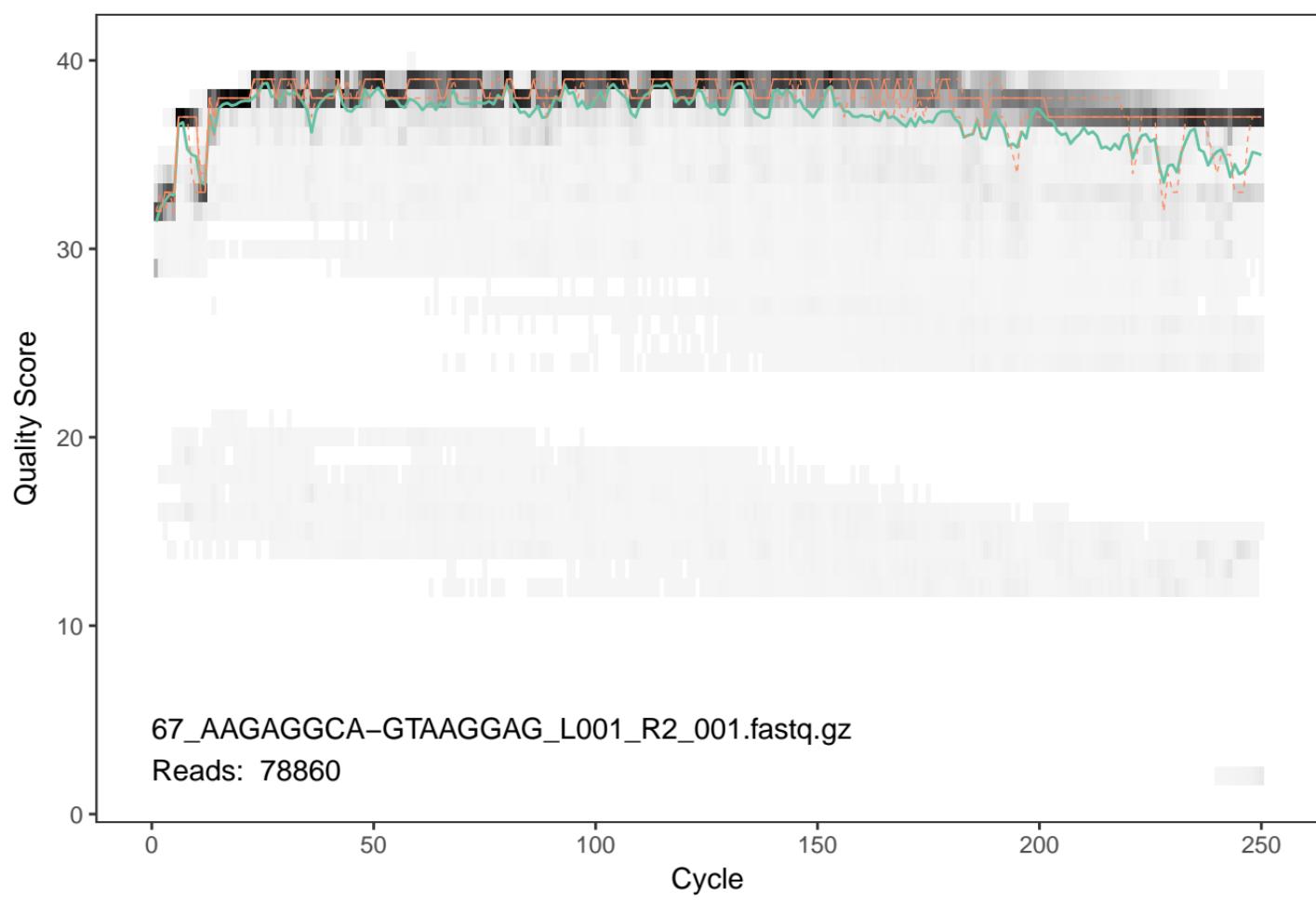
200

250

Cycle

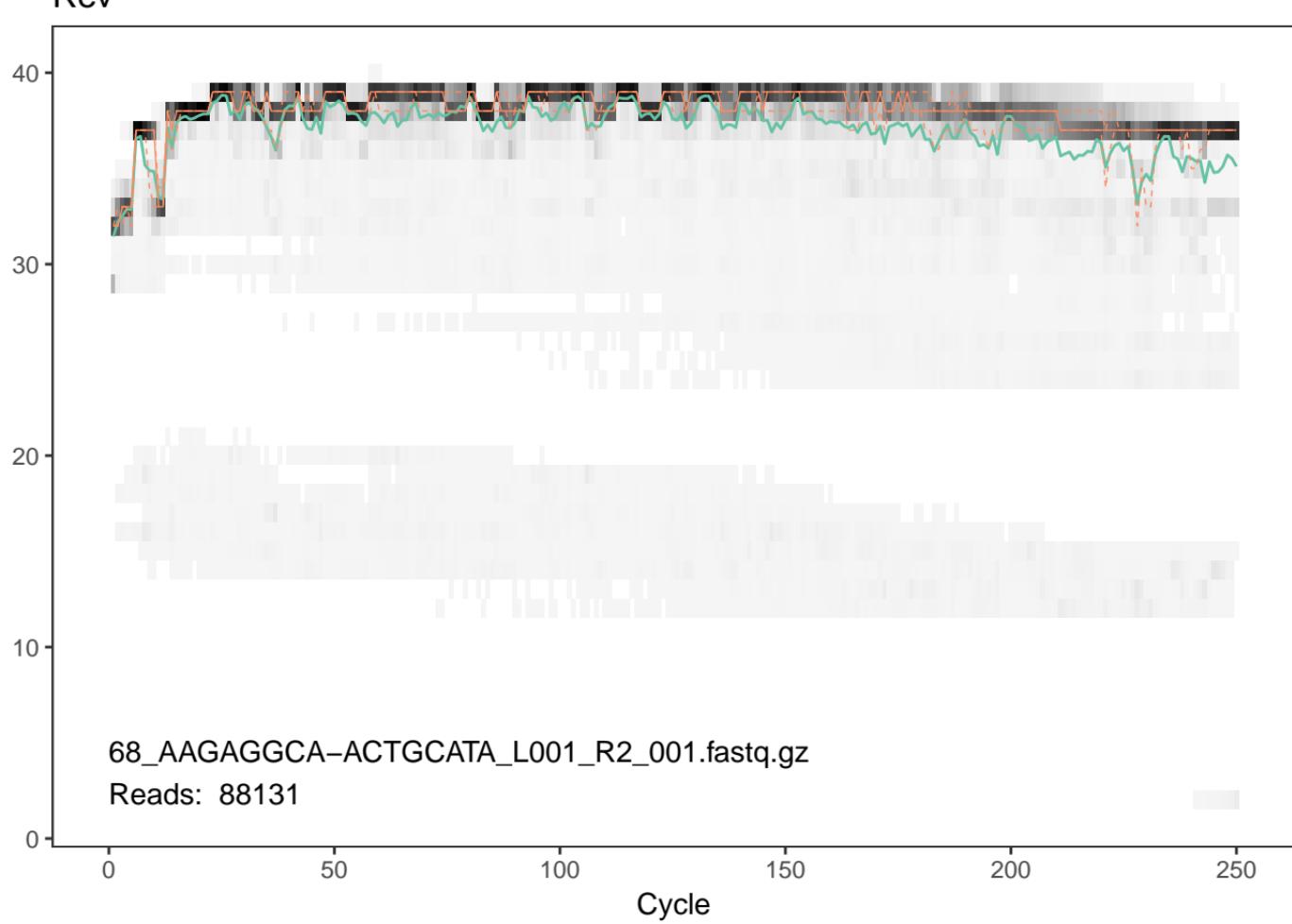
67_AAGAGGCA-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 78860



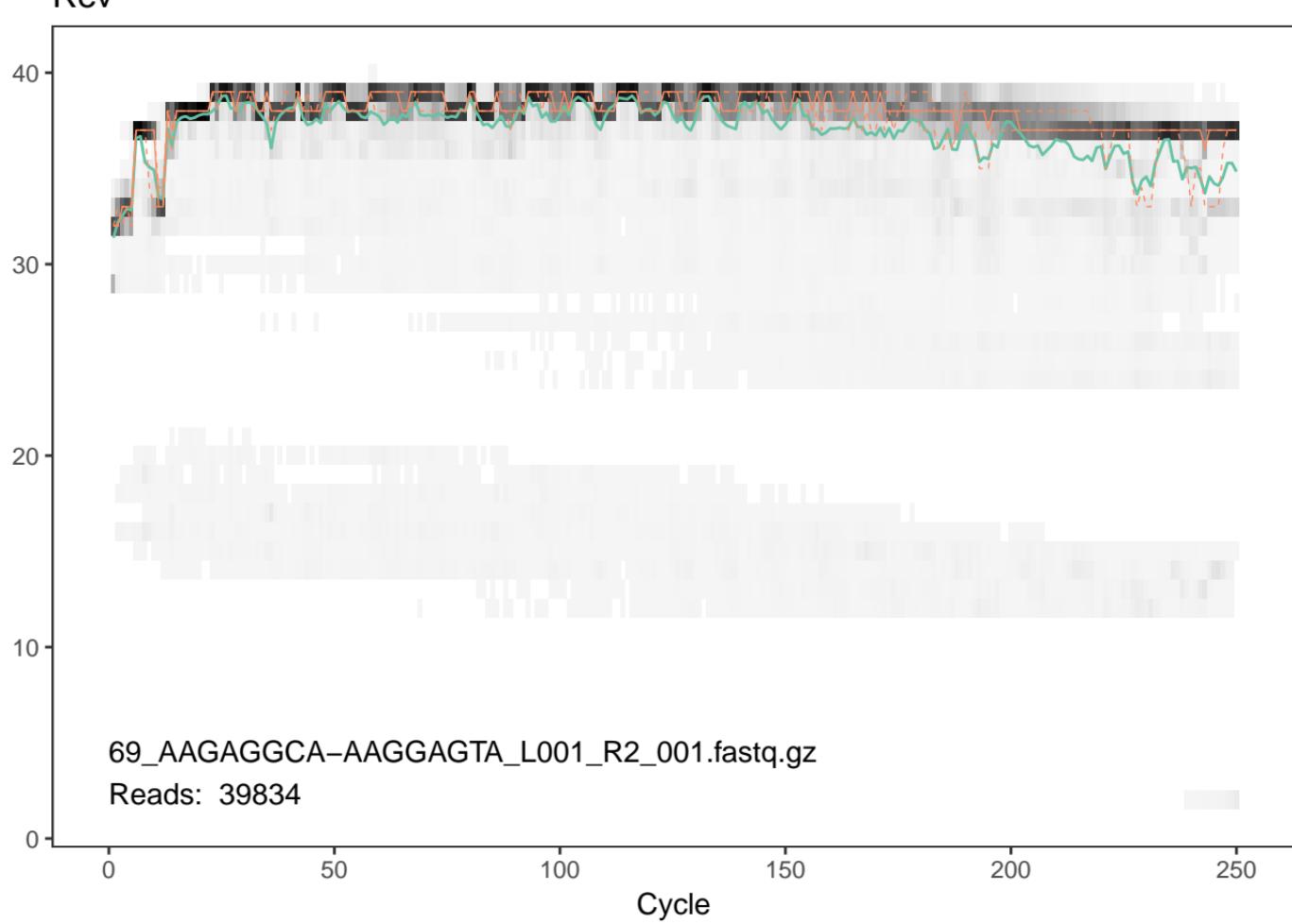
Rev

Quality Score



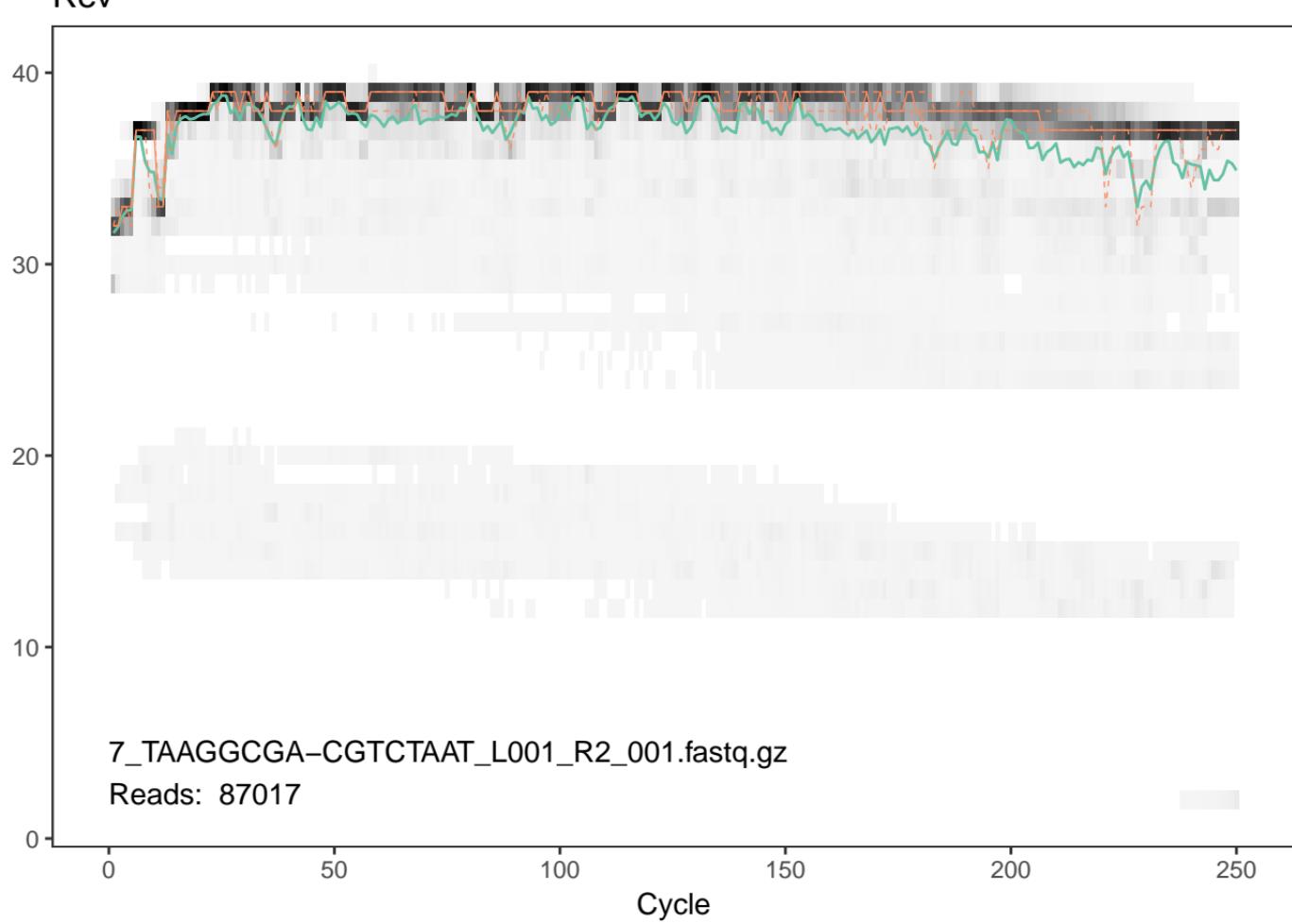
Rev

Quality Score



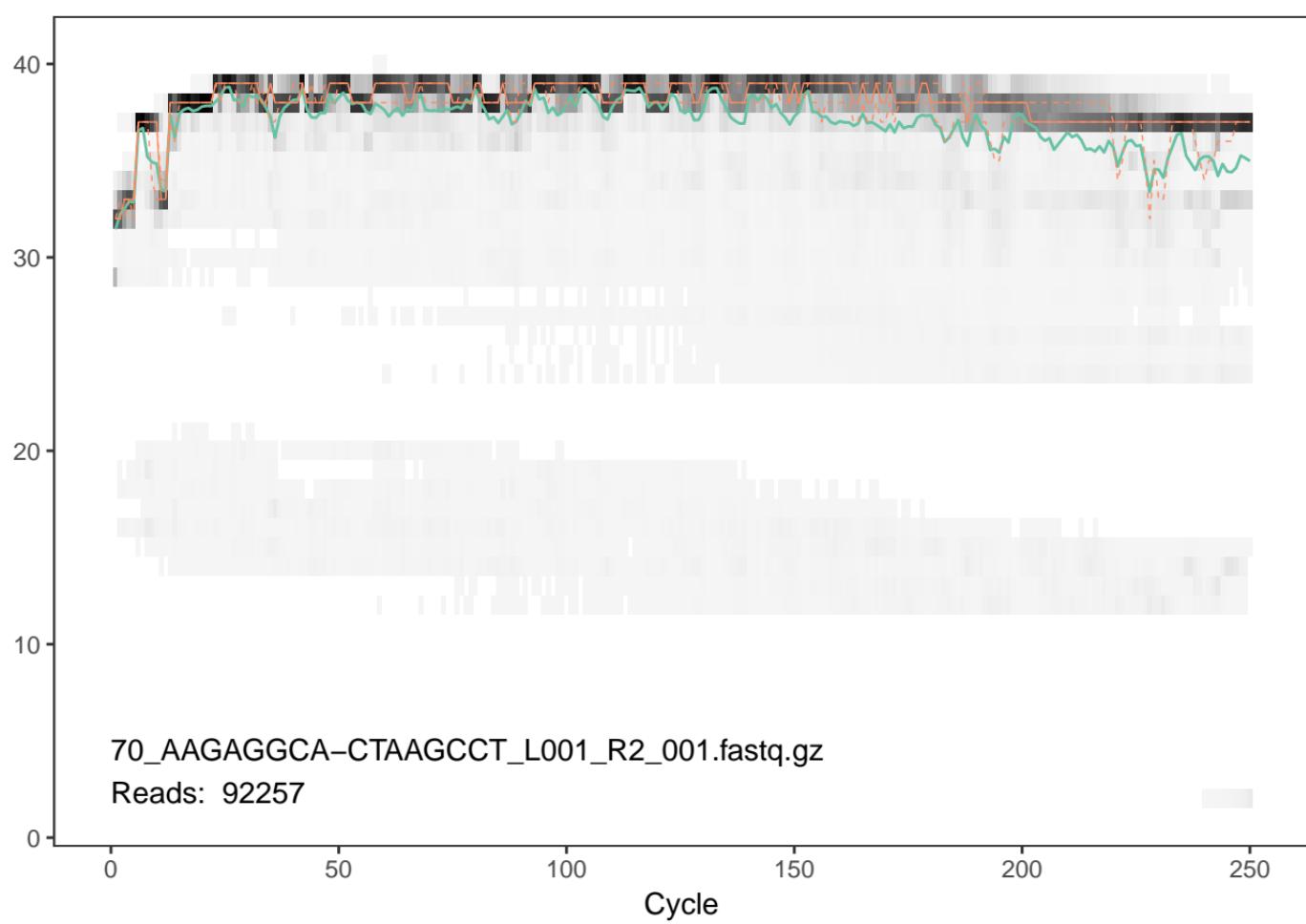
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

