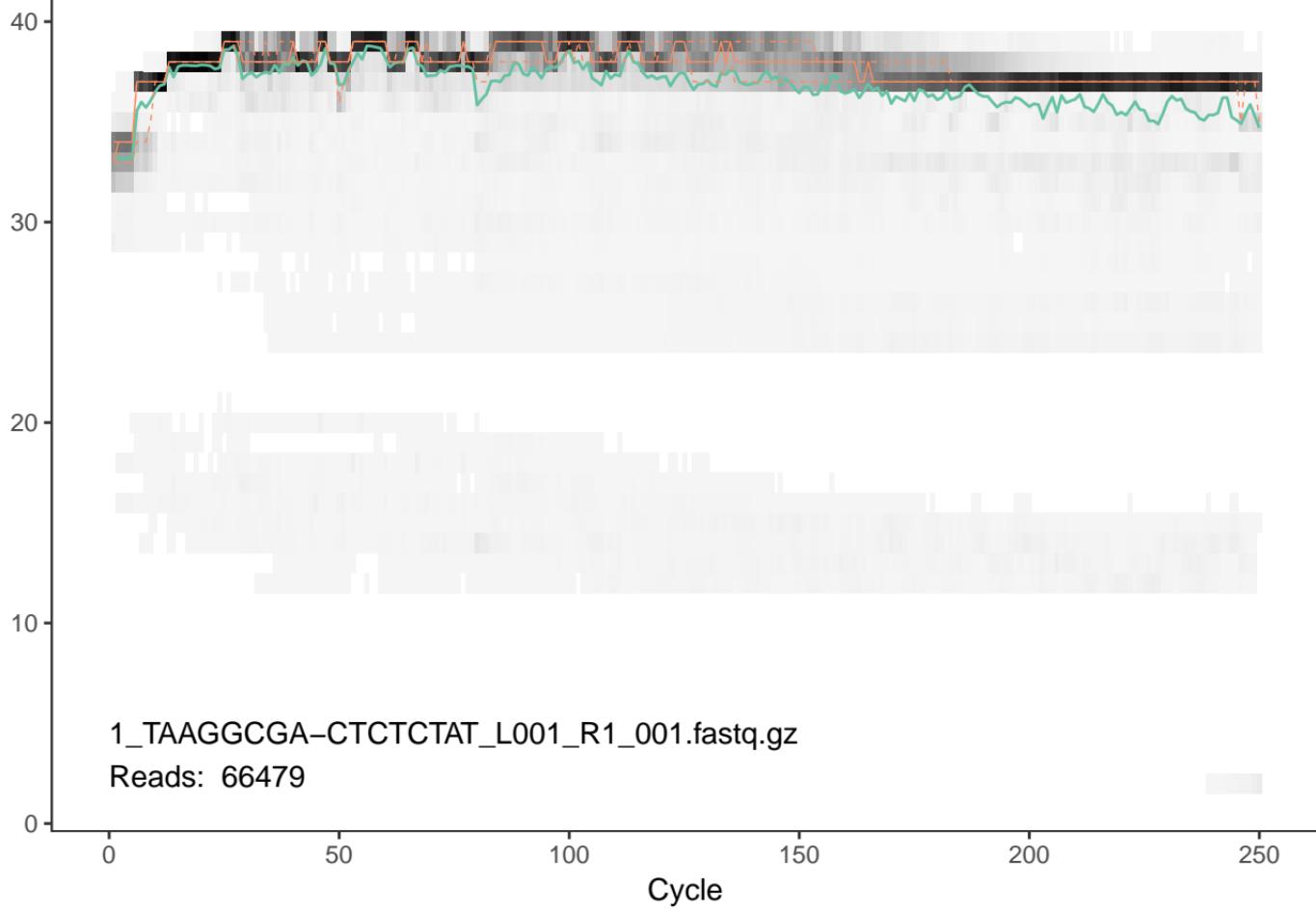


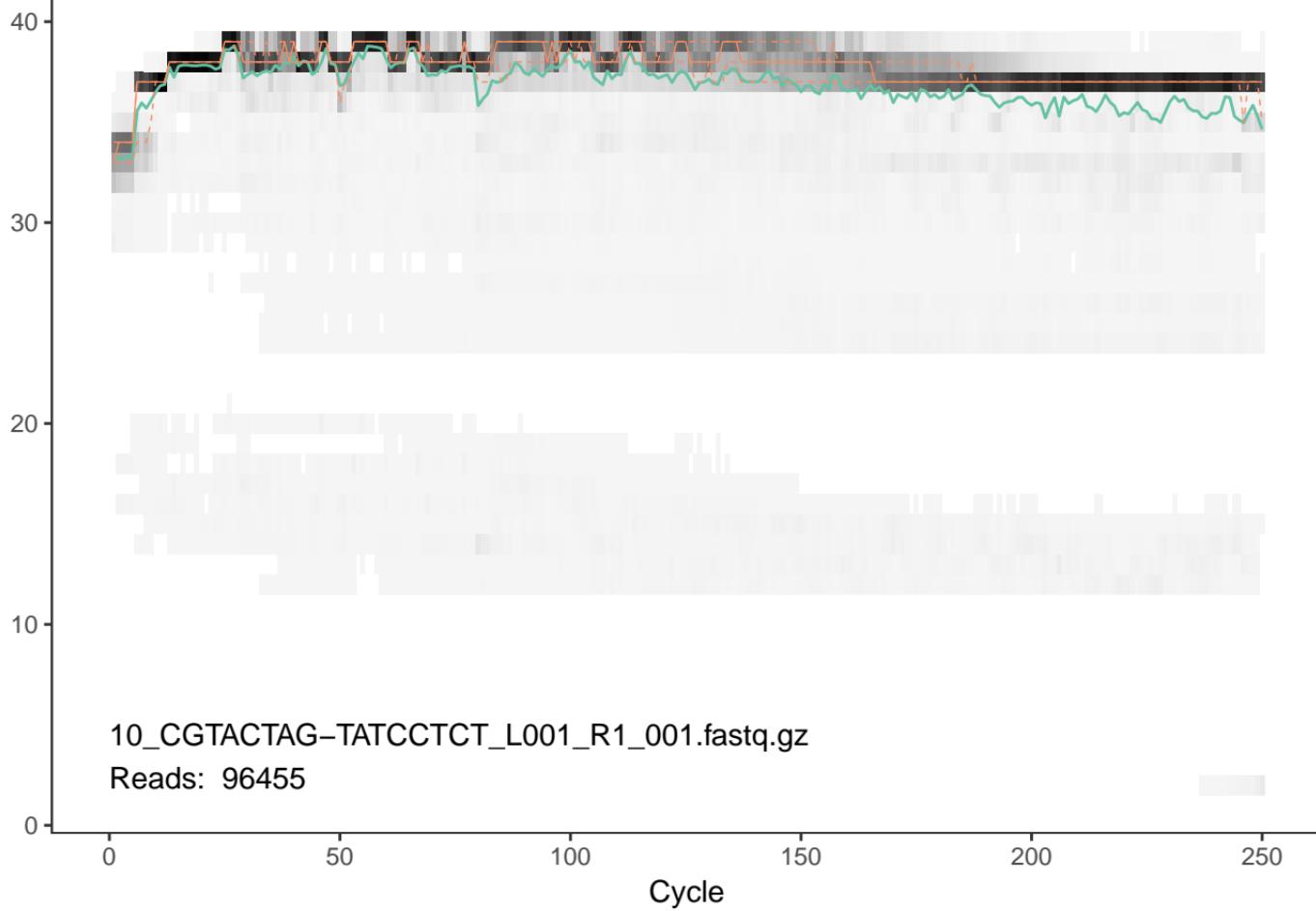
Fwd

Quality Score



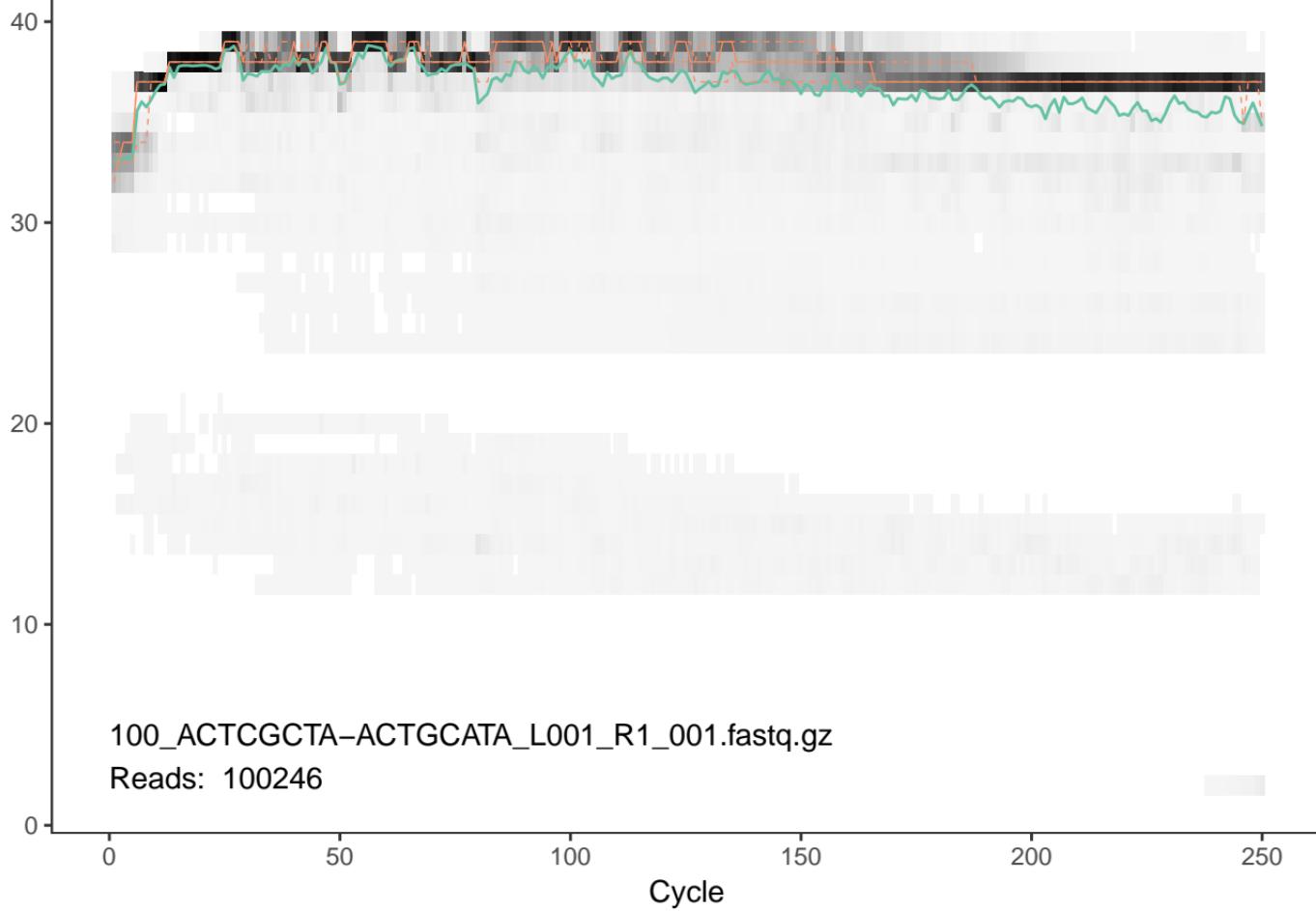
Fwd

Quality Score



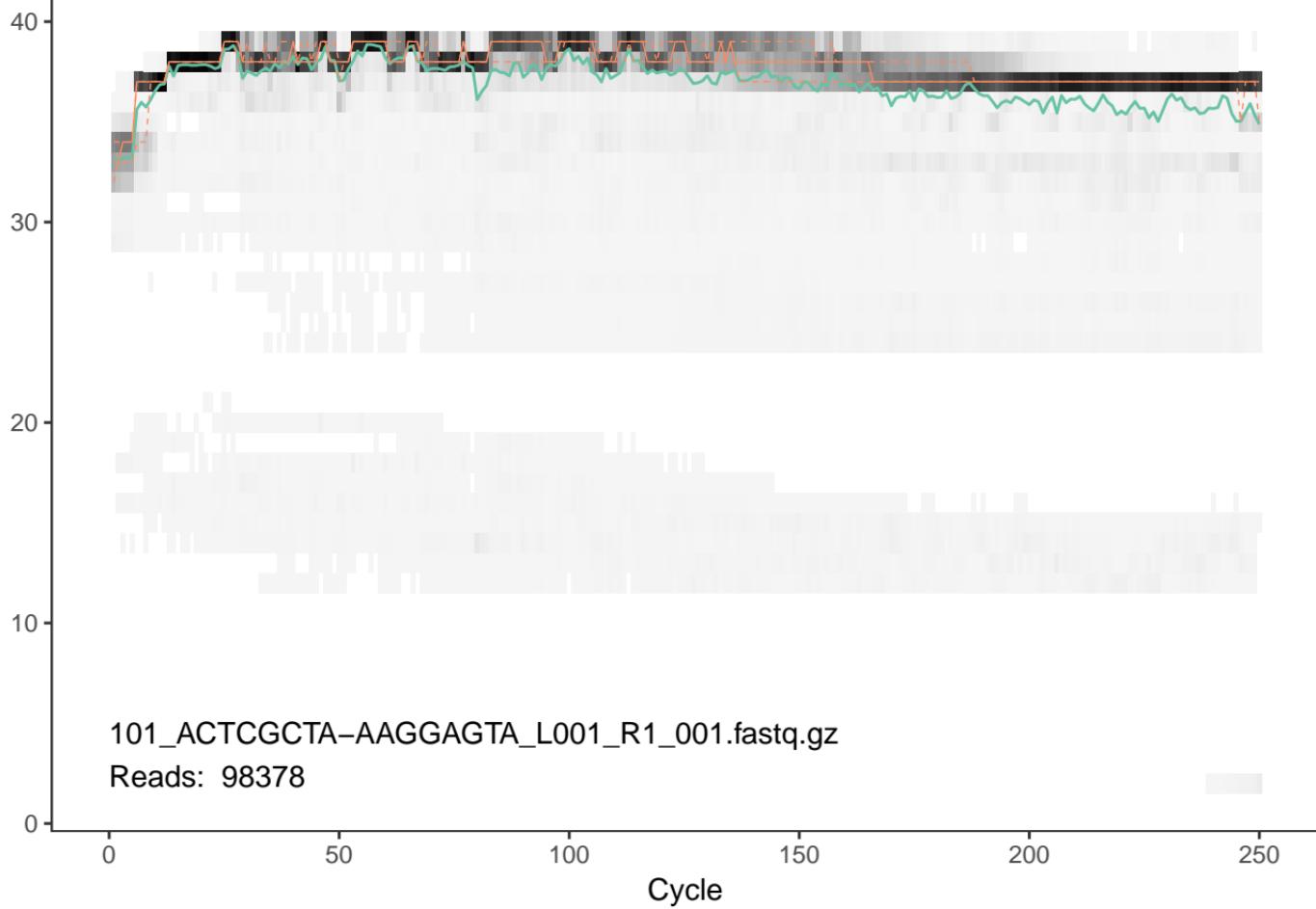
Fwd

Quality Score



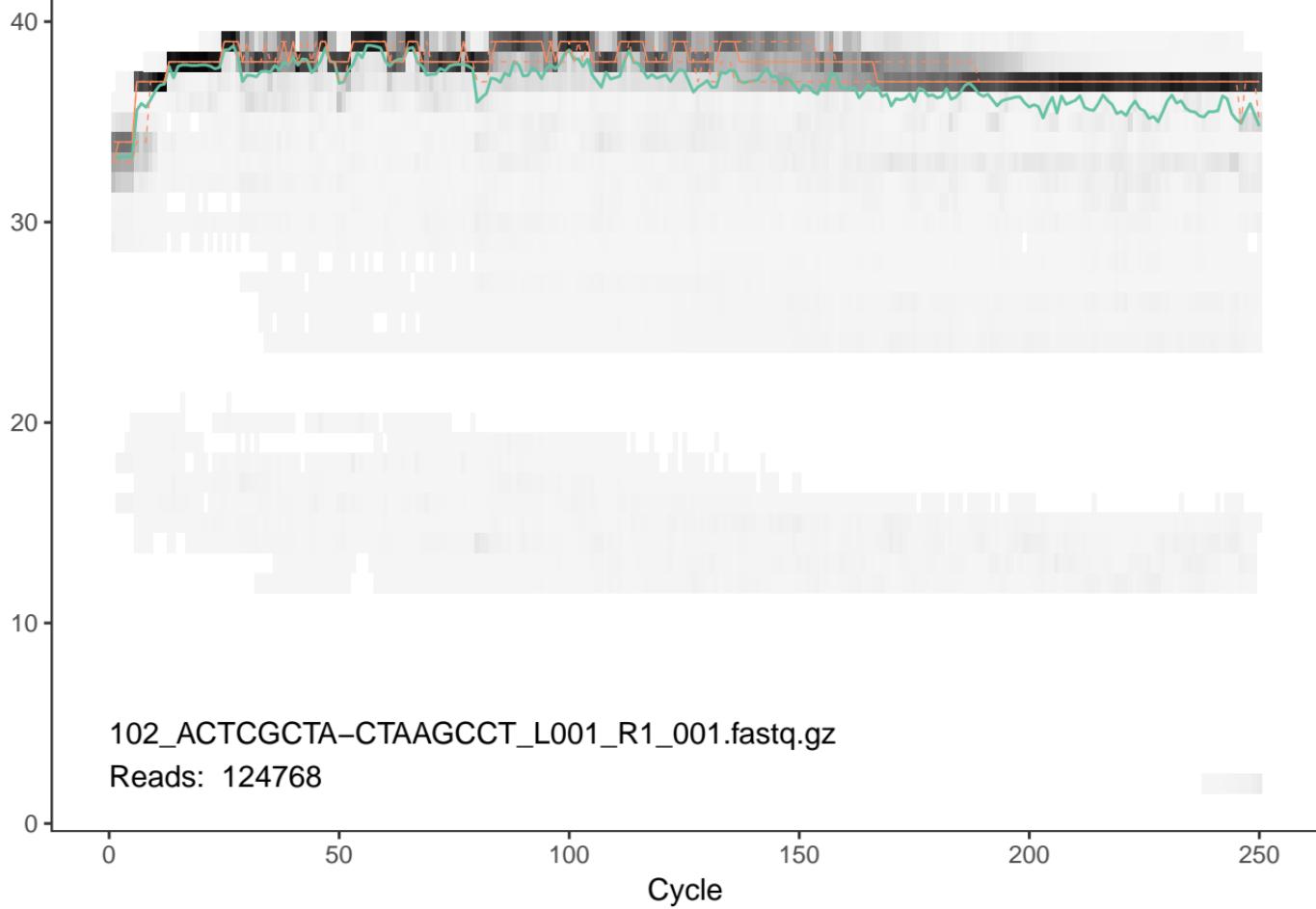
Fwd

Quality Score



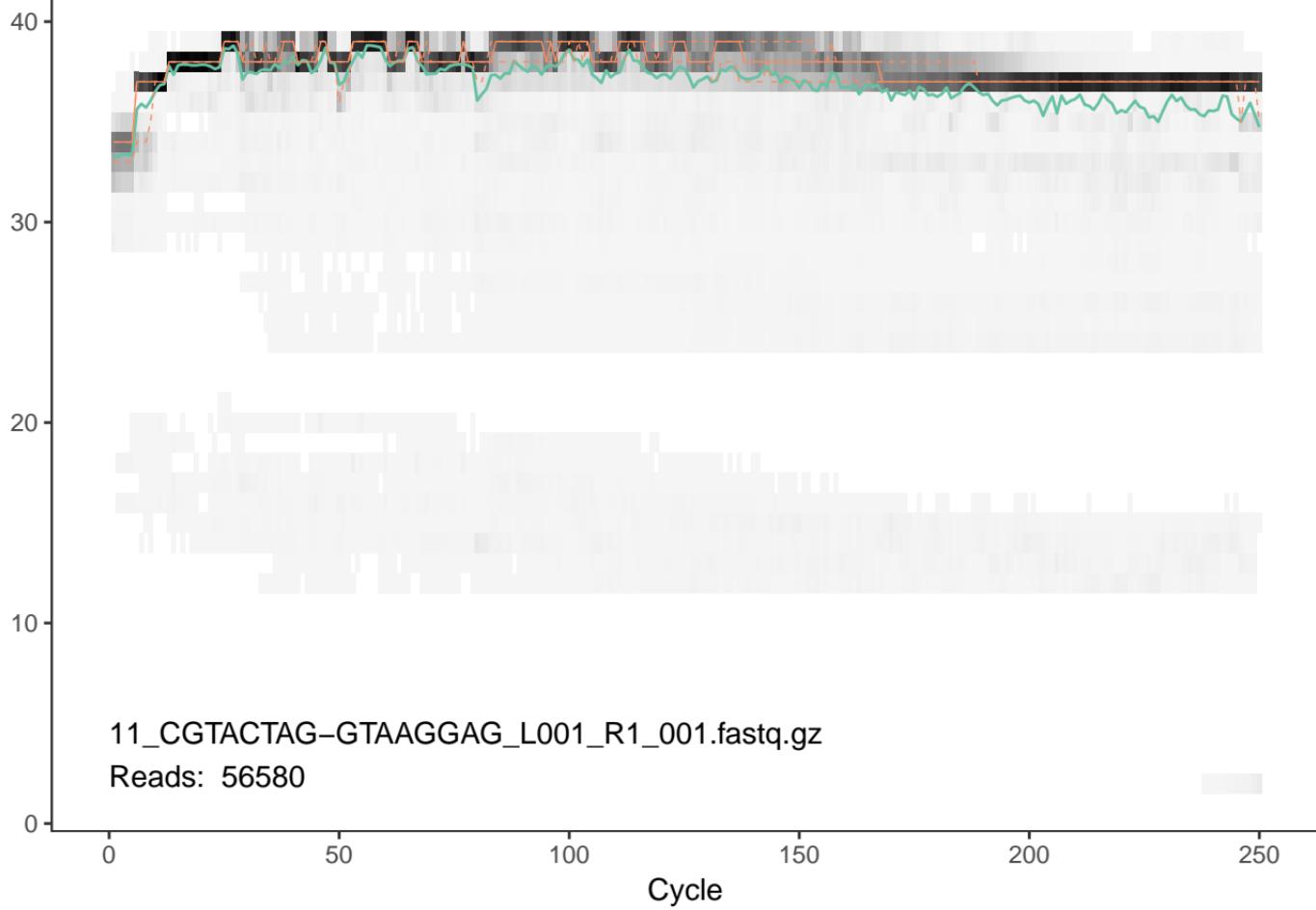
Fwd

Quality Score



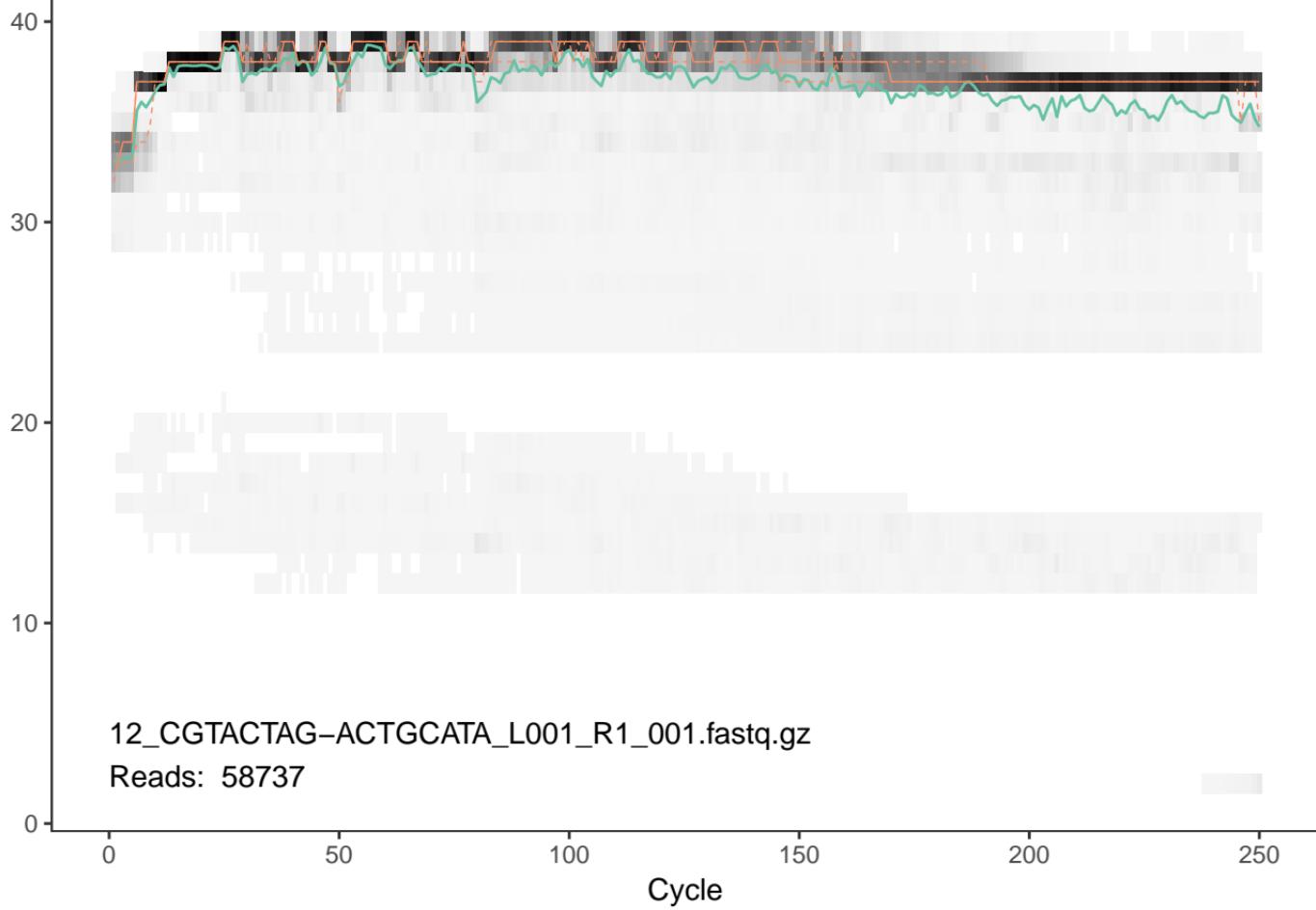
Fwd

Quality Score



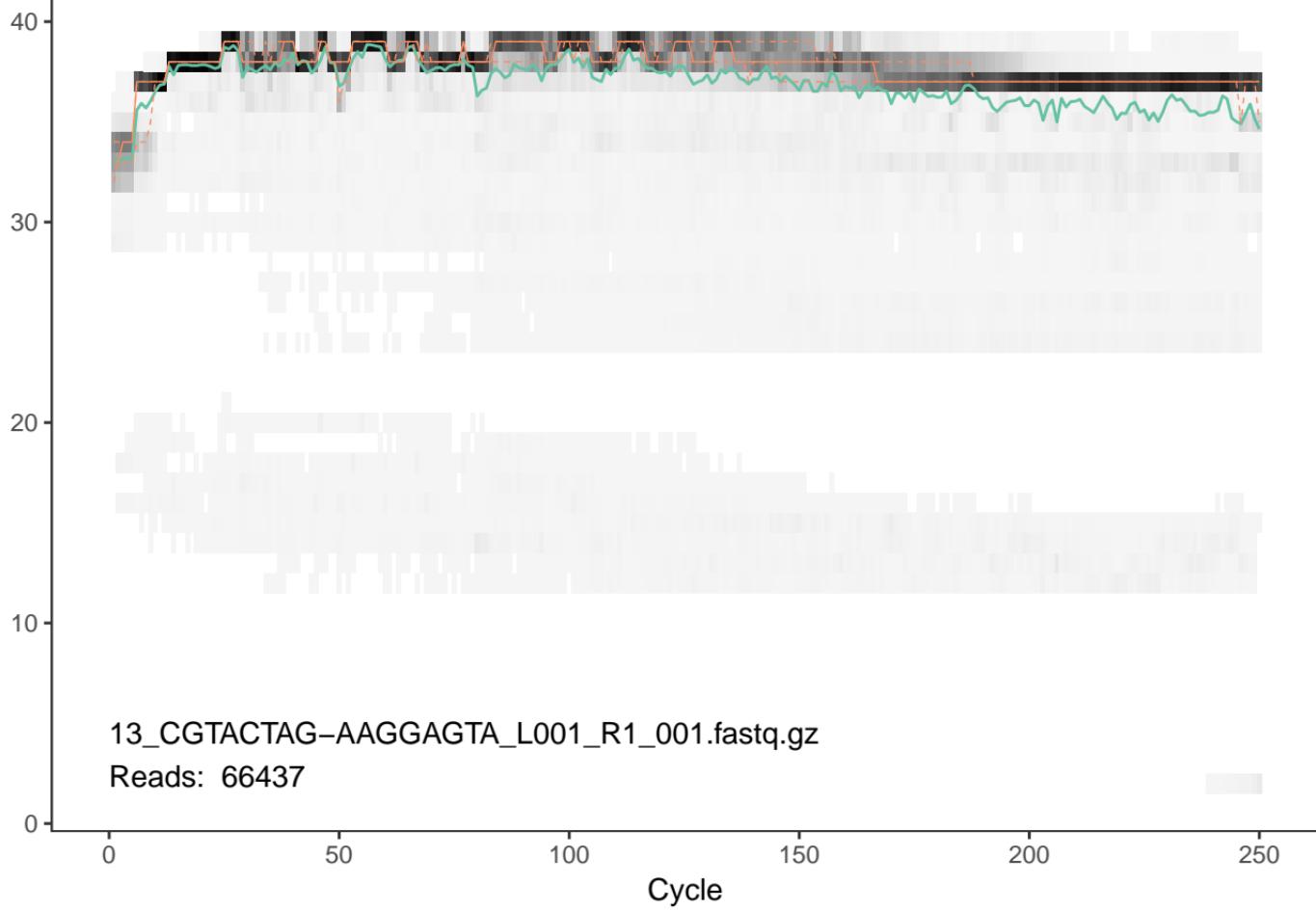
Fwd

Quality Score



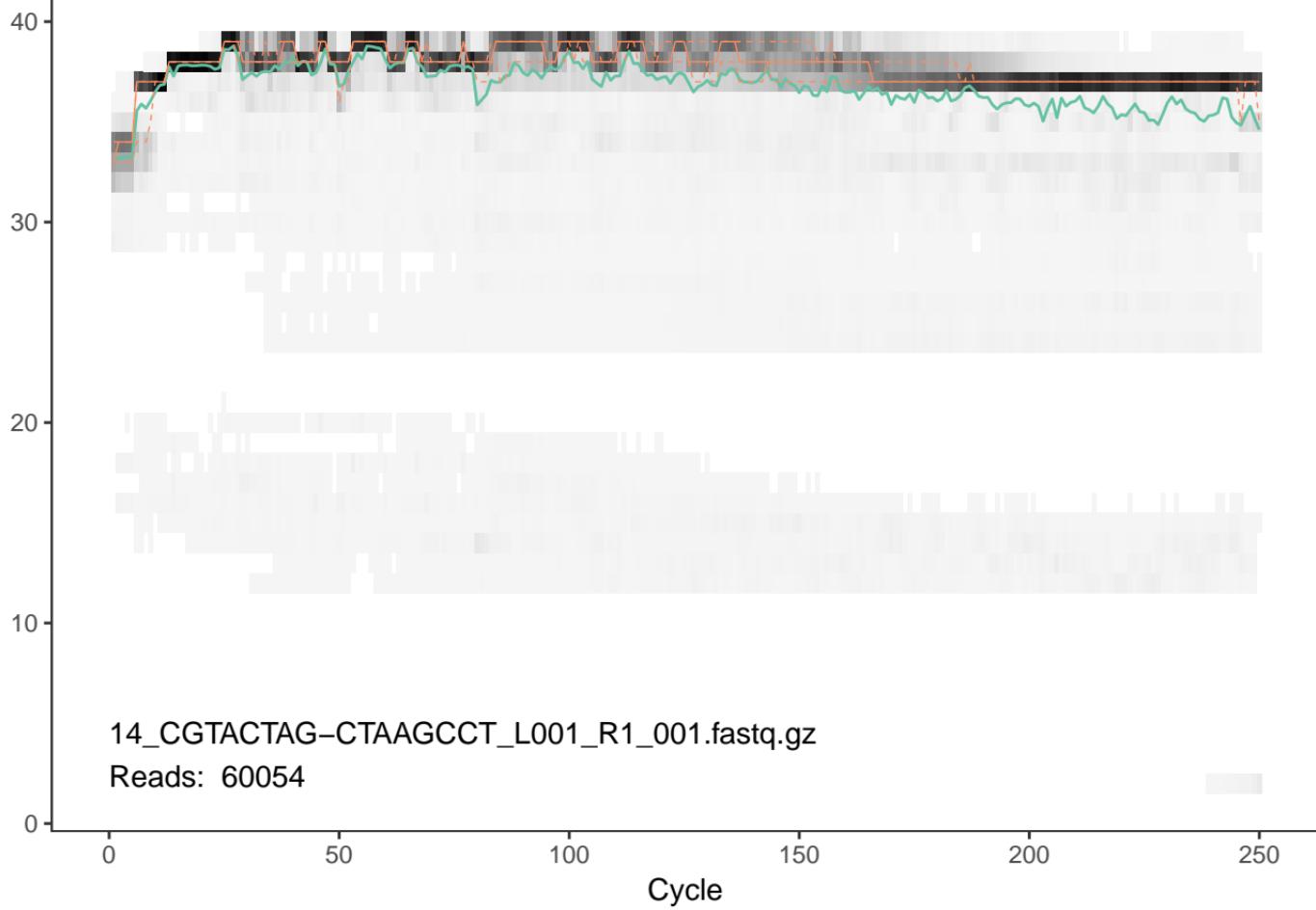
Fwd

Quality Score



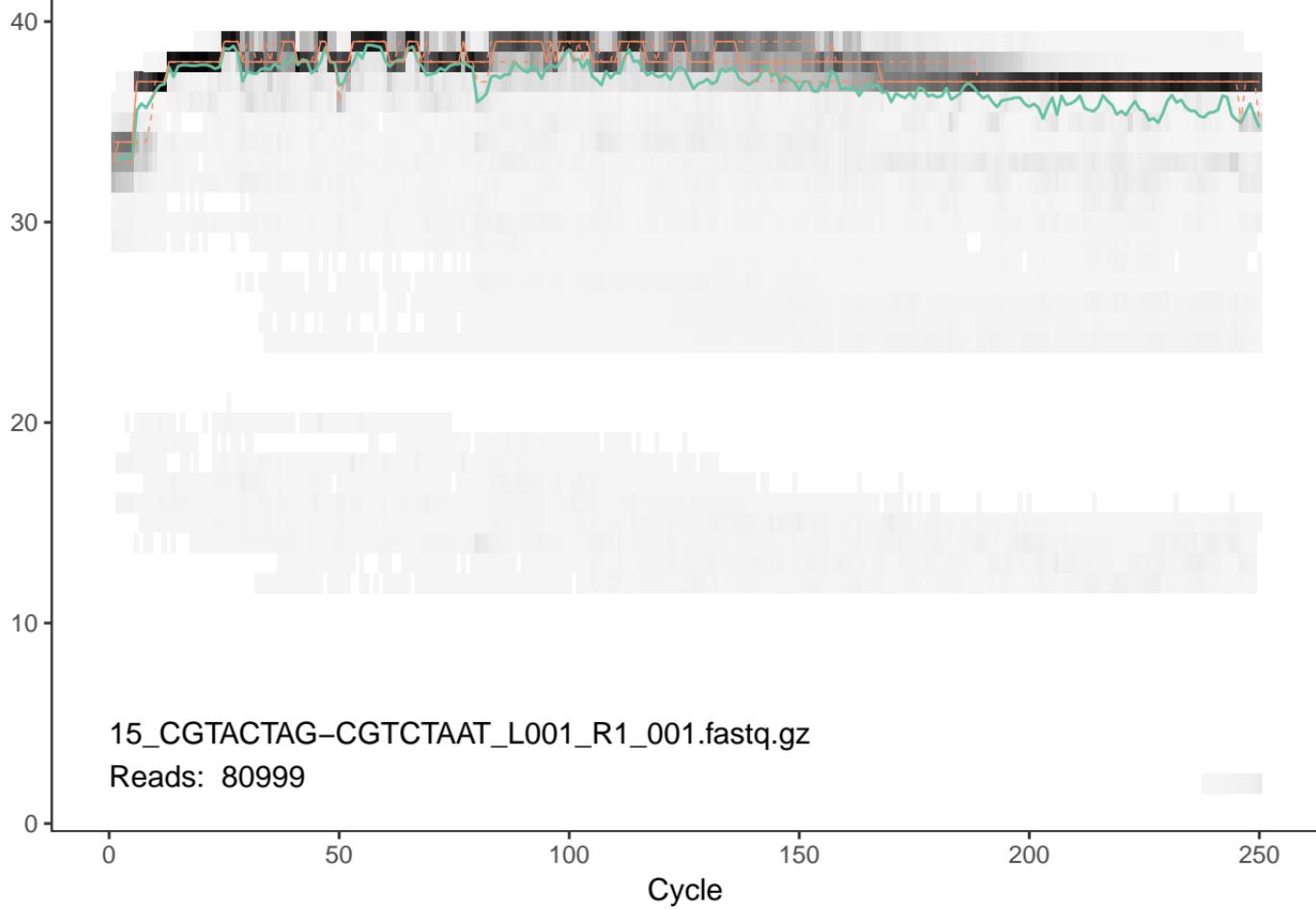
Fwd

Quality Score



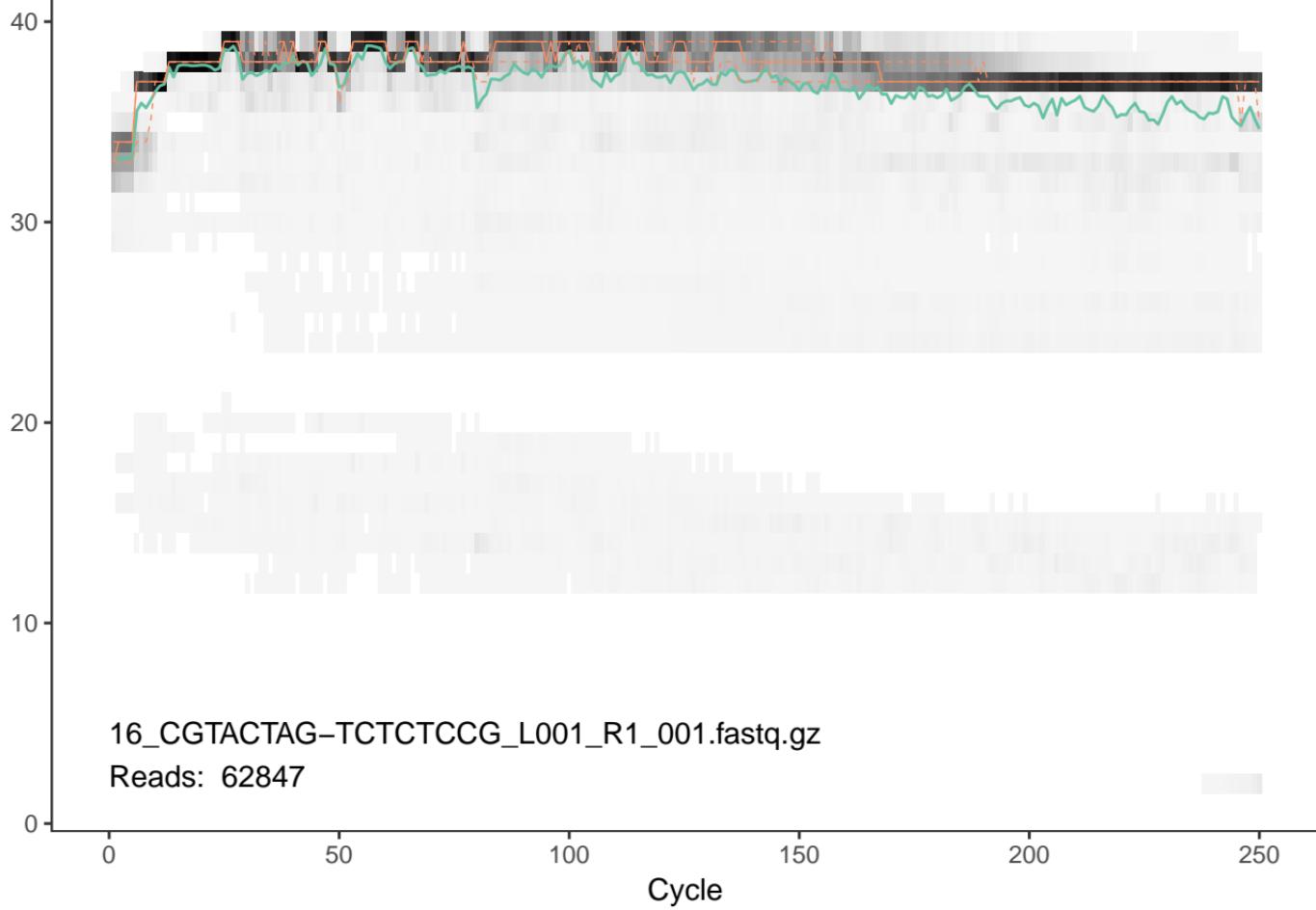
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Quality Score



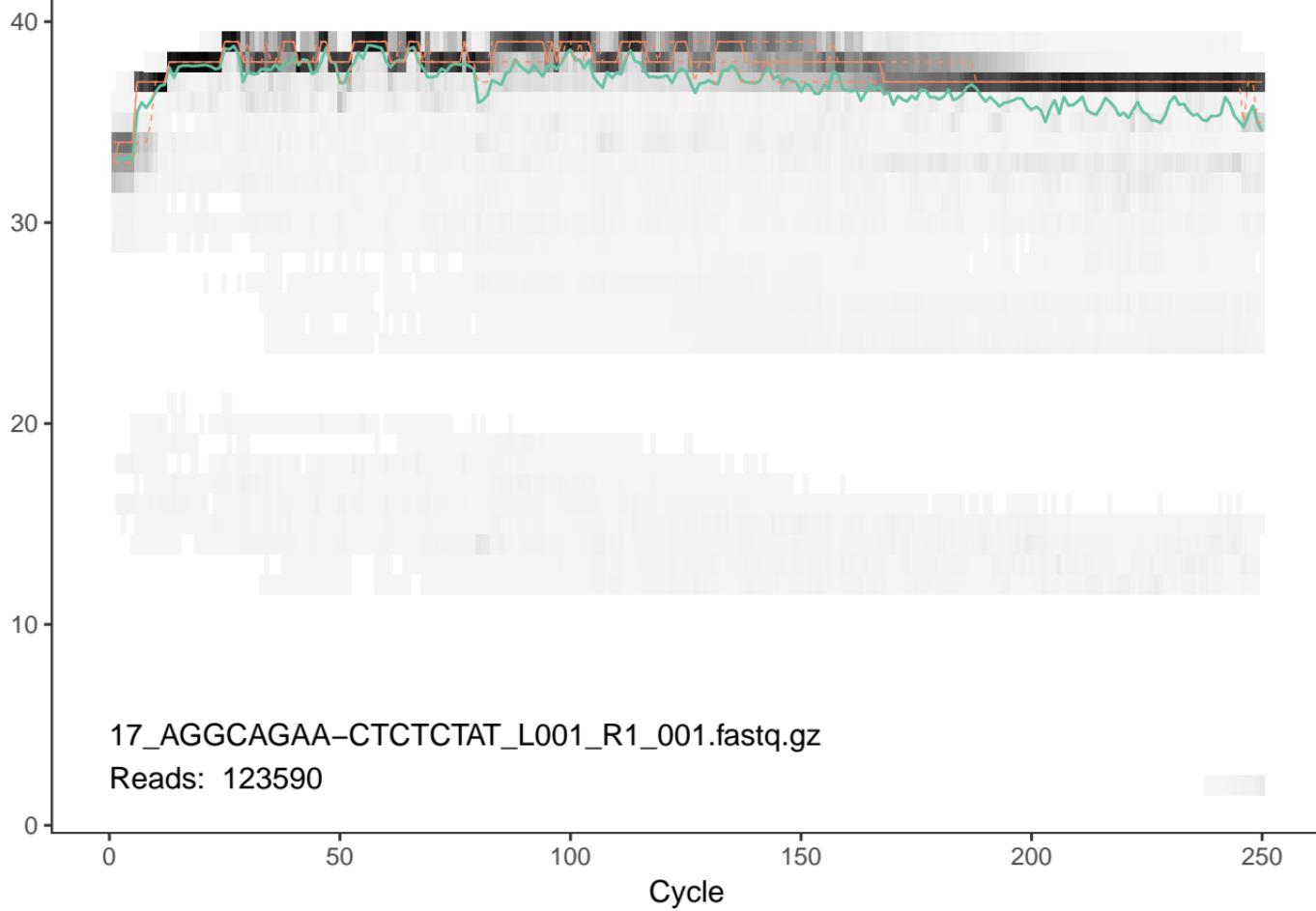
Fwd

Quality Score



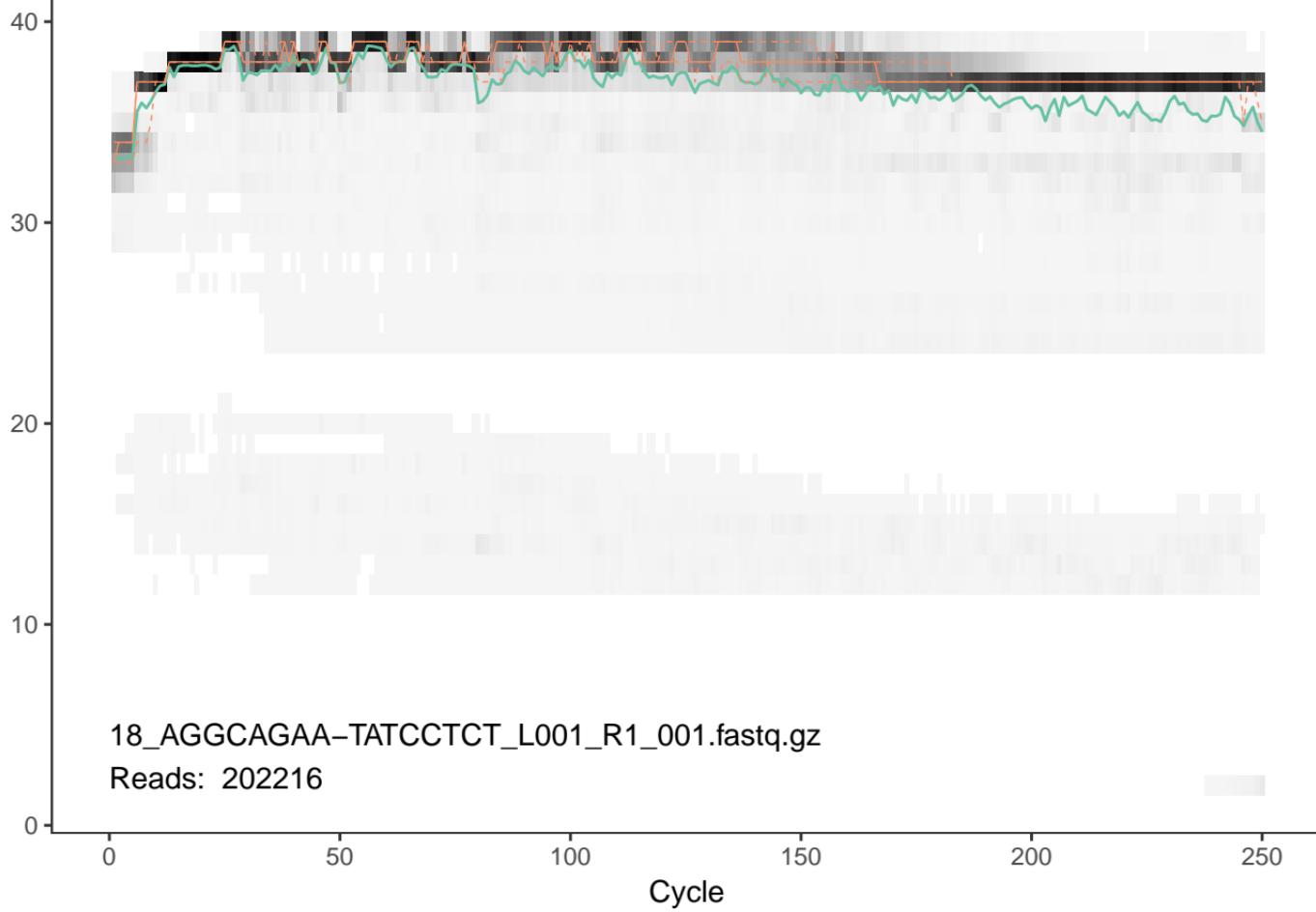
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Quality Score



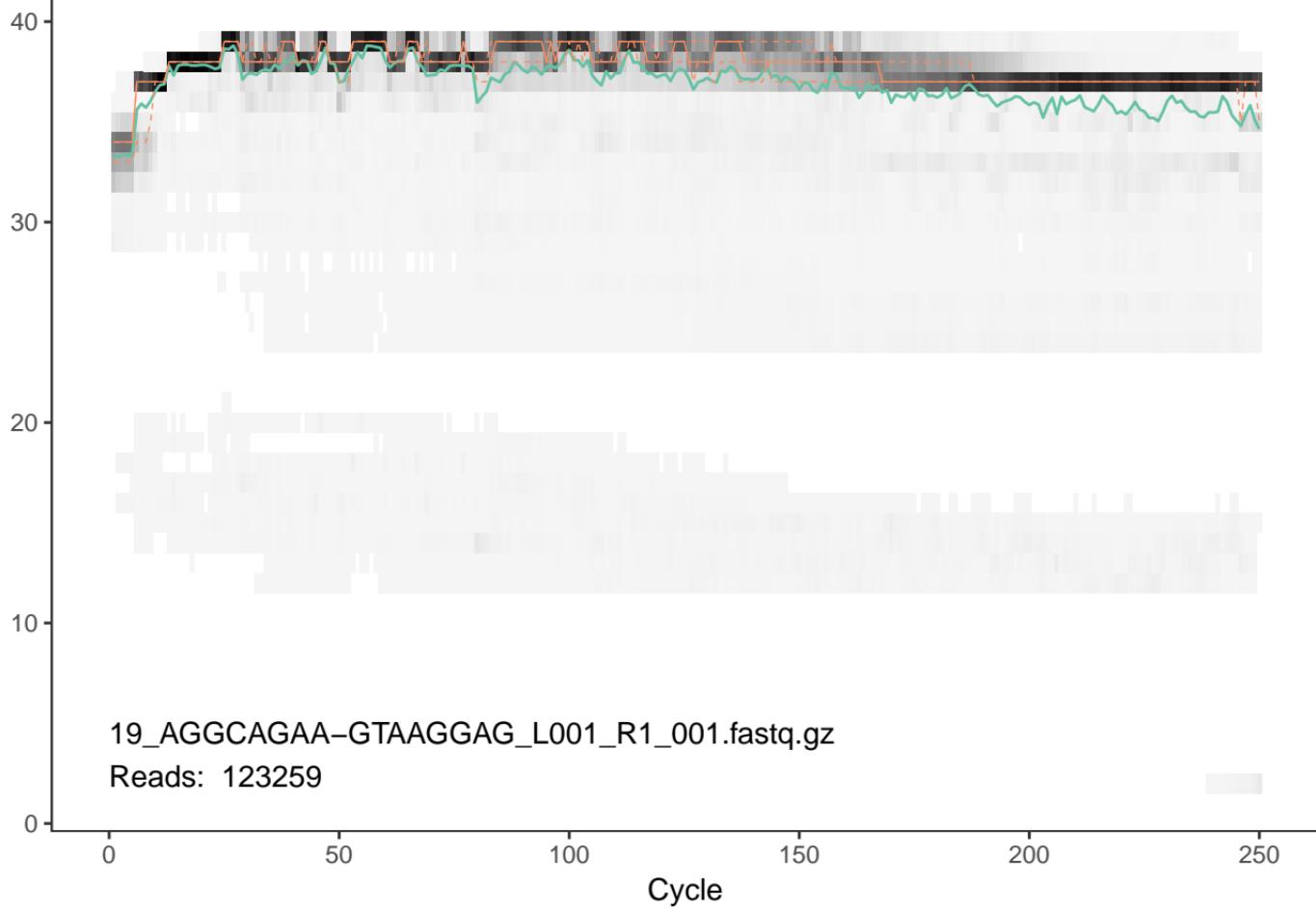
Fwd

Quality Score



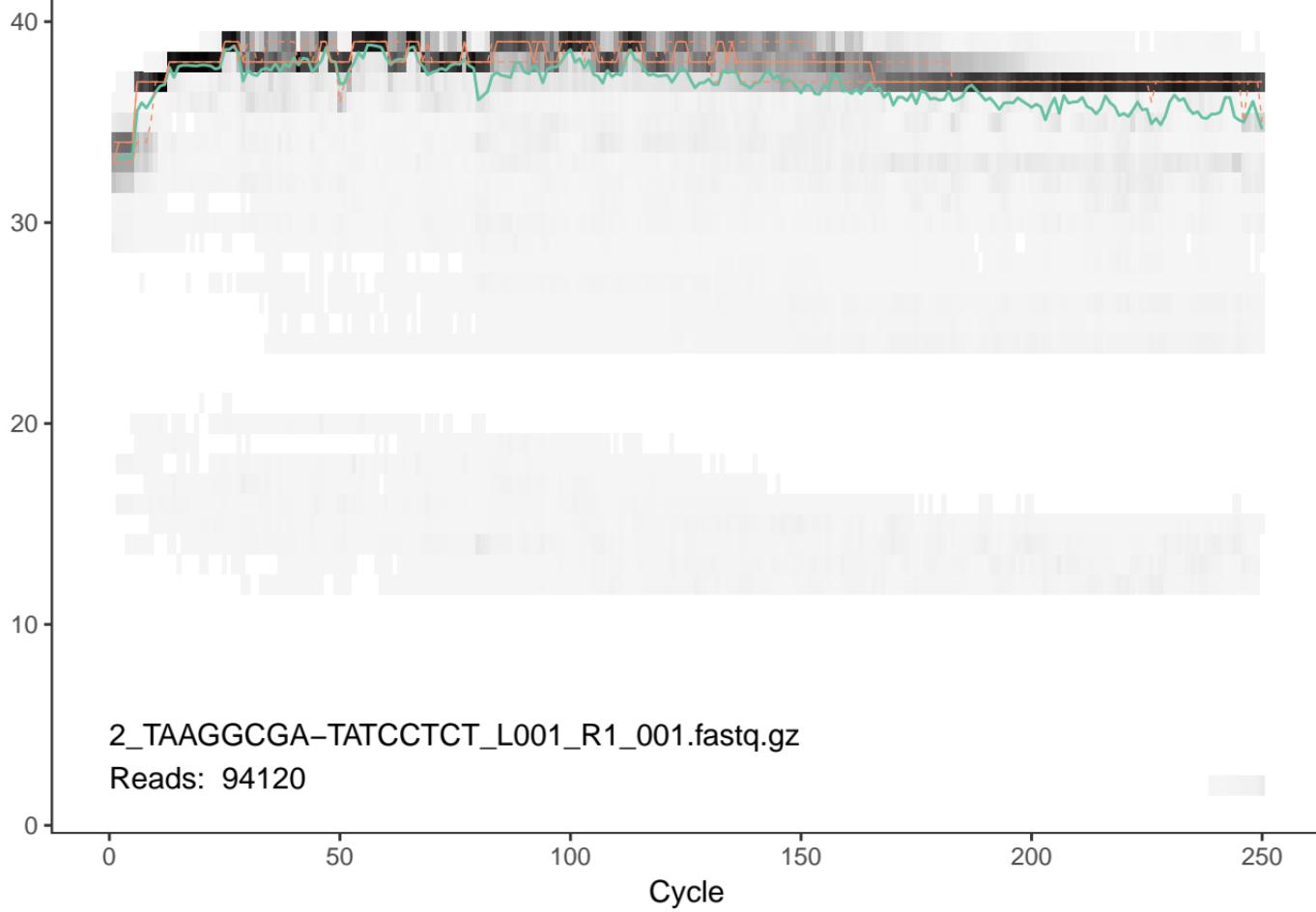
Fwd

Quality Score



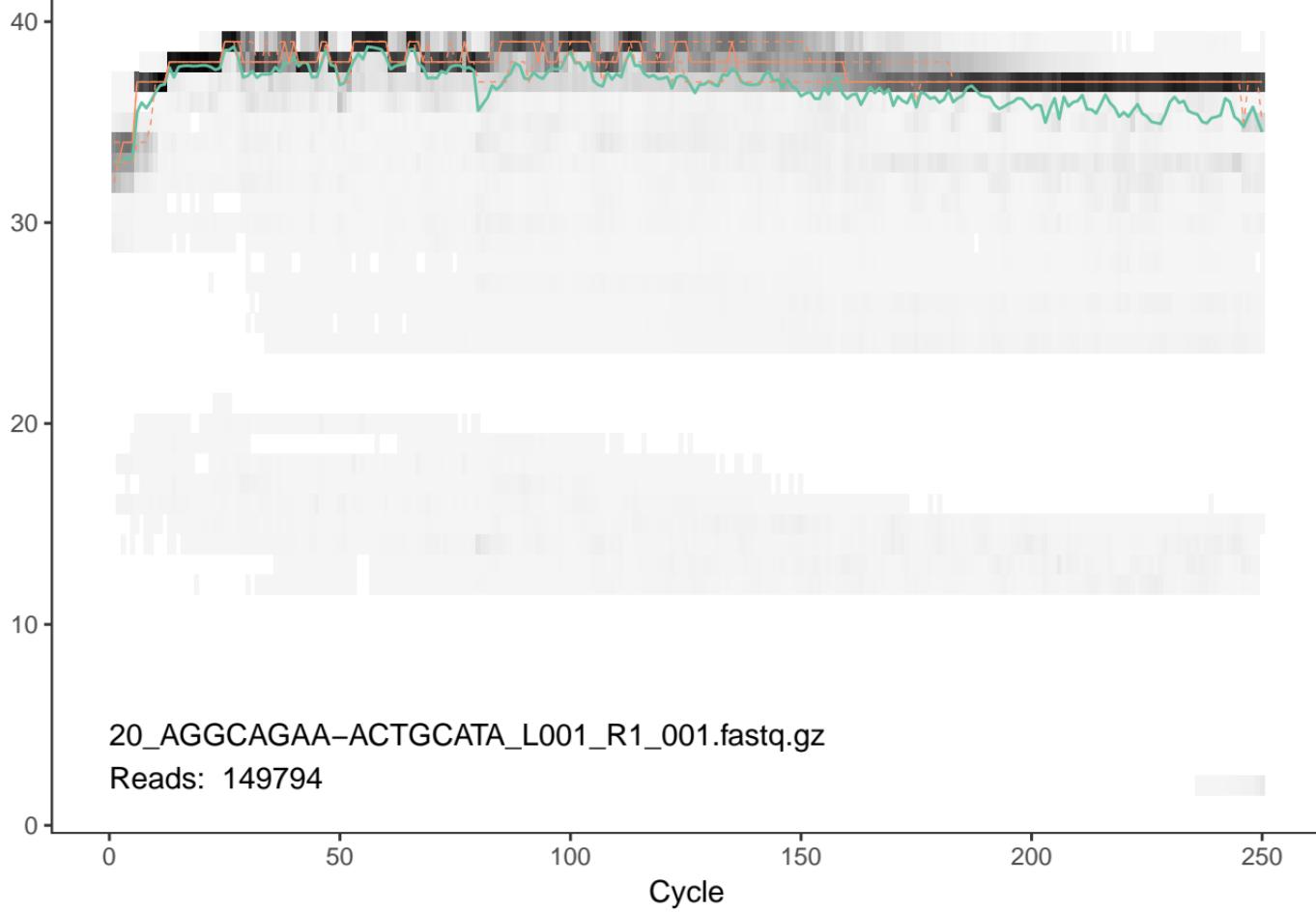
Fwd

Quality Score



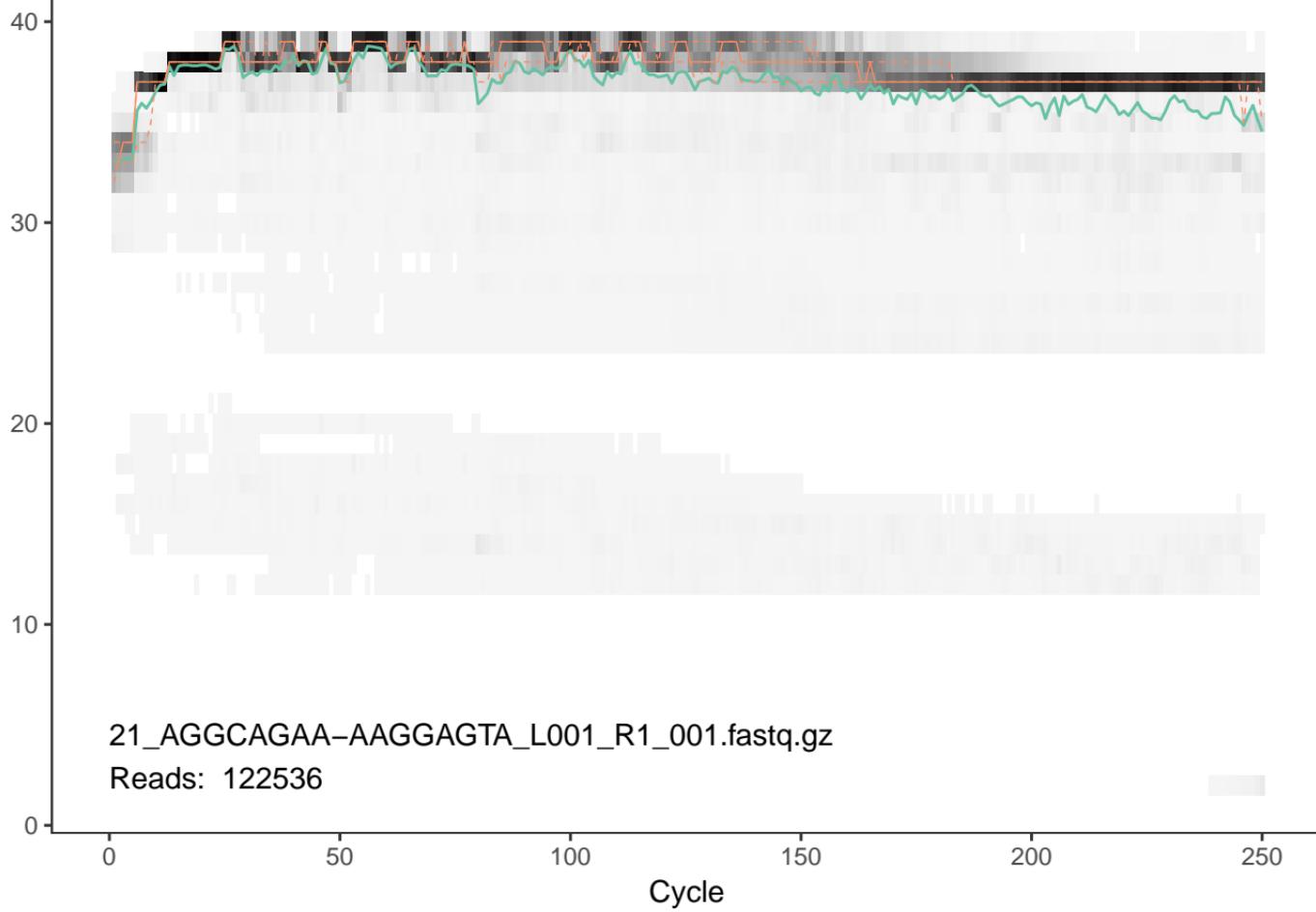
Fwd

Quality Score



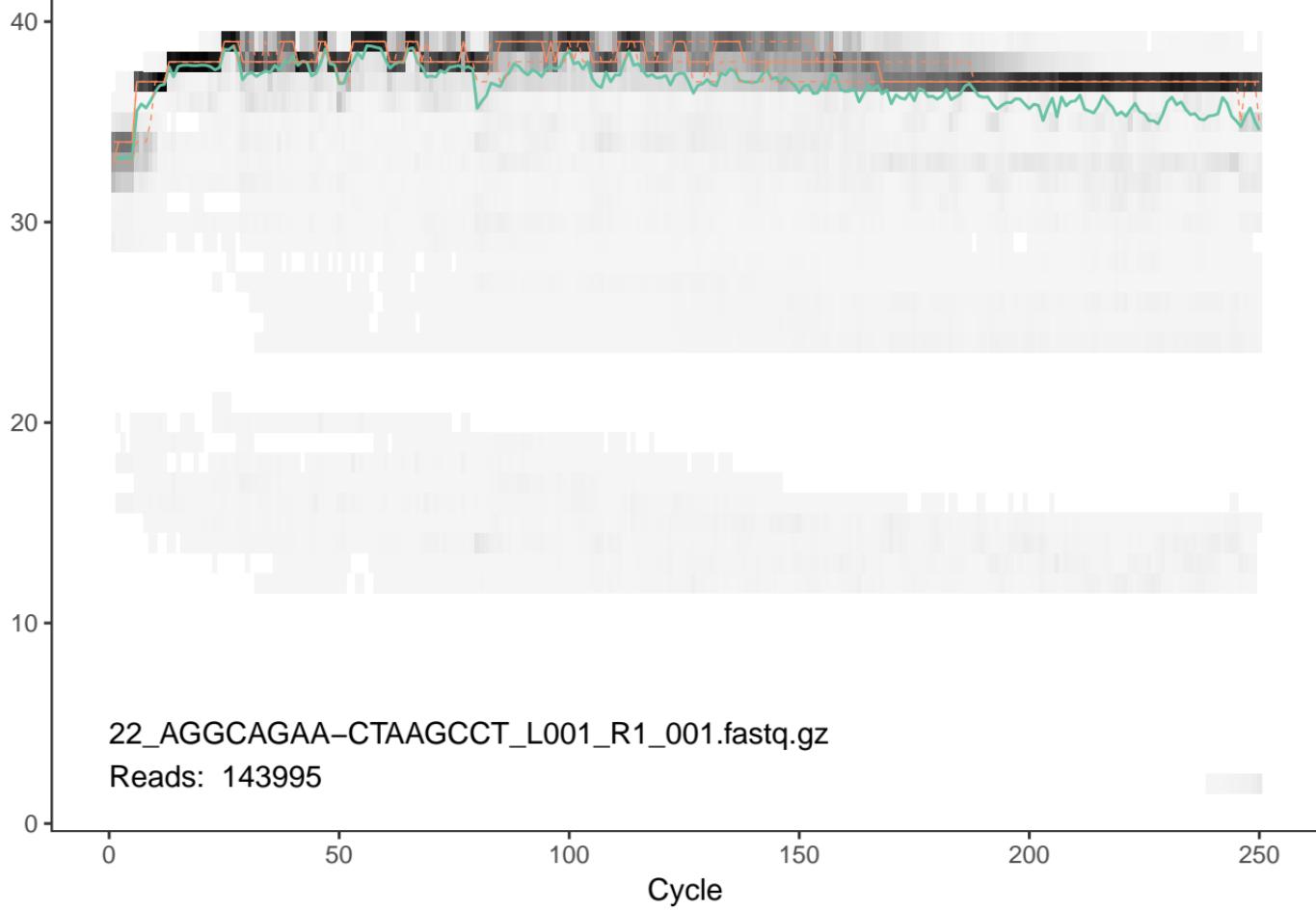
Fwd

Quality Score



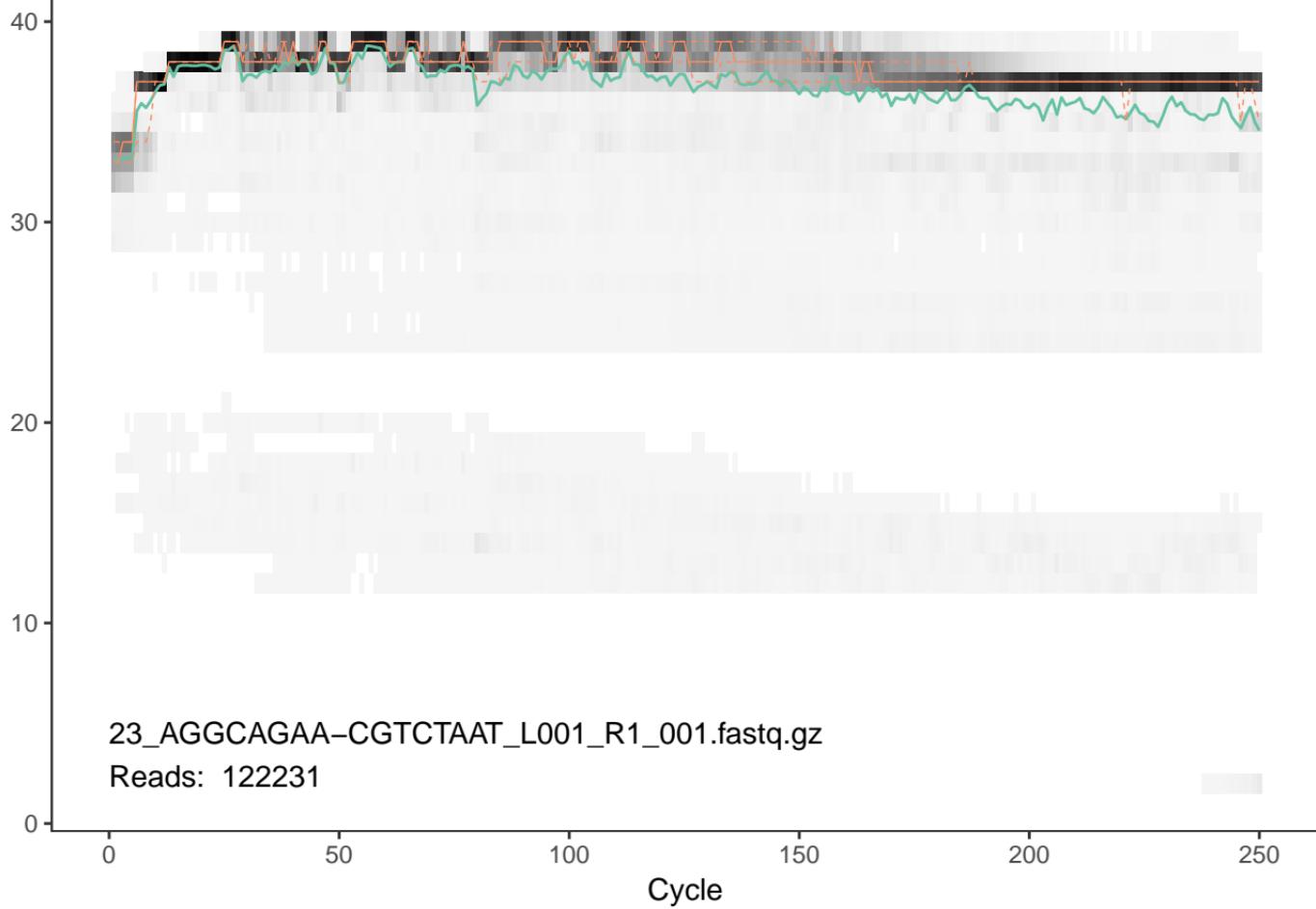
Fwd

Quality Score



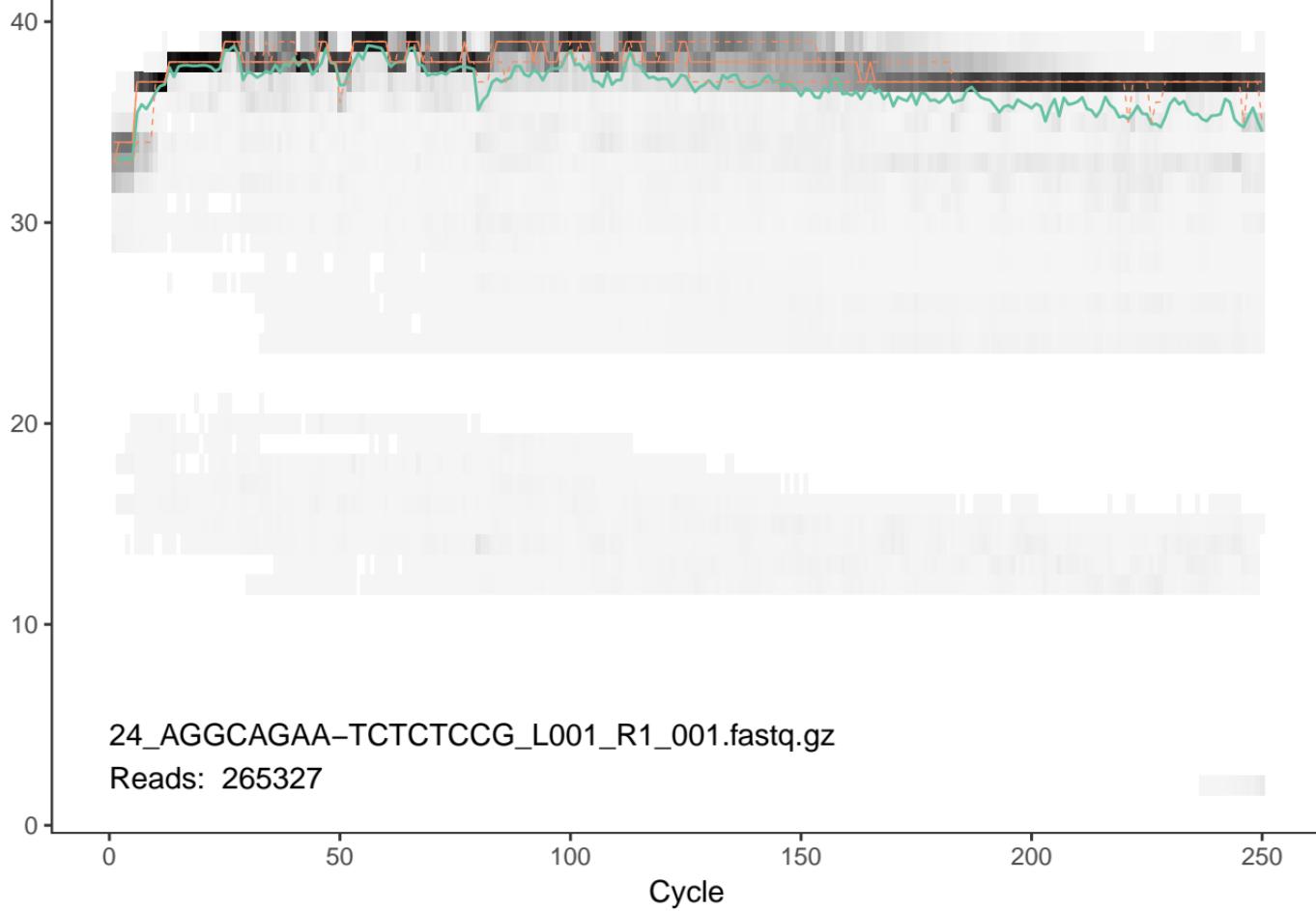
Fwd

Quality Score



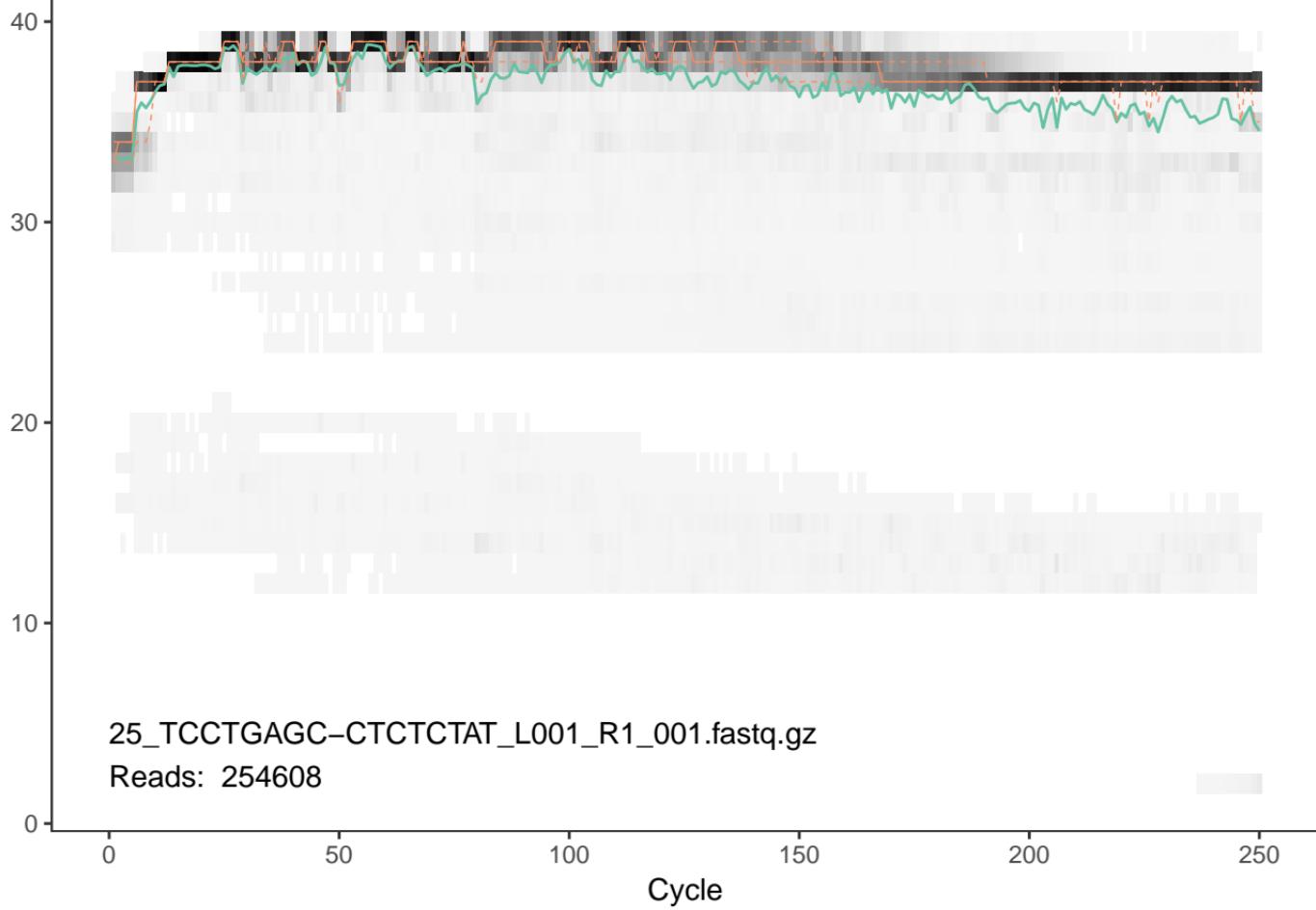
Fwd

Quality Score



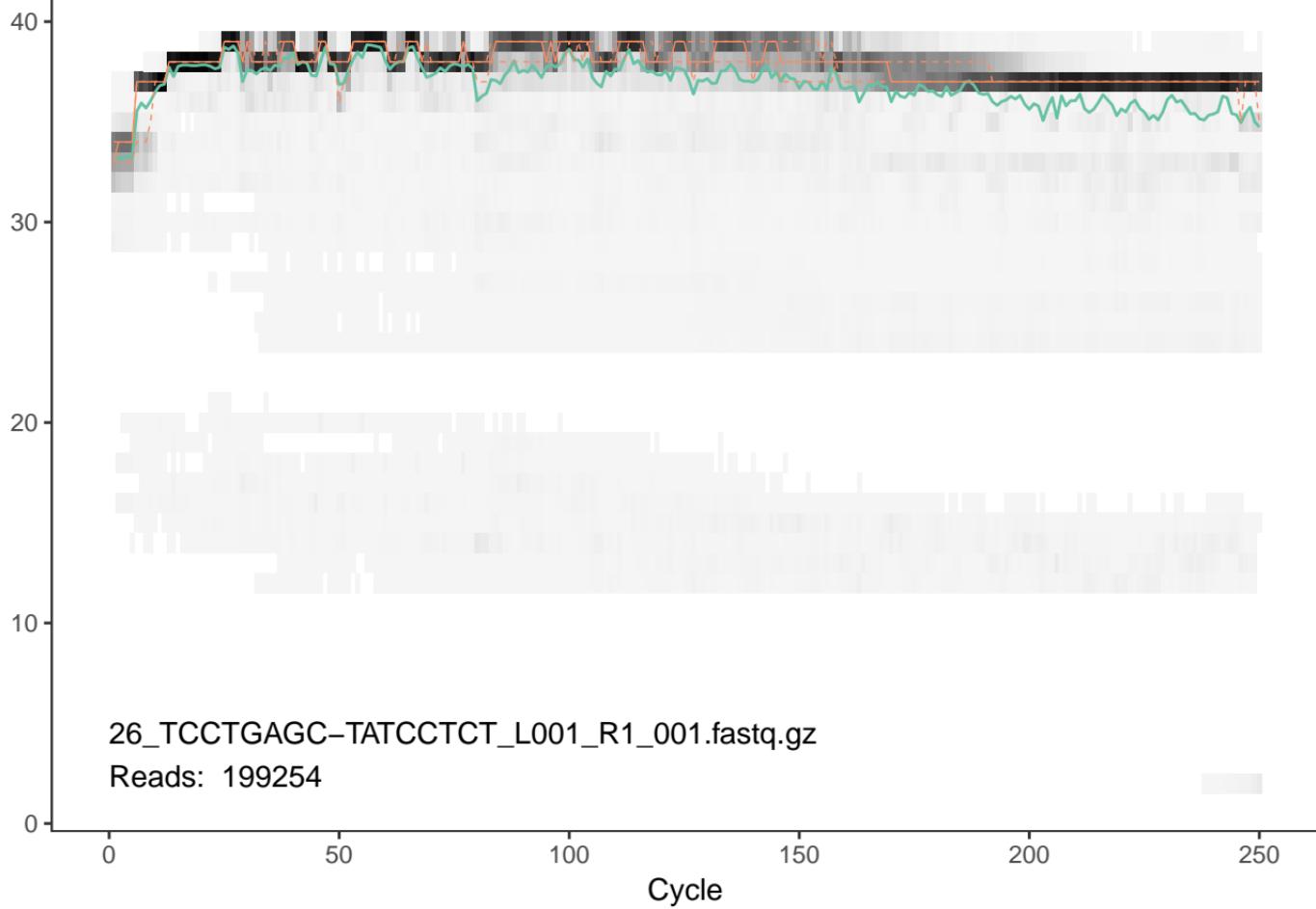
Fwd

Quality Score



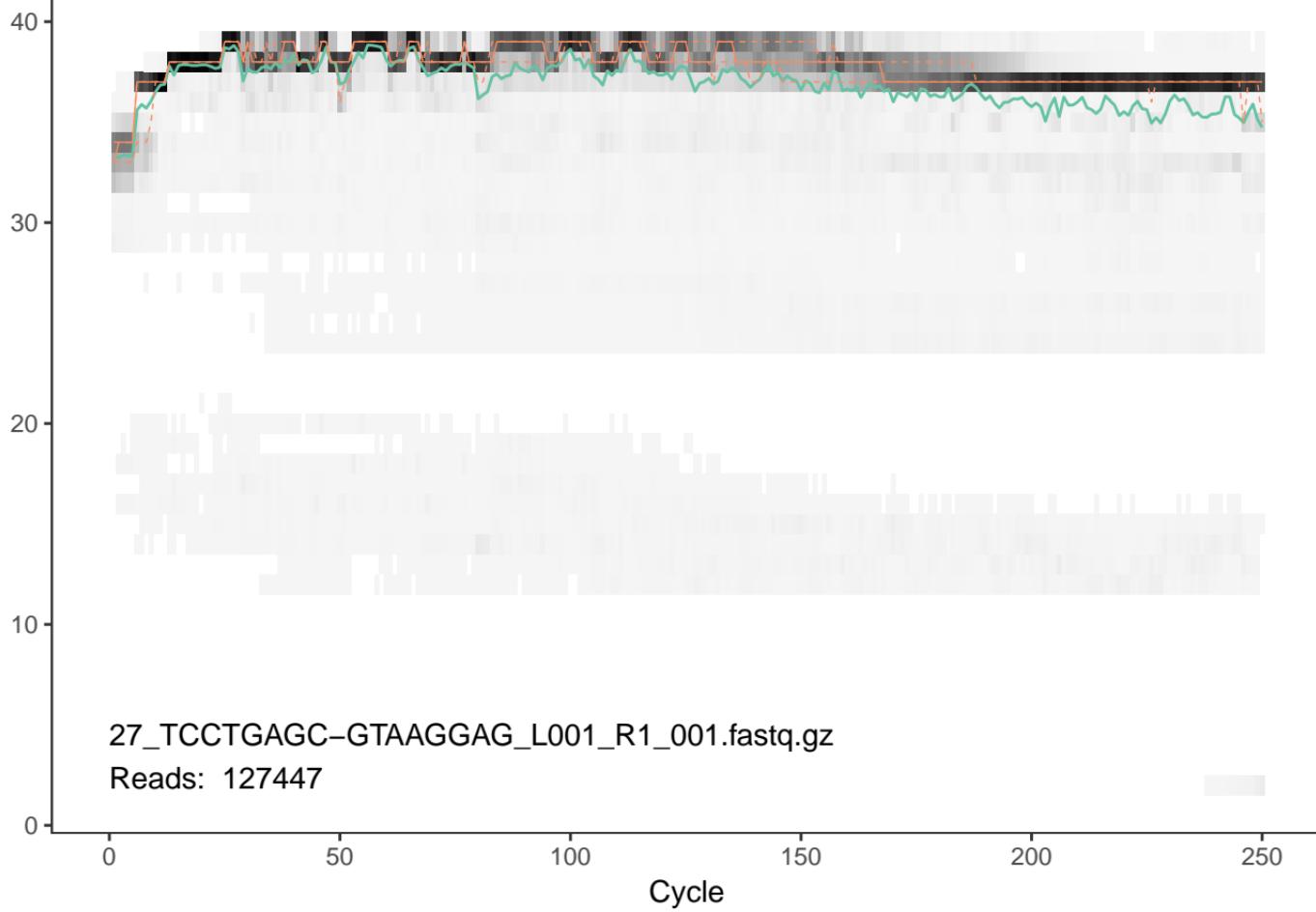
Fwd

Quality Score



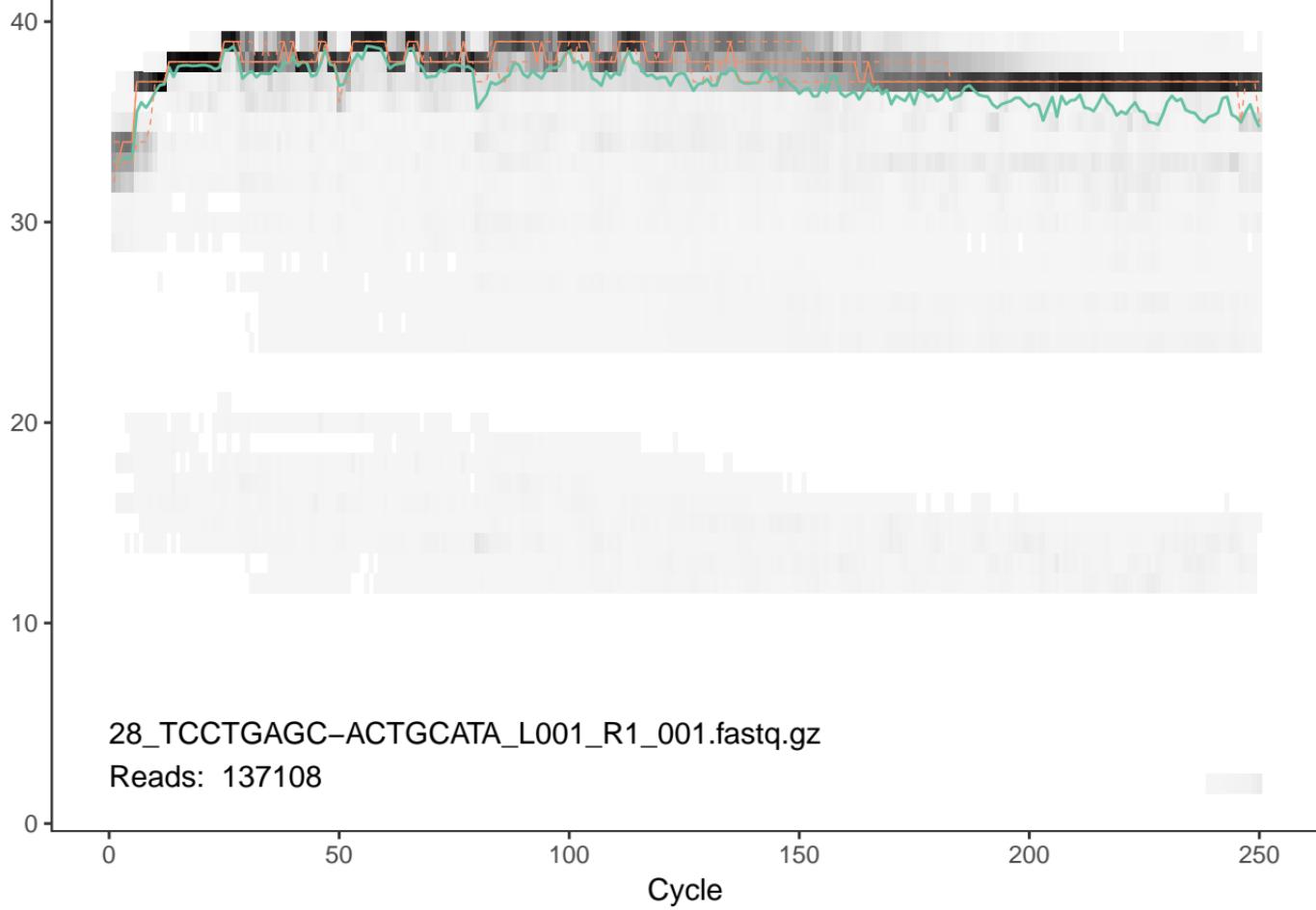
Fwd

Quality Score



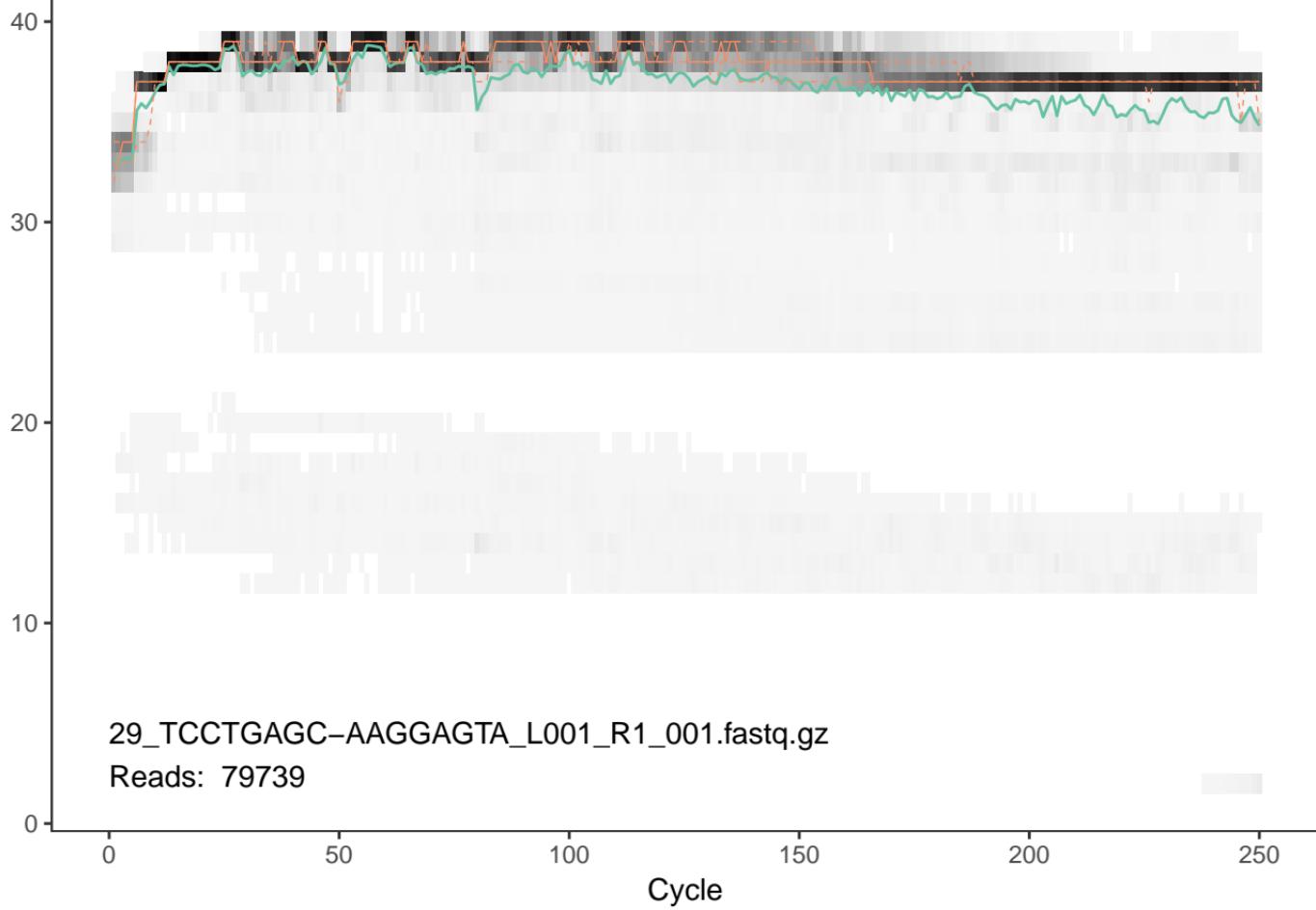
Fwd

Quality Score



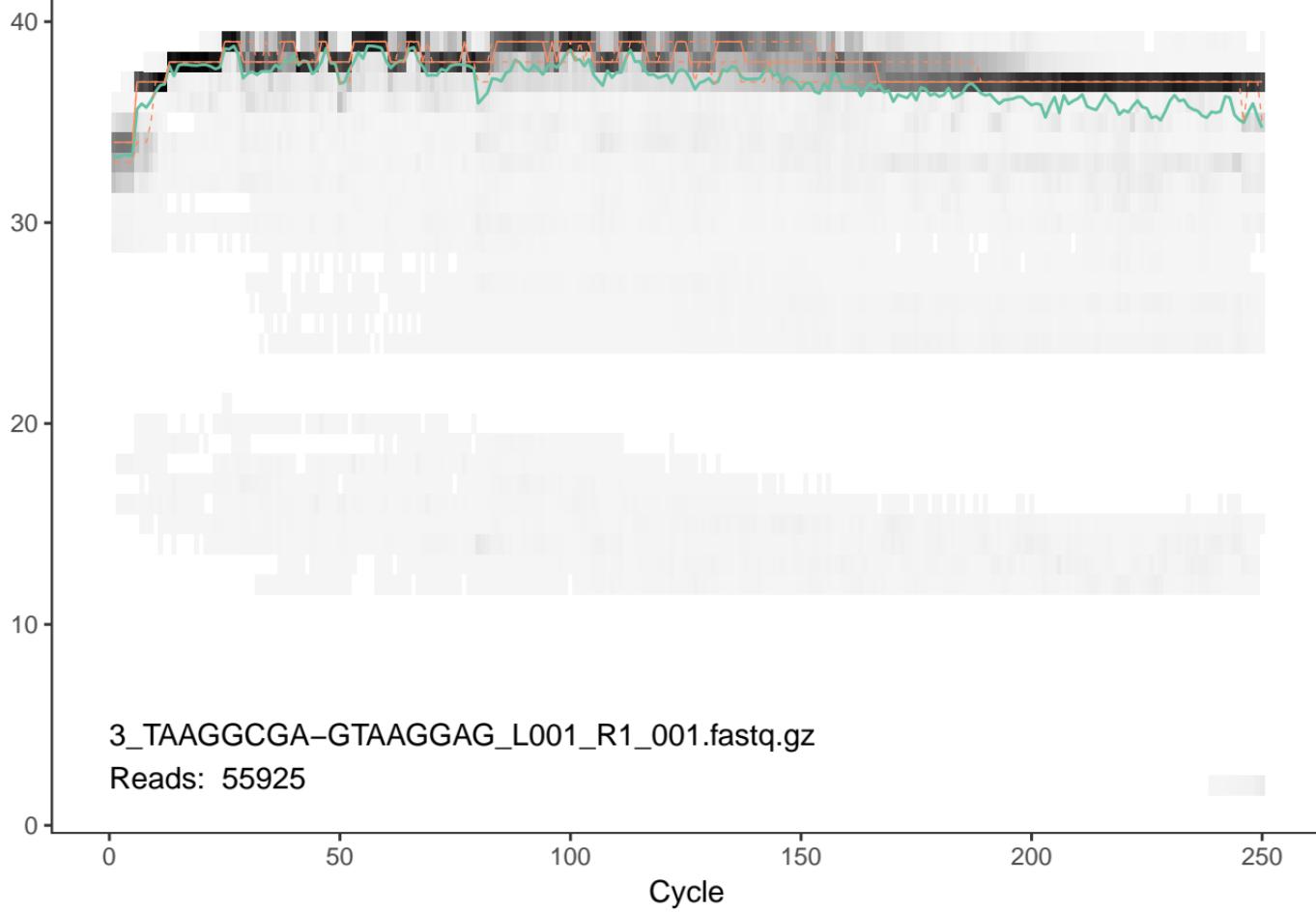
Fwd

Quality Score



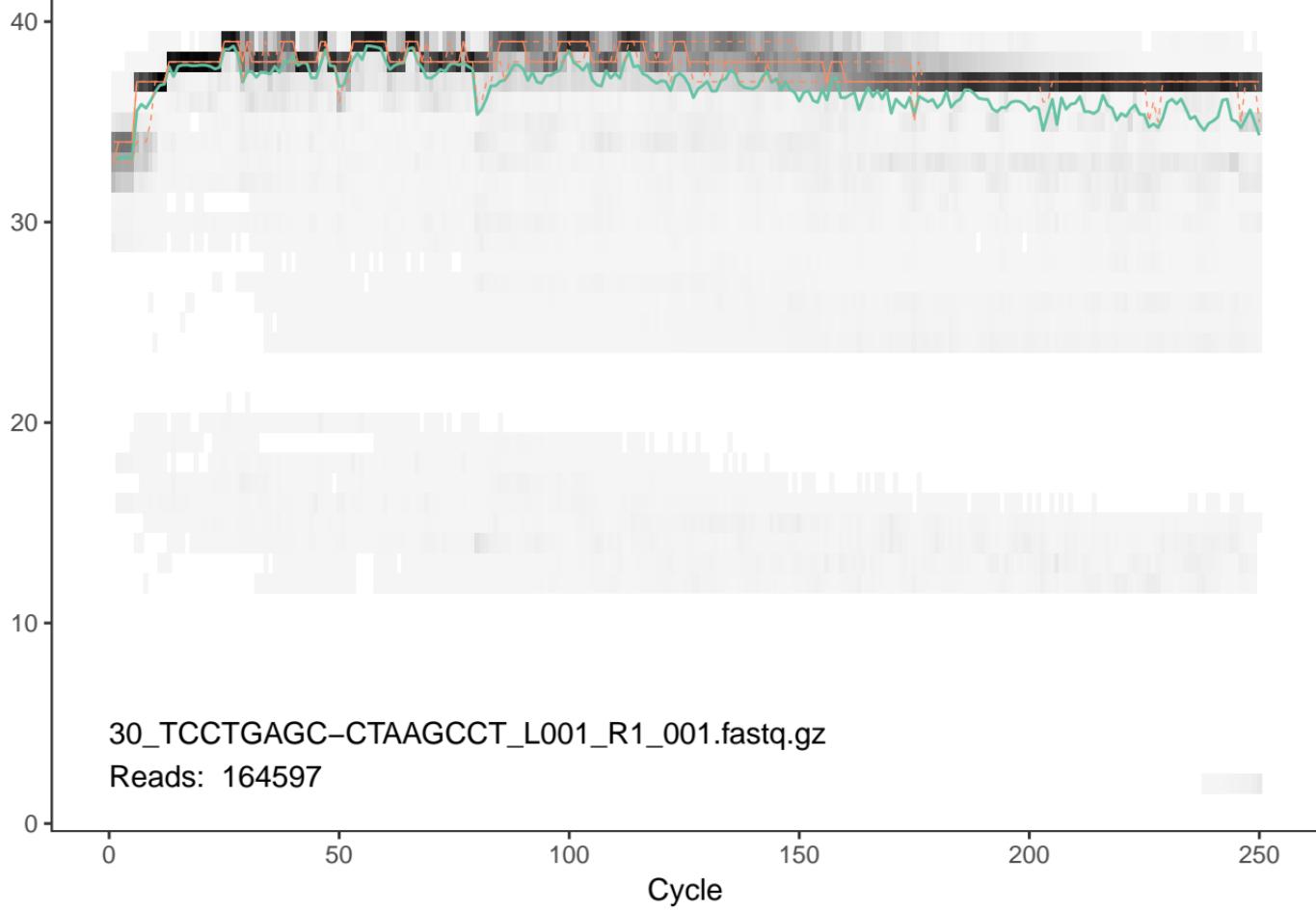
Fwd

Quality Score



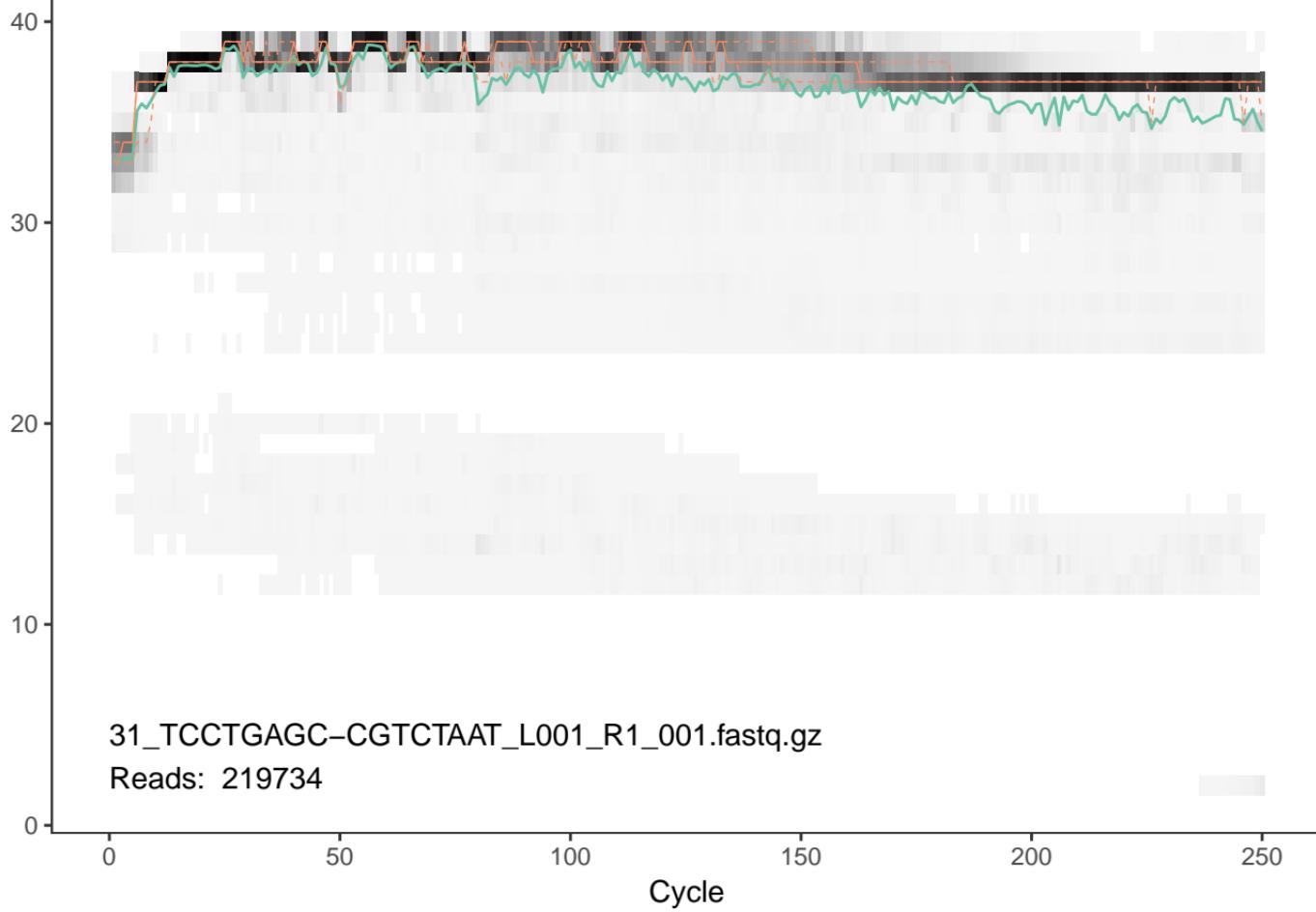
Fwd

Quality Score



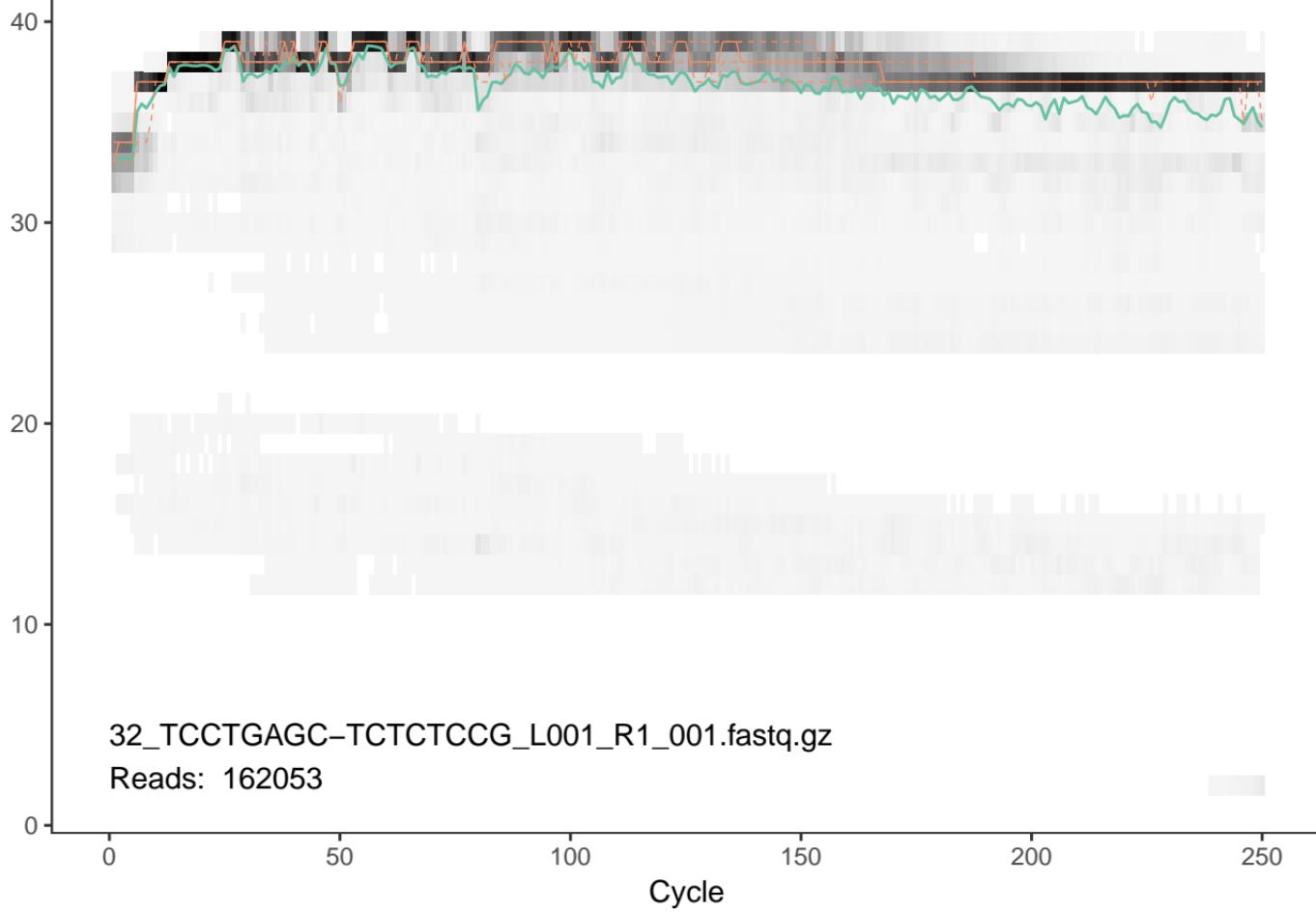
Fwd

Quality Score



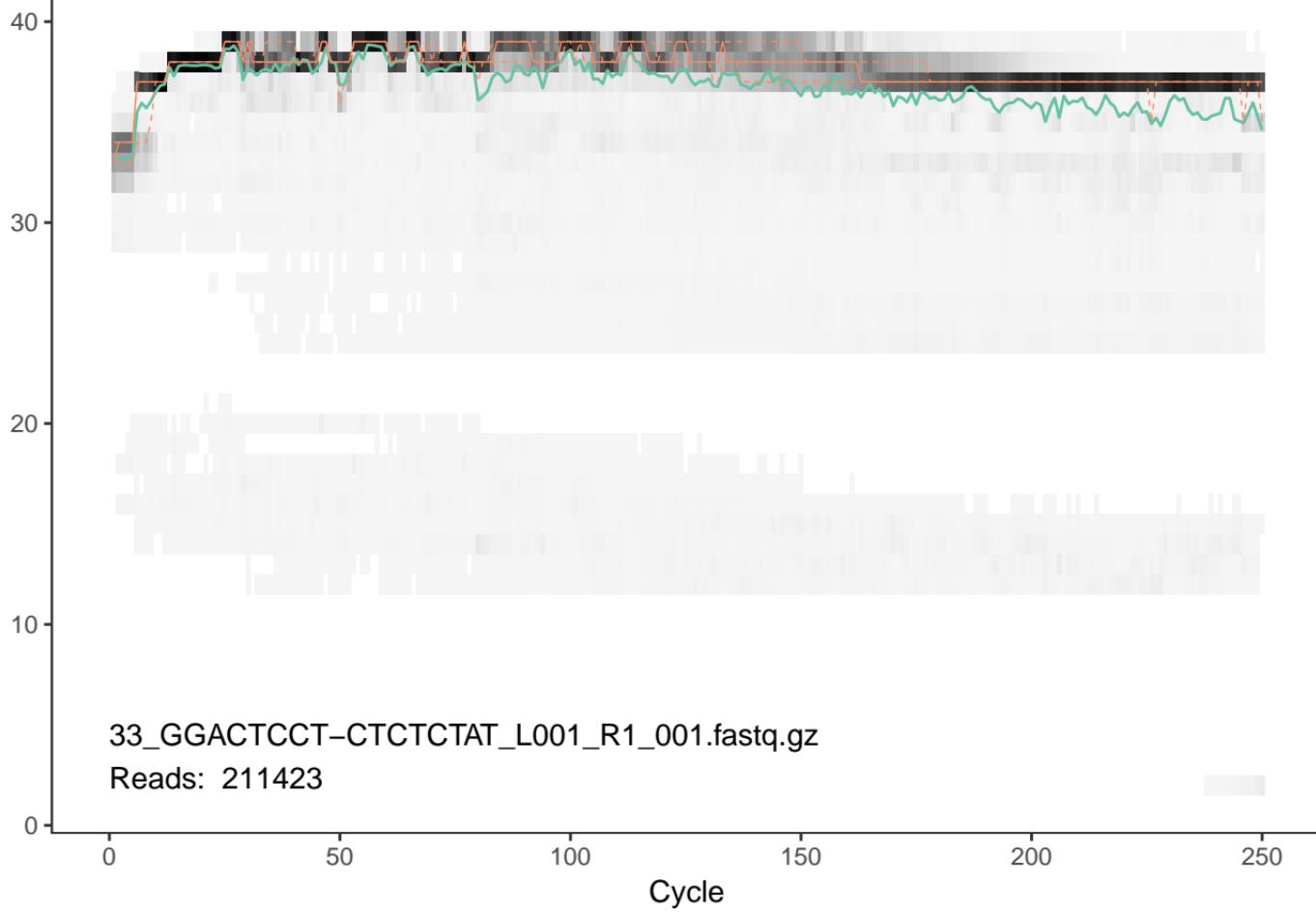
Fwd

Quality Score



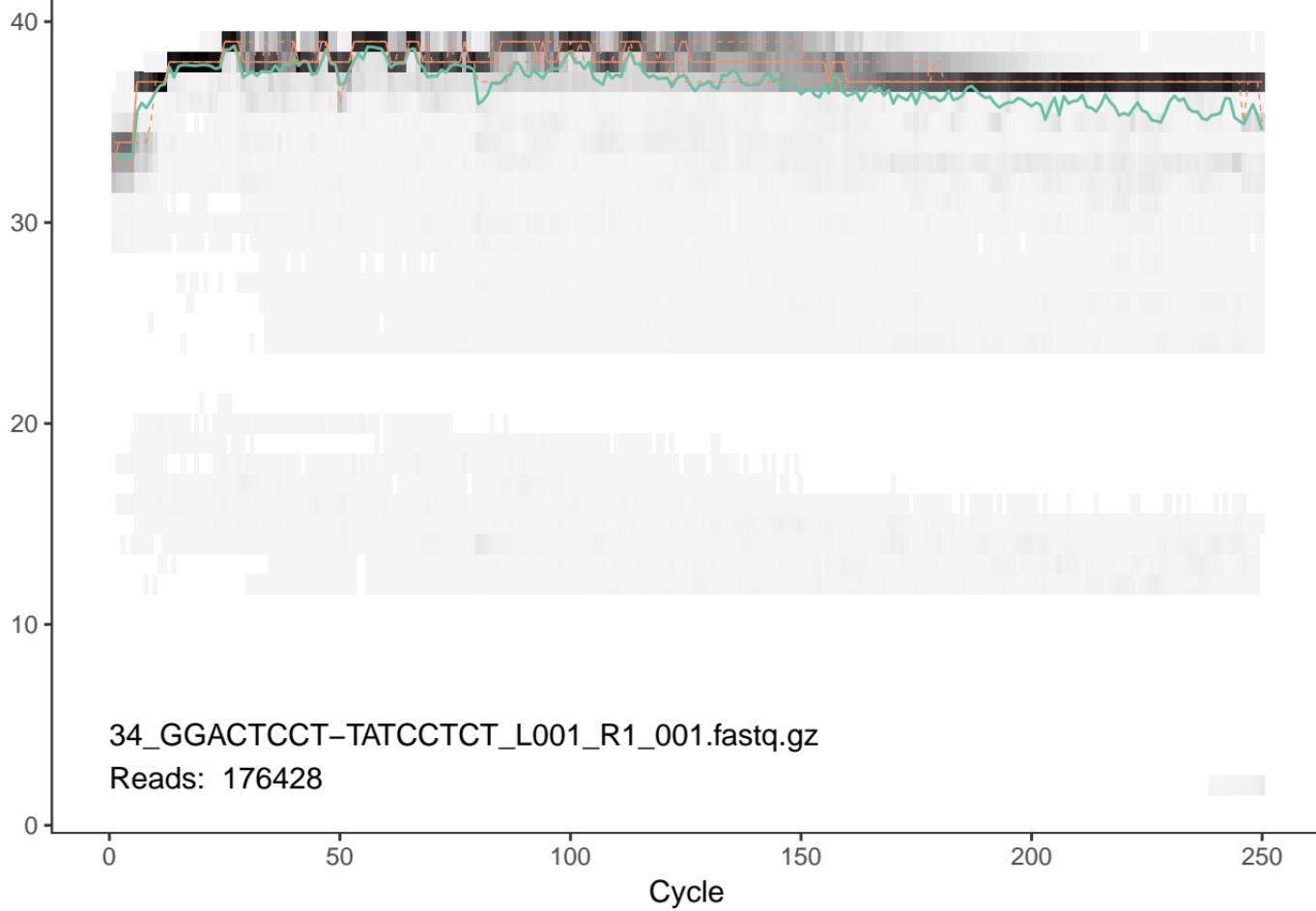
Fwd

Quality Score



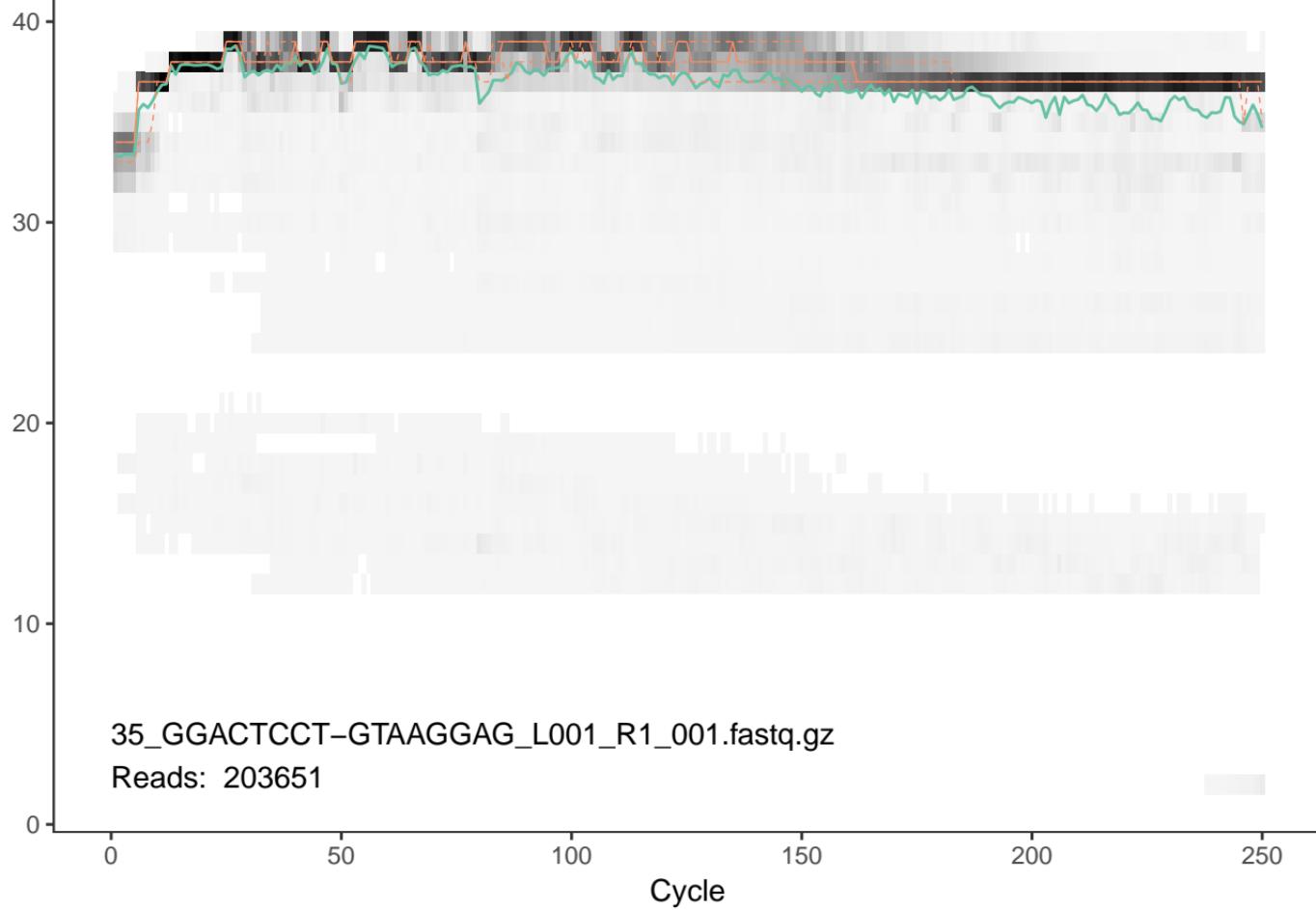
Fwd

Quality Score



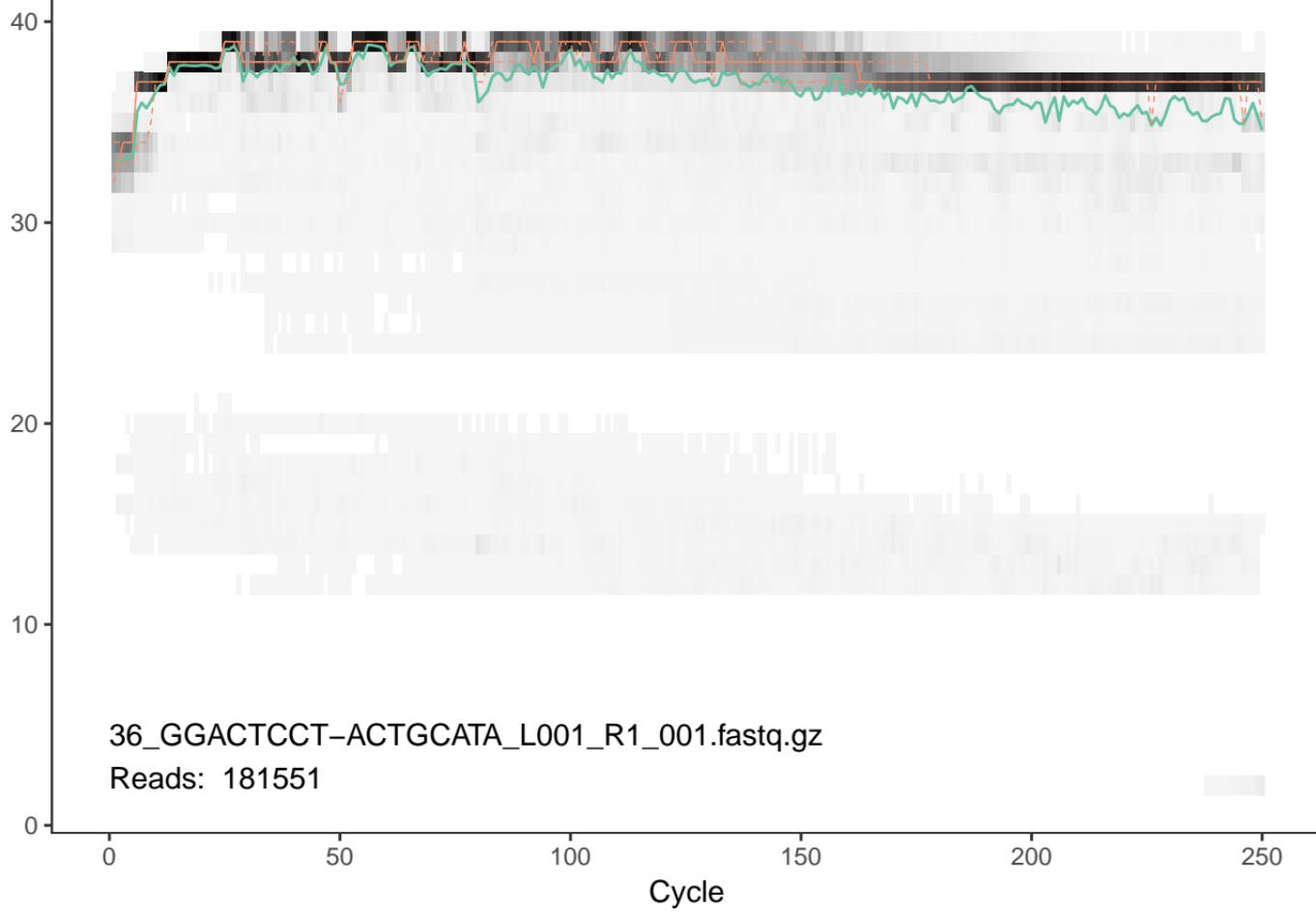
Fwd

Quality Score



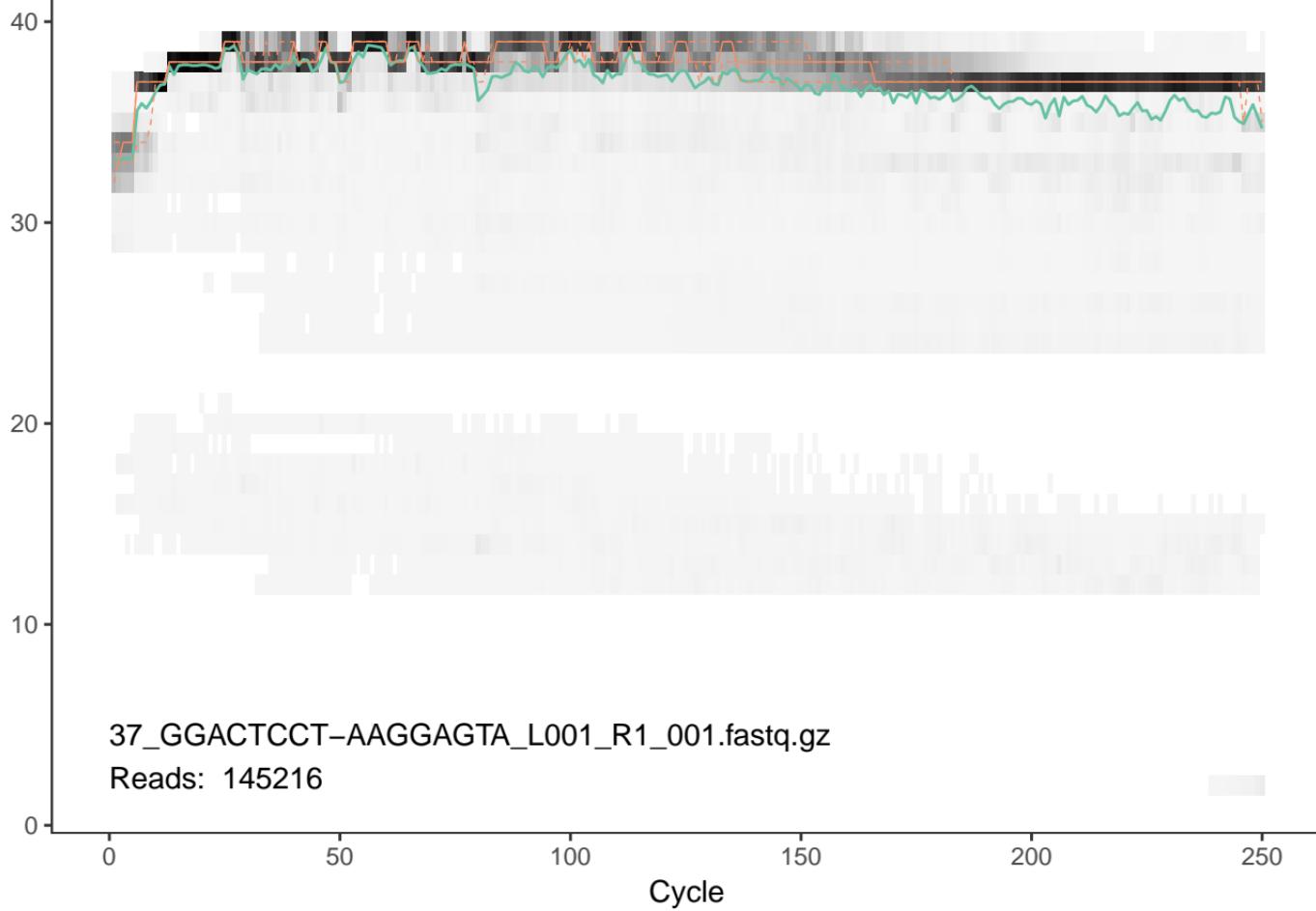
Fwd

Quality Score



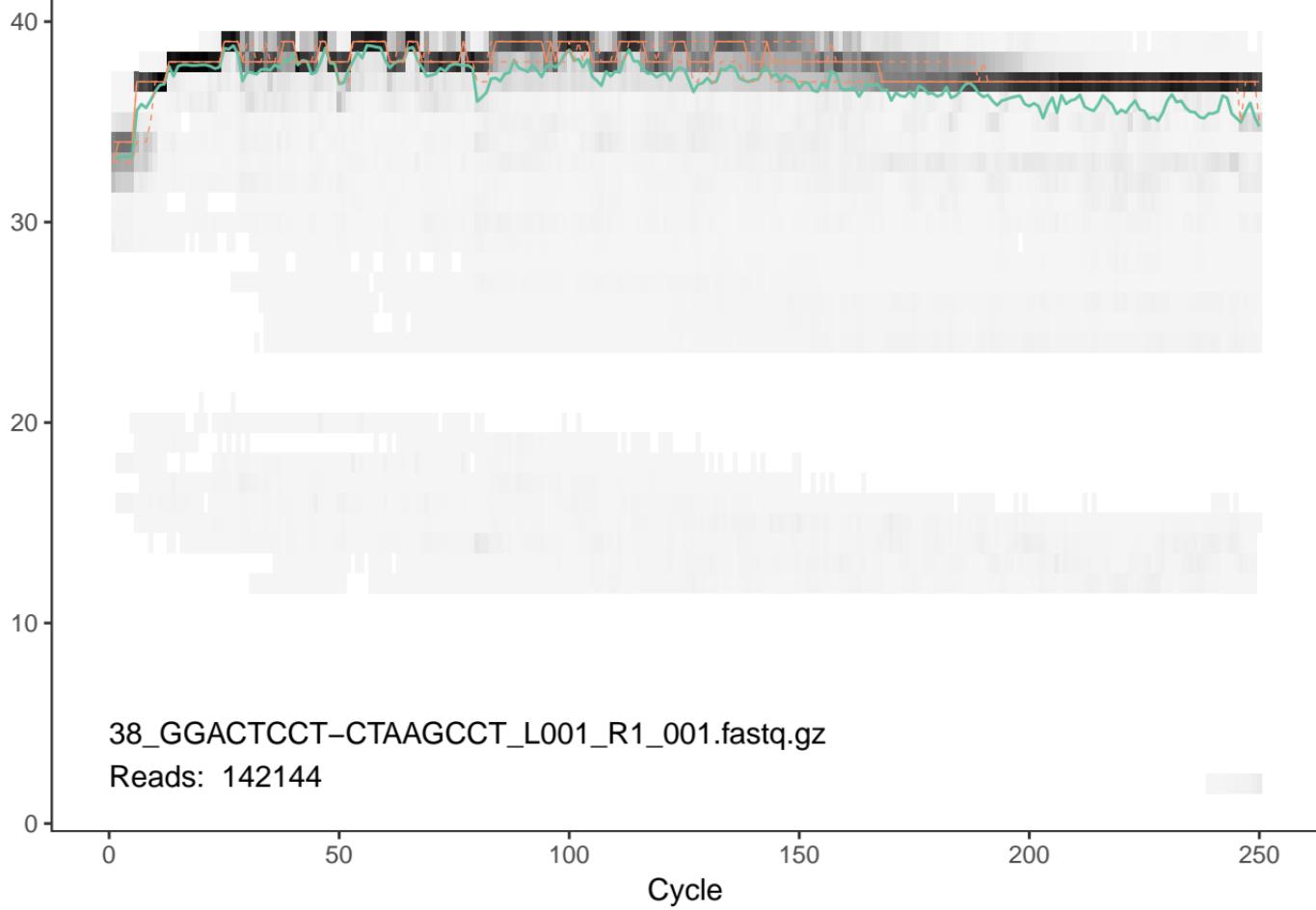
Fwd

Quality Score



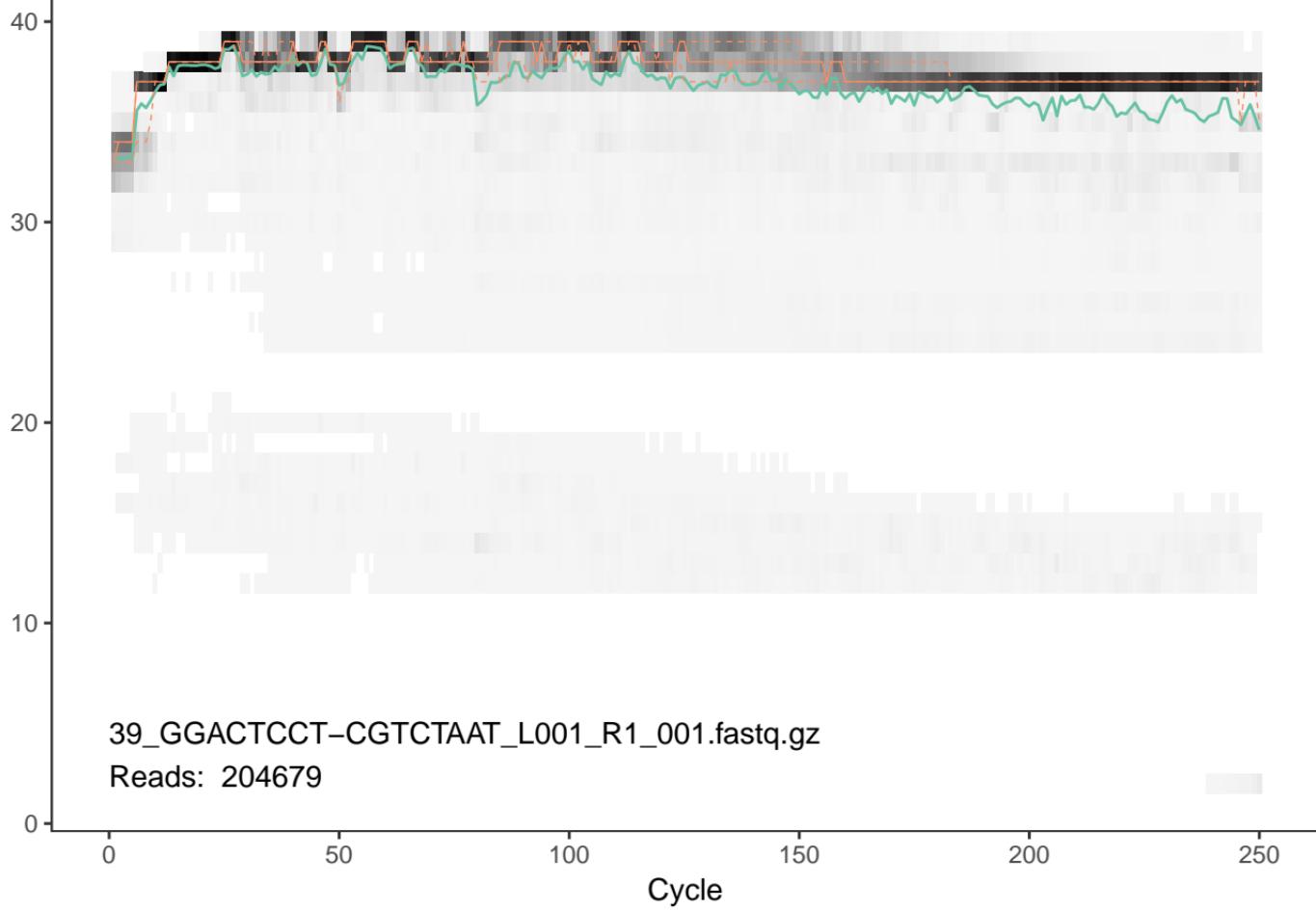
Fwd

Quality Score



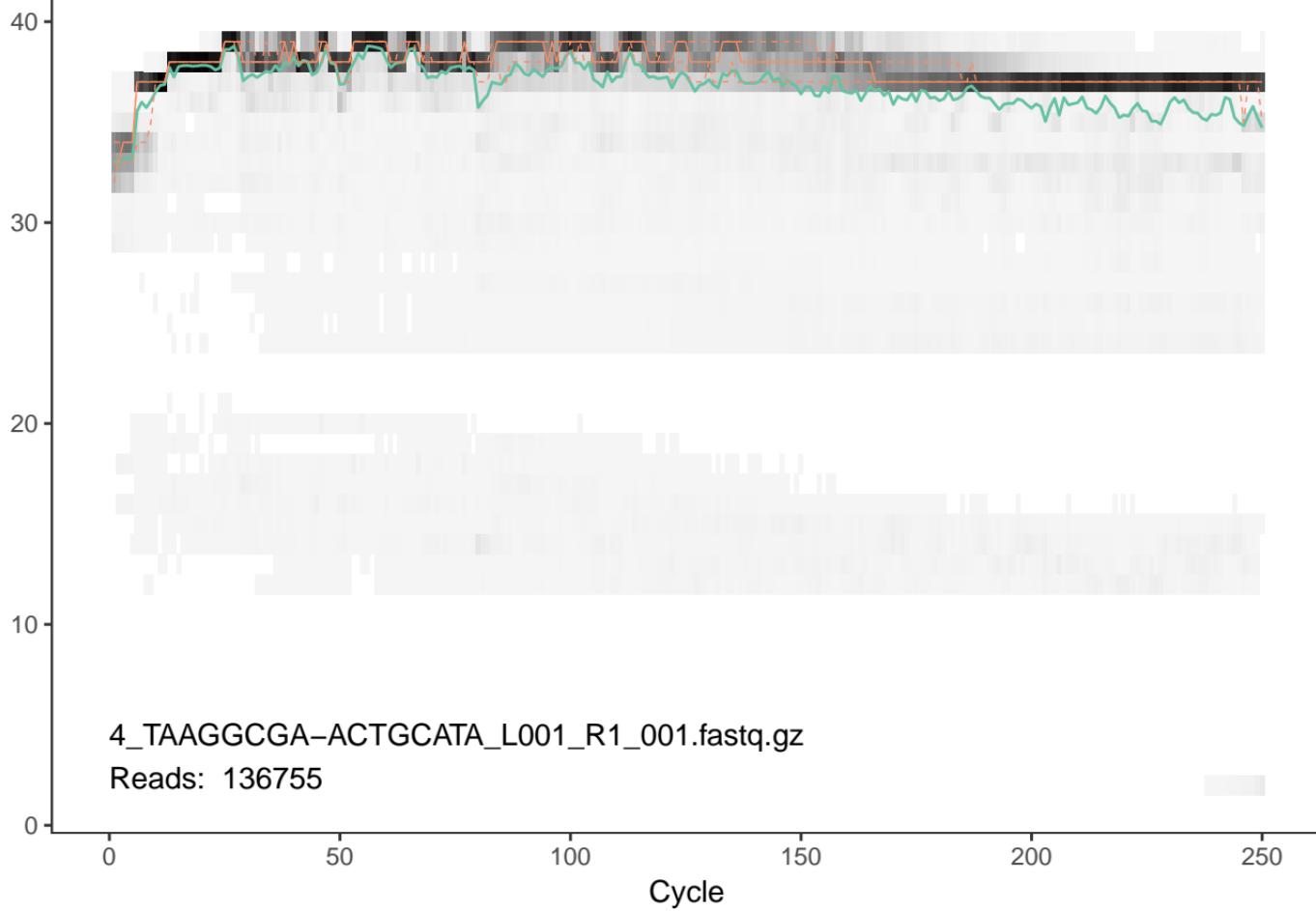
Fwd

Quality Score



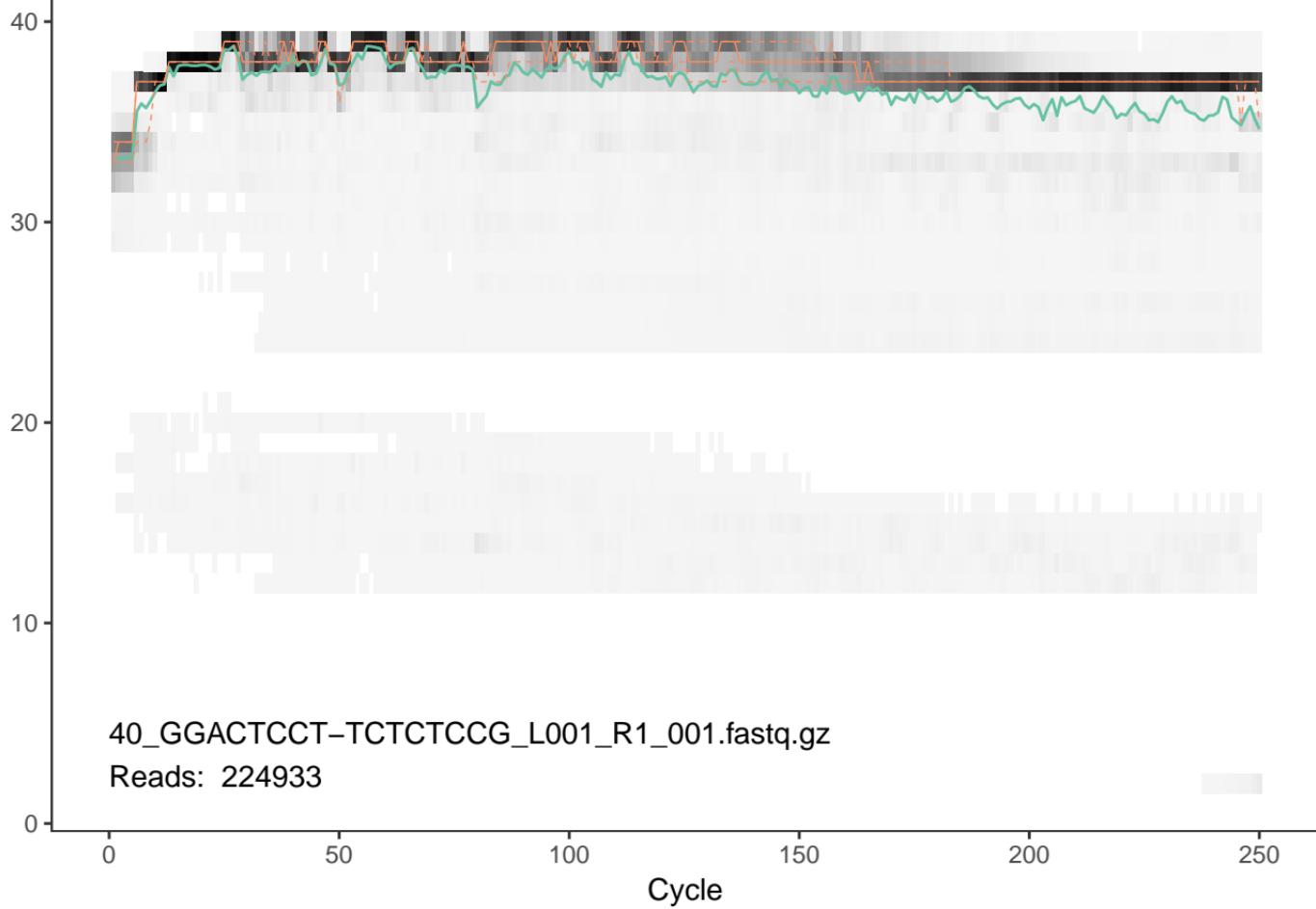
Fwd

Quality Score



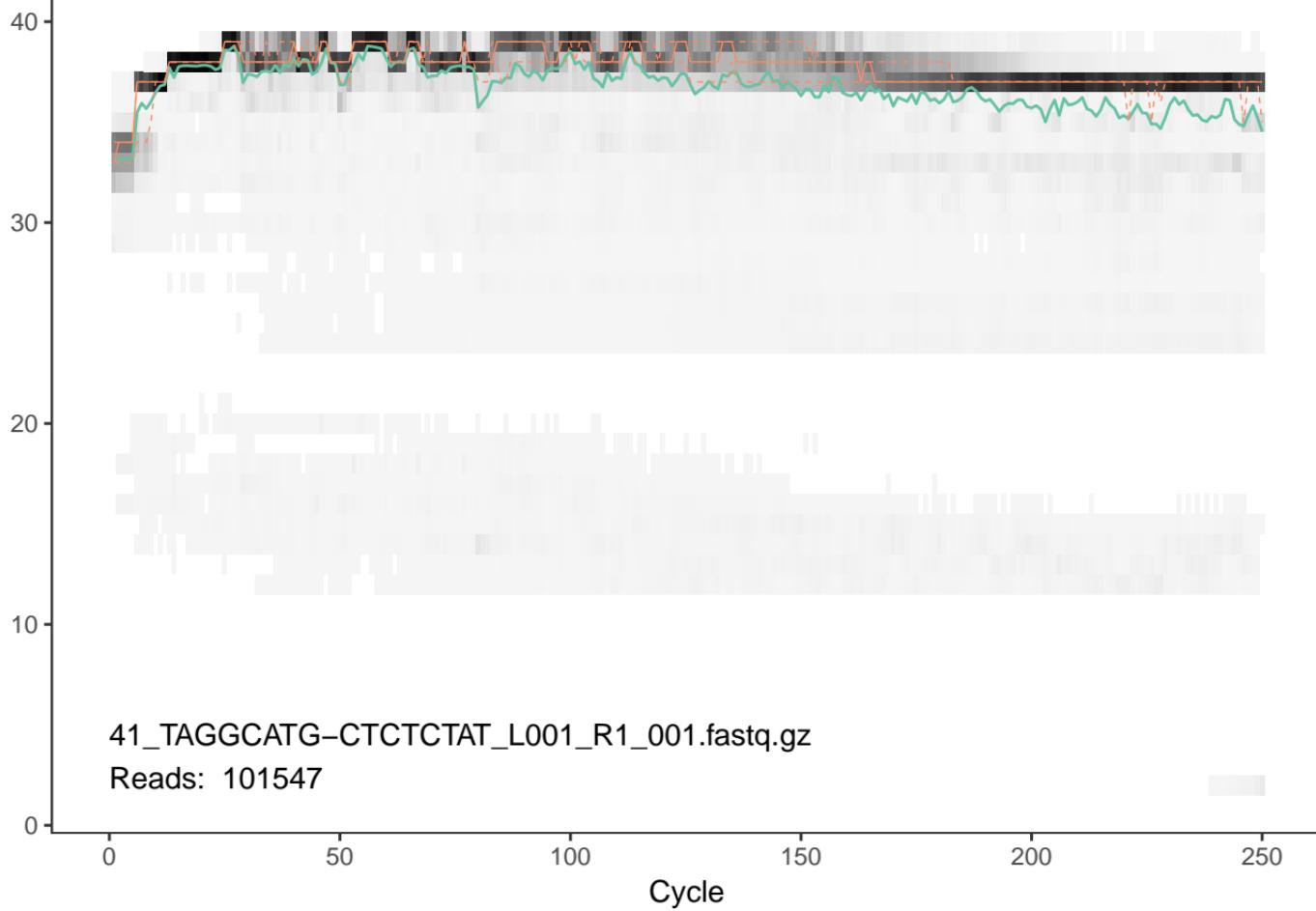
Fwd

Quality Score



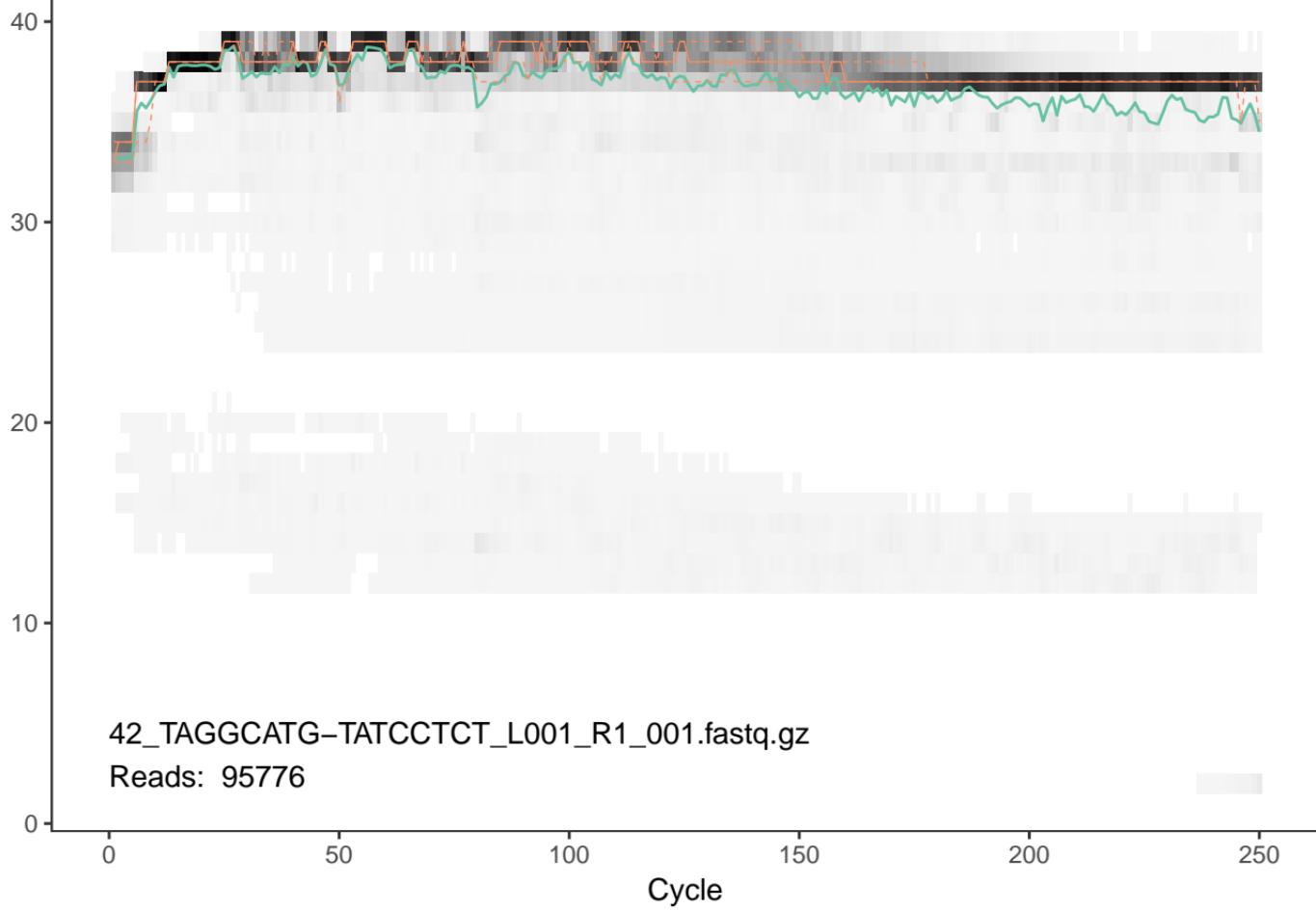
Fwd

Quality Score



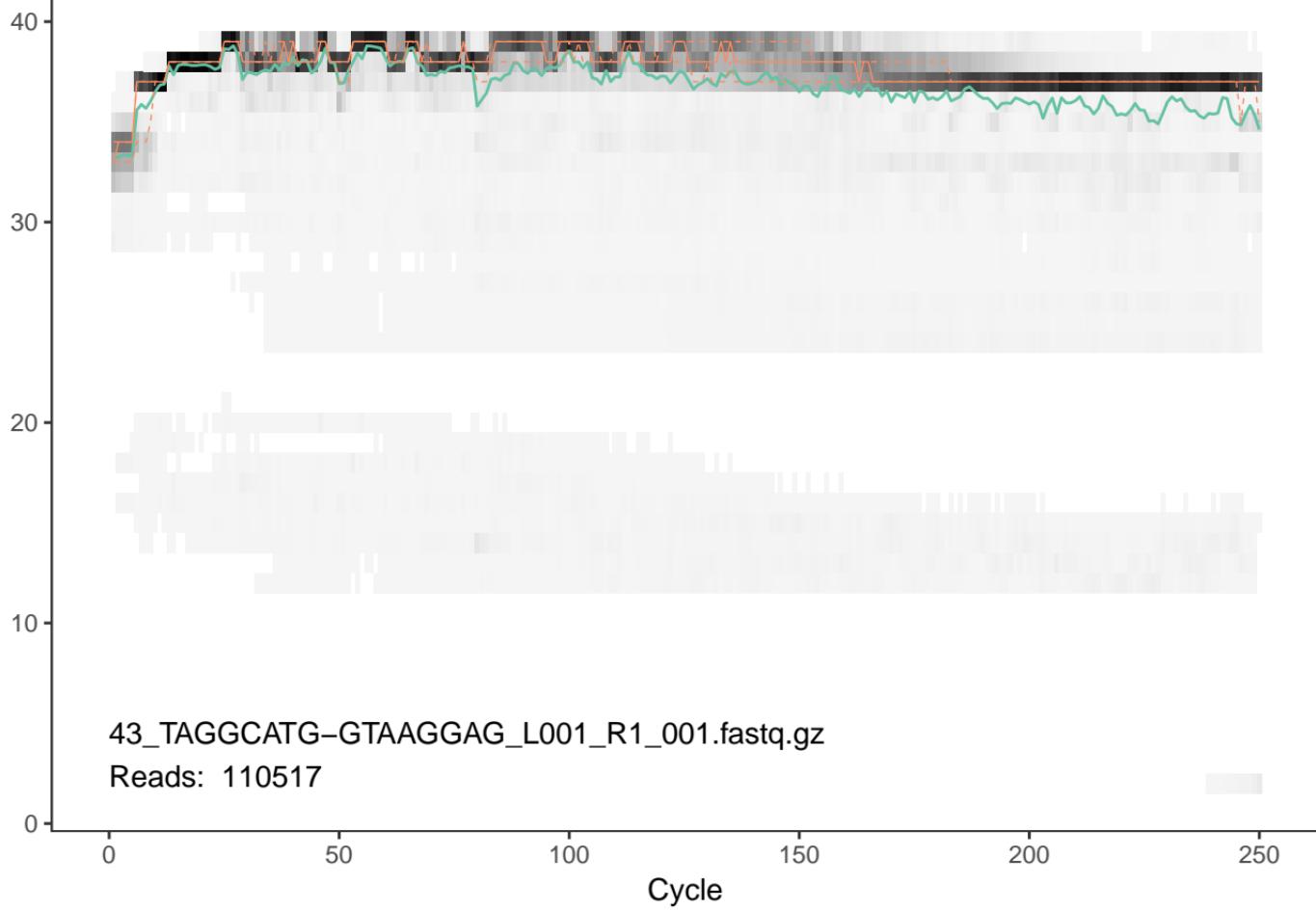
Fwd

Quality Score



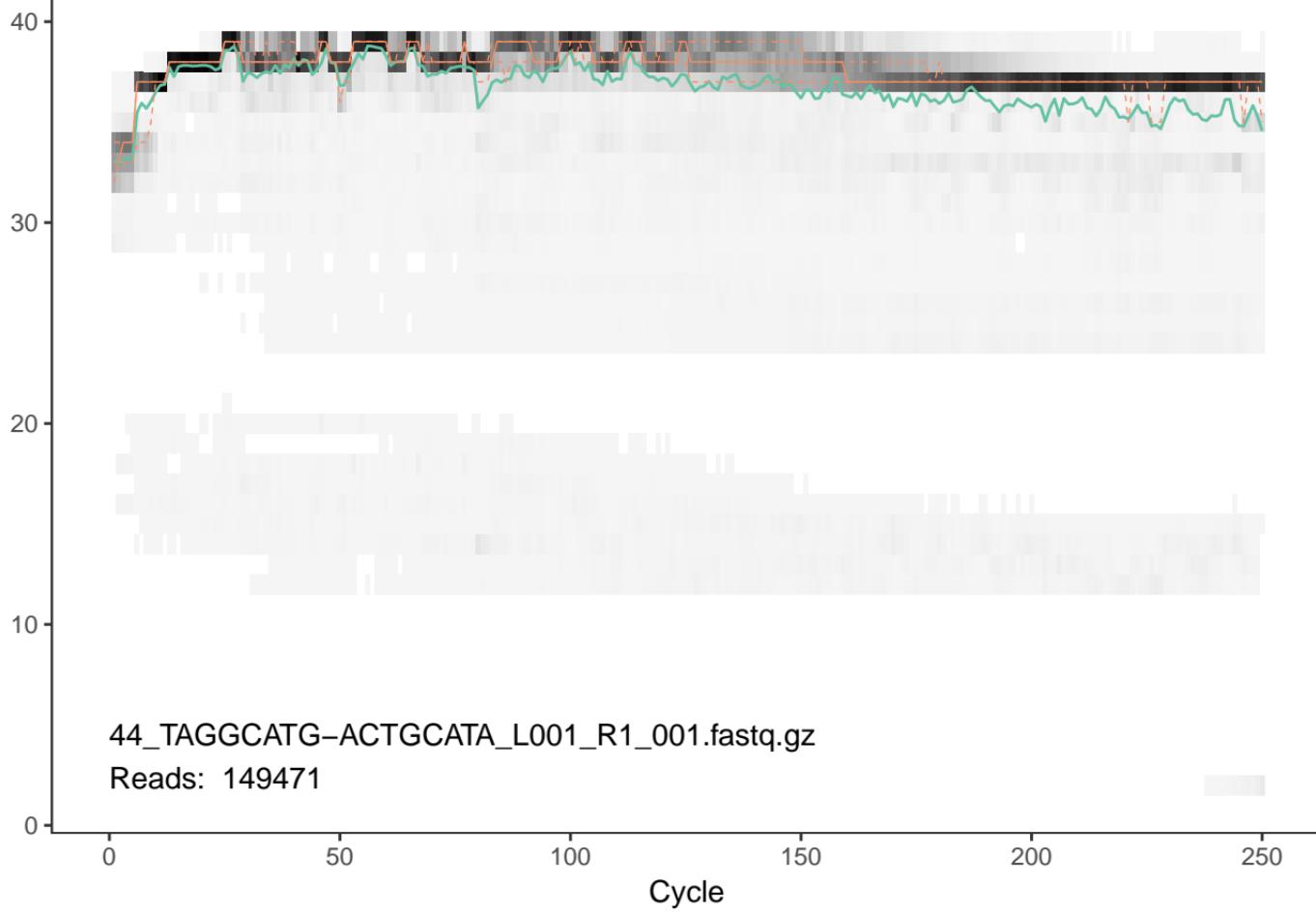
Fwd

Quality Score



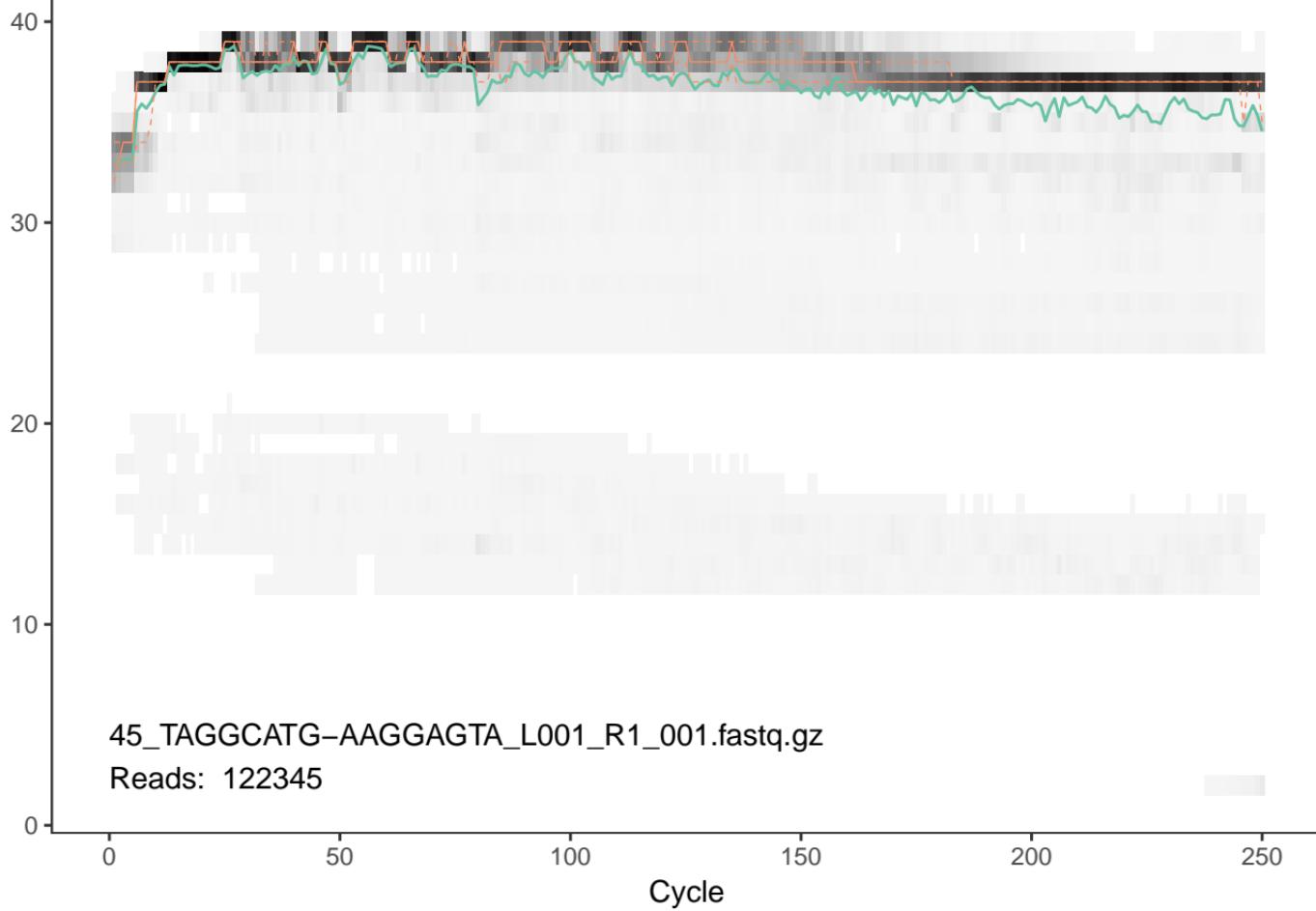
Fwd

Quality Score



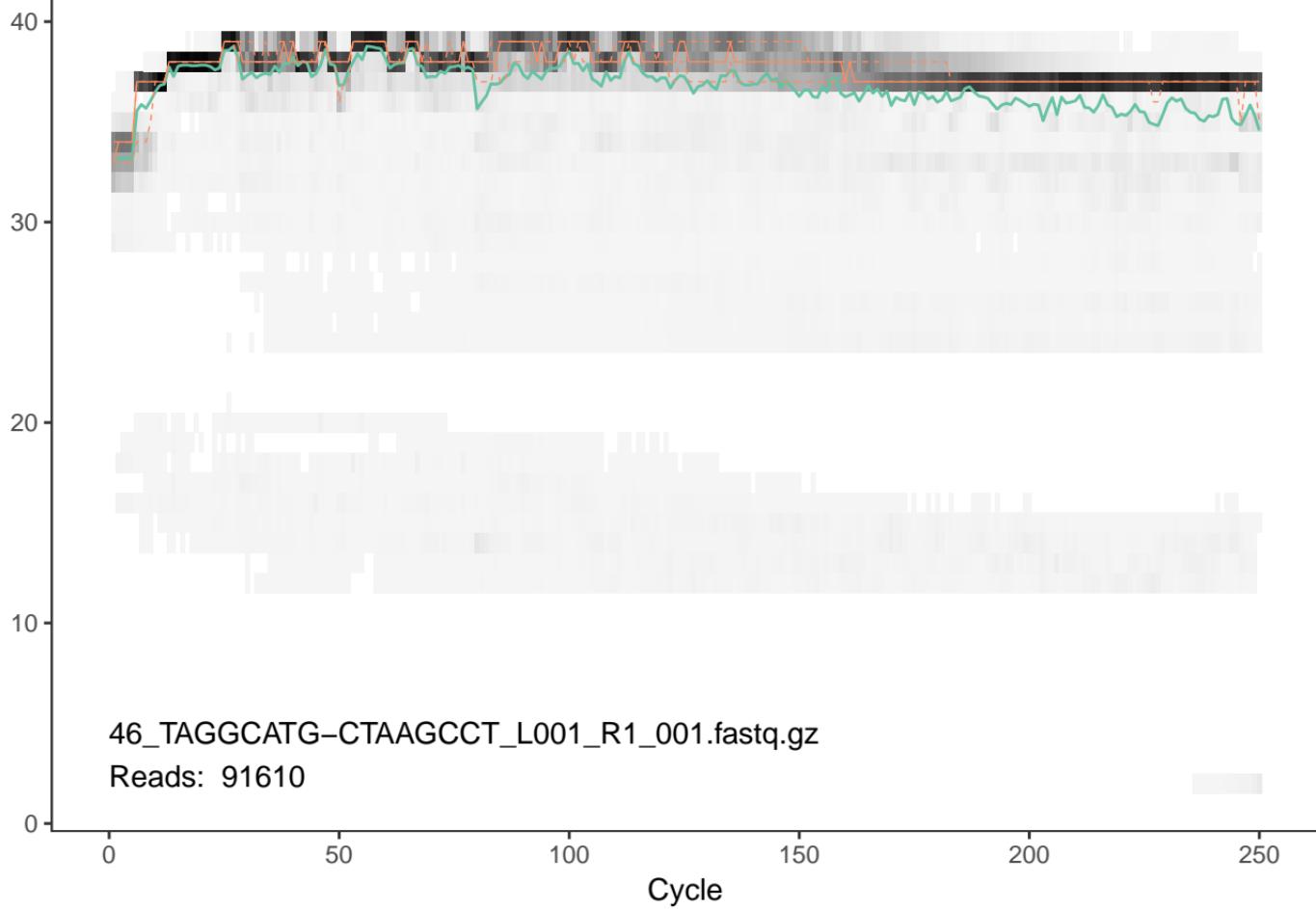
Fwd

Quality Score



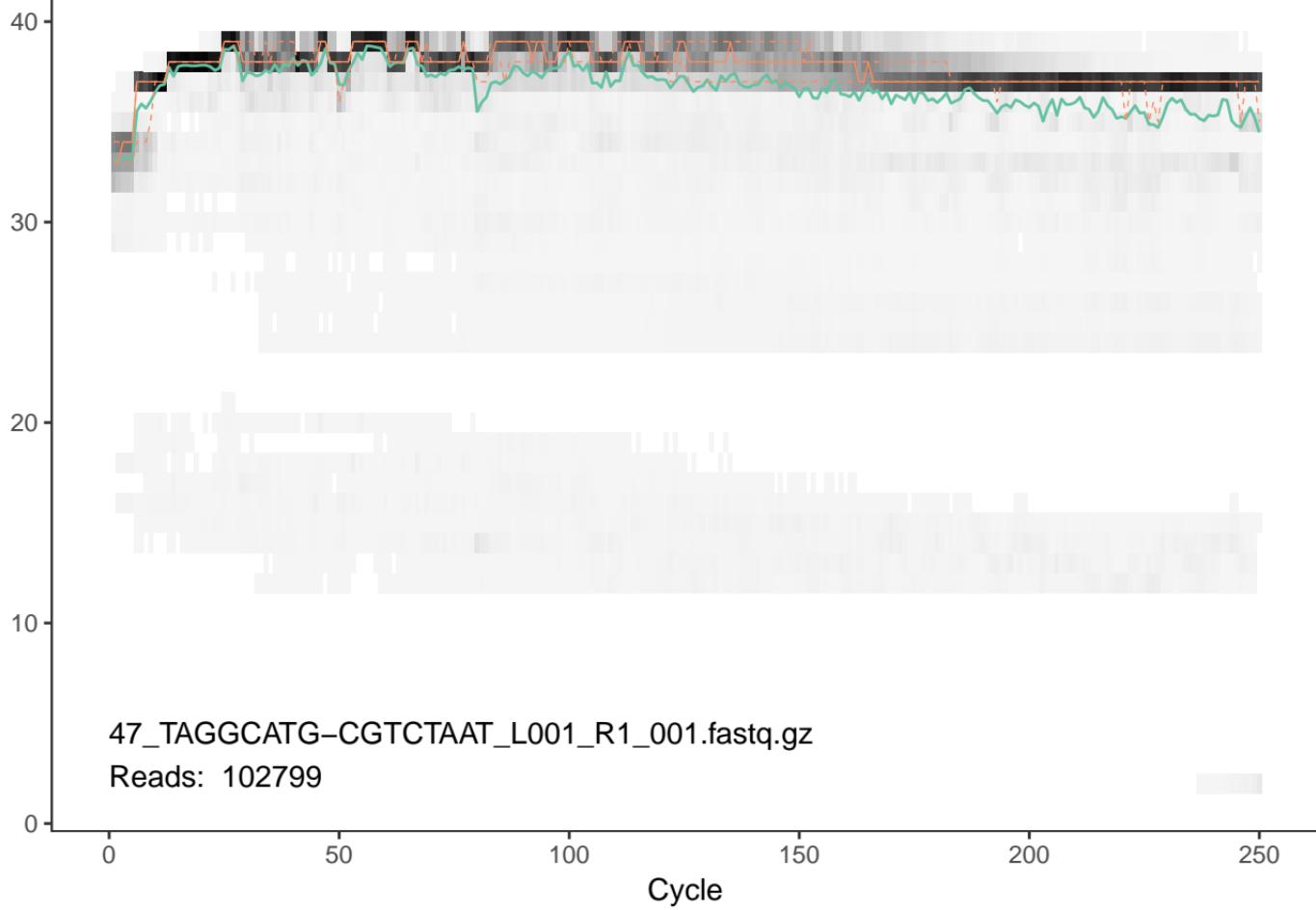
Fwd

Quality Score



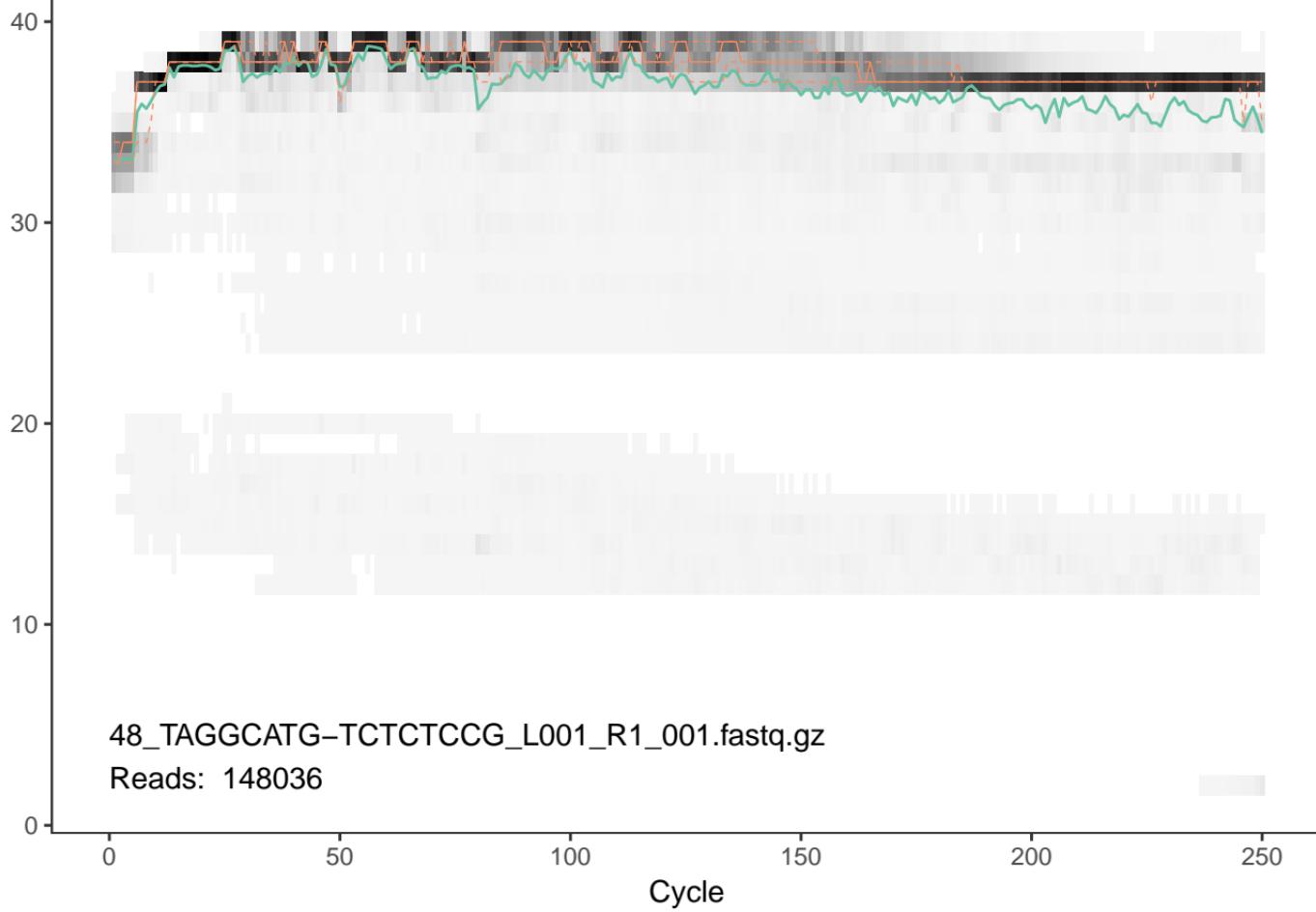
Fwd

Quality Score



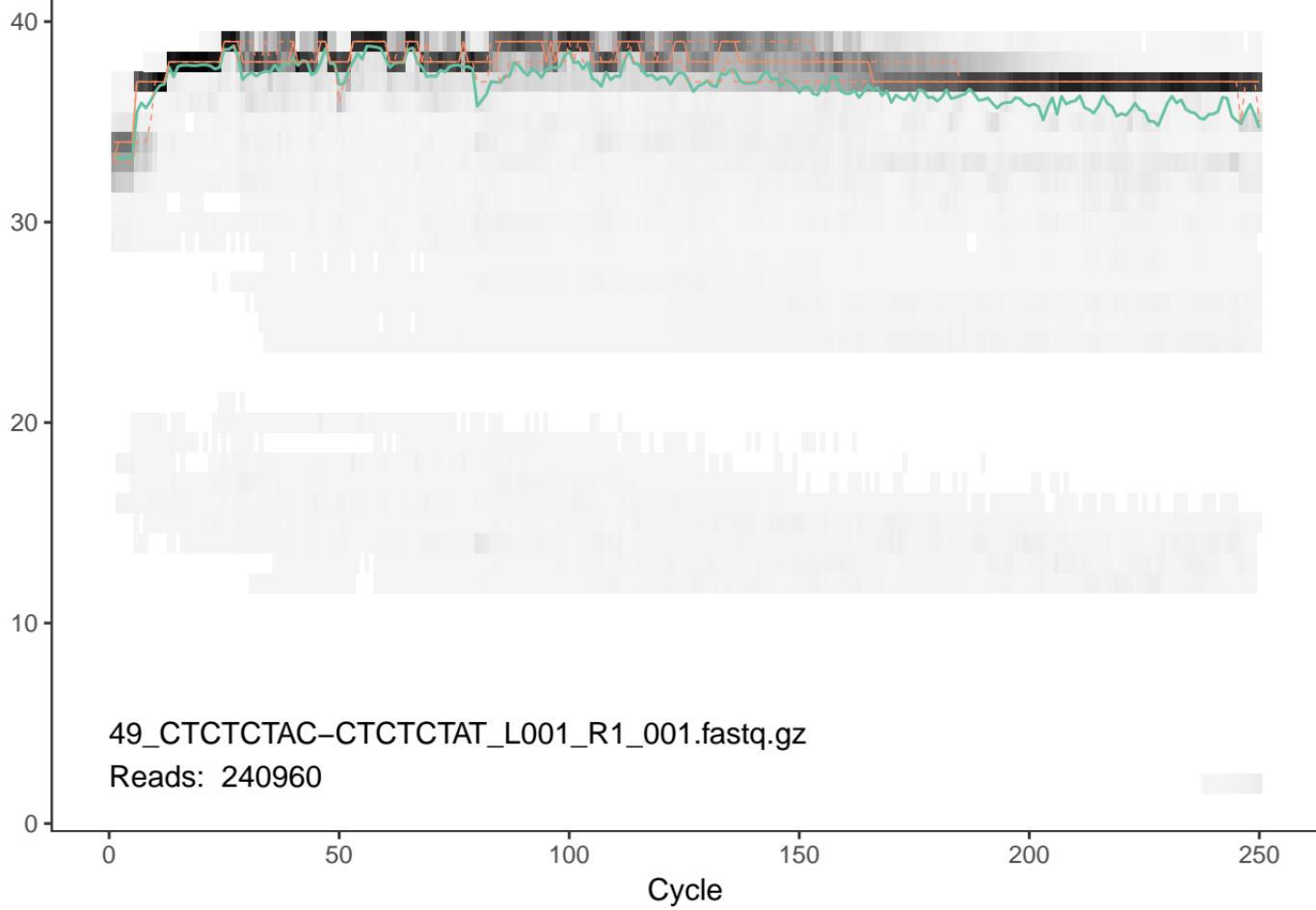
Fwd

Quality Score



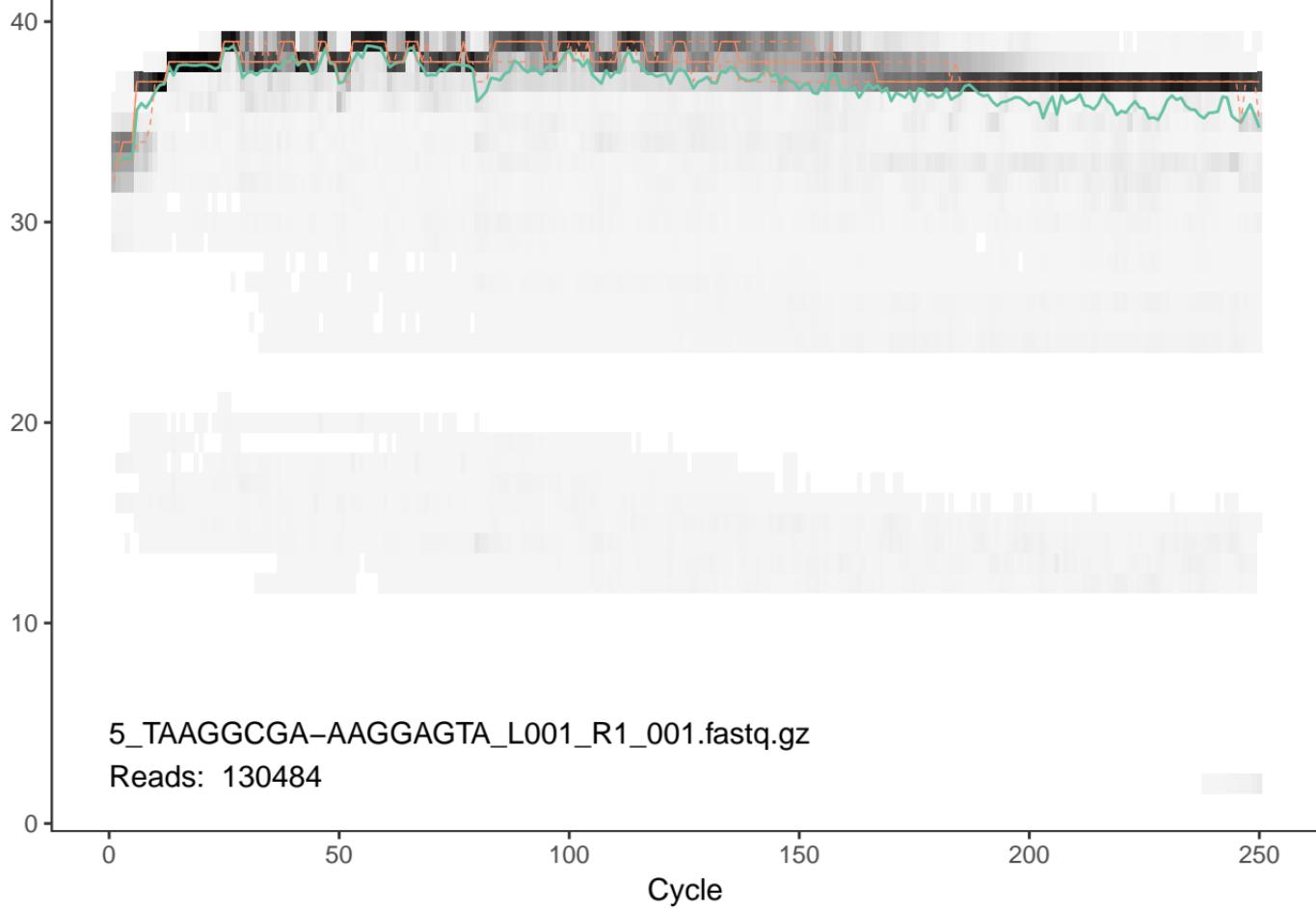
Fwd

Quality Score



Fwd

Quality Score



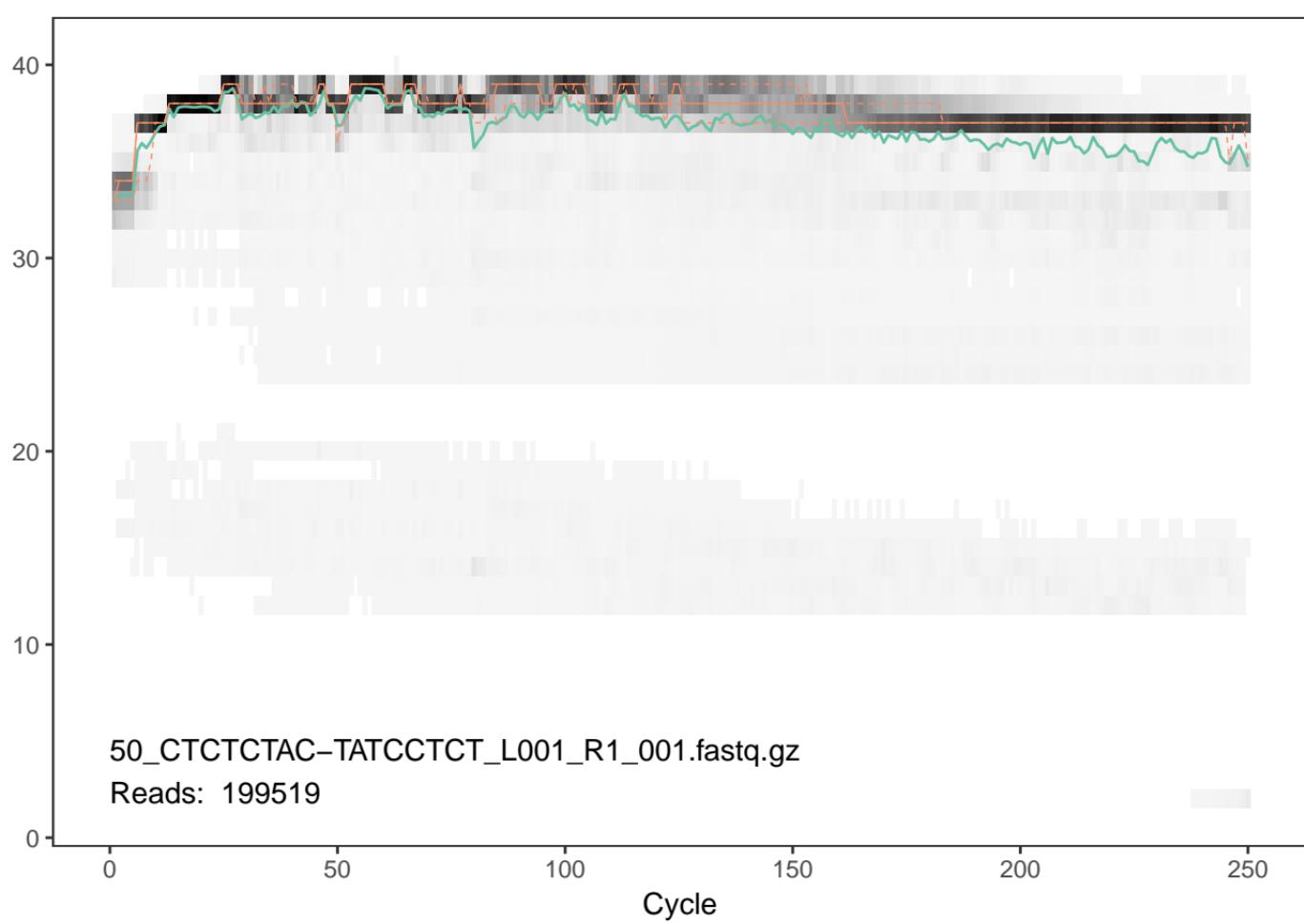
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Reads: 130484