71_AAGAGGCA-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 100223

0

50

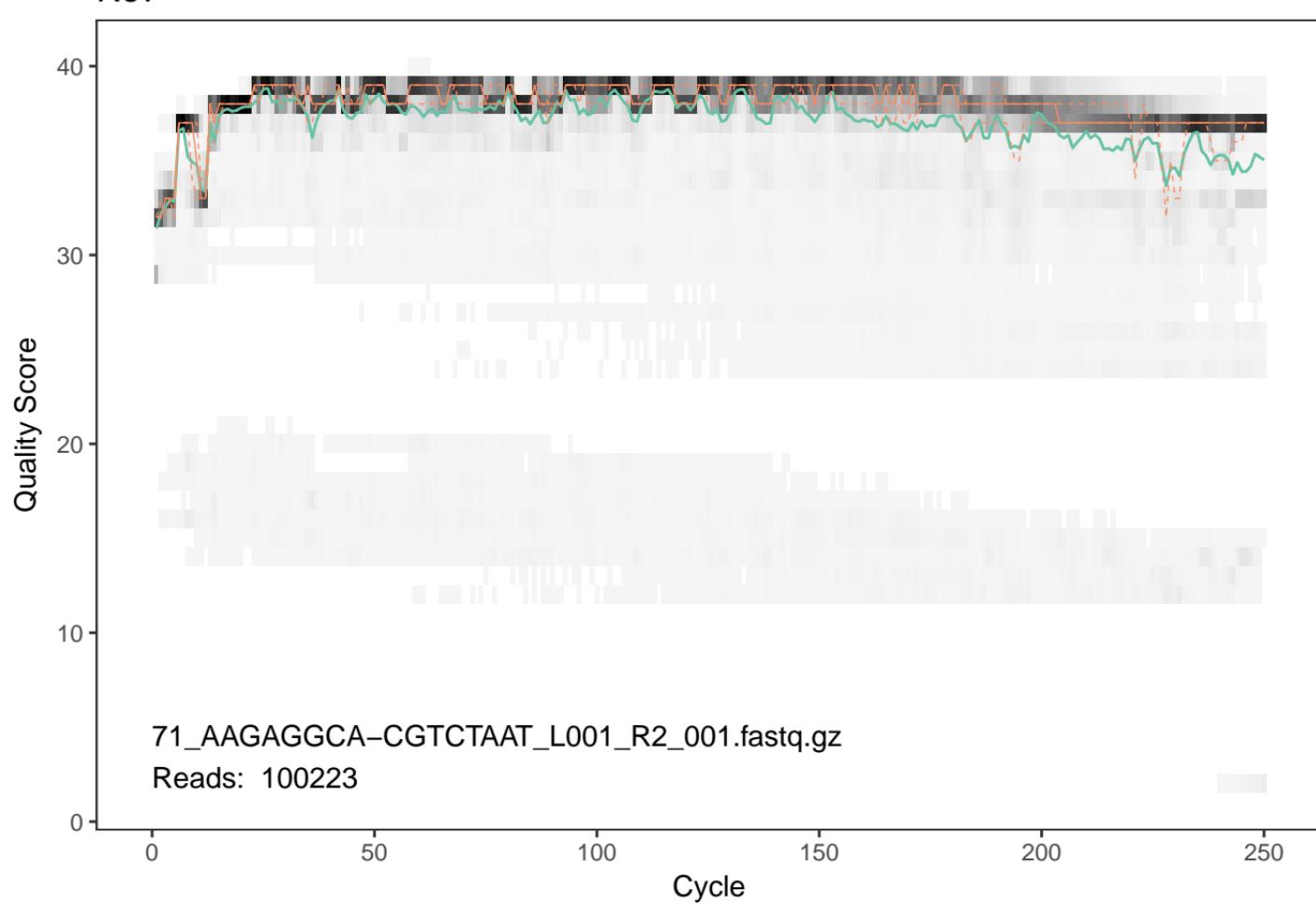
100

150

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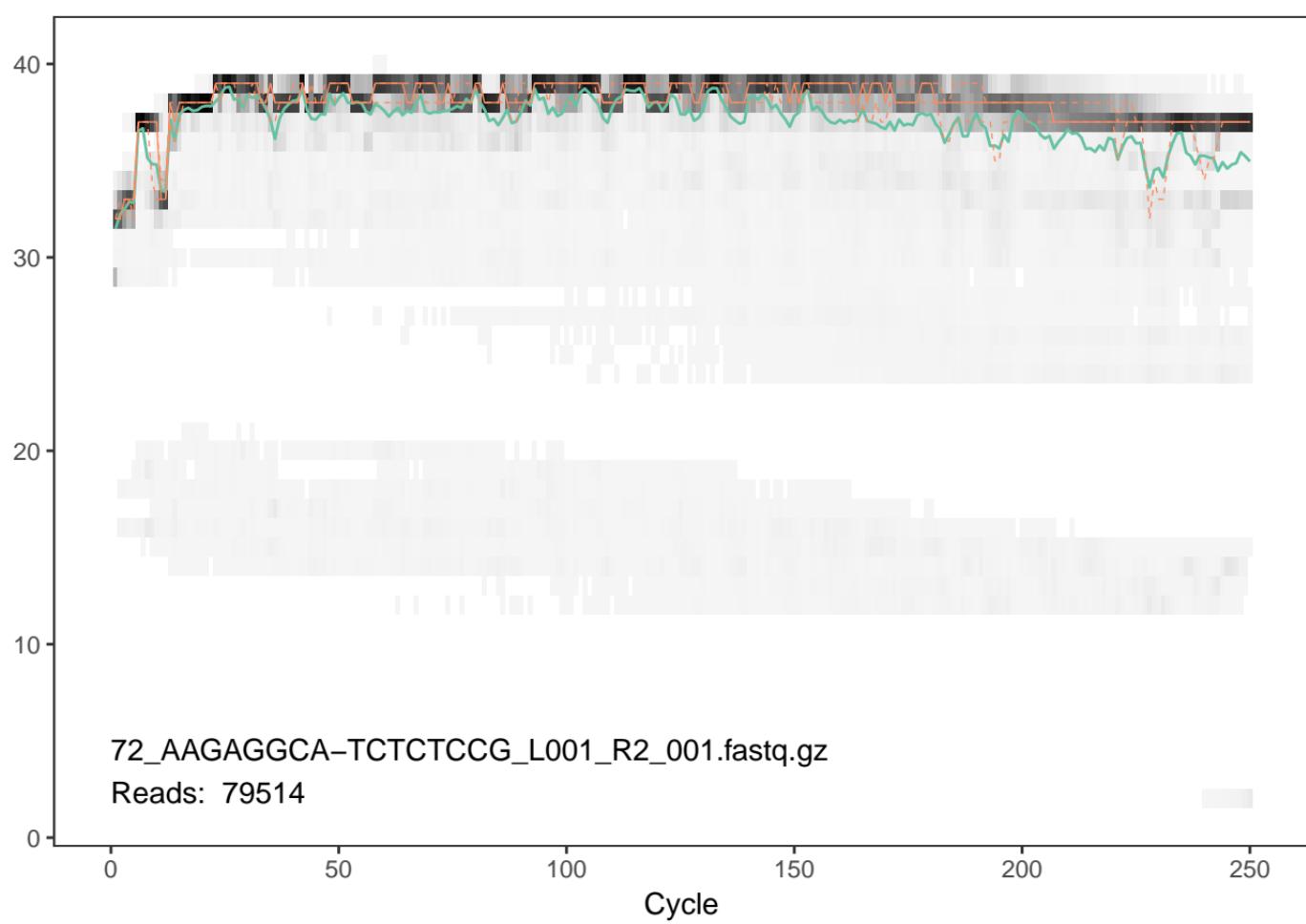
250