Cycle

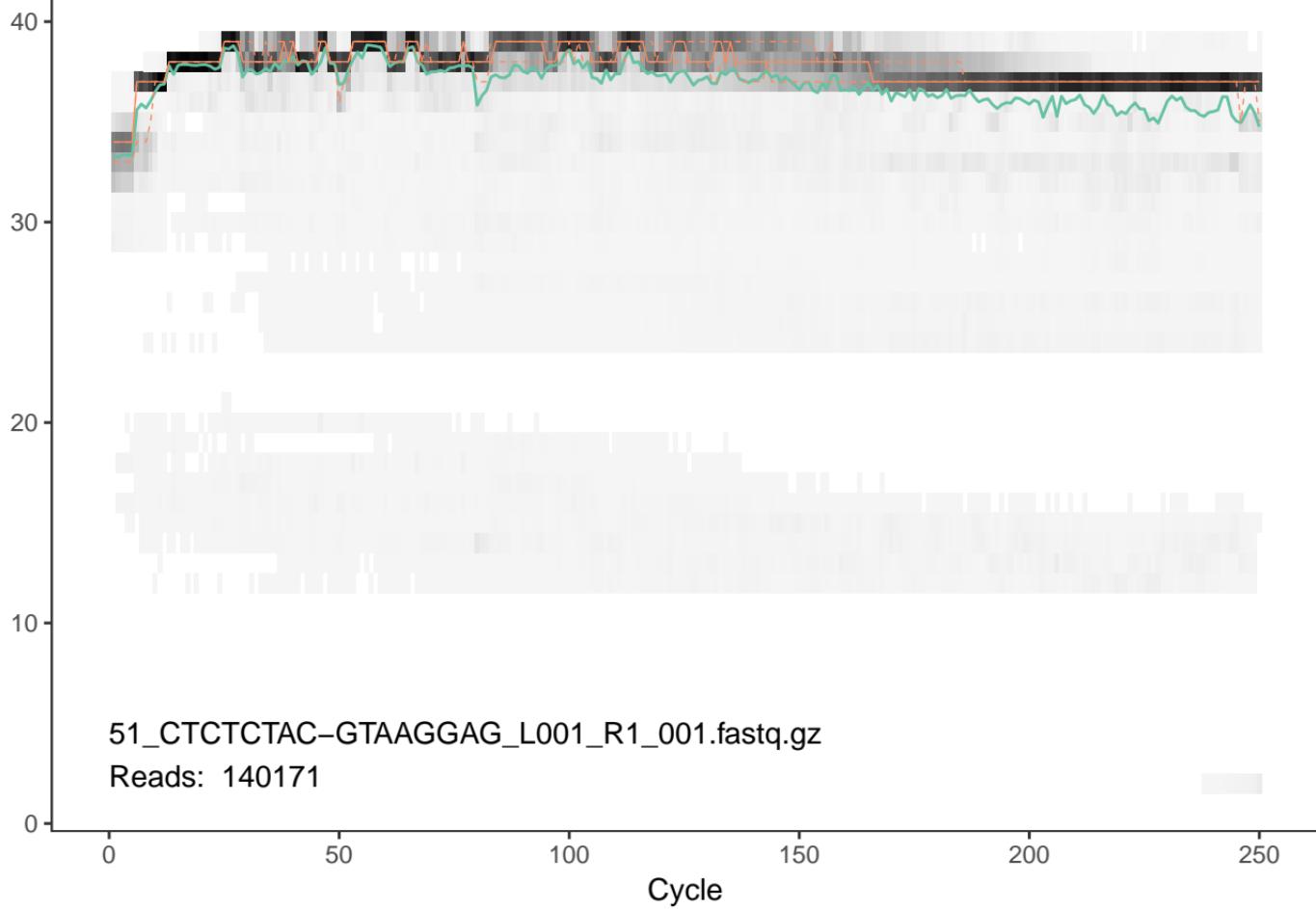
Fwd

Quality Score



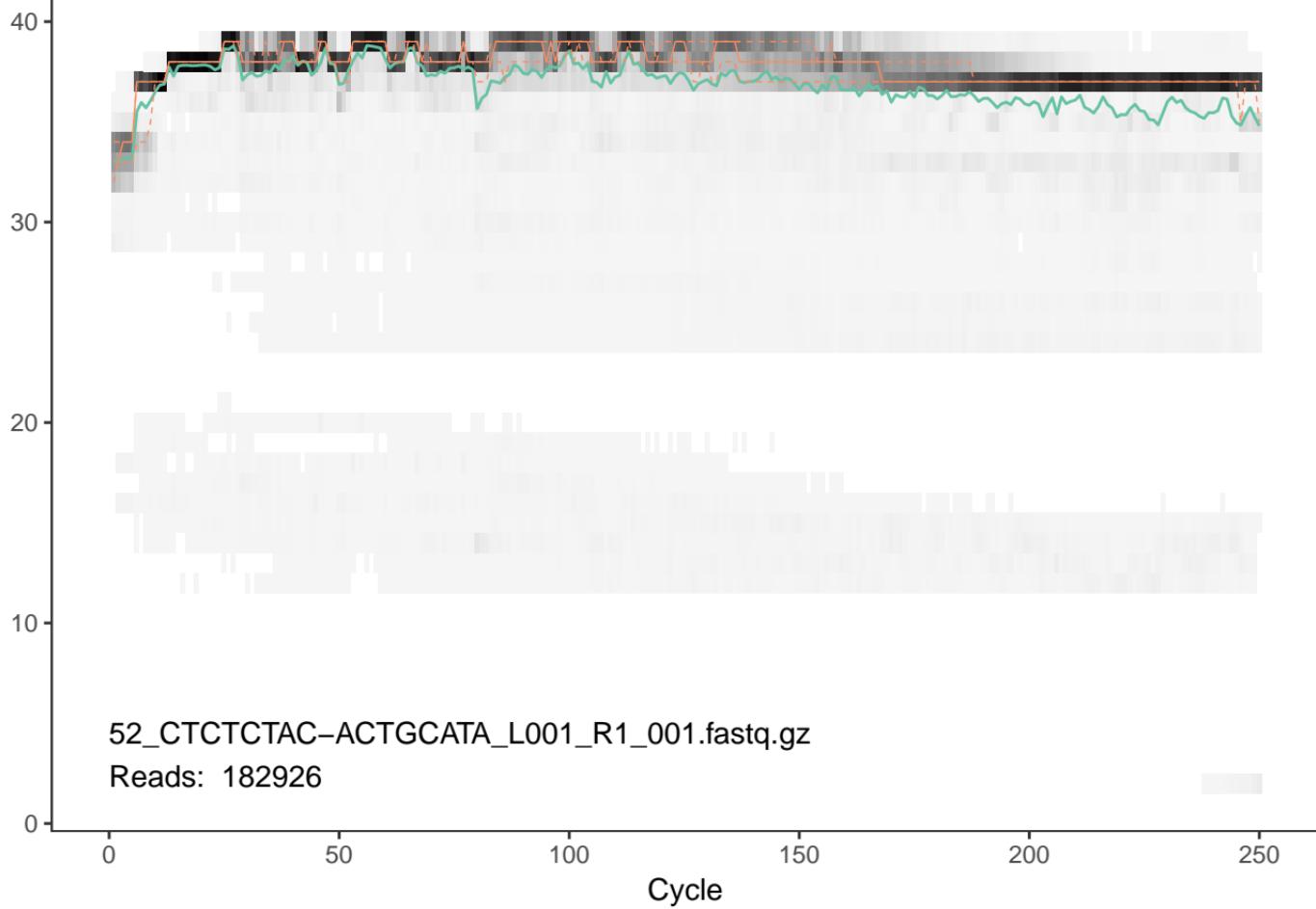
Fwd

Quality Score



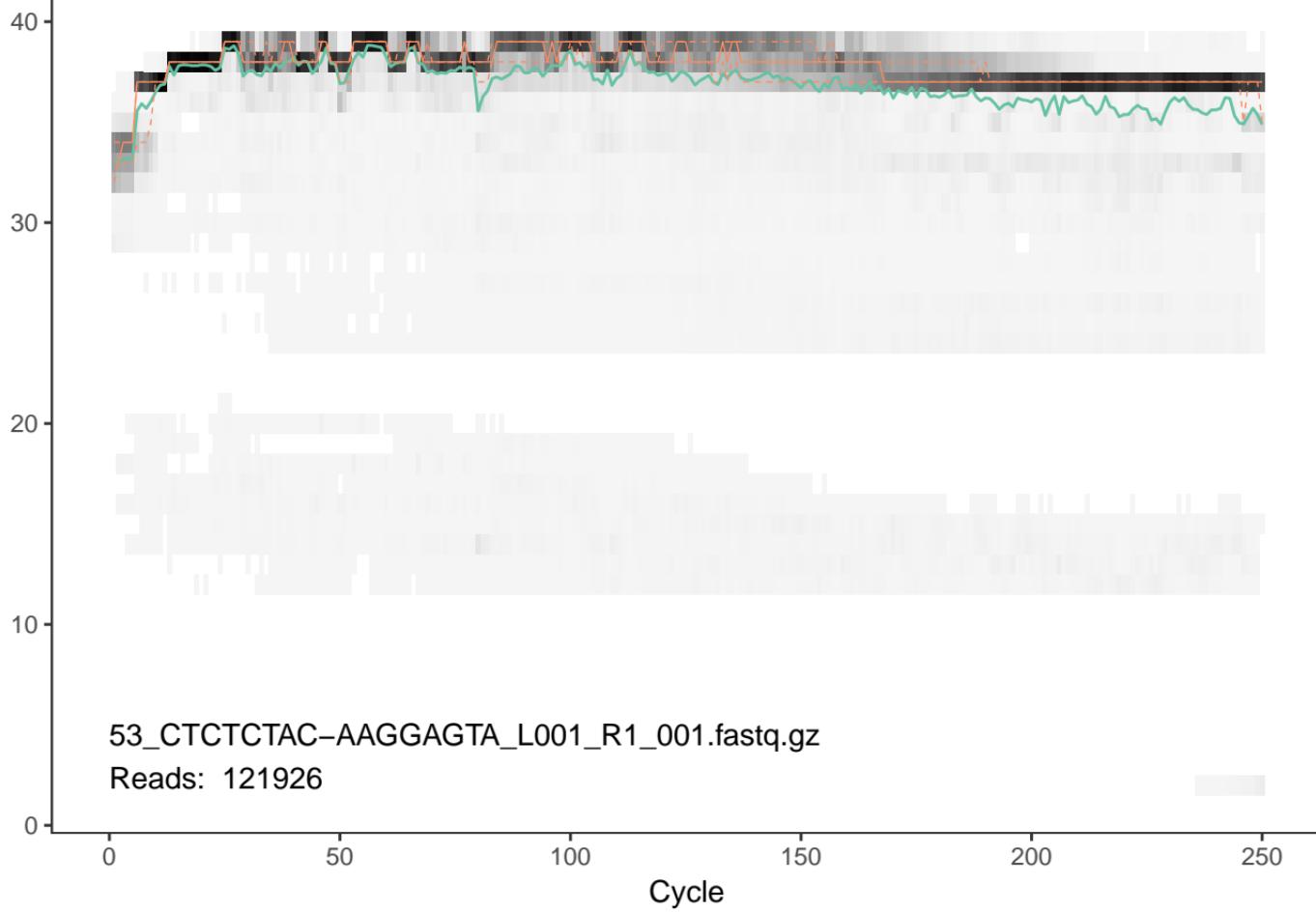
Fwd

Quality Score



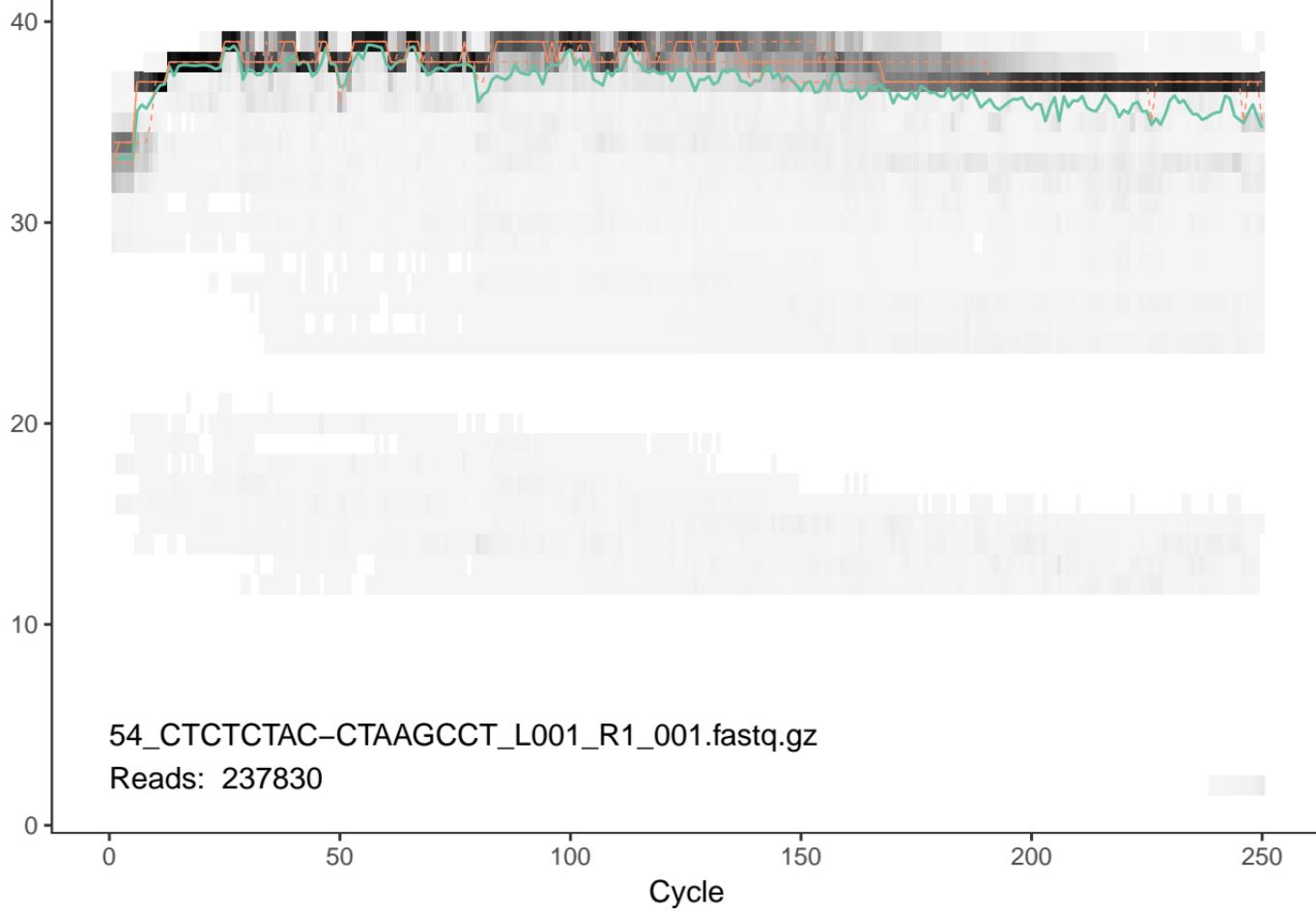
Fwd

Quality Score



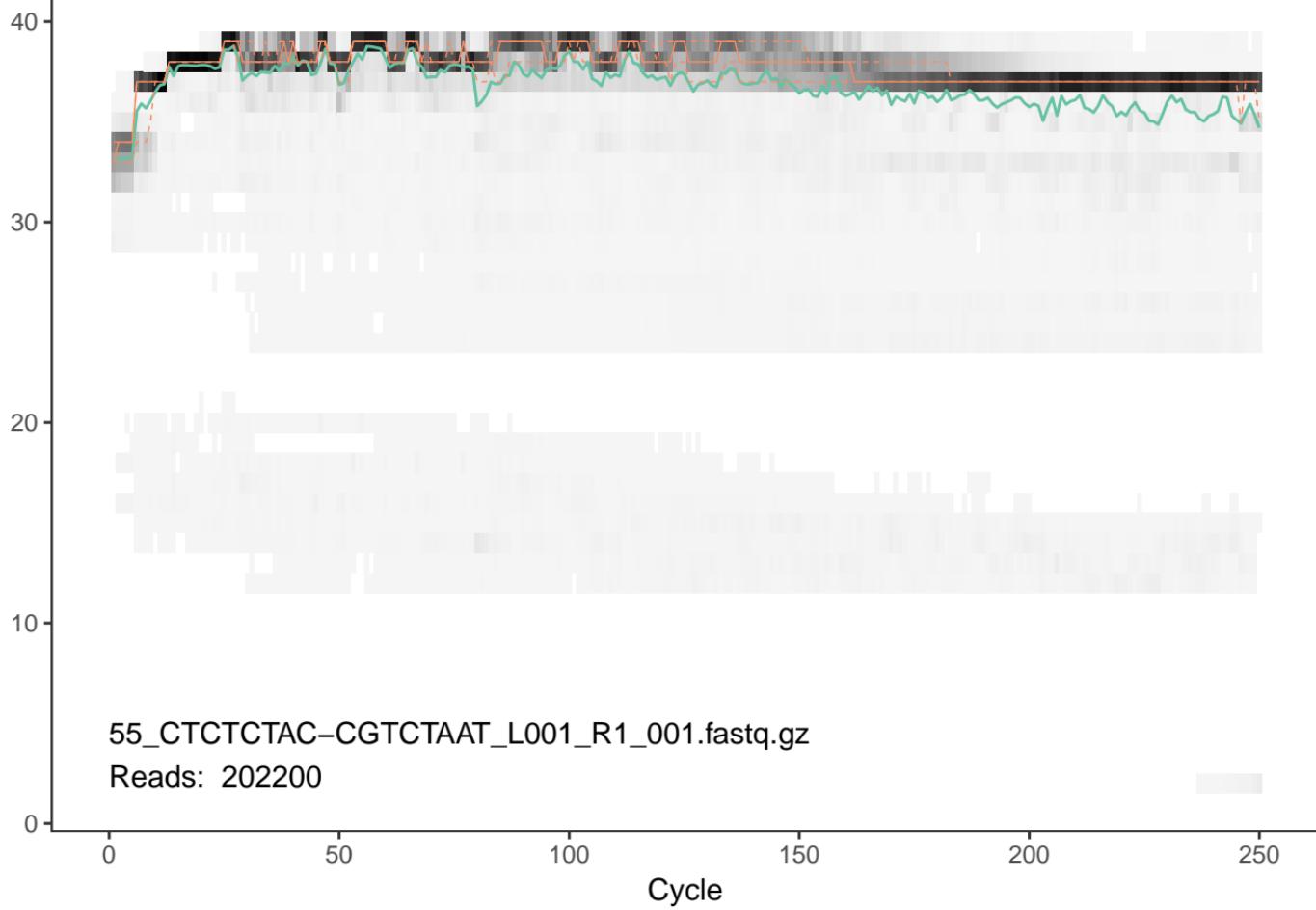
Fwd

Quality Score



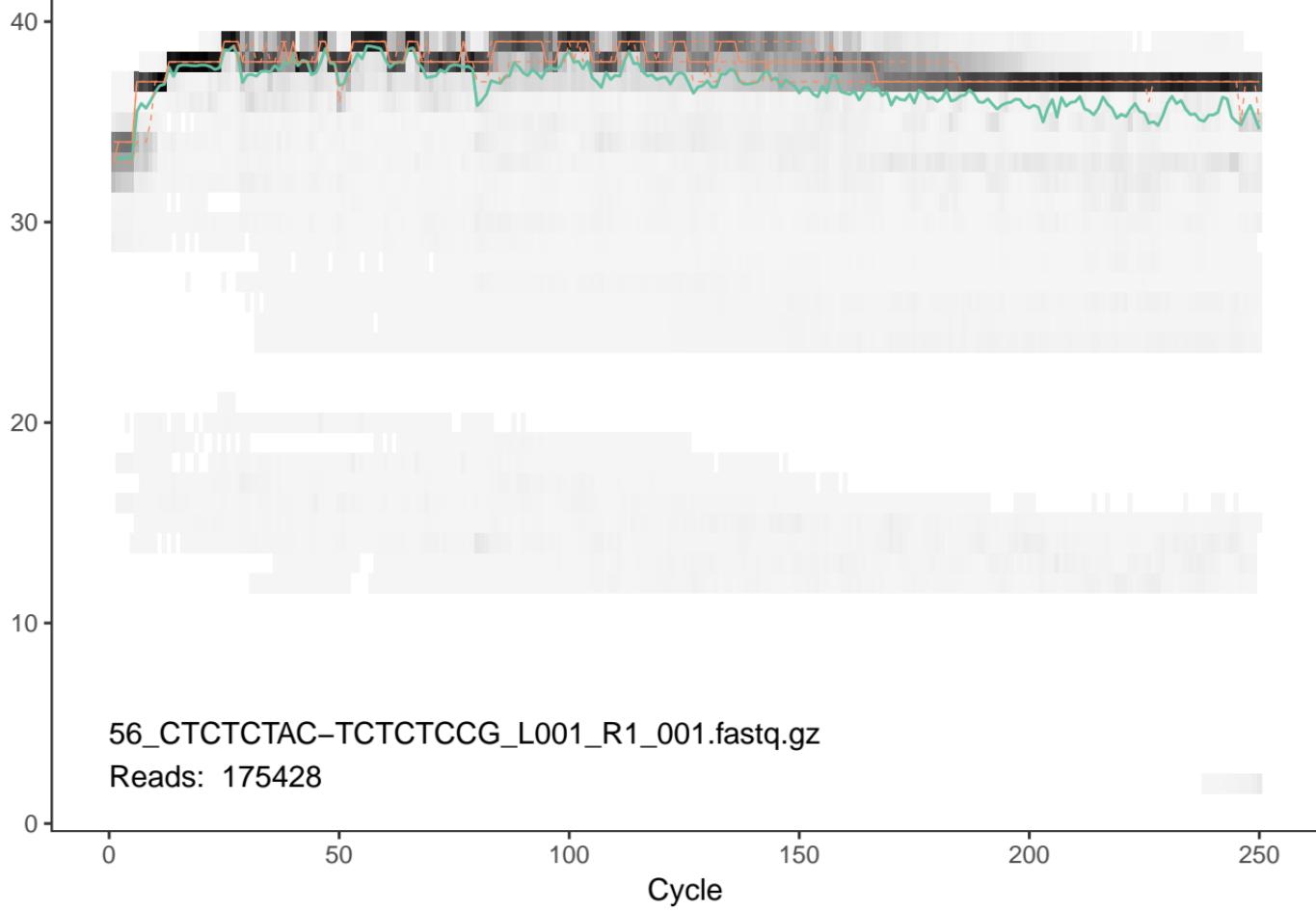
Fwd

Quality Score



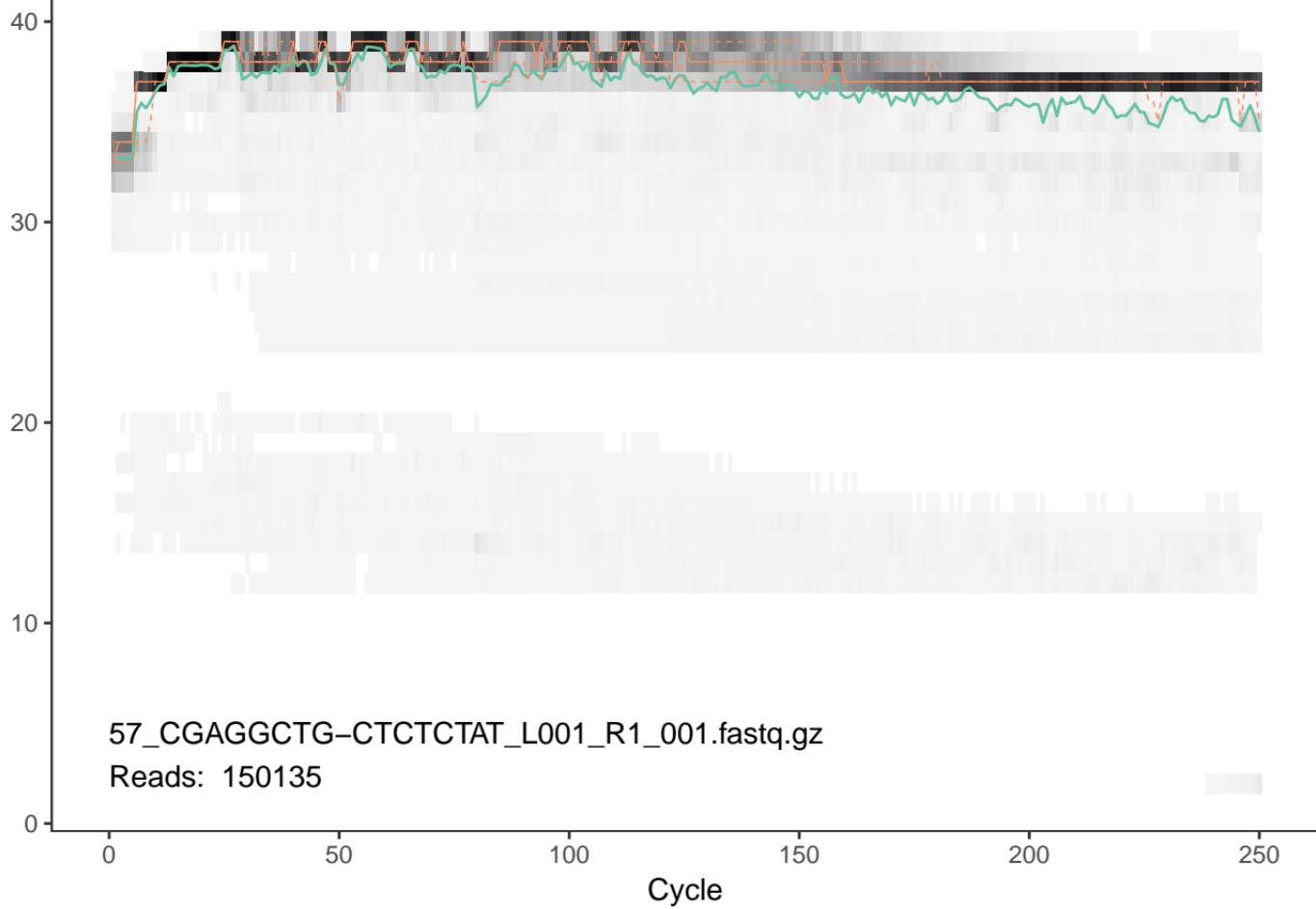
Fwd

Quality Score



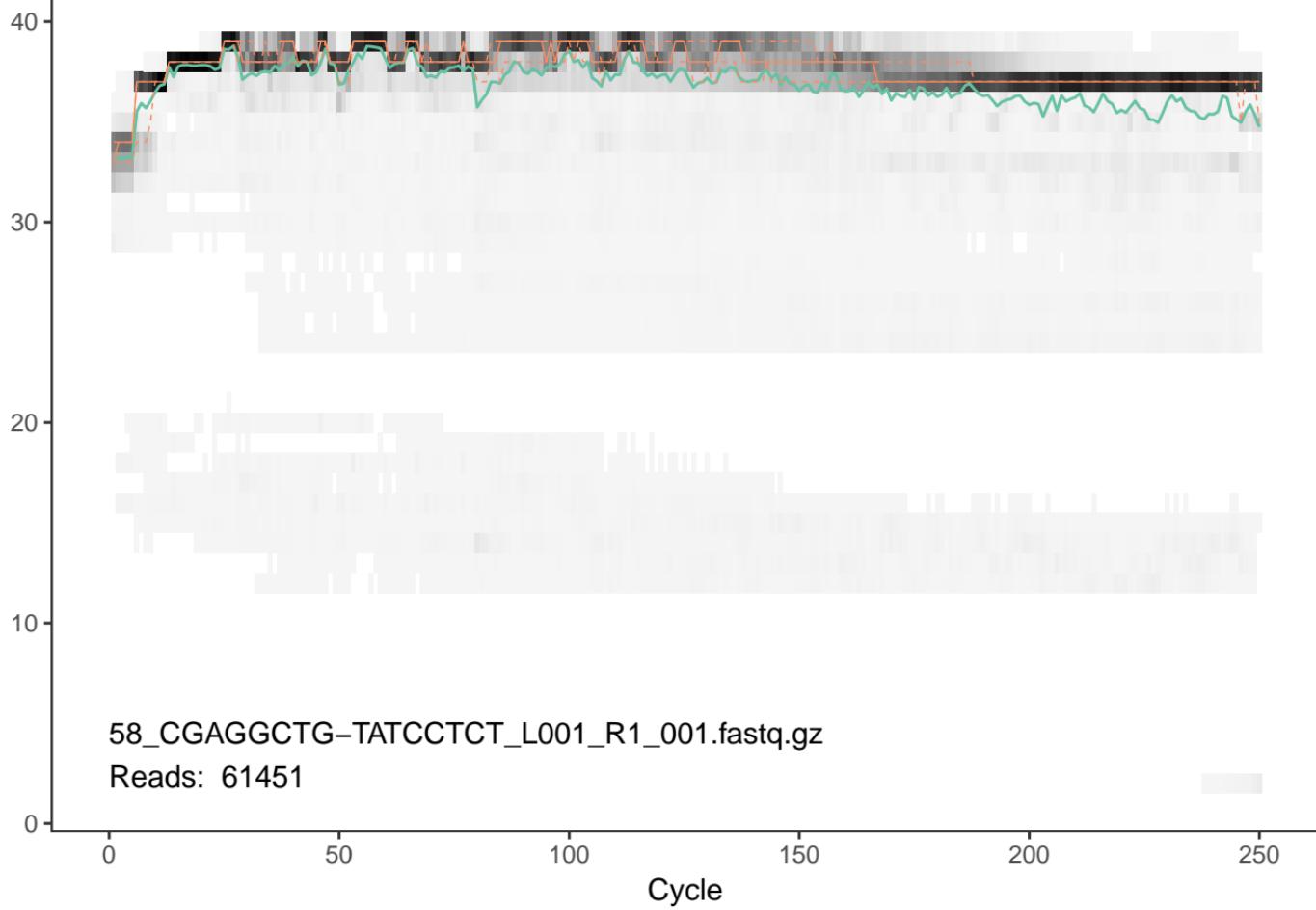
Fwd

Quality Score



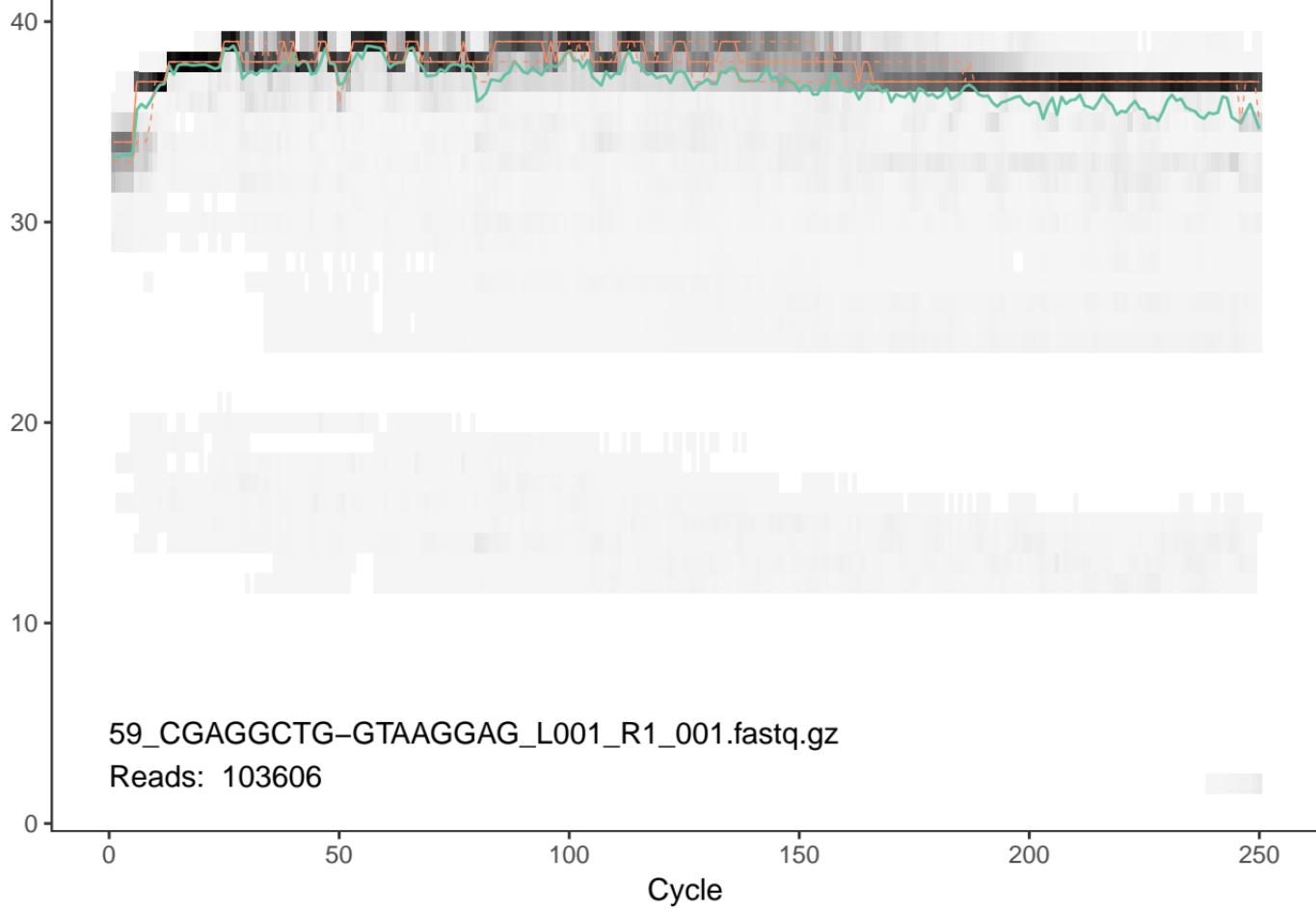
Fwd

Quality Score



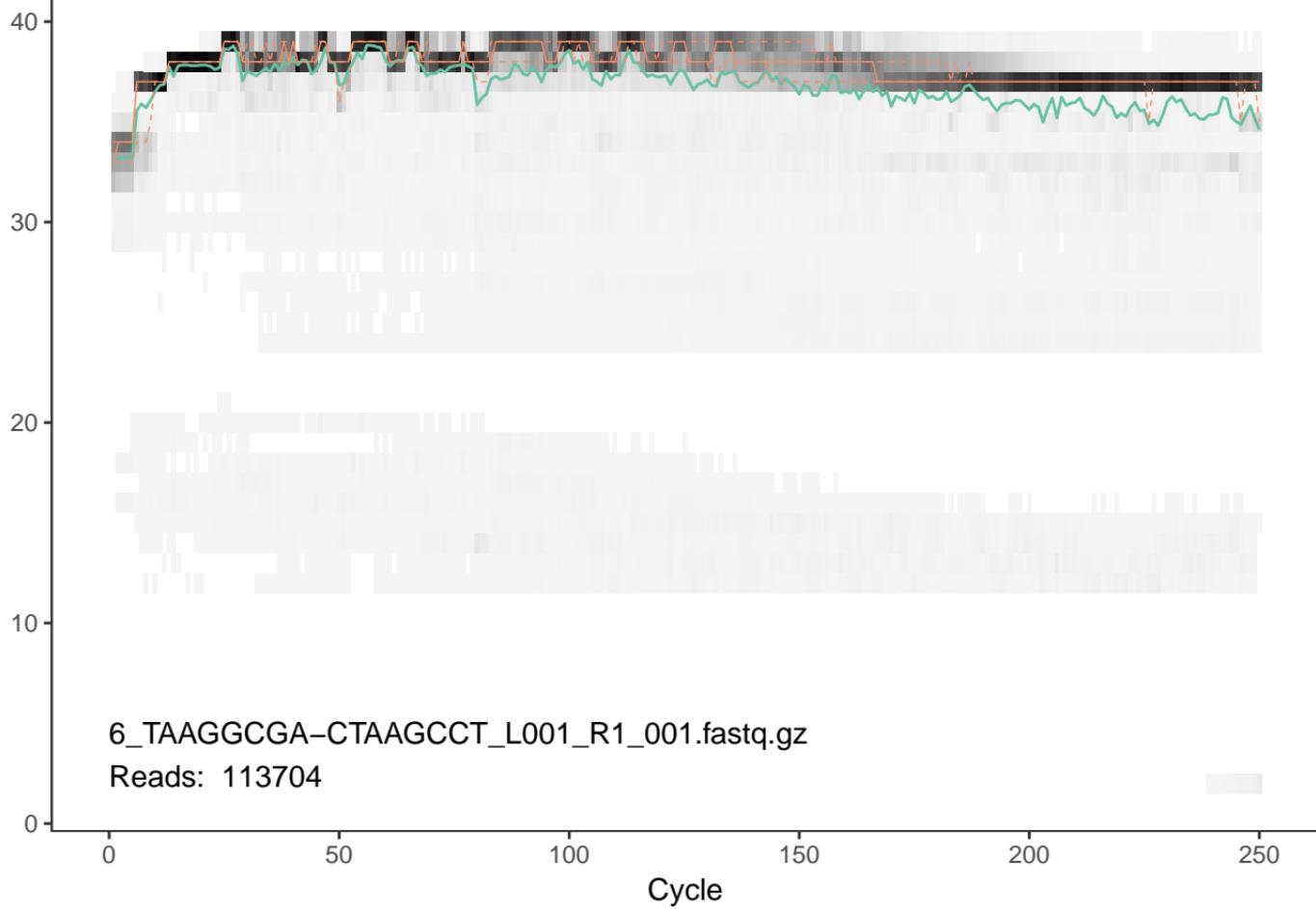
Fwd

Quality Score



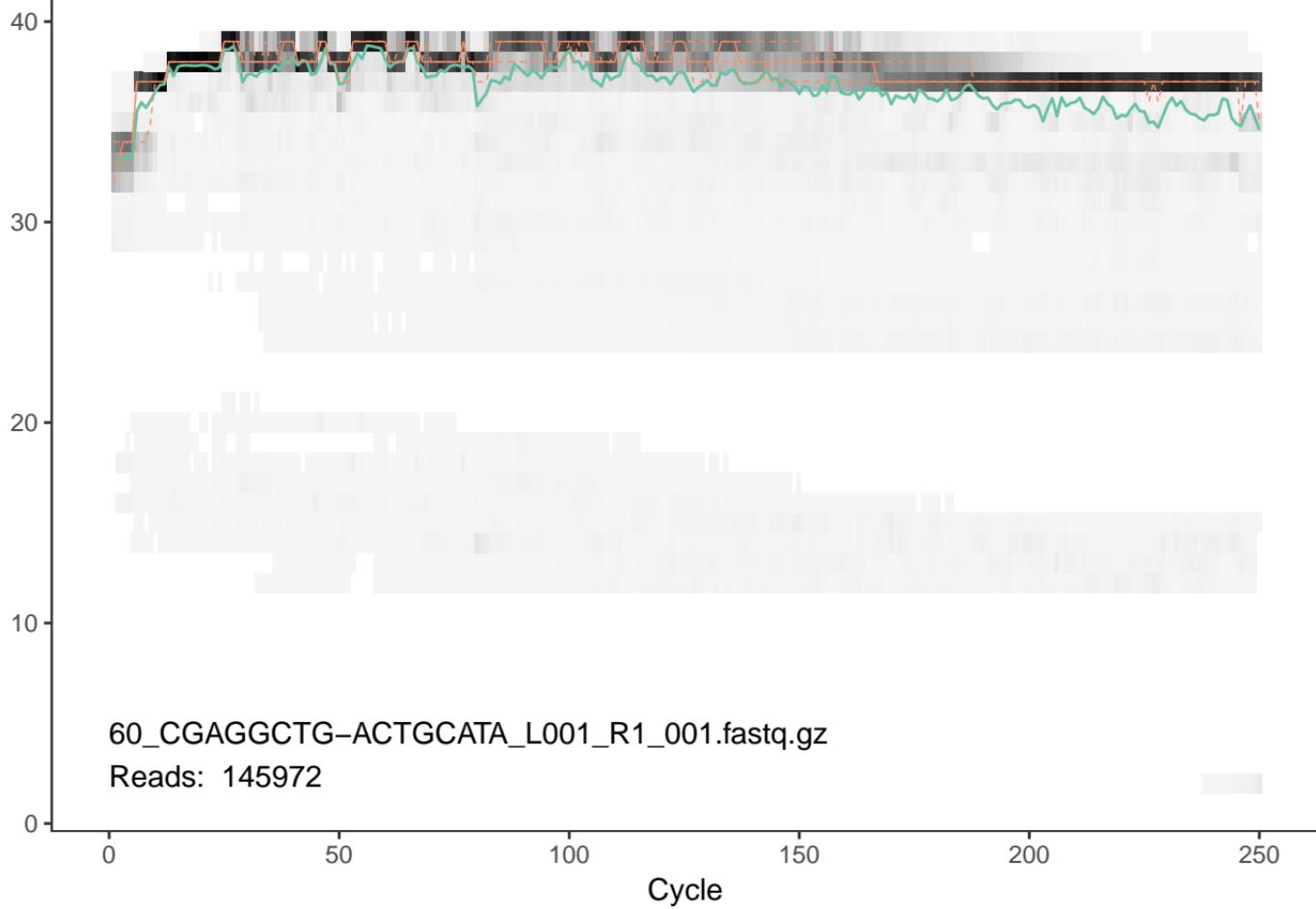
Fwd

Quality Score



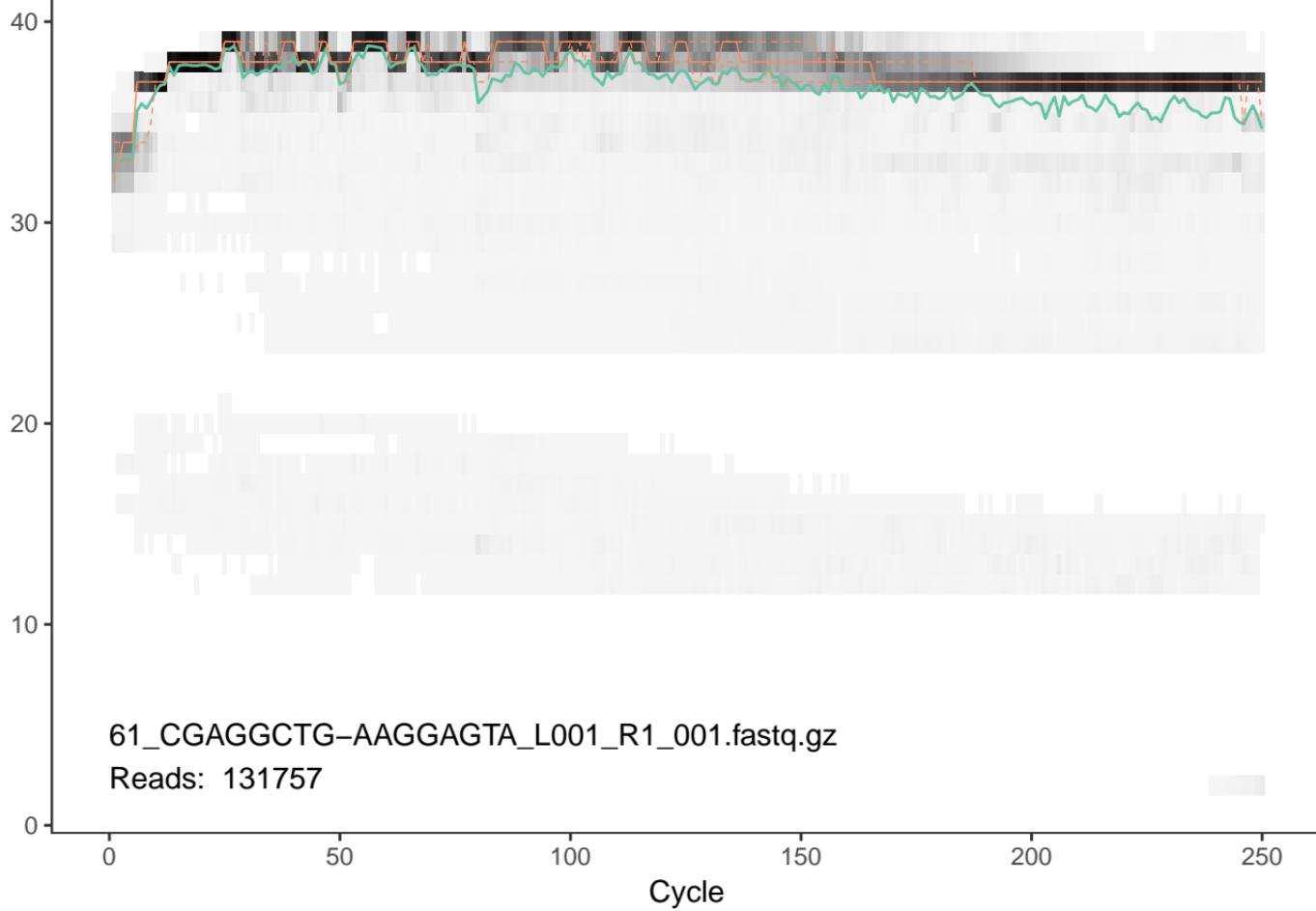
Fwd

Quality Score



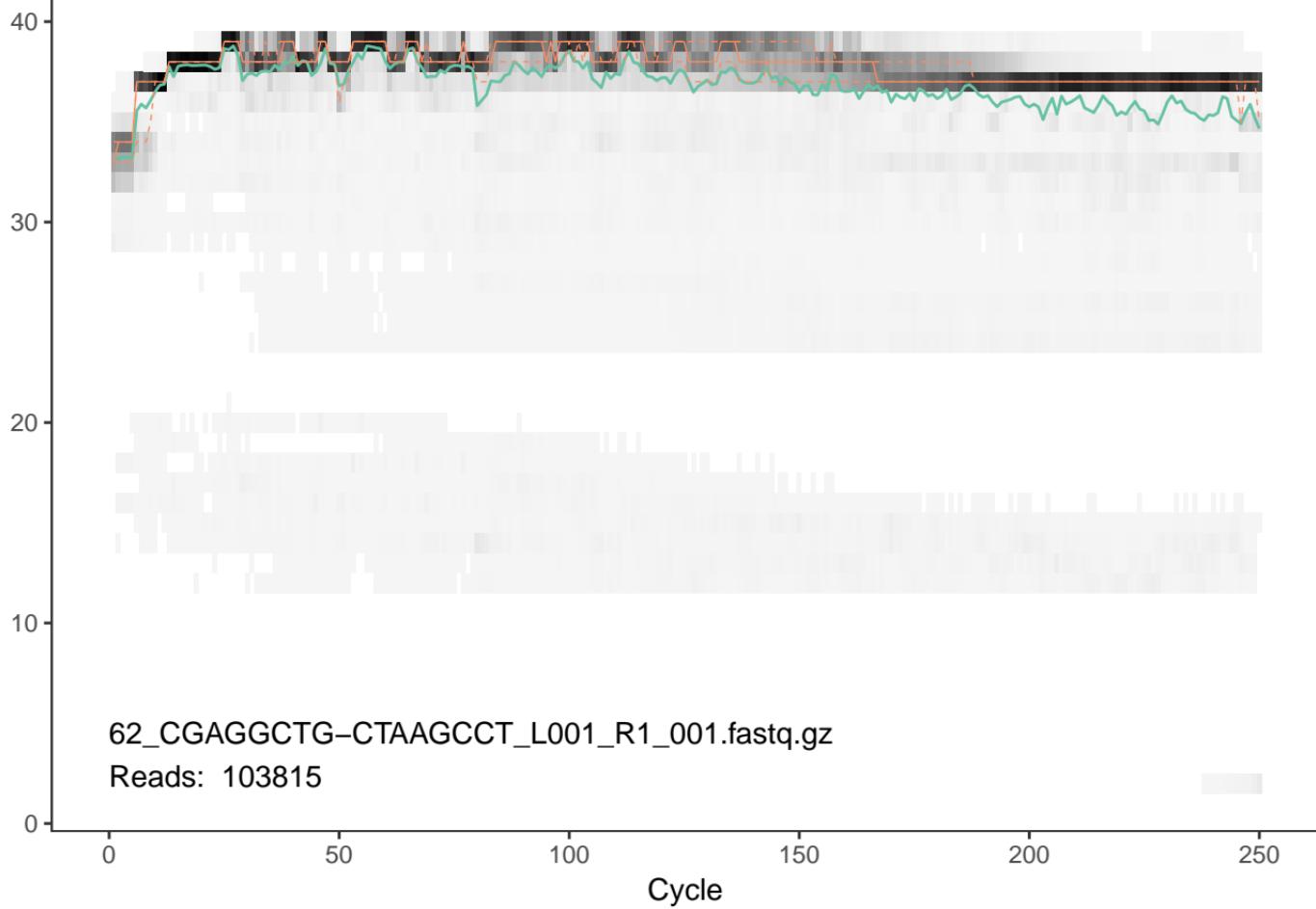
Fwd

Quality Score



Fwd

Quality Score



Fwd

Quality Score

40

30

20

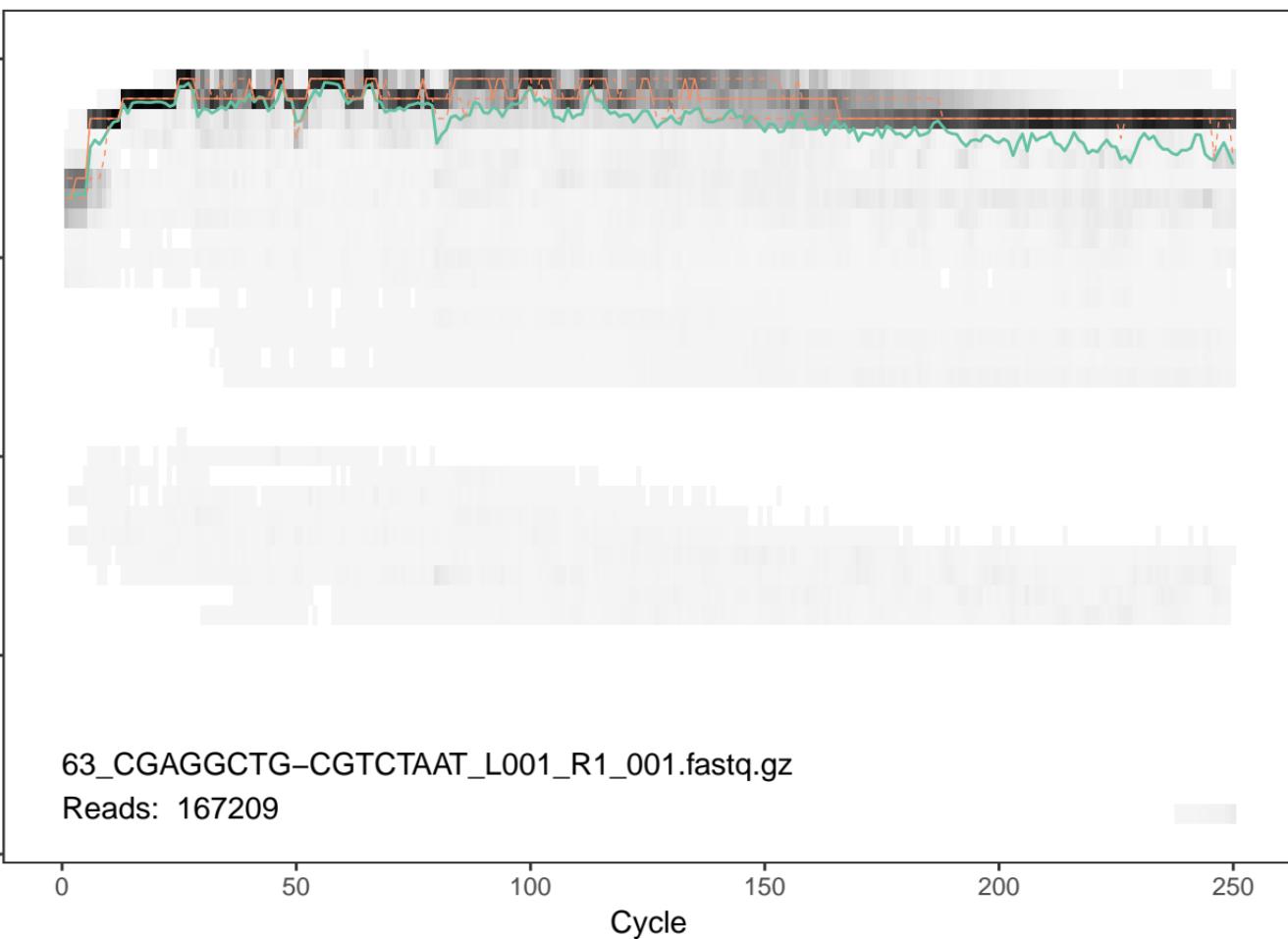
10

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Cycle

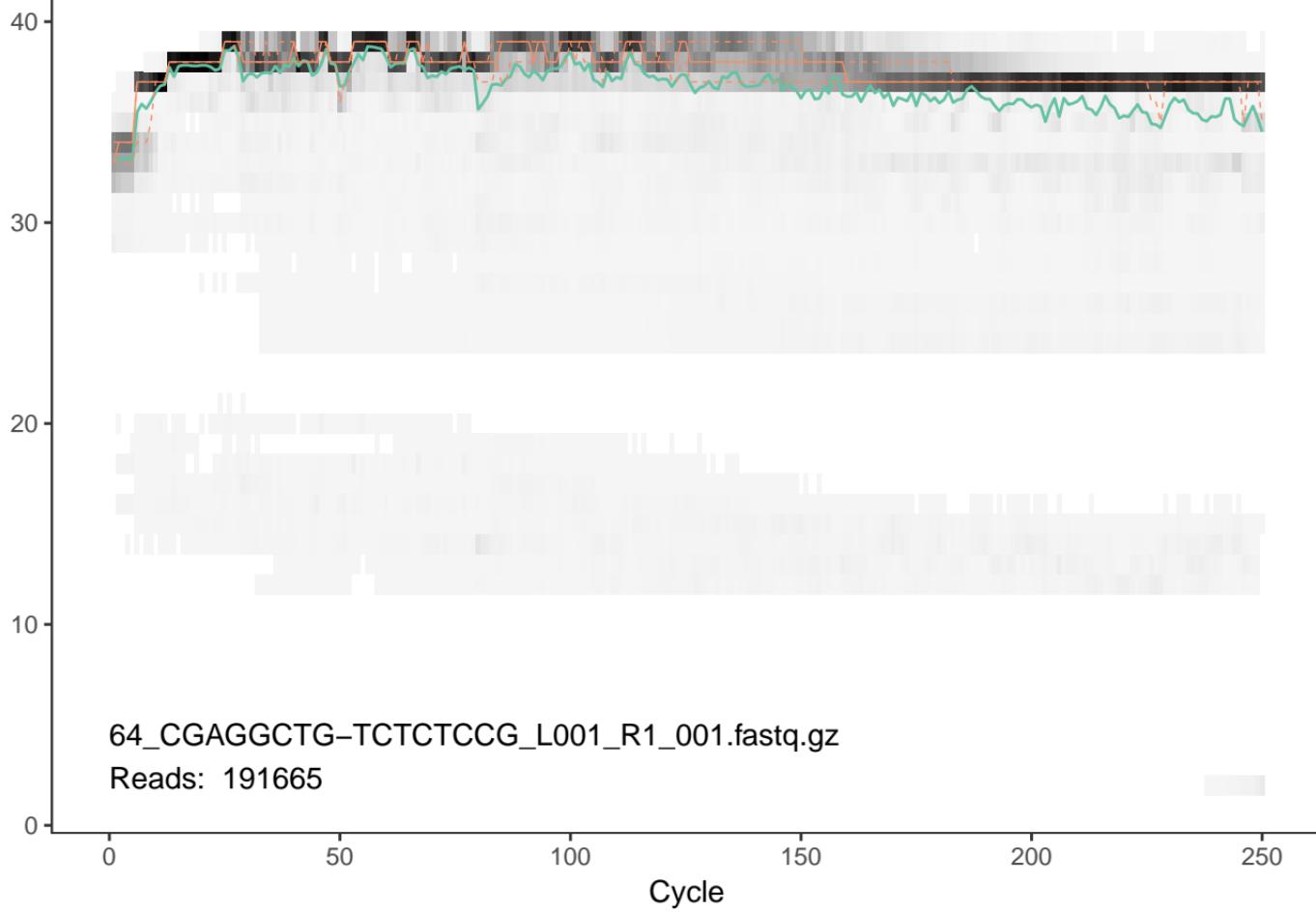
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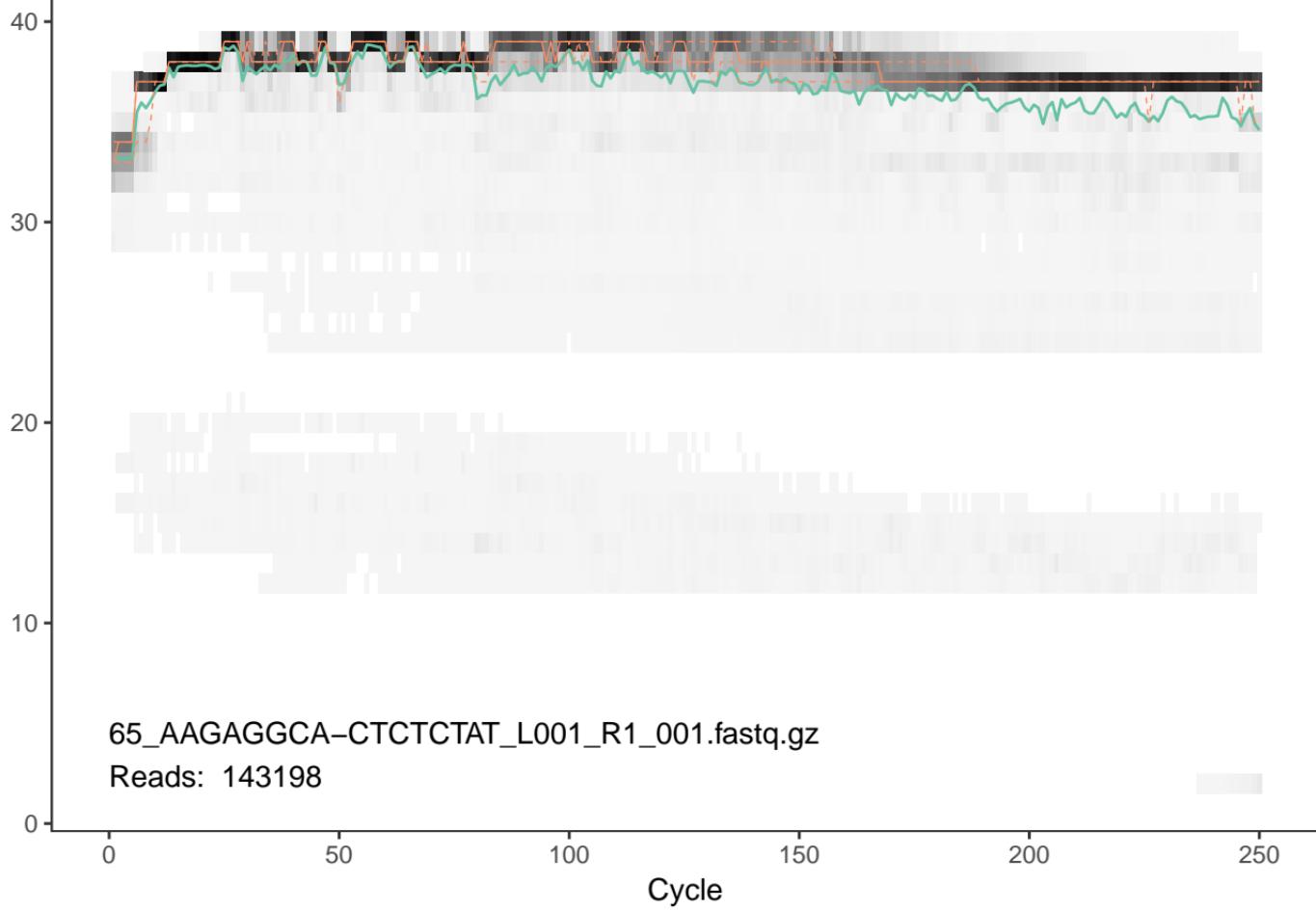
Fwd

Quality Score



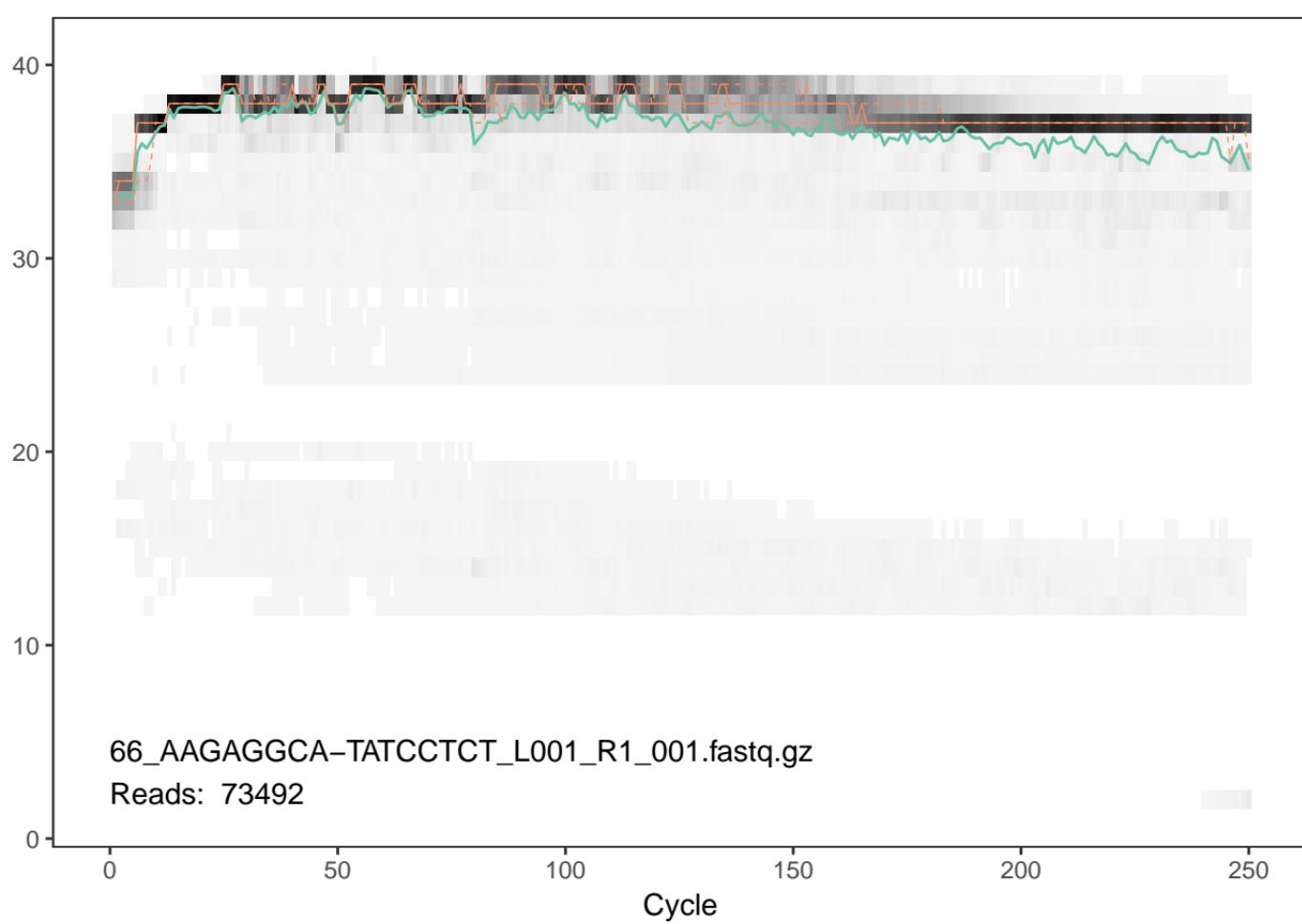
Fwd

Quality Score



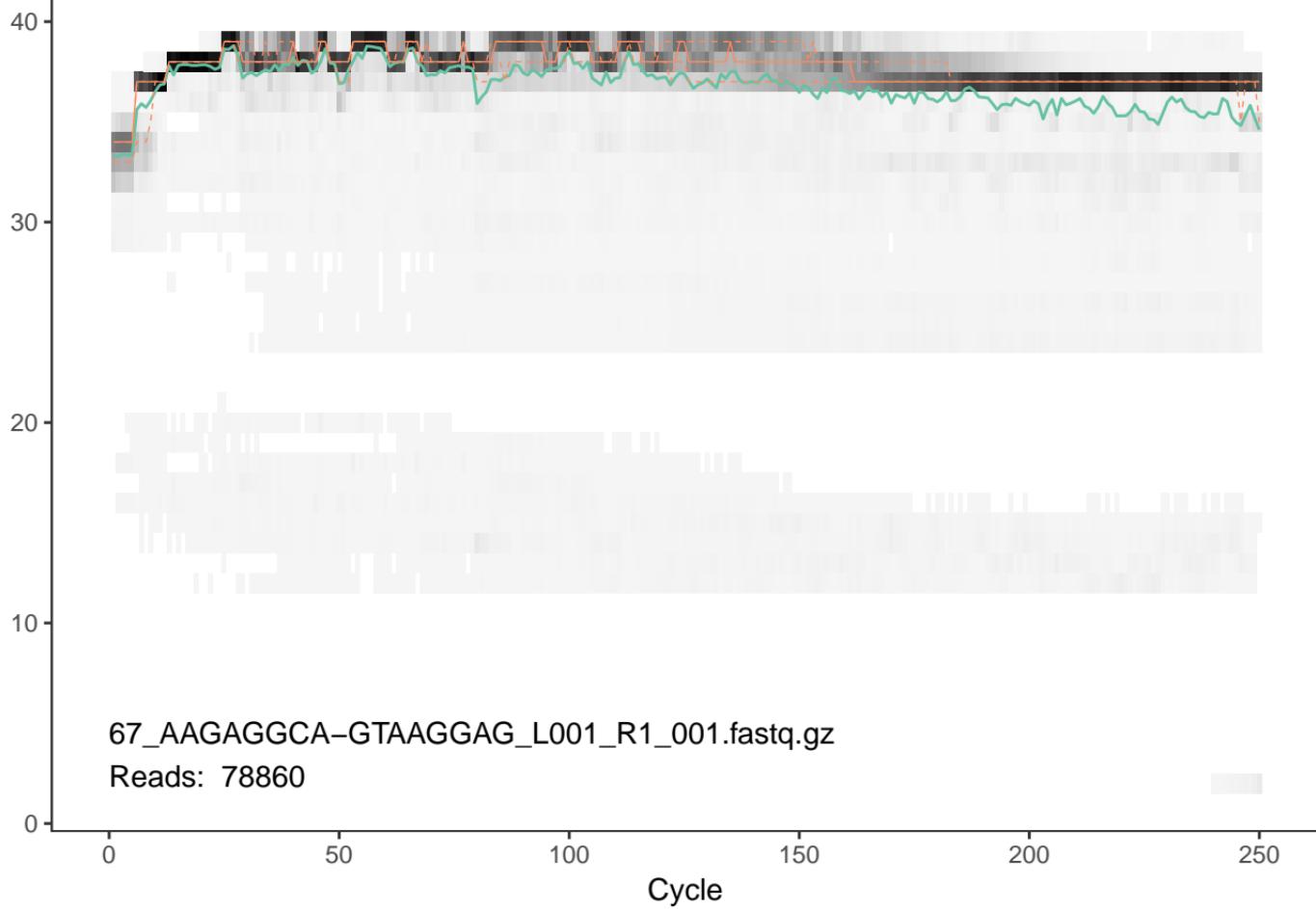
Fwd

Quality Score



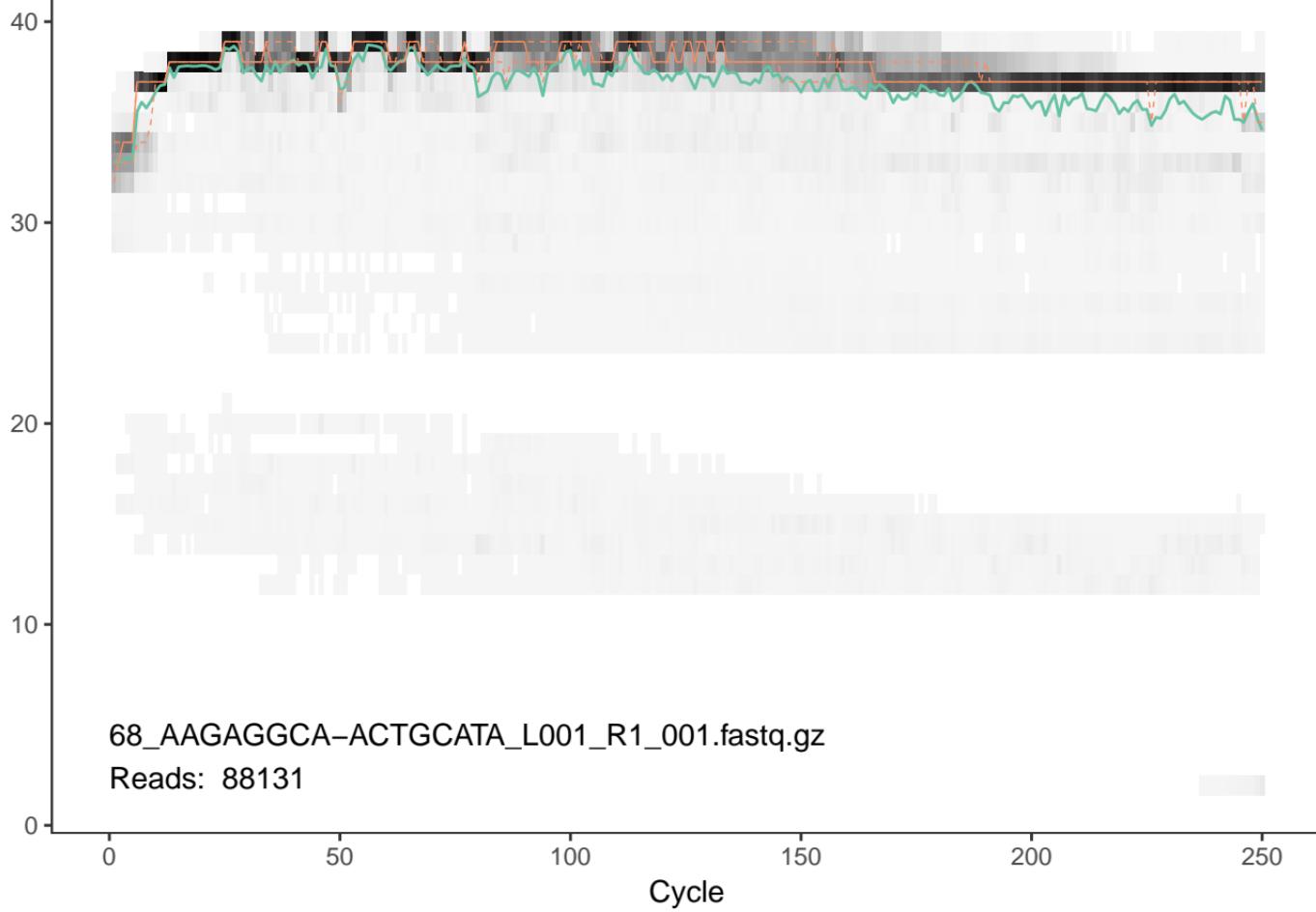
Fwd

Quality Score



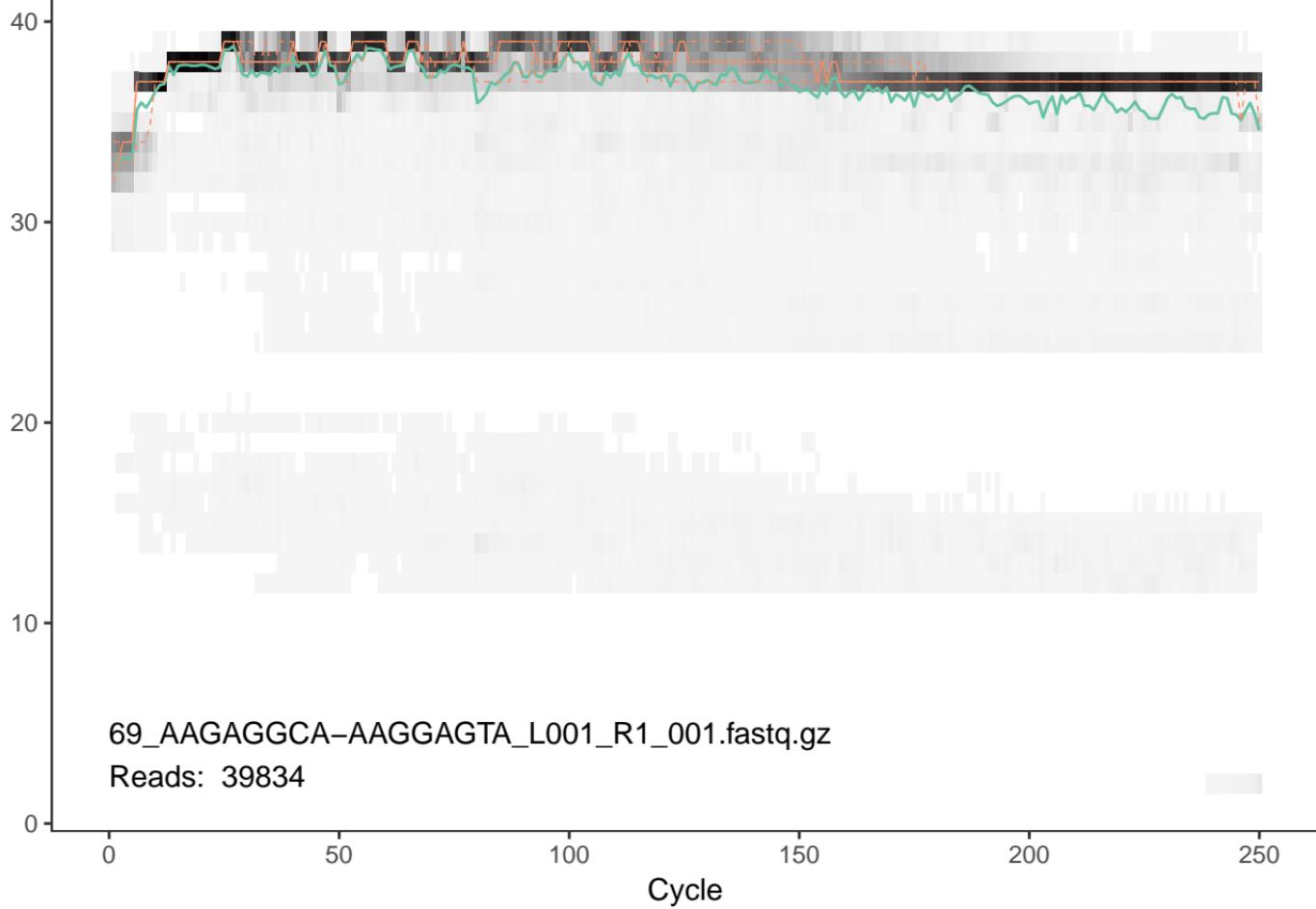
Fwd

Quality Score



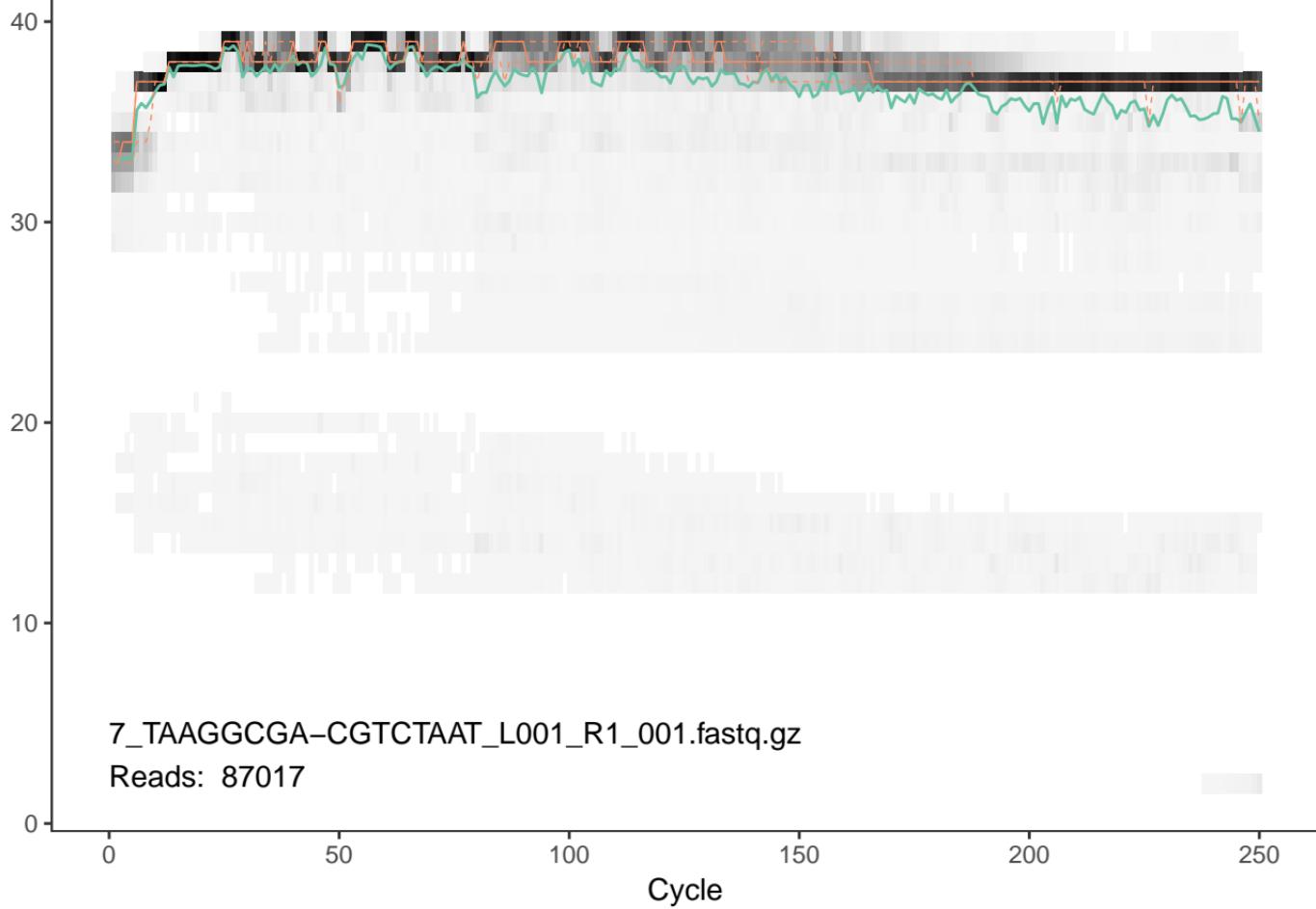
Fwd

Quality Score



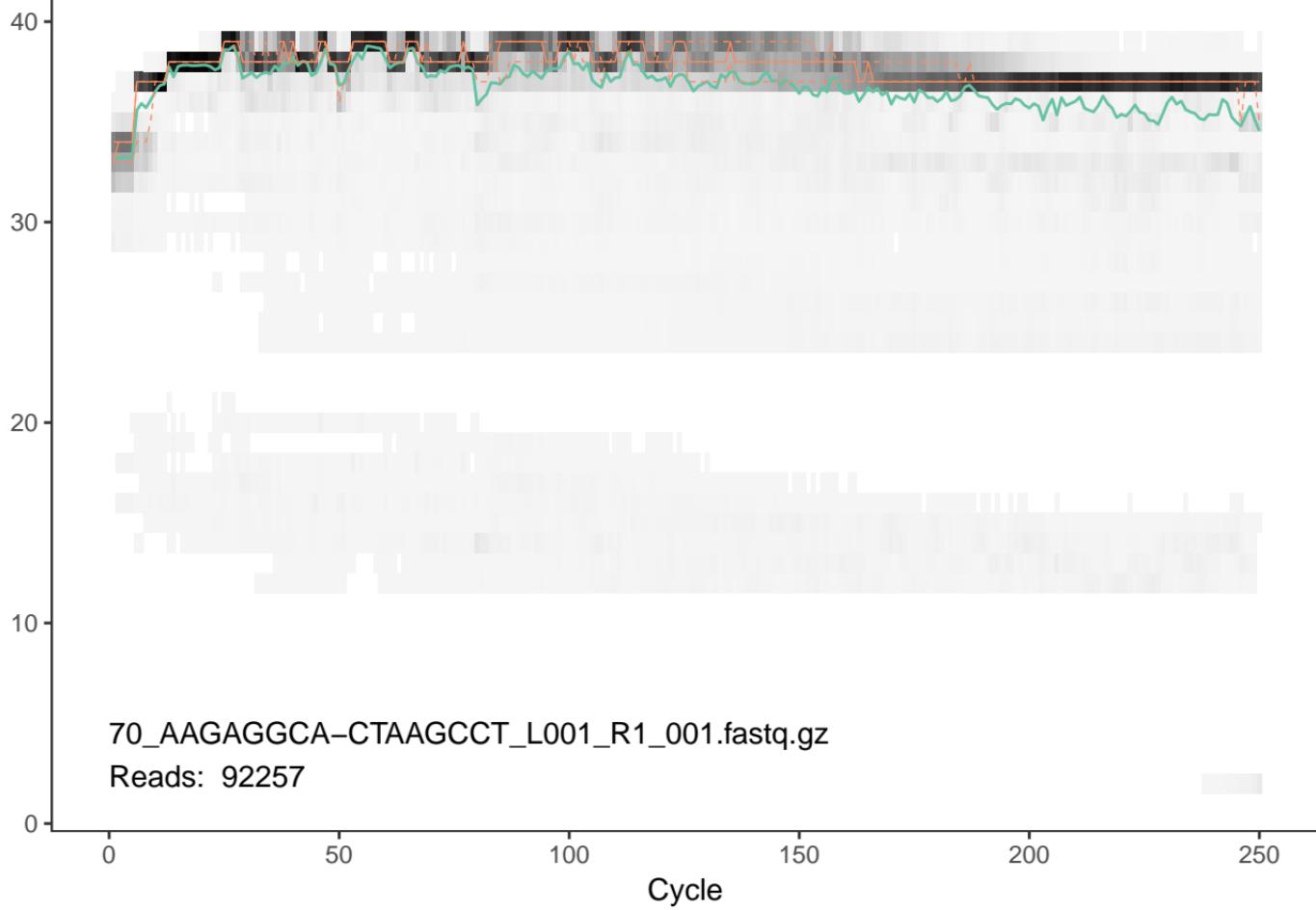
Fwd

Quality Score



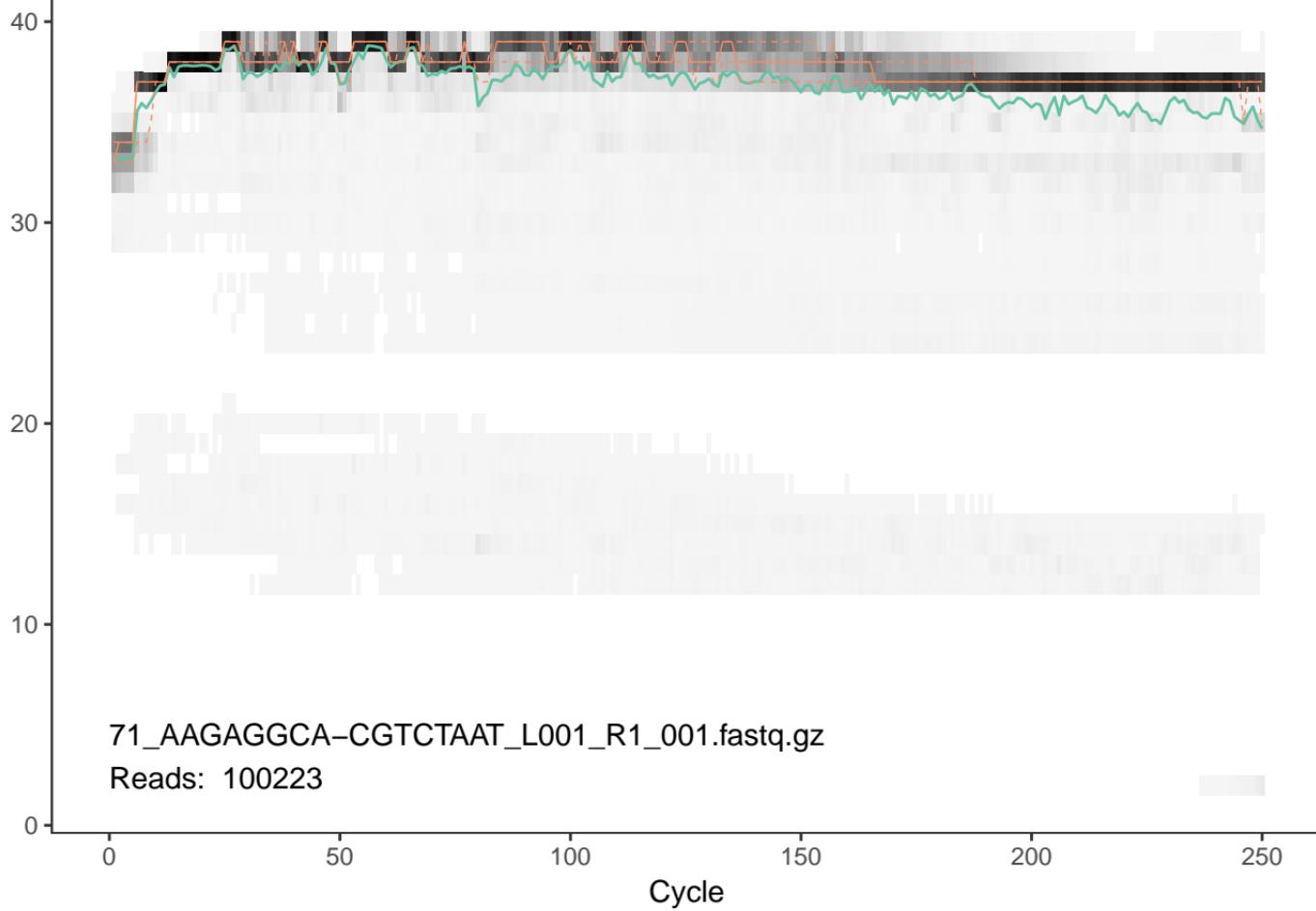
Fwd

Quality Score



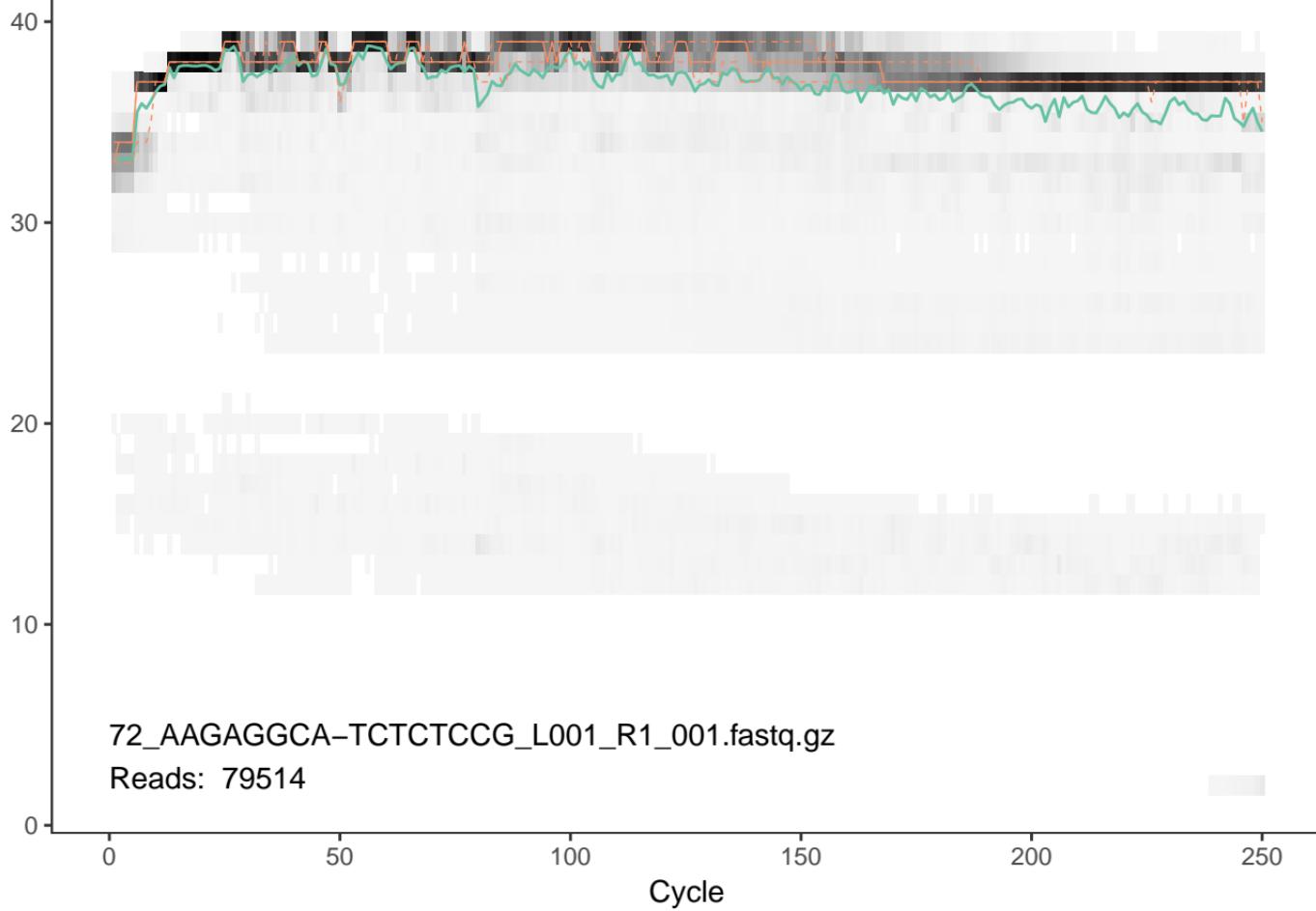
Fwd

Quality Score



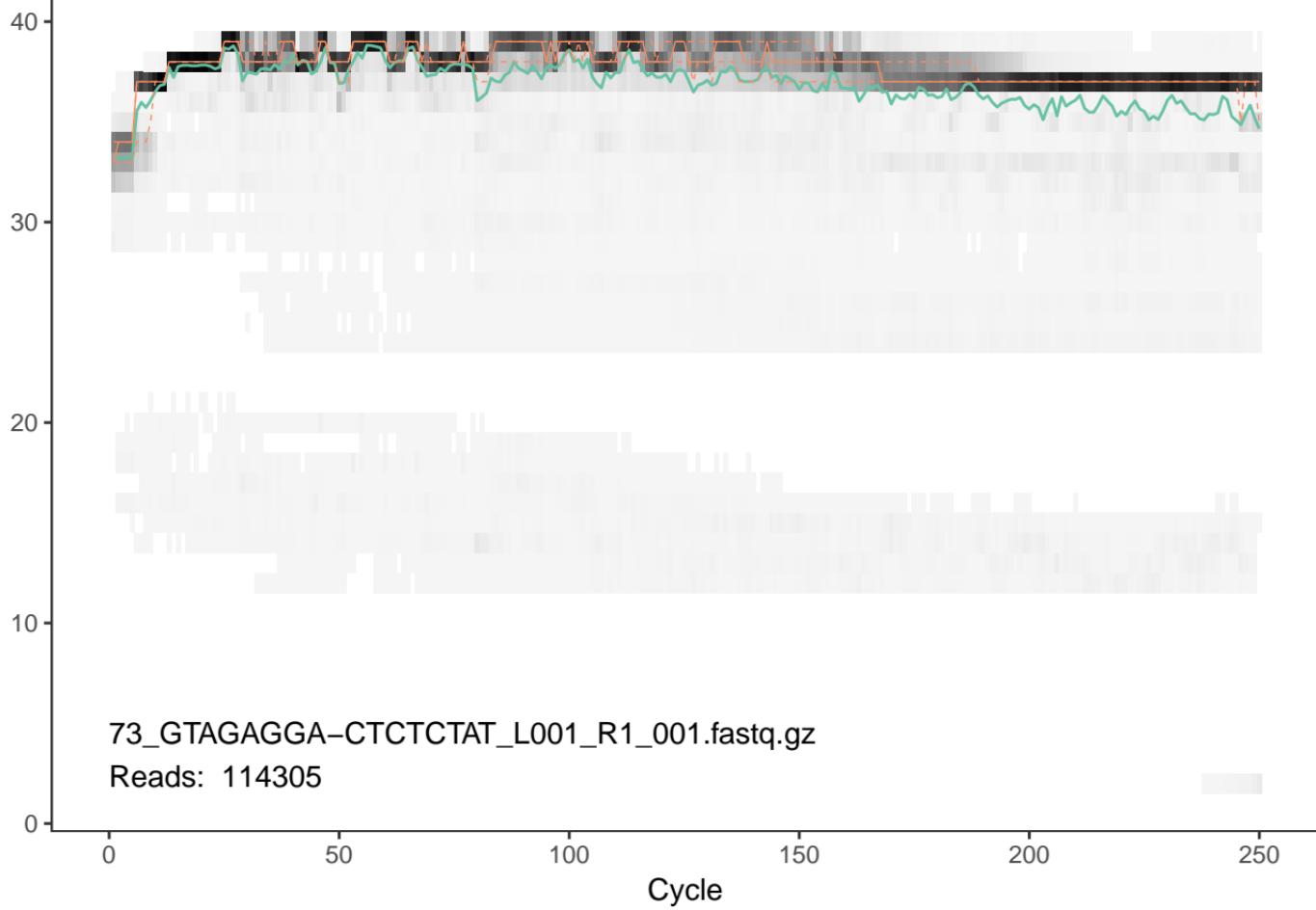
Fwd

Quality Score



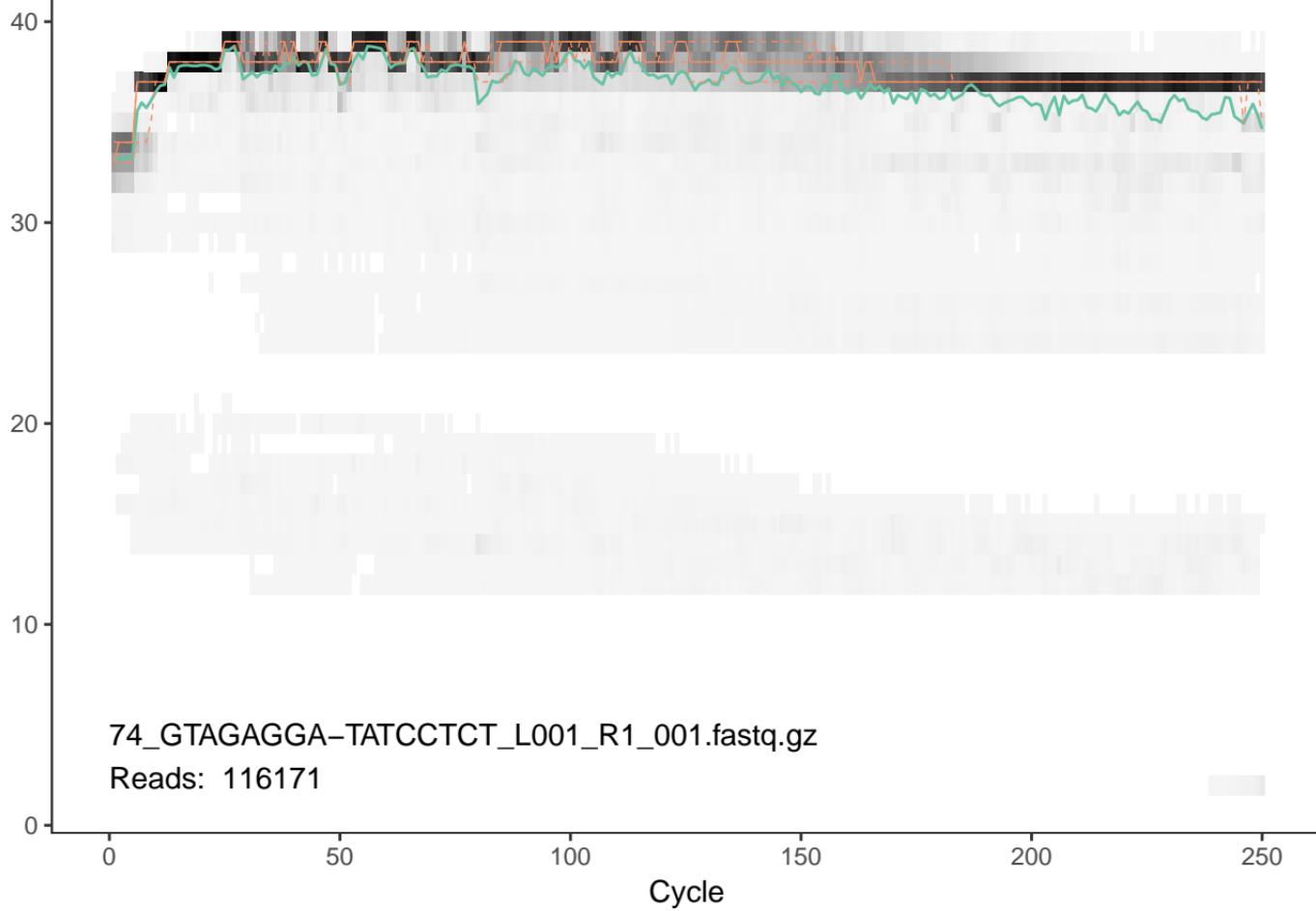
Fwd

Quality Score



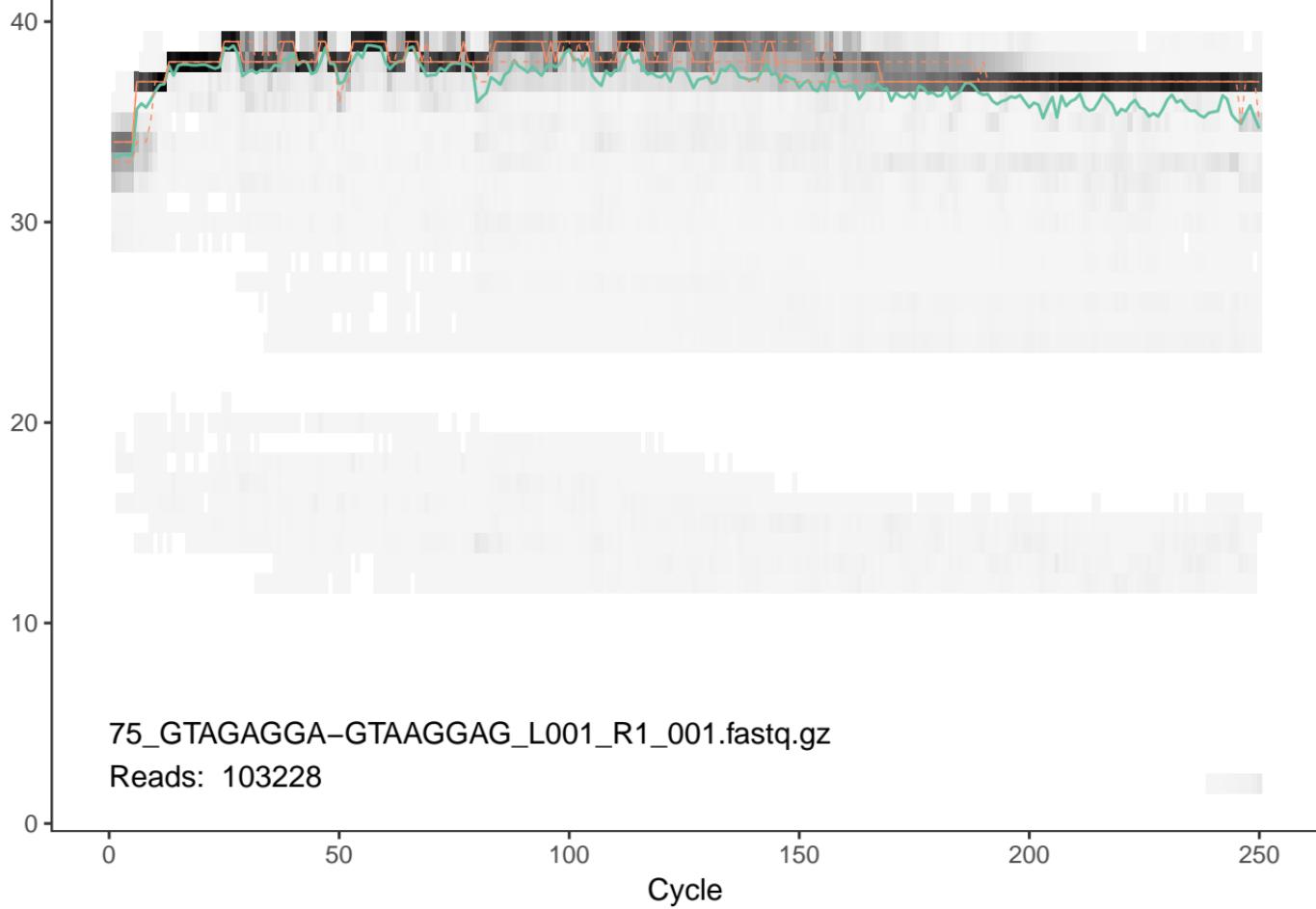
Fwd

Quality Score



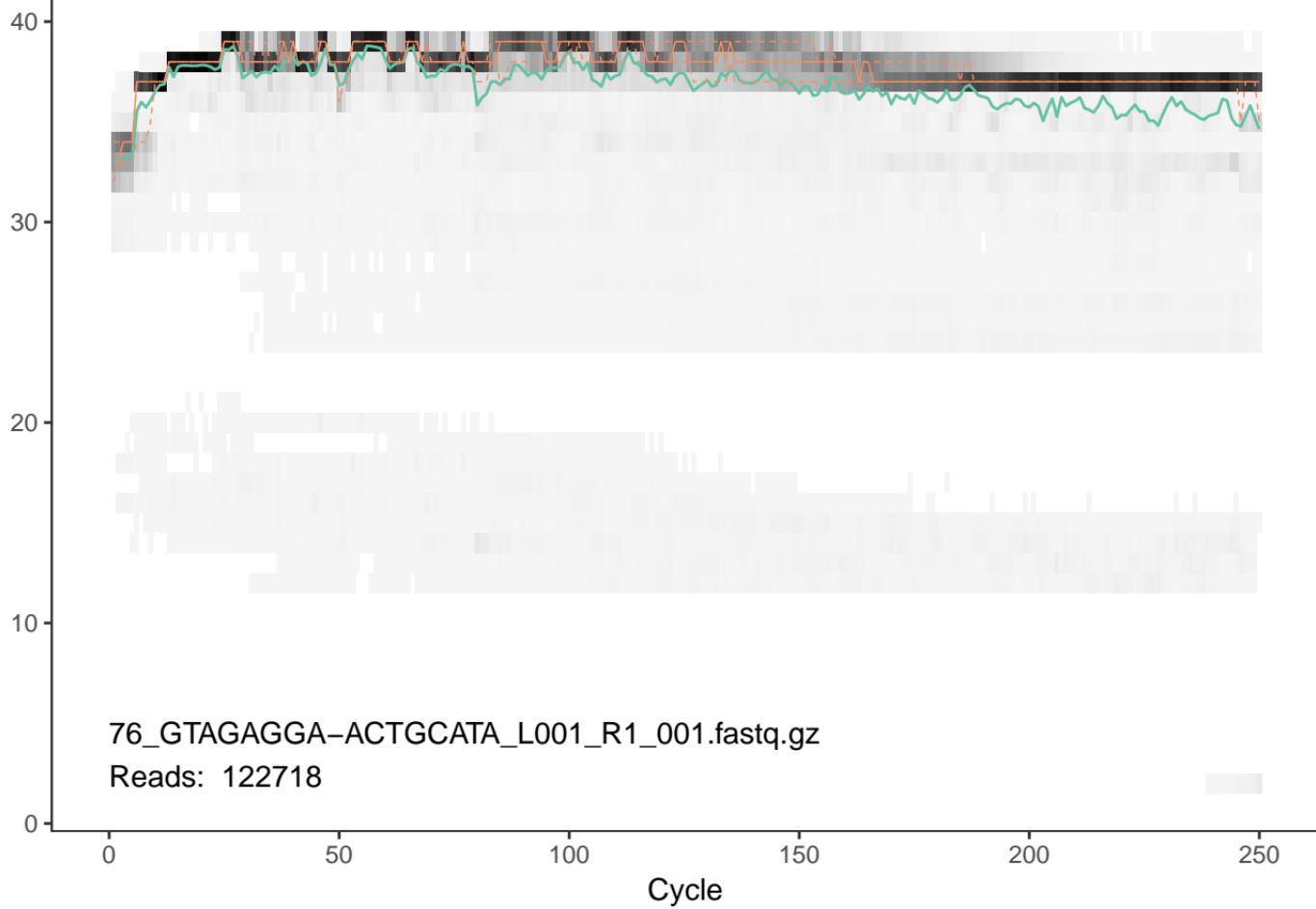
Fwd

Quality Score



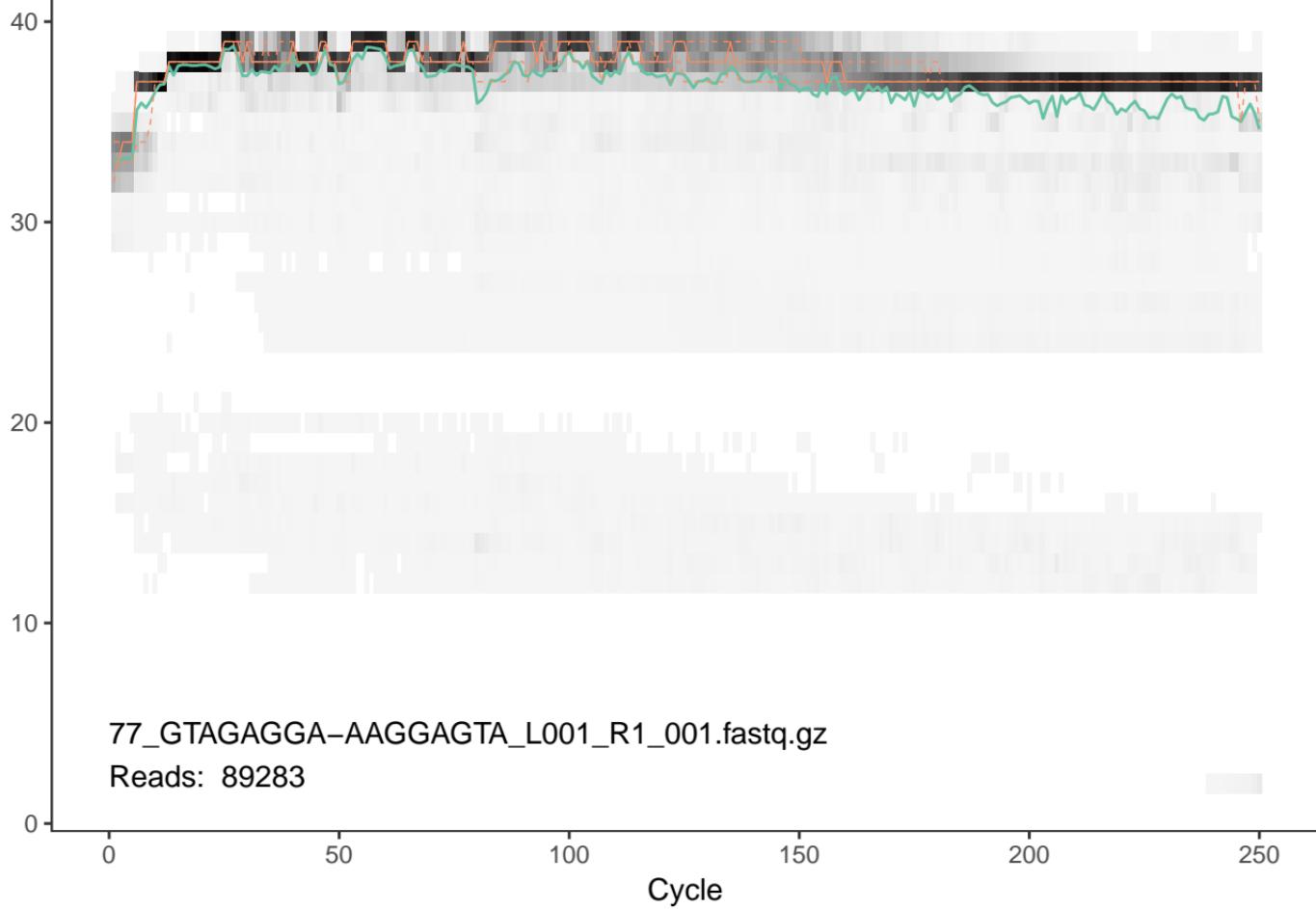
Fwd

Quality Score



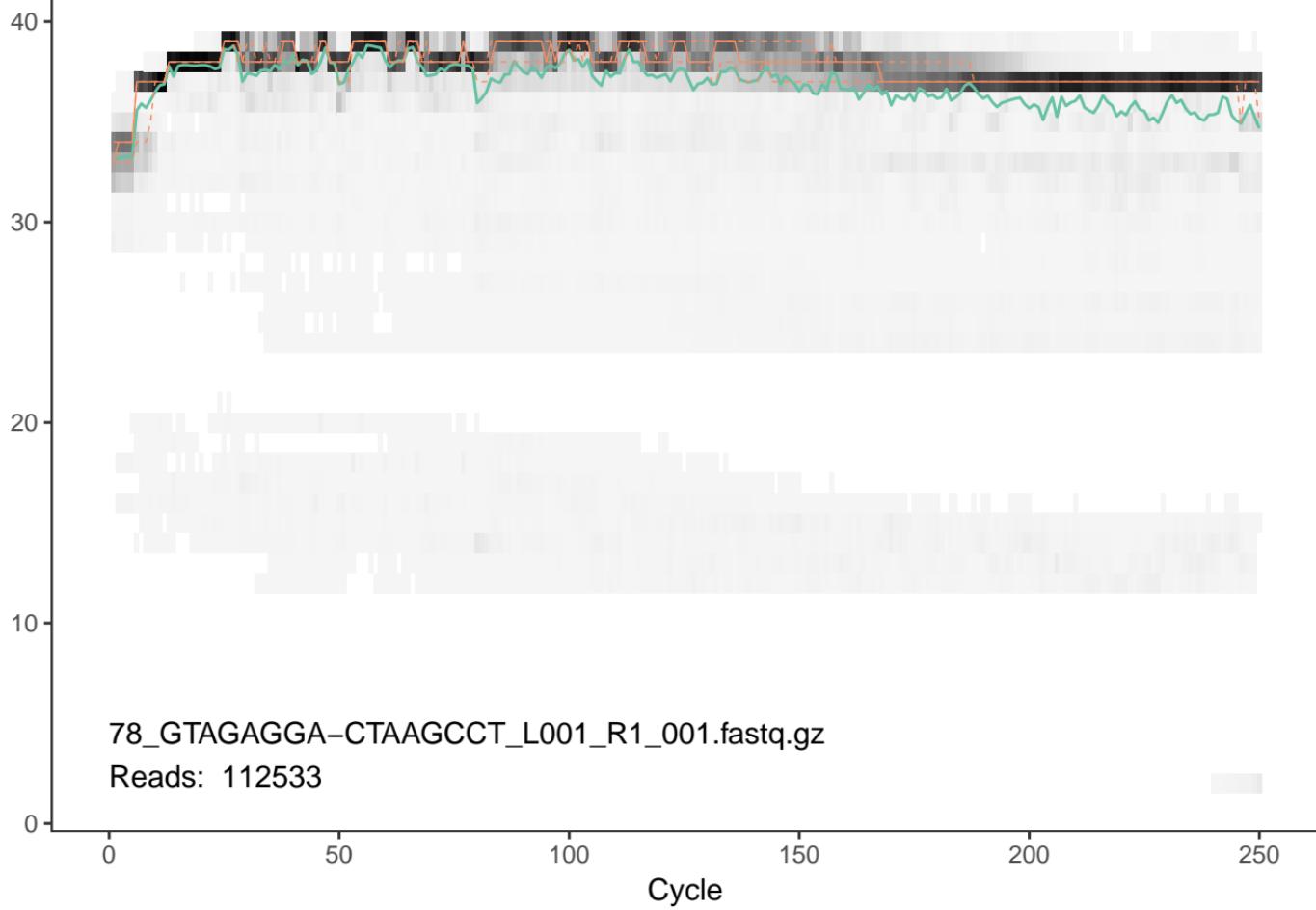
Fwd

Quality Score



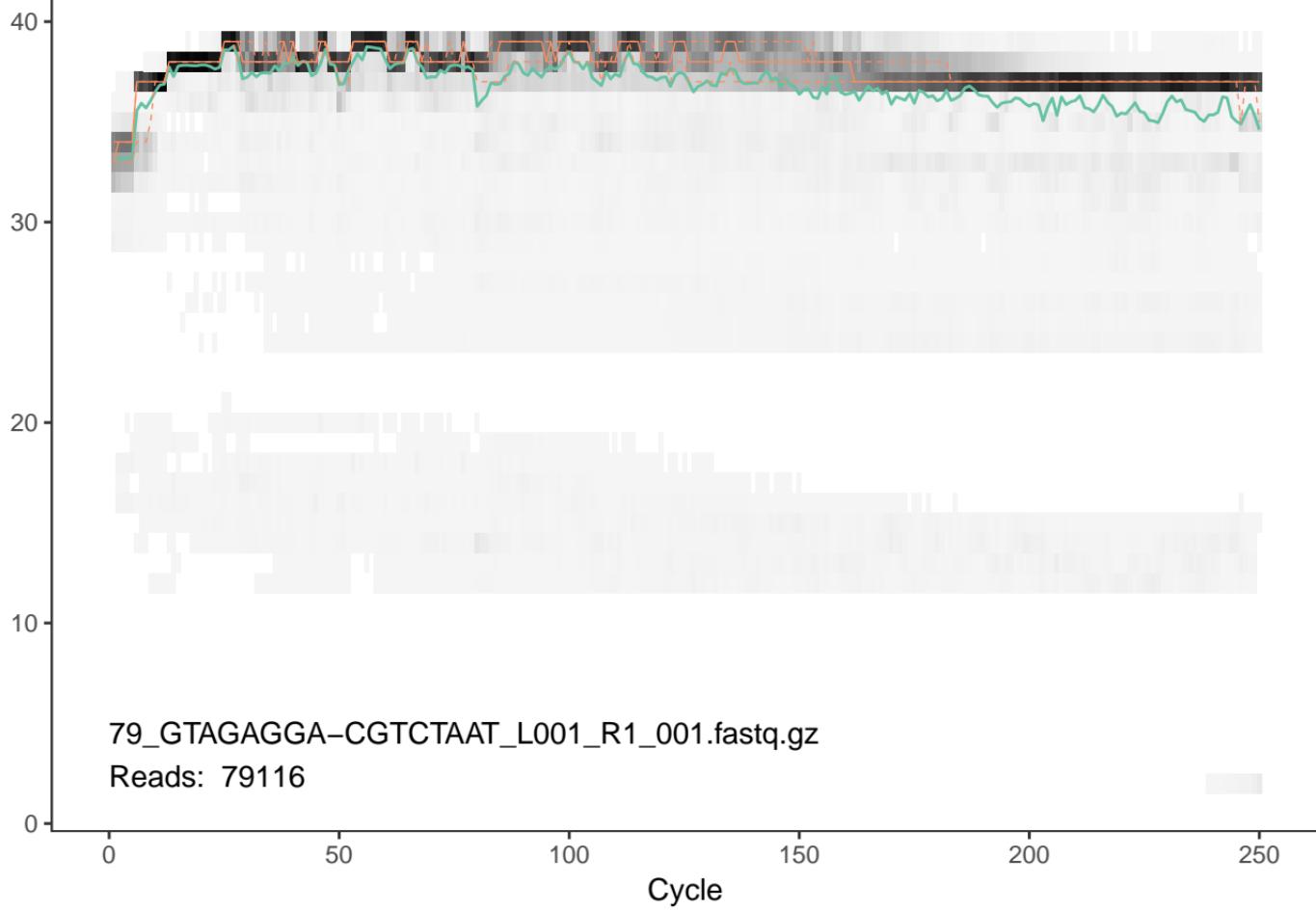
Fwd

Quality Score



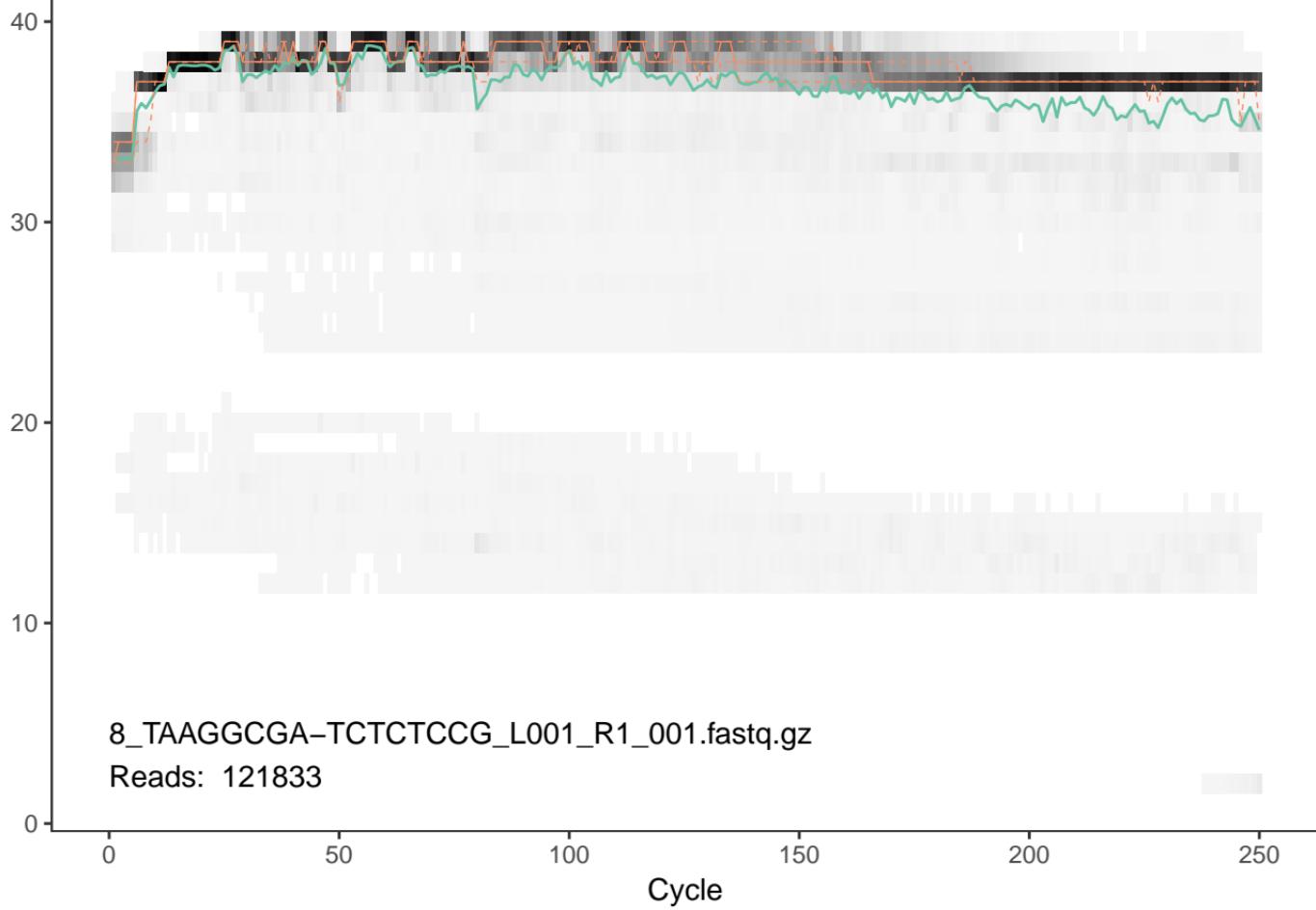
Fwd

Quality Score



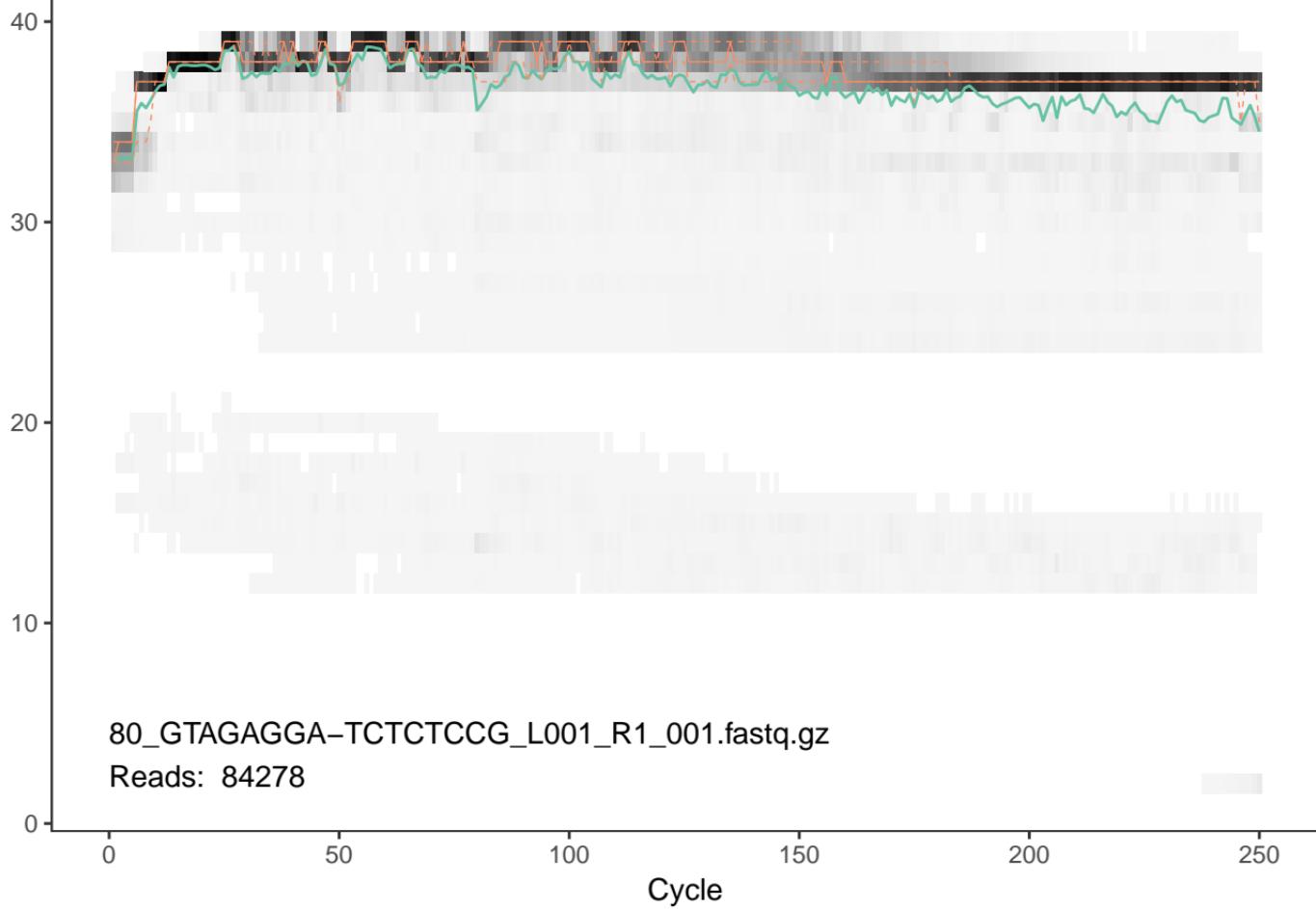
Fwd

Quality Score



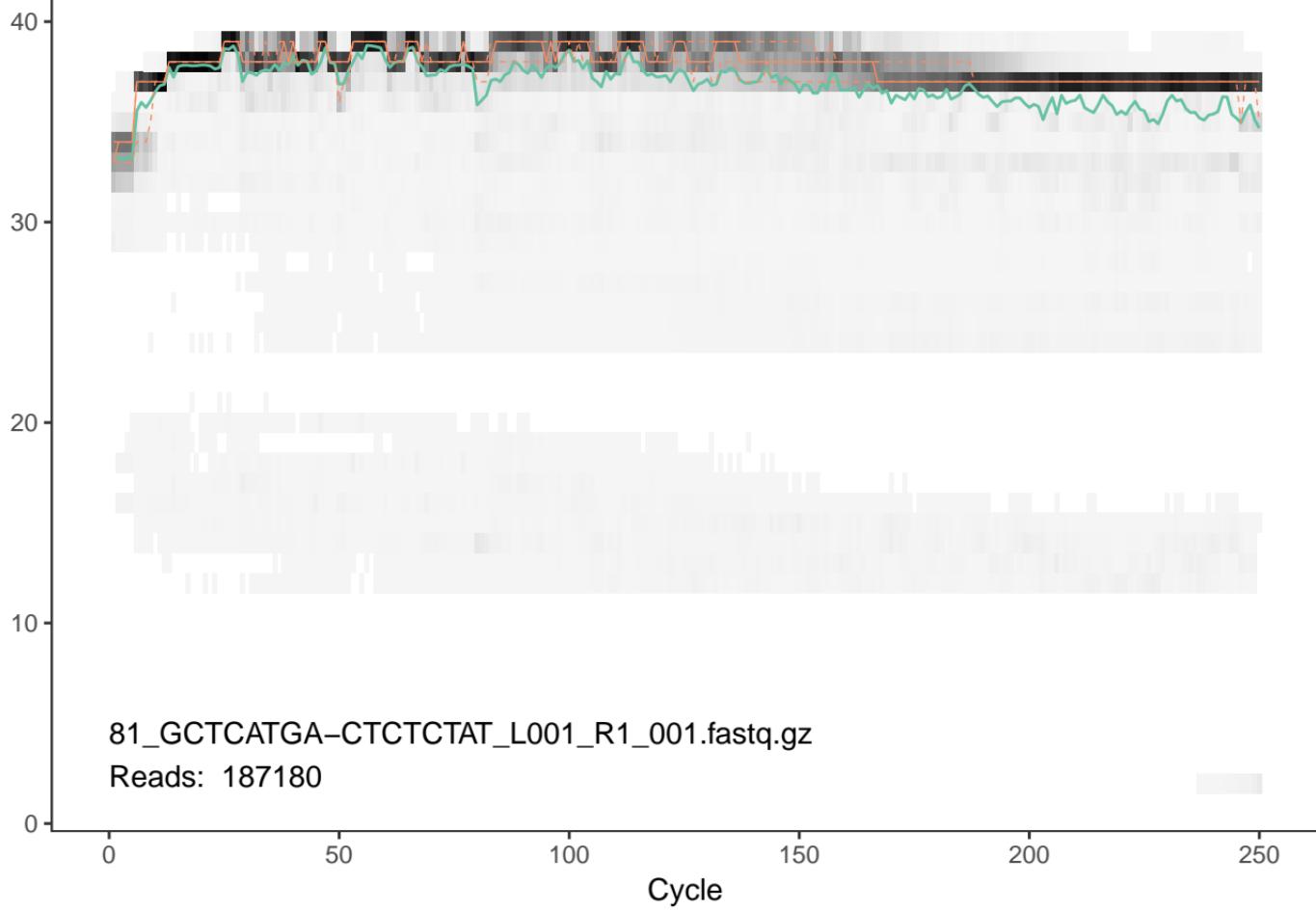
Fwd

Quality Score



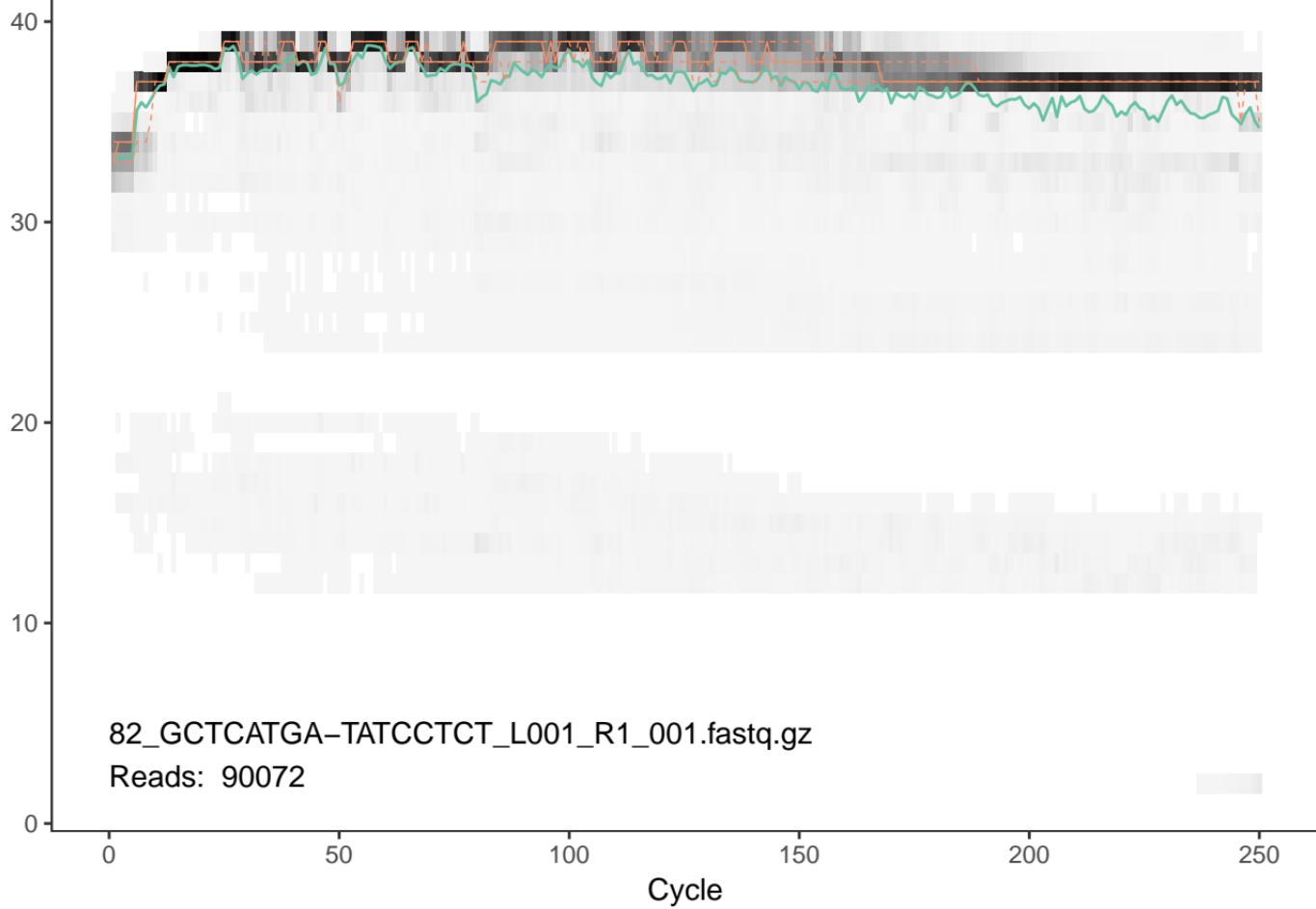
Fwd

Quality Score



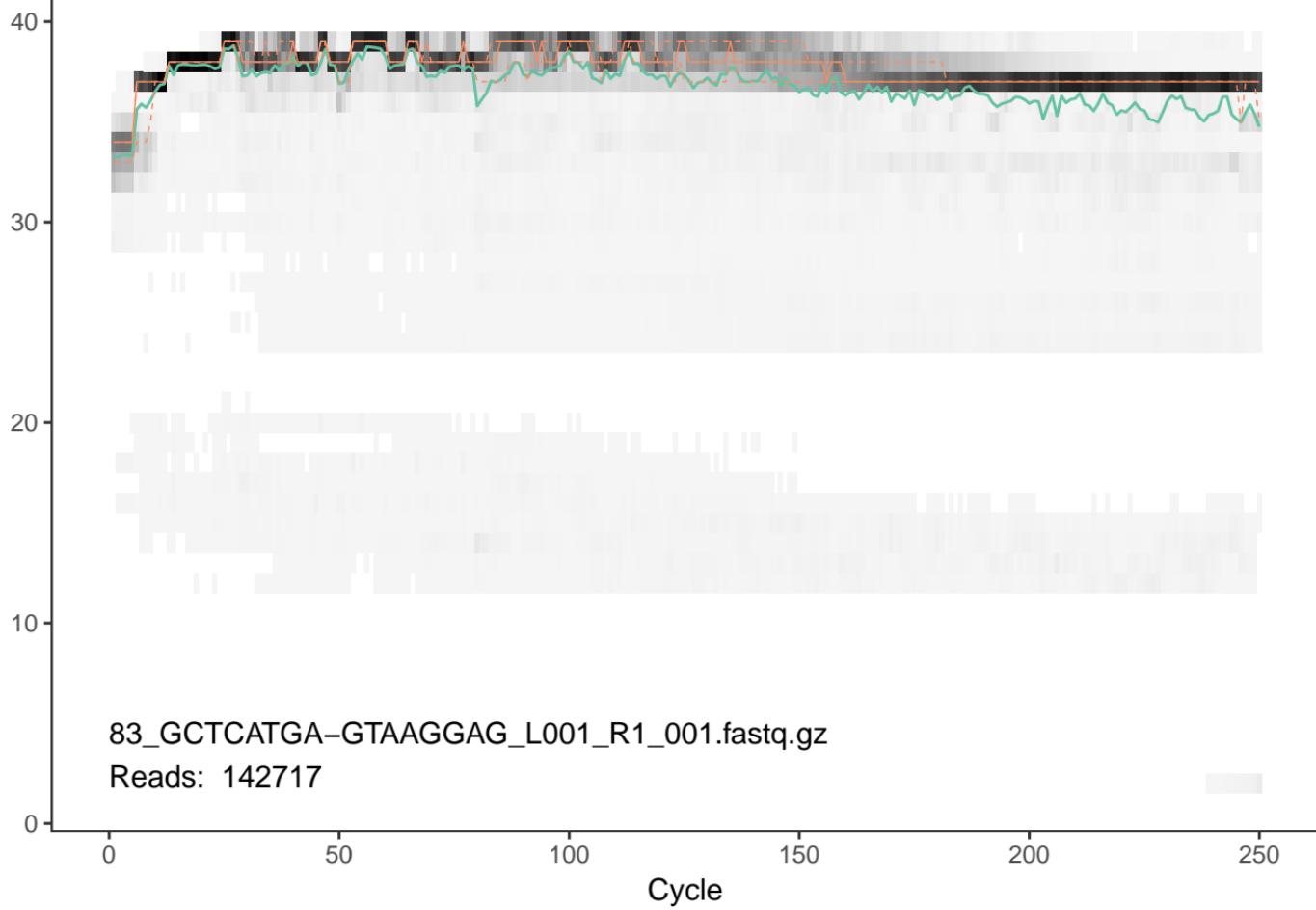
Fwd

Quality Score



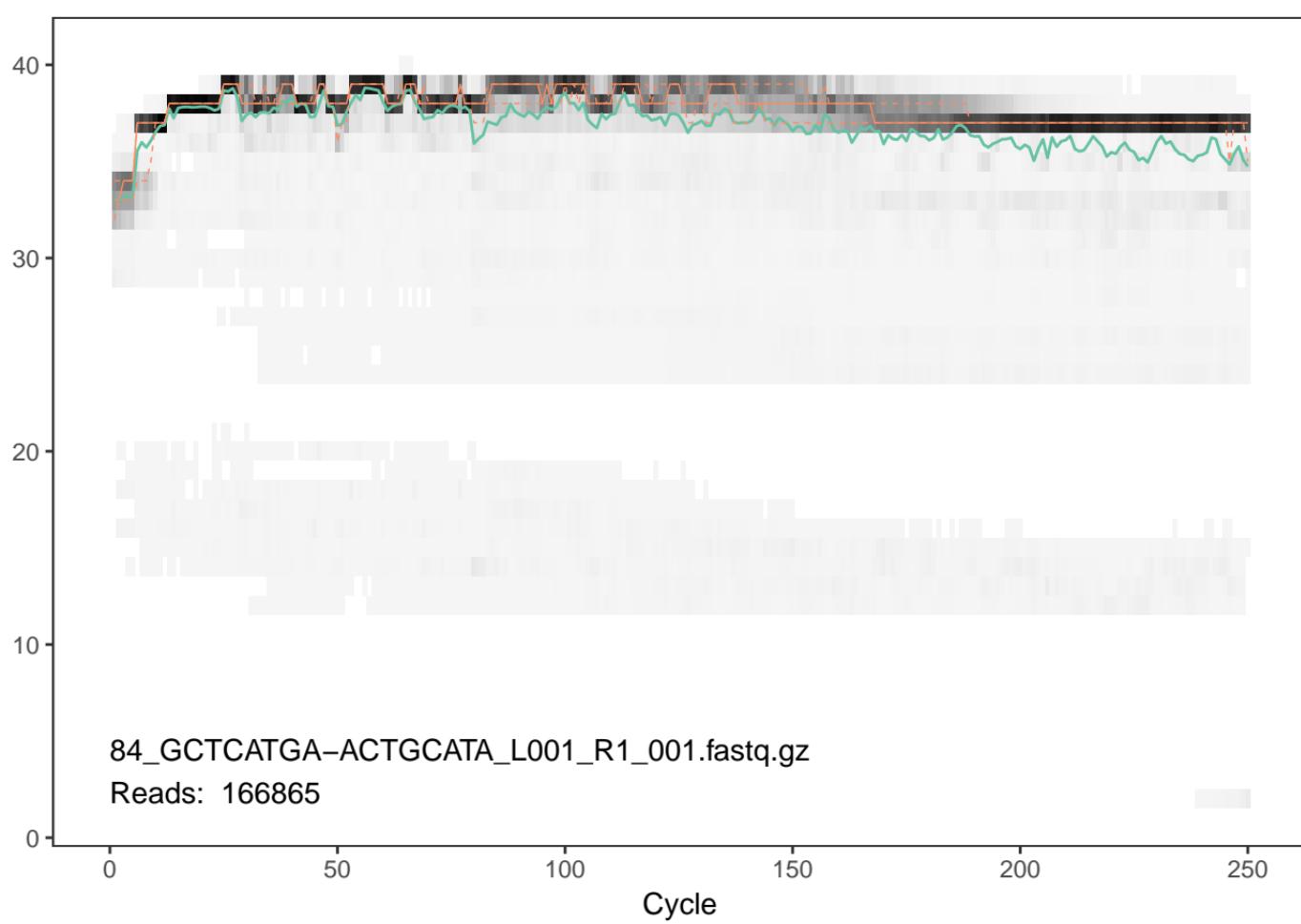
Fwd

Quality Score



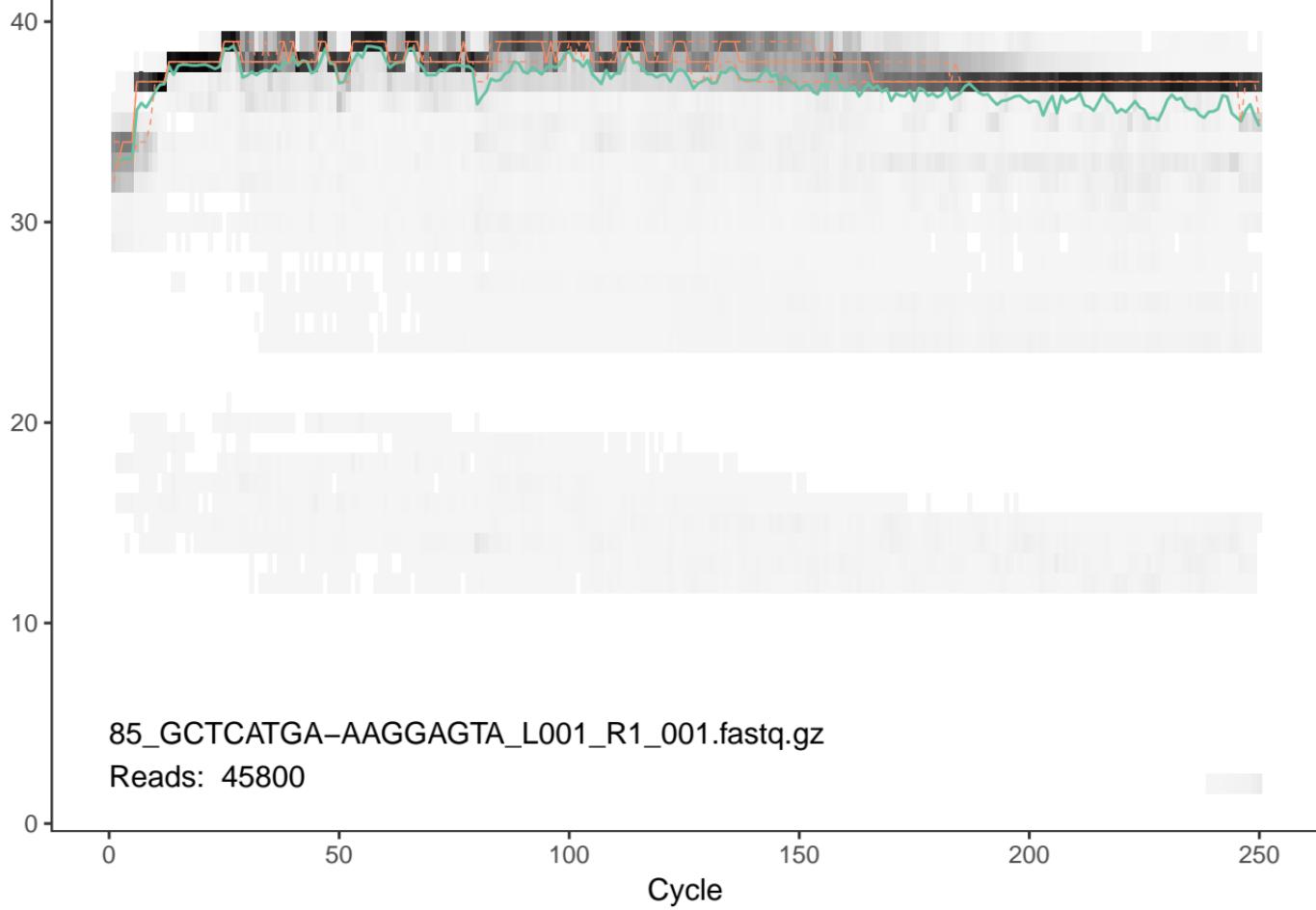
Fwd

Quality Score



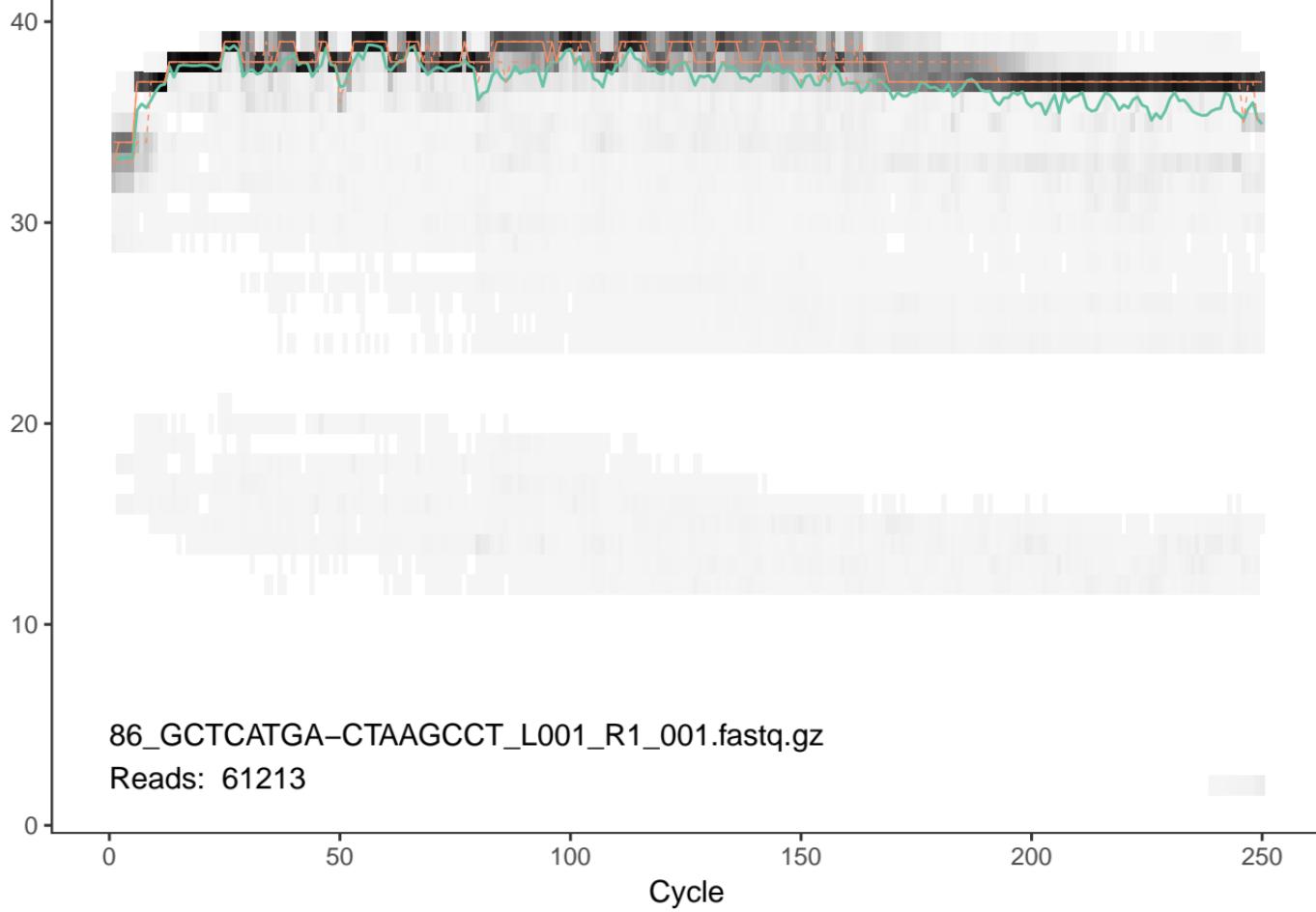
Fwd

Quality Score



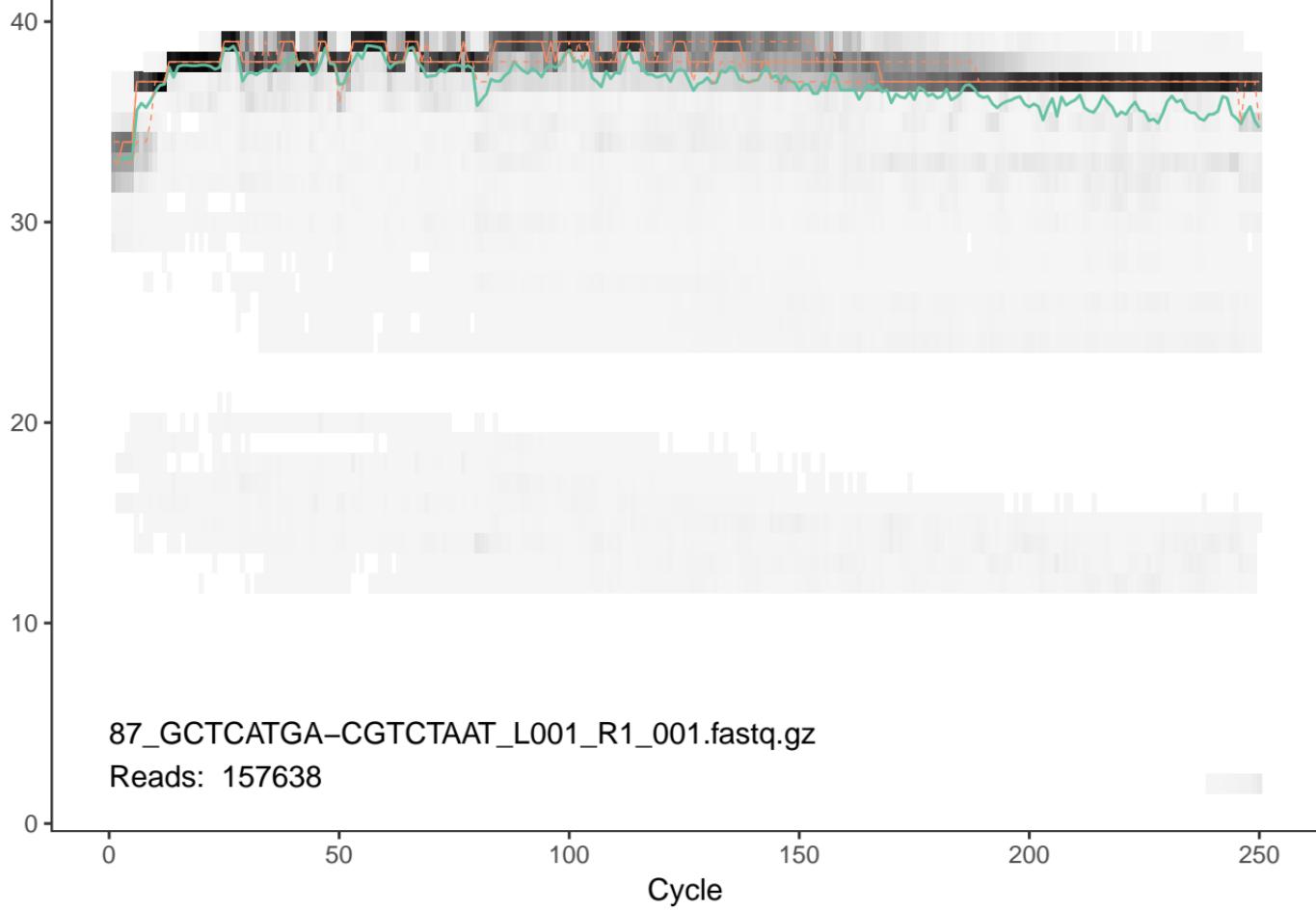
Fwd

Quality Score



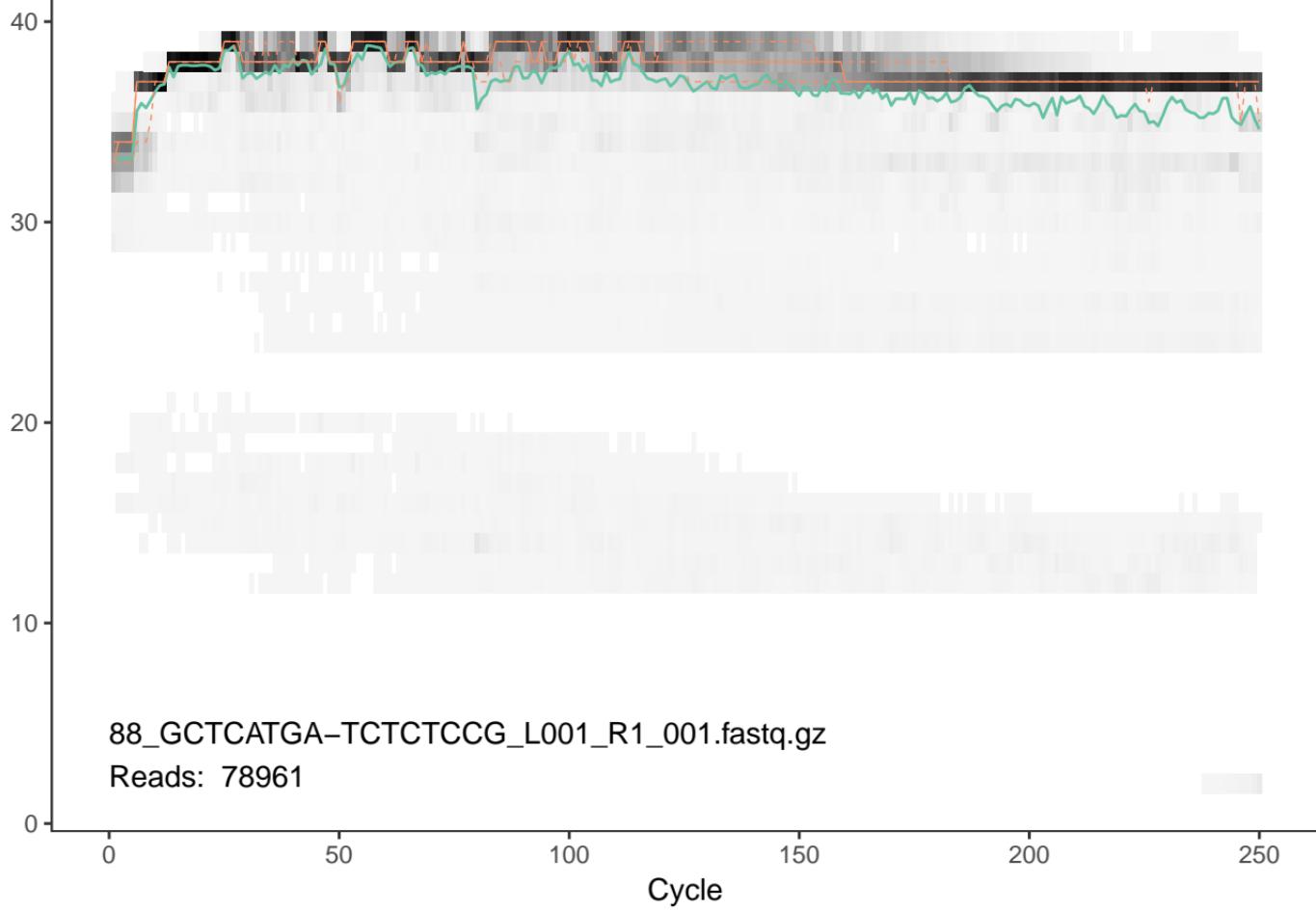
Fwd

Quality Score



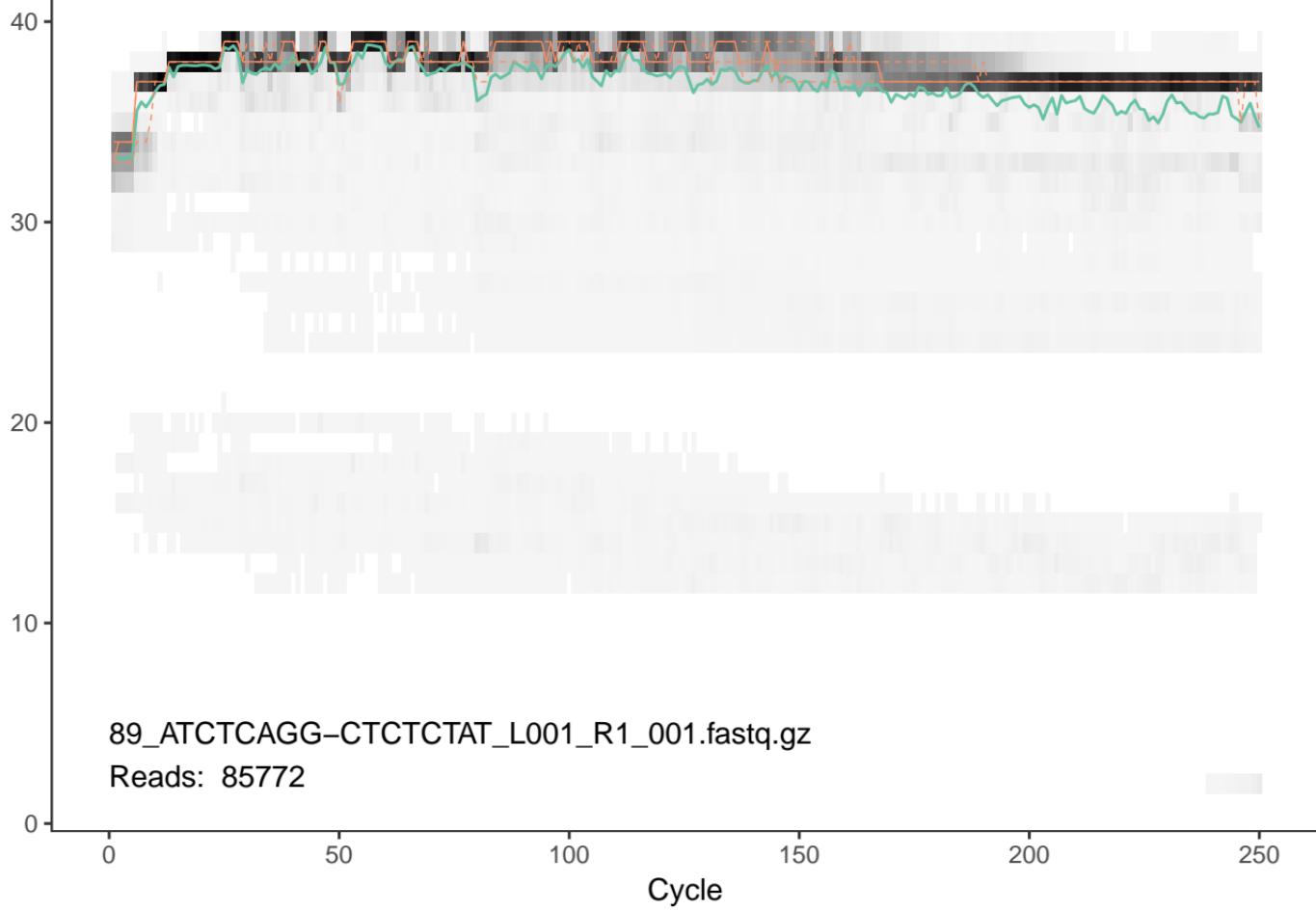
Fwd

Quality Score



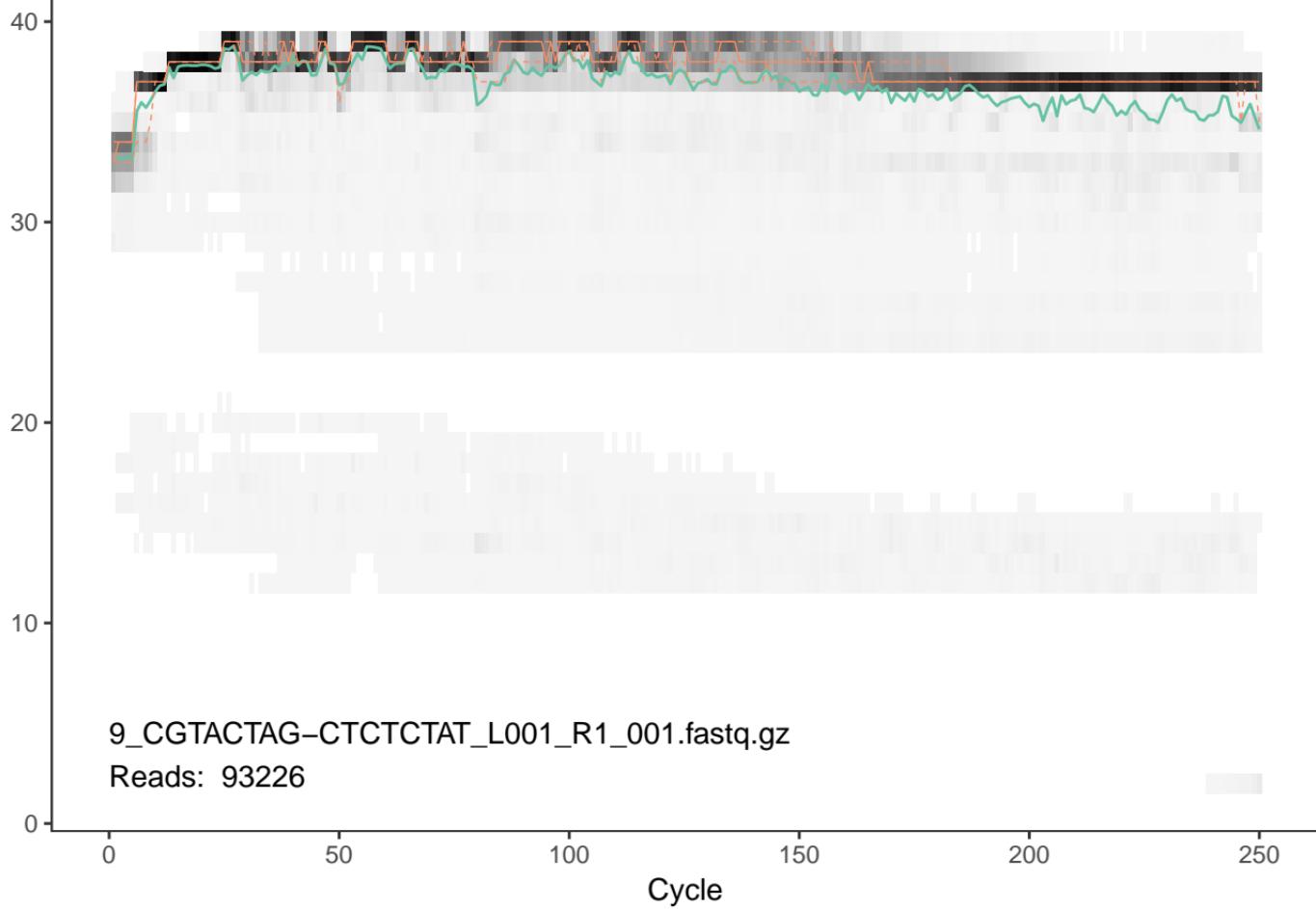
Fwd

Quality Score



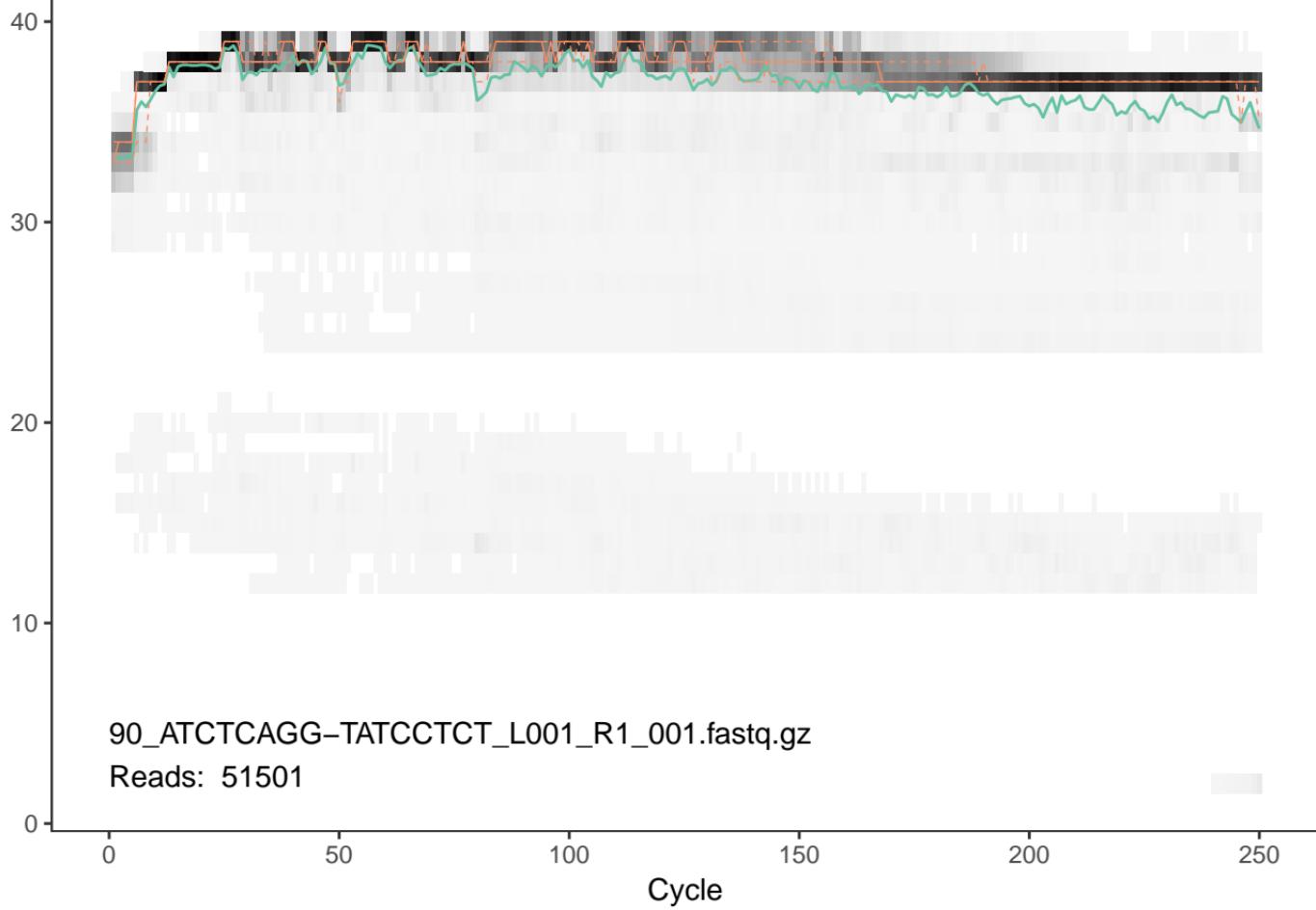
Fwd

Quality Score



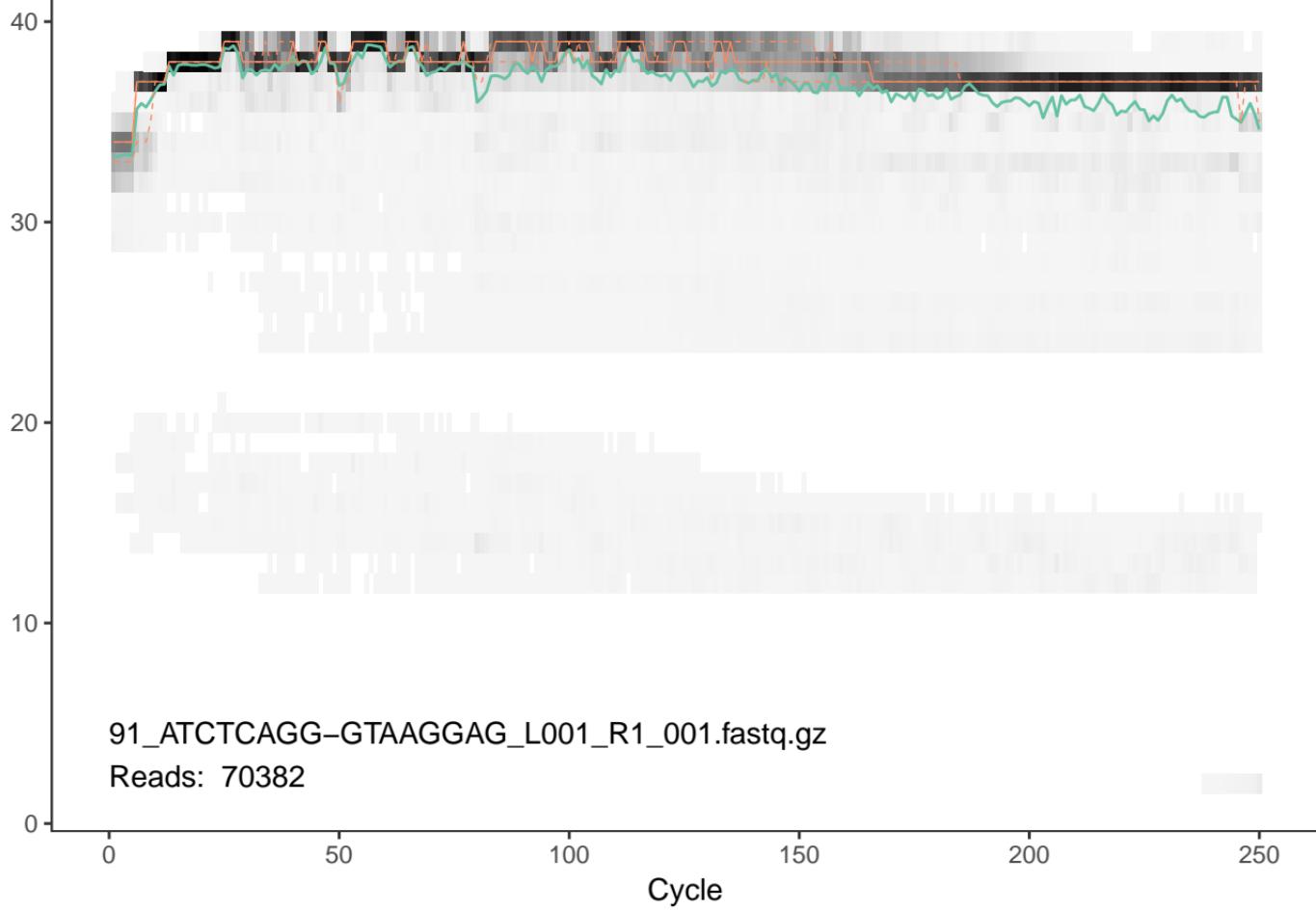
Fwd

Quality Score



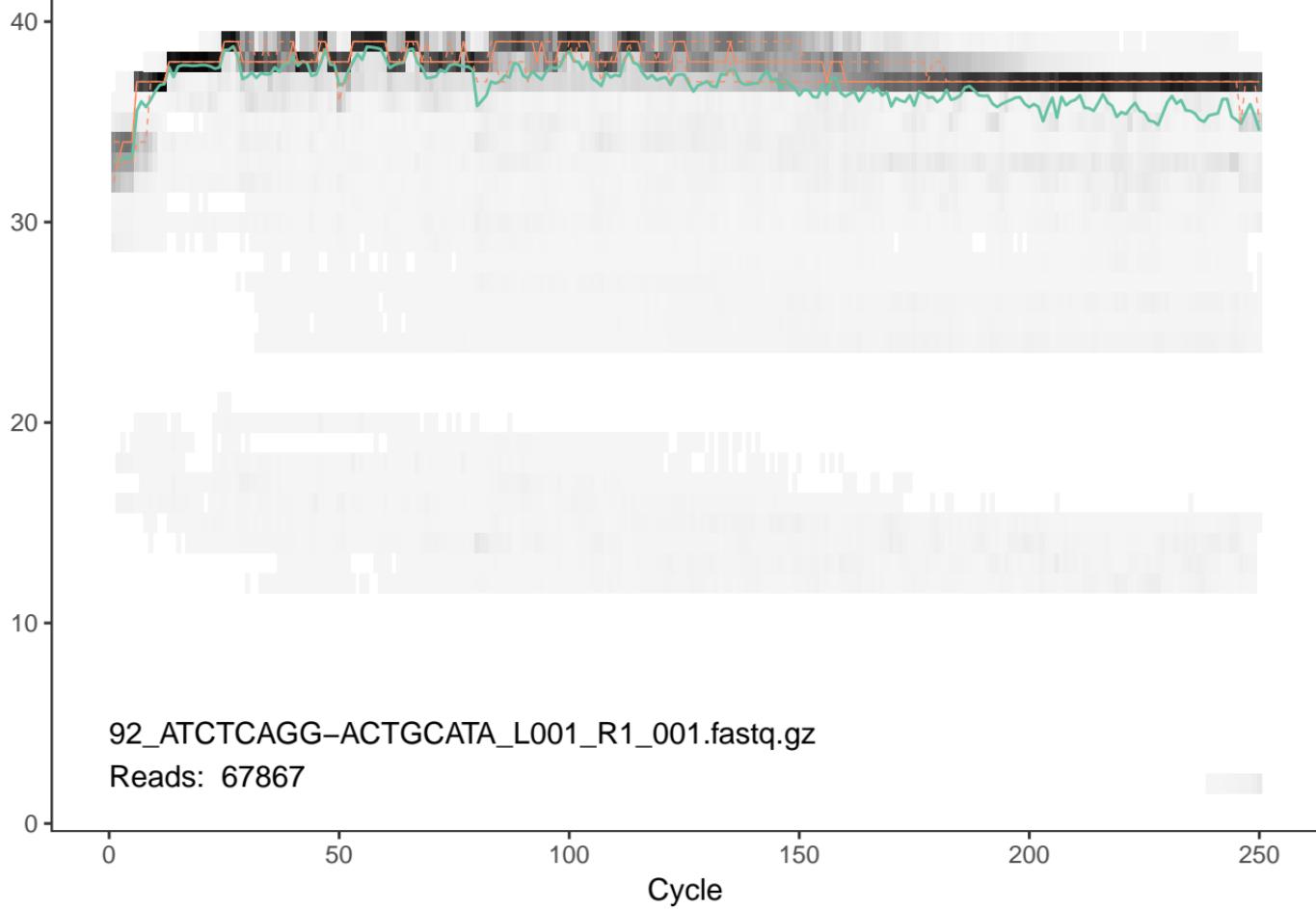
Fwd

Quality Score



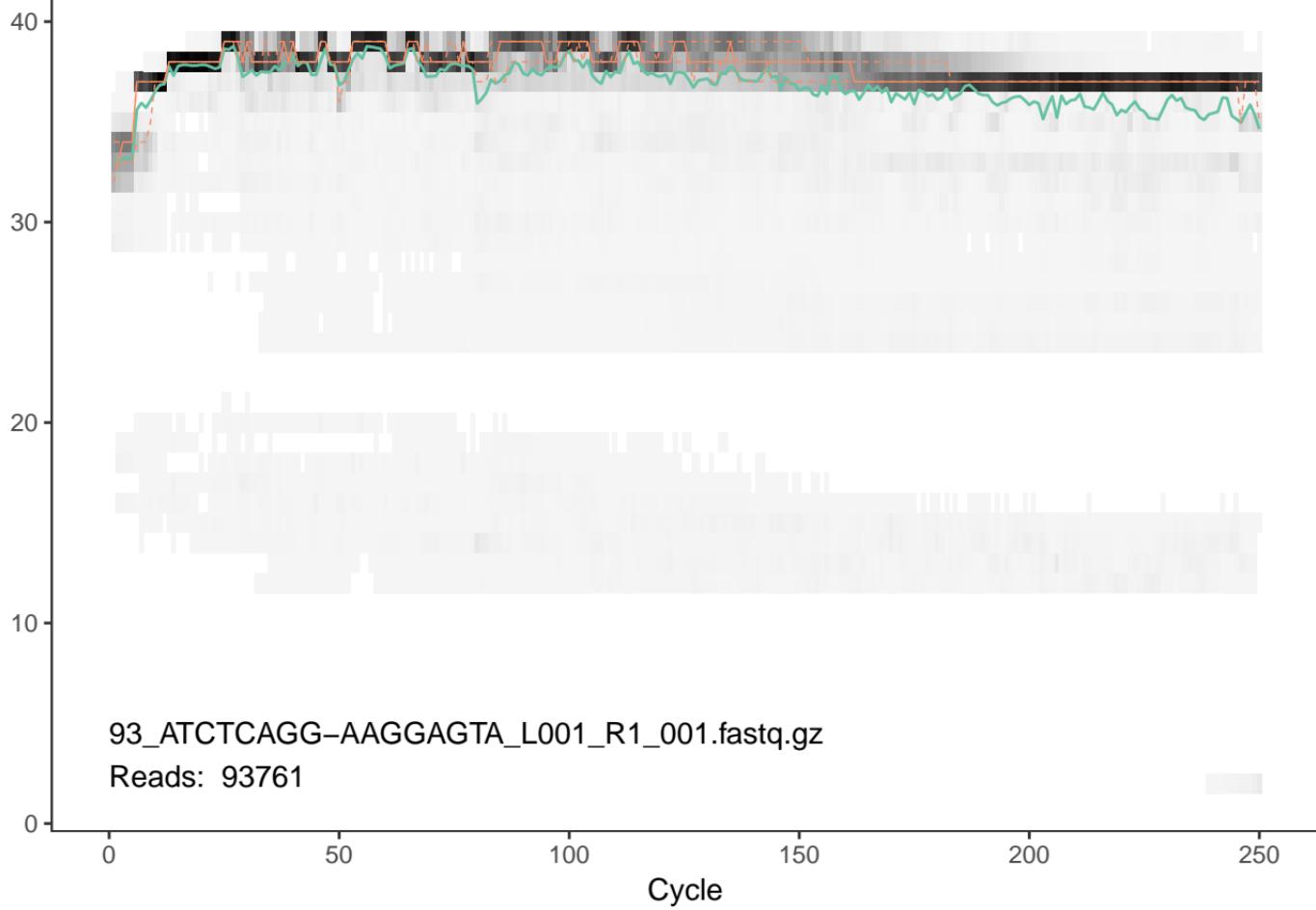
Fwd

Quality Score



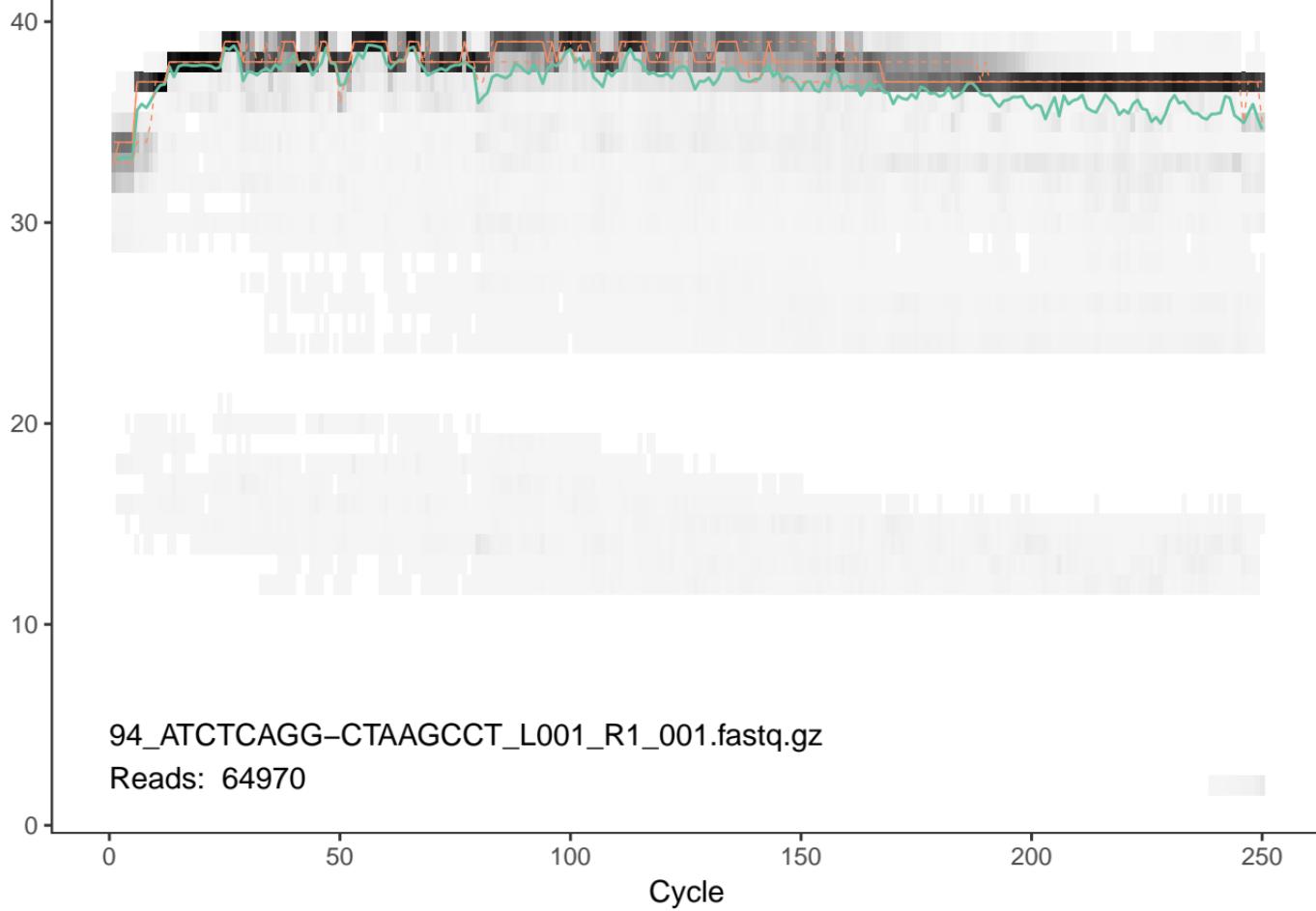
Fwd

Quality Score



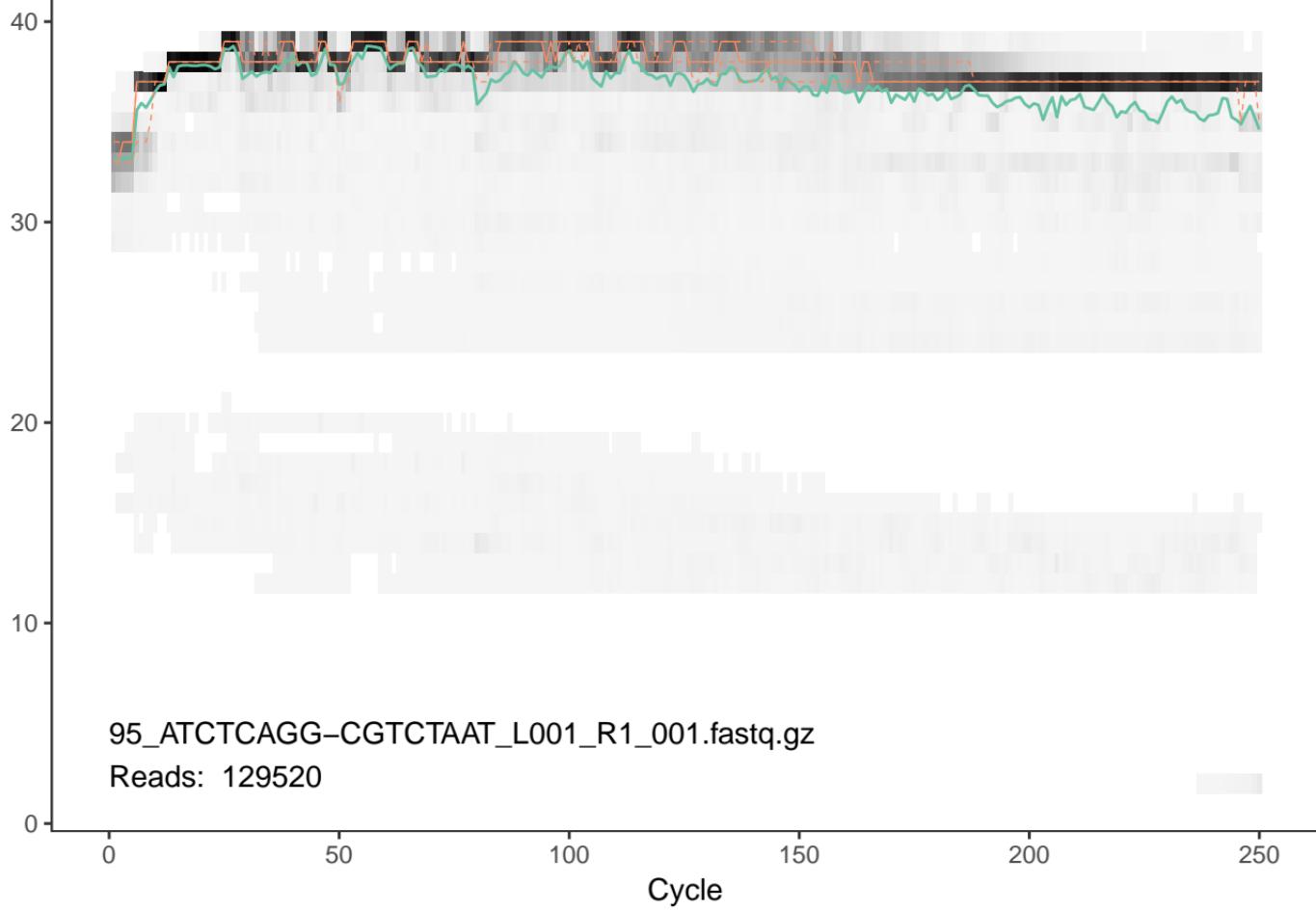
Fwd

Quality Score



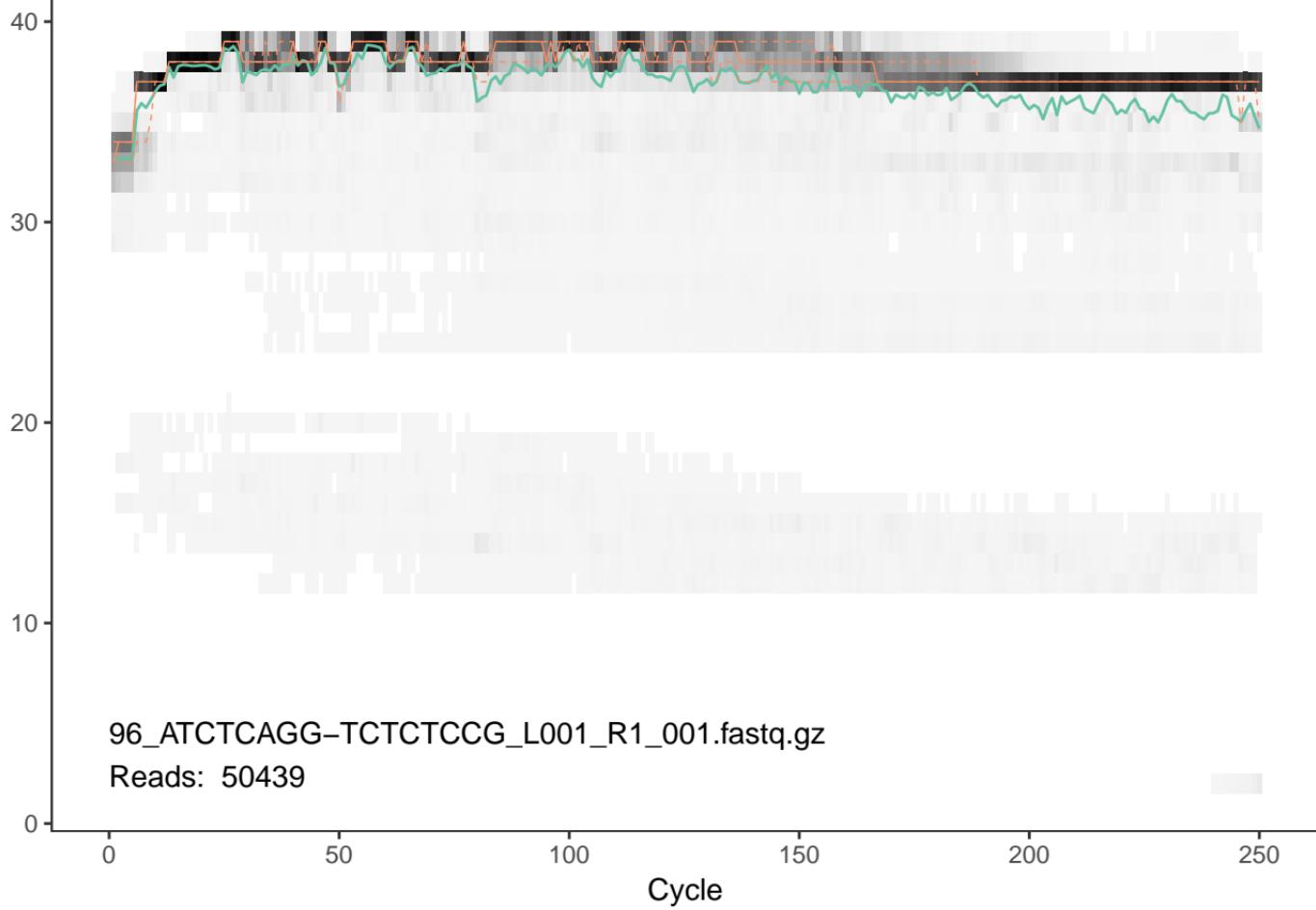
Fwd

Quality Score



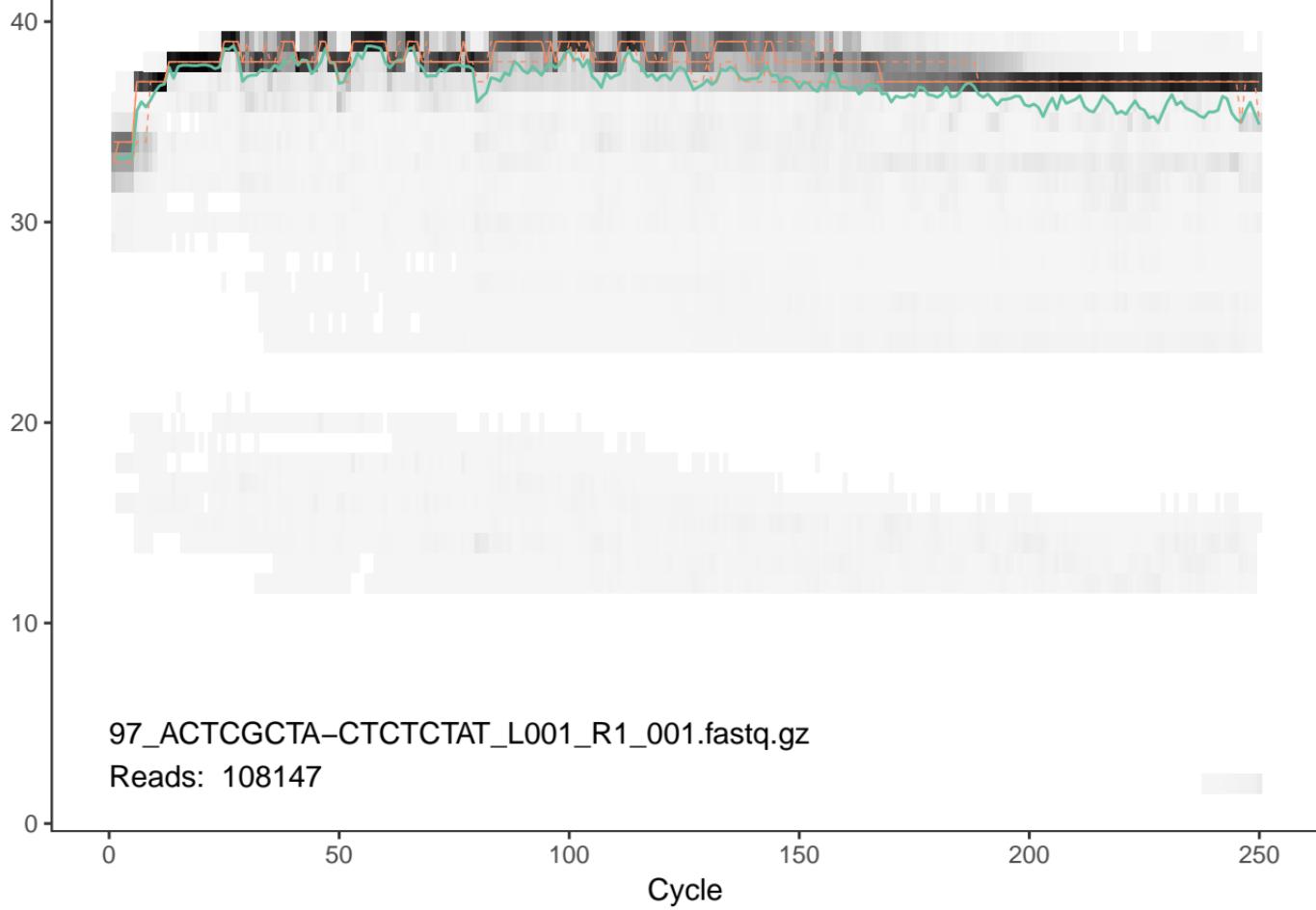
Fwd

Quality Score



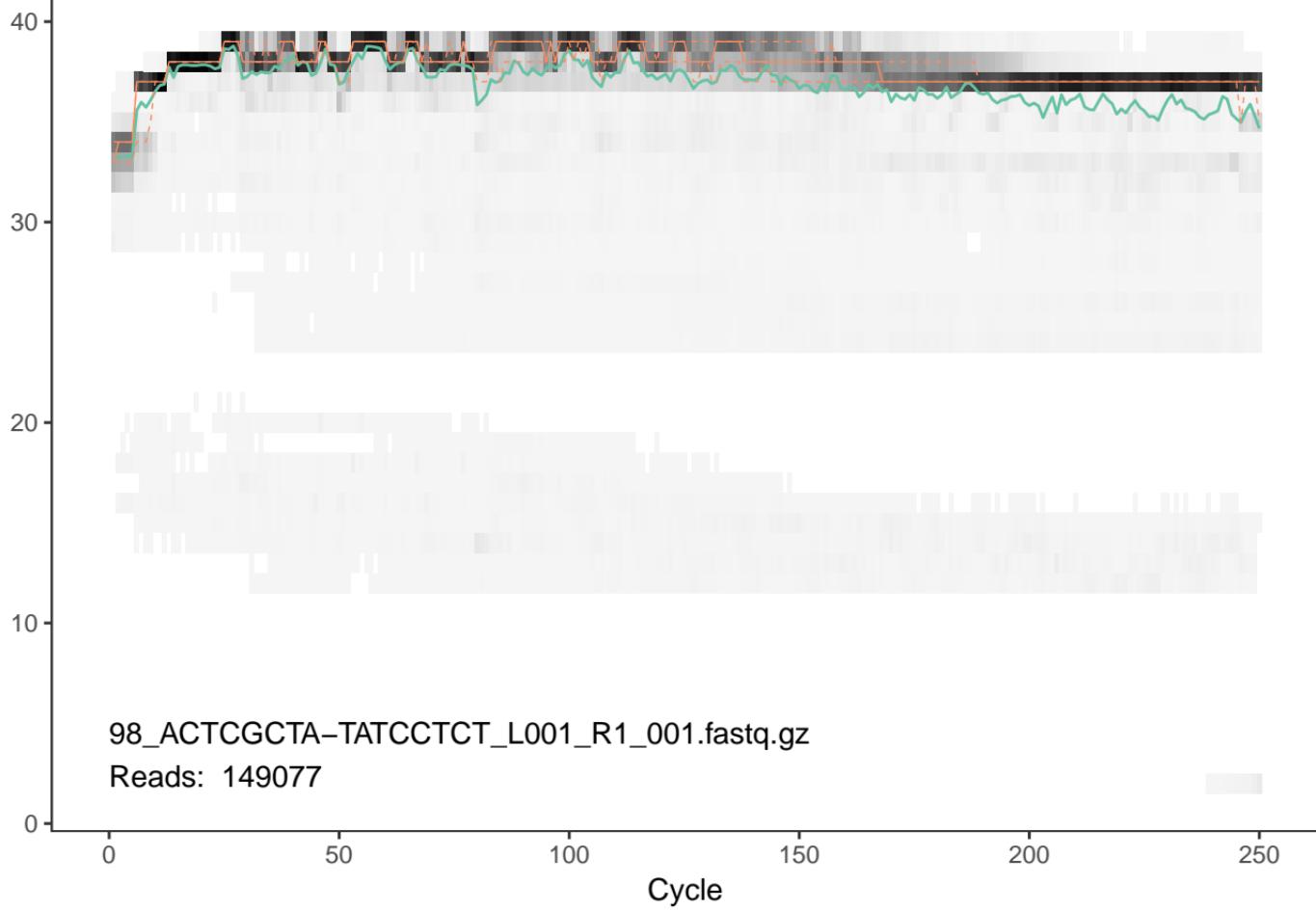
Fwd

Quality Score



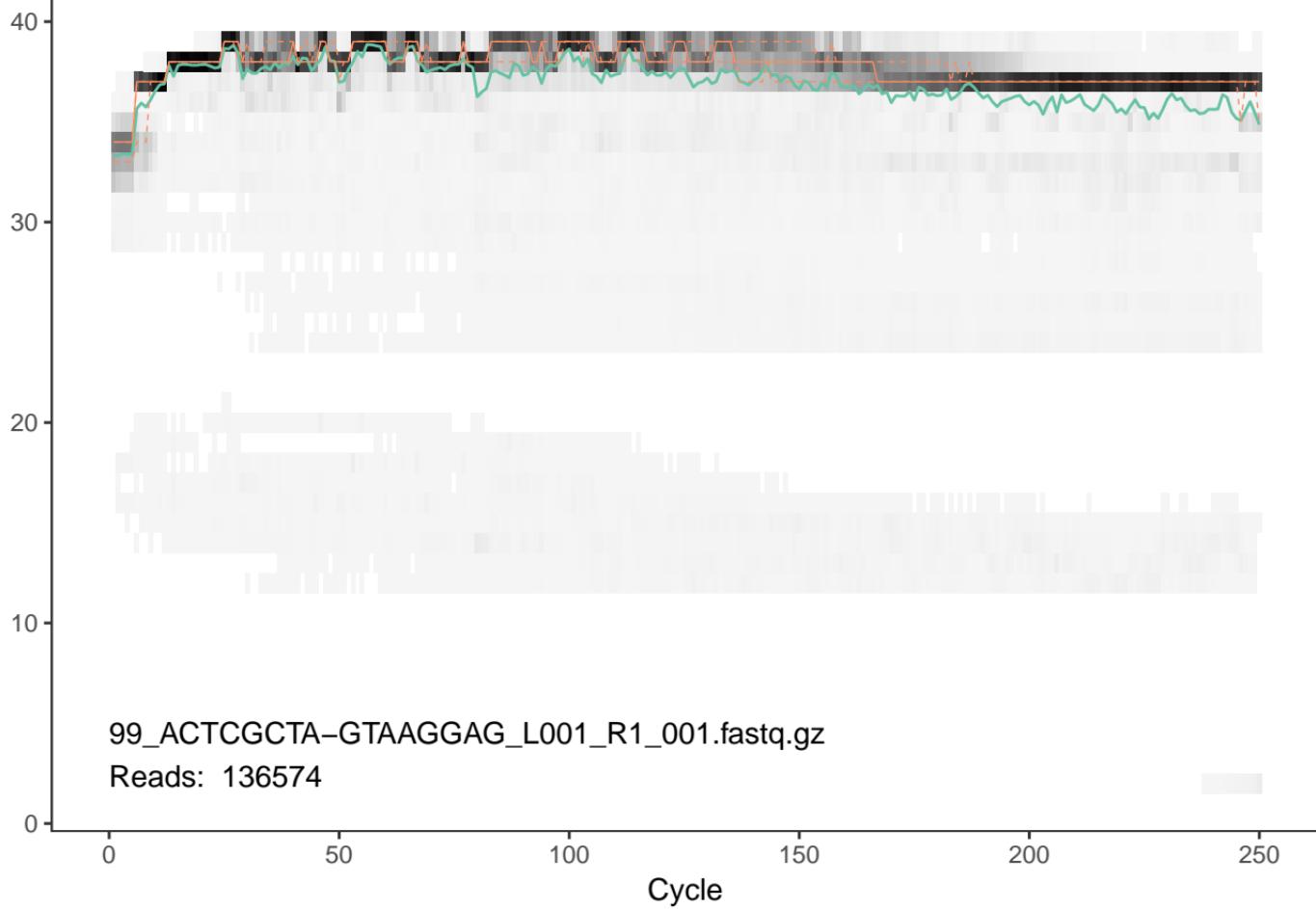
Fwd

Quality Score



Fwd

Quality Score



Rev

Quality Score