Cycle



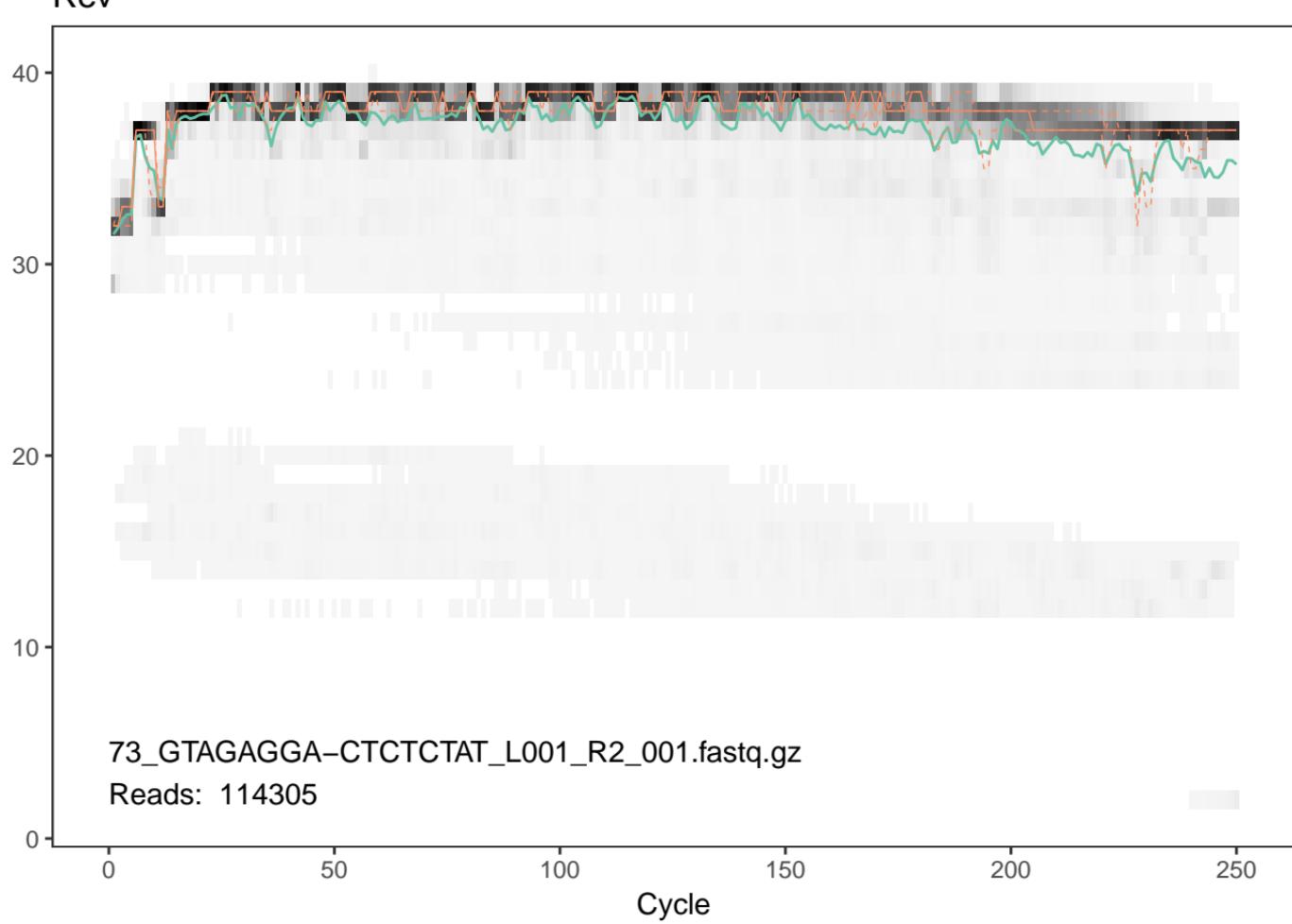
Rev

Quality Score



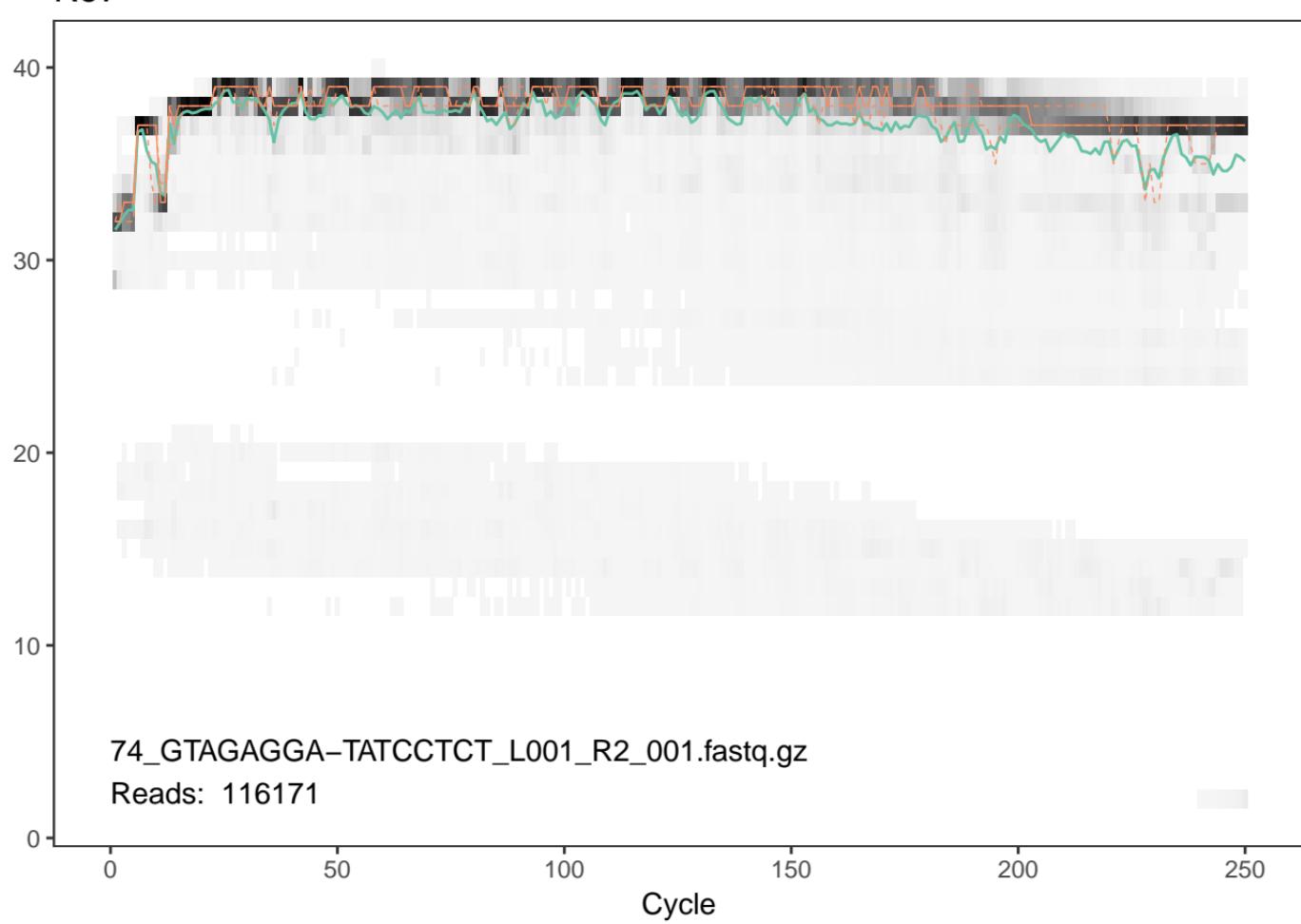
Rev

Quality Score



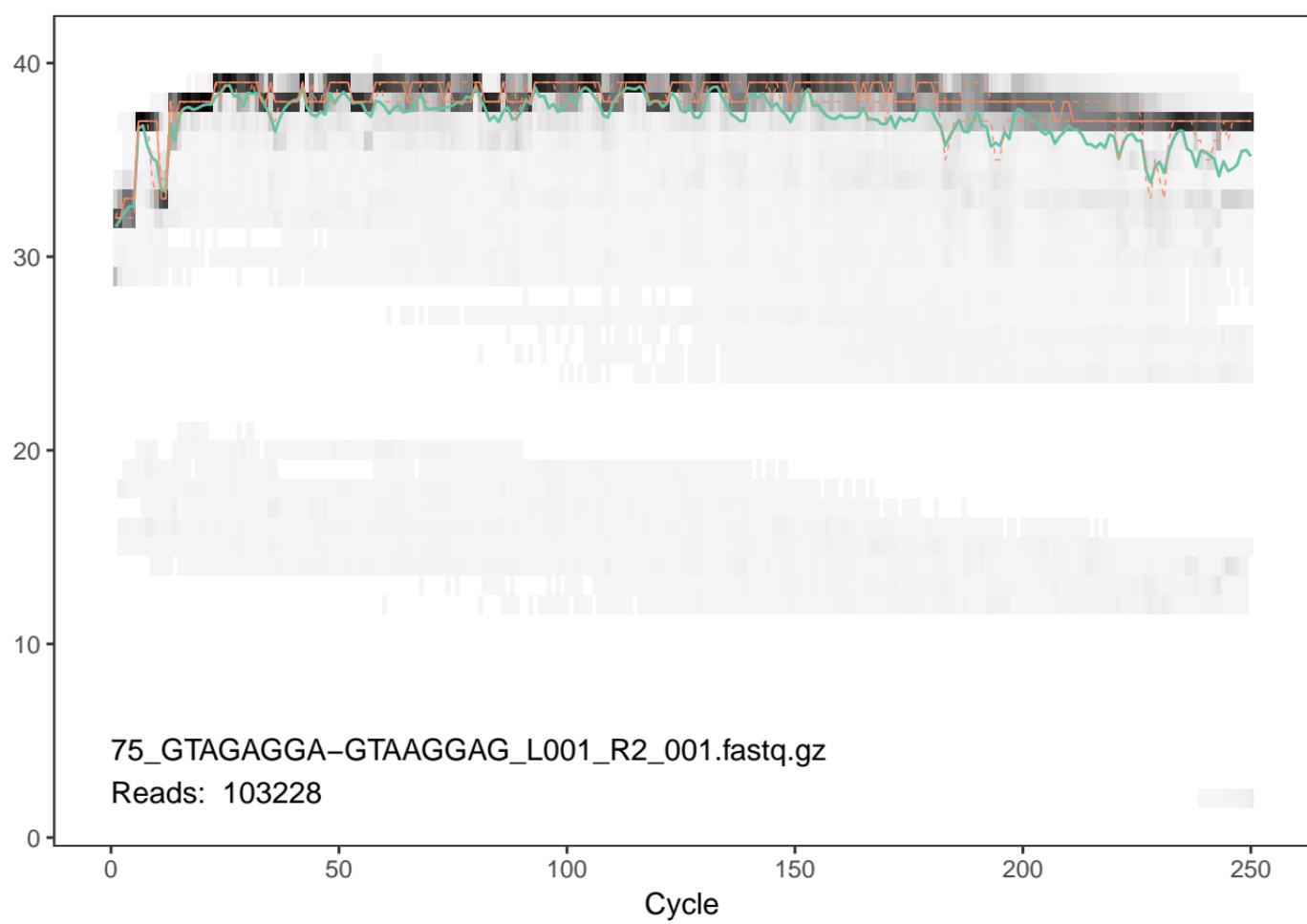
Rev

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

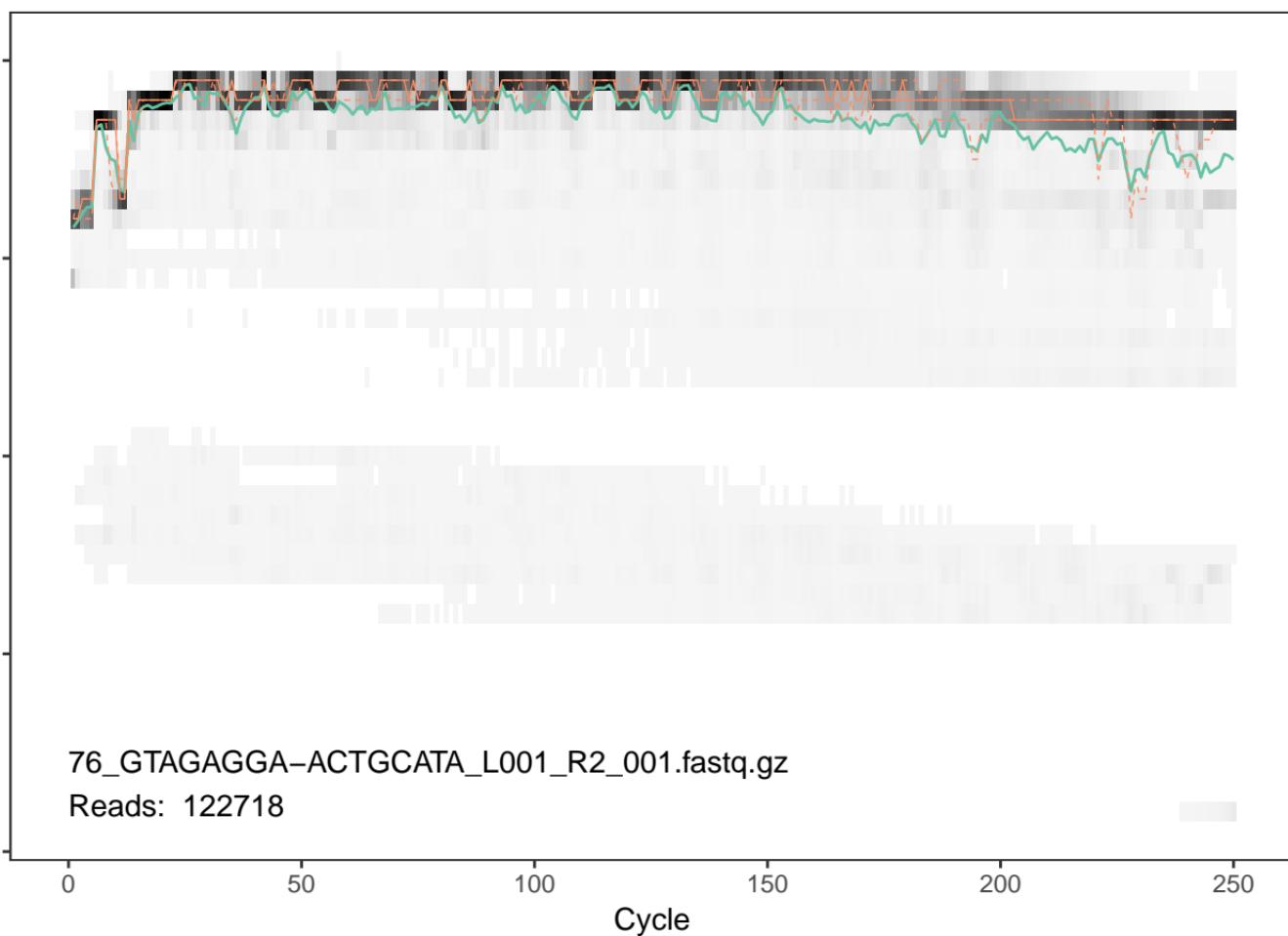
100

150

200

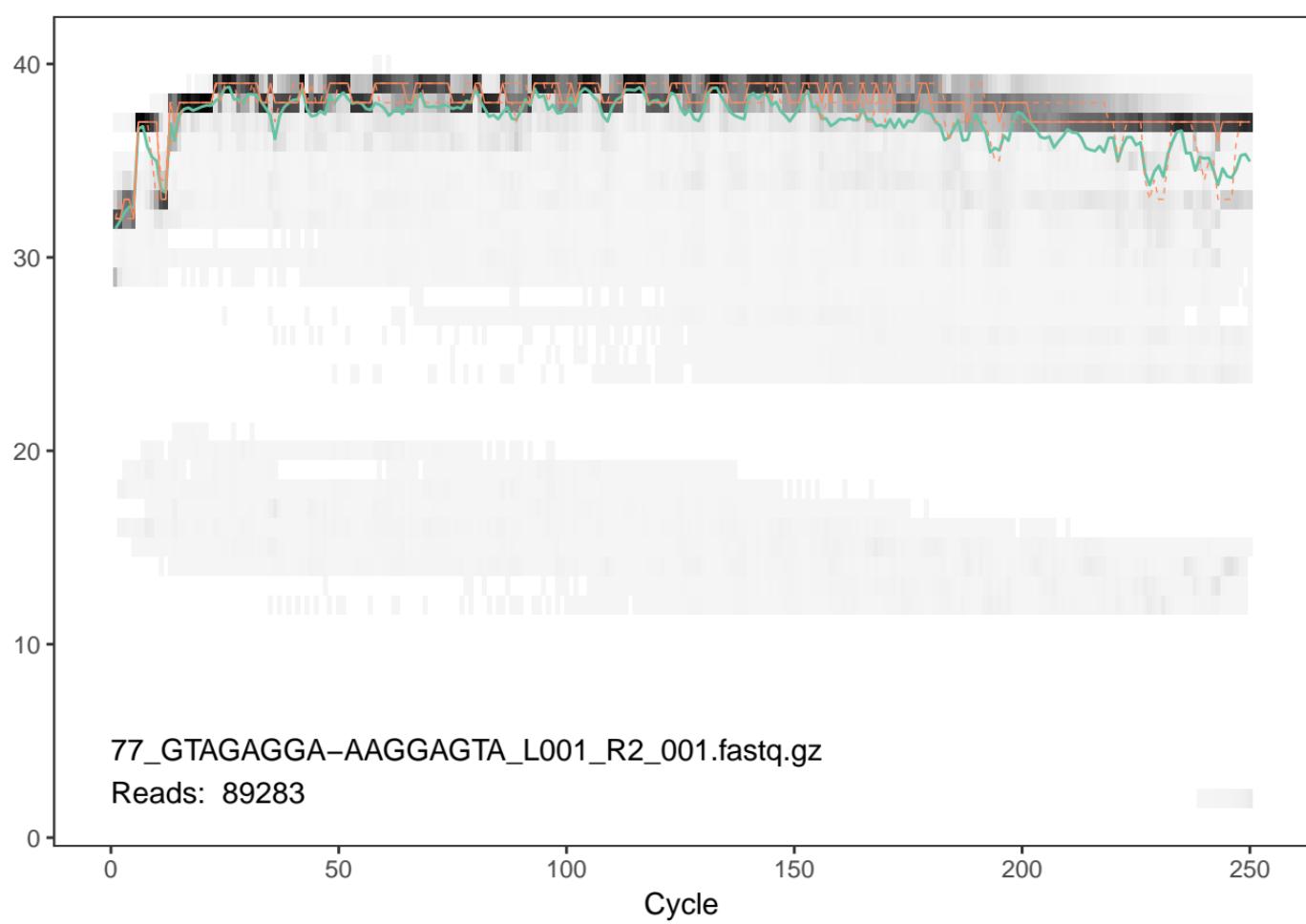
250

Cycle



Rev

Quality Score

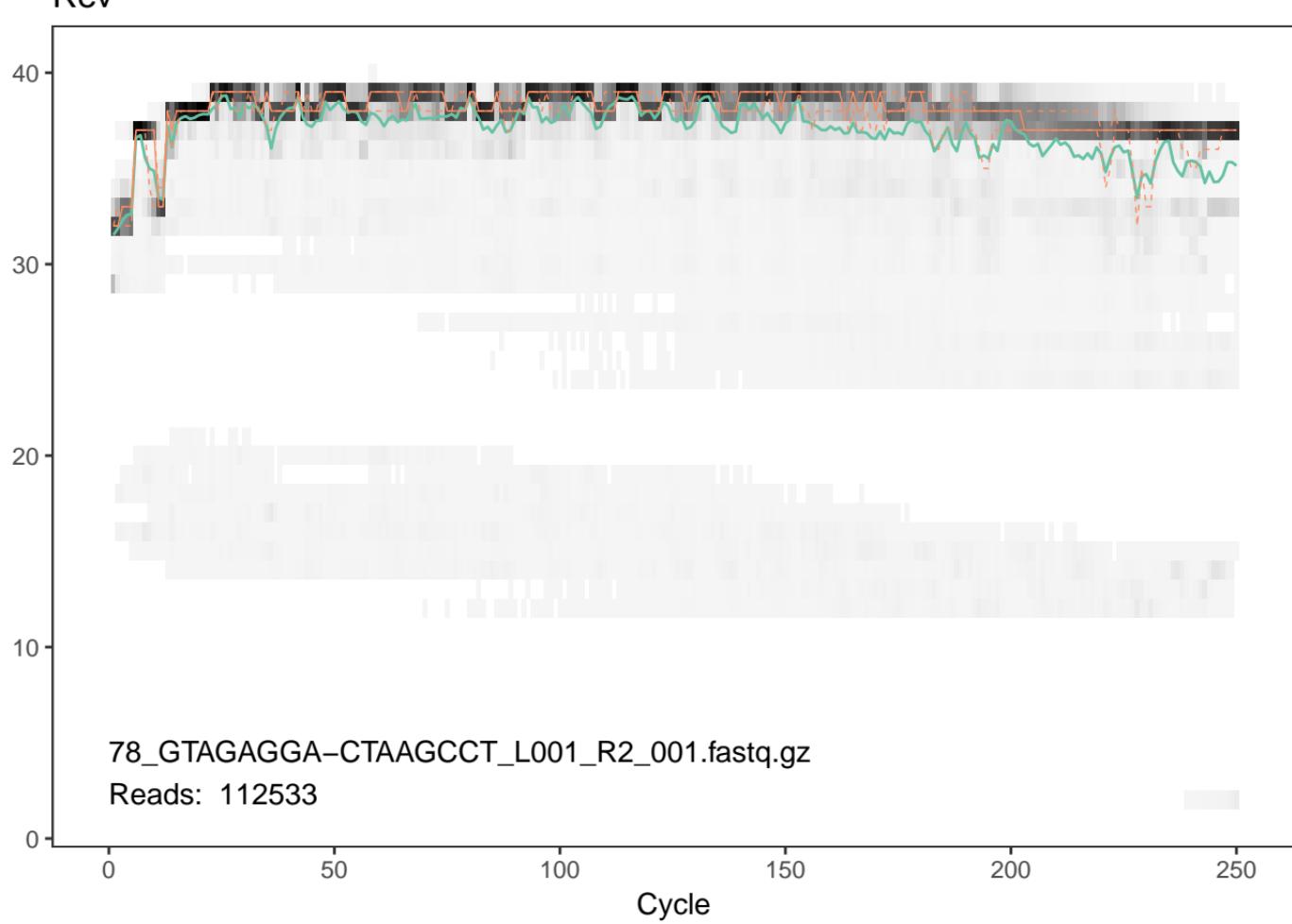


77_GTAGAGGA-AAGGAGTA_L001_R2_001.fastq.gz

Reads: 89283

Rev

Quality Score



Rev

Quality Score

40

30

20