40

30

20

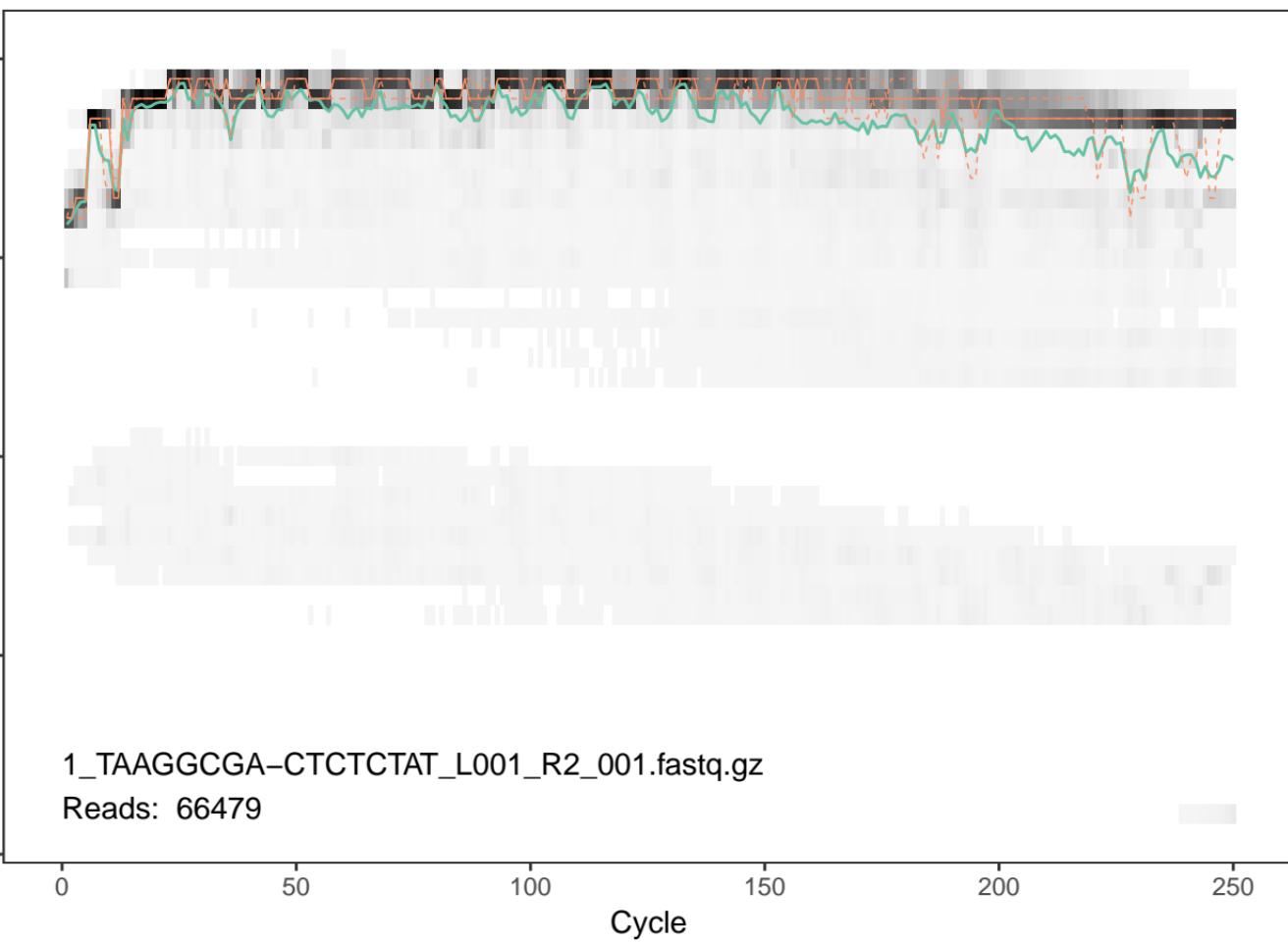
10

0

Cycle

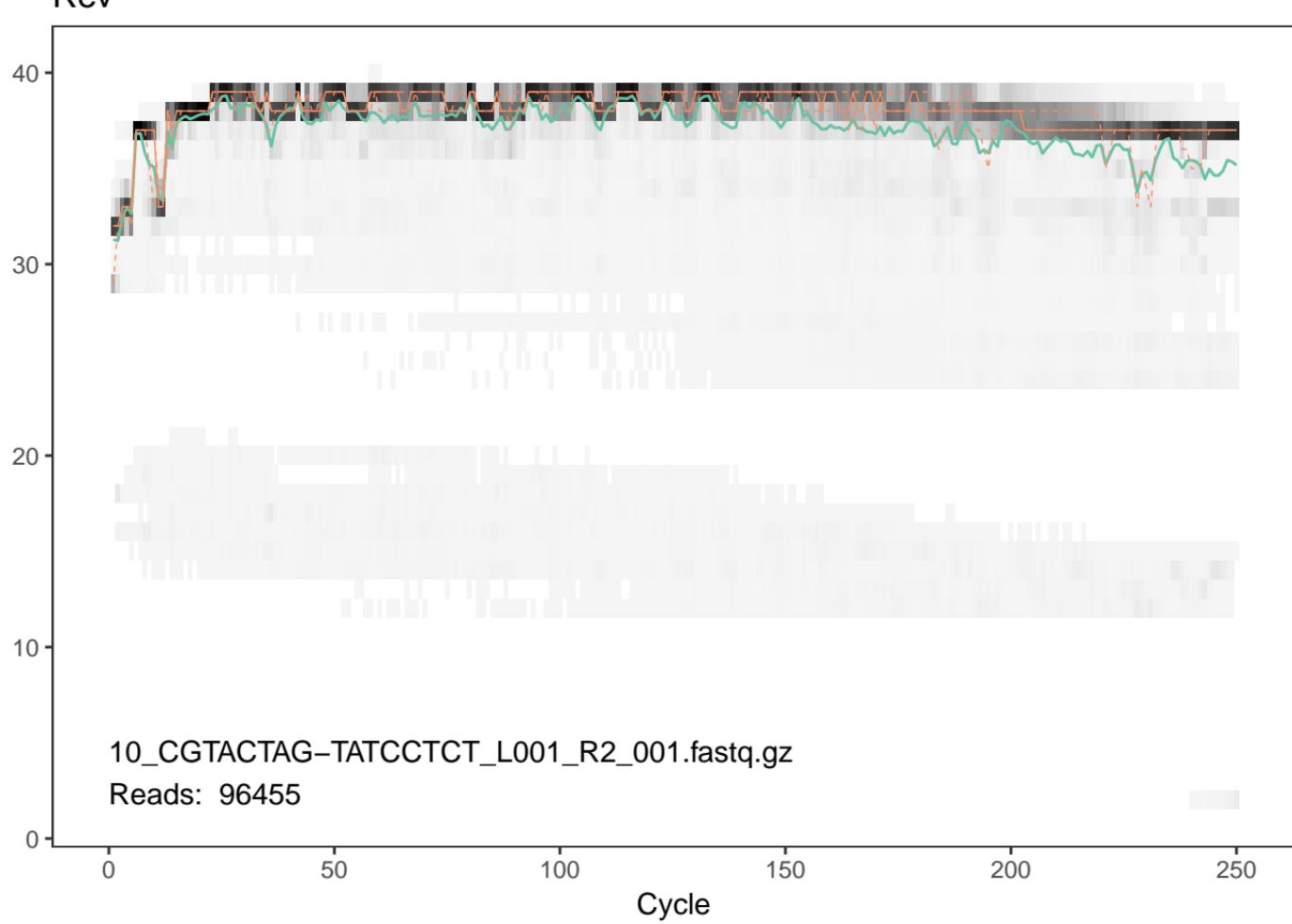
1_TAAGGCGA-CTCTCTAT_L001_R2_001.fastq.gz

Reads: 66479



Rev

Quality Score



Rev

Quality Score

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

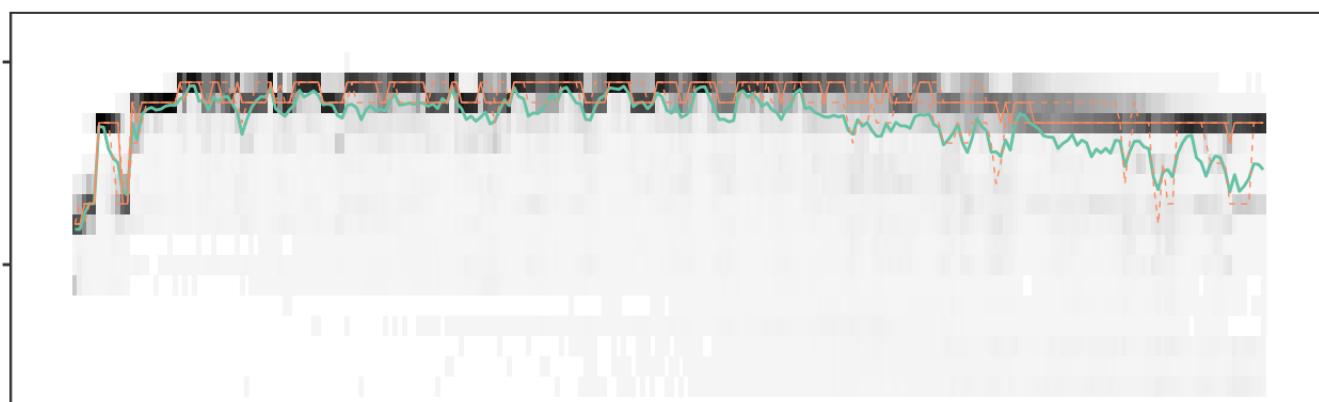
100

150

200

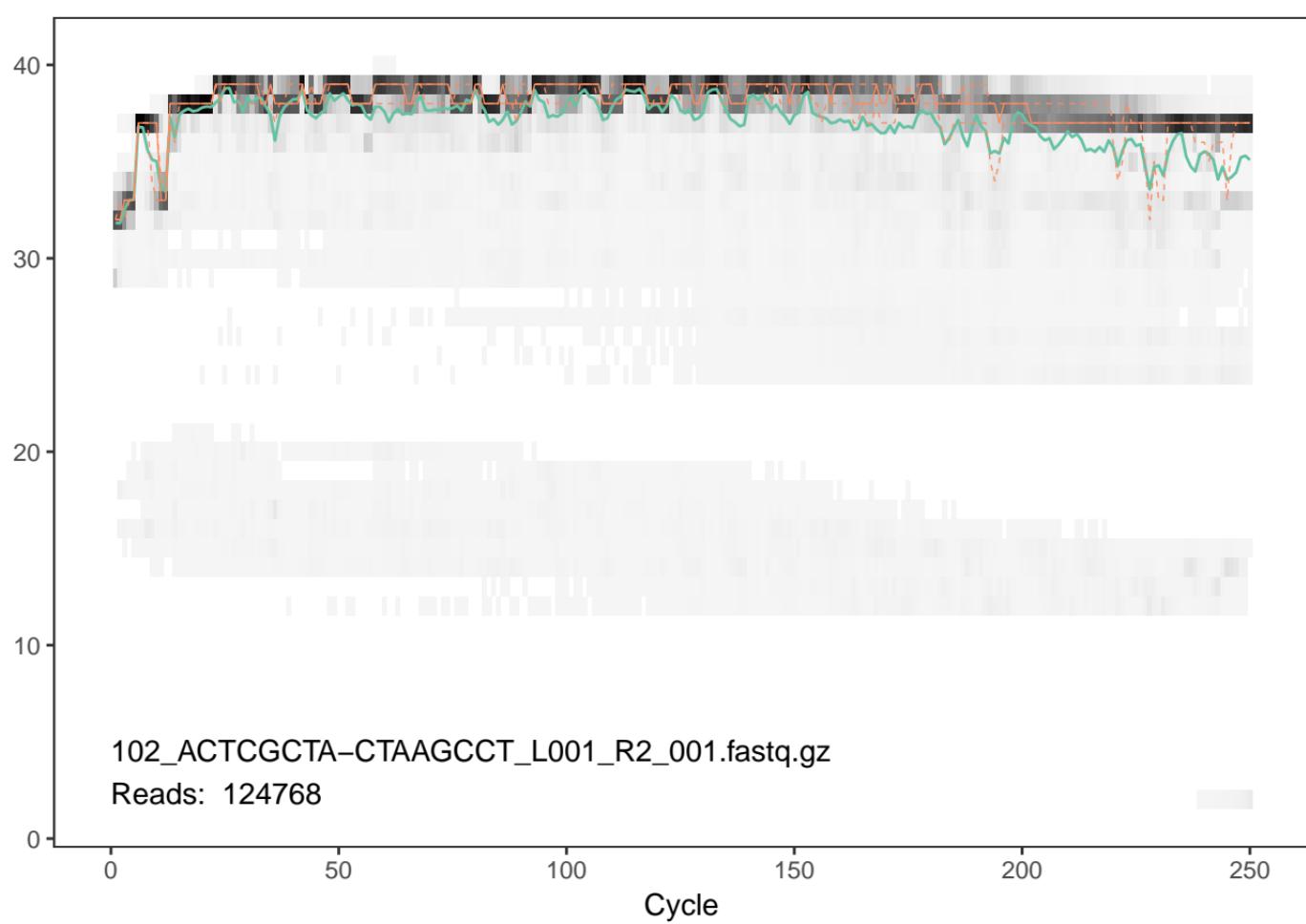
250

Cycle



Rev

Quality Score



Rev

Quality Score

40

30

20

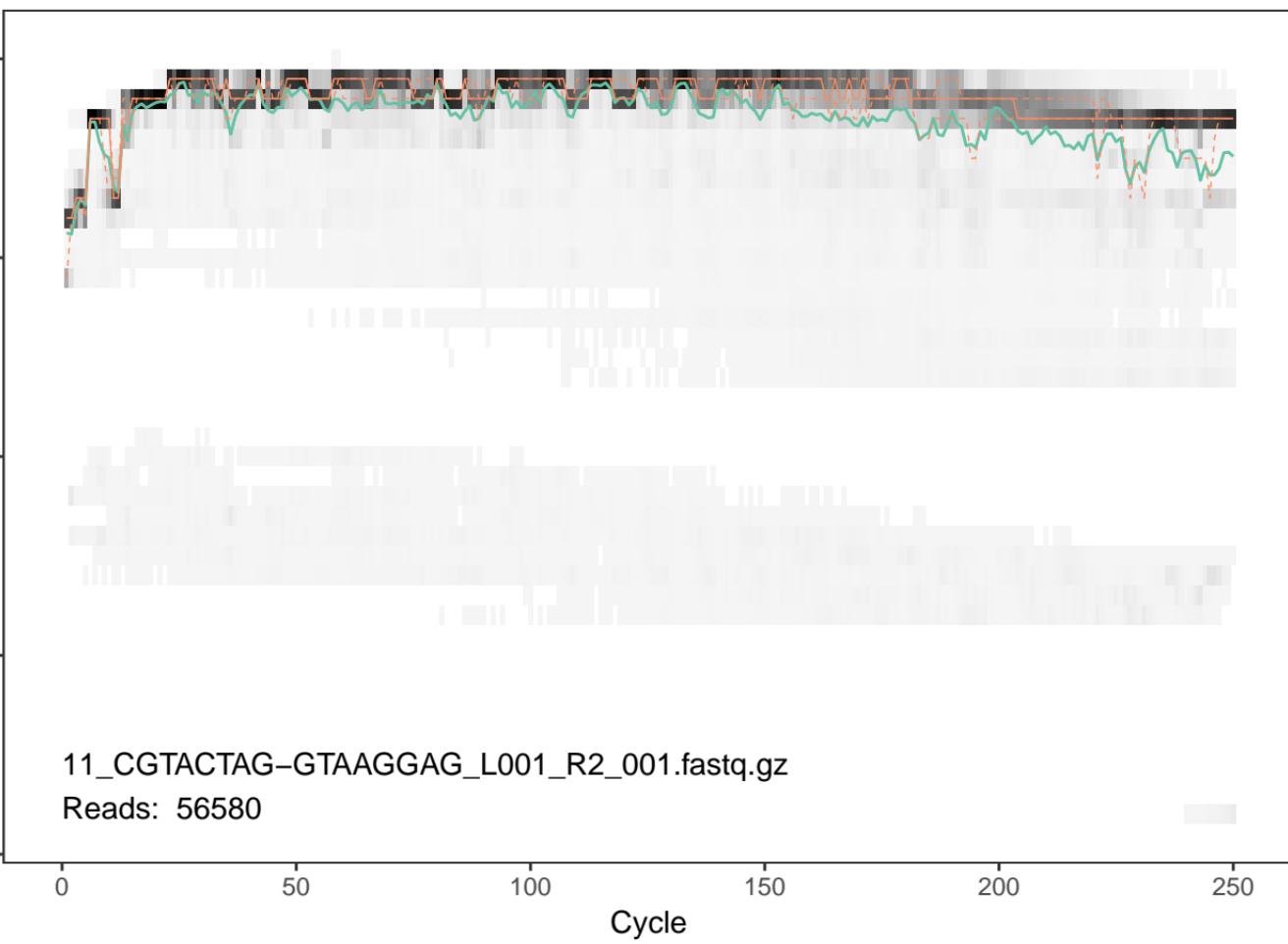
10

0

Cycle

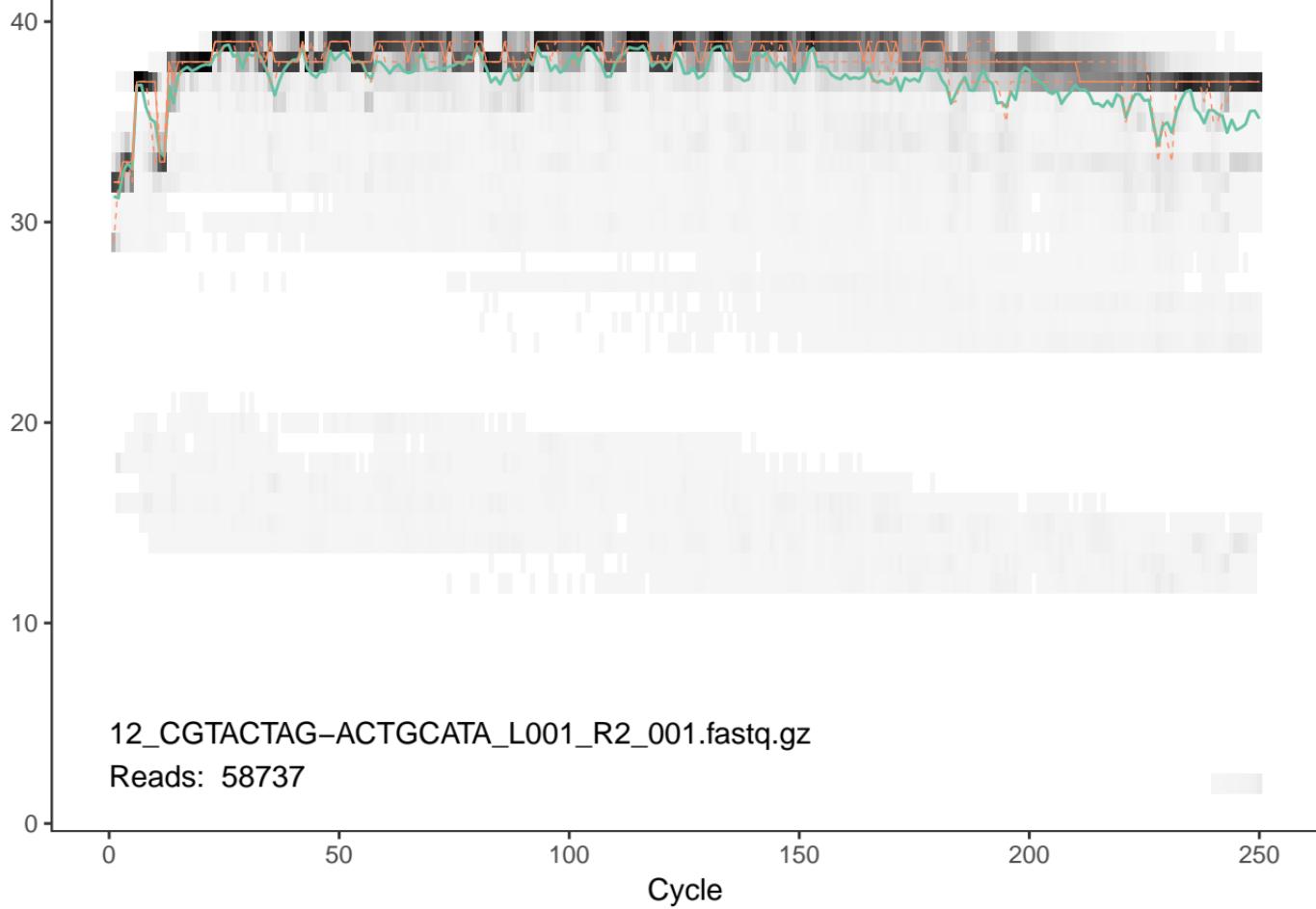
11_CGTACTAG-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 56580



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

13_CGTACTAG-AAGGAGTA_L001_R2_001.fastq.gz

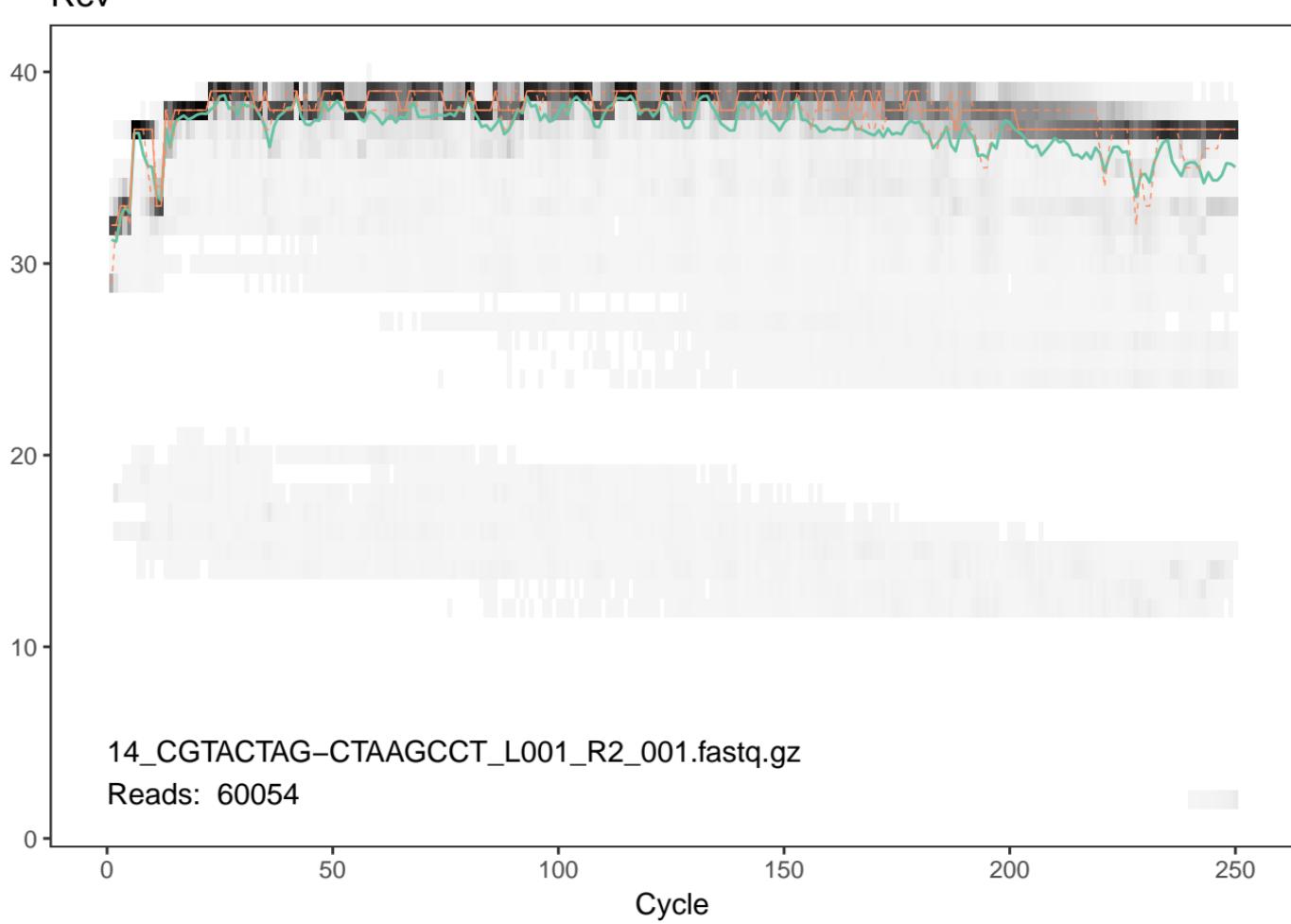
Reads: 66437

Cycle

0 50 100 150 200 250

Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

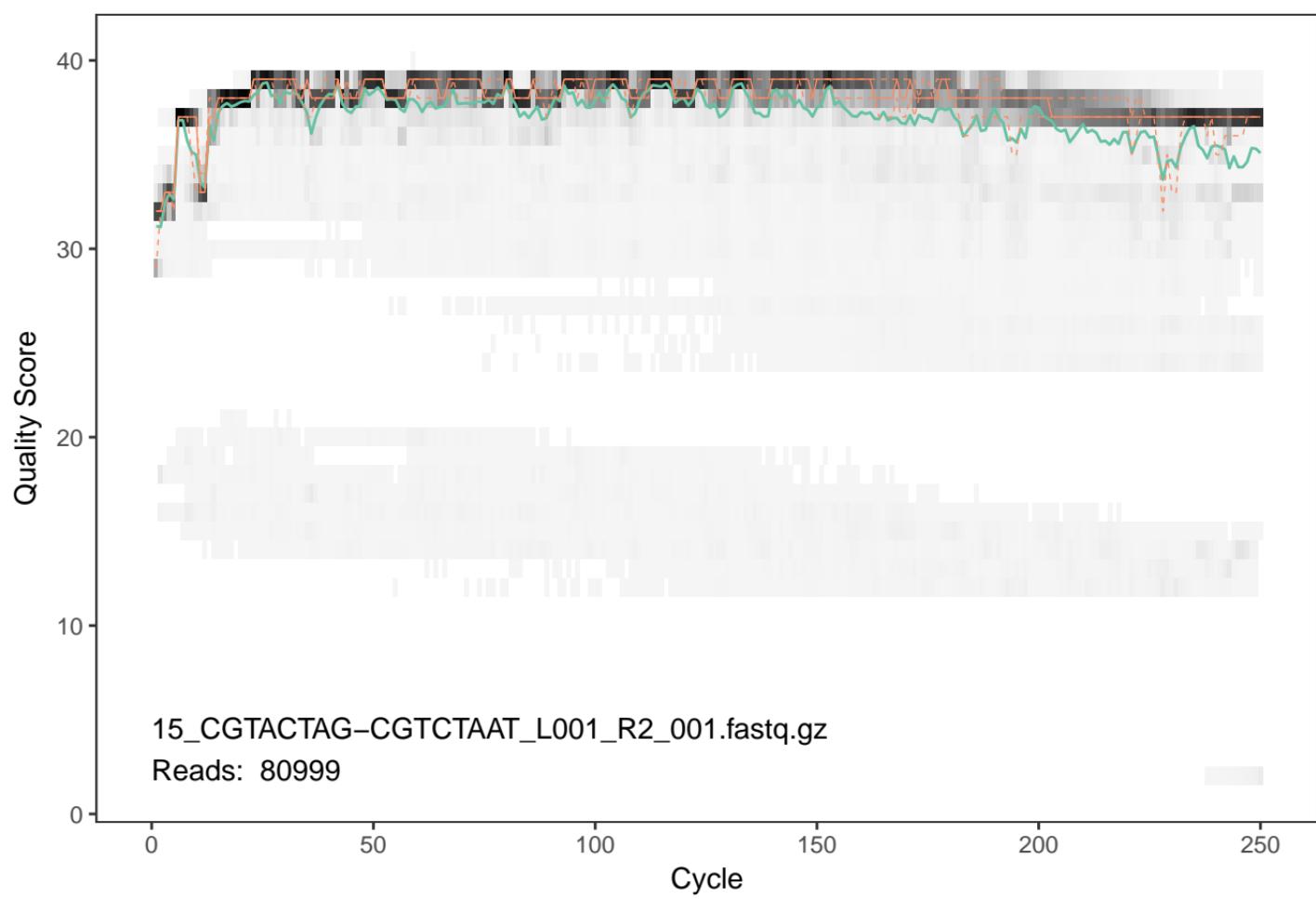
200

250

Cycle

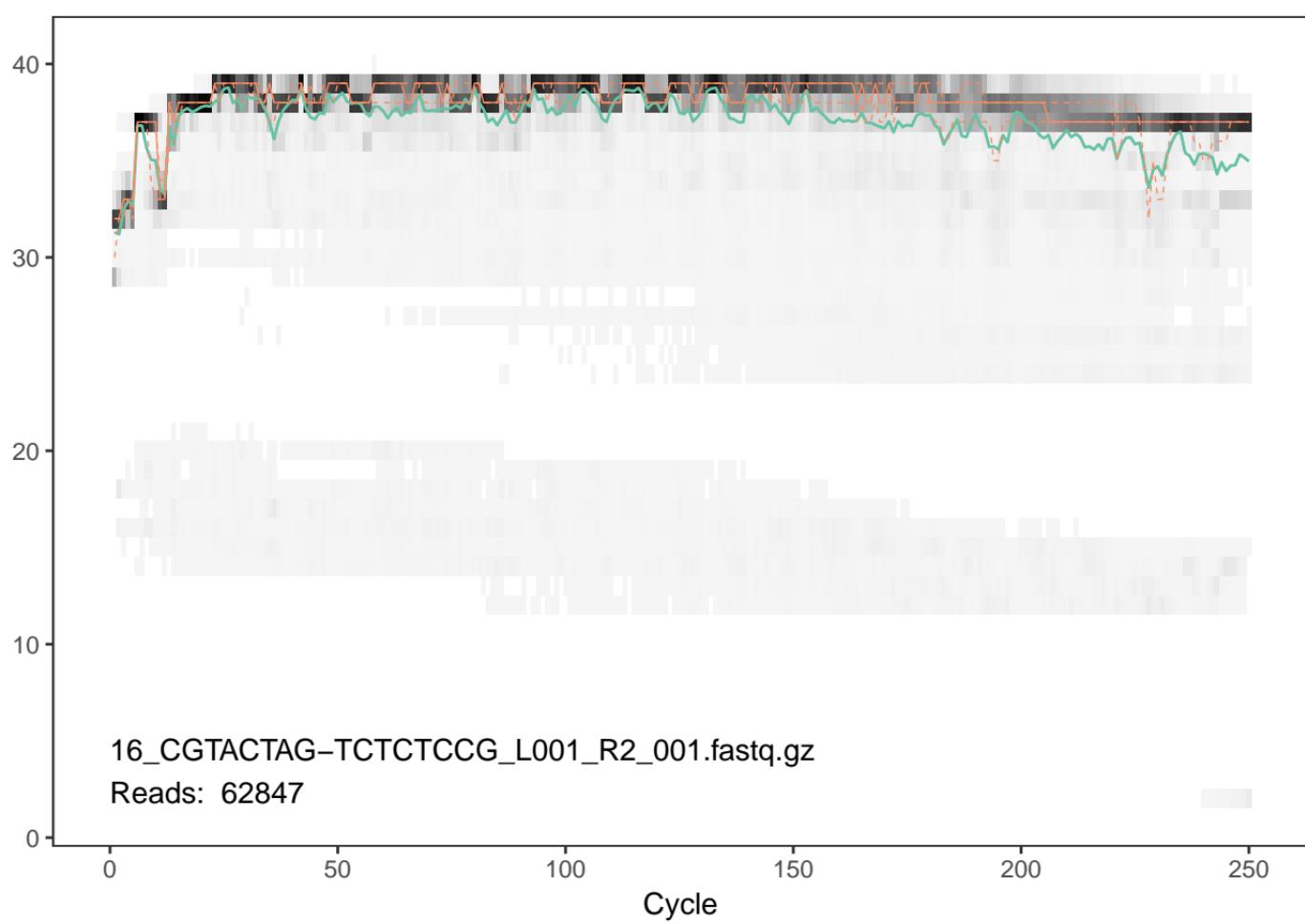
15_CGTACTAG-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 80999



Rev

Quality Score



Rev

Quality Score

40

30

20

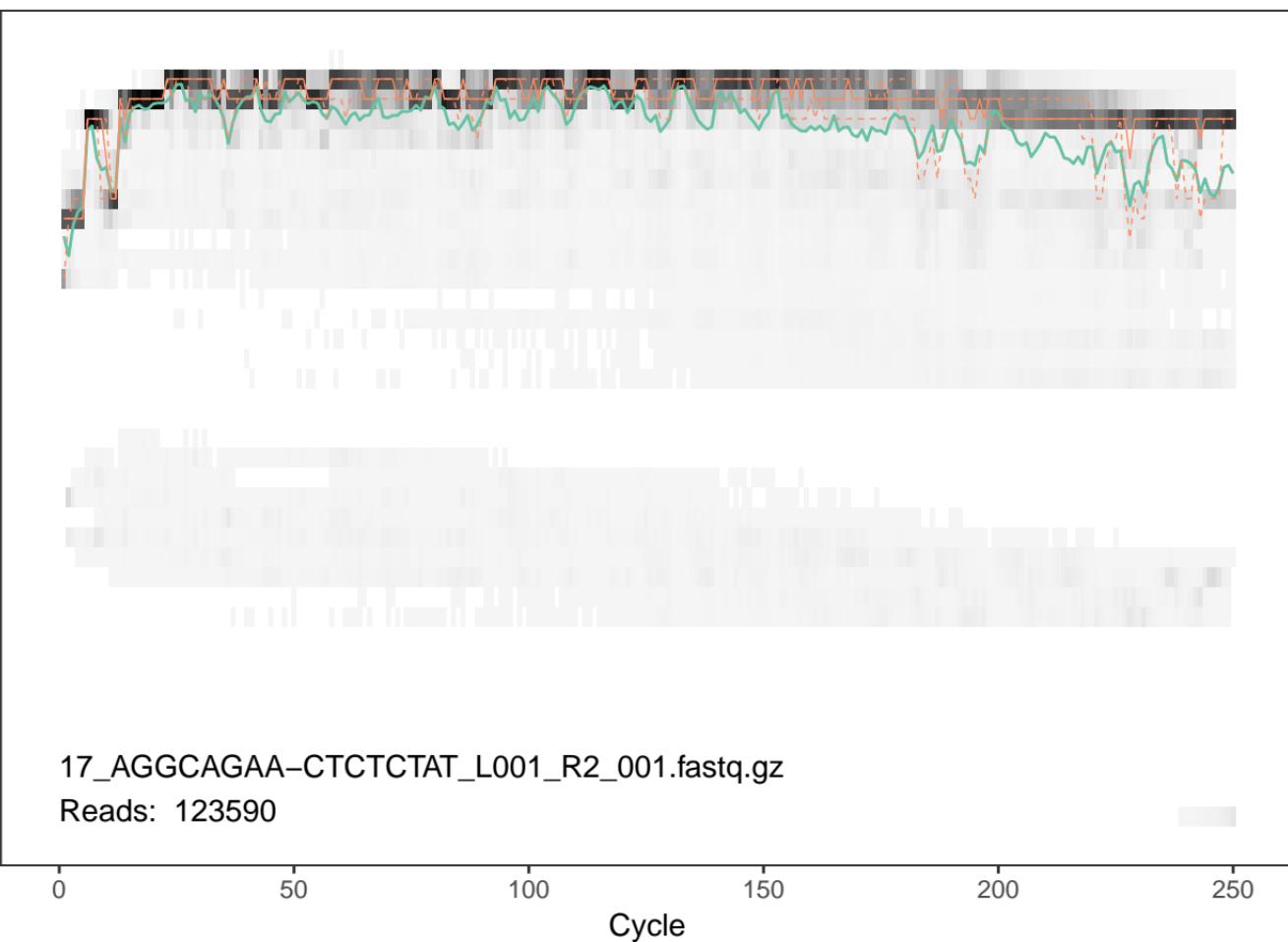
10

0

Cycle

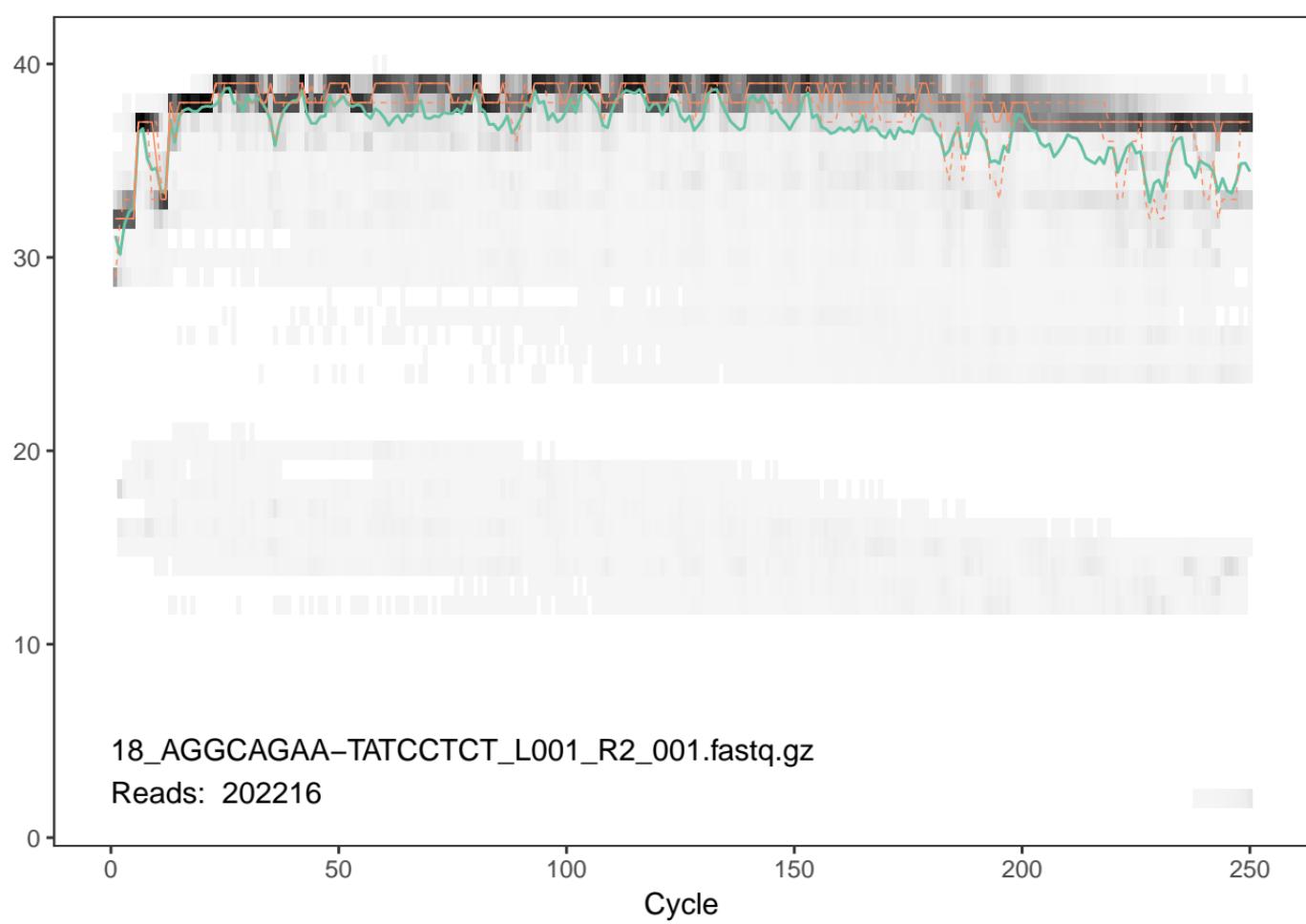
17_AGGCAGAA-CTCTCTAT_L001_R2_001.fastq.gz

Reads: 123590



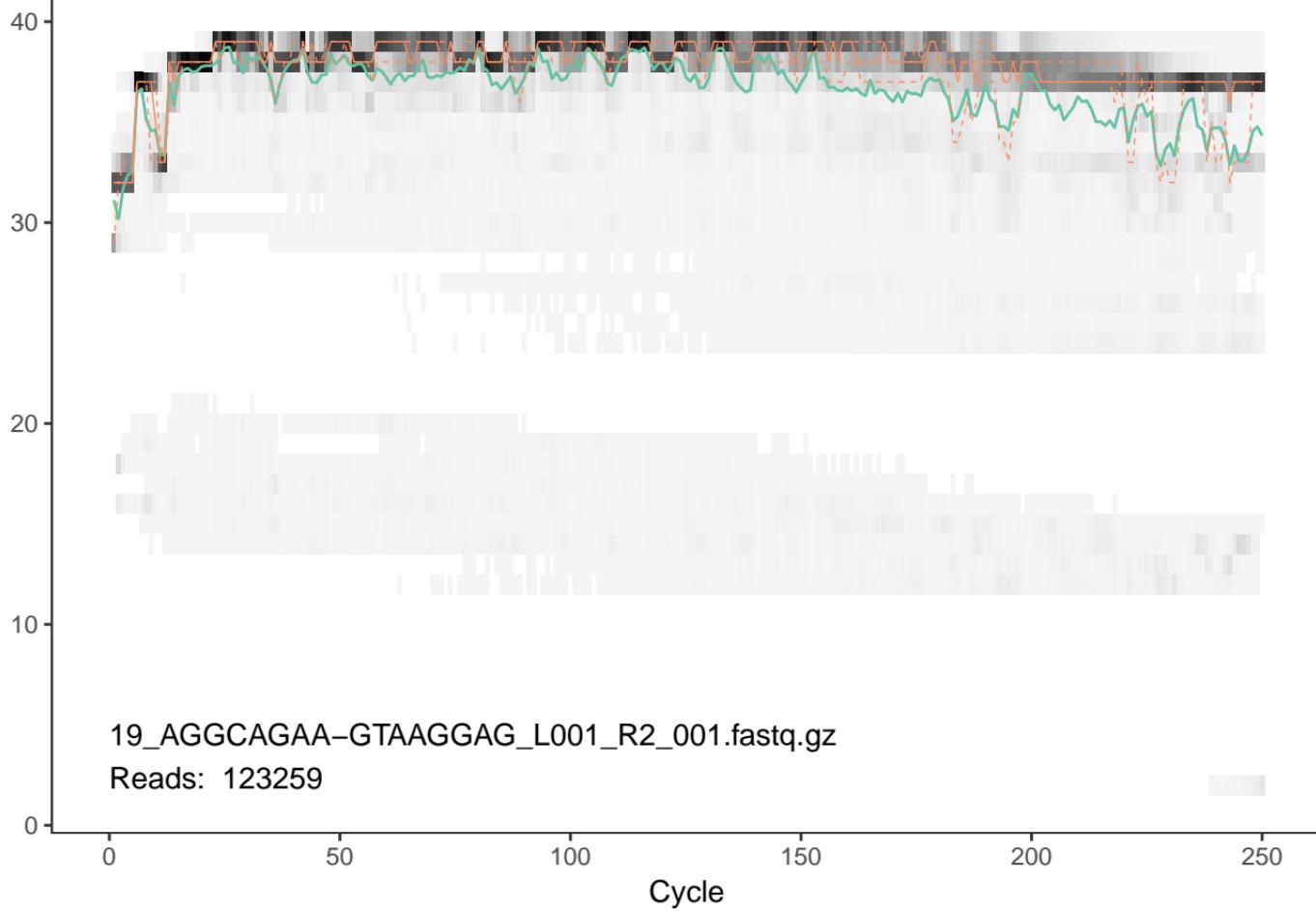
Rev

Quality Score



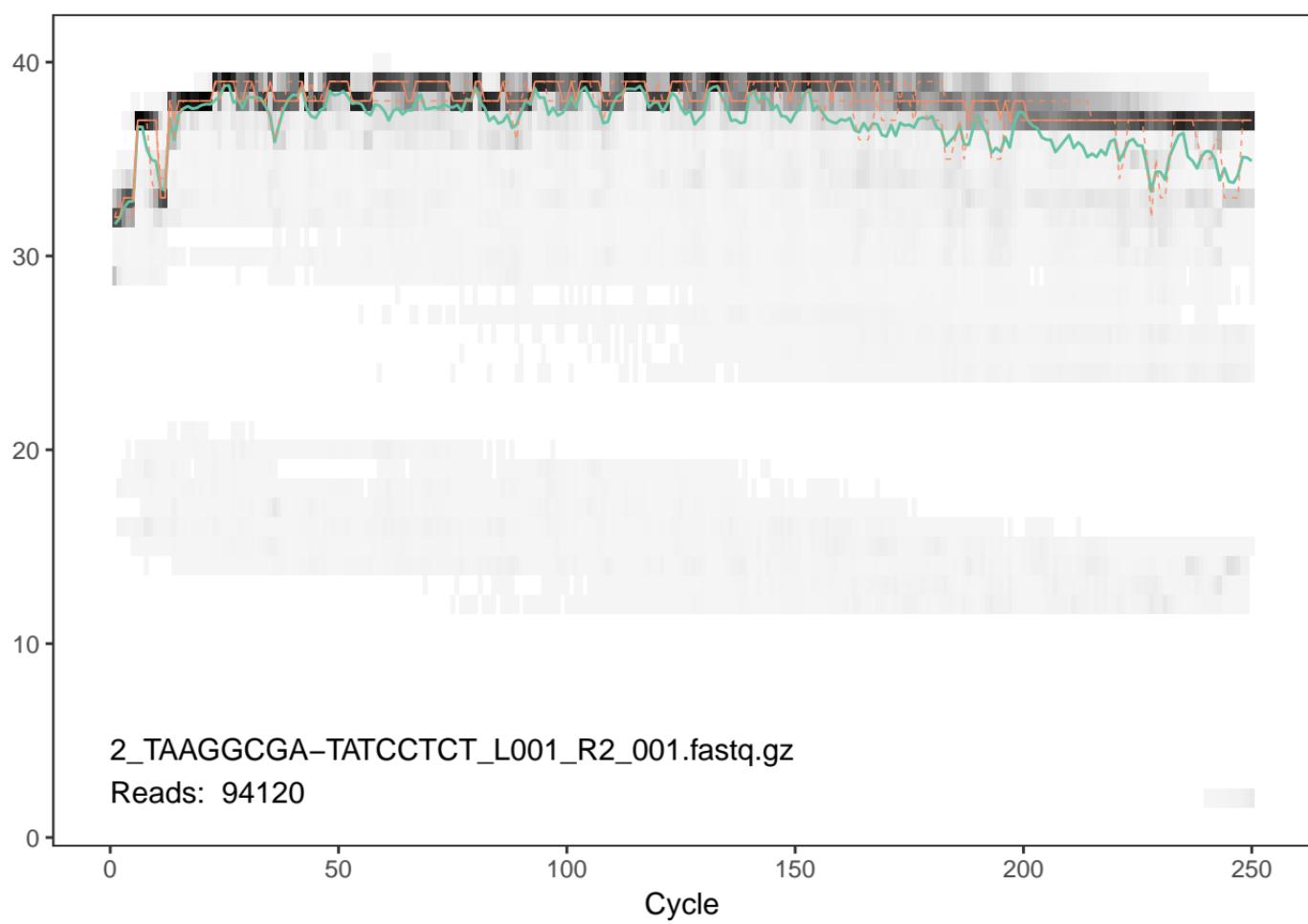
Rev

Quality Score



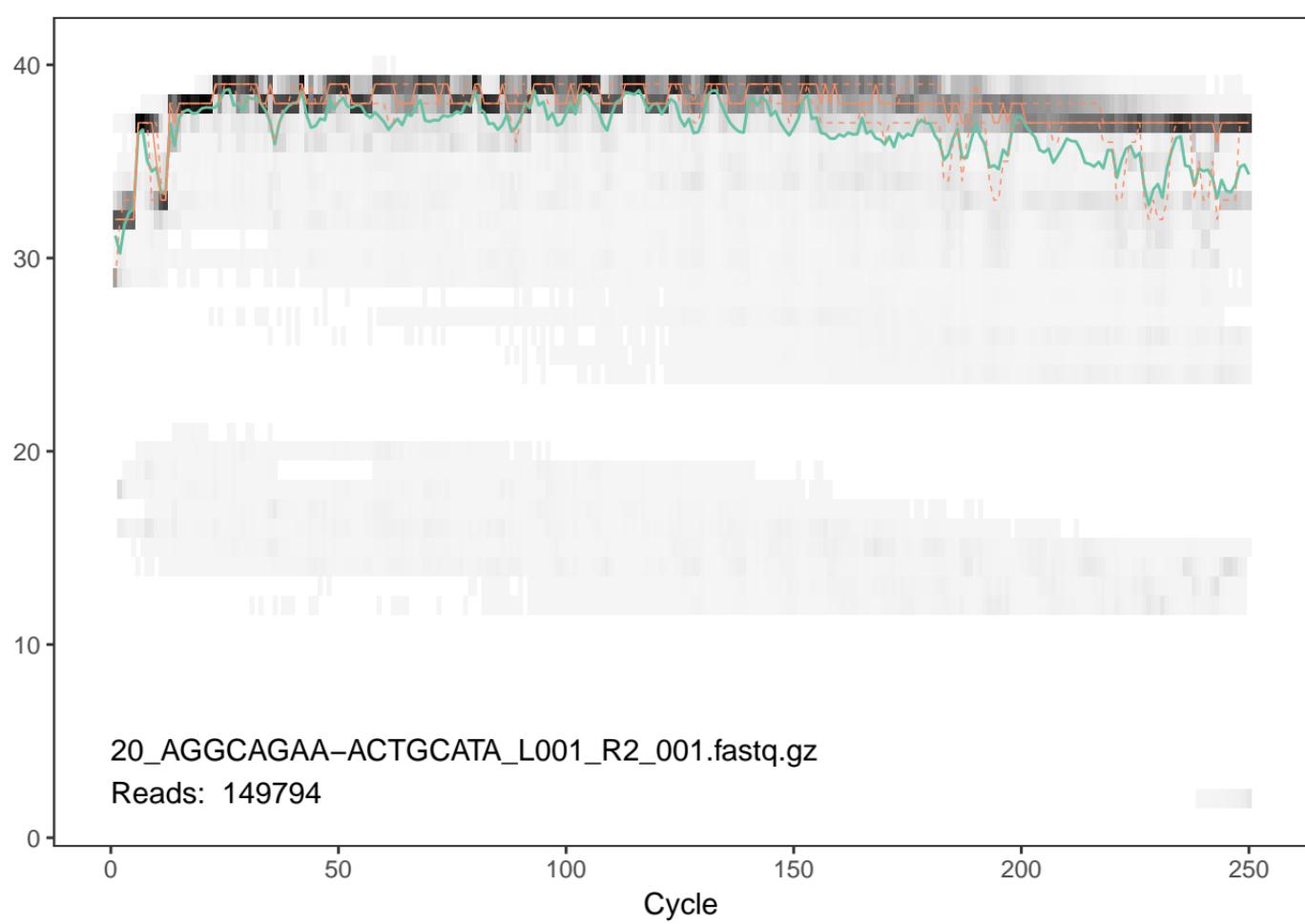
Rev

Quality Score



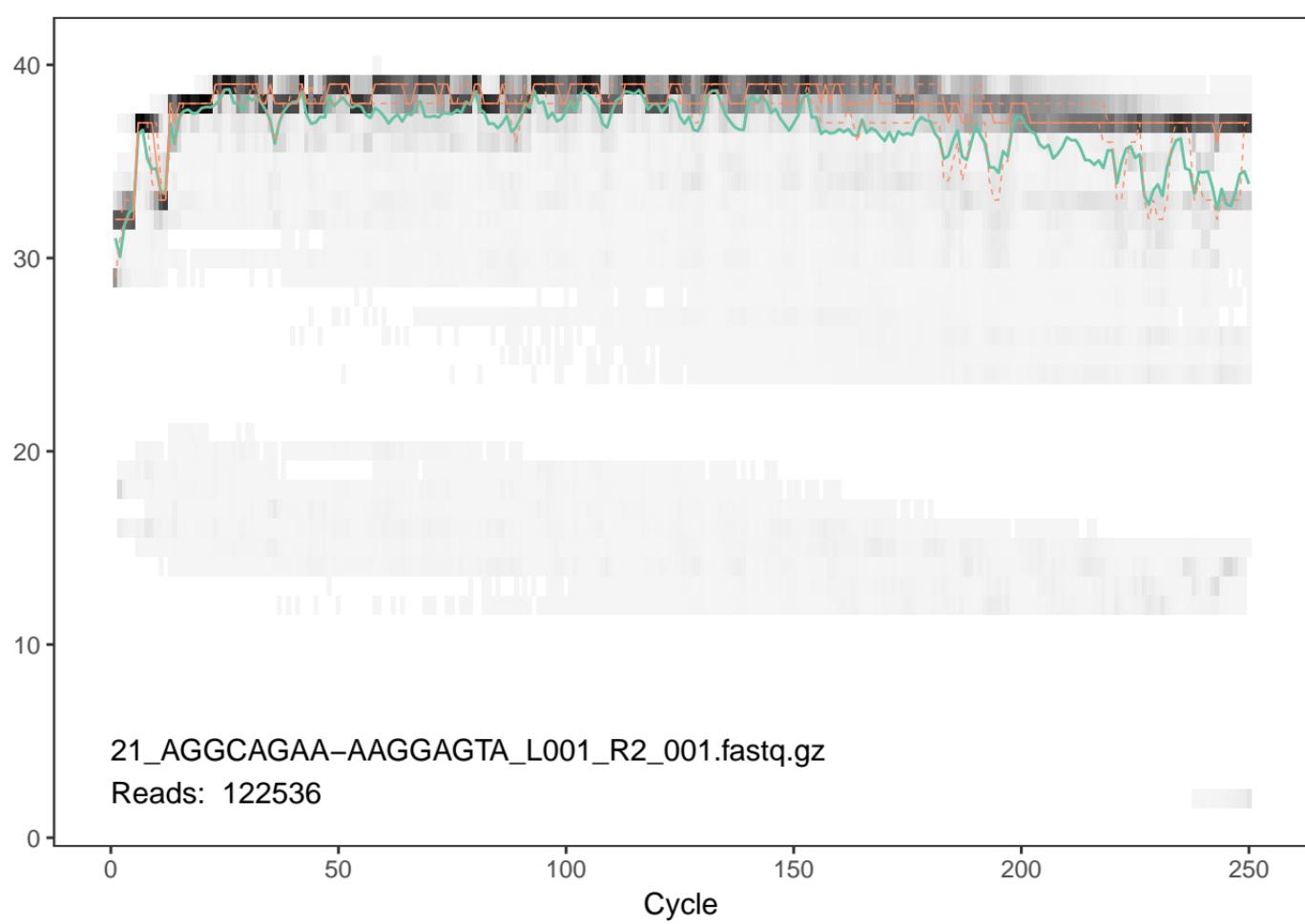
Rev

Quality Score



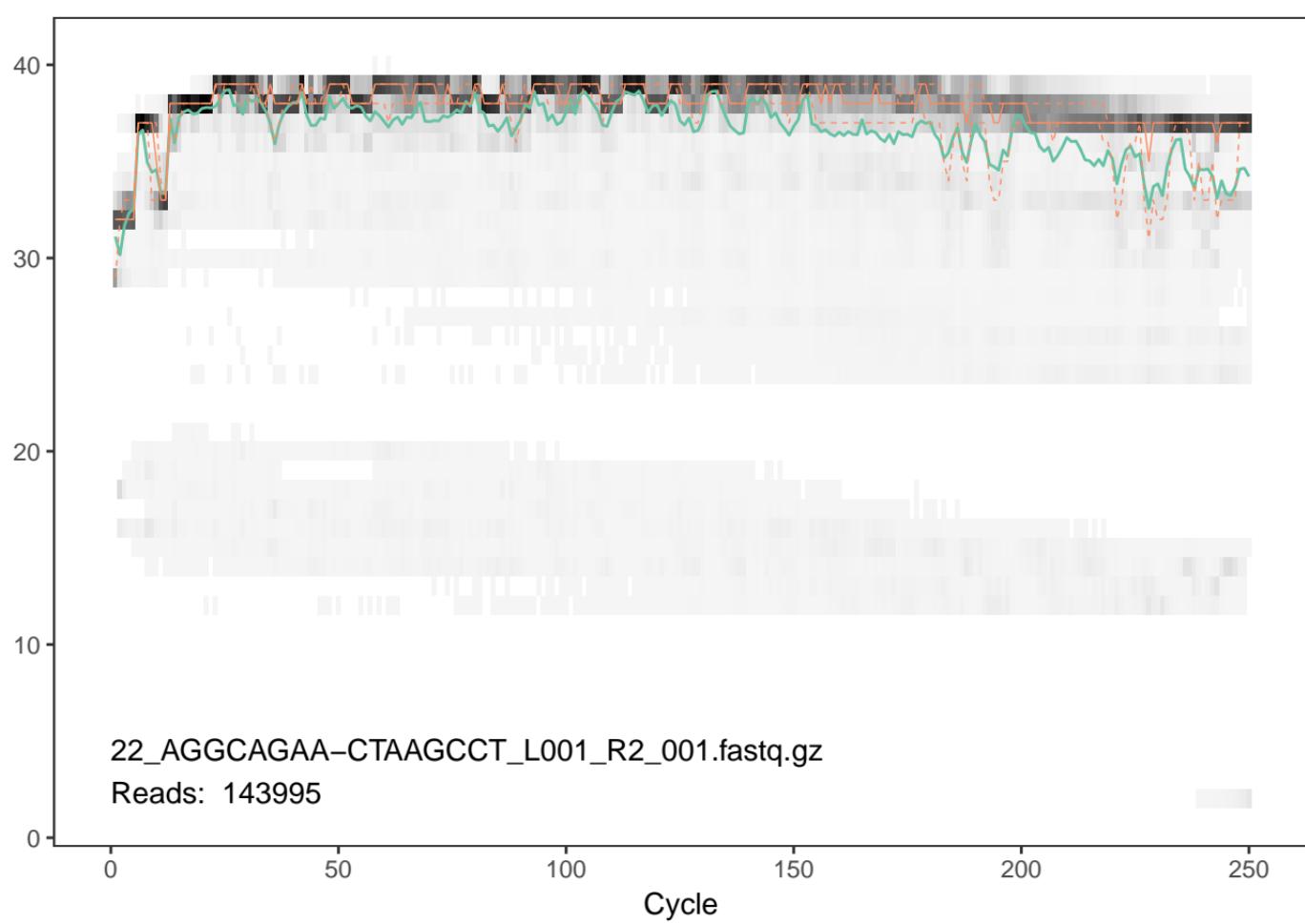
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

23_AGGCAGAA-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 122231

0

50

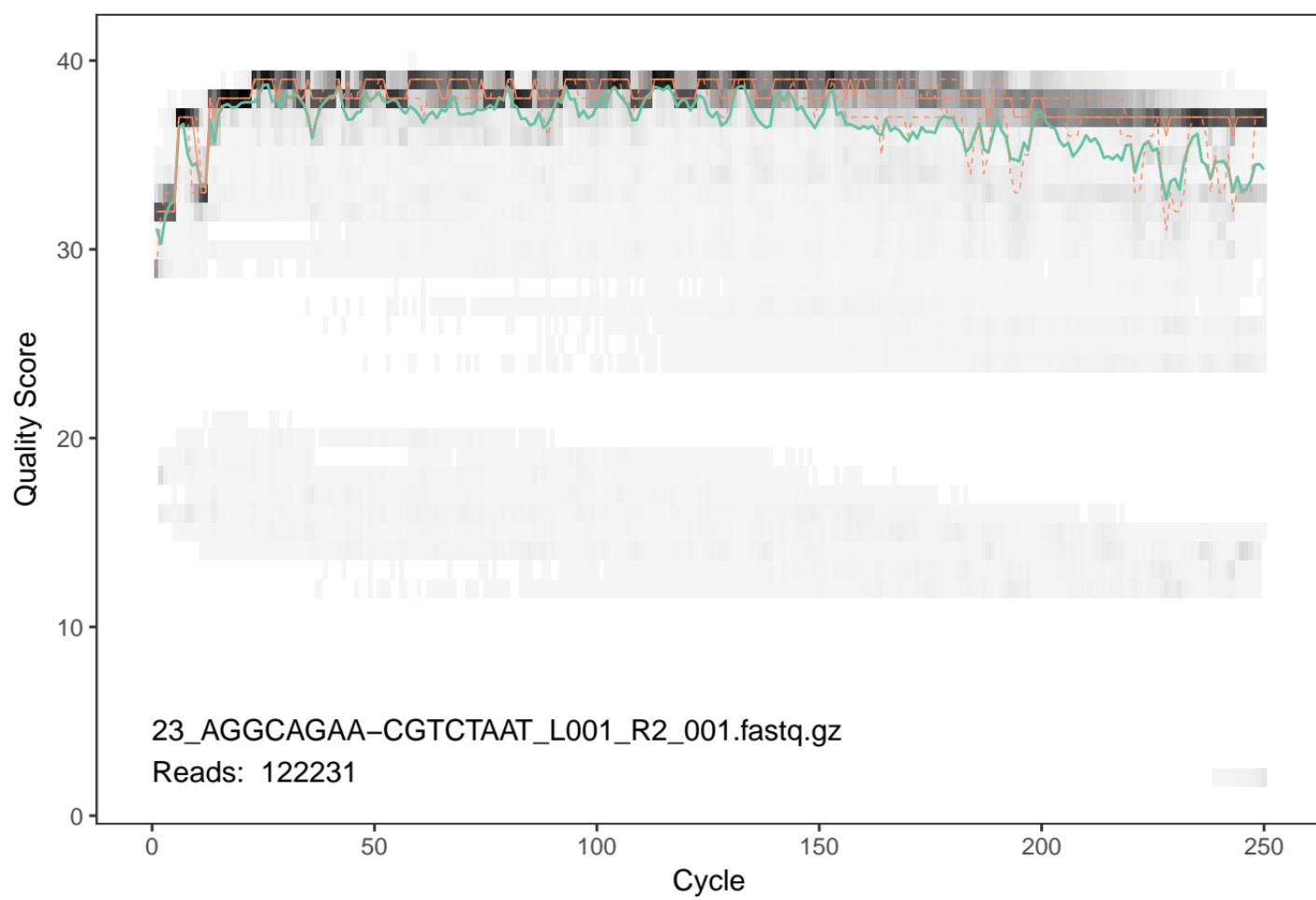
100

150

200

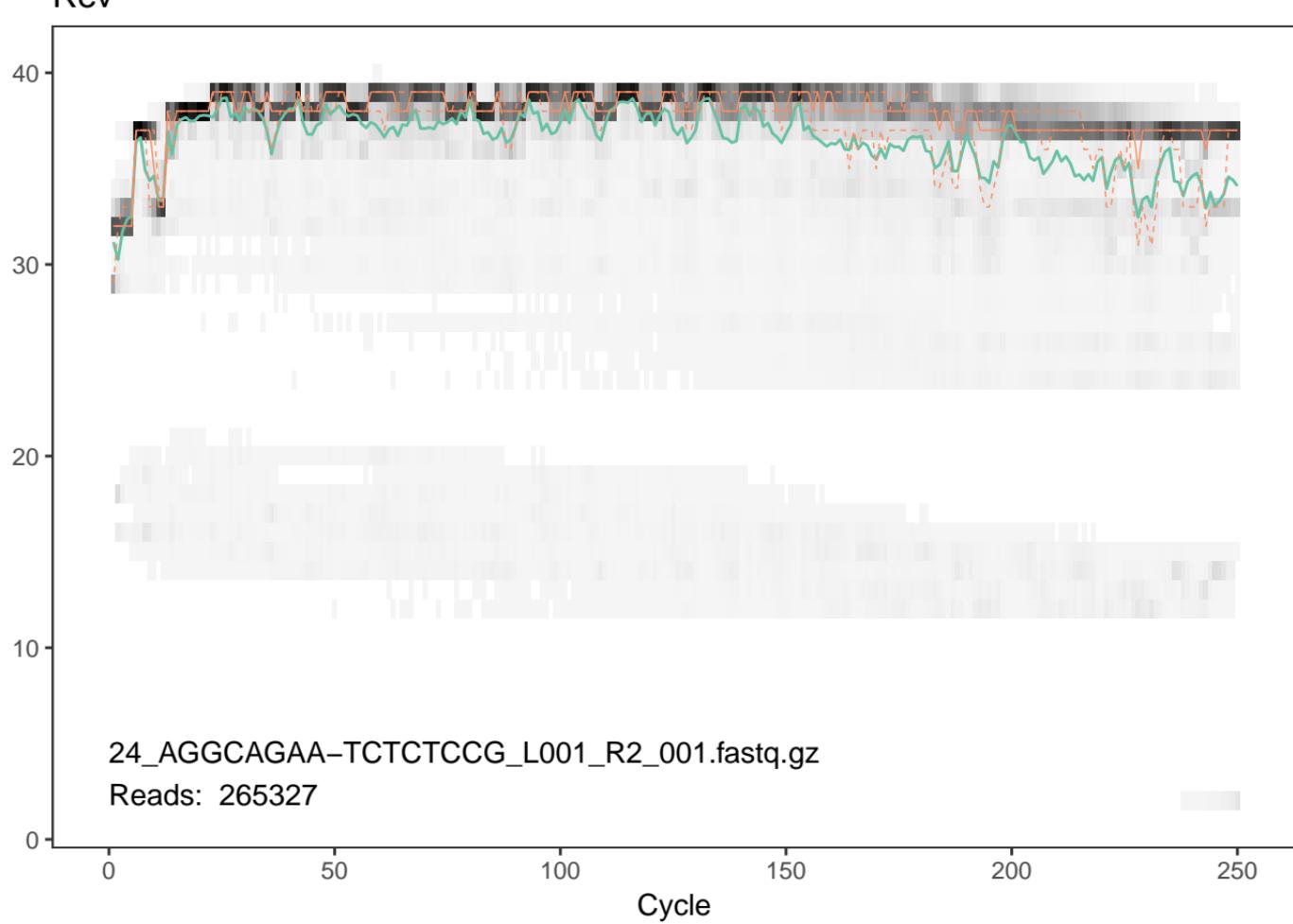
250

Cycle



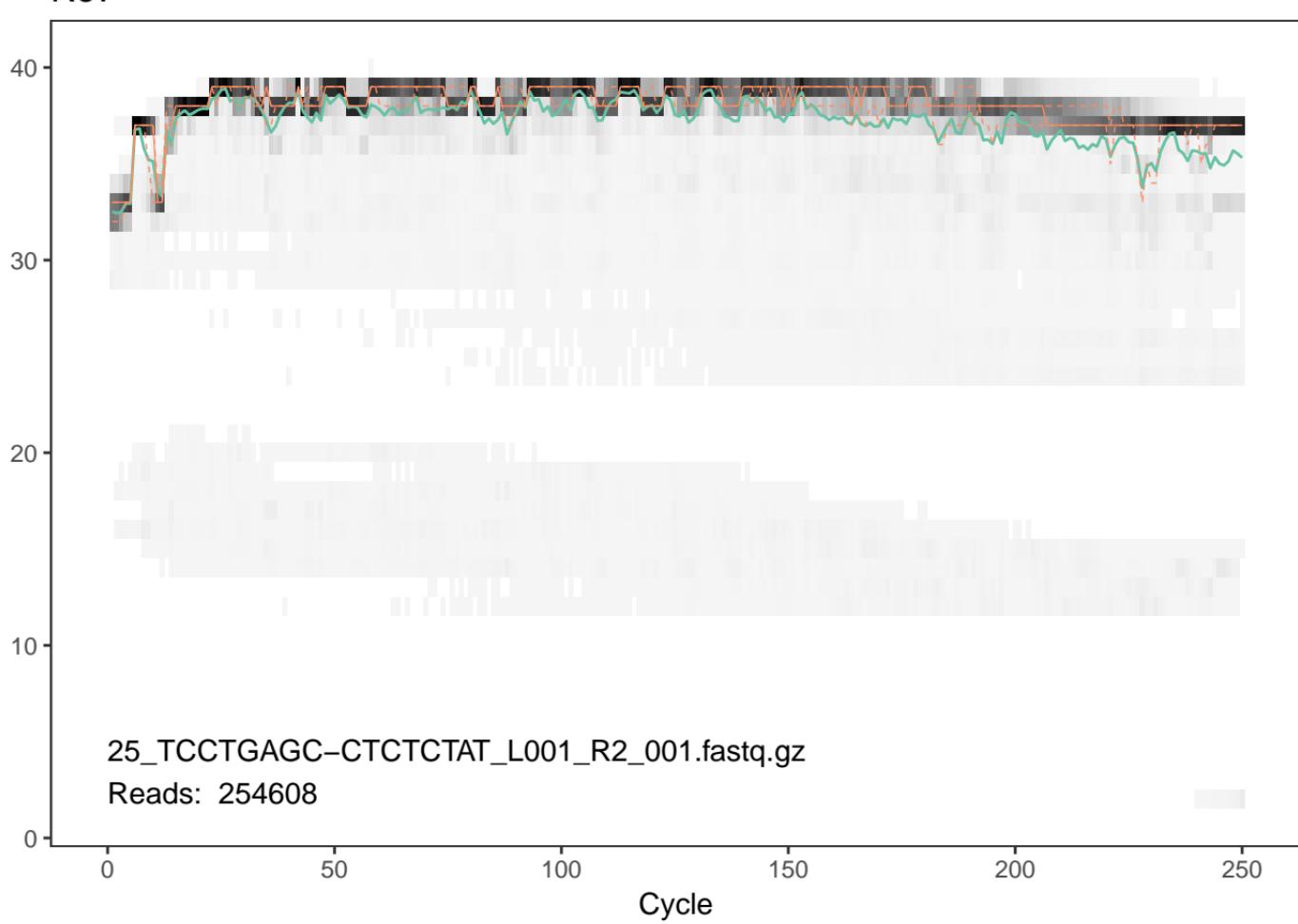
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

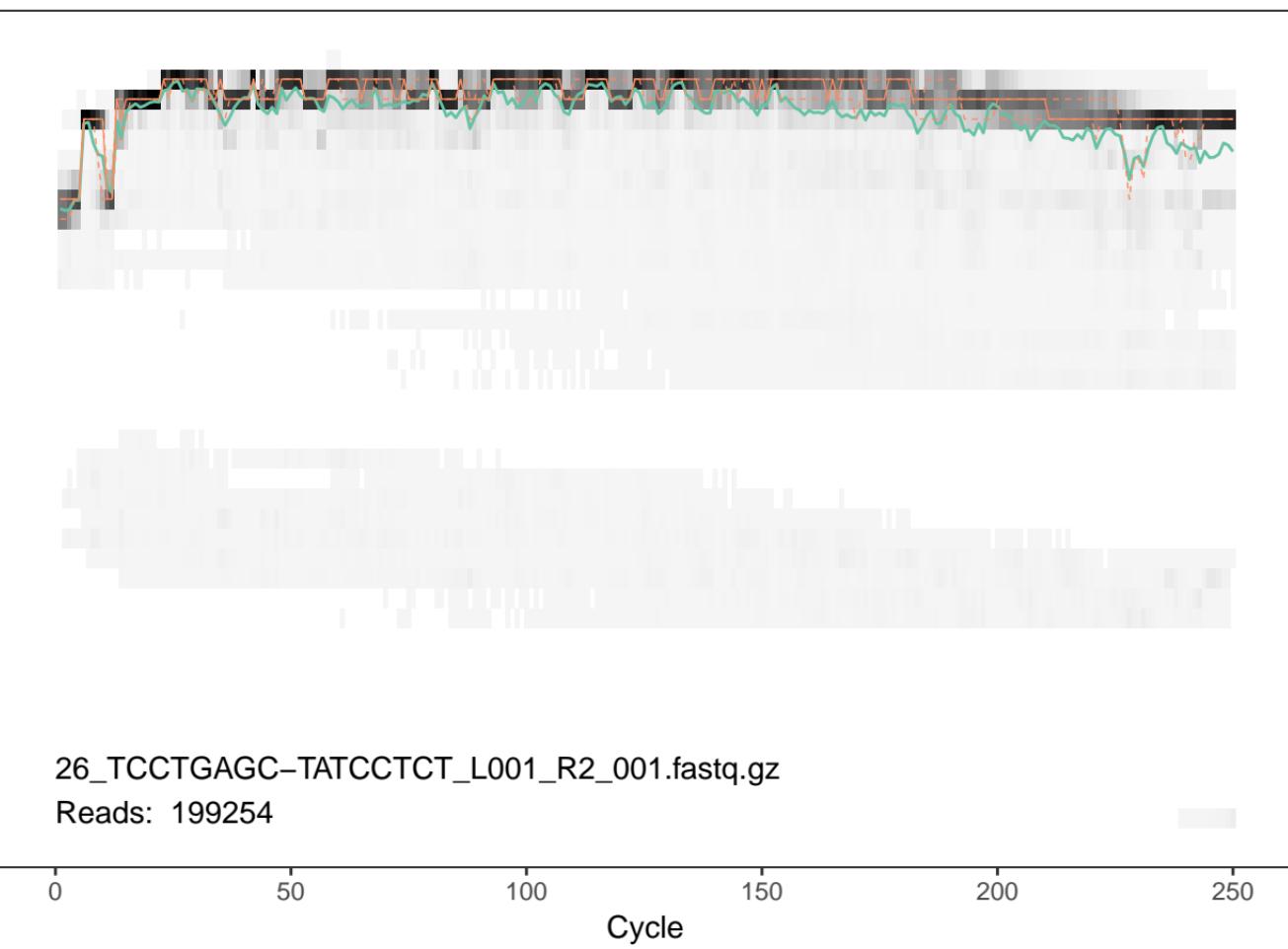
10

0

Cycle

26_TCCTGAGC-TATCCTCT_L001_R2_001.fastq.gz

Reads: 199254



Rev

Quality Score

40

30

20

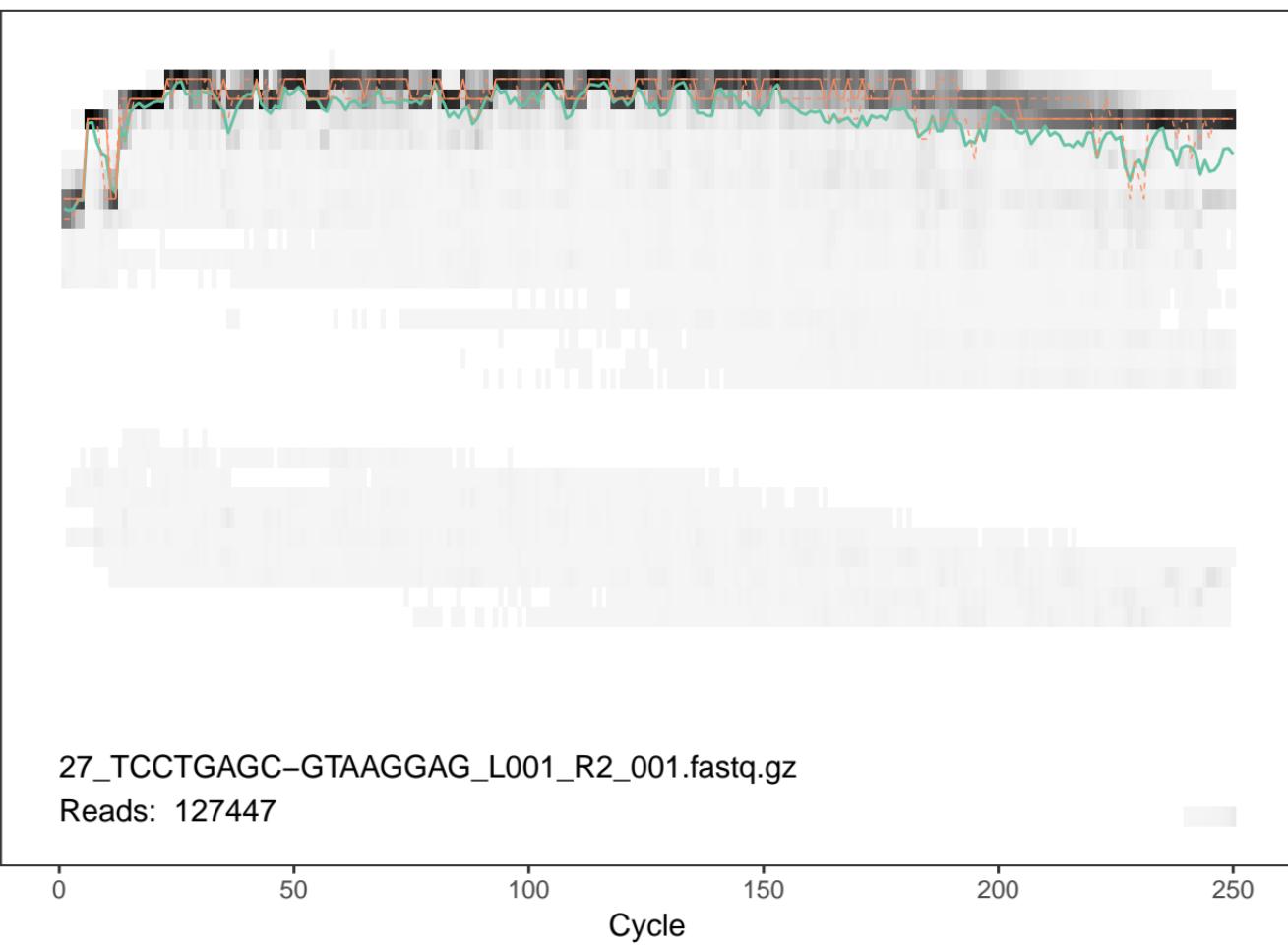
10

0

Cycle

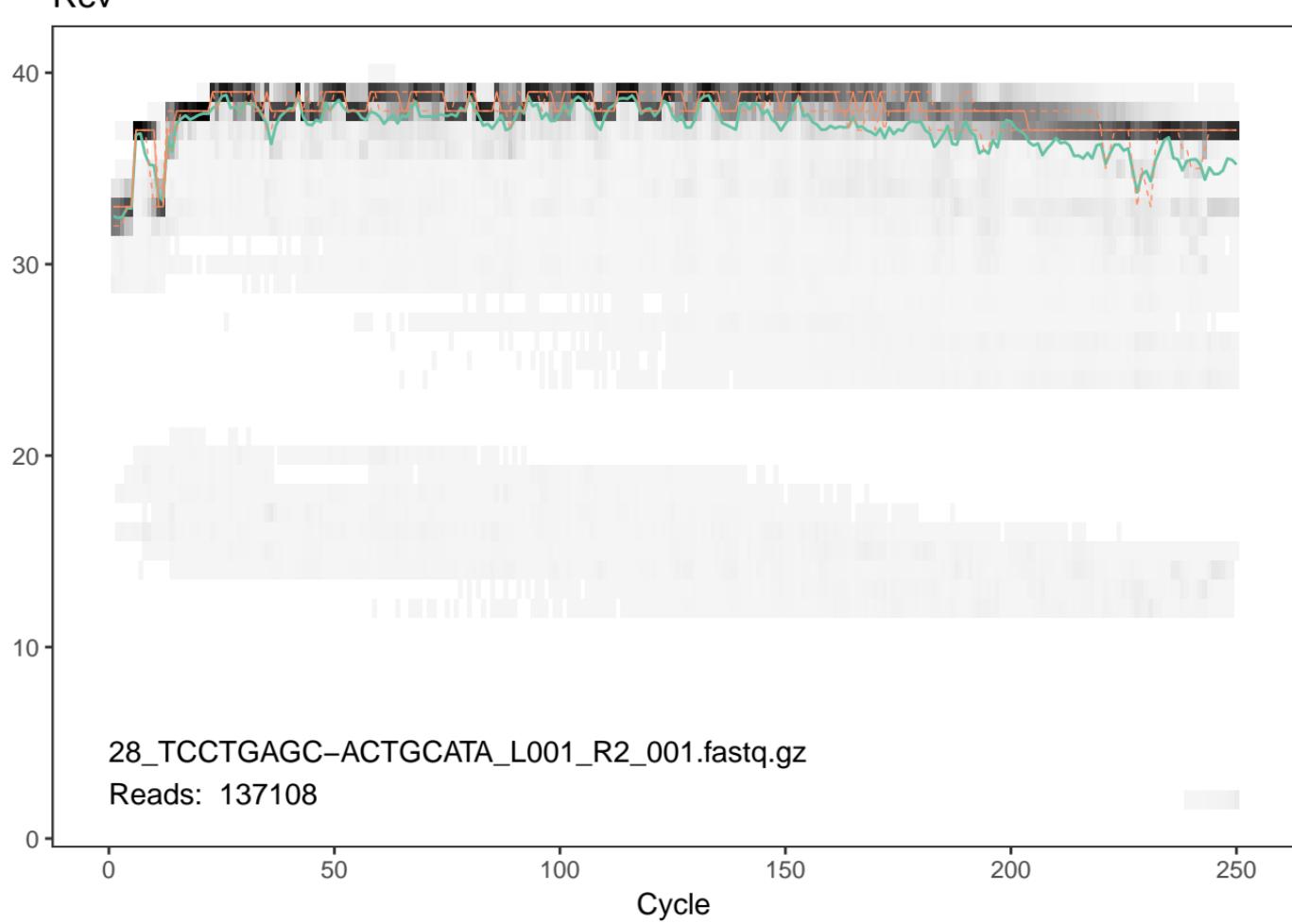
27_TCCTGAGC-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 127447



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

29_TCCTGAGC-AAGGAGTA_L001_R2_001.fastq.gz

Reads: 79739

0

50

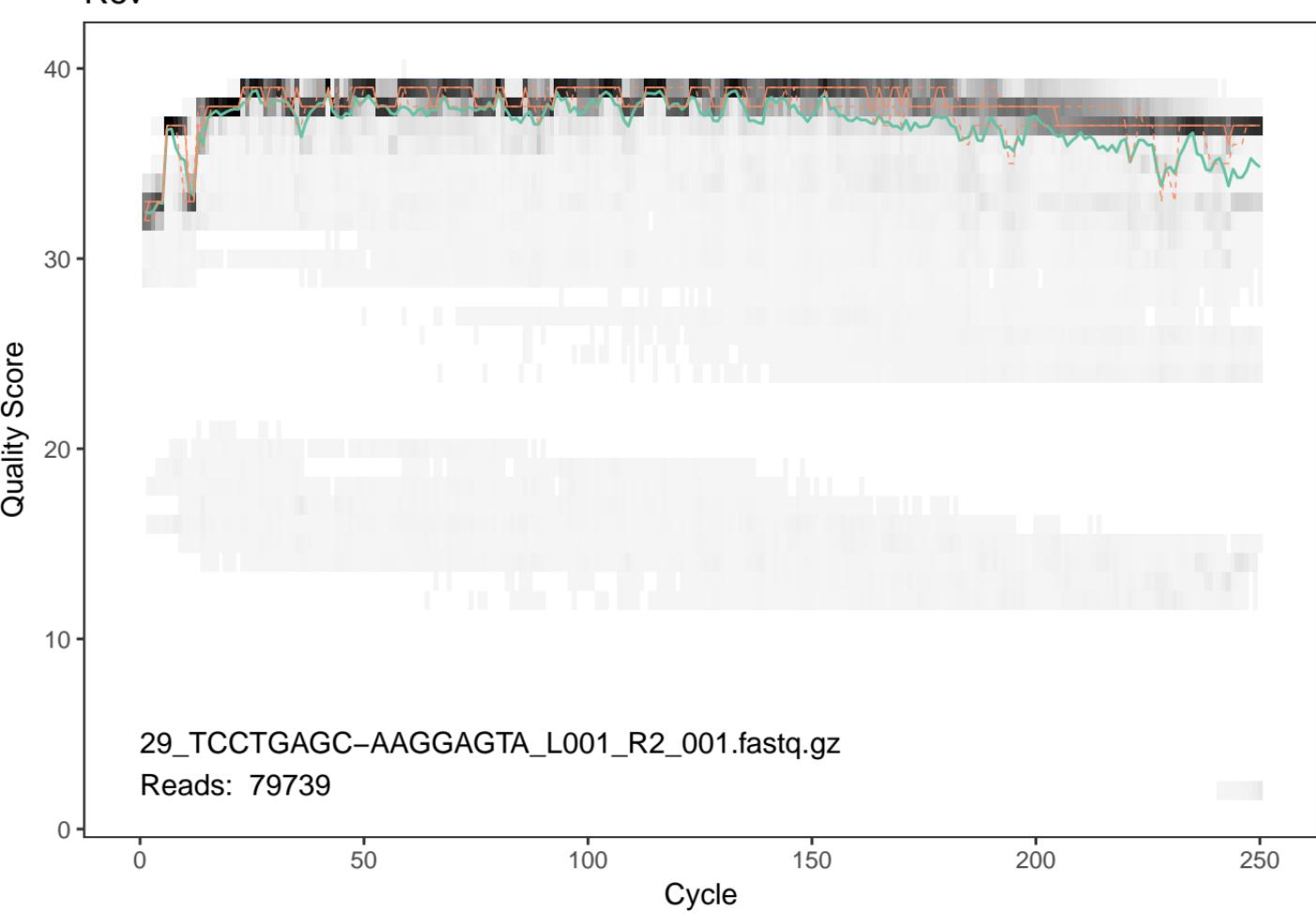
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

10

0

50

100

150

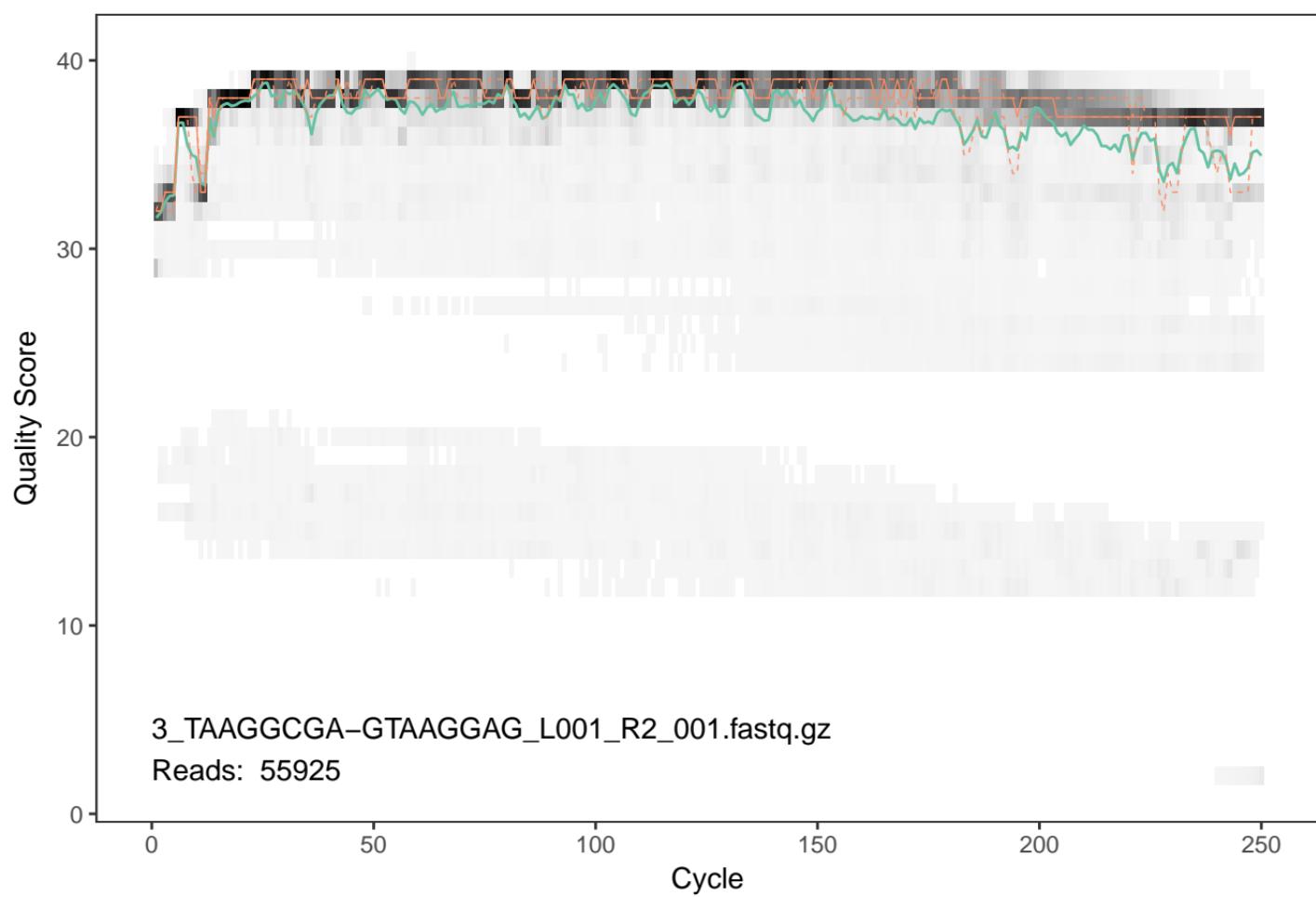
200

250

Cycle

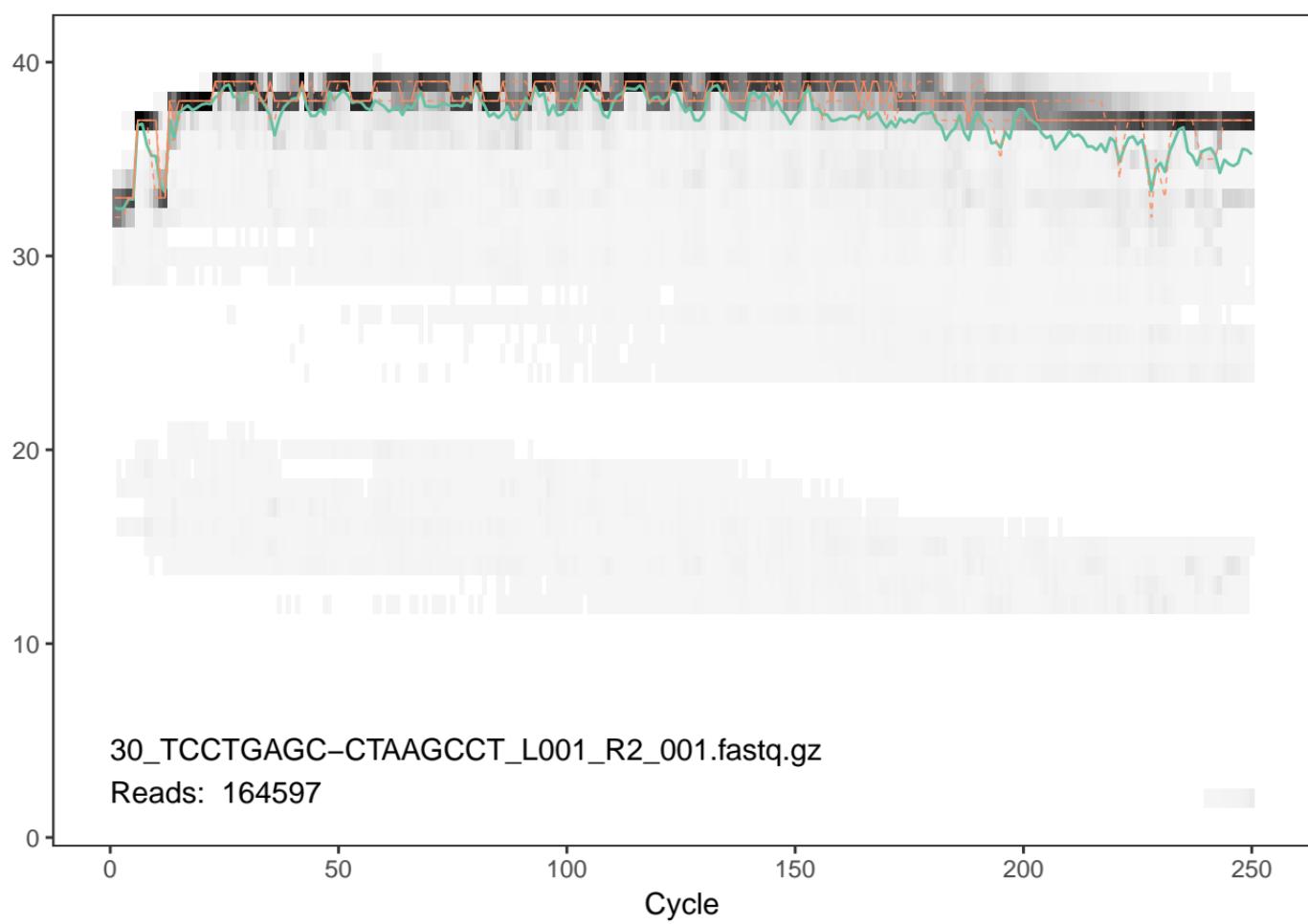
3_TAAGGCGA-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 55925



Rev

Quality Score



Rev

Quality Score

40

30

20

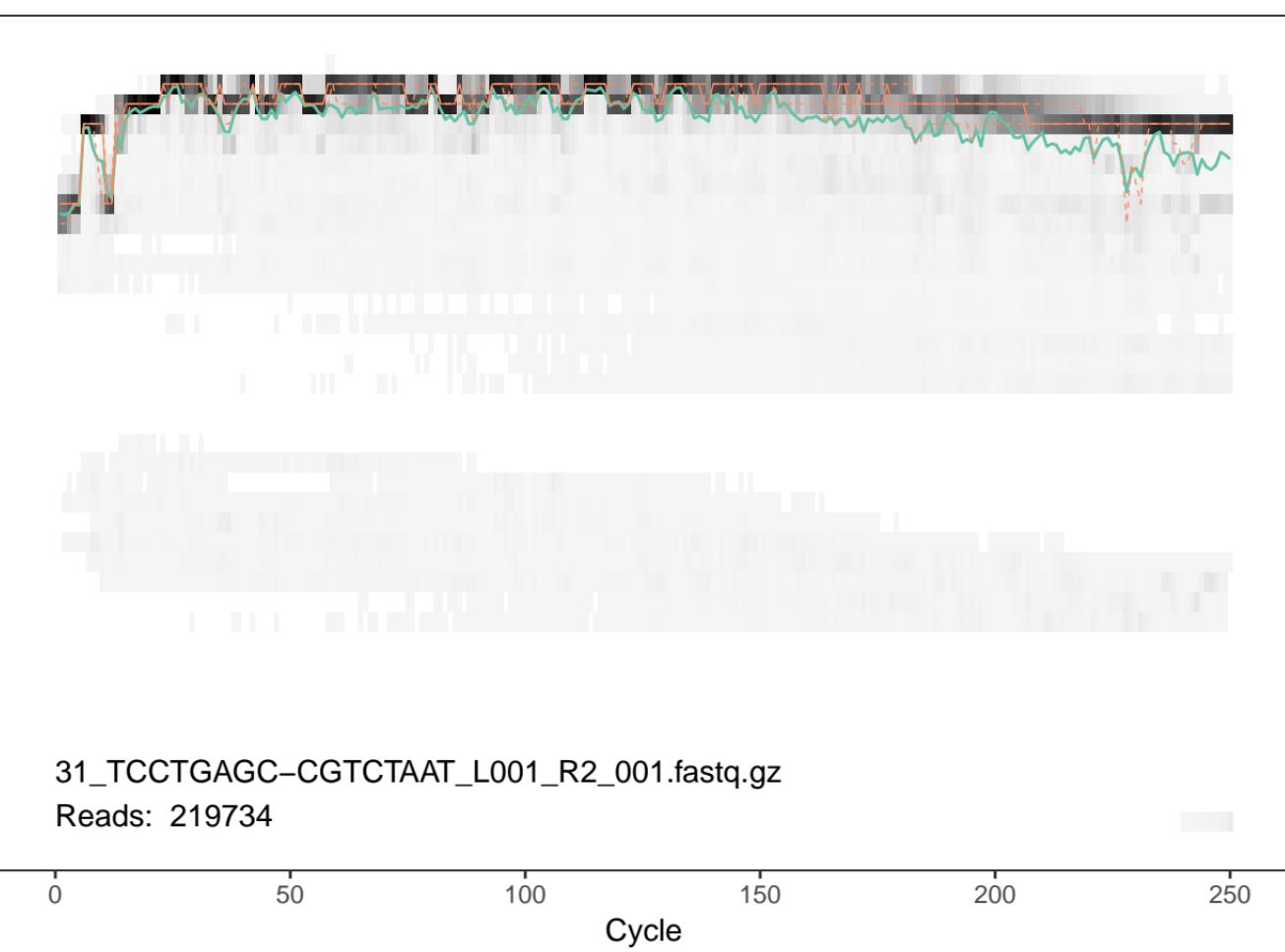
10

0

Cycle

31_TCCTGAGC-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 219734



Rev

Quality Score

40

30

20

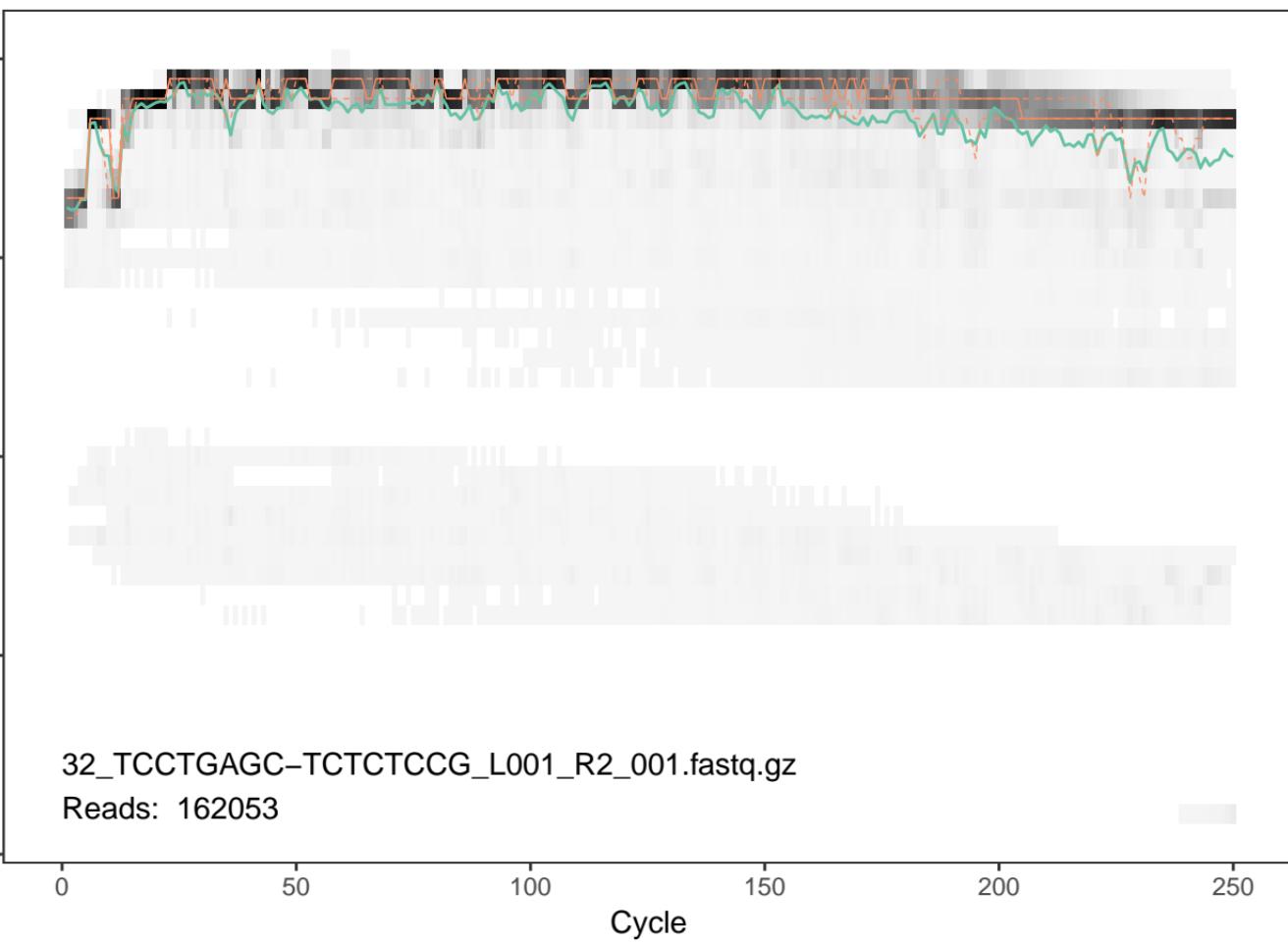
10

0

Cycle

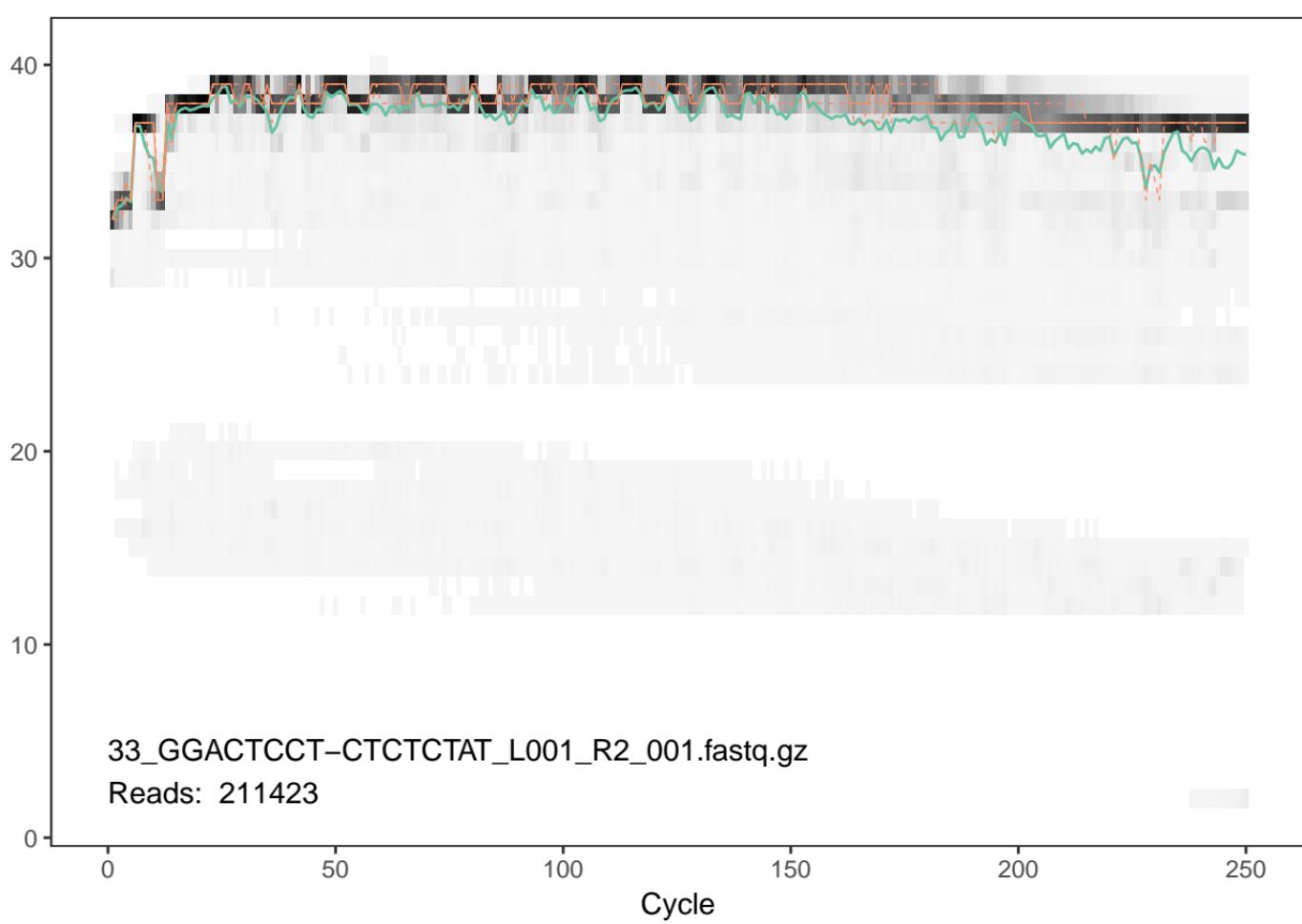
32_TCCTGAGC-TCTCTCCG_L001_R2_001.fastq.gz

Reads: 162053



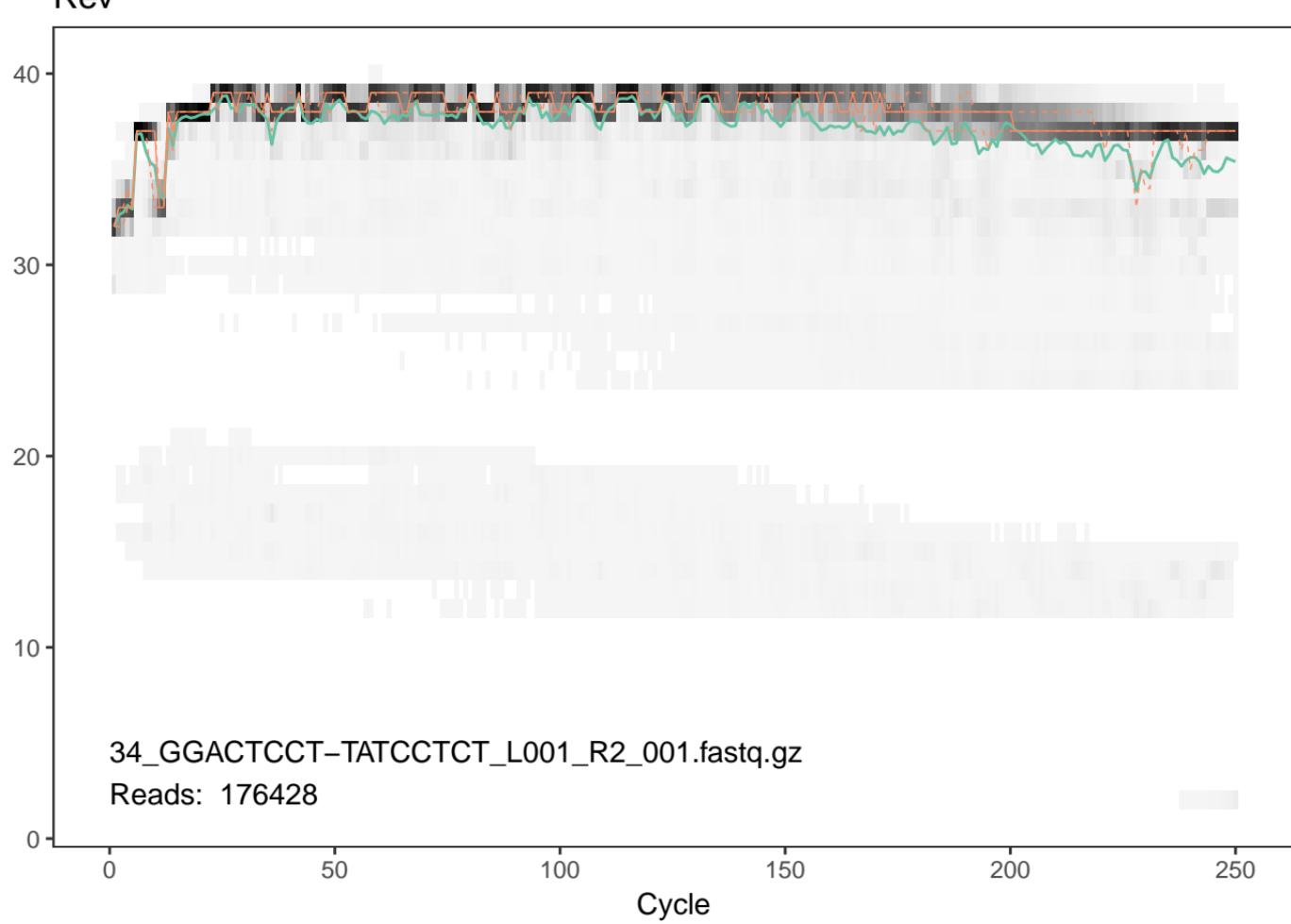
Rev

Quality Score



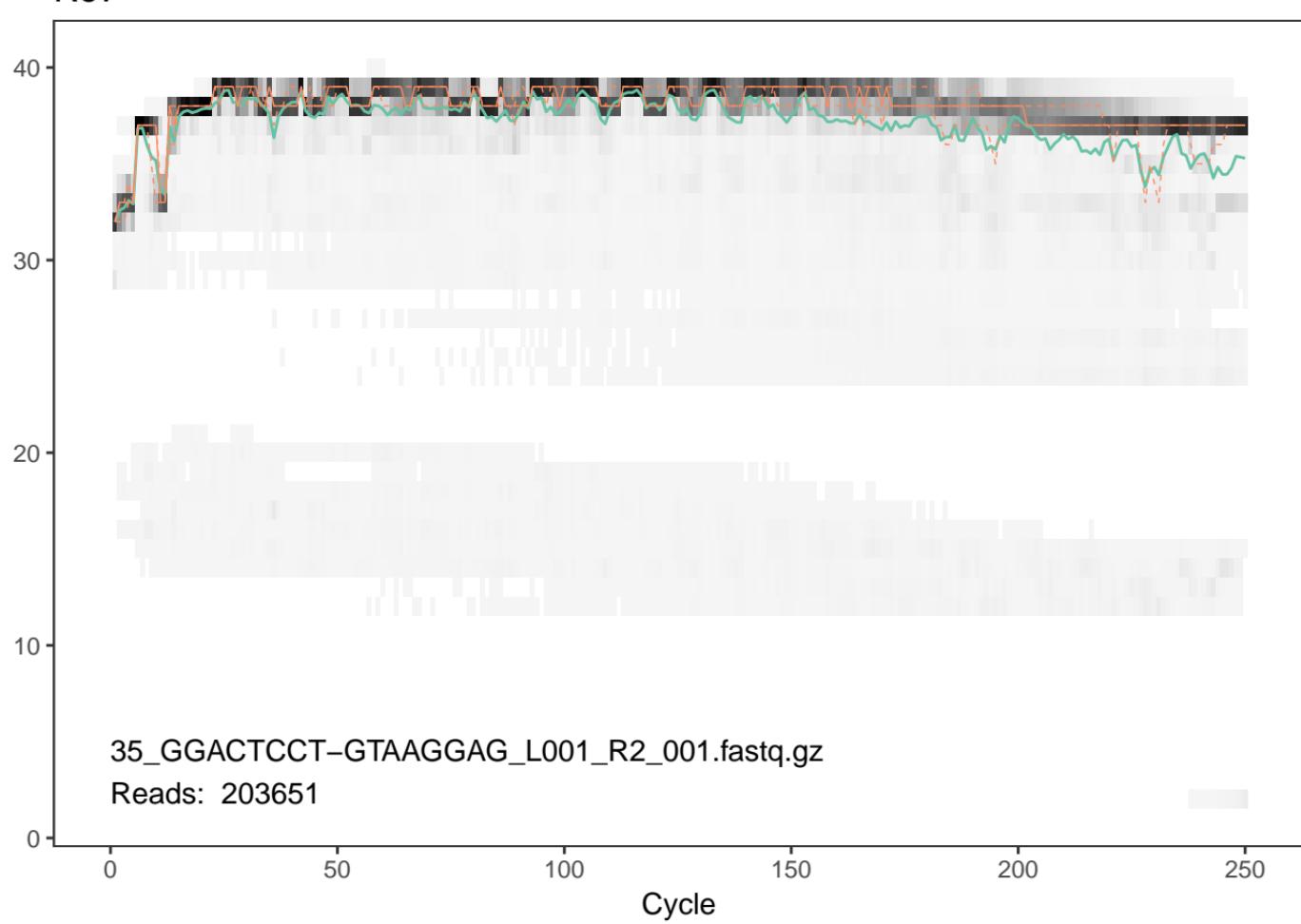
Rev

Quality Score



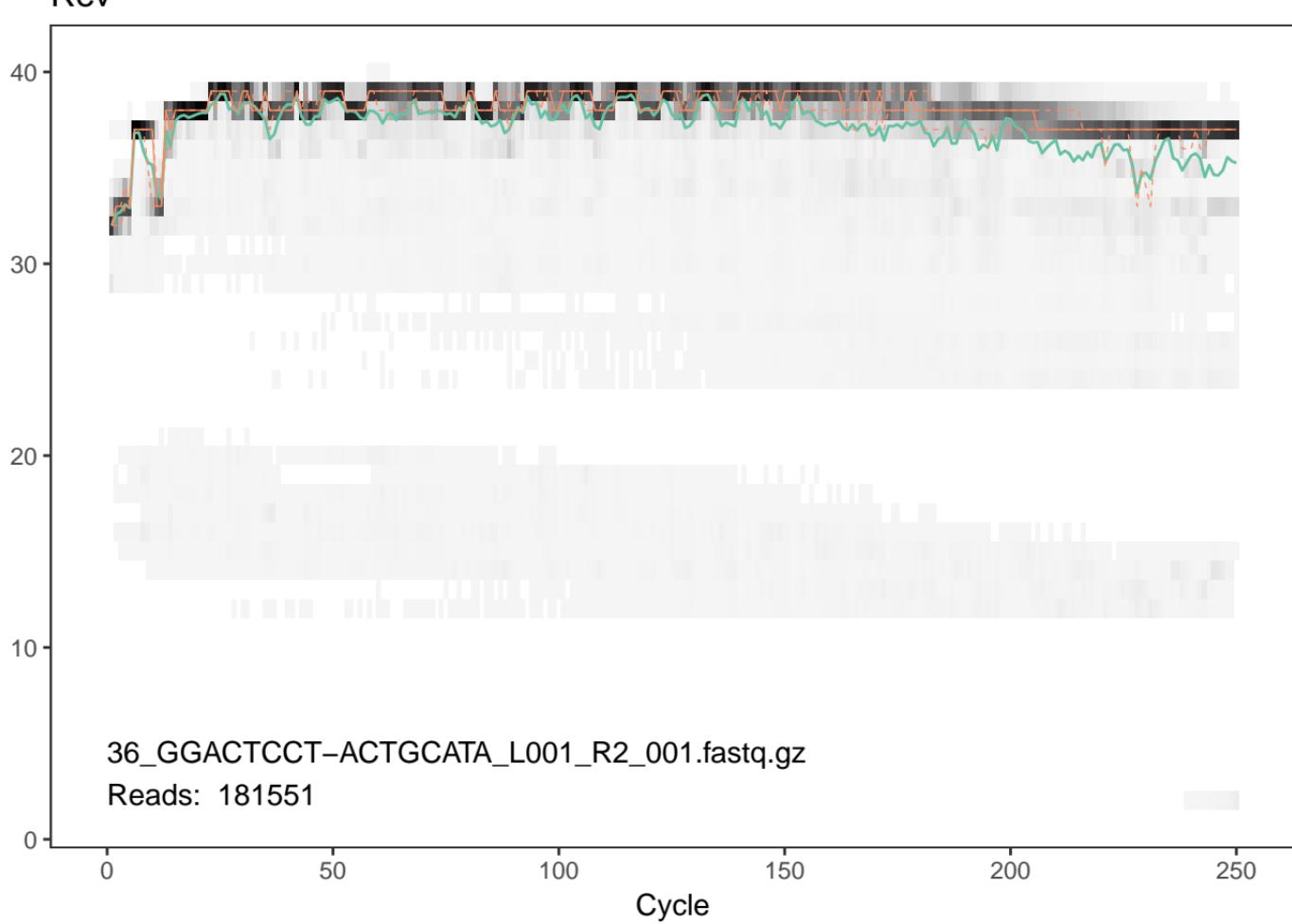
Rev

Quality Score



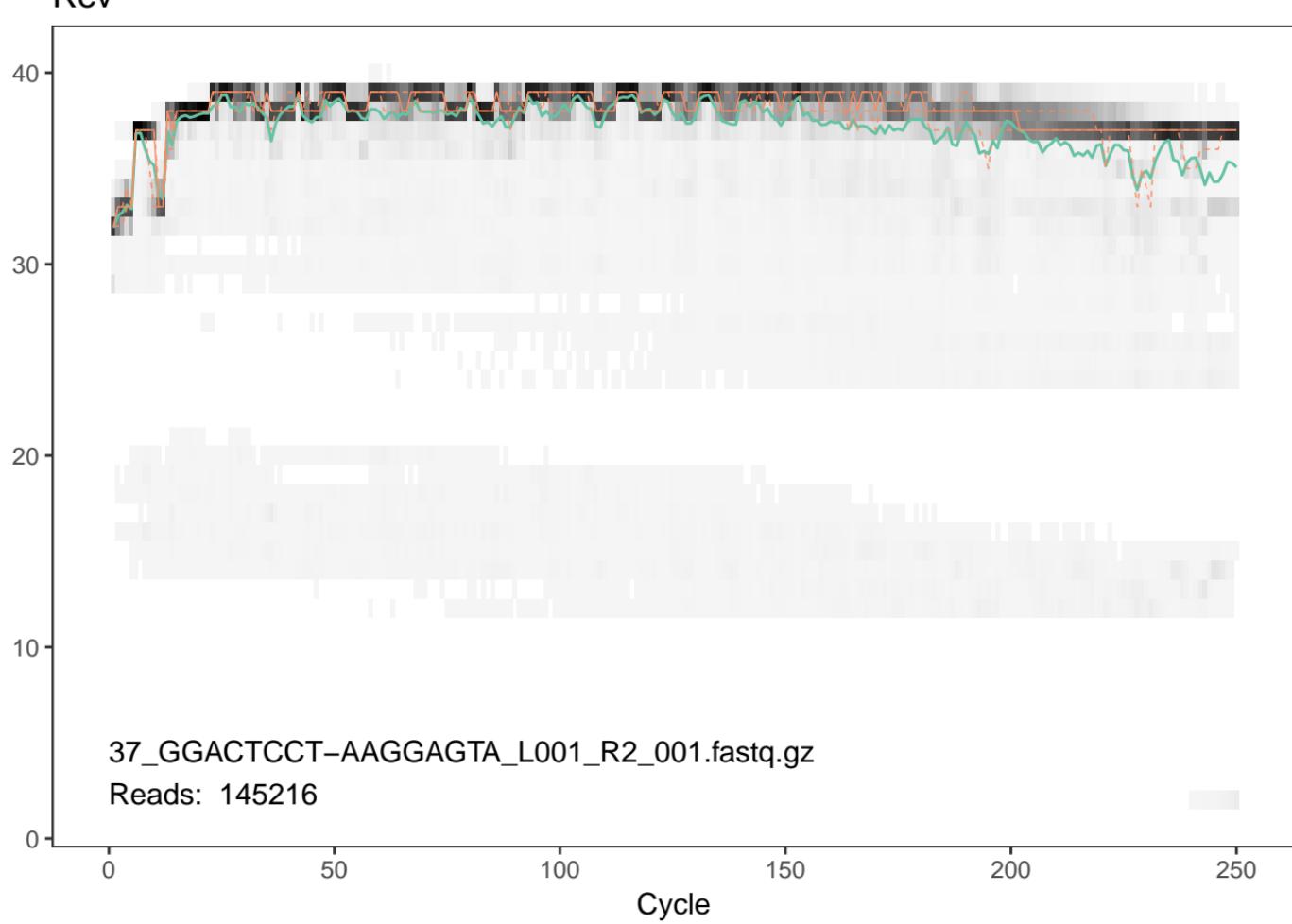
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

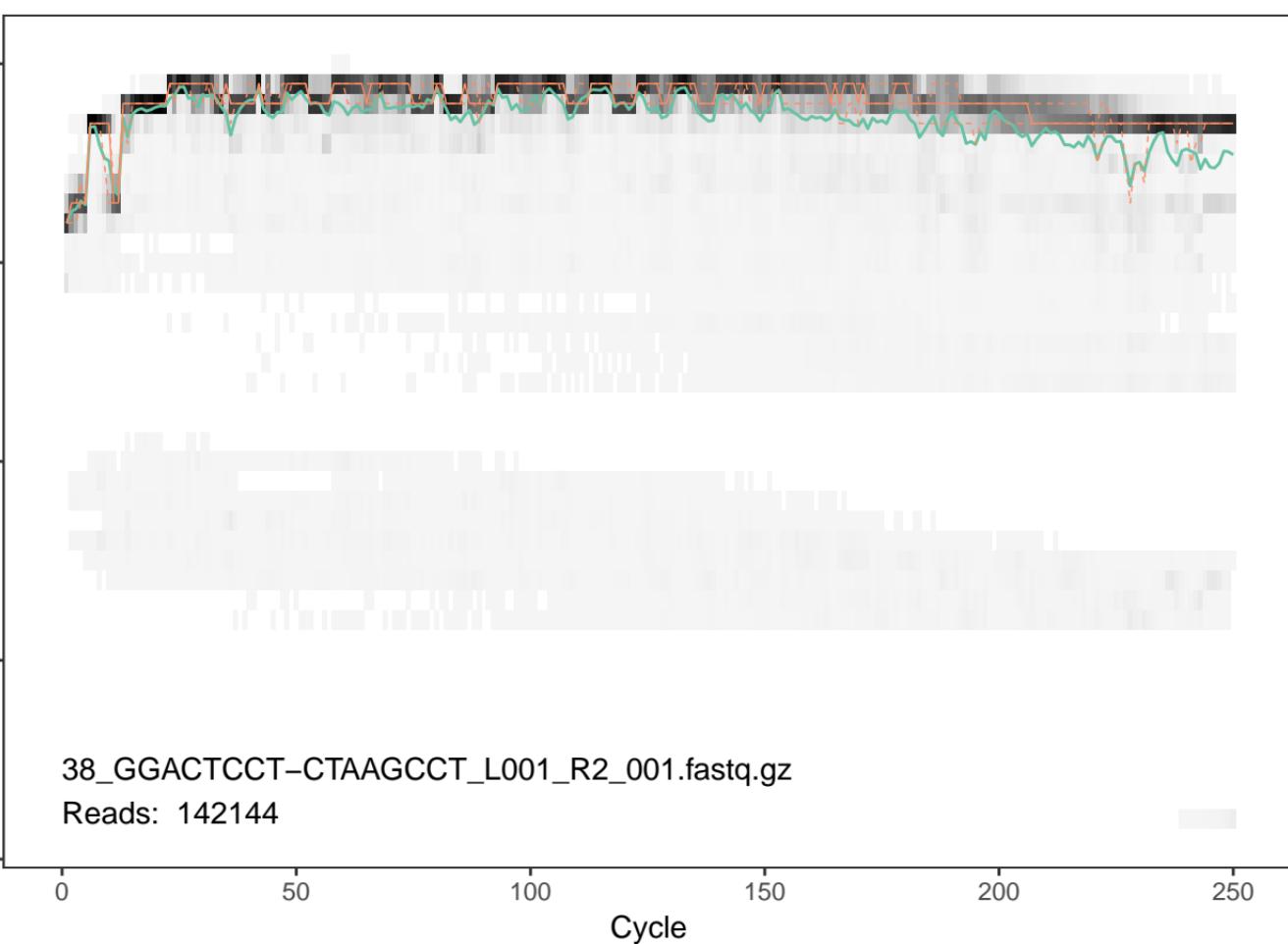
0

38_GGACTCCT-CTAACGCCT_L001_R2_001.fastq.gz

Reads: 142144

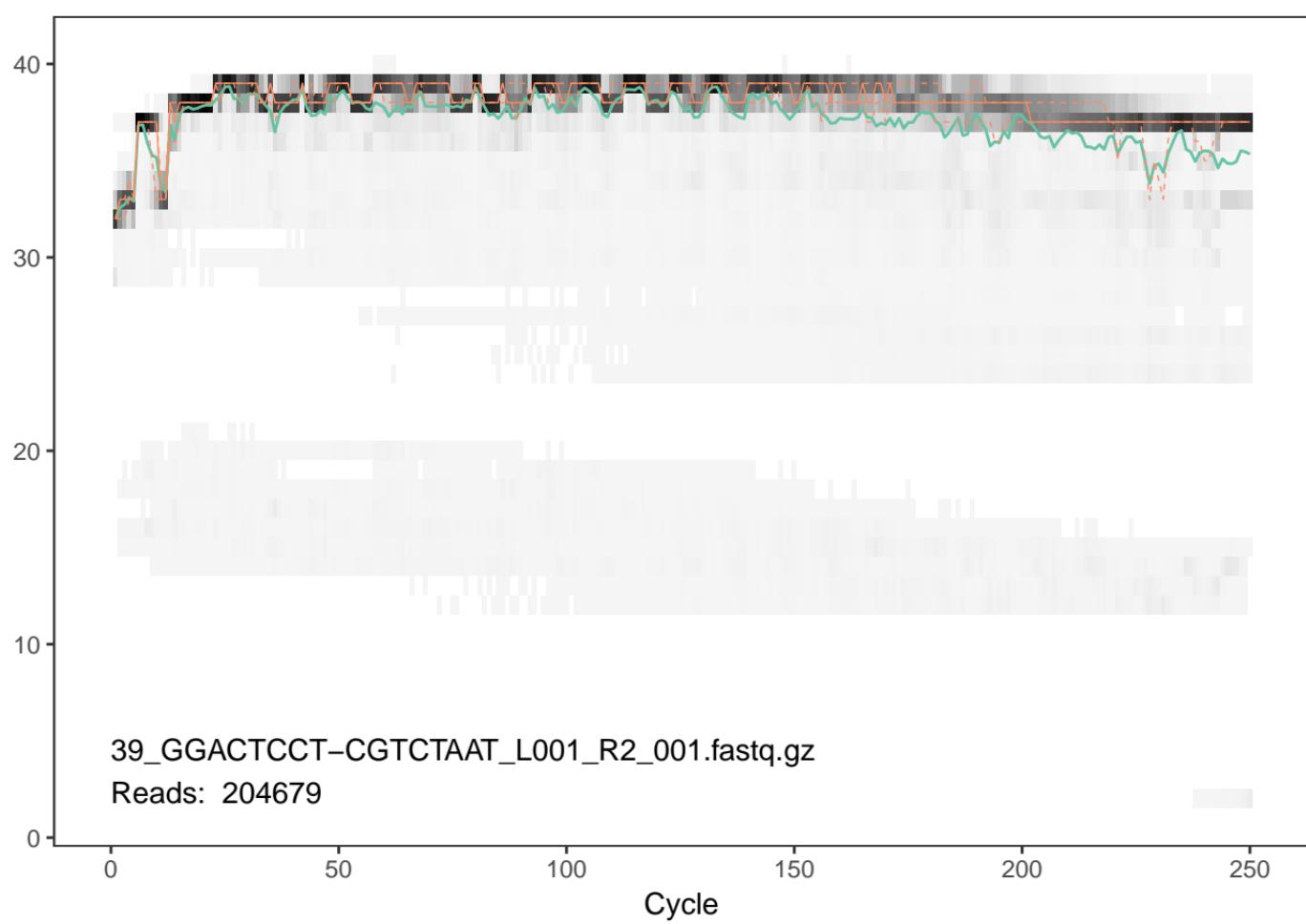
Cycle

0 50 100 150 200 250



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

4_TAAGGCGA-ACTGCATA_L001_R2_001.fastq.gz

Reads: 136755

0

50

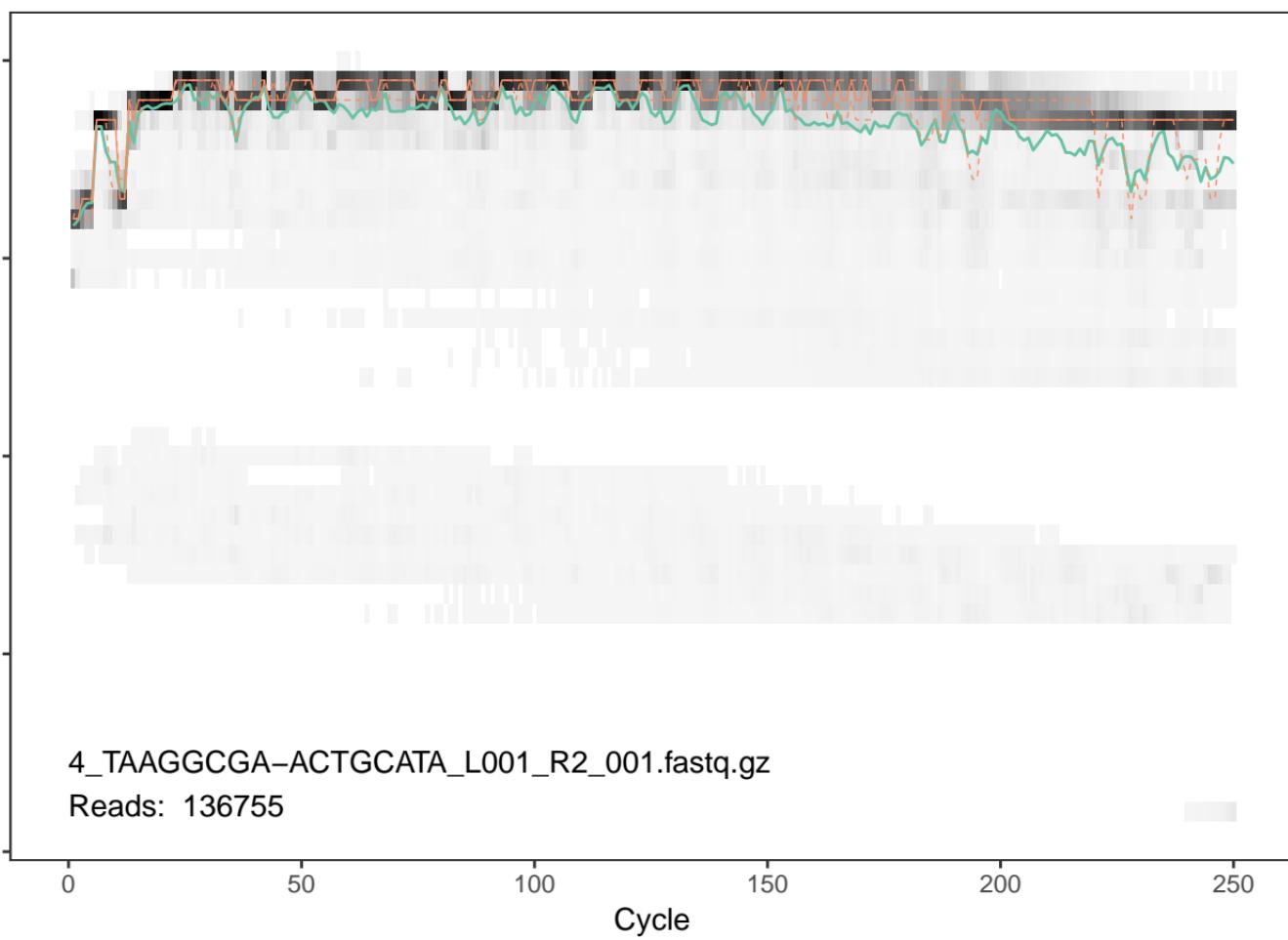
100

150

200

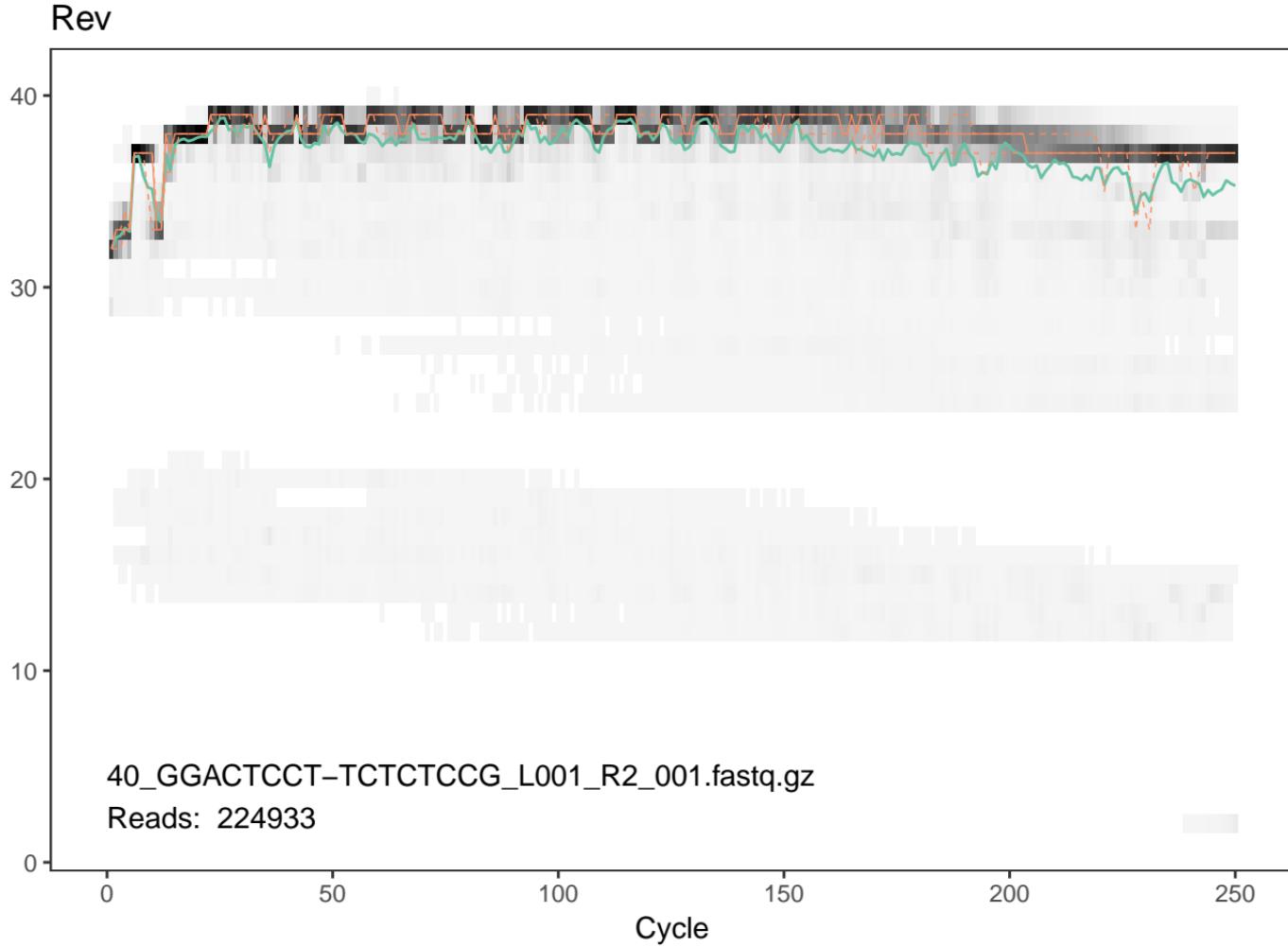
250

Cycle



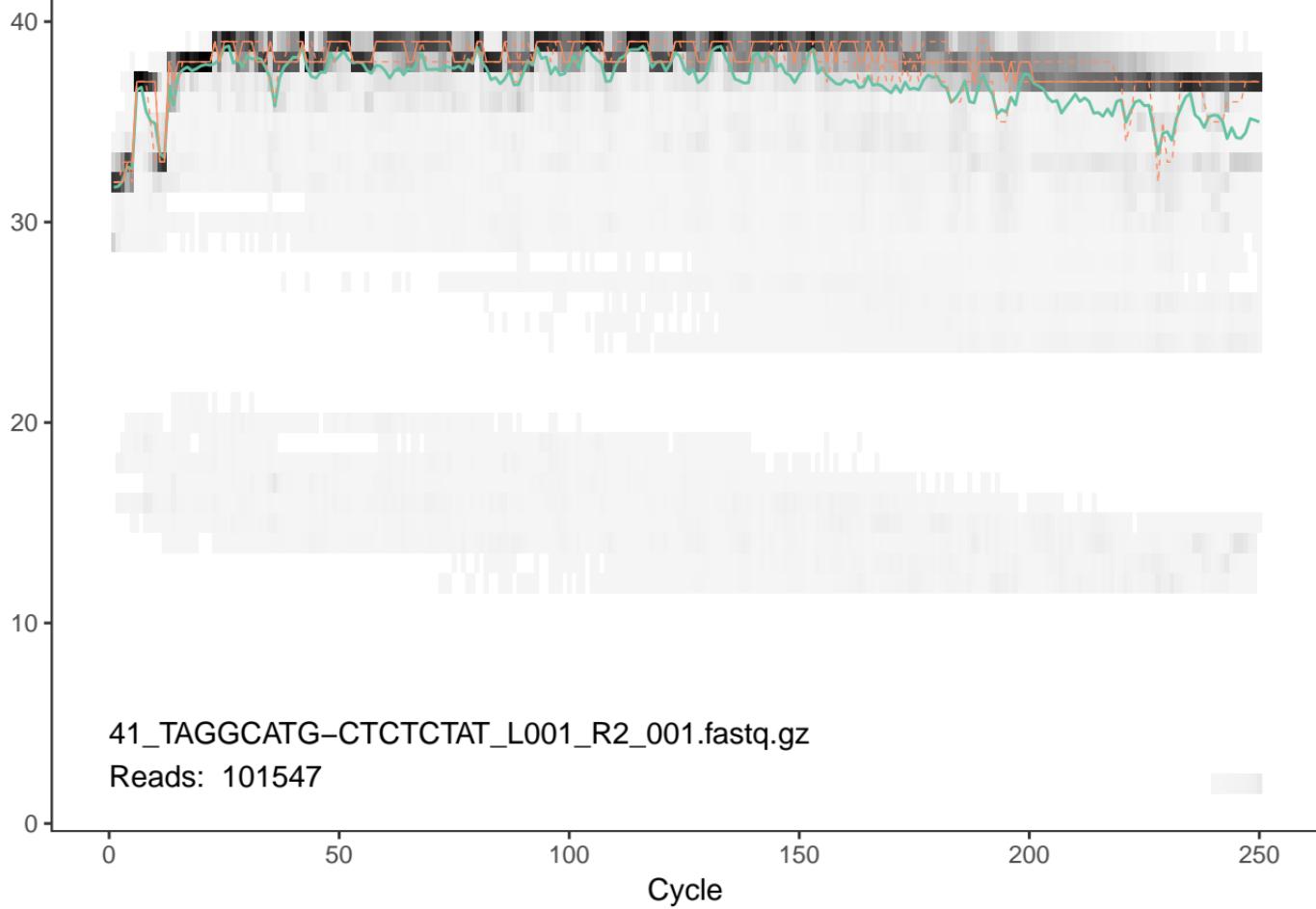
Rev

Quality Score



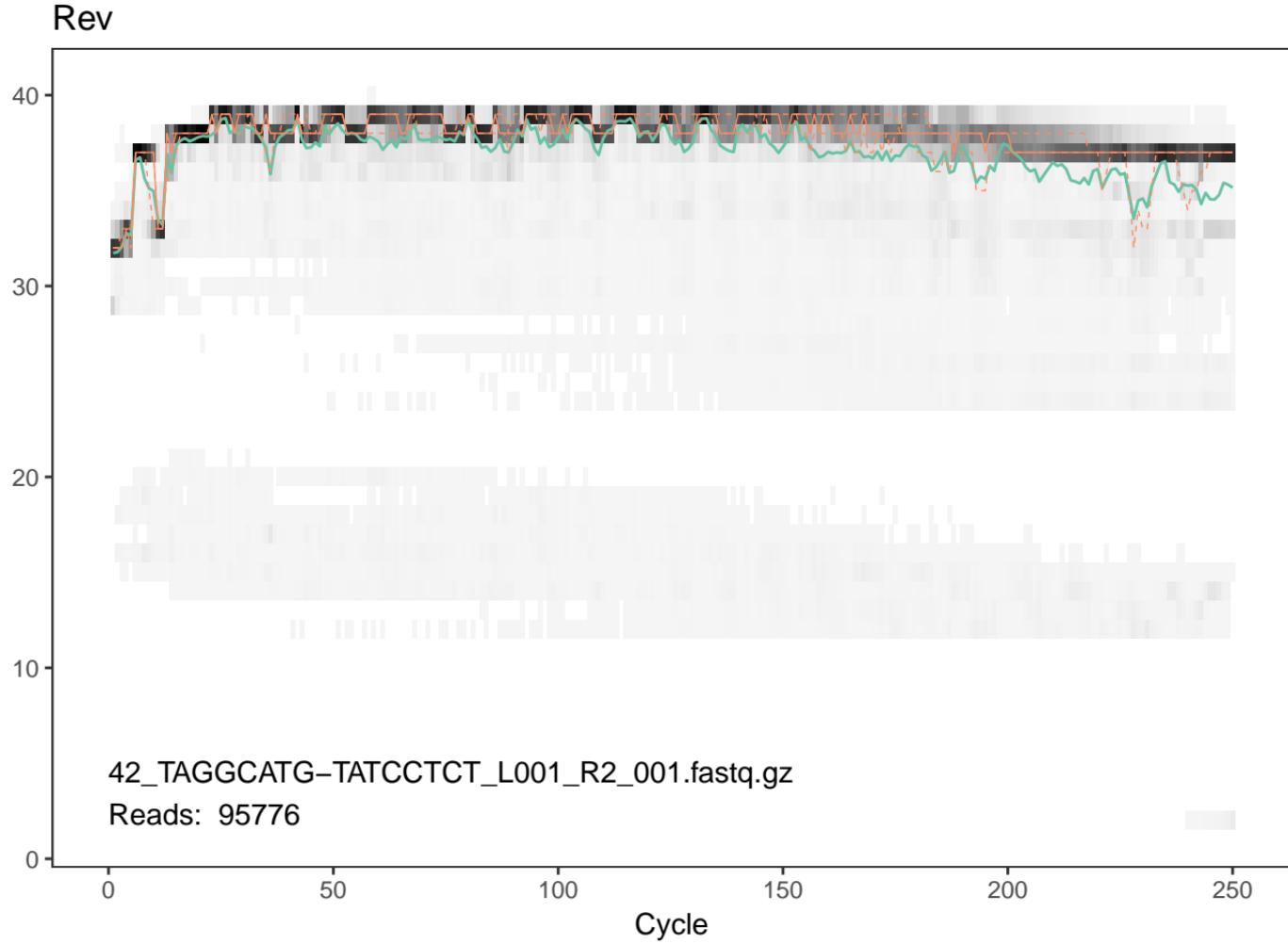
Rev

Quality Score



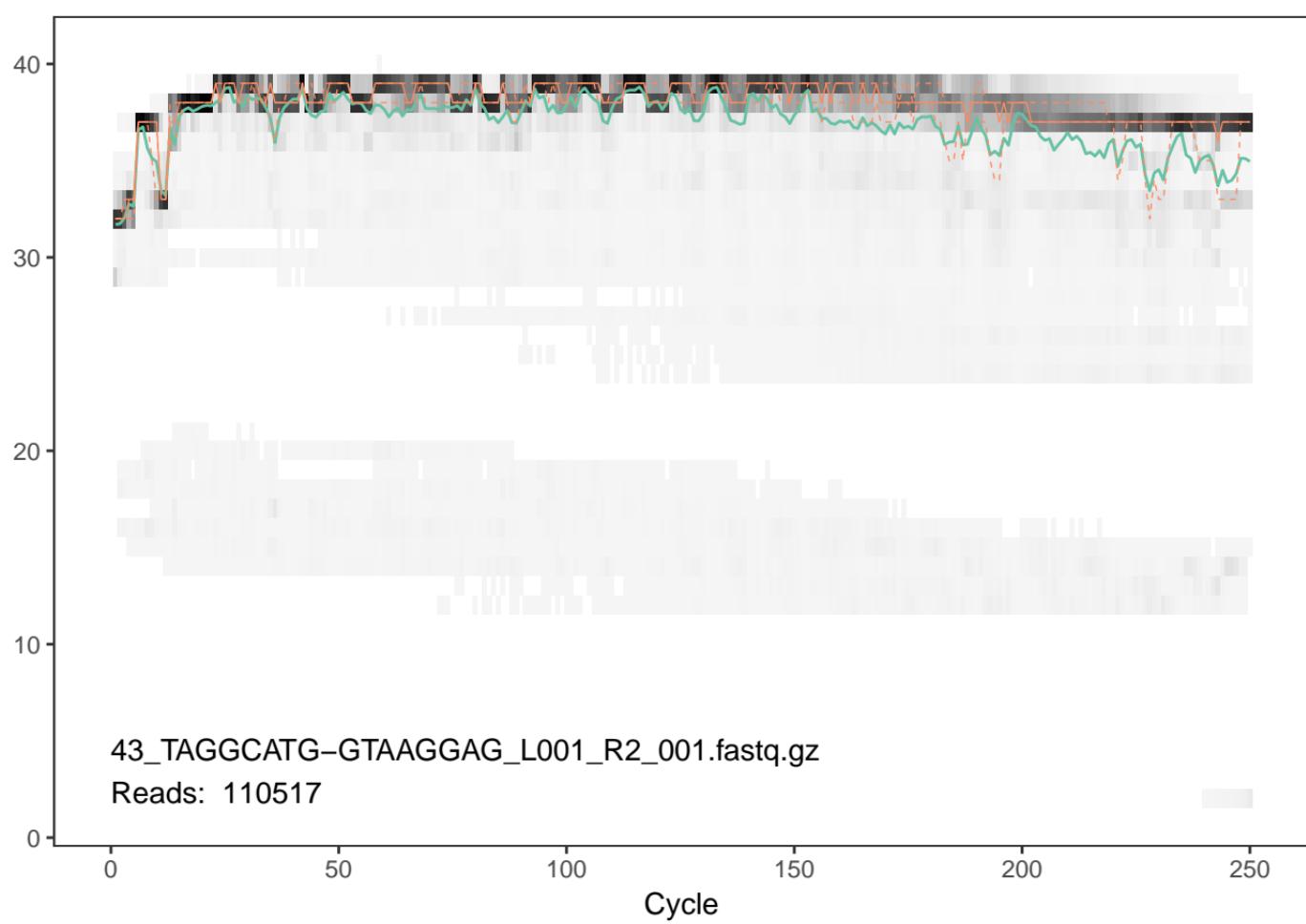
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

44_TAGGCATG-ACTGCATA_L001_R2_001.fastq.gz

Reads: 149471

0

50

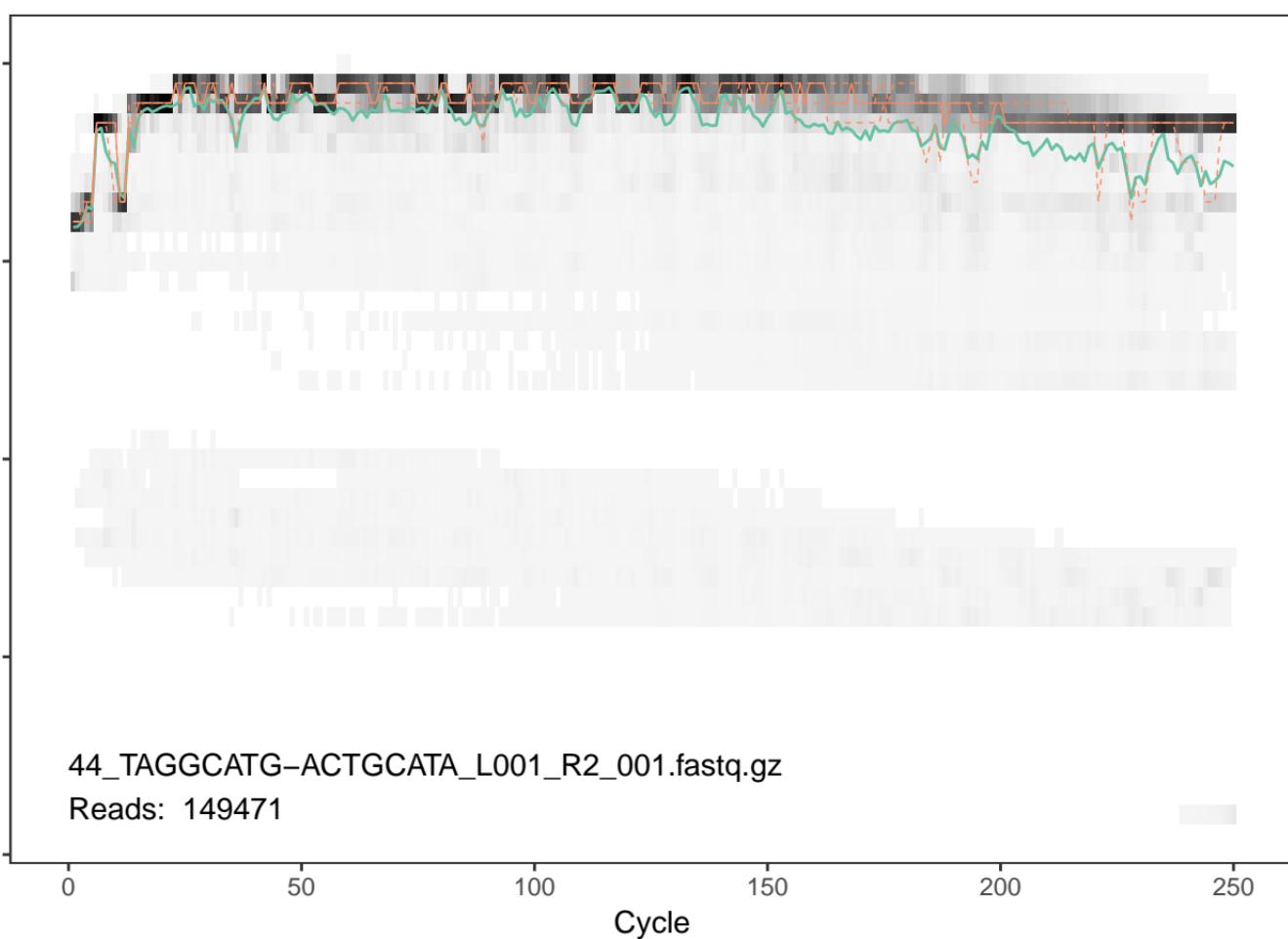
100

150

200

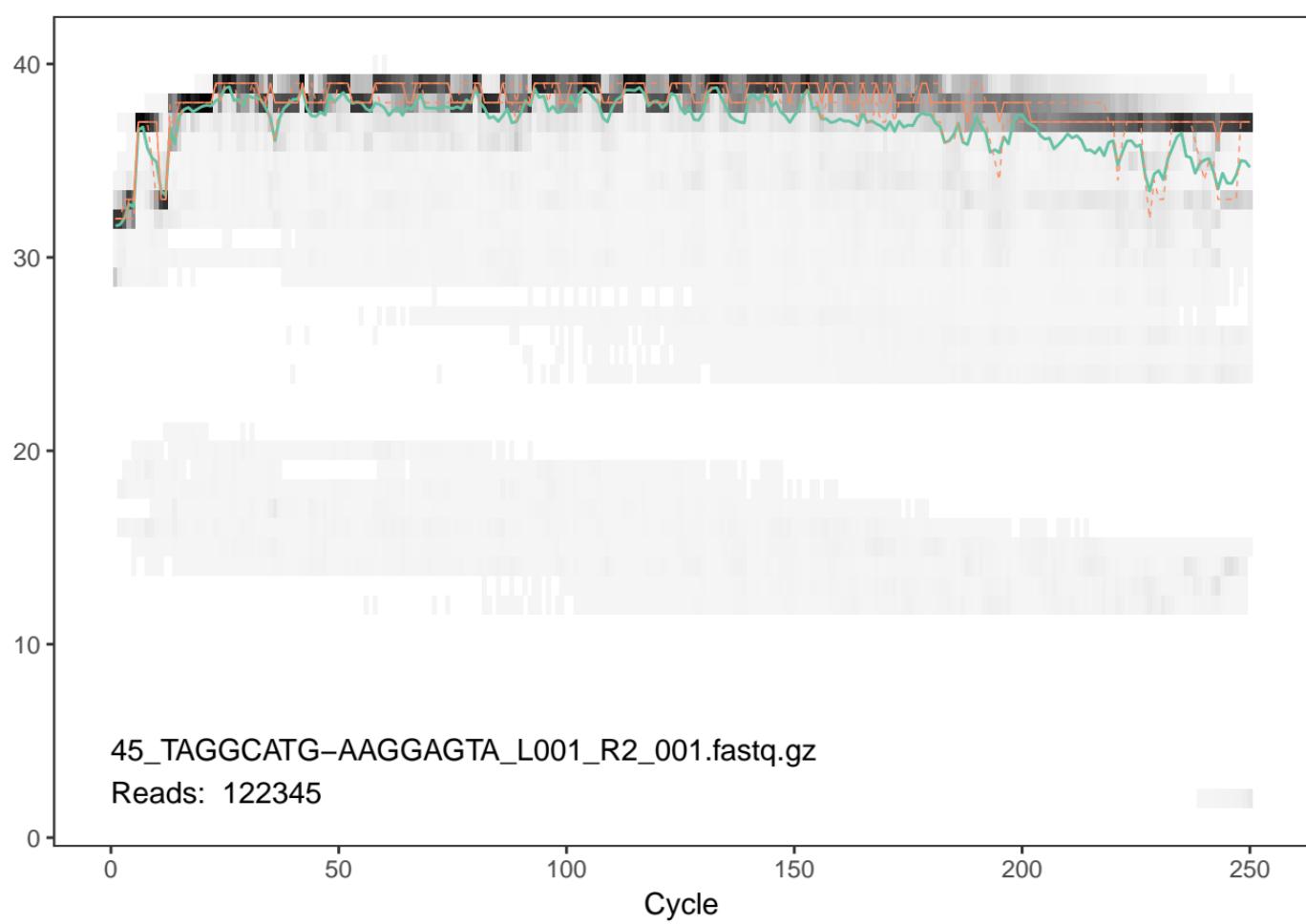
250

Cycle



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

46_TAGGCATG-CTAAGCCT_L001_R2_001.fastq.gz

Reads: 91610

0

50

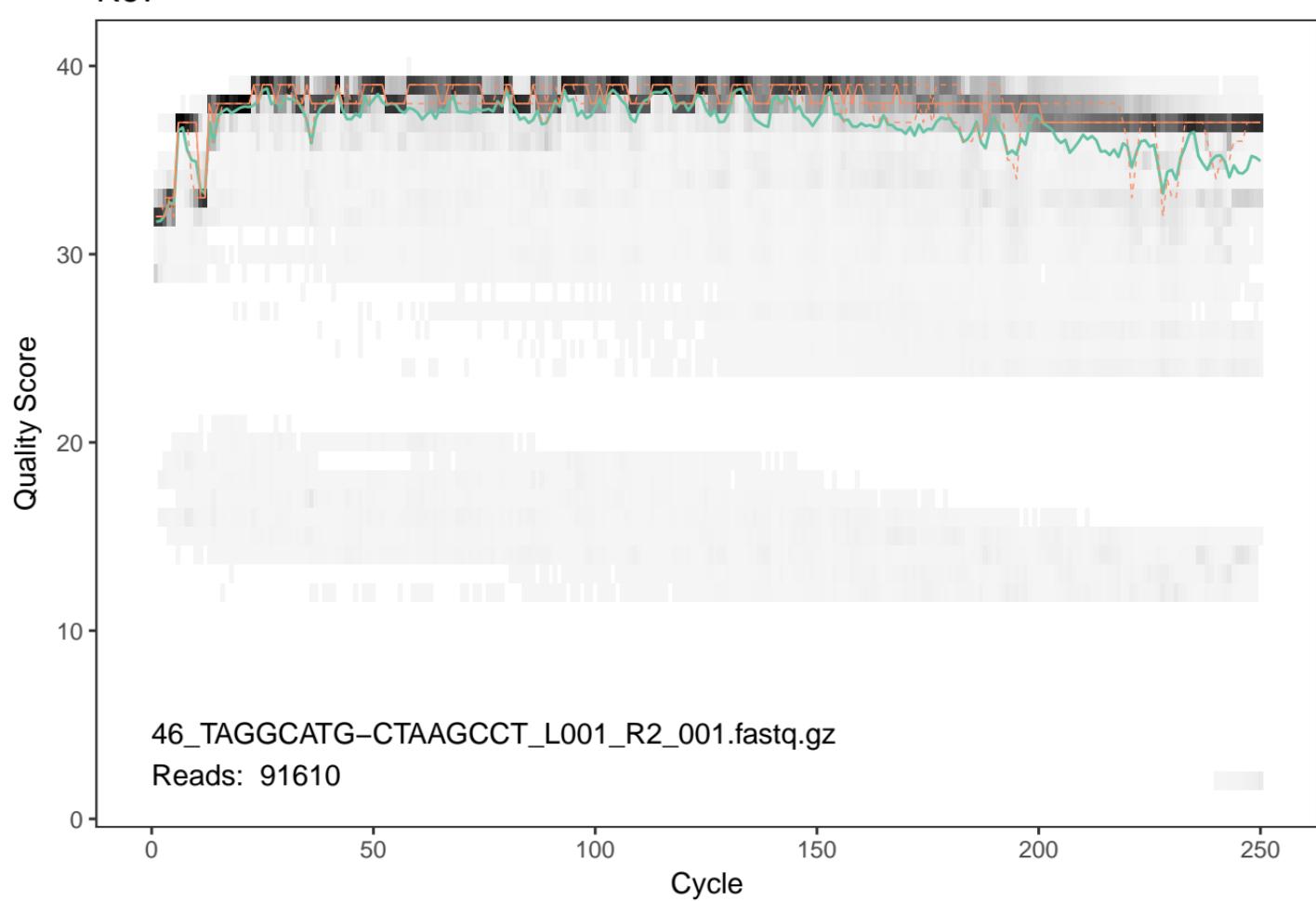
100

150

200

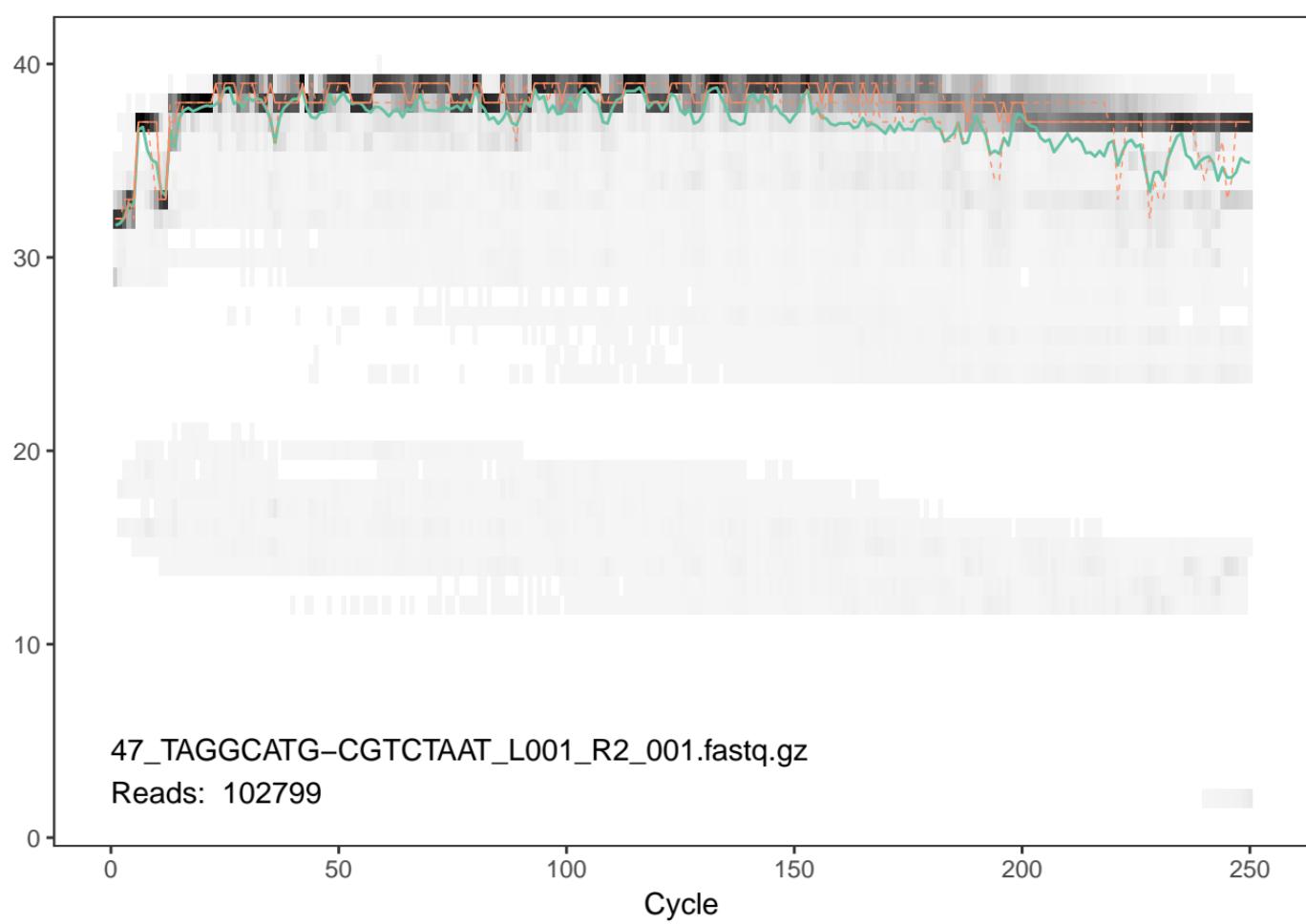
250

Cycle



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

48_TAGGCATG-TCTCTCCG_L001_R2_001.fastq.gz

Reads: 148036

0

50

100

150

200

250

Cycle

0

50

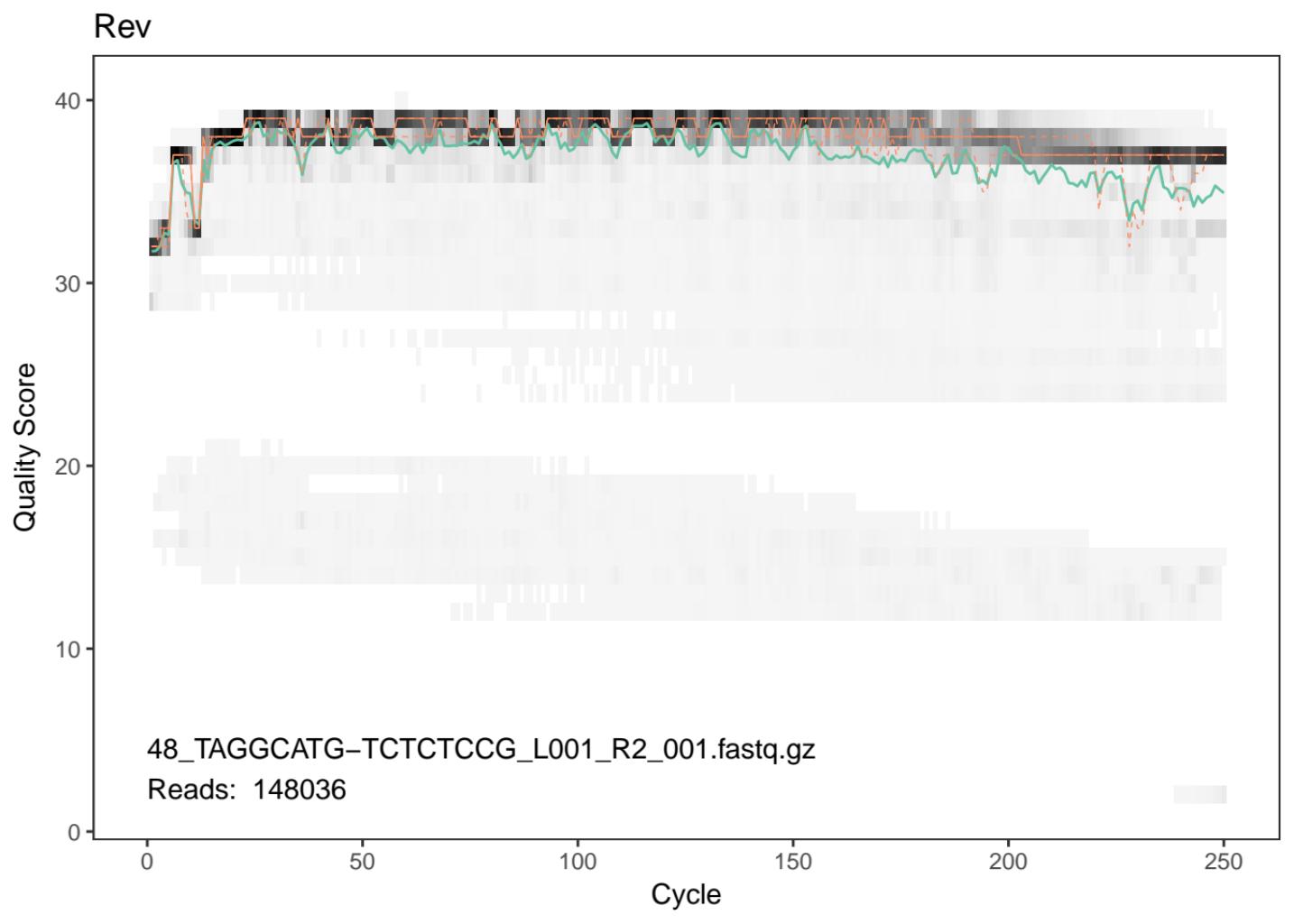
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

10

0

50

100

150

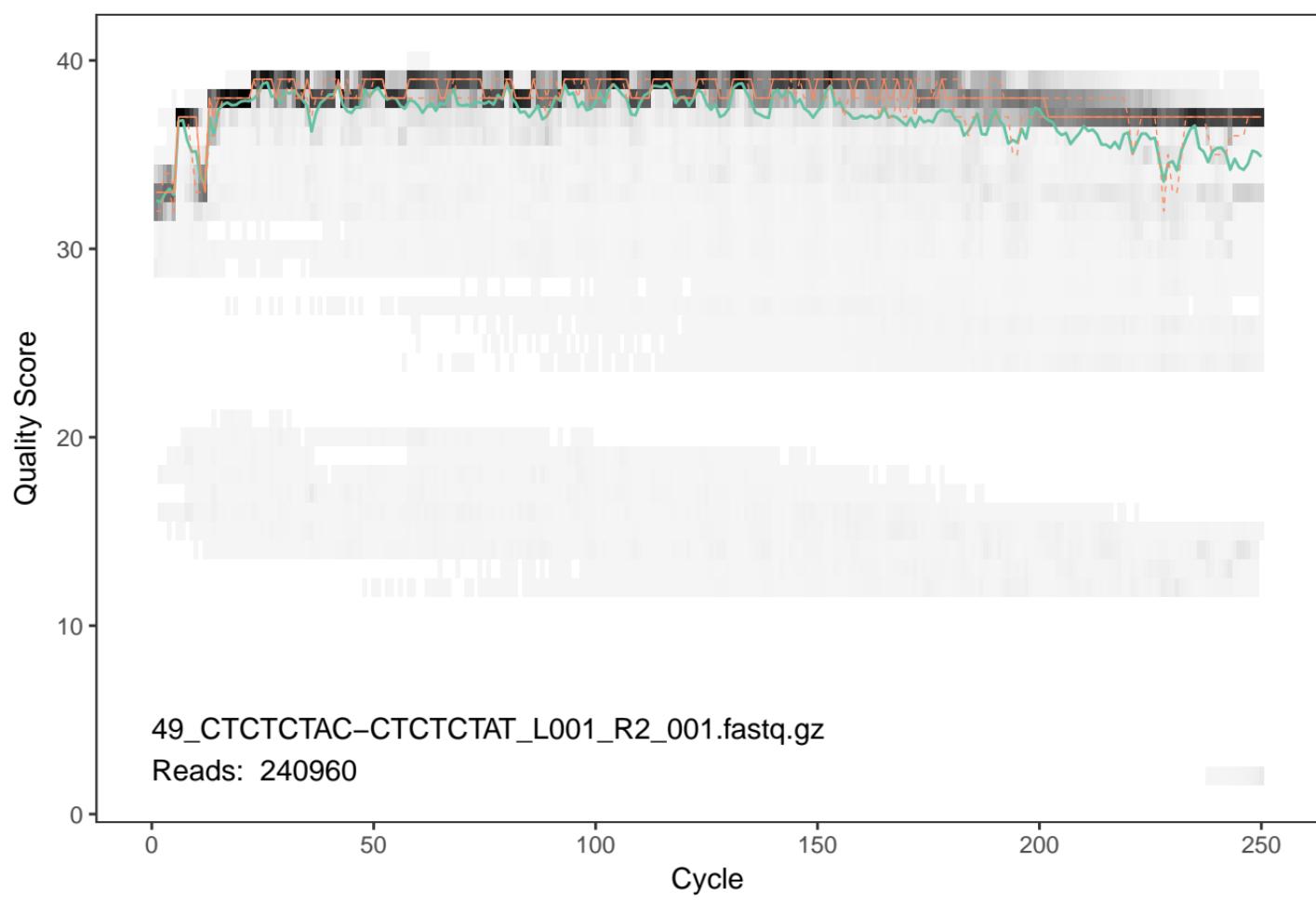
200

250

Cycle

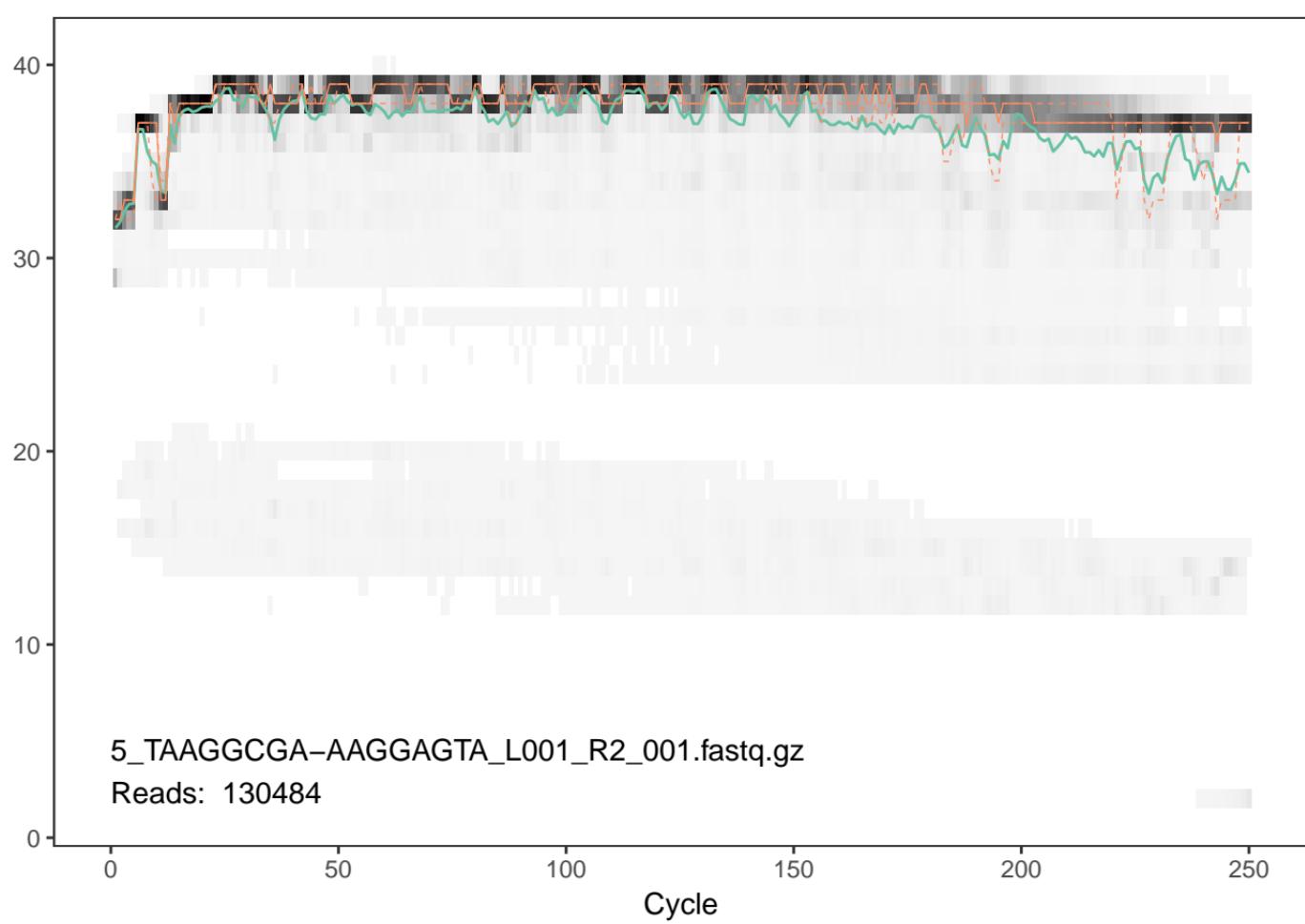
49_CTCTCTAC-CTCTCTAT_L001_R2_001.fastq.gz

Reads: 240960



Rev

Quality Score



Rev

Quality Score

40

30

20

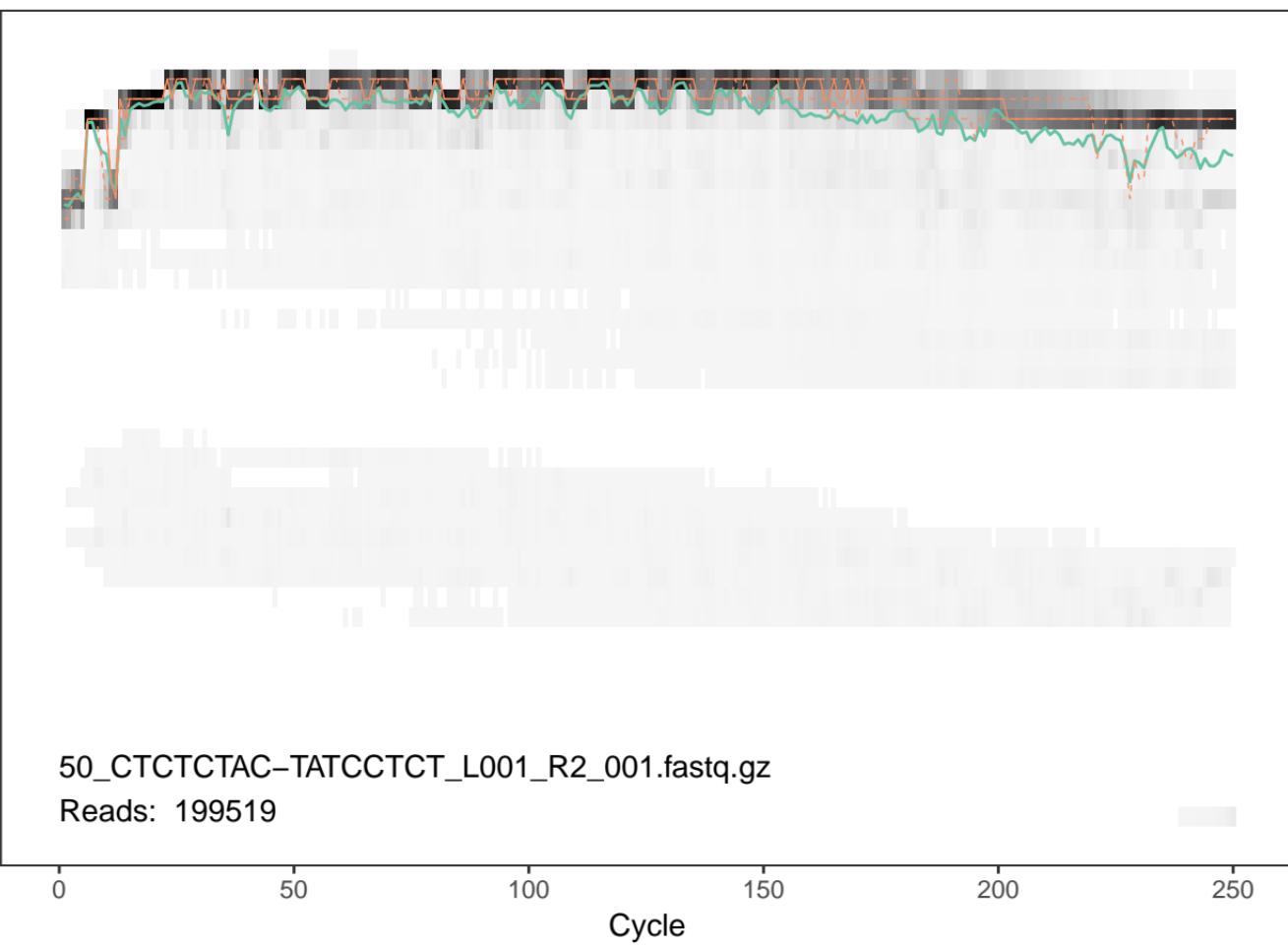
10

0

Cycle

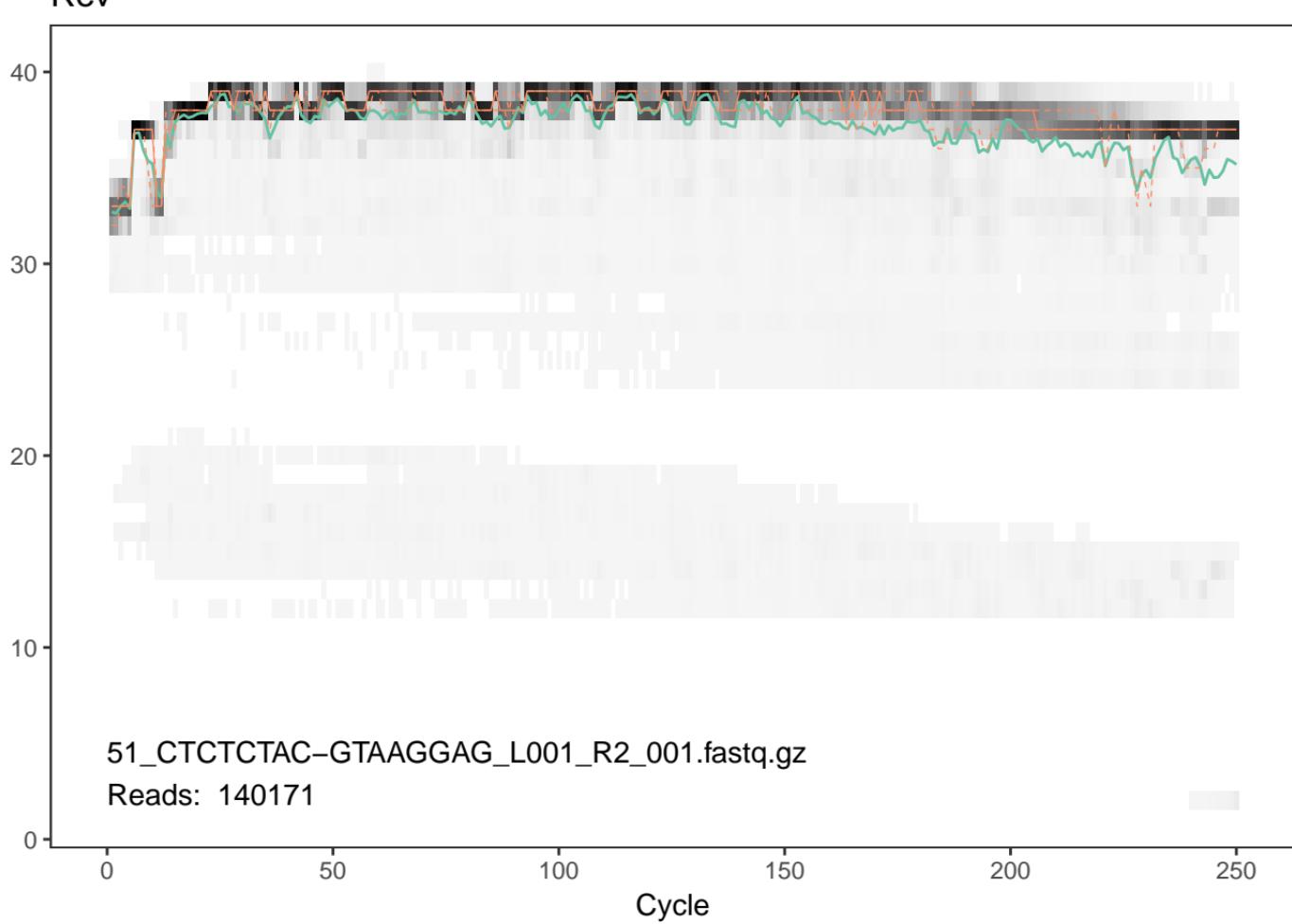
50_C TCTCTAC-TATCCTCT_L001_R2_001.fastq.gz