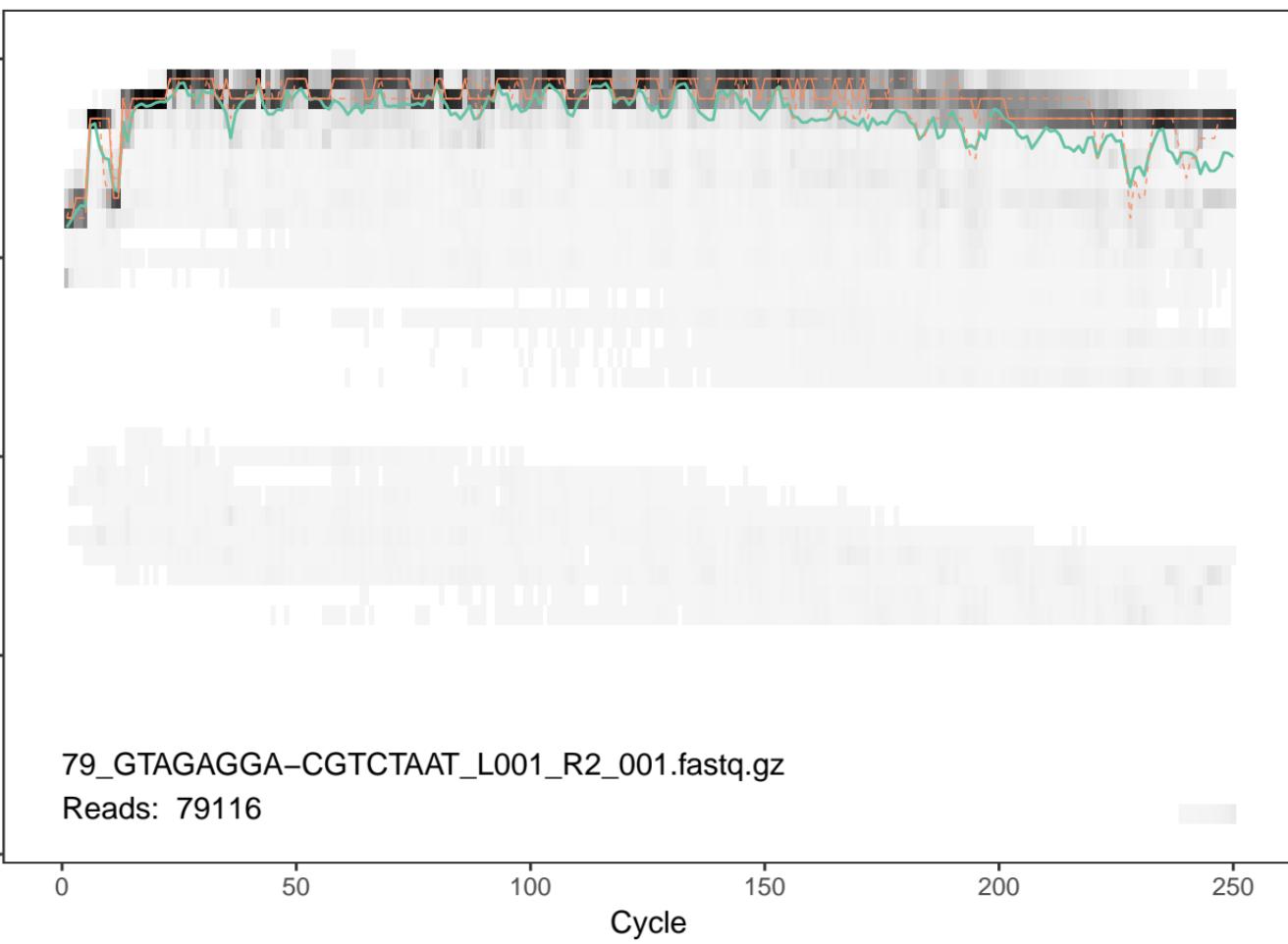
10

0

Cycle

79_GTAGAGGA-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 79116



Rev

Quality Score

40

30

20

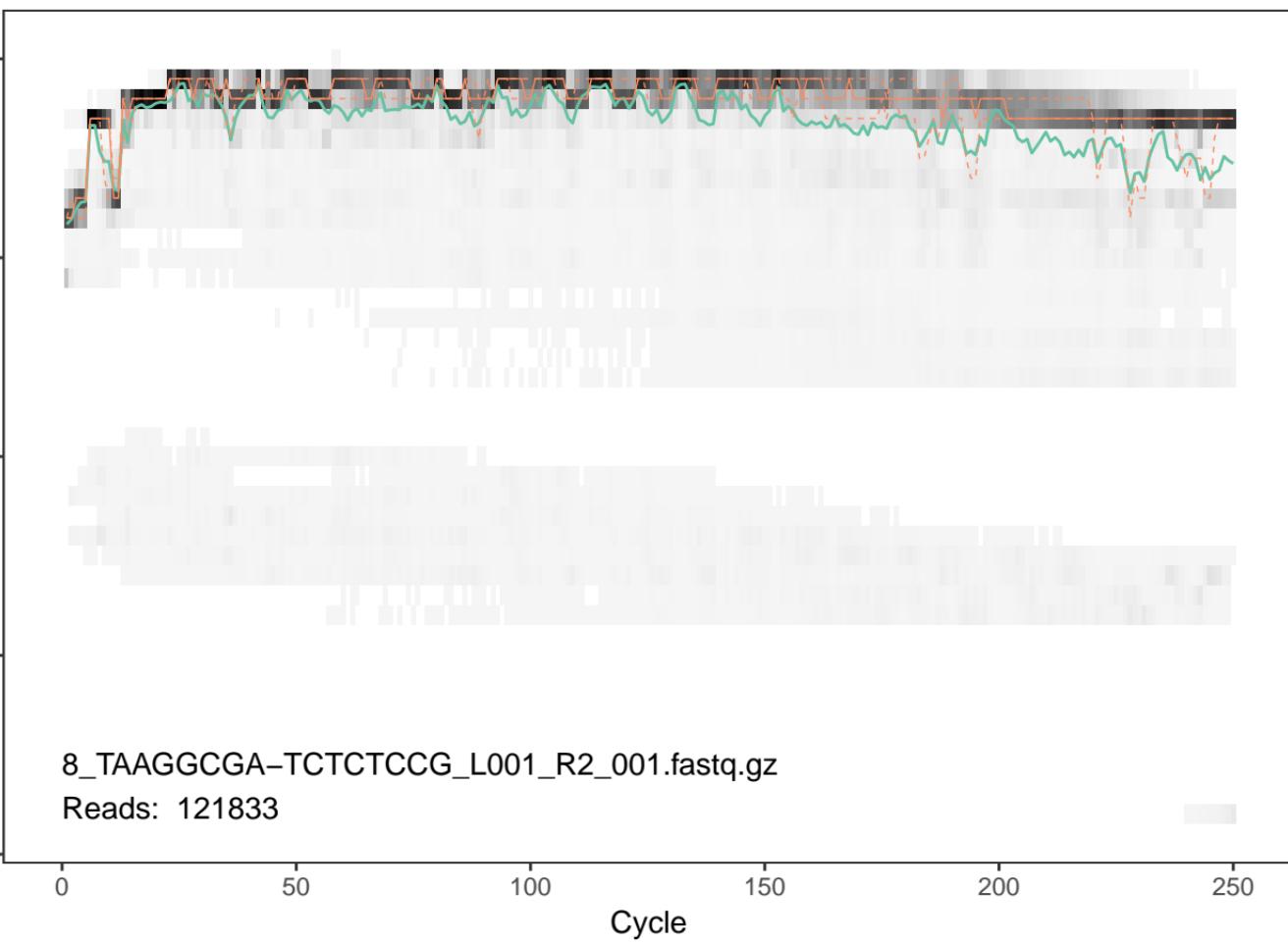
10

0

Cycle

8_TAAGGCGA-TCTCTCCG_L001_R2_001.fastq.gz

Reads: 121833



Rev

Quality Score

40

30

20

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0

50

100

150

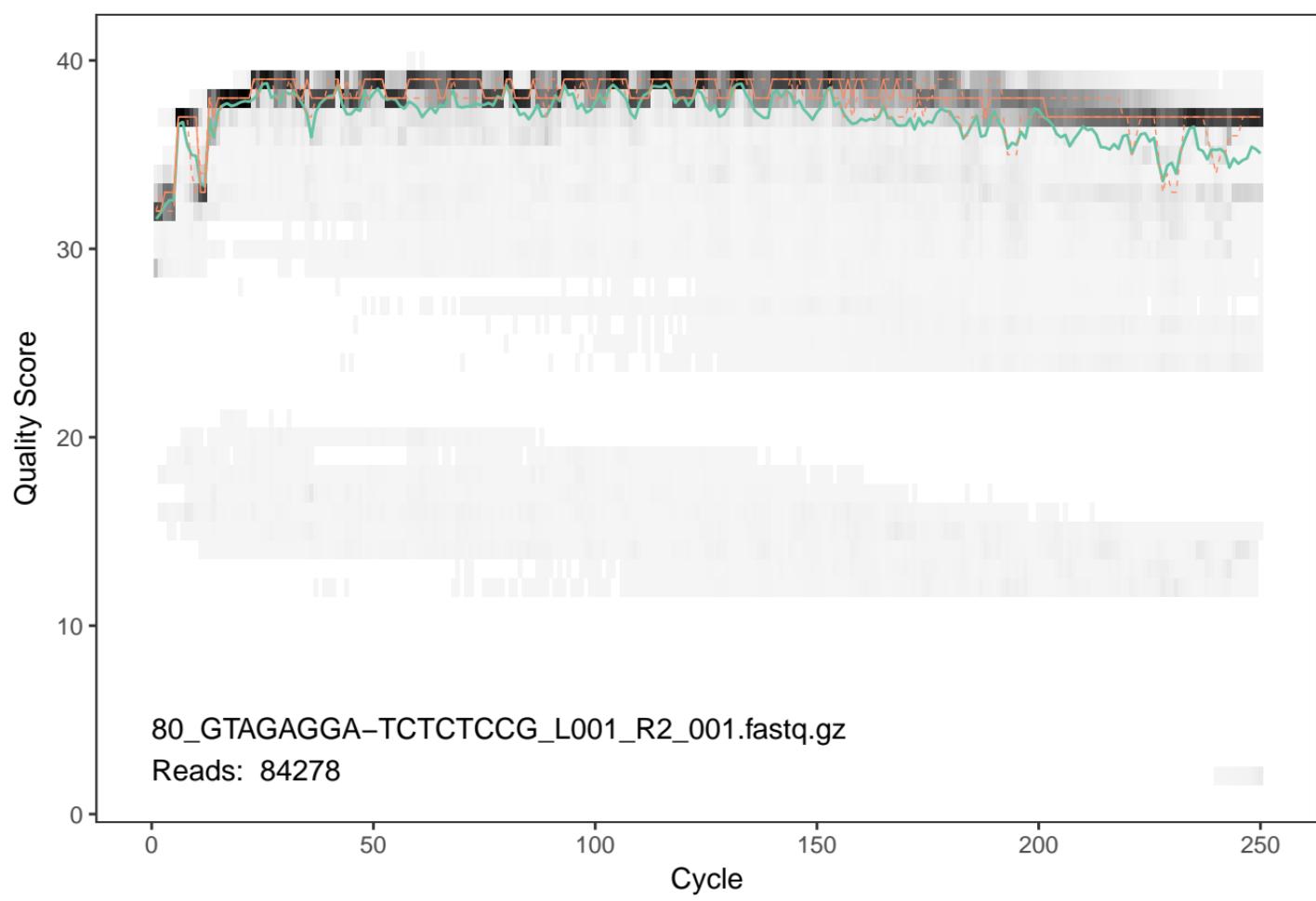
200

250

Cycle

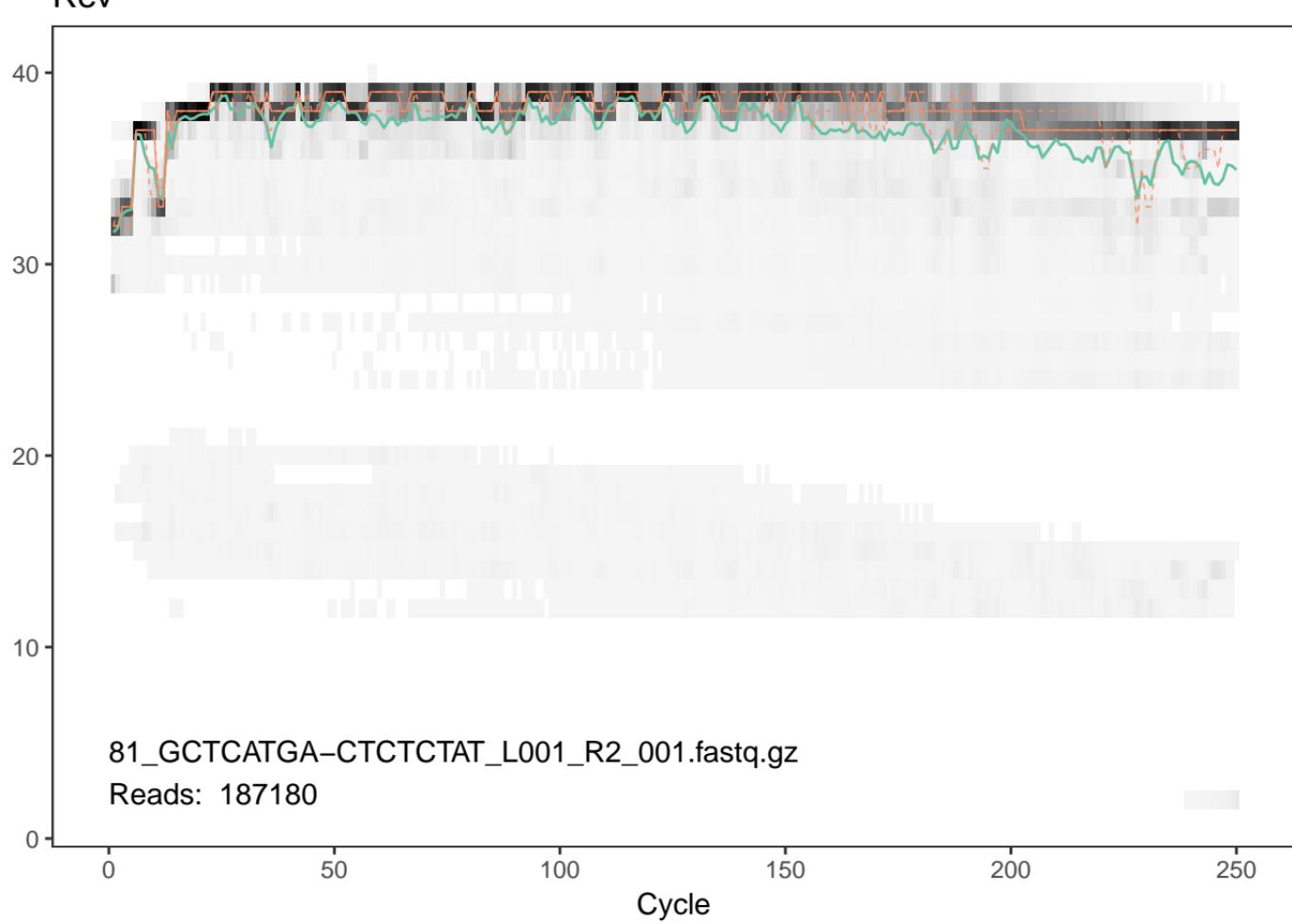
80_GTAGAGGA-TCTCTCCG_L001_R2_001.fastq.gz