Reads: 199519



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

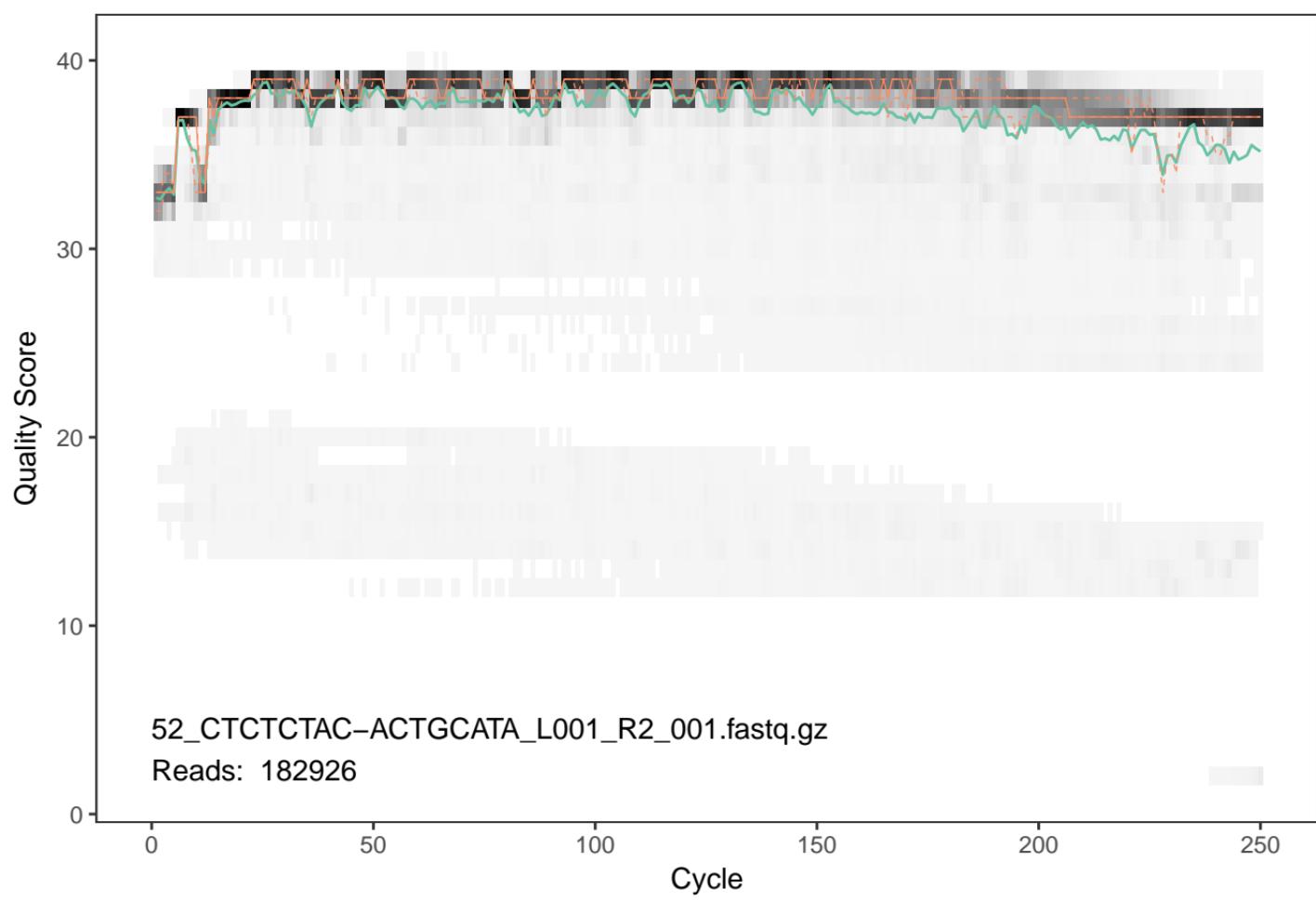
200

250

Cycle

52_C TCTCTAC-ACTGCATA_L001_R2_001.fastq.gz

Reads: 182926



Rev

Quality Score

40

30

20

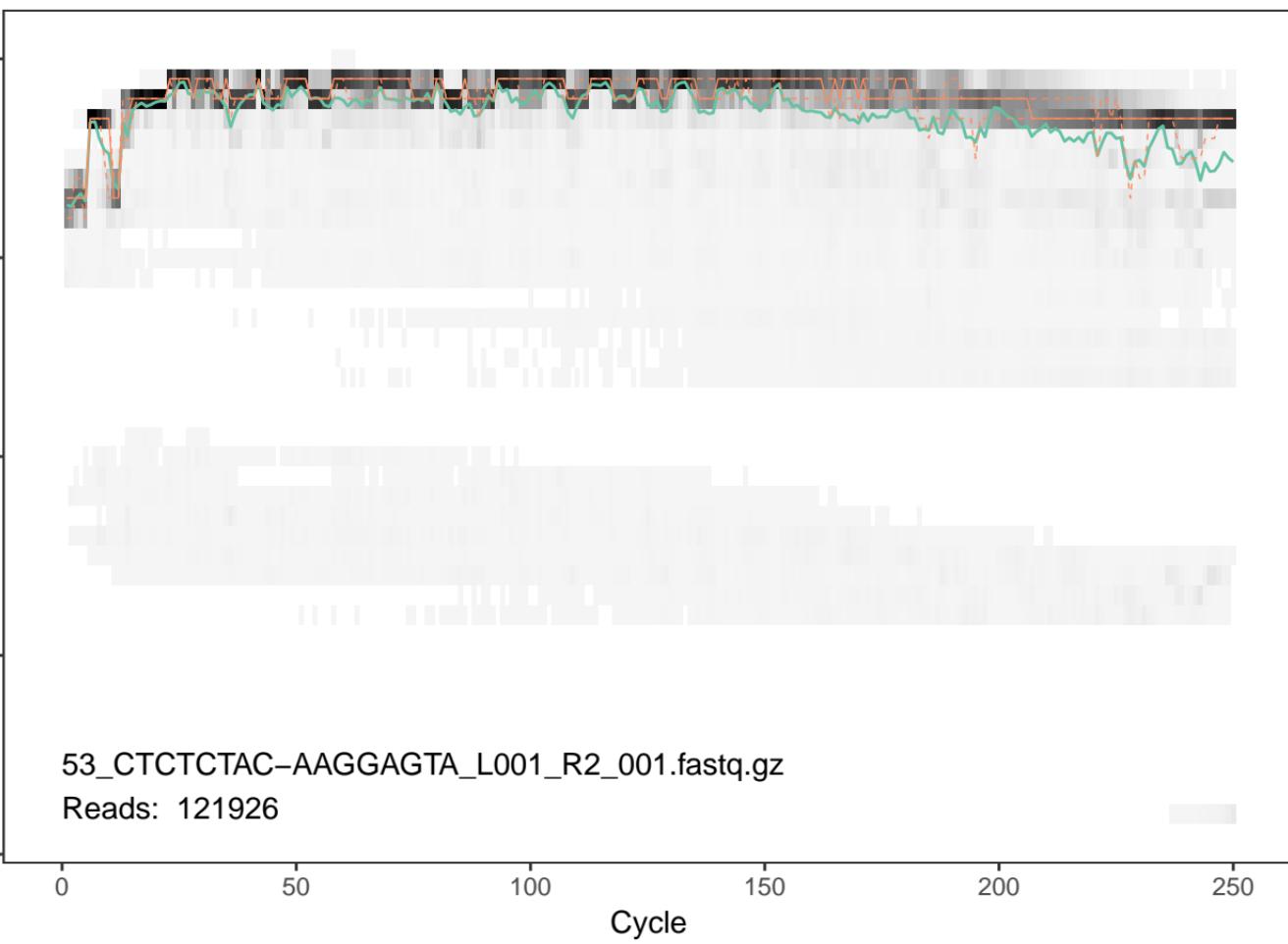
10

0

Cycle

53_C TCTCTAC-AAGGAGTA_L001_R2_001.fastq.gz

Reads: 121926



Rev

Quality Score

40

30

20

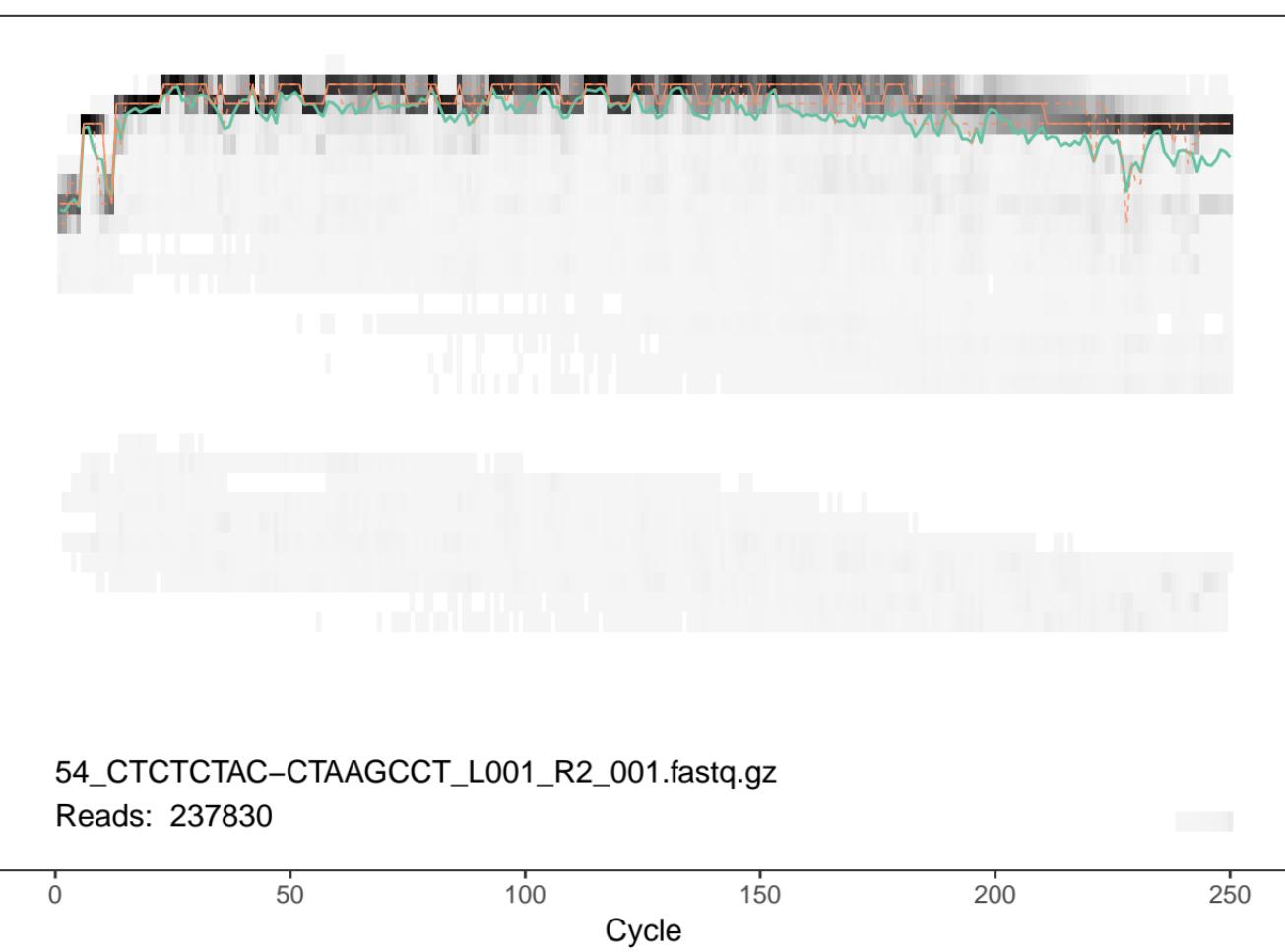
10

0

Cycle

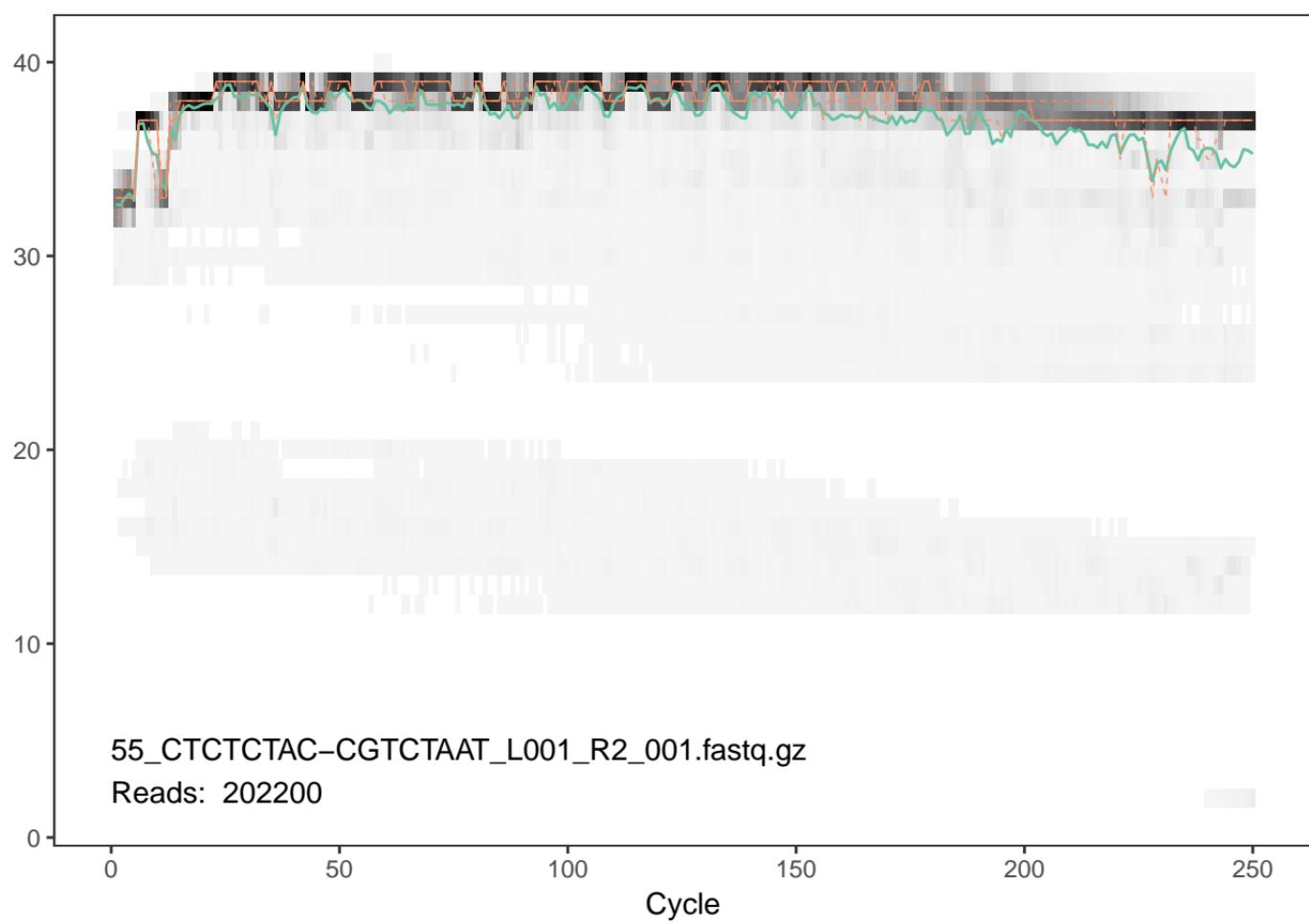
54_CTCTCTAC-CTAAGCCT_L001_R2_001.fastq.gz

Reads: 237830



Rev

Quality Score



Rev

Quality Score

40

30

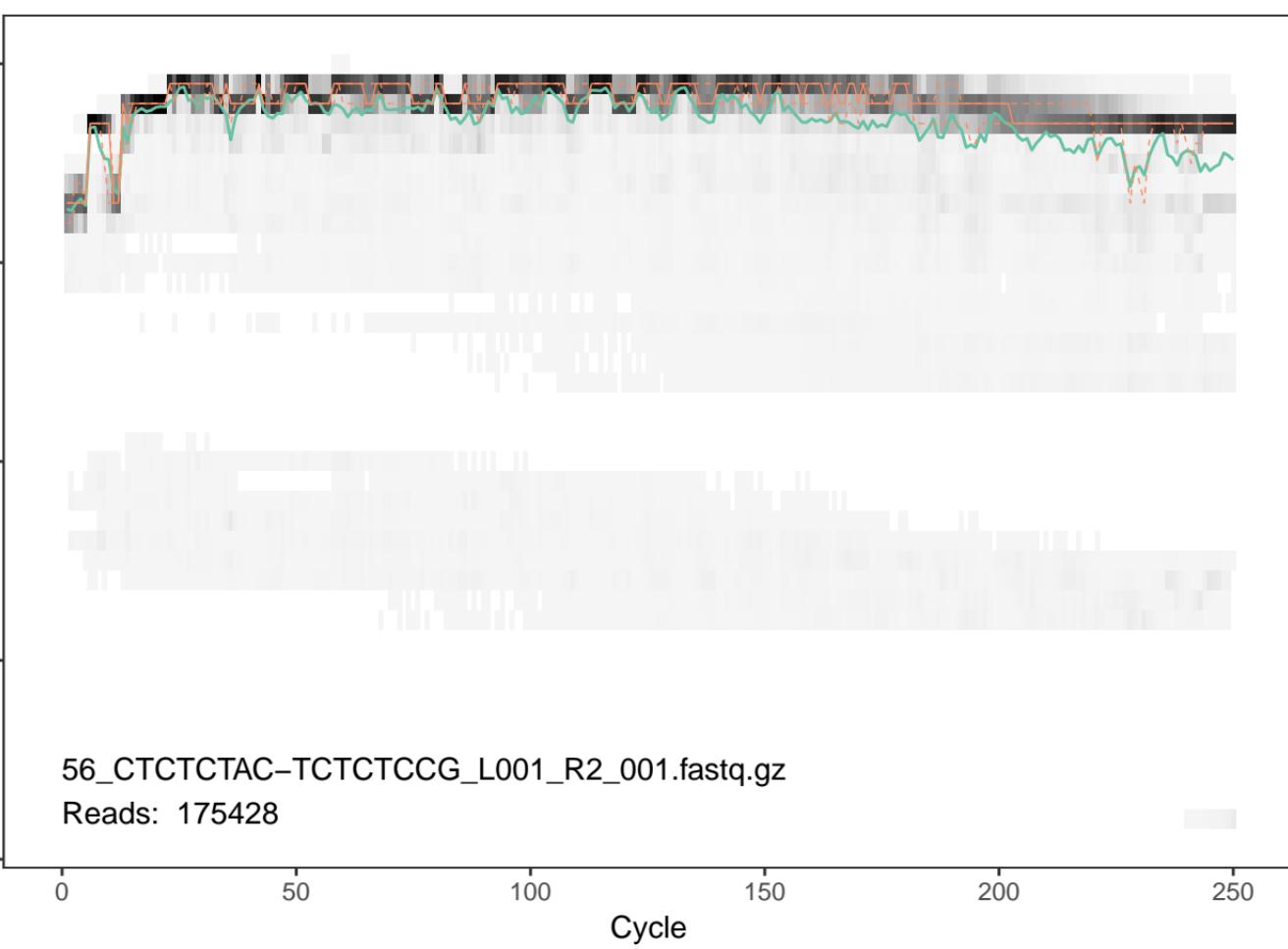
20

10

0

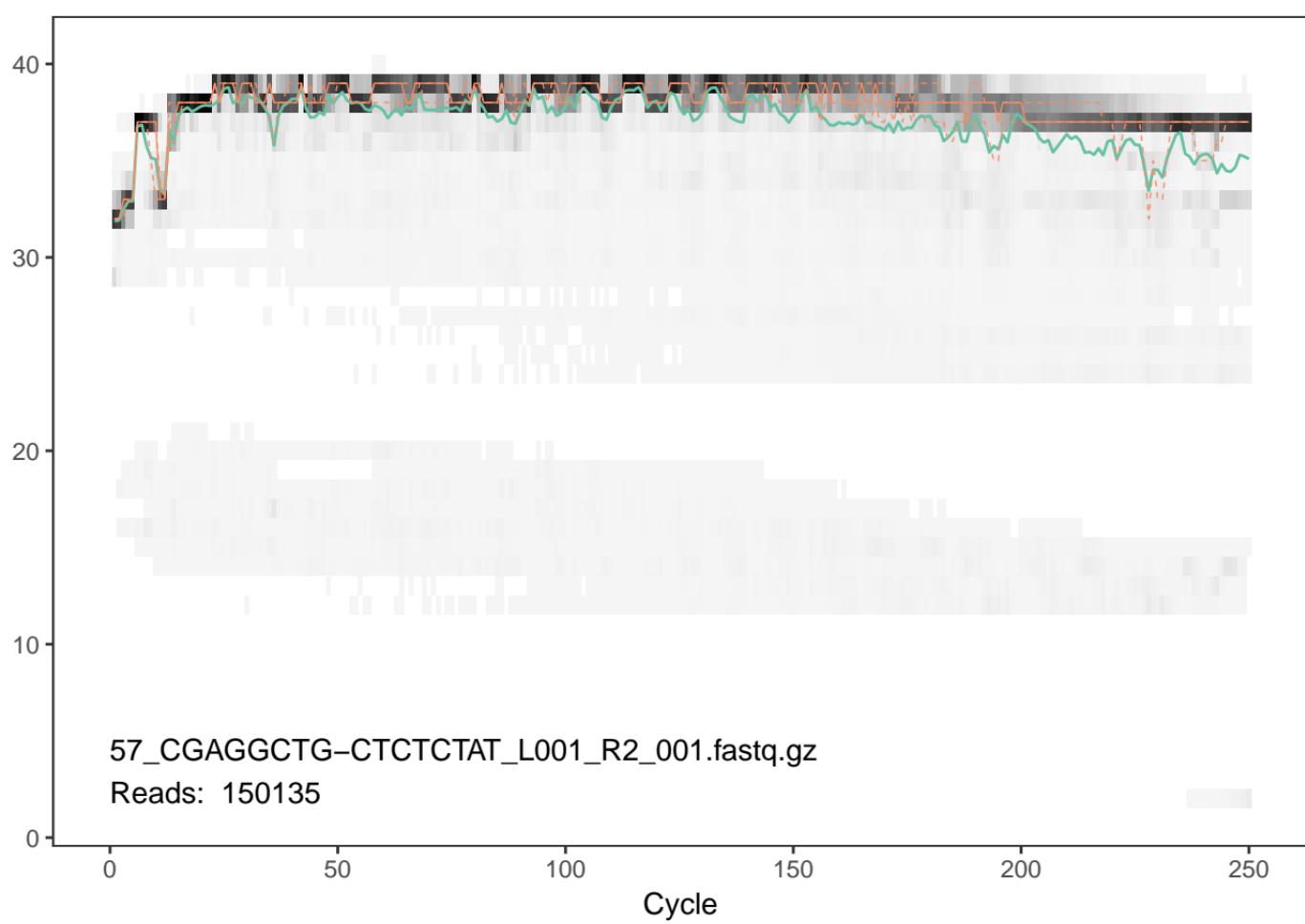
Cycle

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



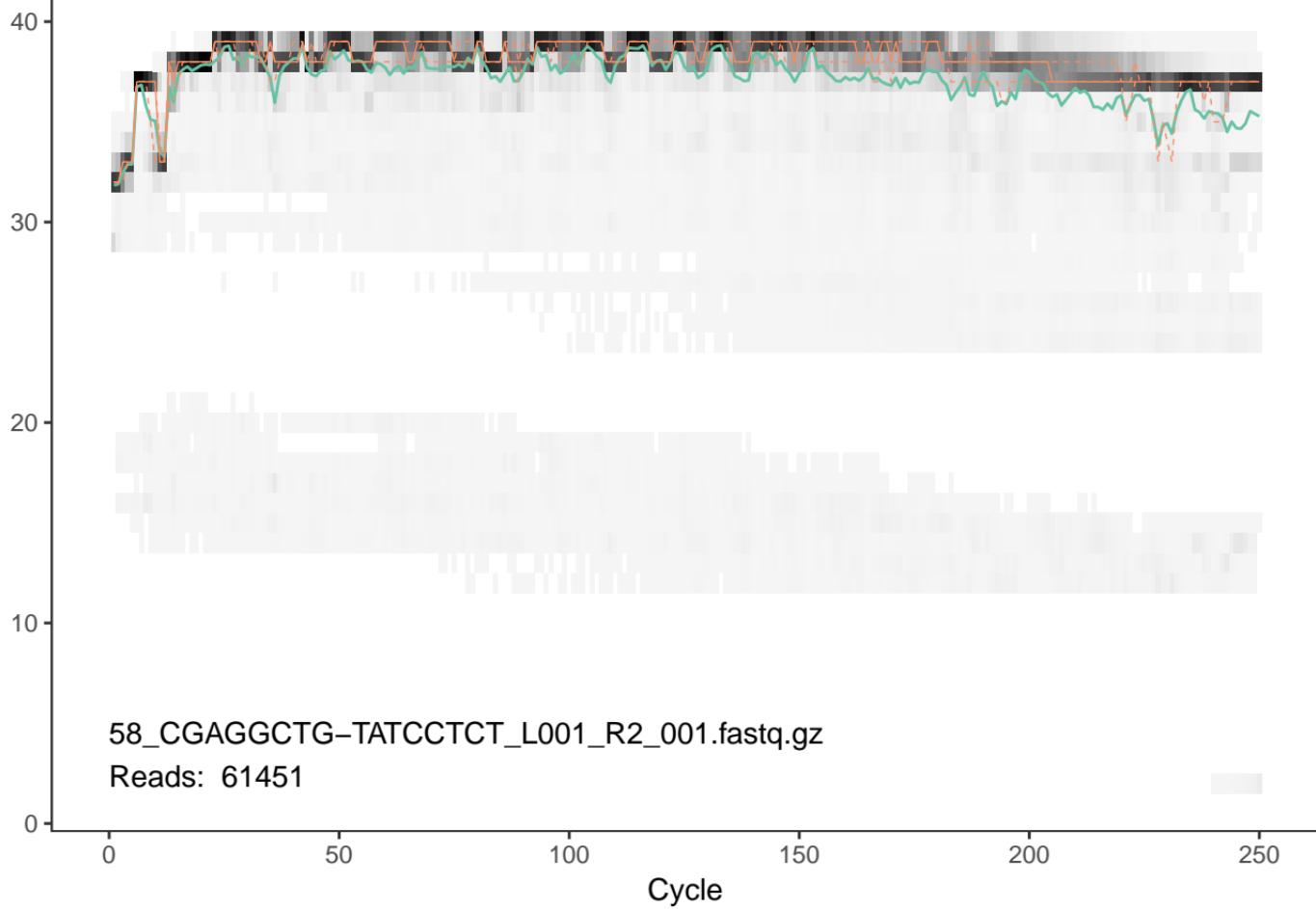
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

59_CGAGGCTG-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 103606

0

50

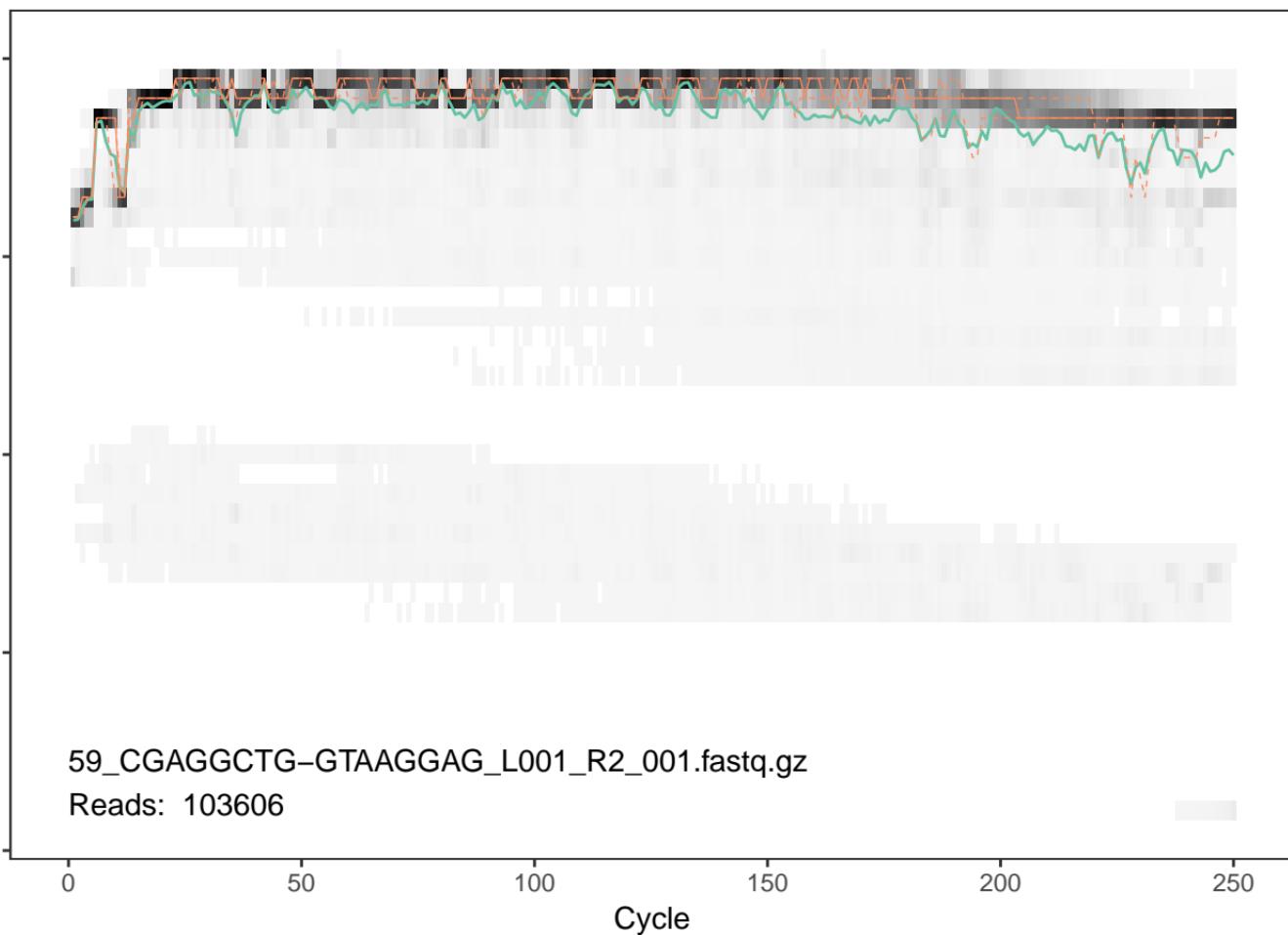
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

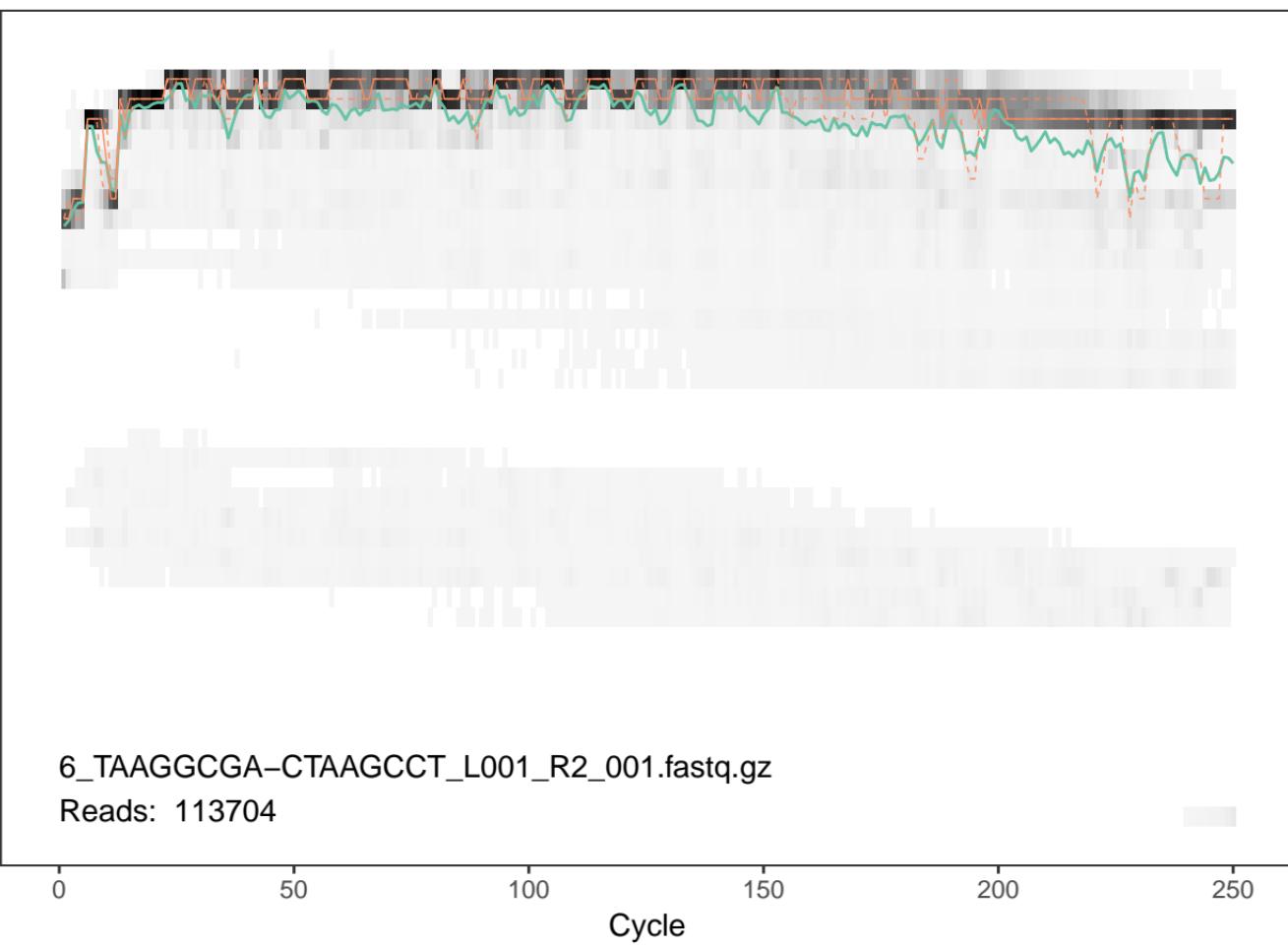
10

0

Cycle

6_TAAGGCGA-CTAACGCCT_L001_R2_001.fastq.gz

Reads: 113704



Rev

Quality Score

40

30

20

10

0

60_CGAGGCTG-ACTGCATA_L001_R2_001.fastq.gz

Reads: 145972

0

50

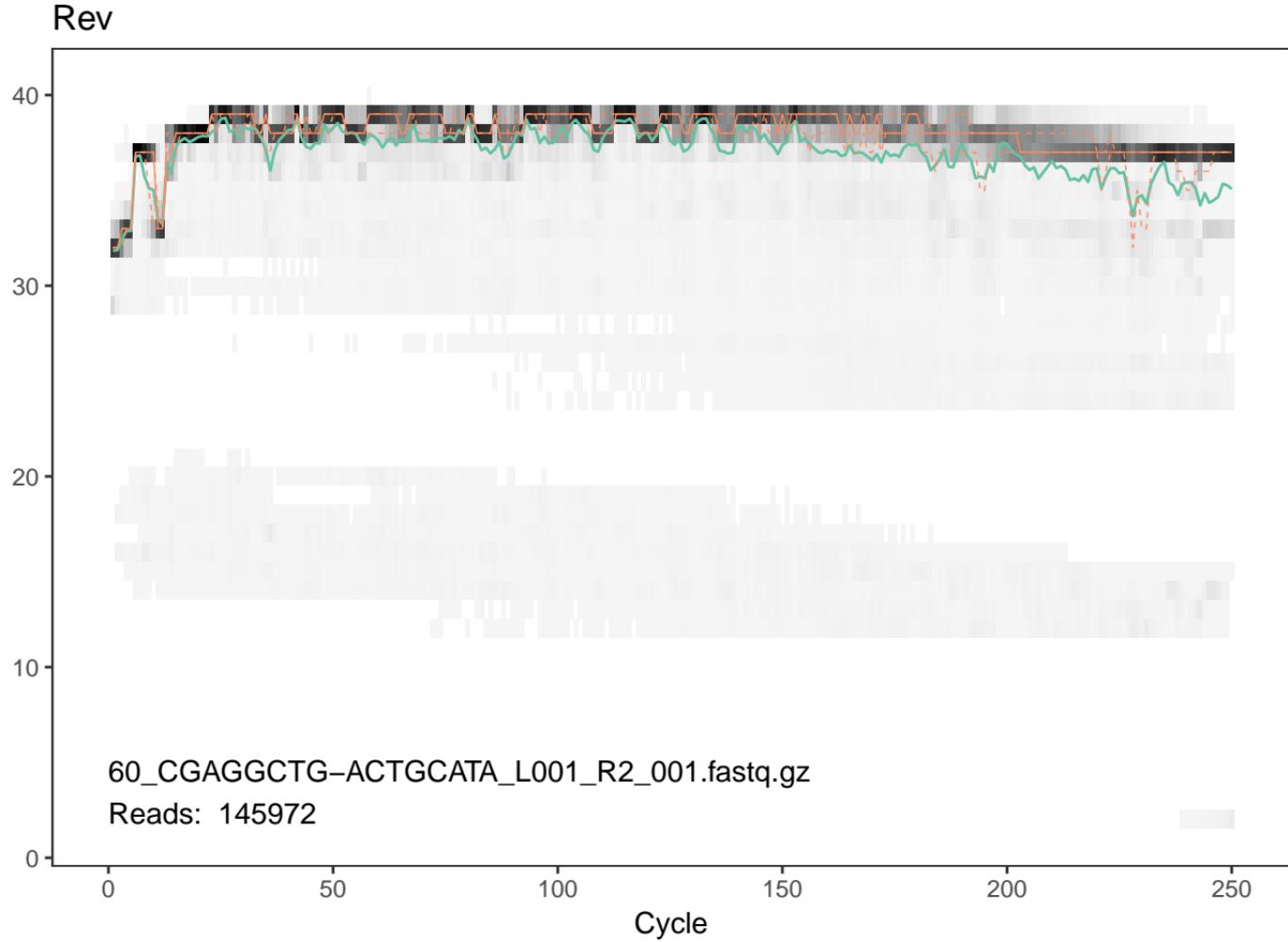
100

150

200

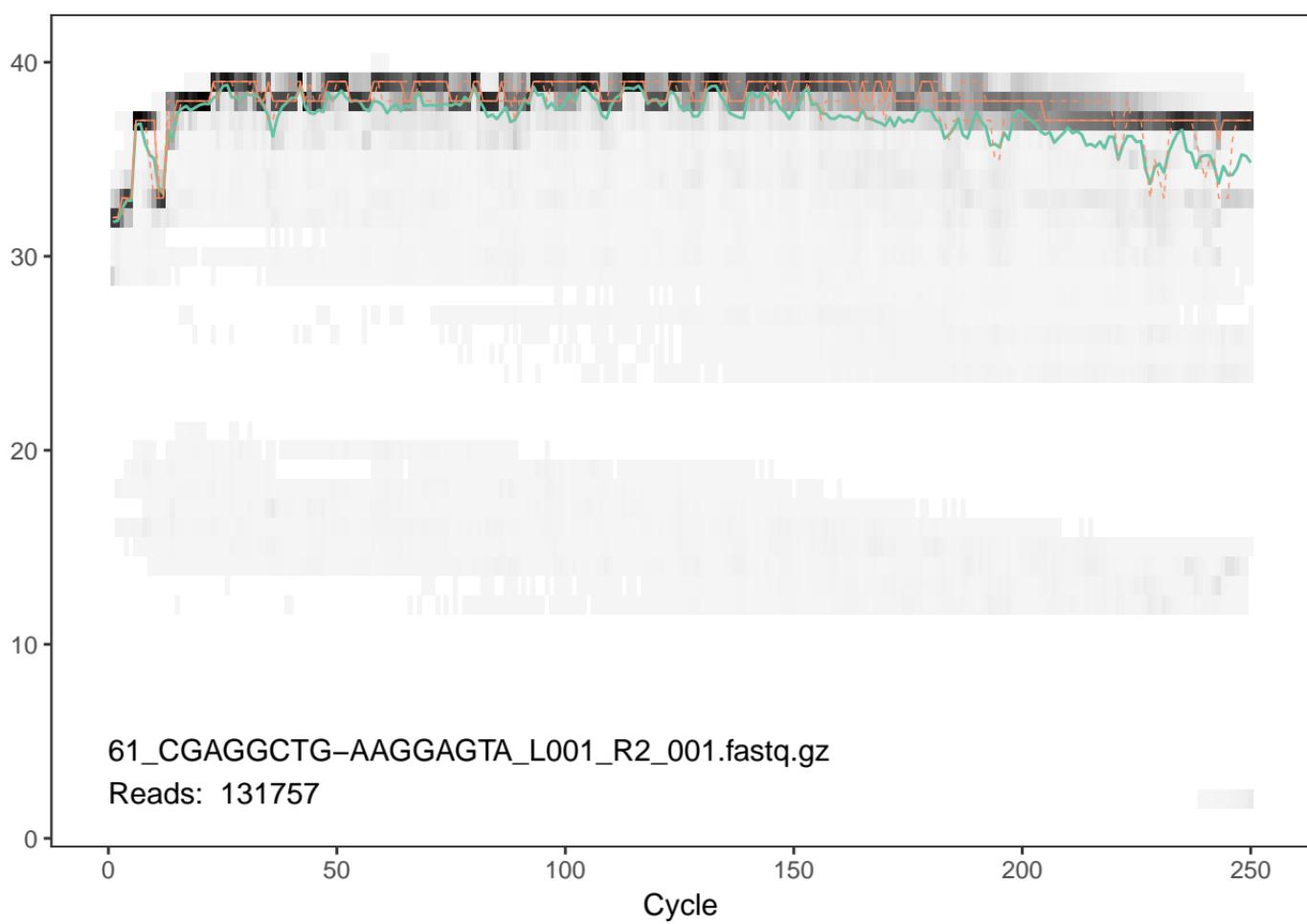
250

Cycle



Rev

Quality Score



Rev

Quality Score

40

30

20

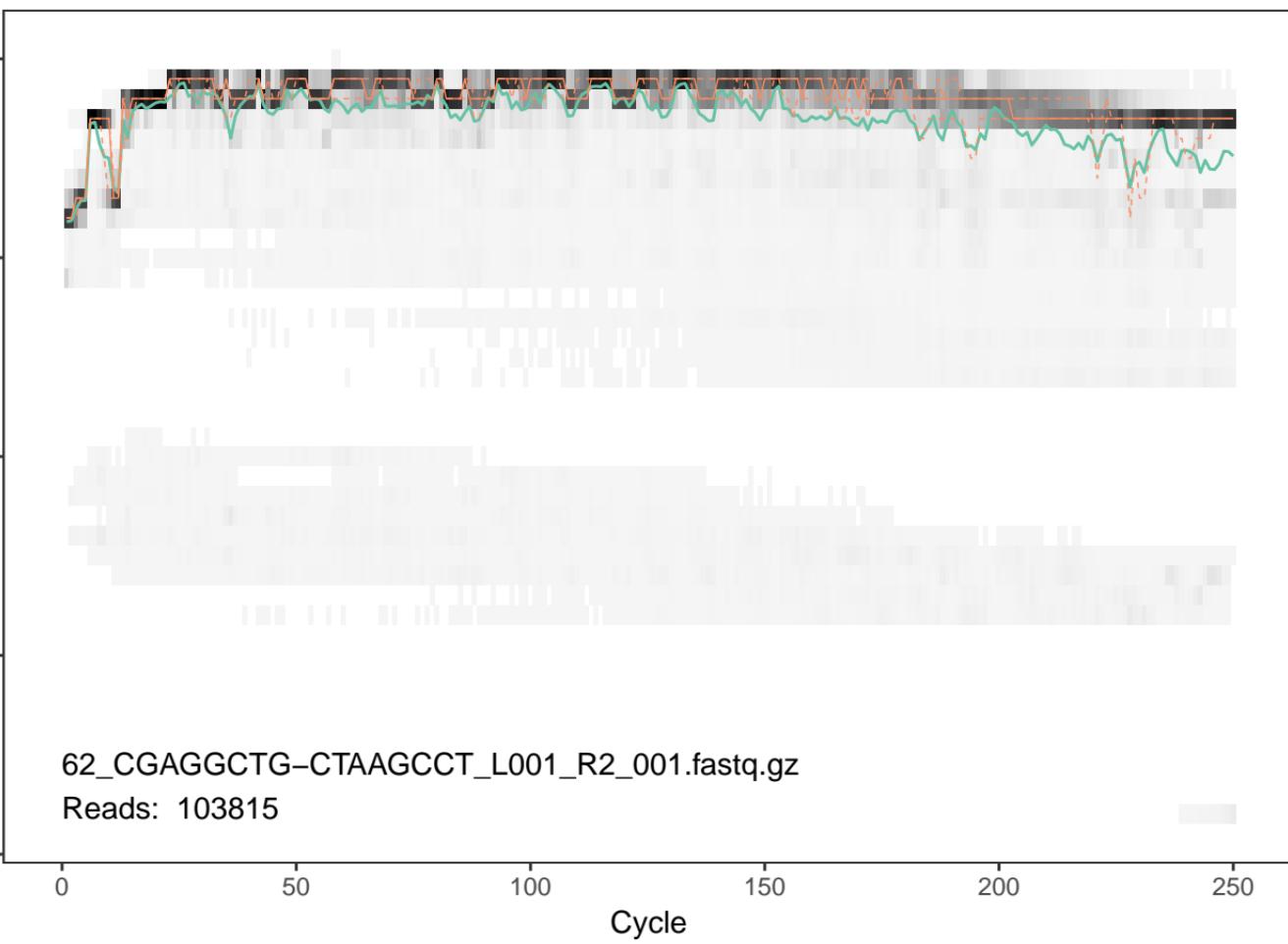
10

0

Cycle

62_CGAGGCTG-CTAAGCCT_L001_R2_001.fastq.gz

Reads: 103815



Rev

Quality Score

40

30

20

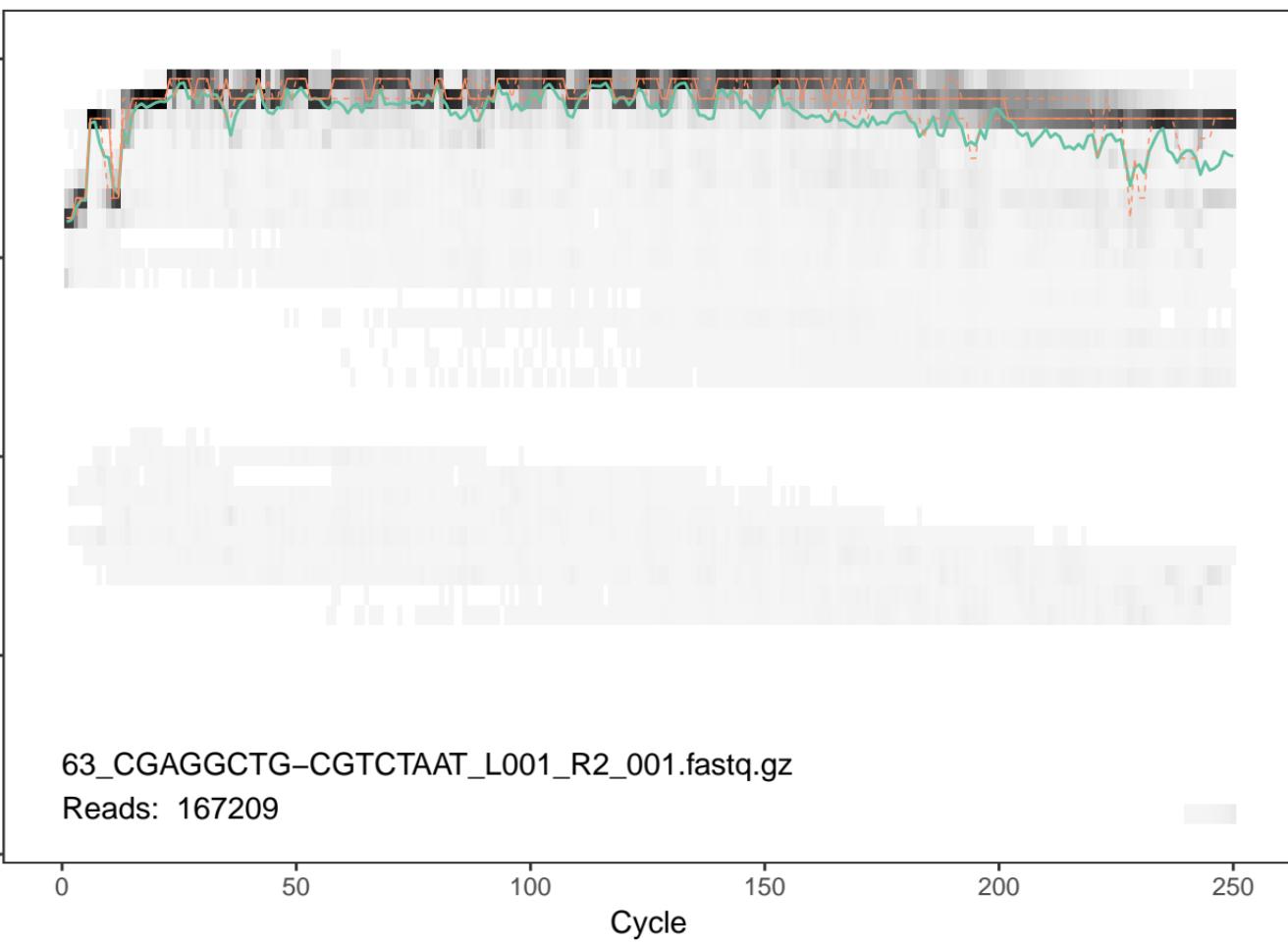
10

0

Cycle

63_CGAGGCTG-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 167209



Rev

Quality Score

40

30

20

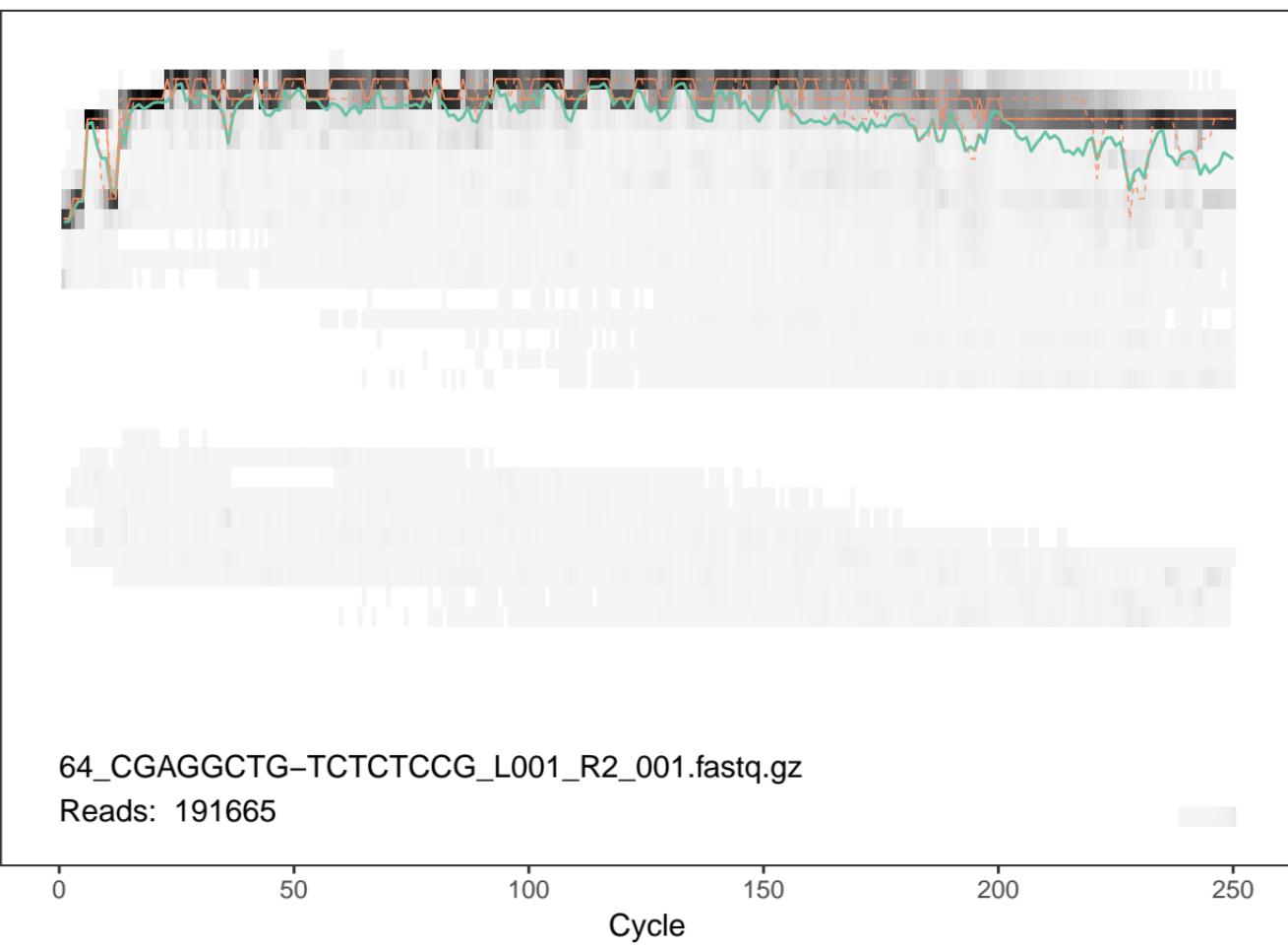
10

0

Cycle

64(CGAGGCTG-TCTCTCCG)_L001_R2_001.fastq.gz

Reads: 191665



Rev

Quality Score

40

30

20

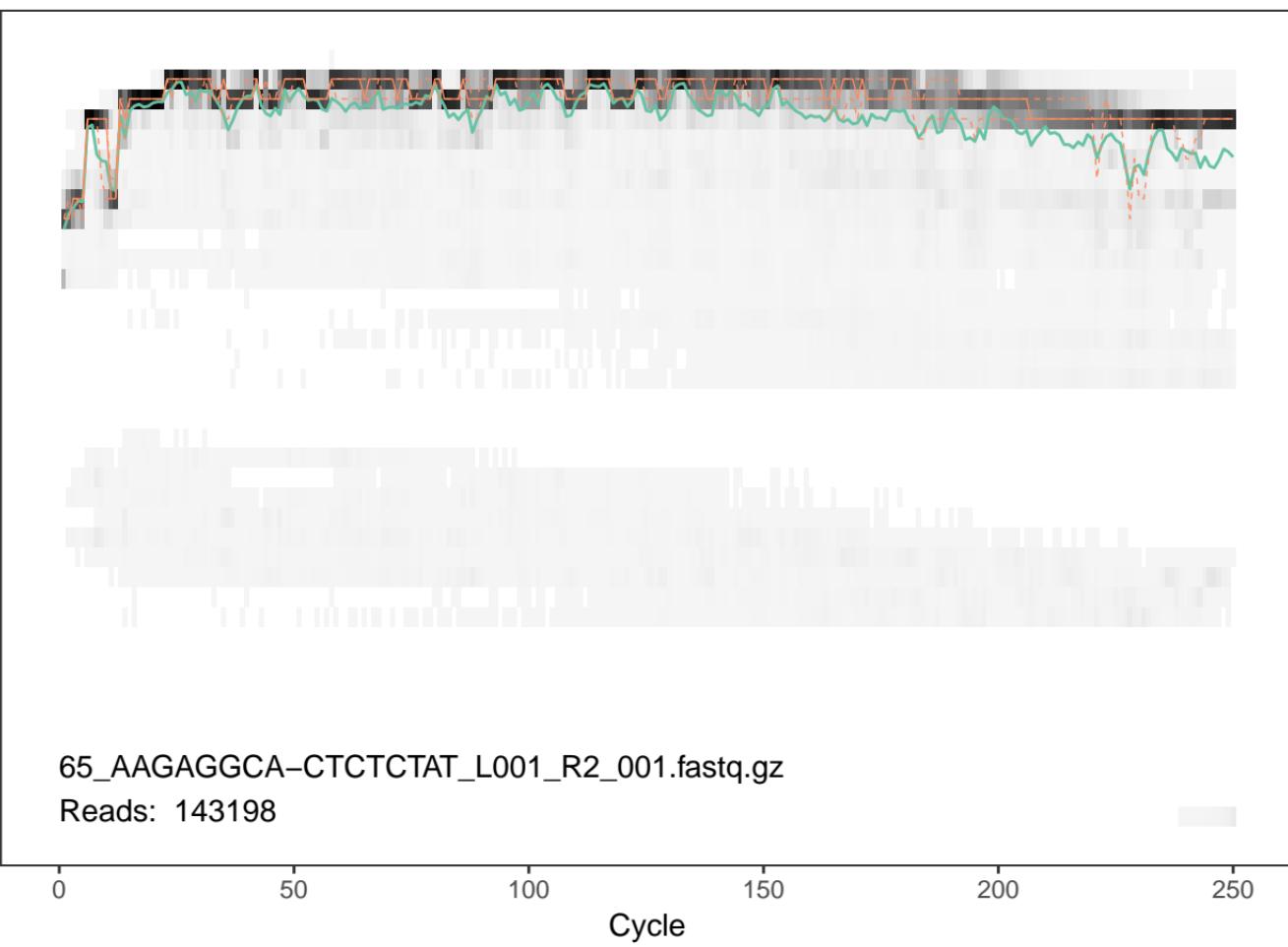
10

0

Cycle

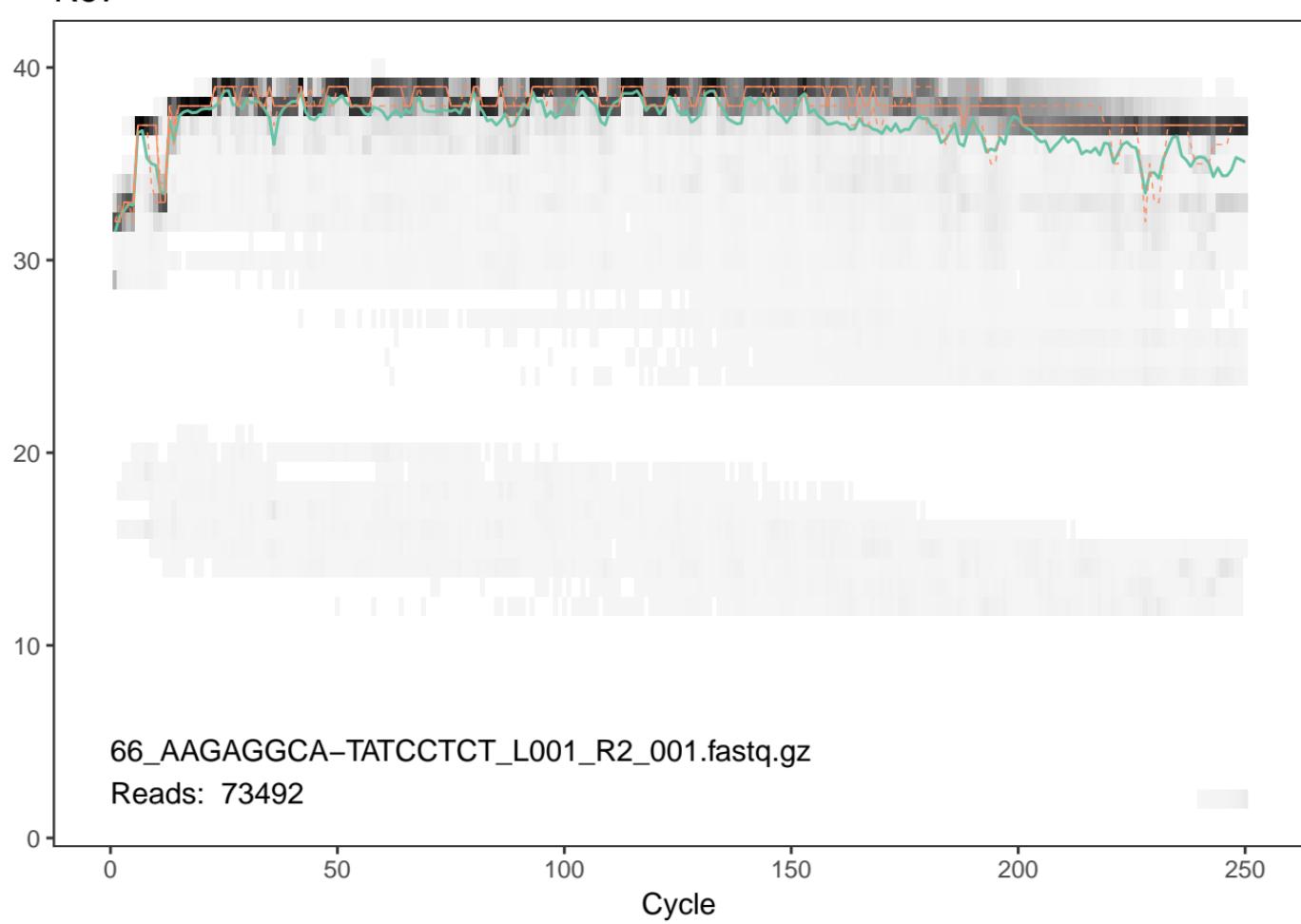
65_AAGAGGCA-CTCTCTAT_L001_R2_001.fastq.gz

Reads: 143198



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

50

100

150

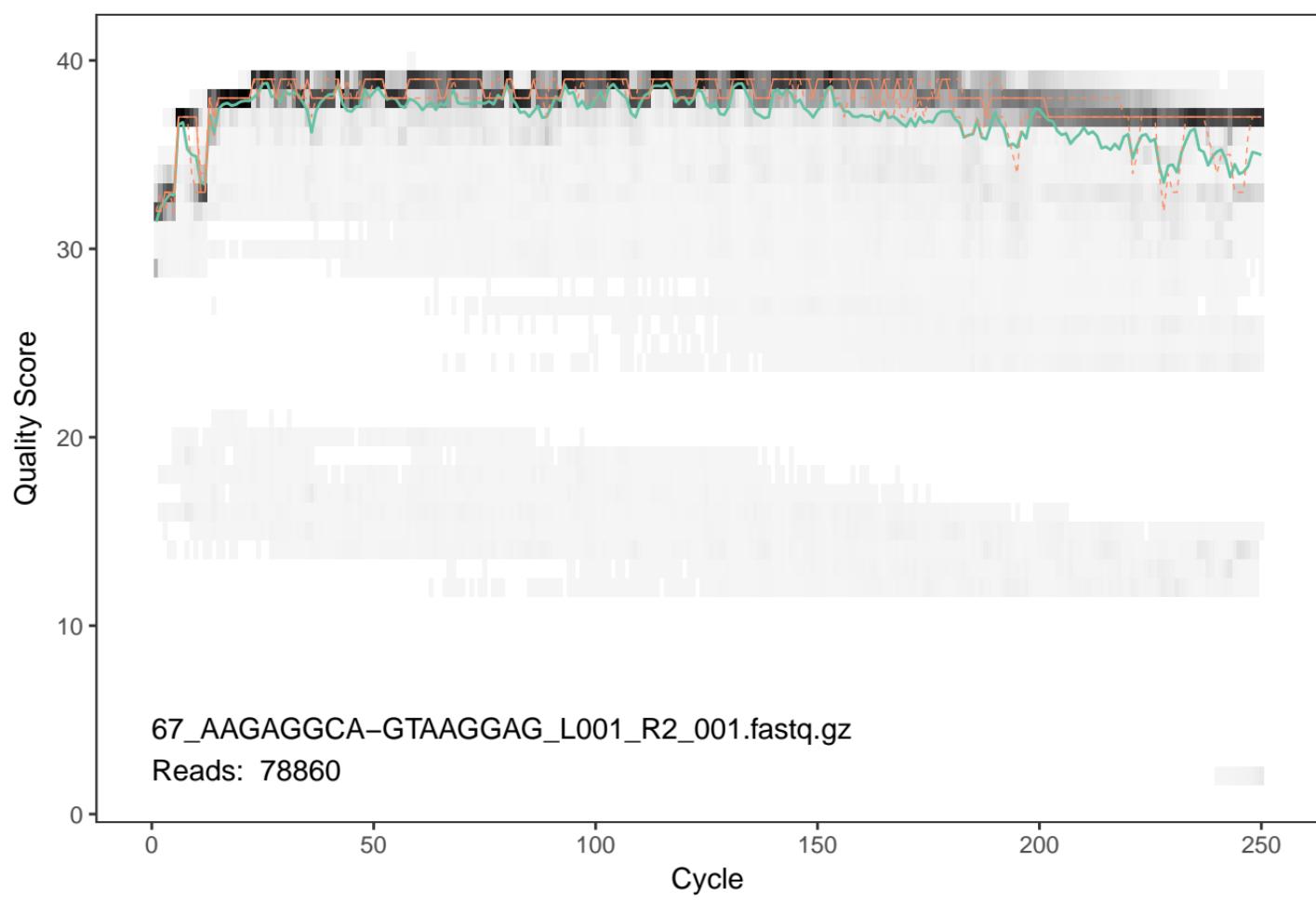
200

250

Cycle

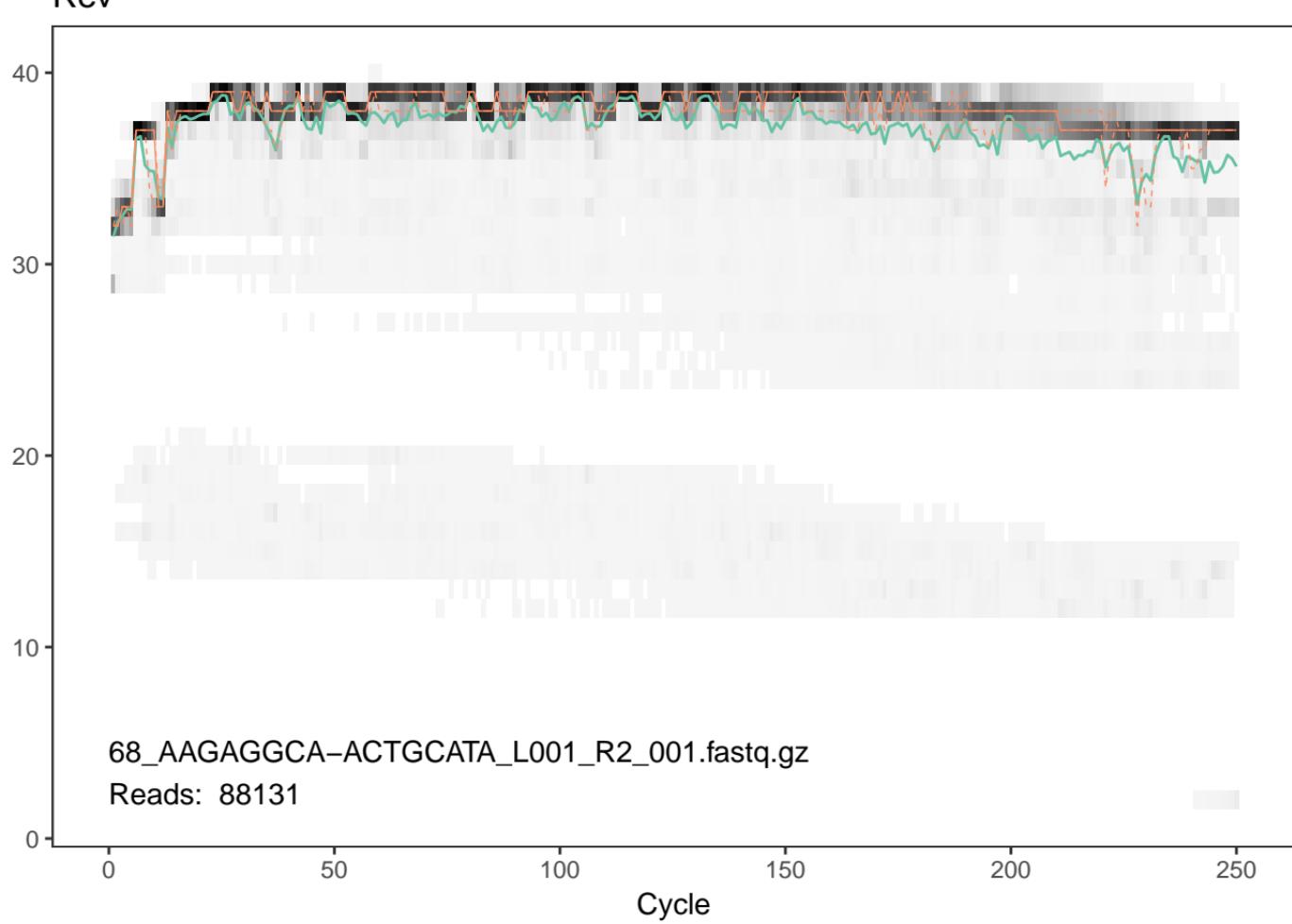
67_AAGAGGCA-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 78860



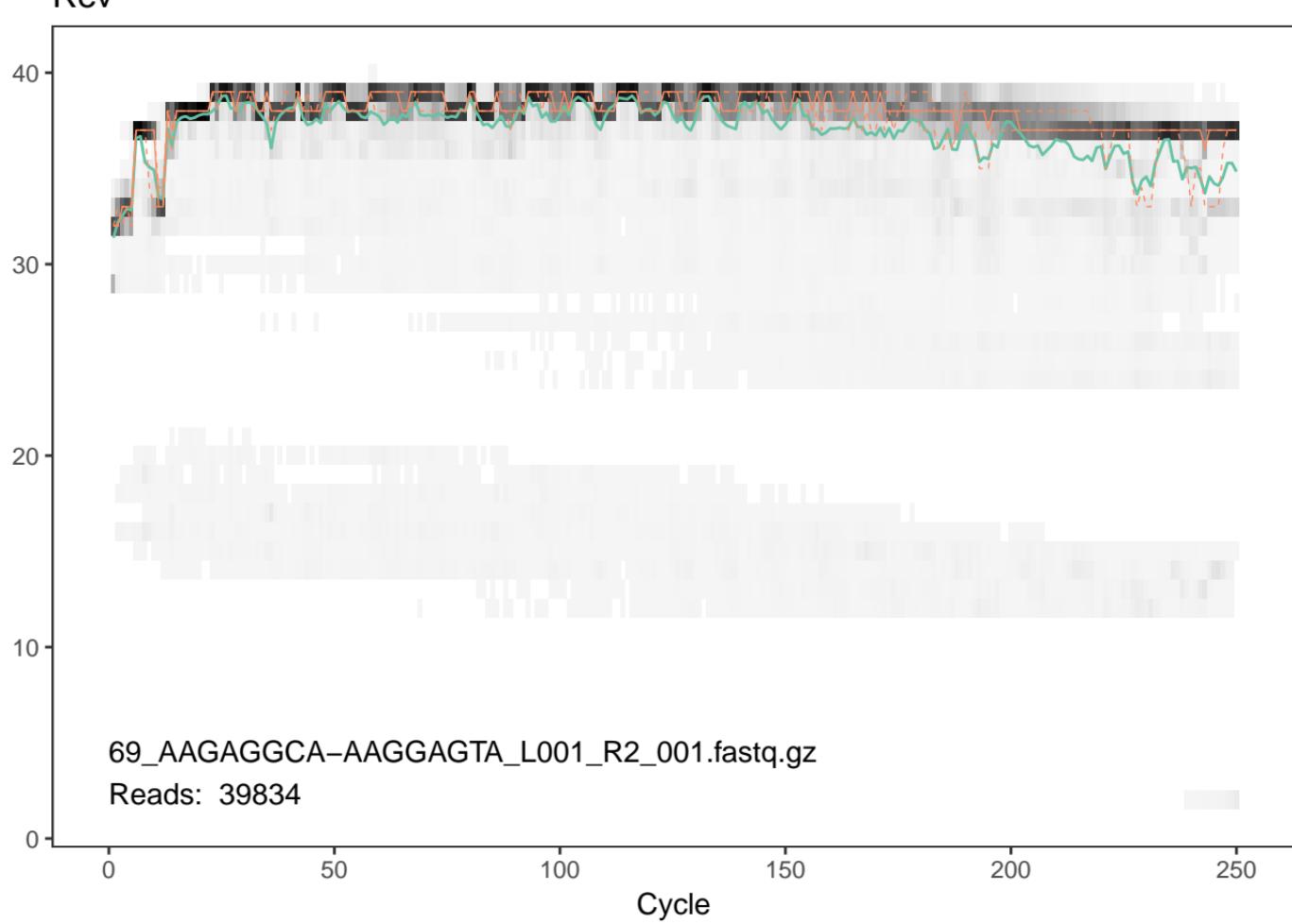
Rev

Quality Score



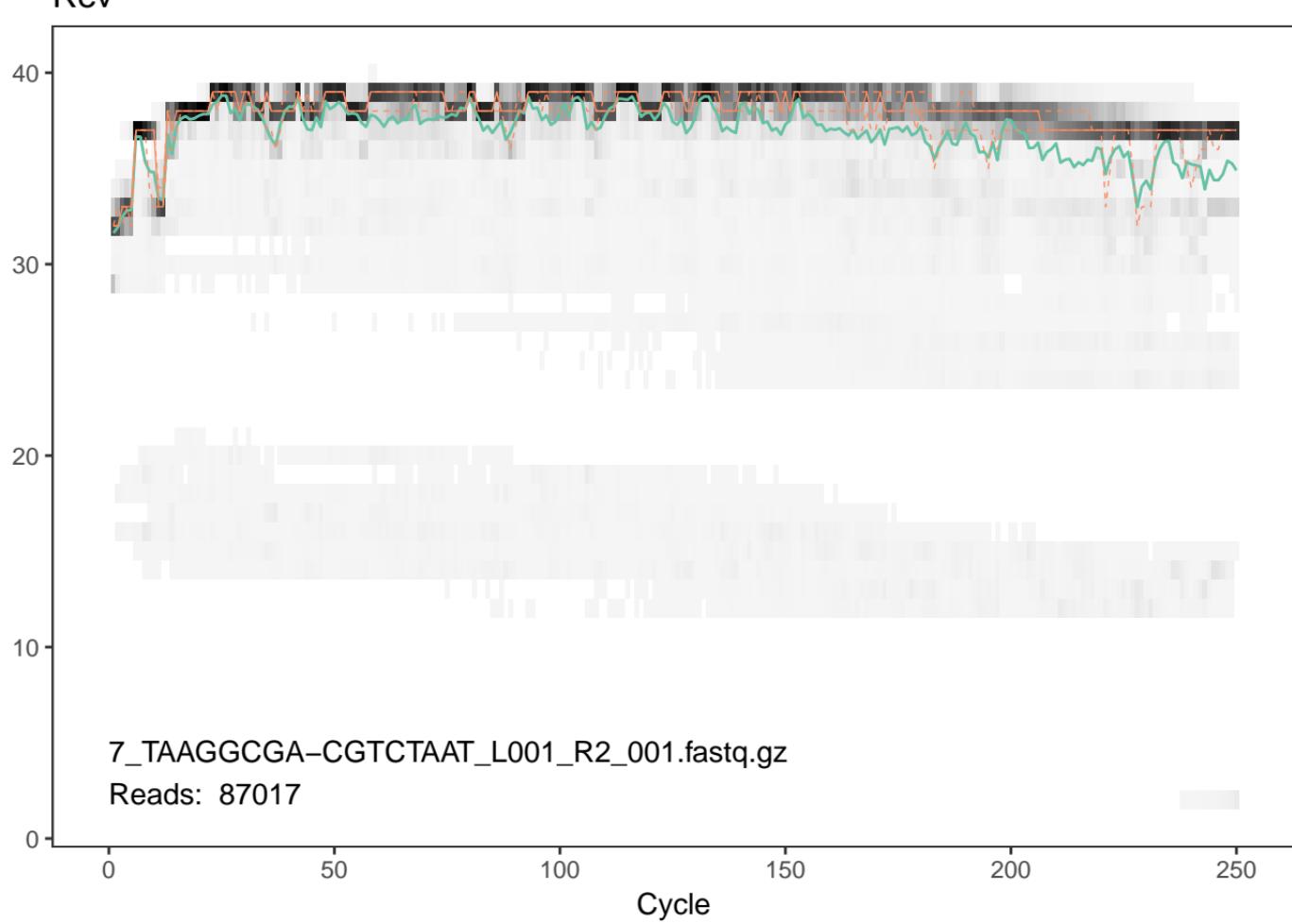
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

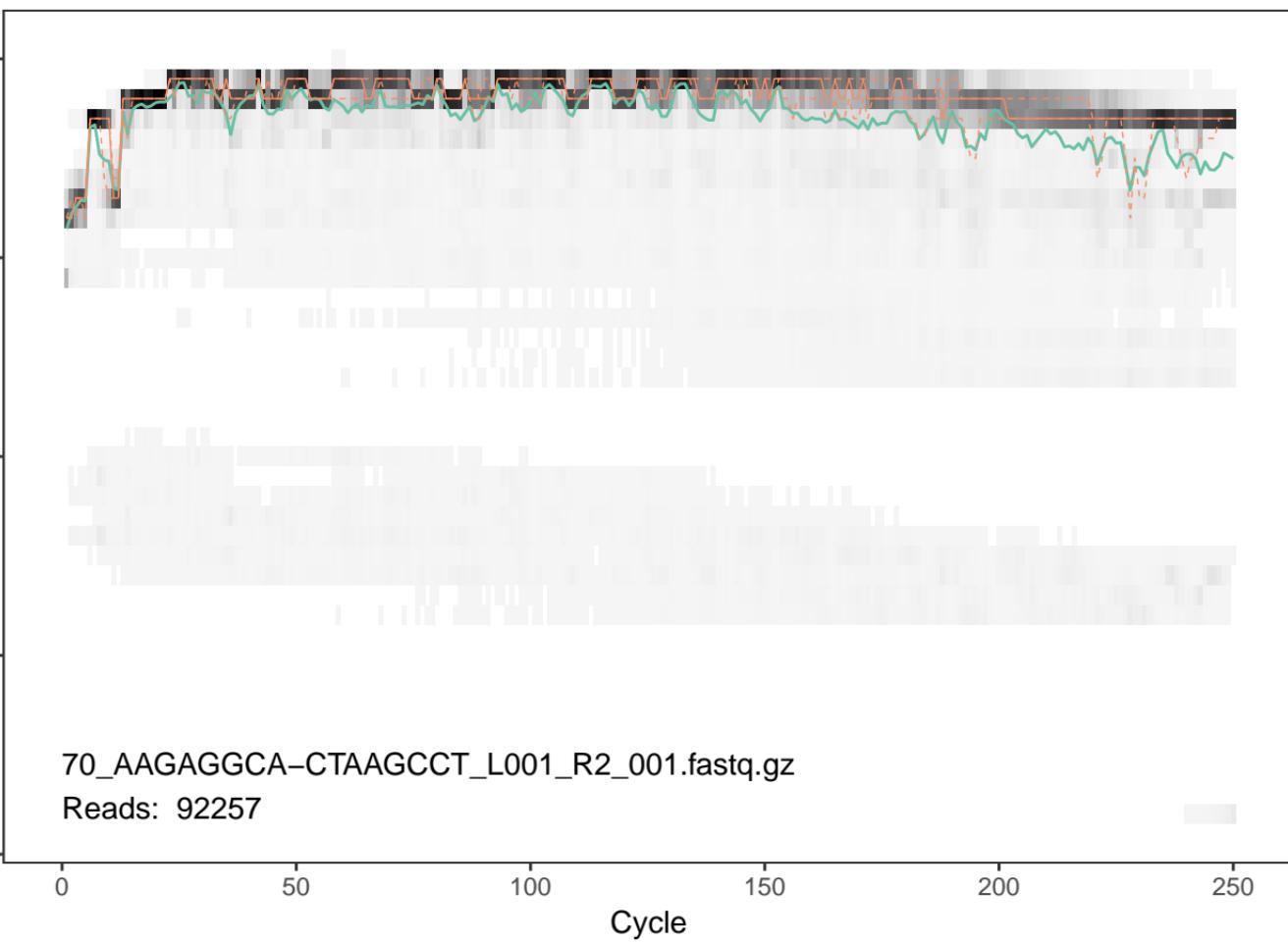
10

0

Cycle

70_AAGAGGCA-CTAAGCCT_L001_R2_001.fastq.gz

Reads: 92257



Rev

Quality Score

40

30

20

10

0

71_AAGAGGCA-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 100223

0

50

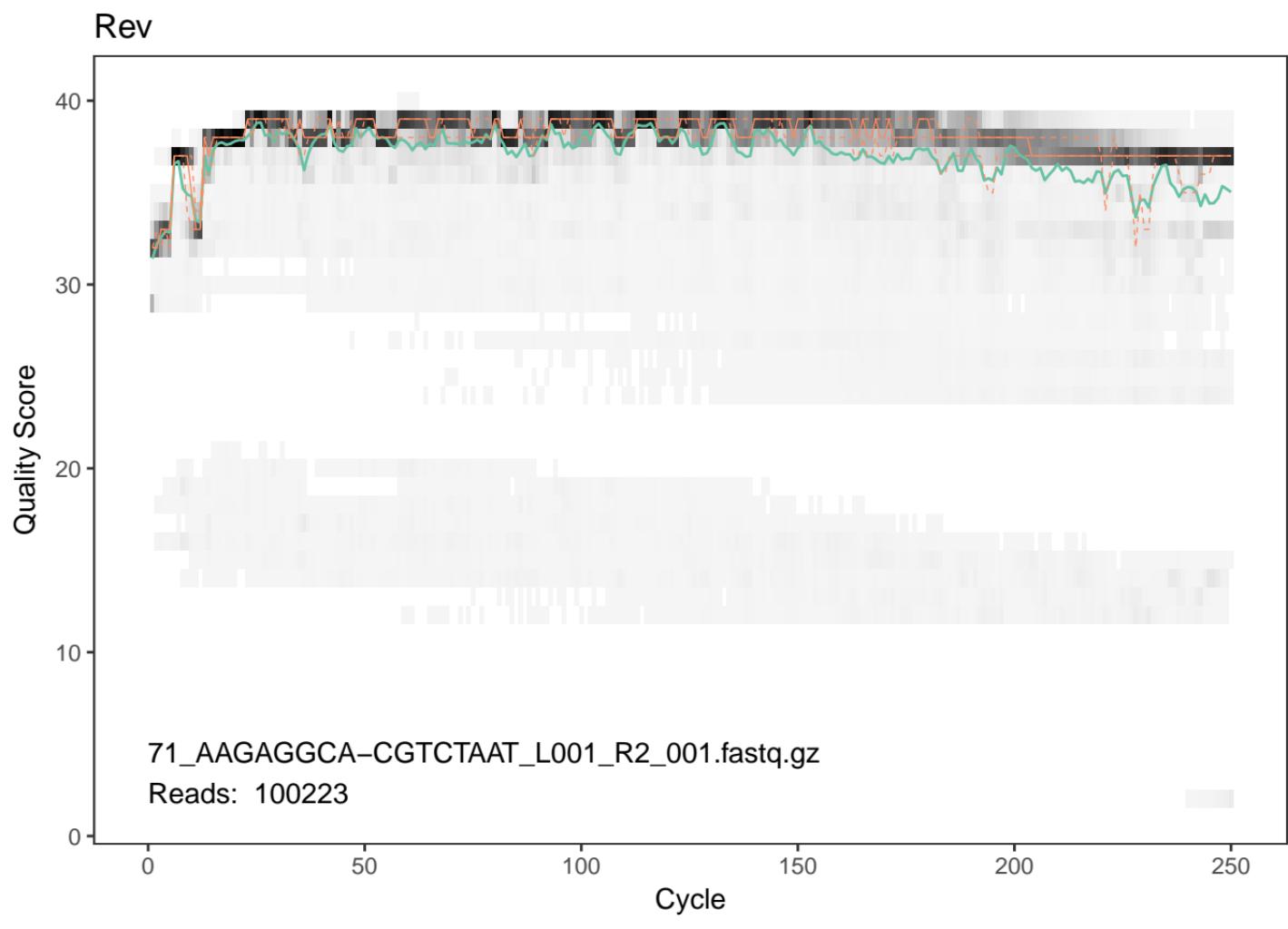
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

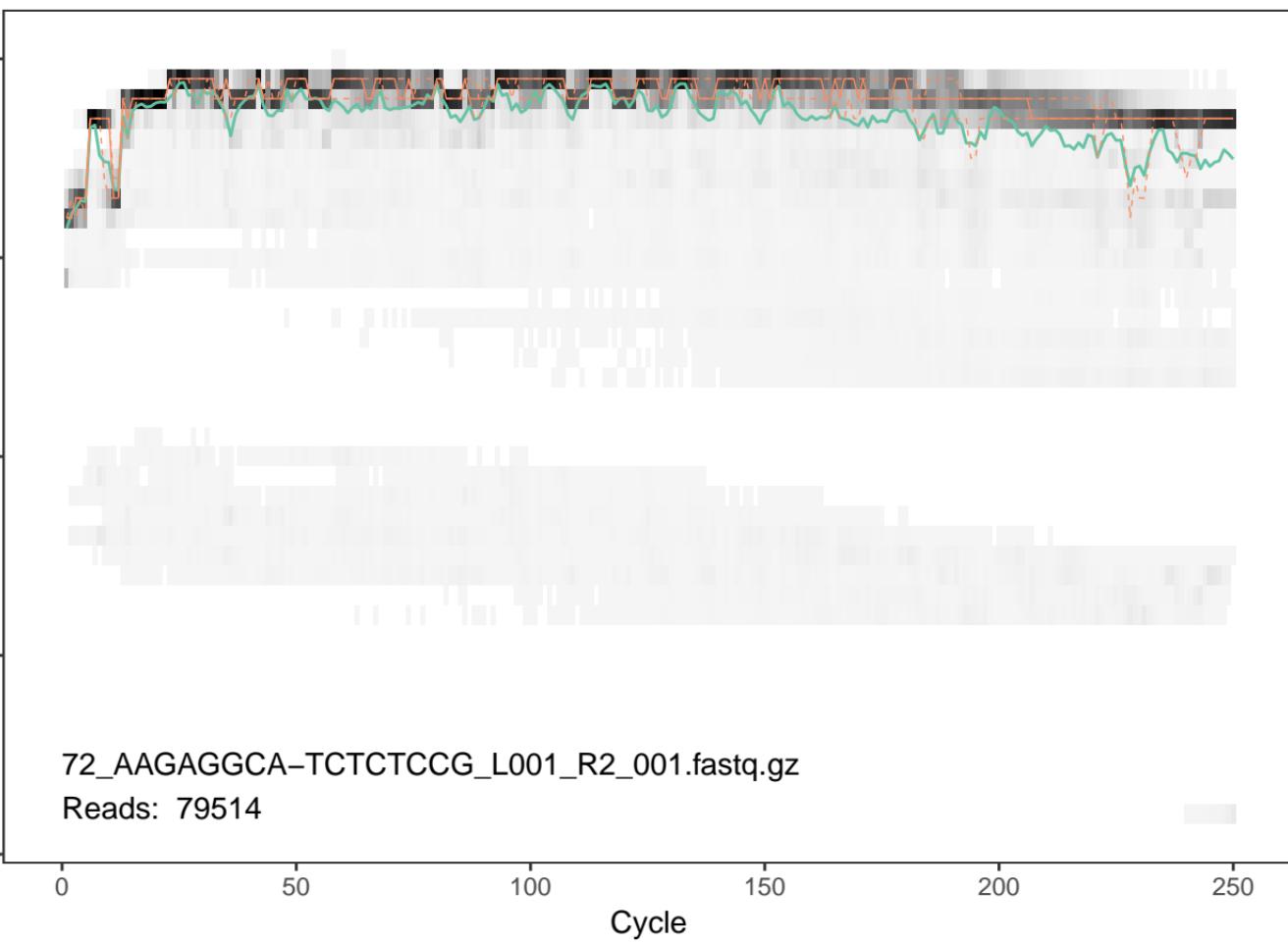
10

0

Cycle

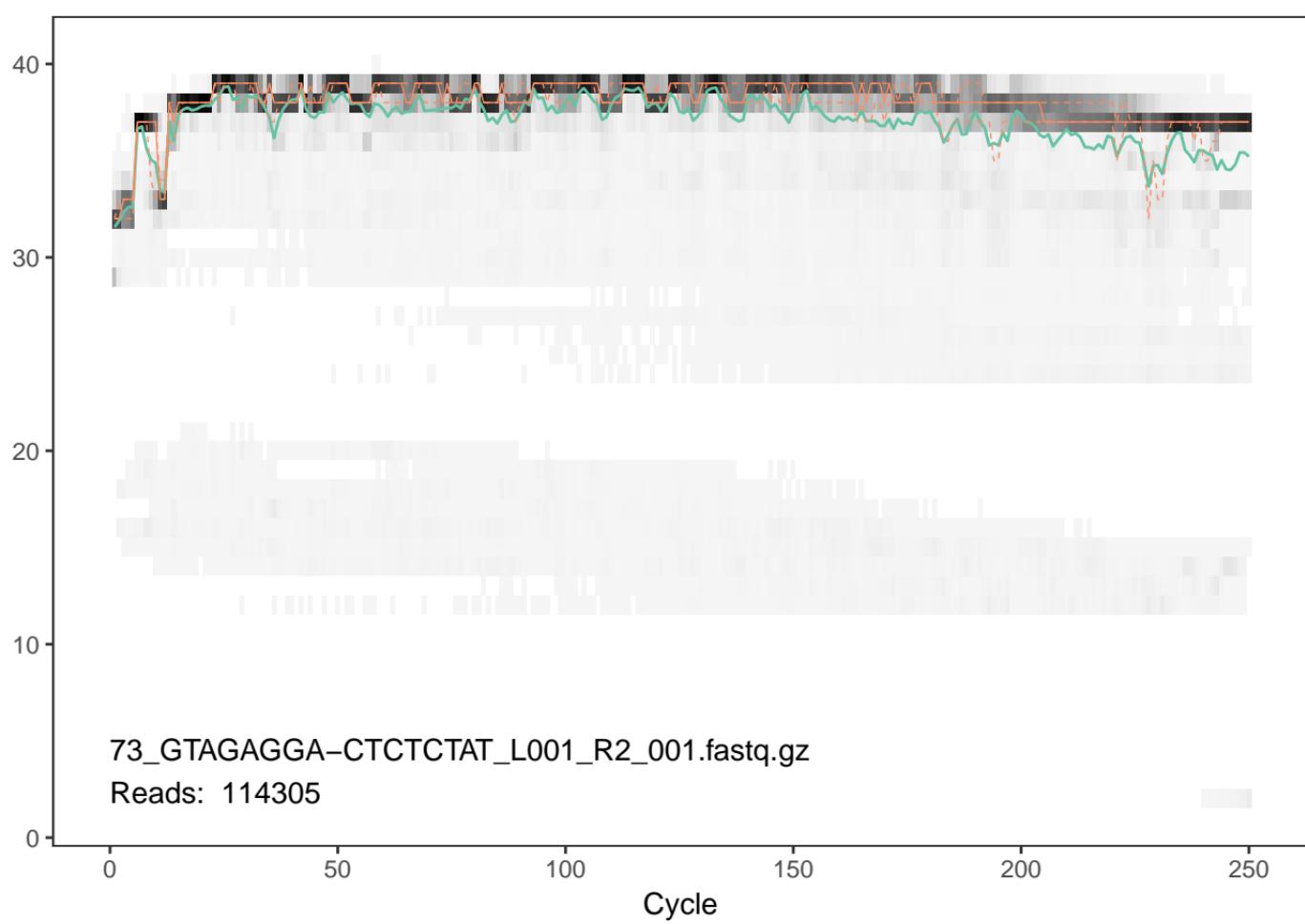
72_AAGAGGCA-TCTCTCCG_L001_R2_001.fastq.gz