Reads: 84278



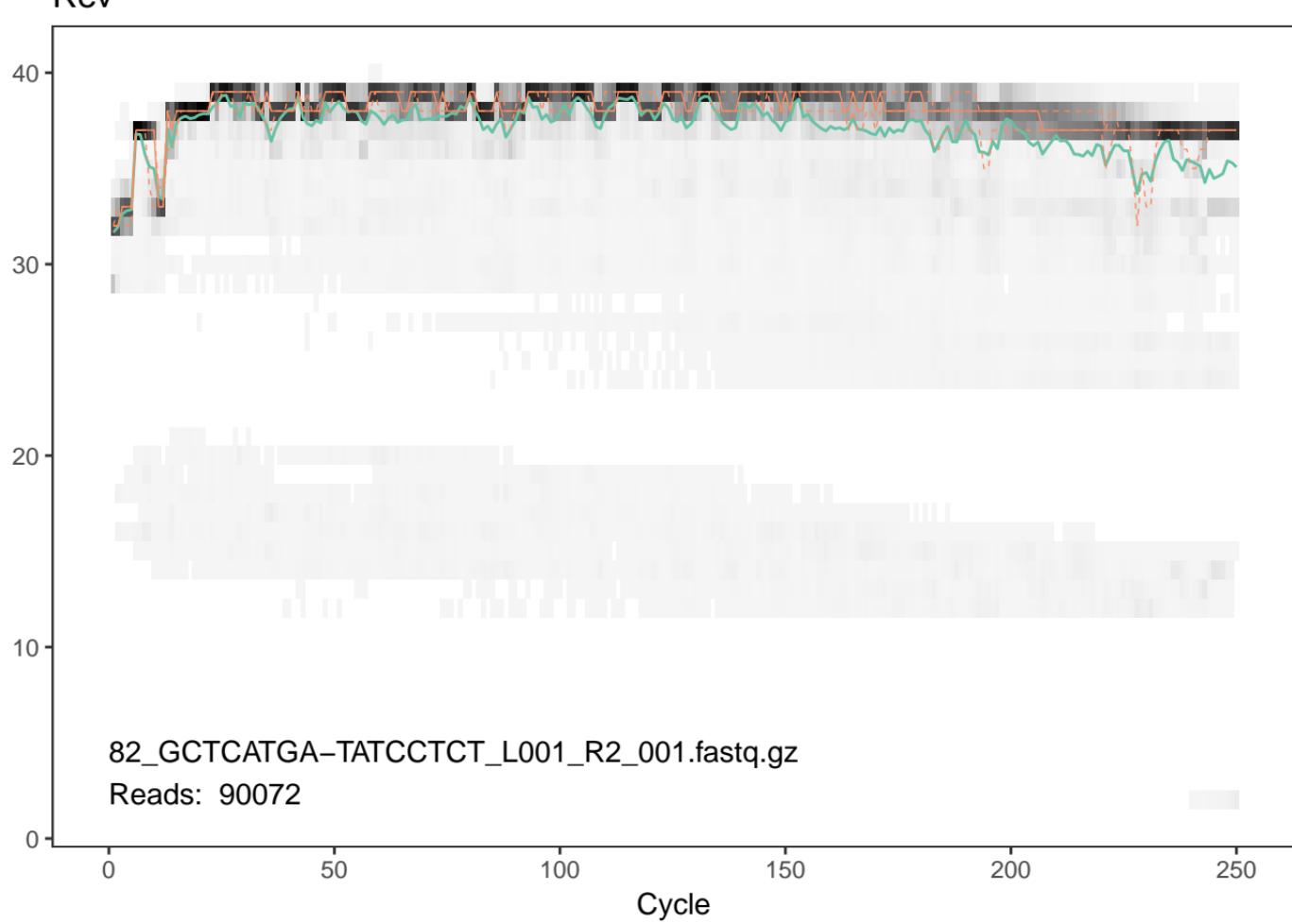
Rev

Quality Score



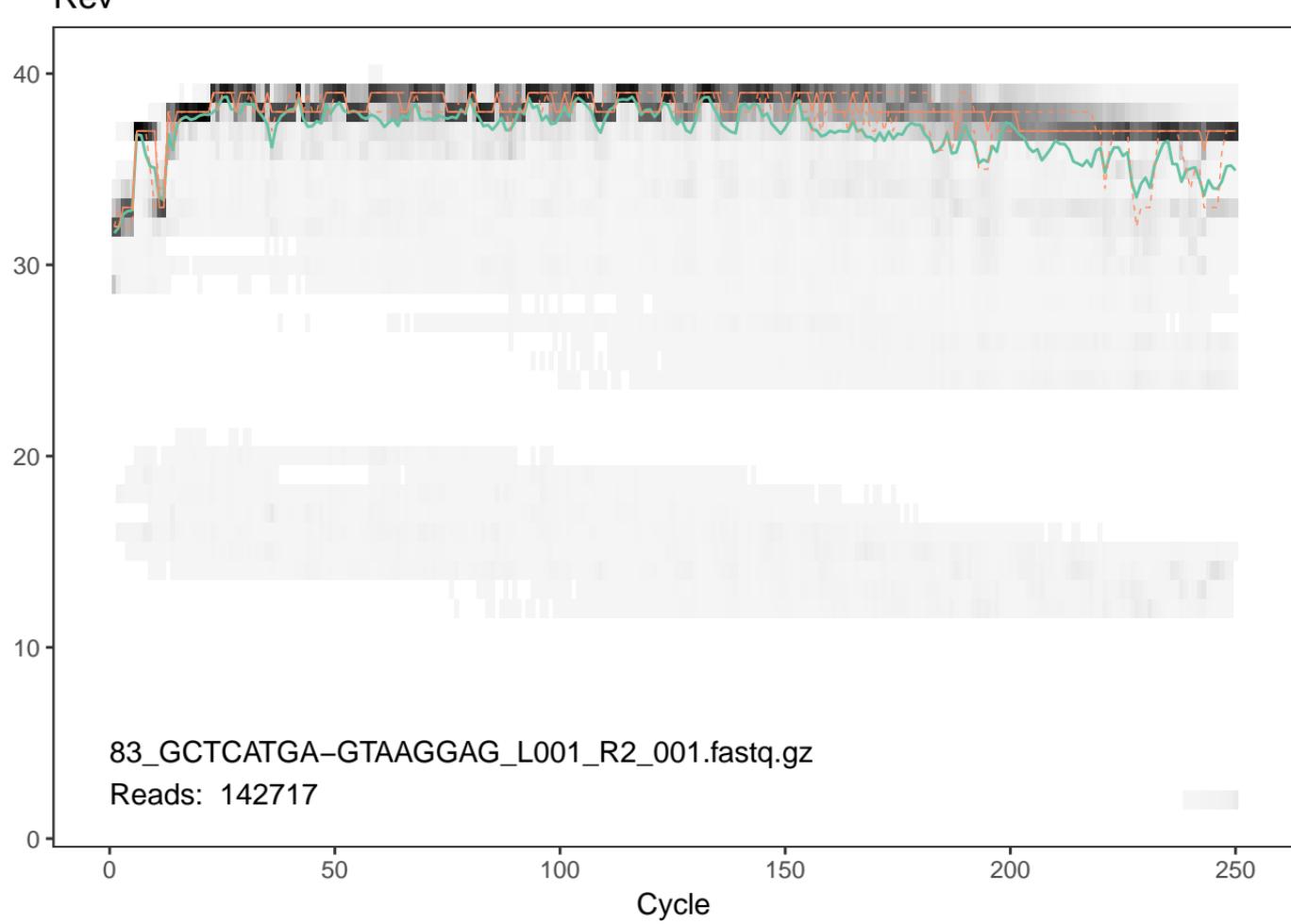
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

84_GCTCATGA-ACTGCATA_L001_R2_001.fastq.gz

Reads: 166865

0

50

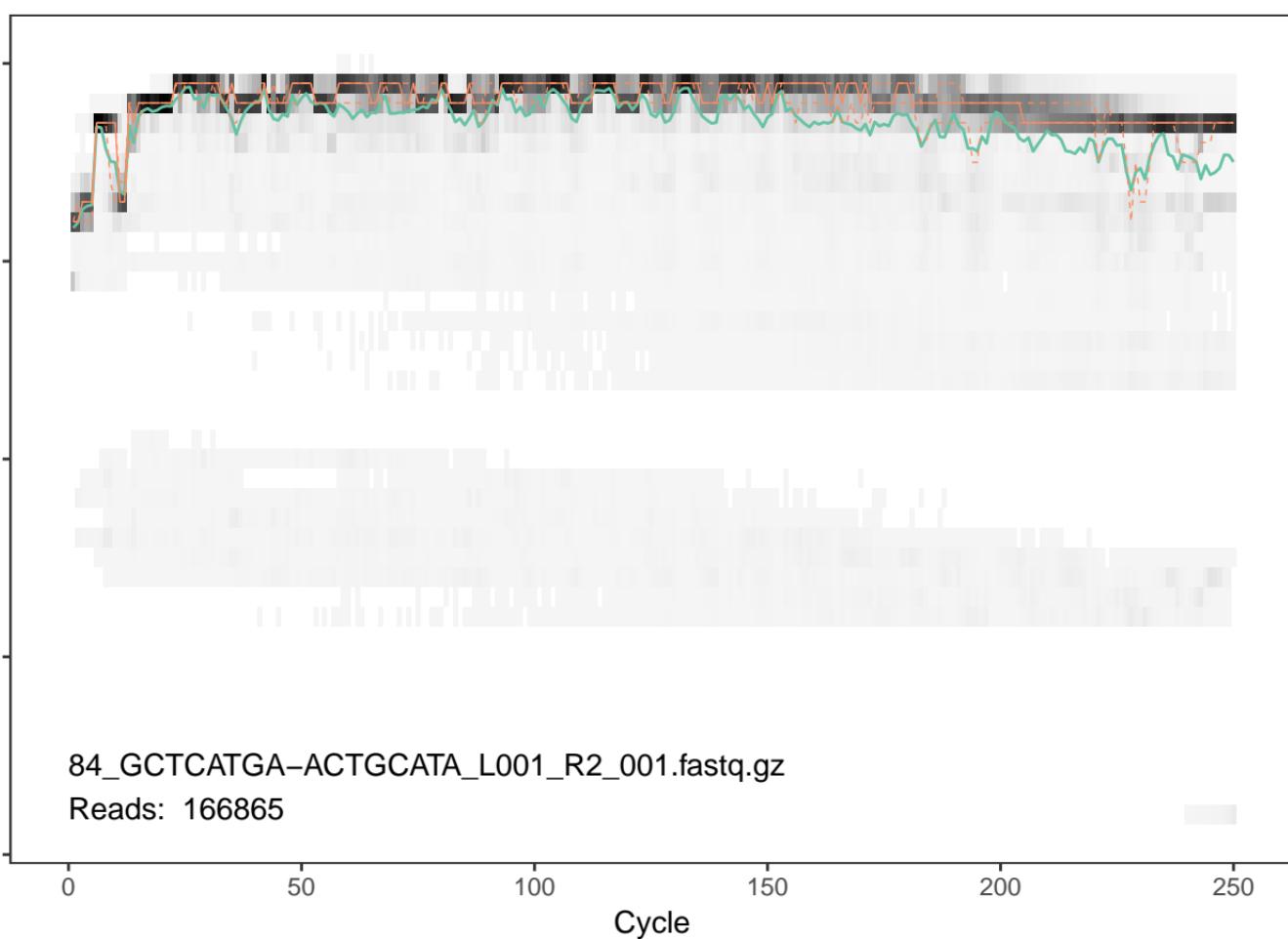
100

150

200

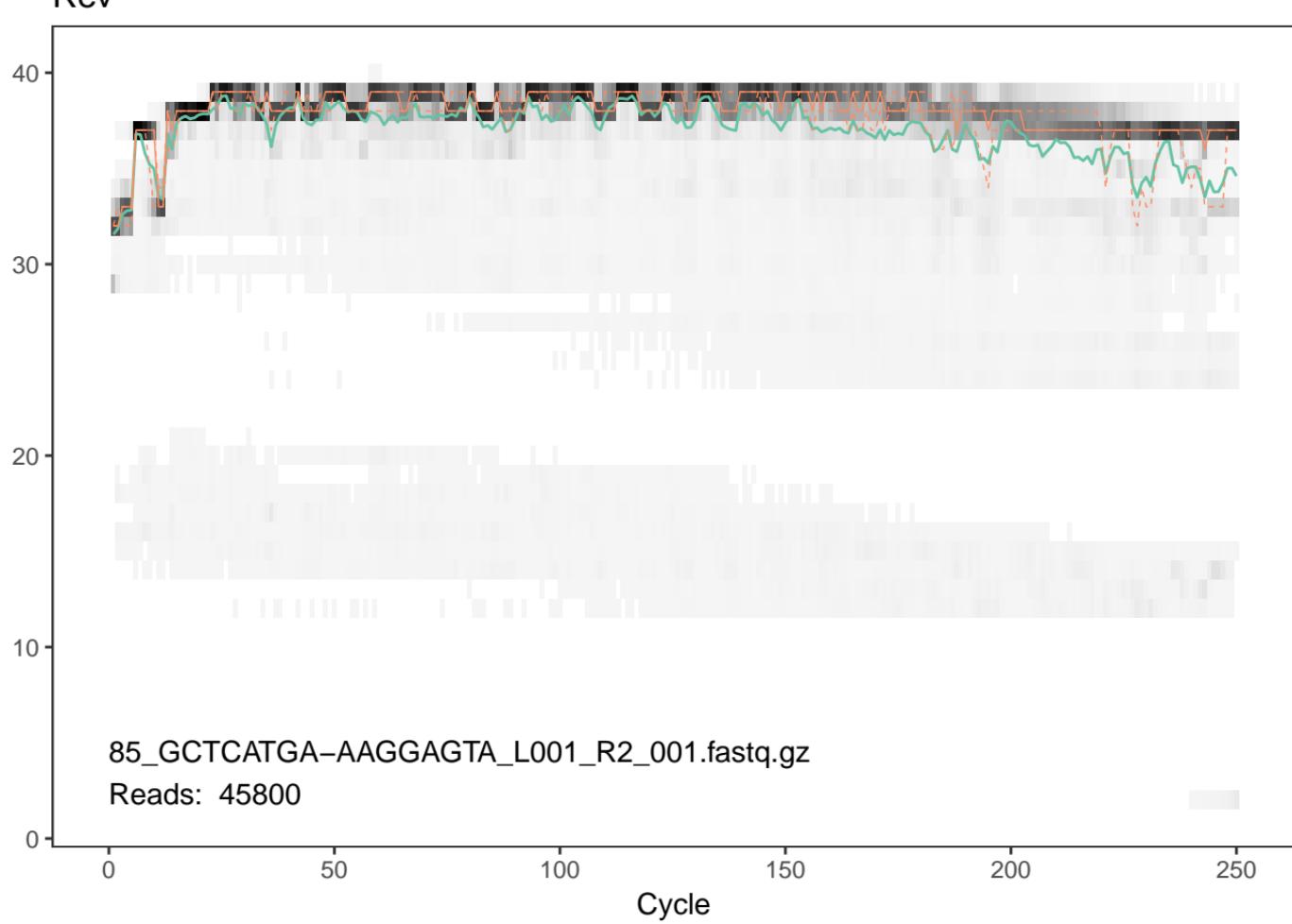
250

Cycle



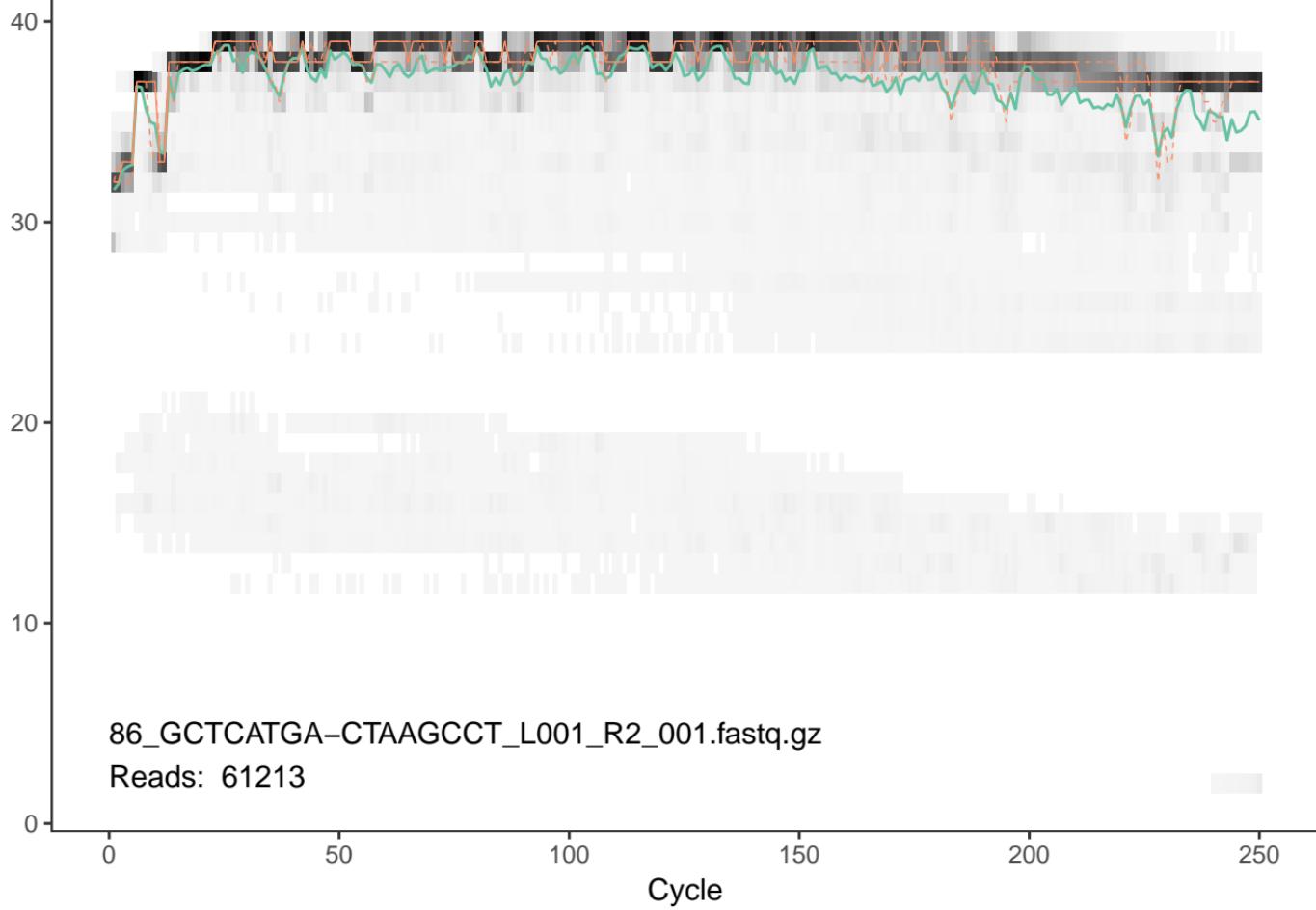
Rev

Quality Score



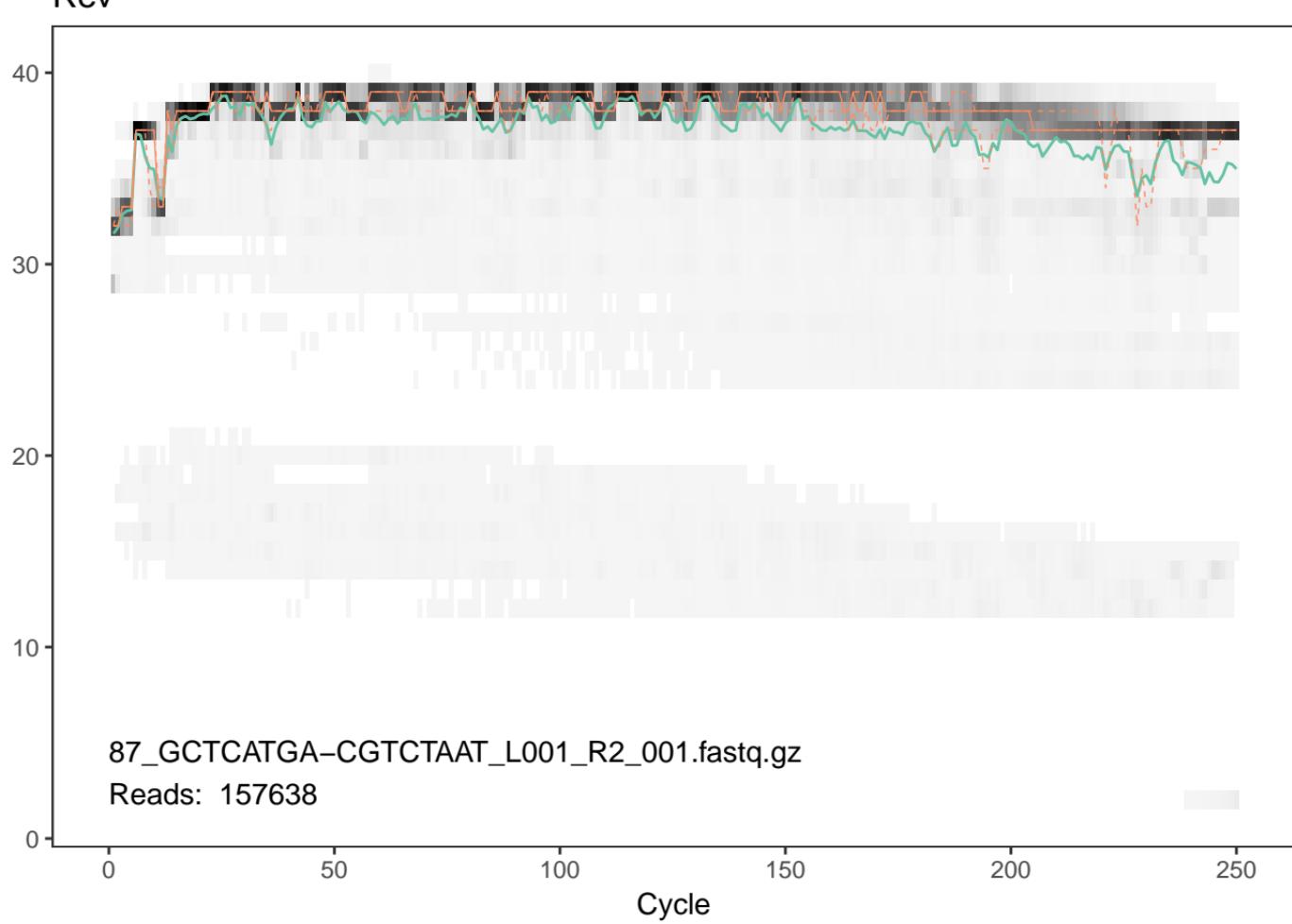
Rev

Quality Score



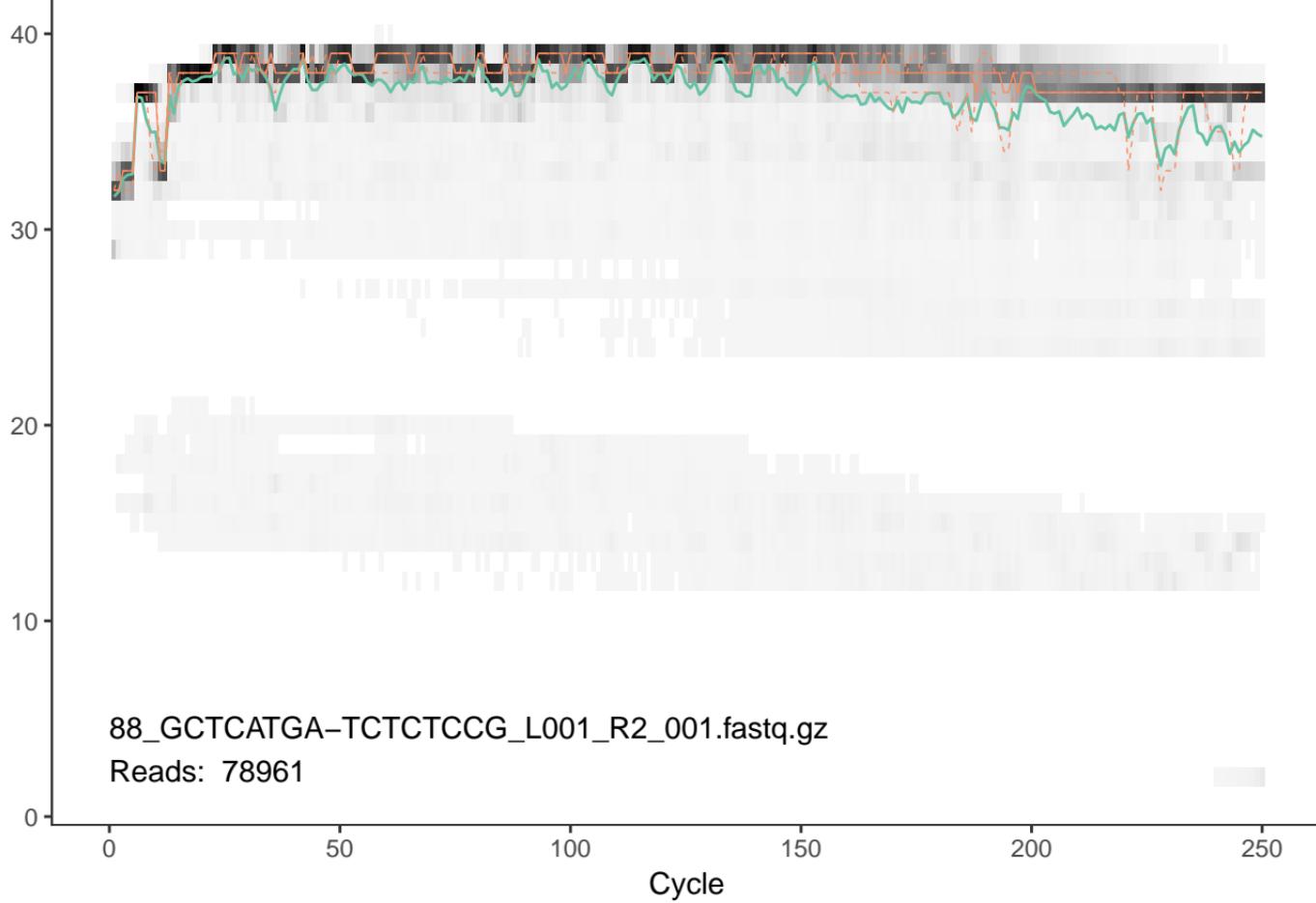
Rev

Quality Score



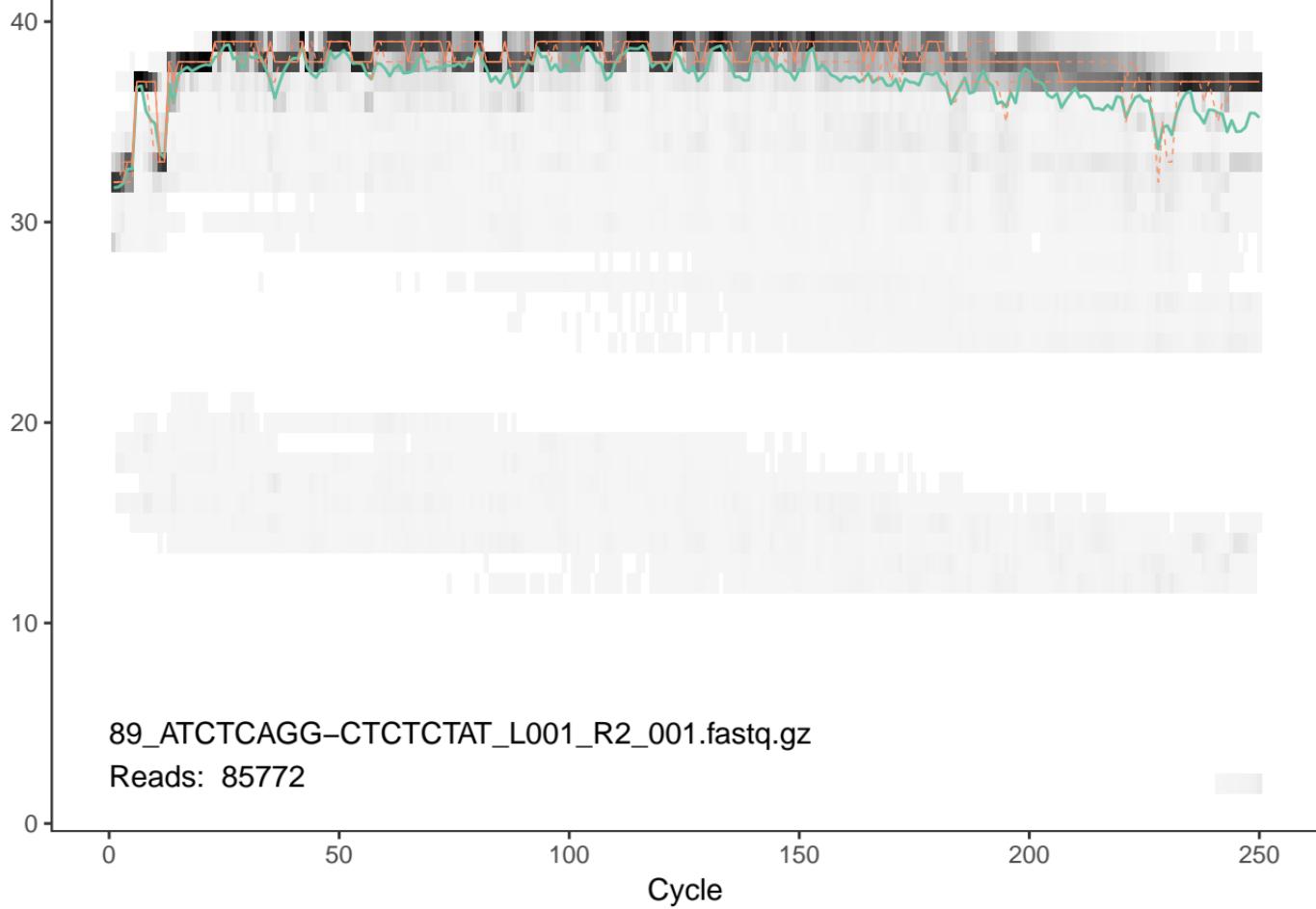
Rev

Quality Score



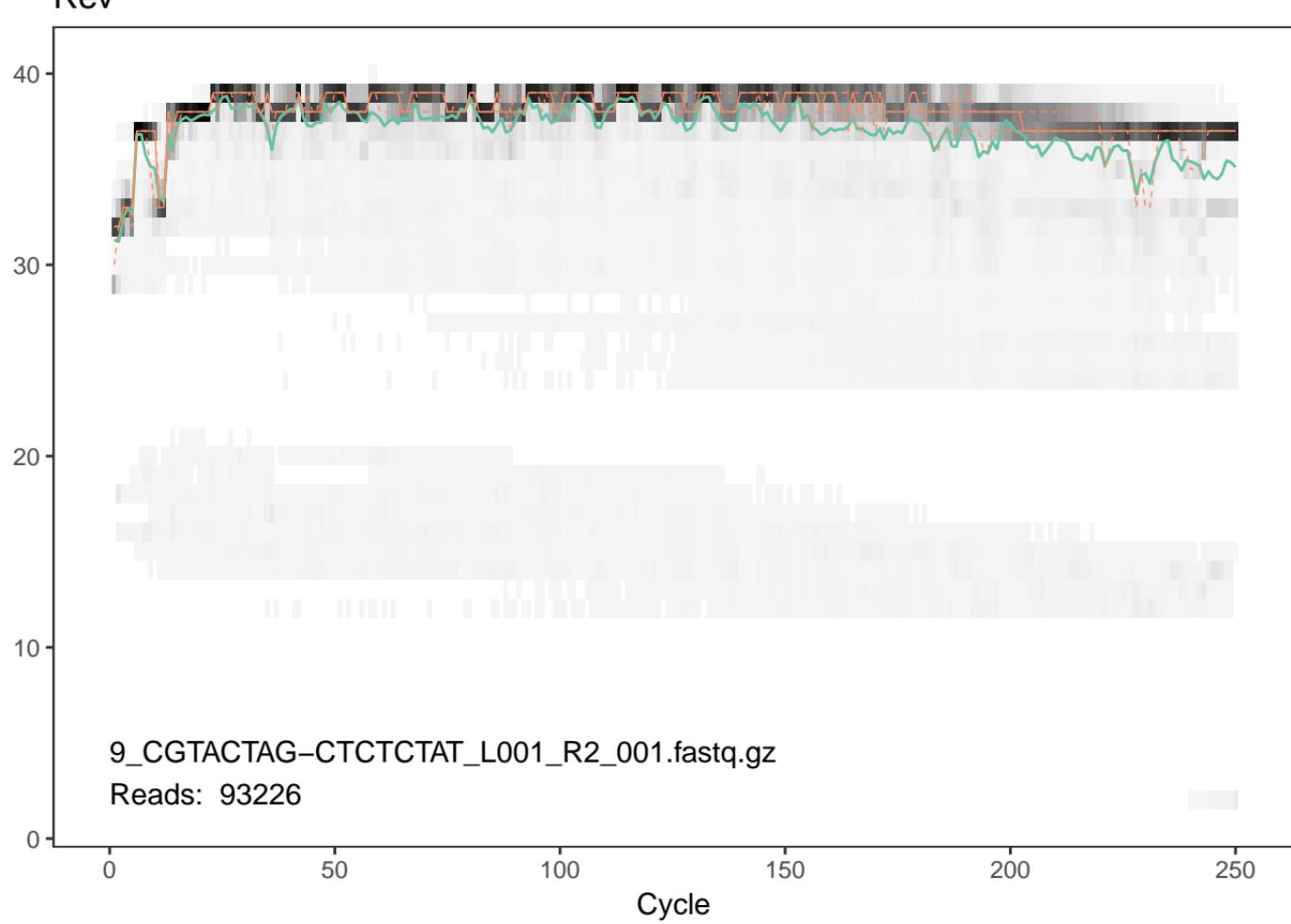
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

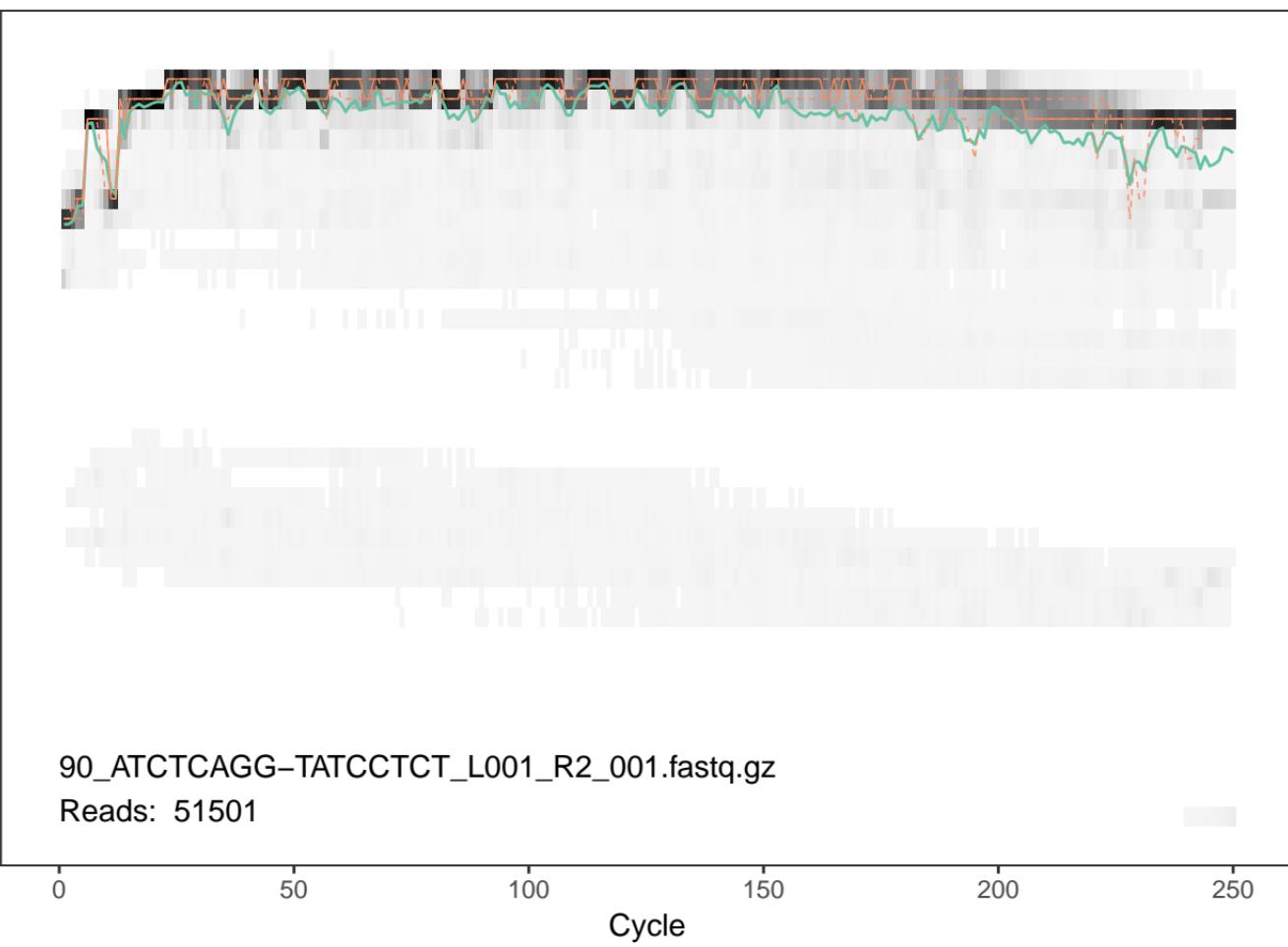
10

0

Cycle

90_ATCTCAGG-TATCCTCT_L001_R2_001.fastq.gz

Reads: 51501



Rev

Quality Score

40

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20

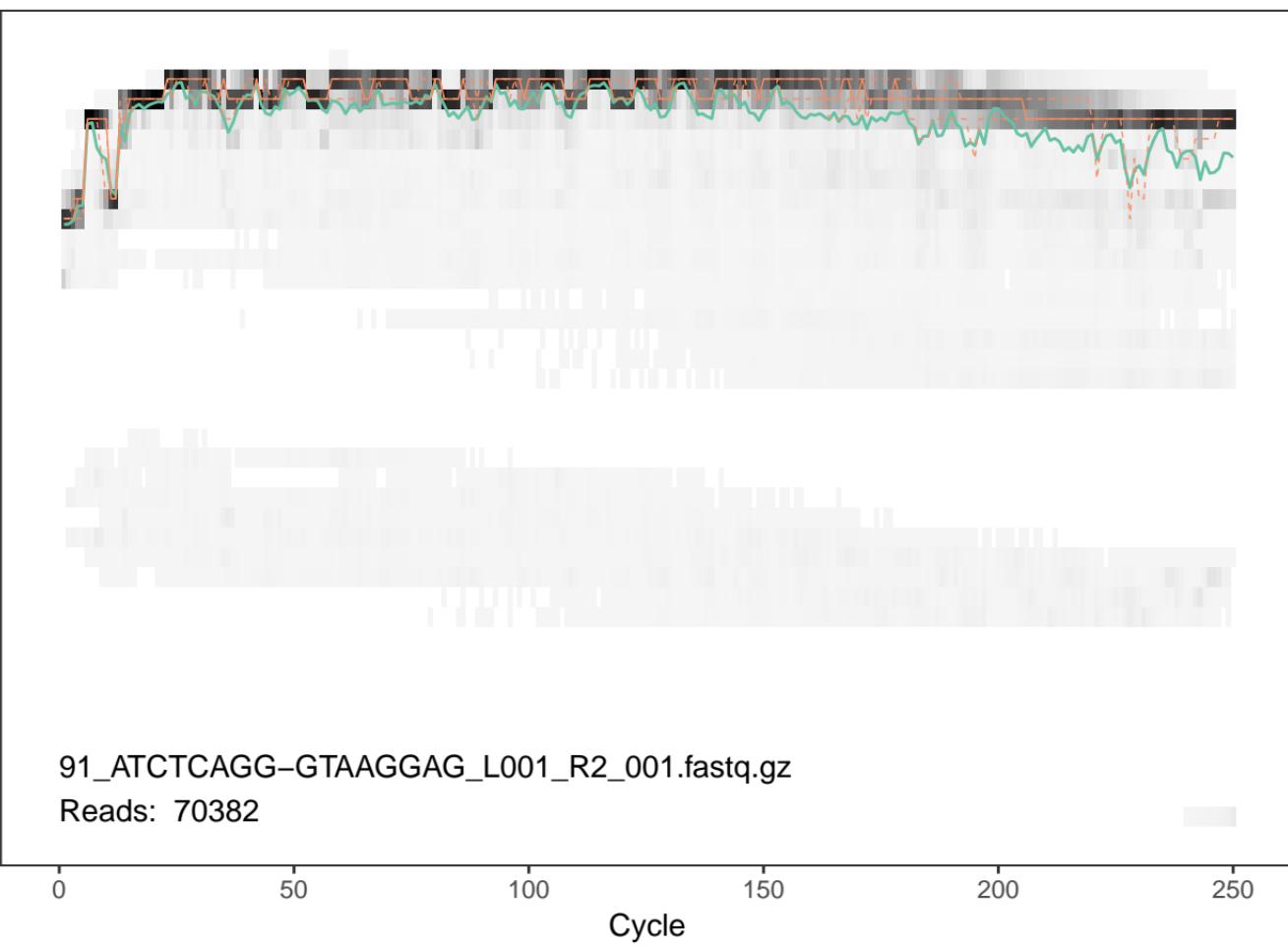
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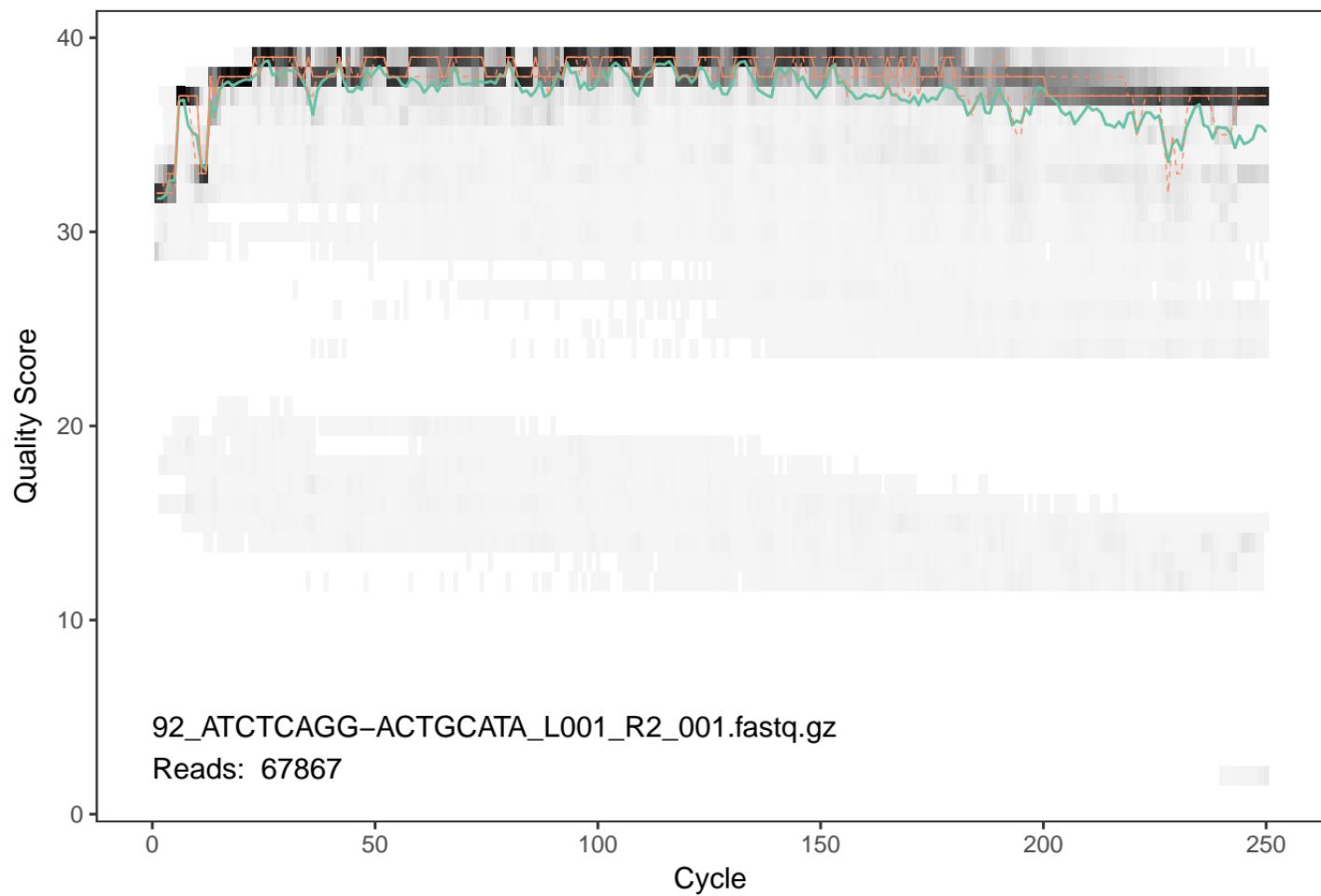
Cycle

91_ATCTCAGG-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 70382



Rev



Rev

Quality Score

40

30

20

10

0

93_ATCTCAGG-AAGGAGTA_L001_R2_001.fastq.gz

Reads: 93761

0

50

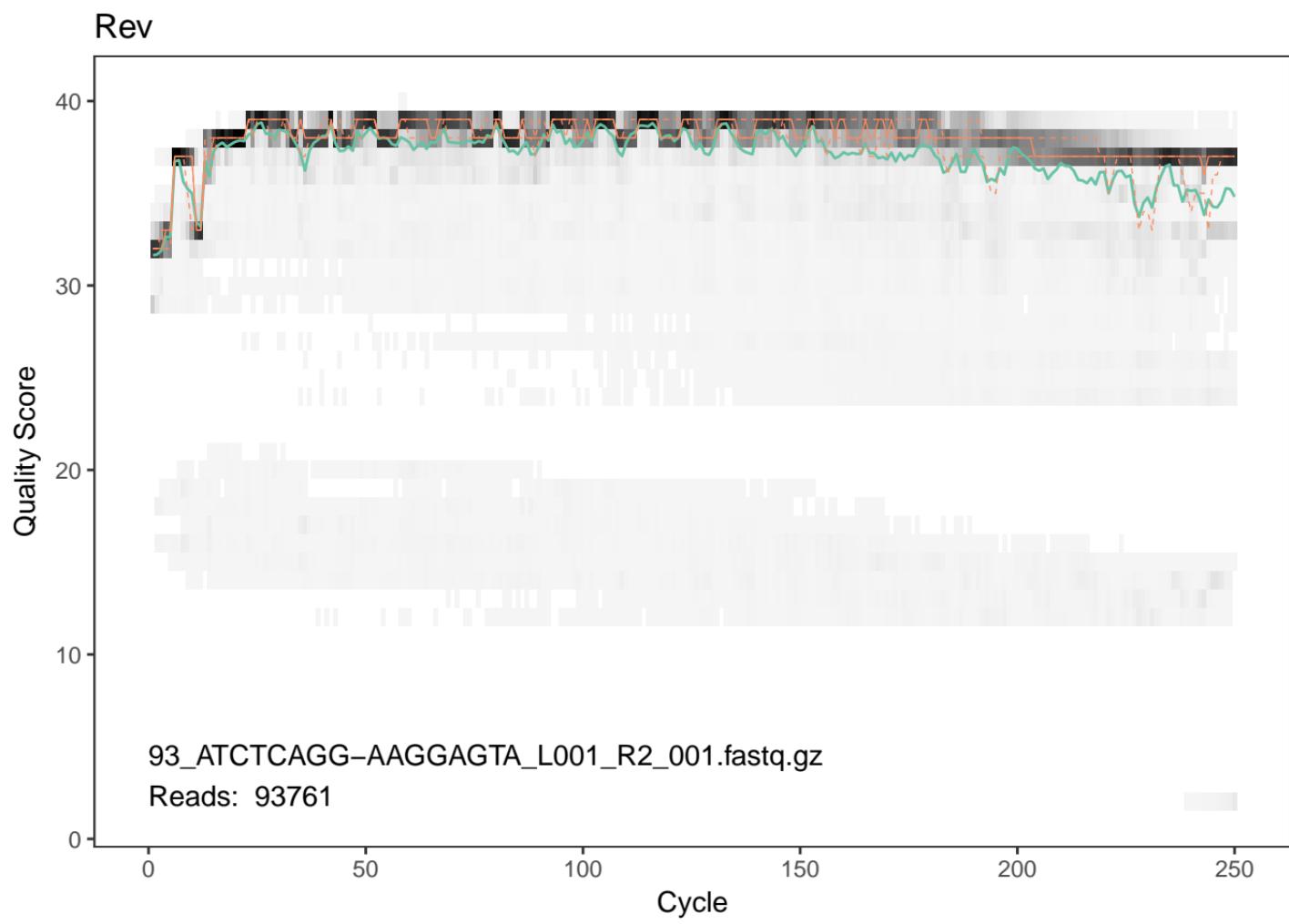
100

150

200

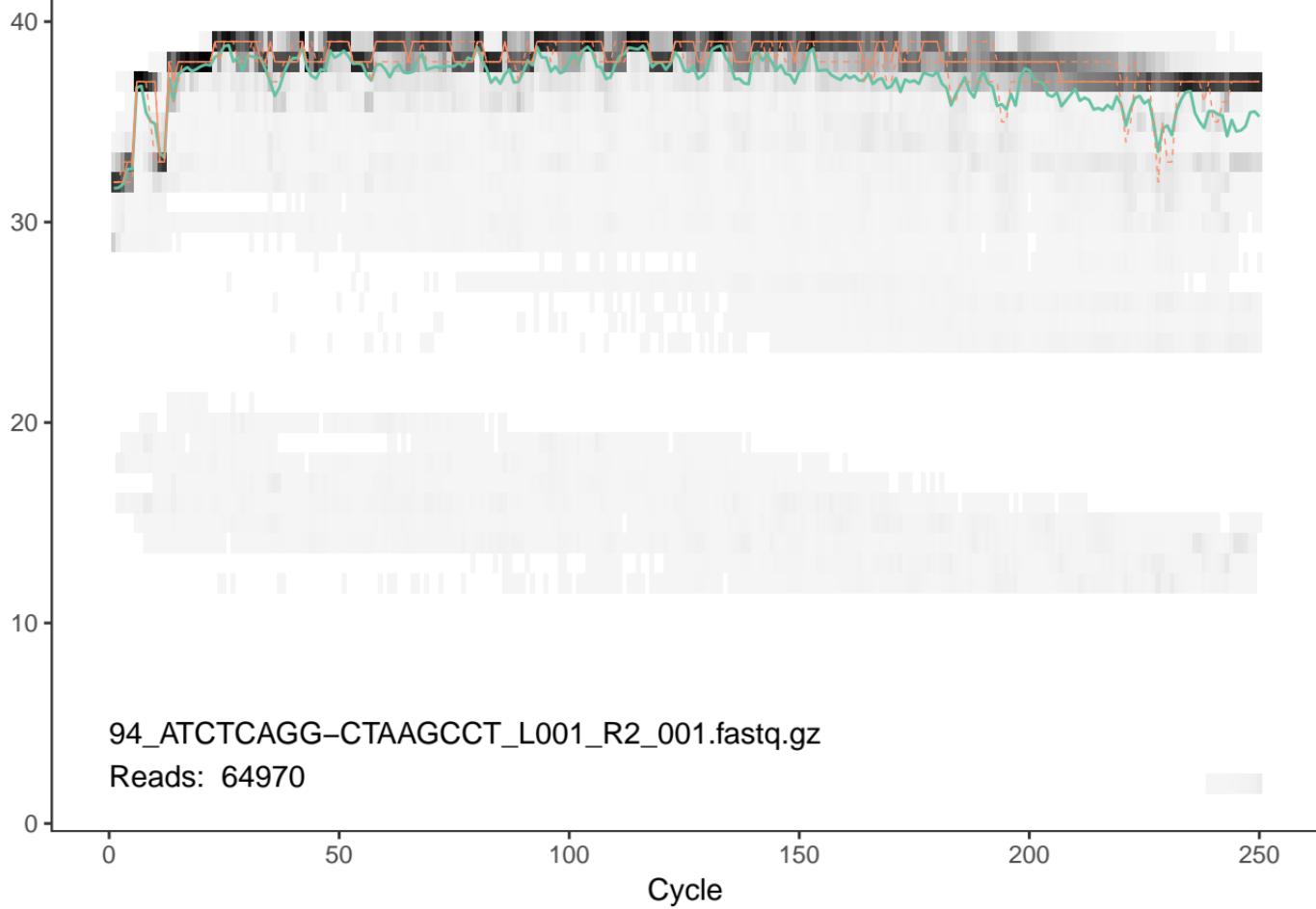
250

Cycle



Rev

Quality Score



Rev

Quality Score

40

30

20

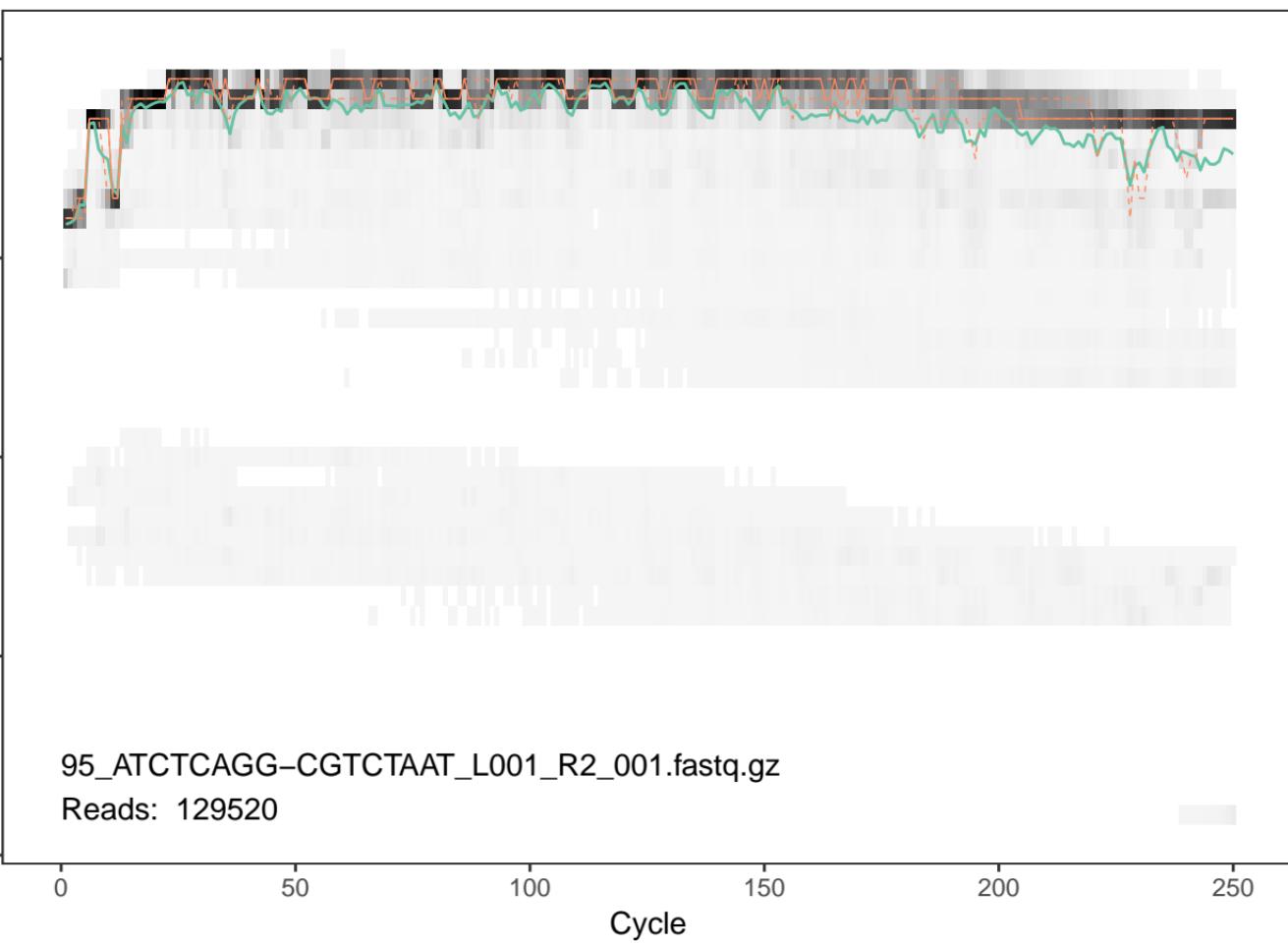
10

0

Cycle

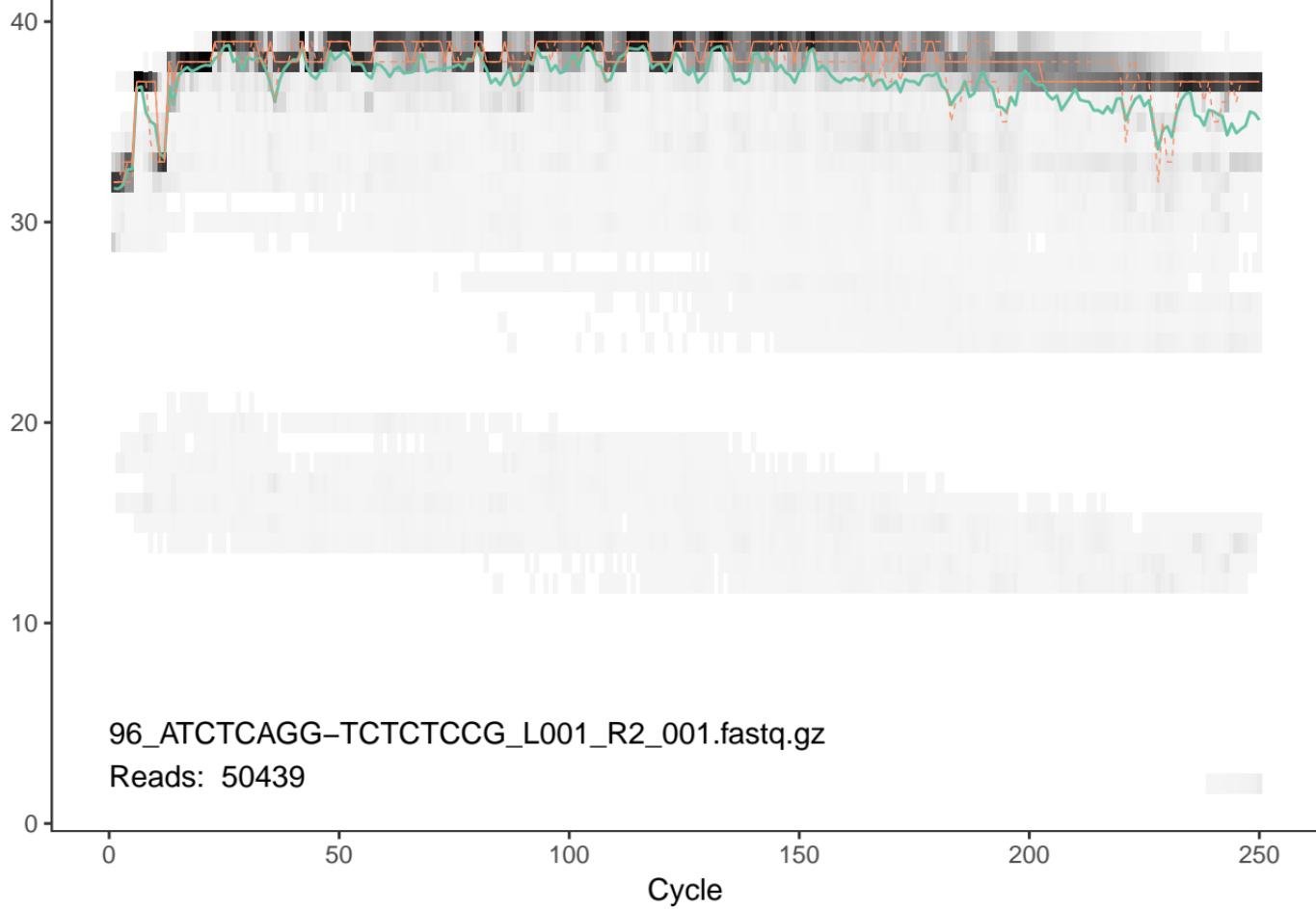
95_ATCTCAGG-CGTCTAAT_L001_R2_001.fastq.gz

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

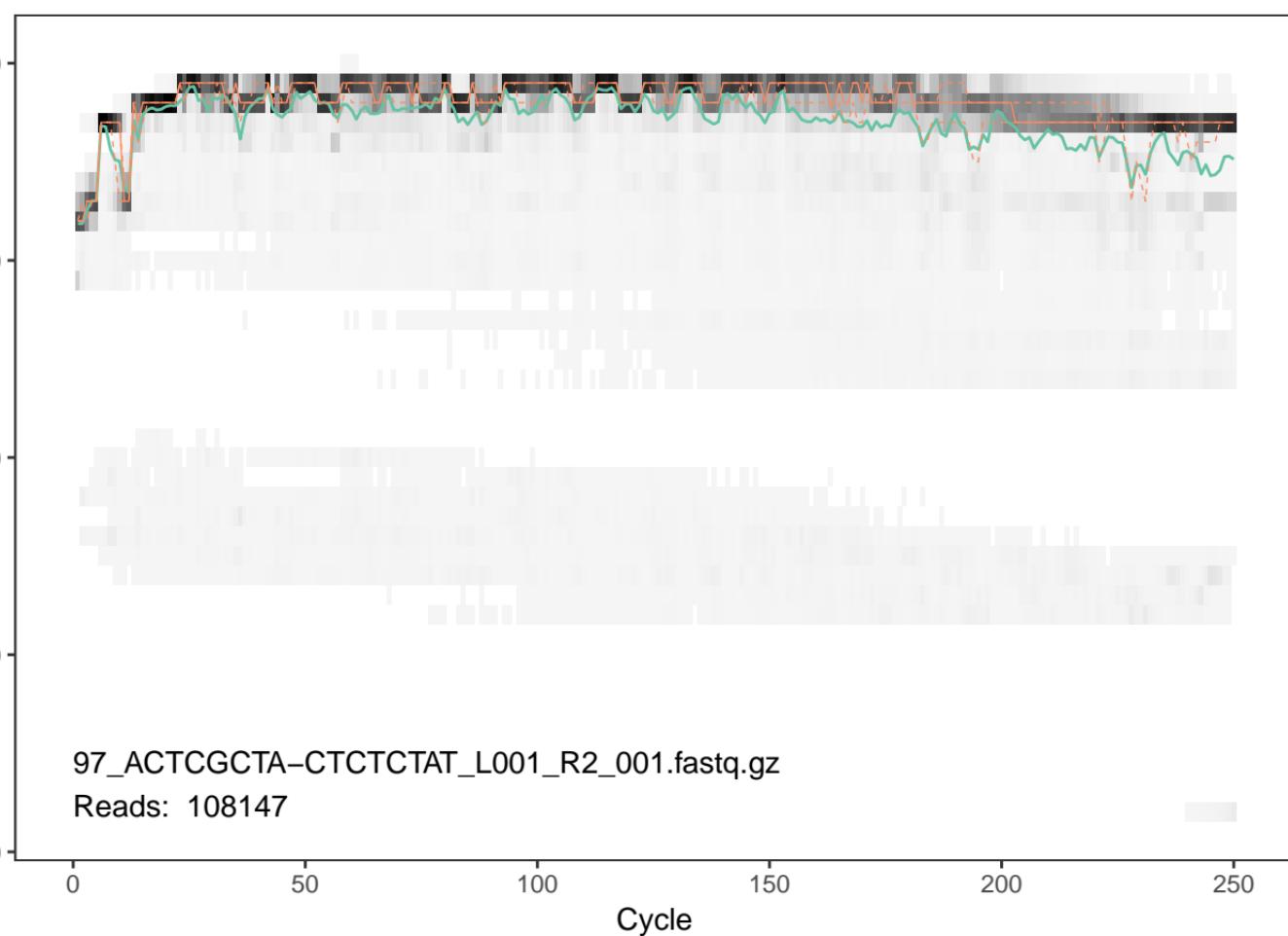
100

150

200

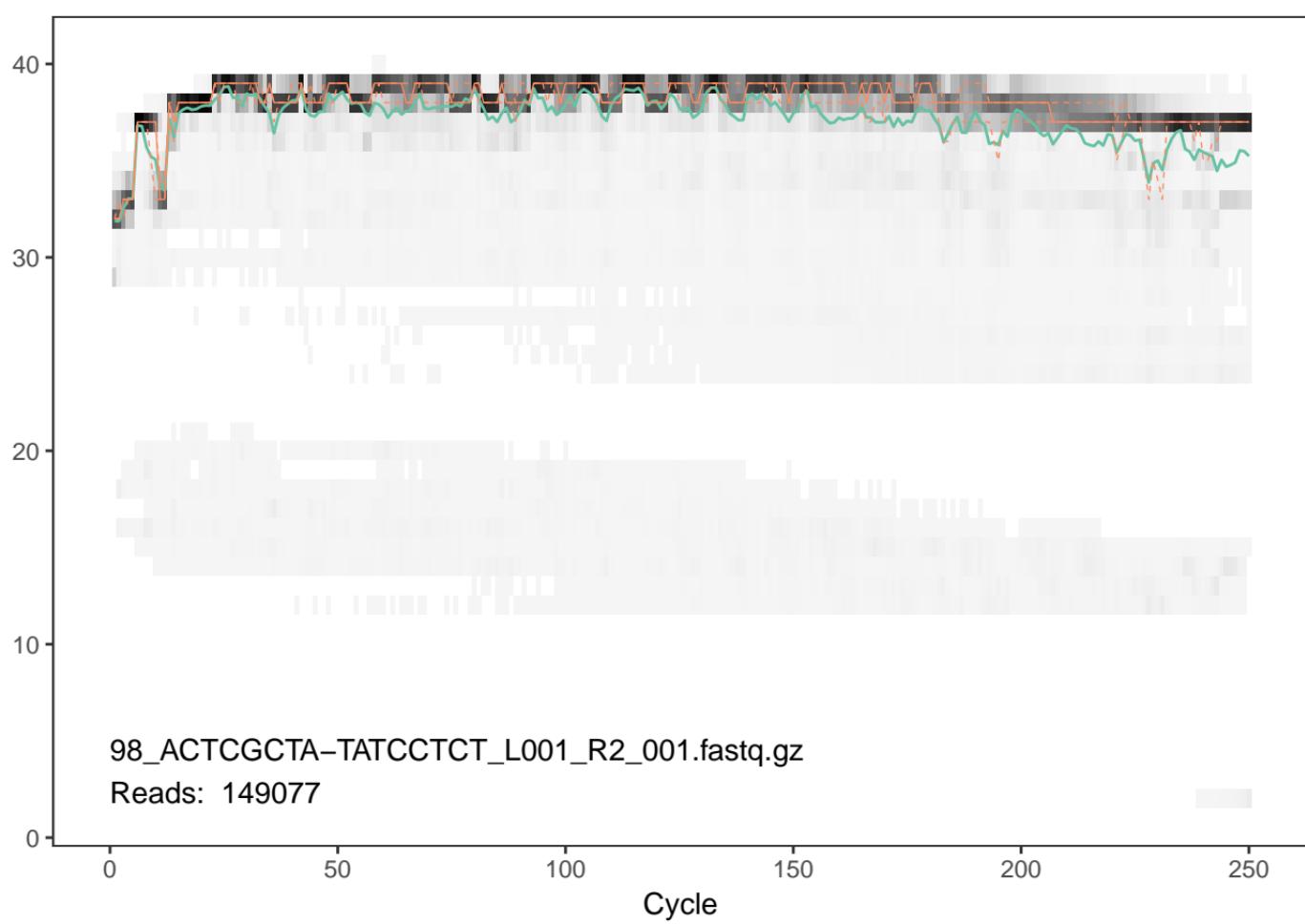
250

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