Reads: 79514



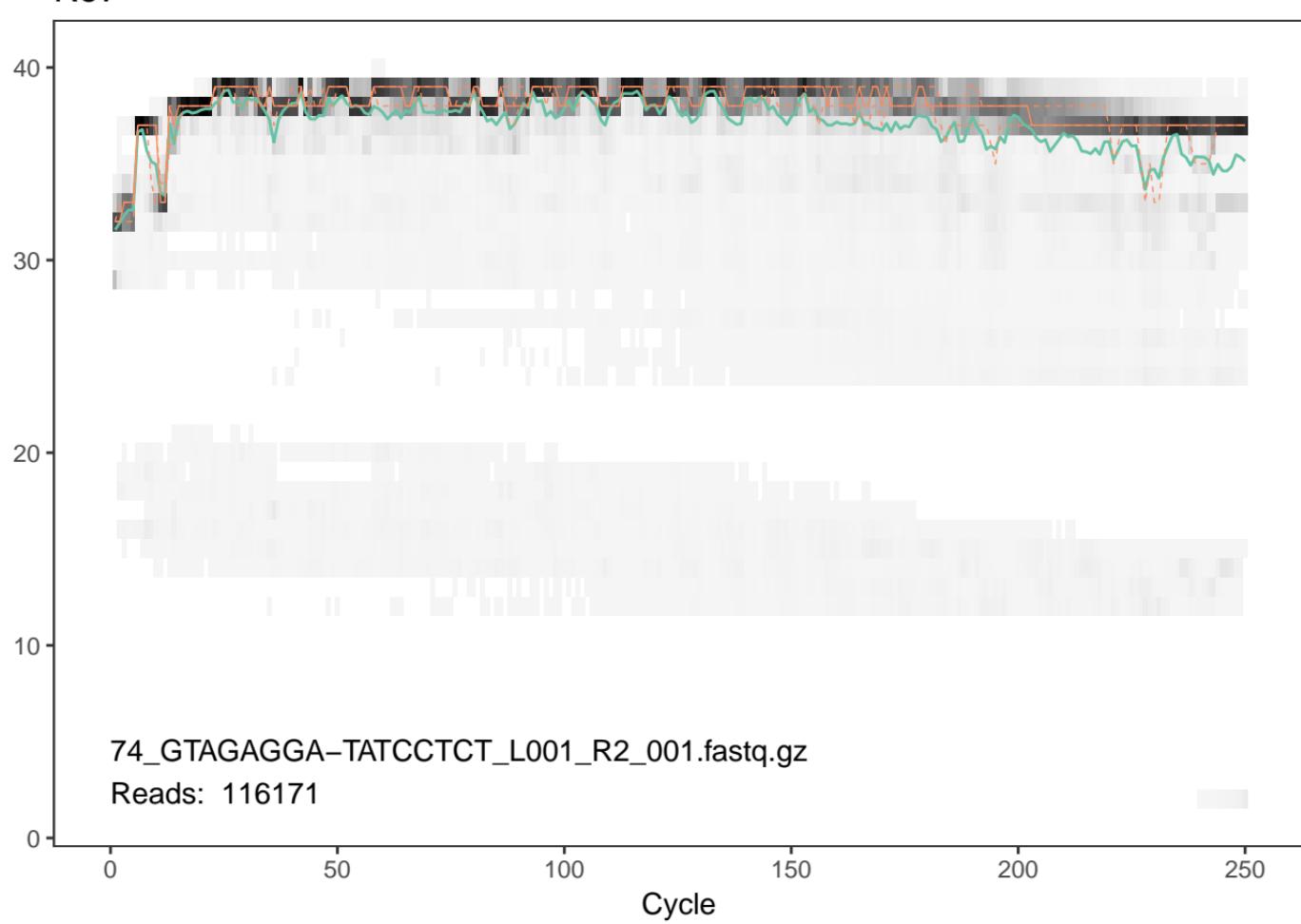
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

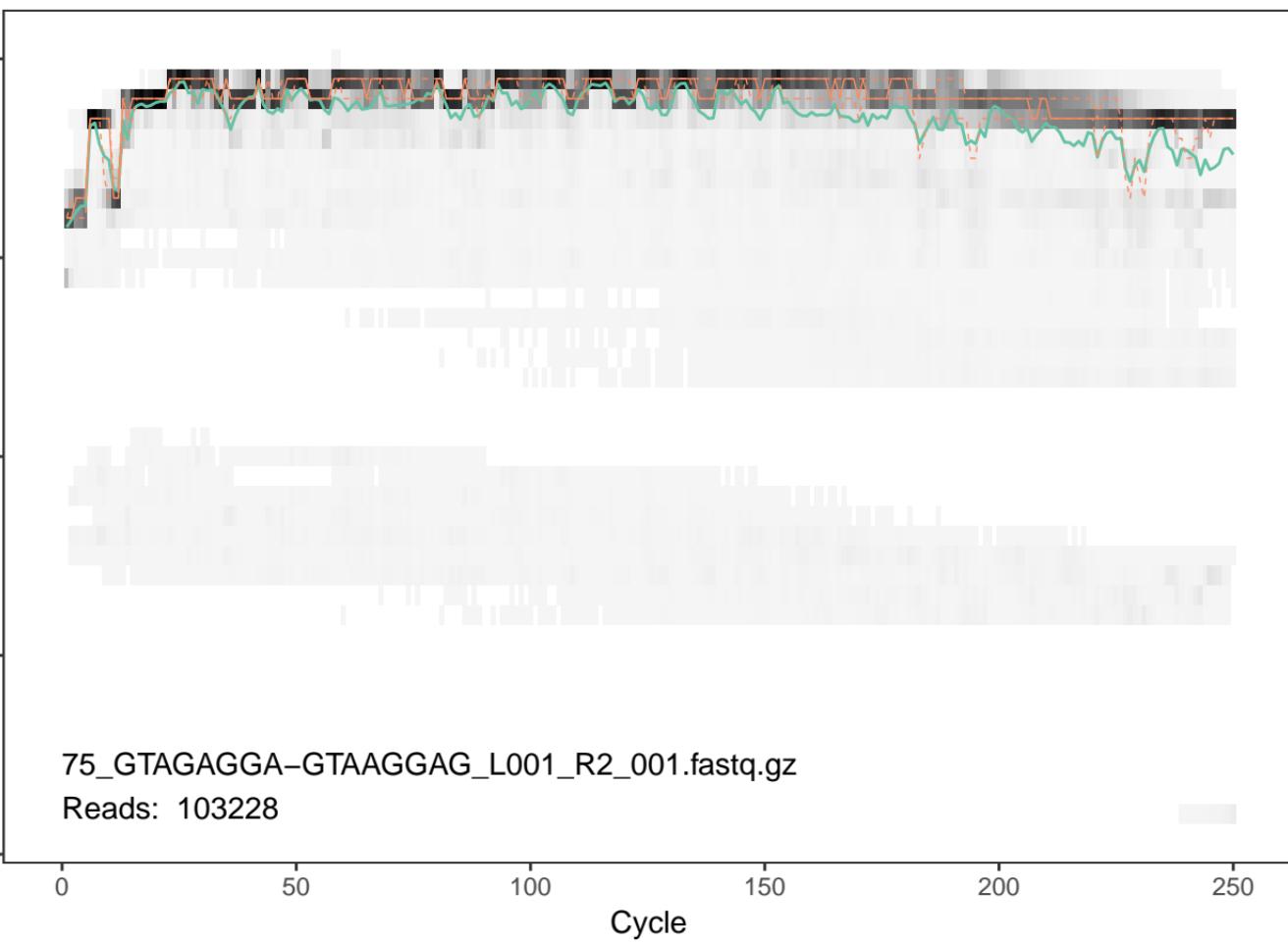
10

0

Cycle

75_GTAGAGGA-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 103228



Rev

Quality Score

40

30

20

10

0

76_GTAGAGGA-ACTGCATA_L001_R2_001.fastq.gz

Reads: 122718

0

50

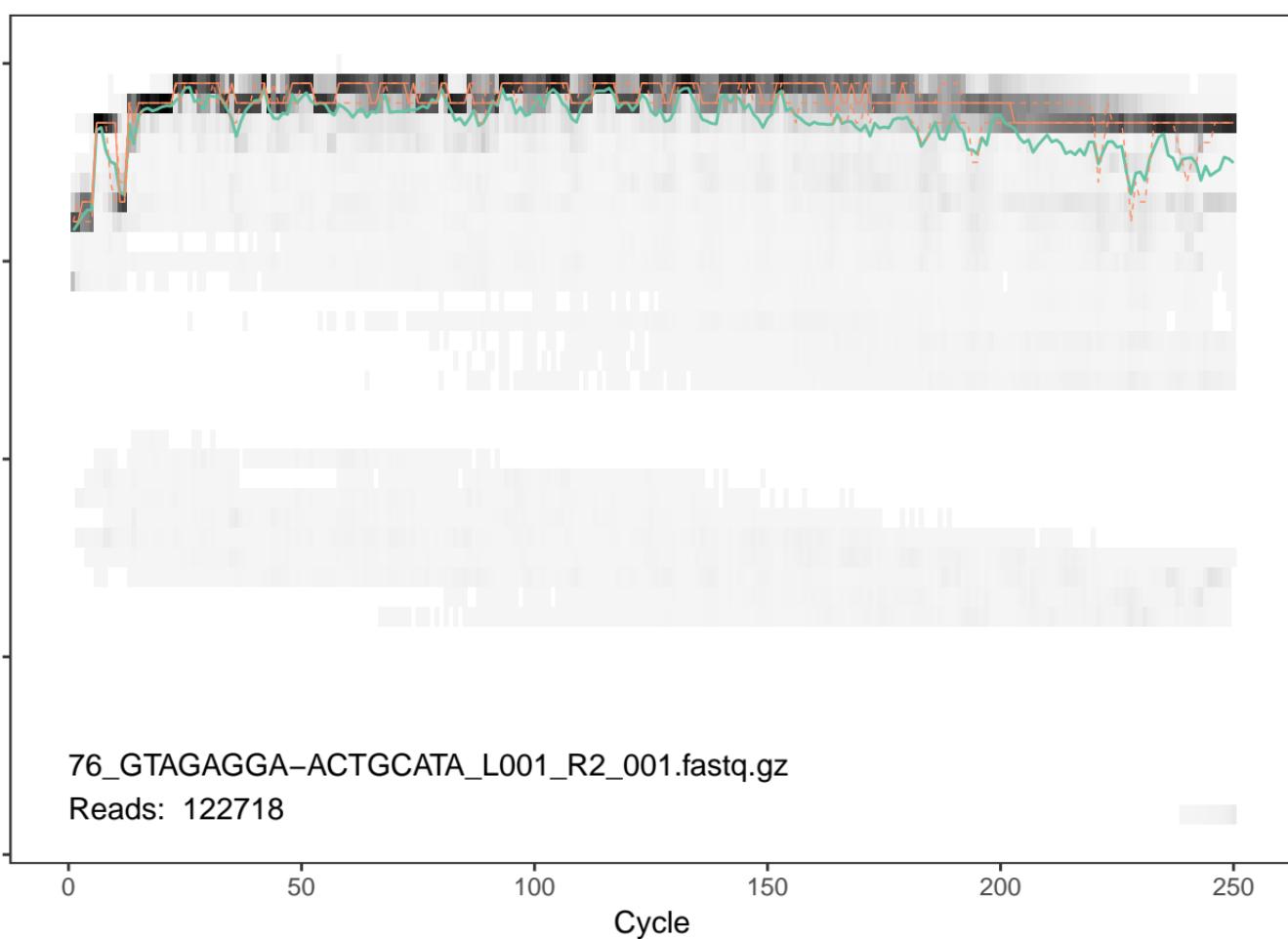
100

150

200

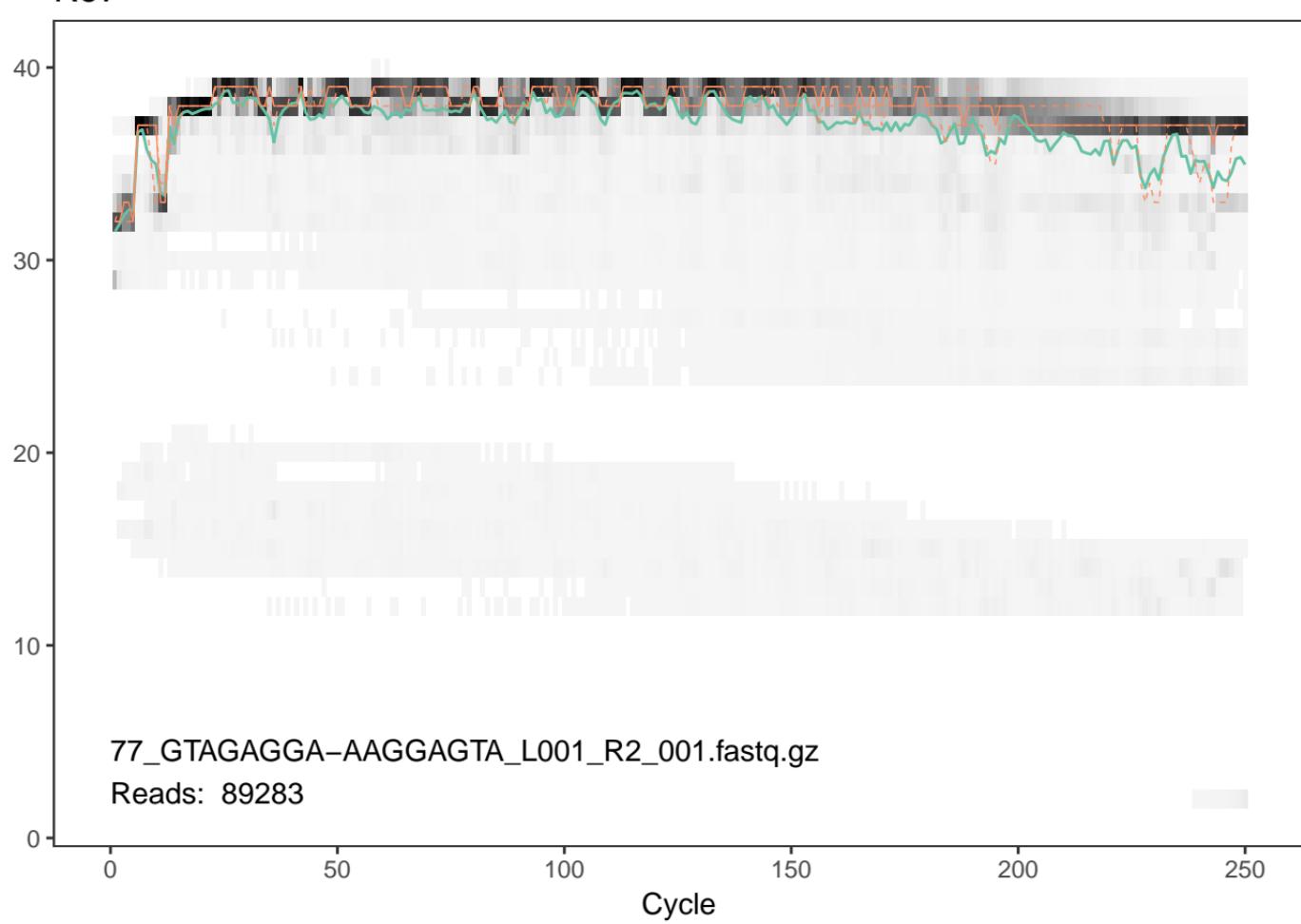
250

Cycle



Rev

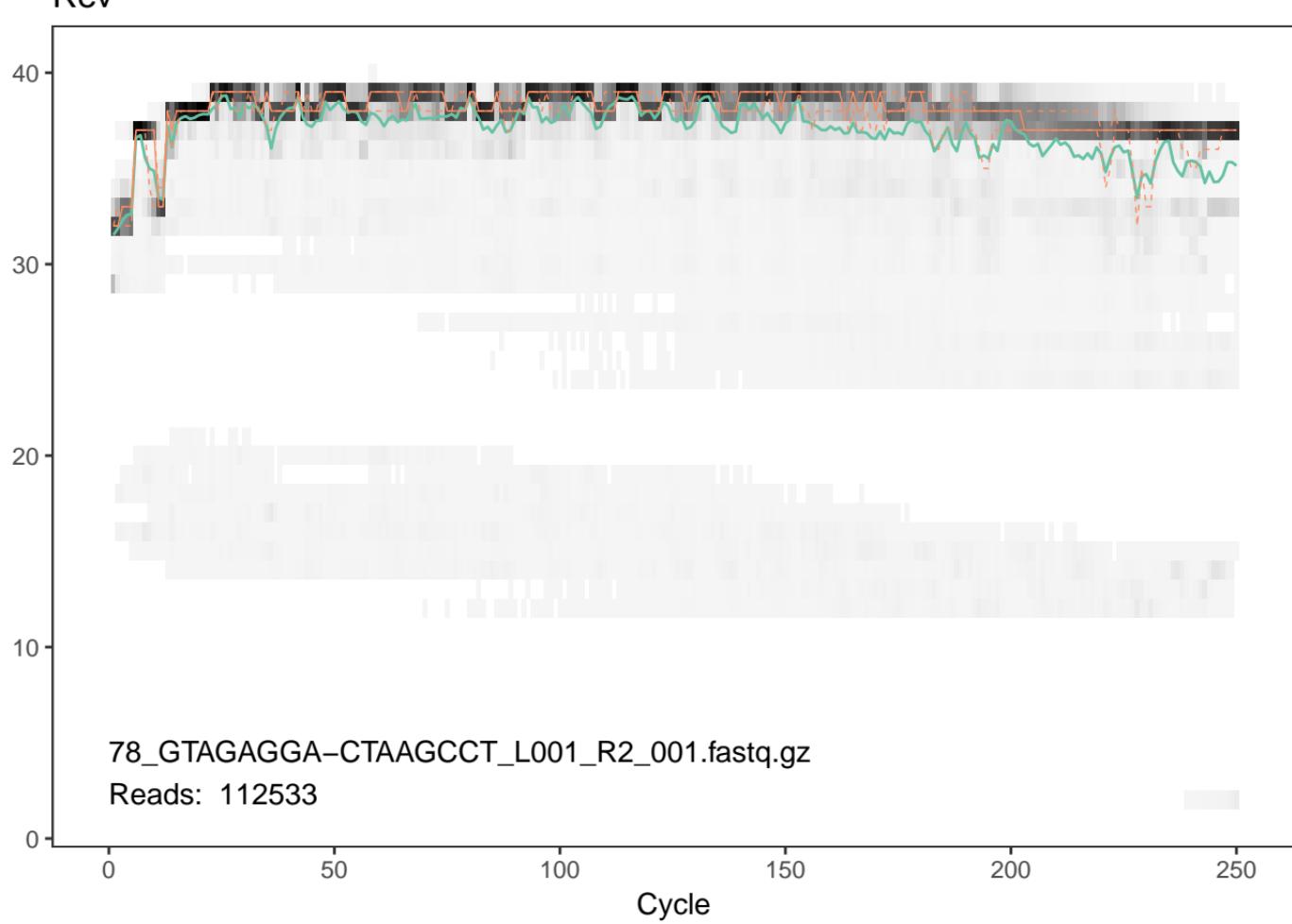
Quality Score



77_GTAGAGGA-AAGGAGTA_L001_R2_001.fastq.gz
Reads: 89283

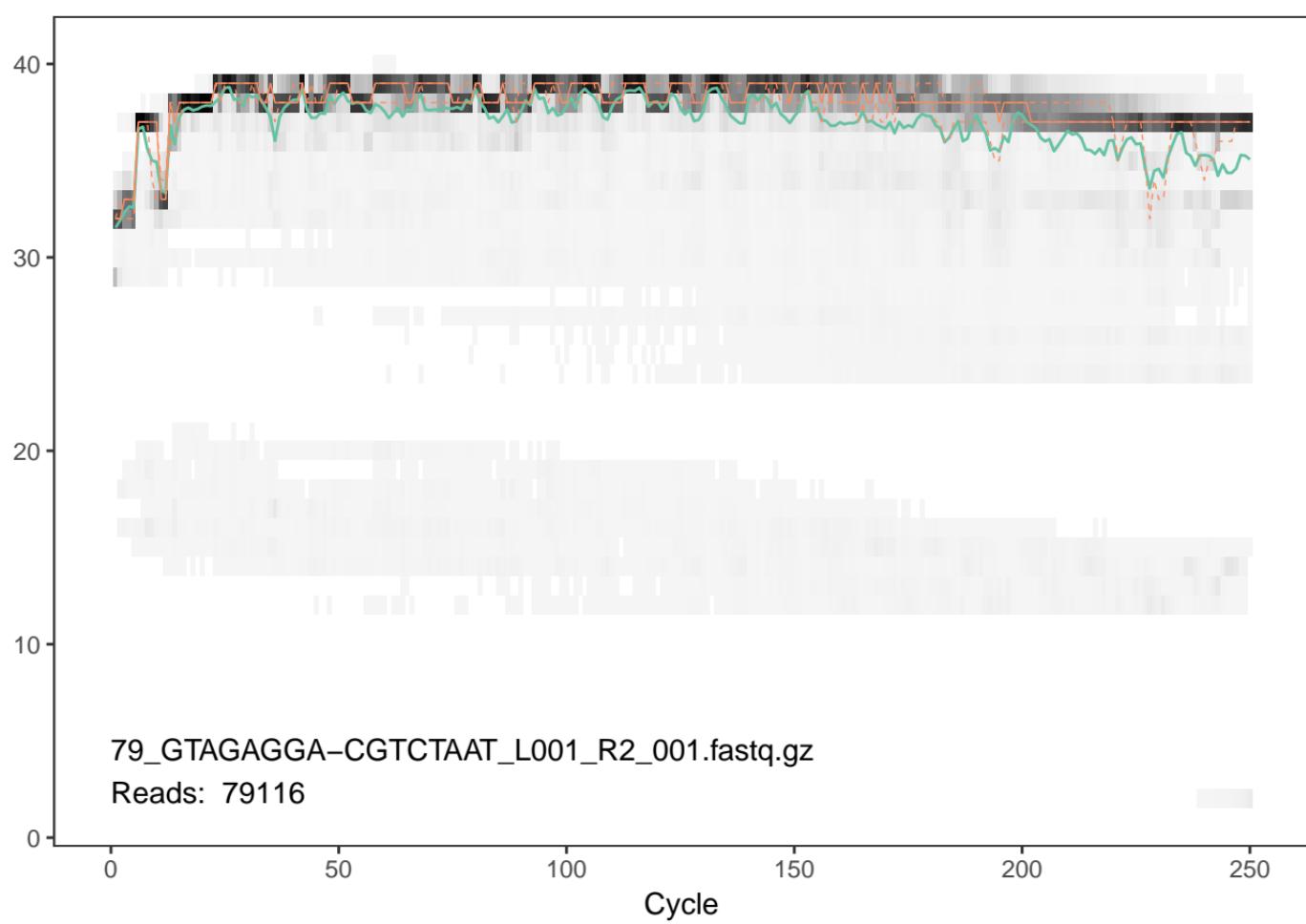
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

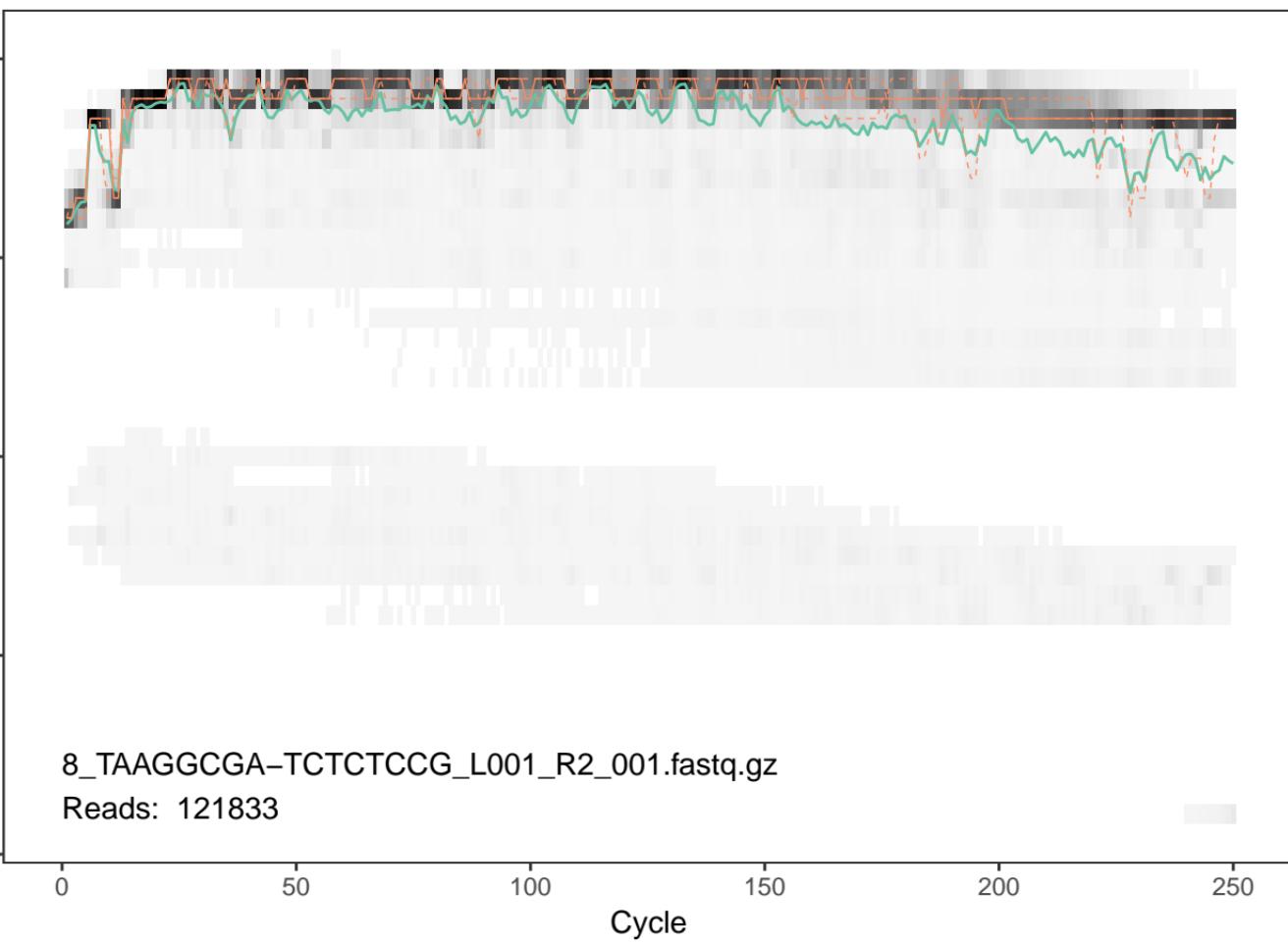
10

0

Cycle

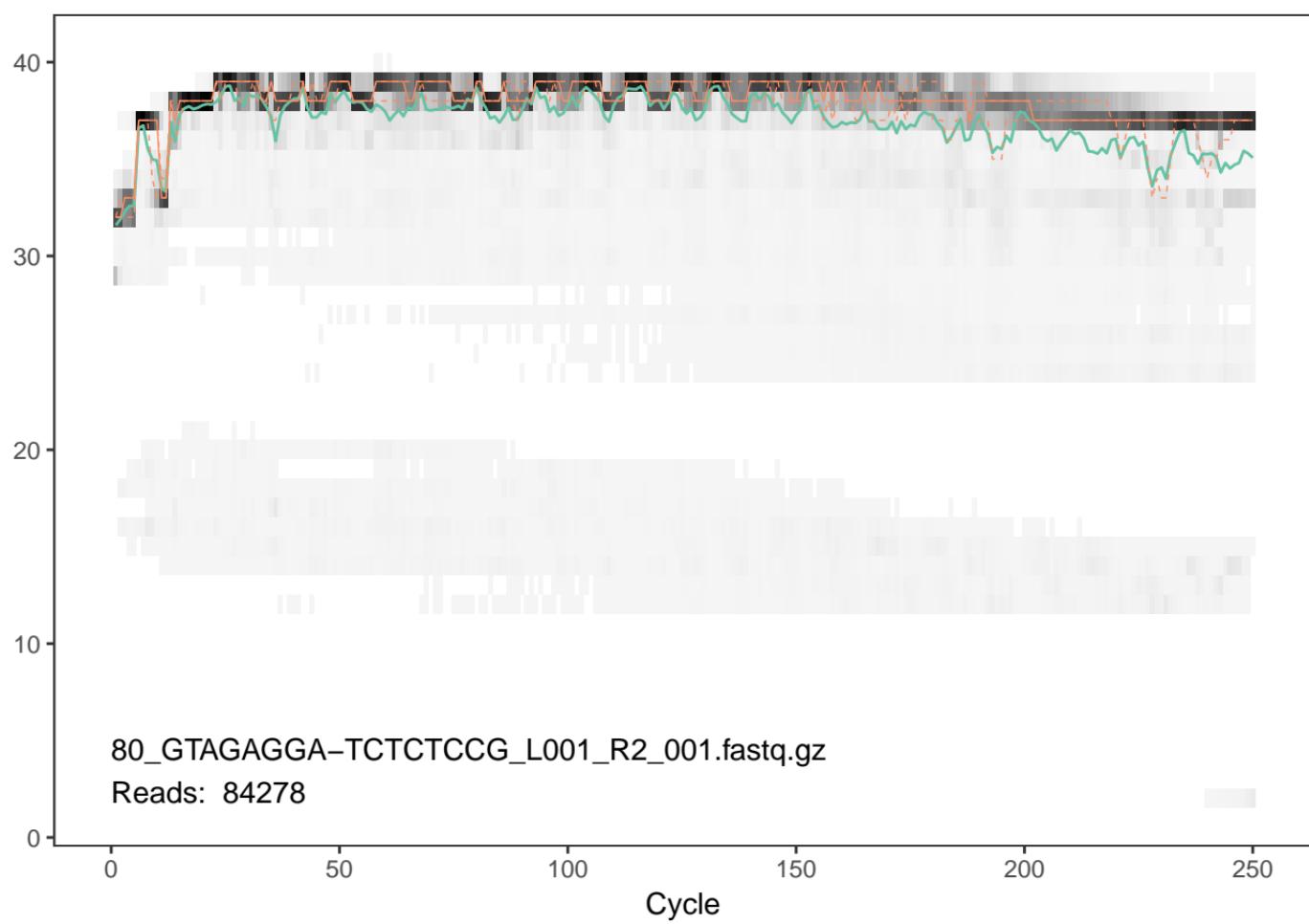
8_TAAGGCGA-TCTCTCCG_L001_R2_001.fastq.gz

Reads: 121833



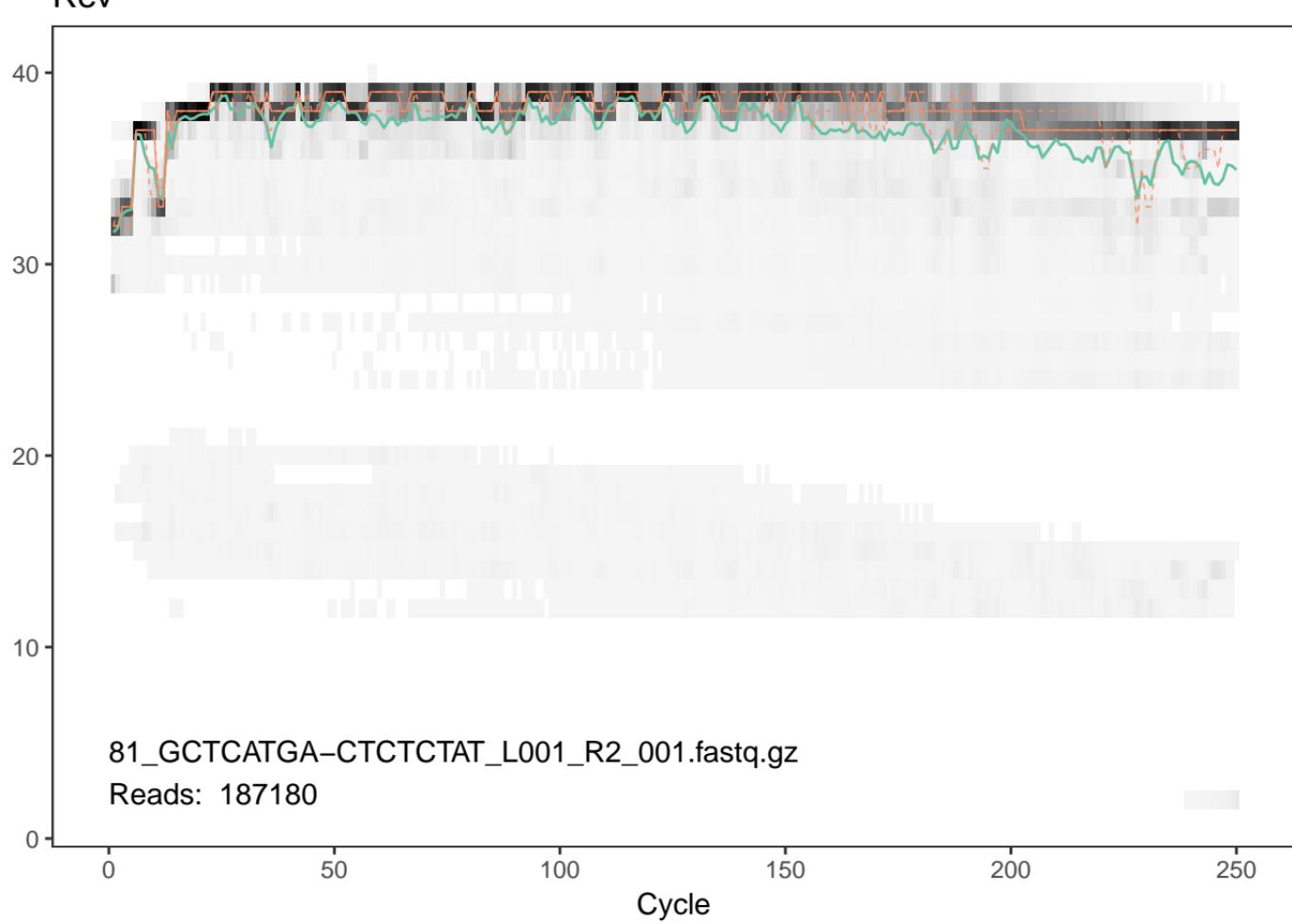
Rev

Quality Score



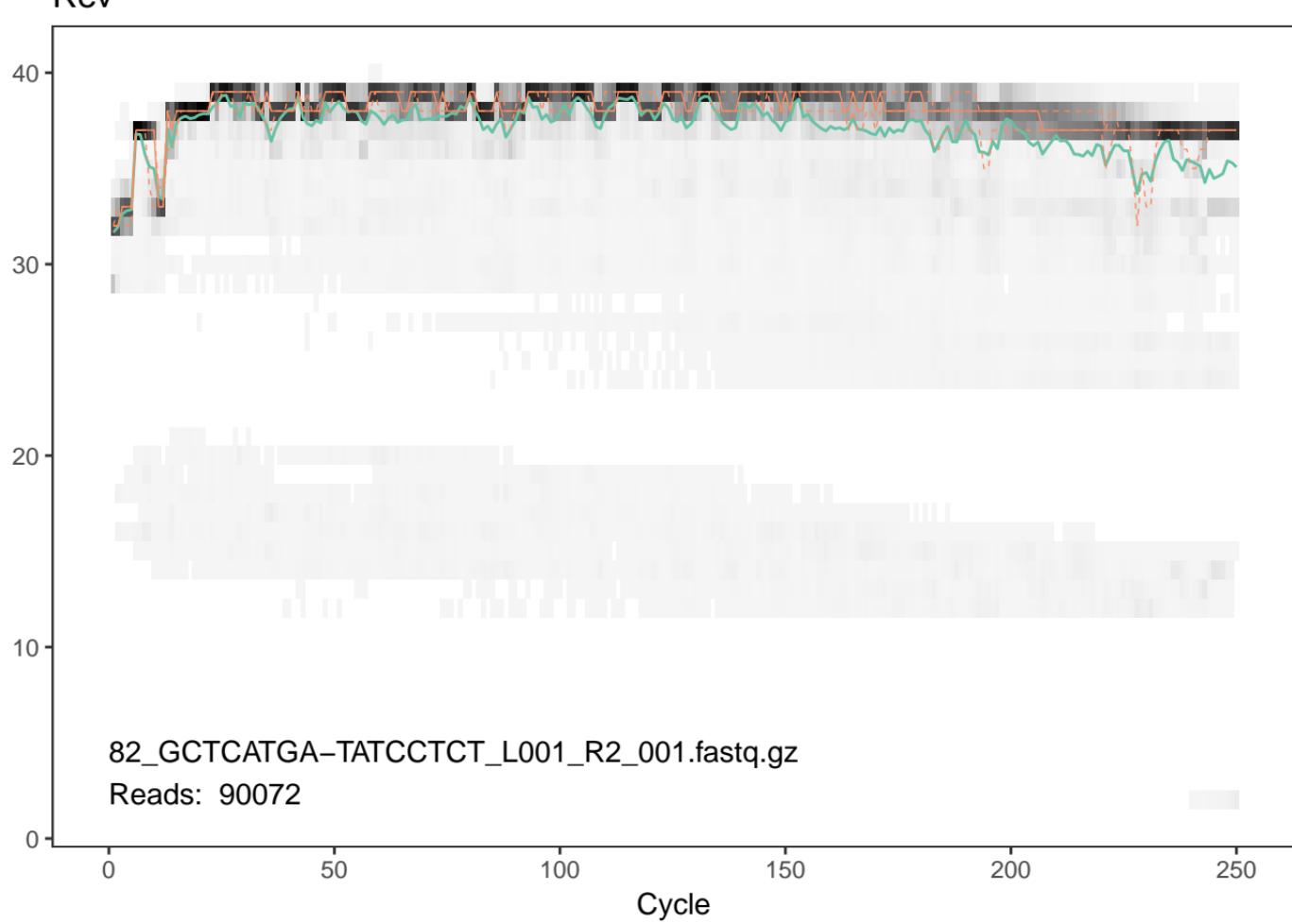
Rev

Quality Score



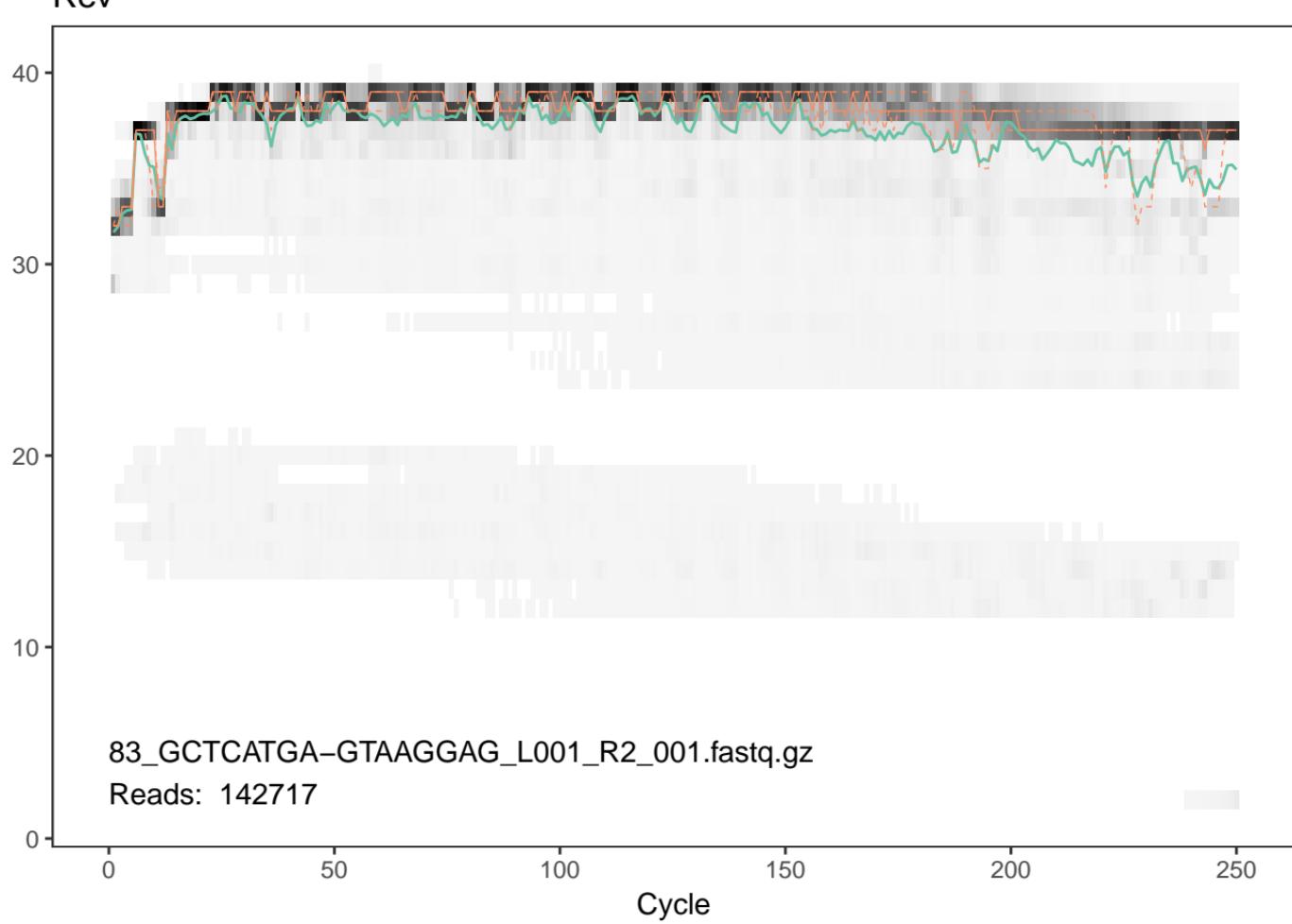
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

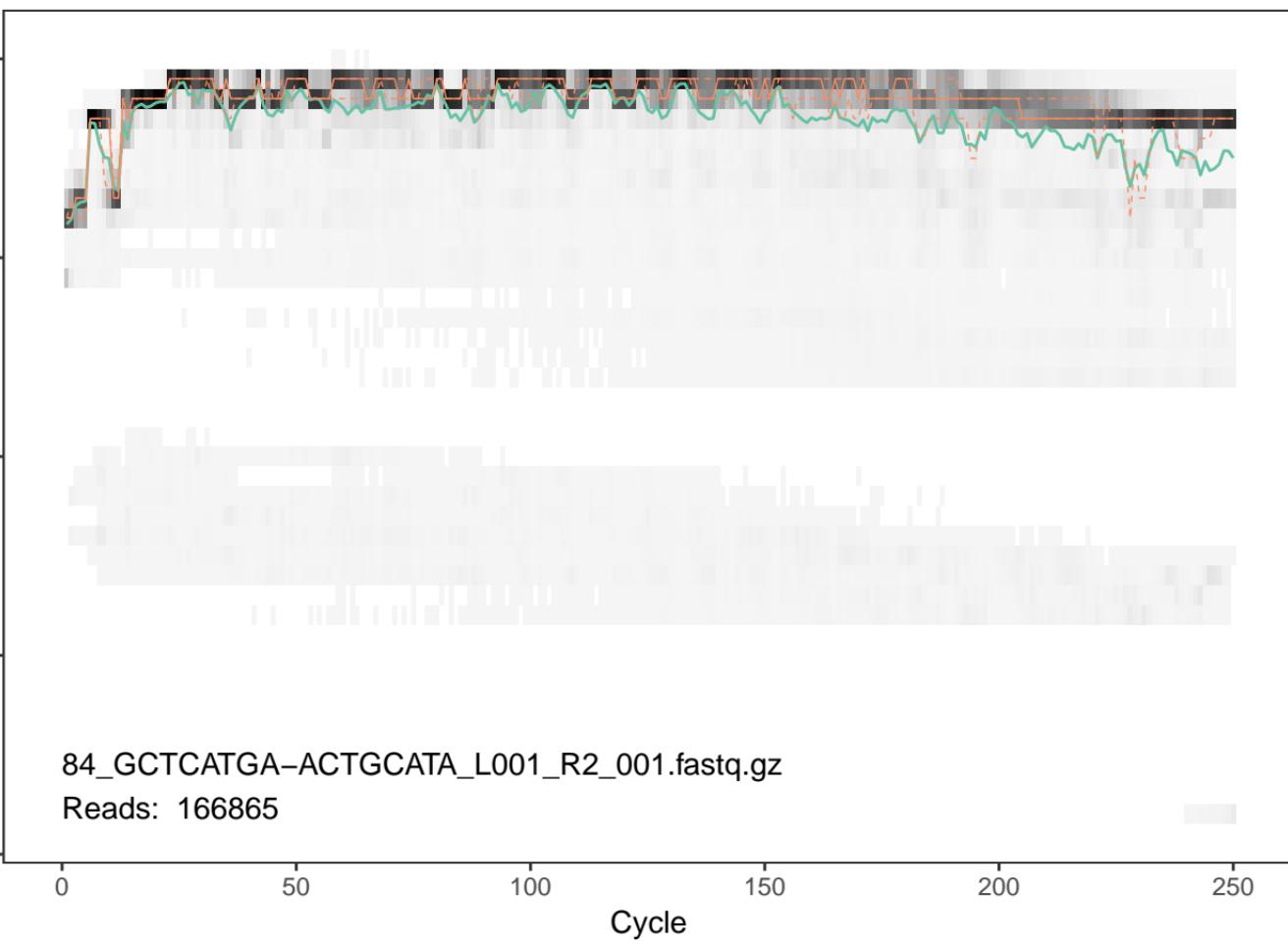
10

0

Cycle

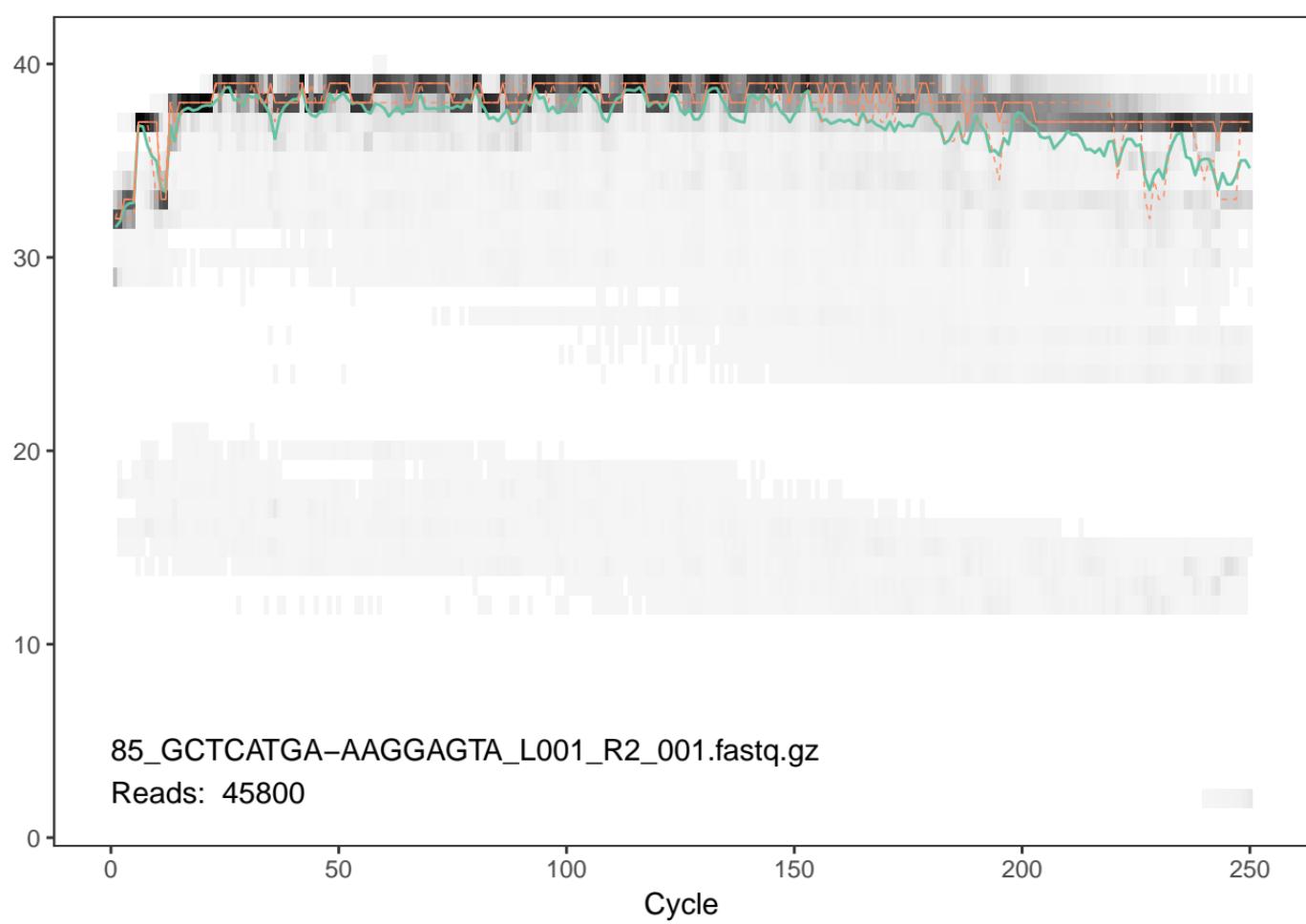
84_GCTCATGA-ACTGCATA_L001_R2_001.fastq.gz

Reads: 166865



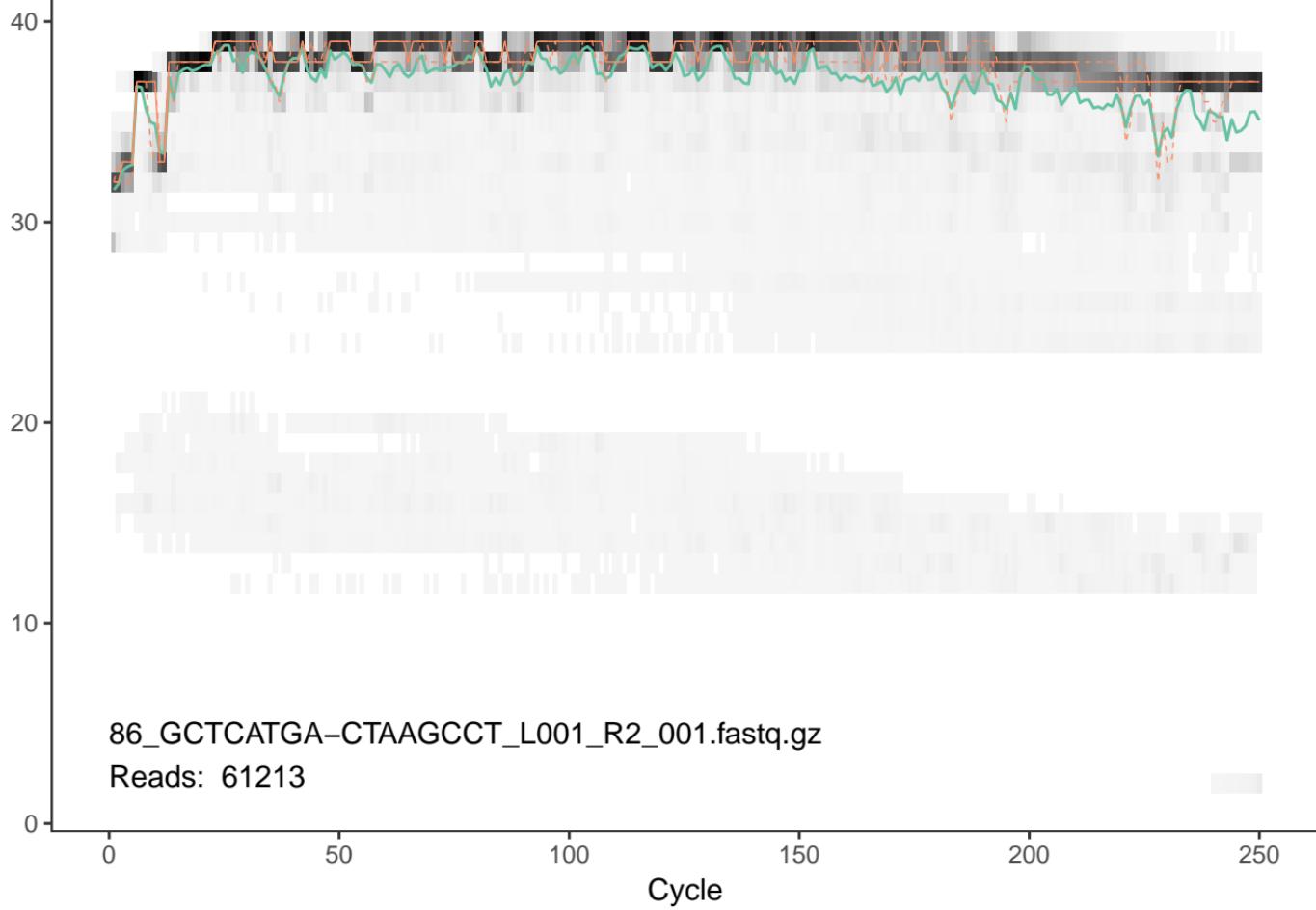
Rev

Quality Score



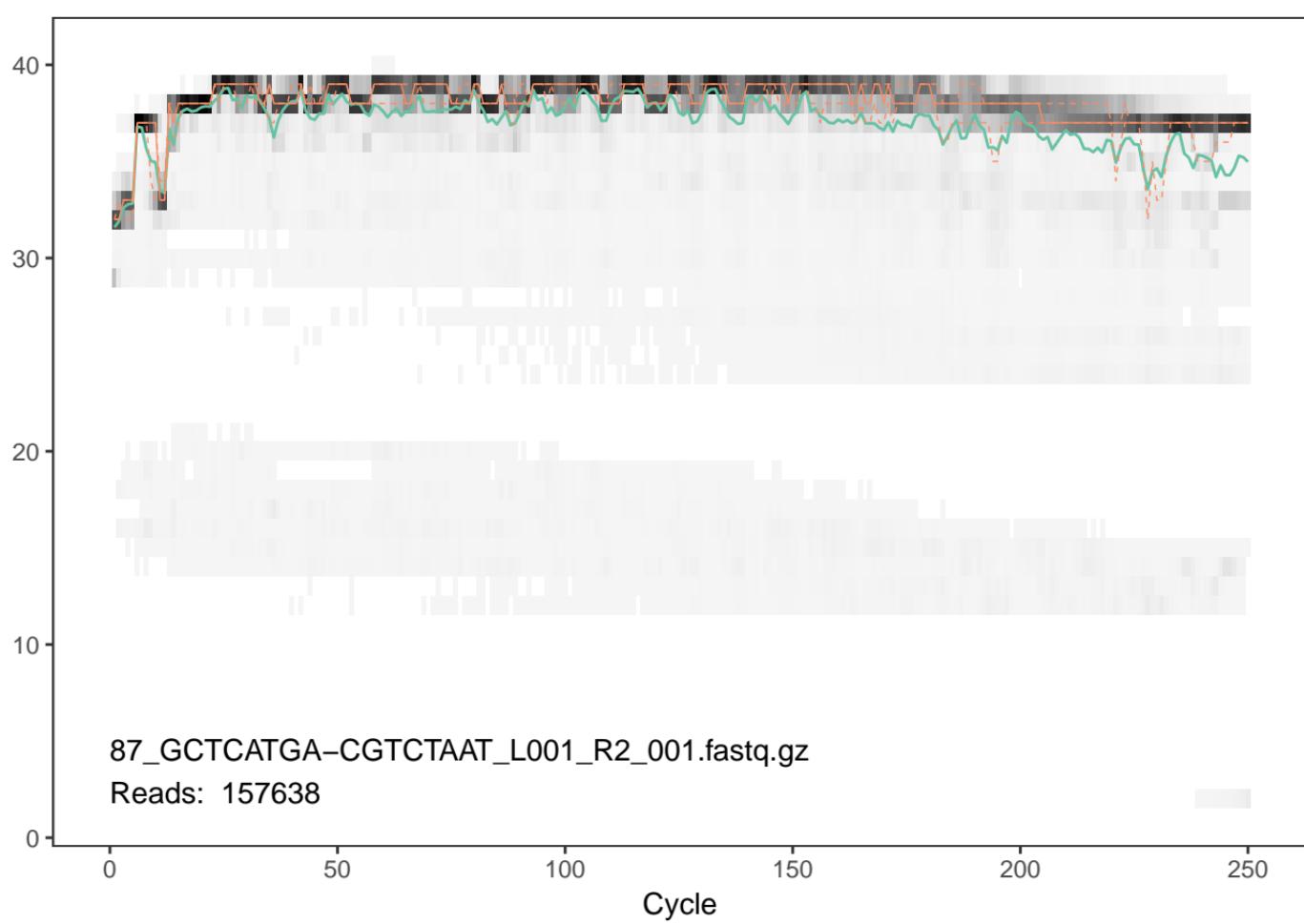
Rev

Quality Score



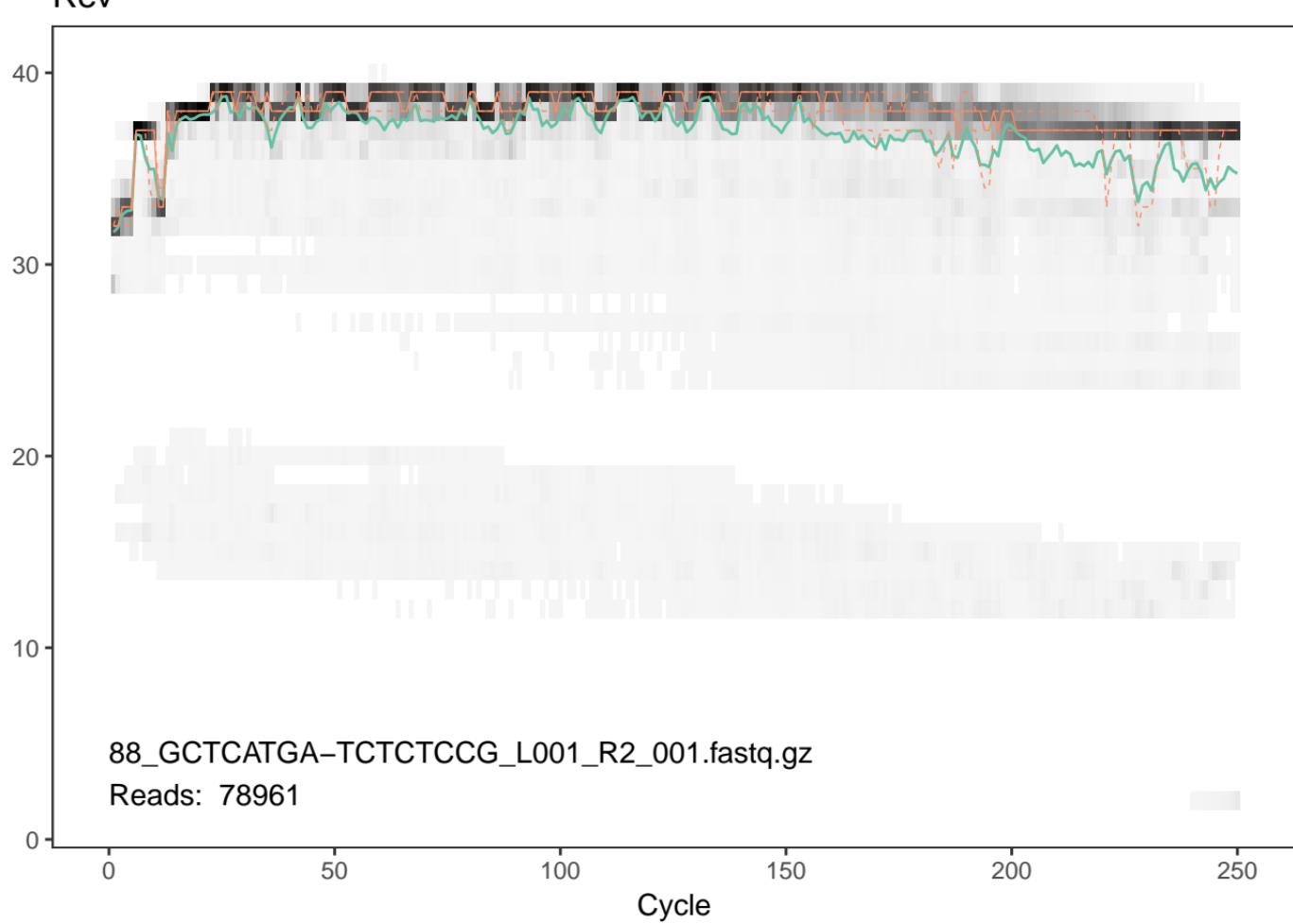
Rev

Quality Score



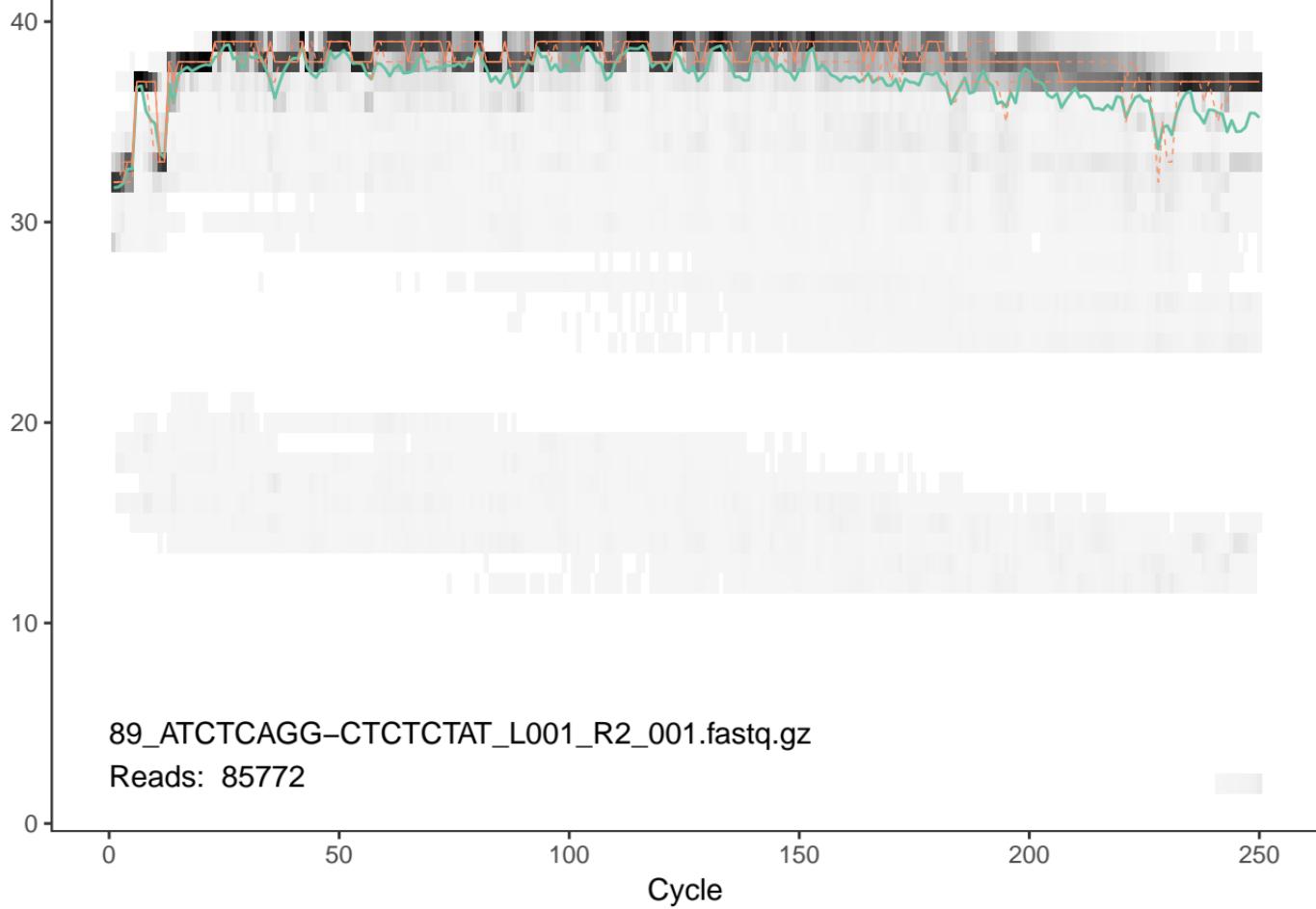
Rev

Quality Score



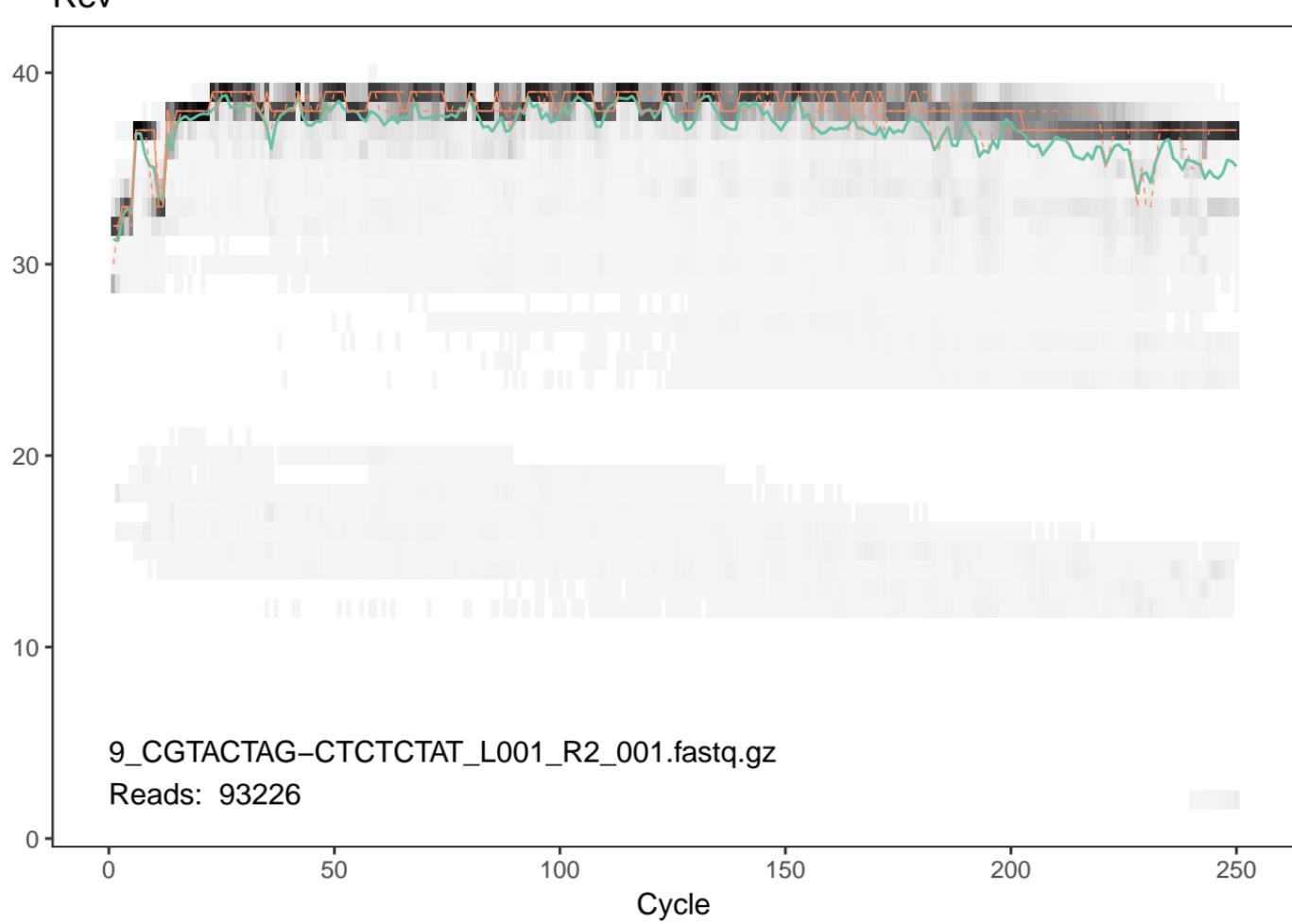
Rev

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

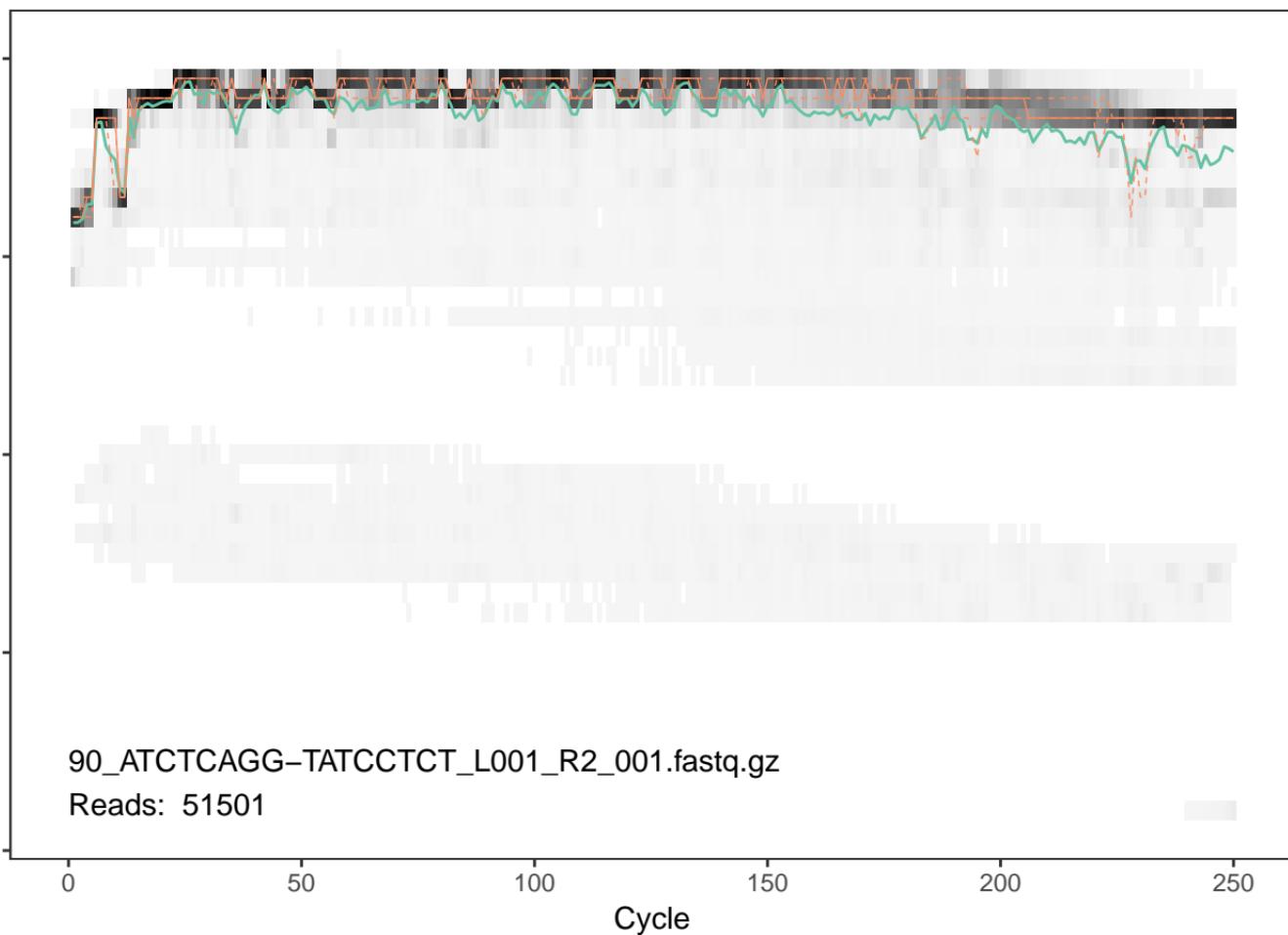
100

150

200

250

Cycle



Rev

Quality Score

40

30

20

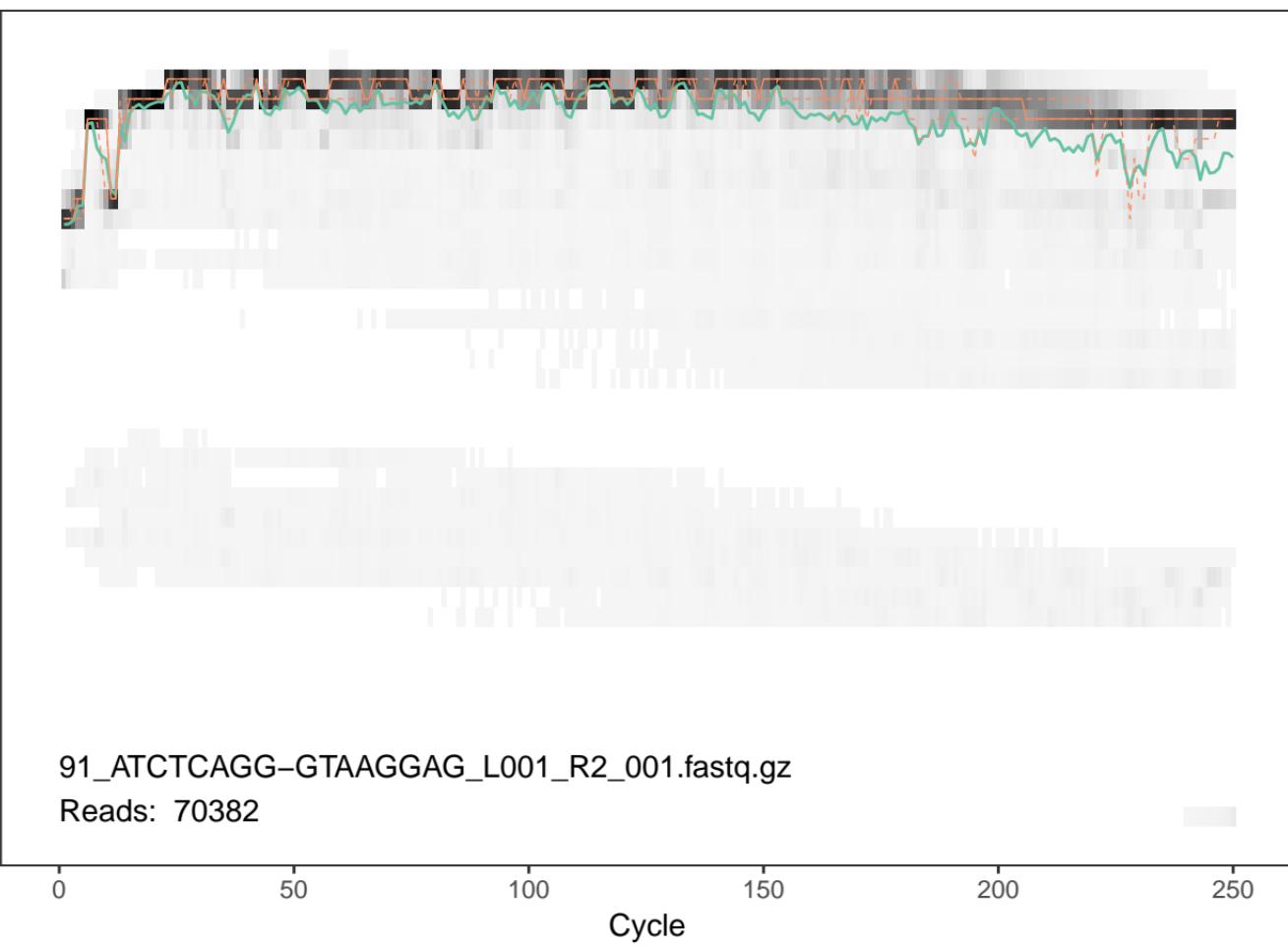
10

0

Cycle

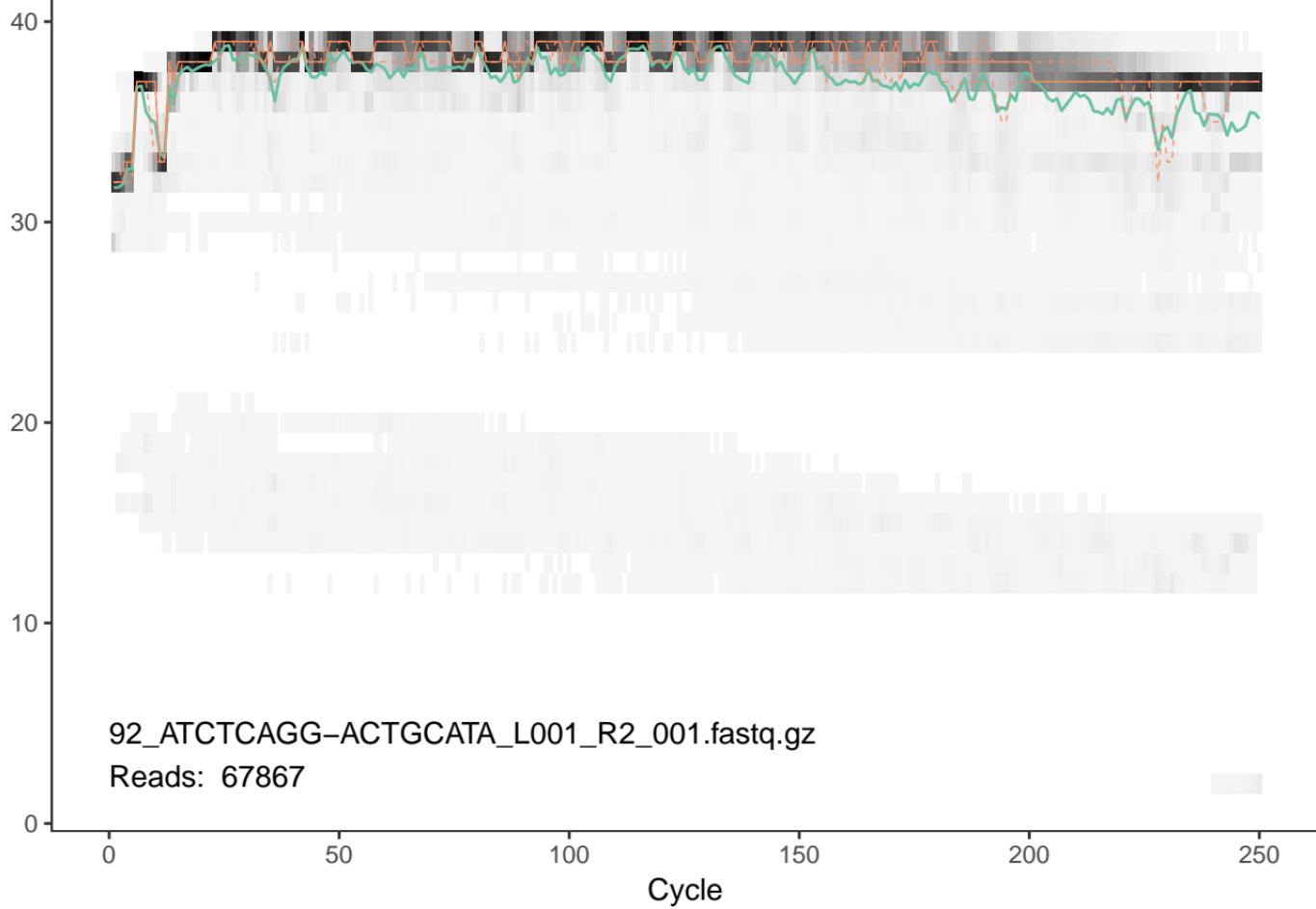
91_ATCTCAGG-GTAAGGAG_L001_R2_001.fastq.gz

Reads: 70382



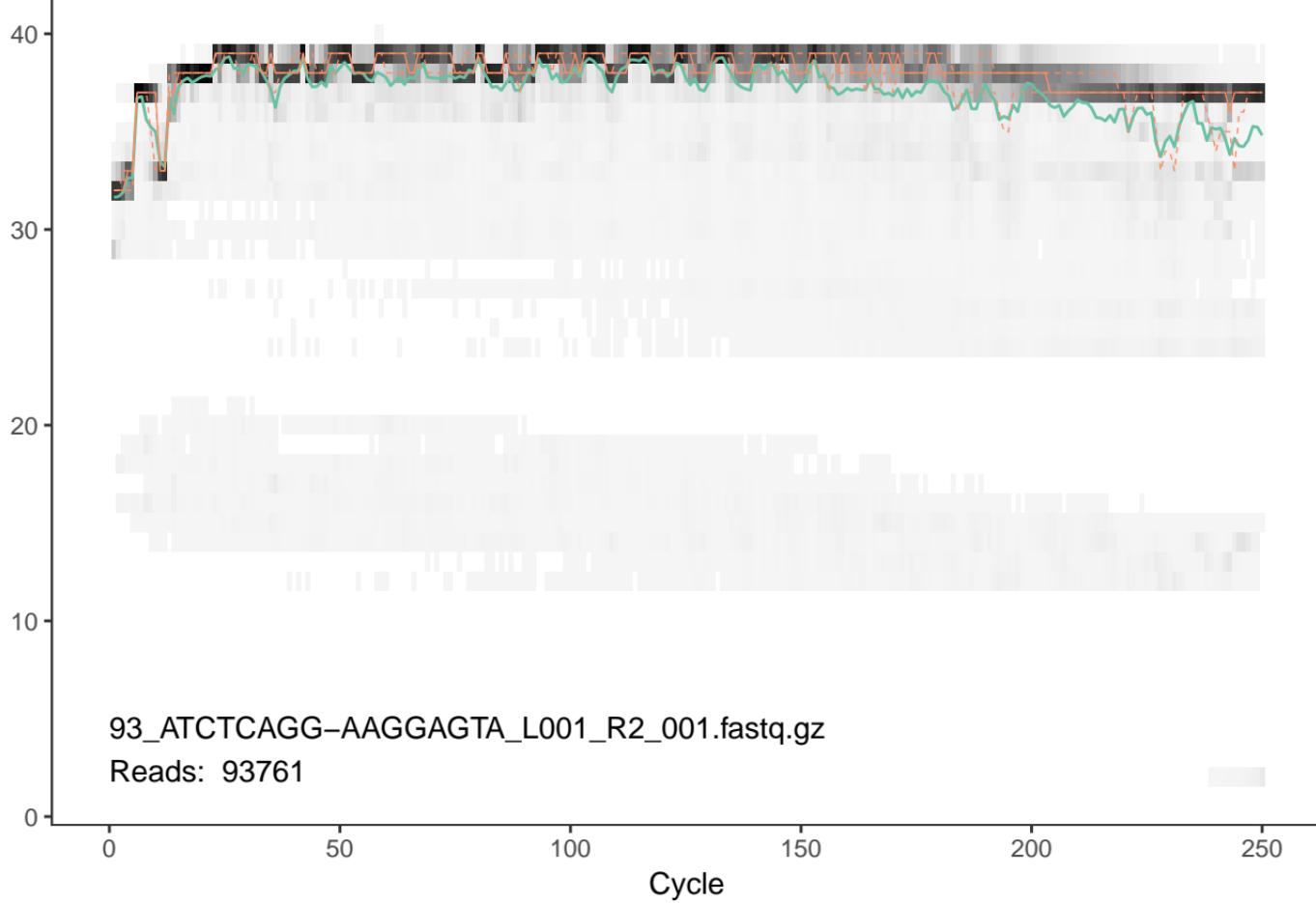
Rev

Quality Score



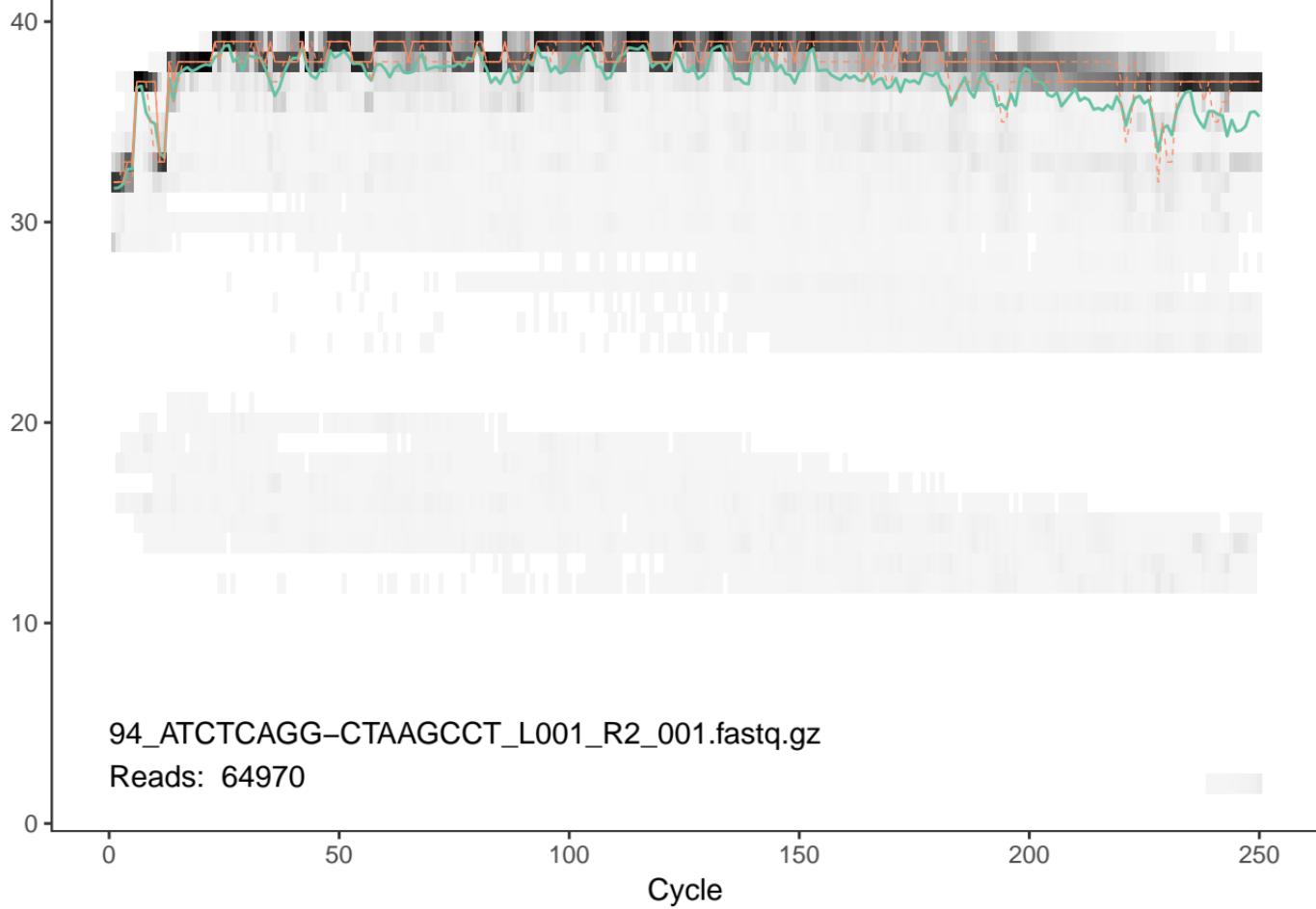
Rev

Quality Score



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

95_ATCTCAGG-CGTCTAAT_L001_R2_001.fastq.gz

Reads: 129520

0

50

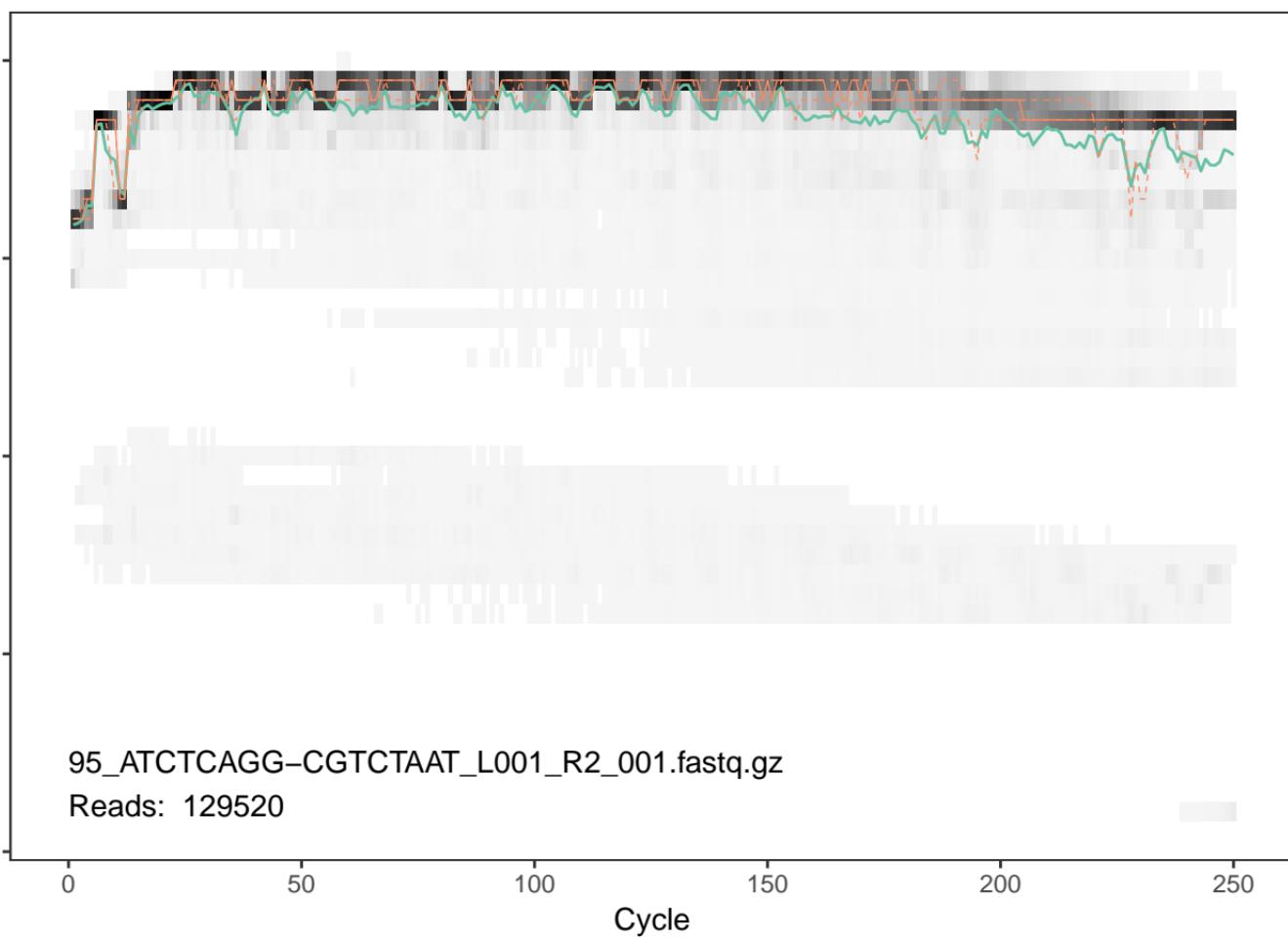
100

150

200

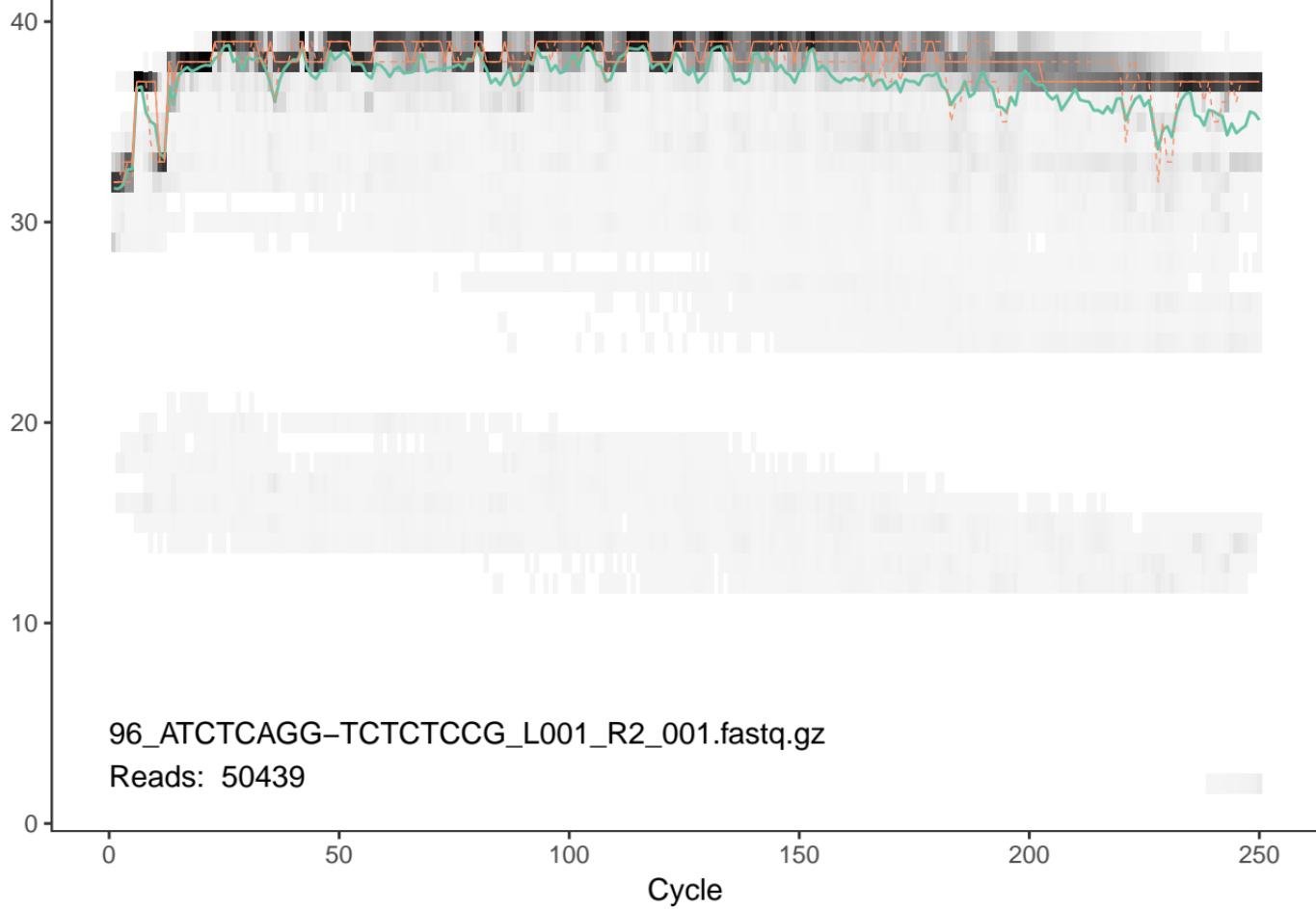
250

Cycle



Rev

Quality Score



Rev

Quality Score

40

30

20

10

0

97_ACTCGCTA-CTCTCTAT_L001_R2_001.fastq.gz

Reads: 108147

0

50

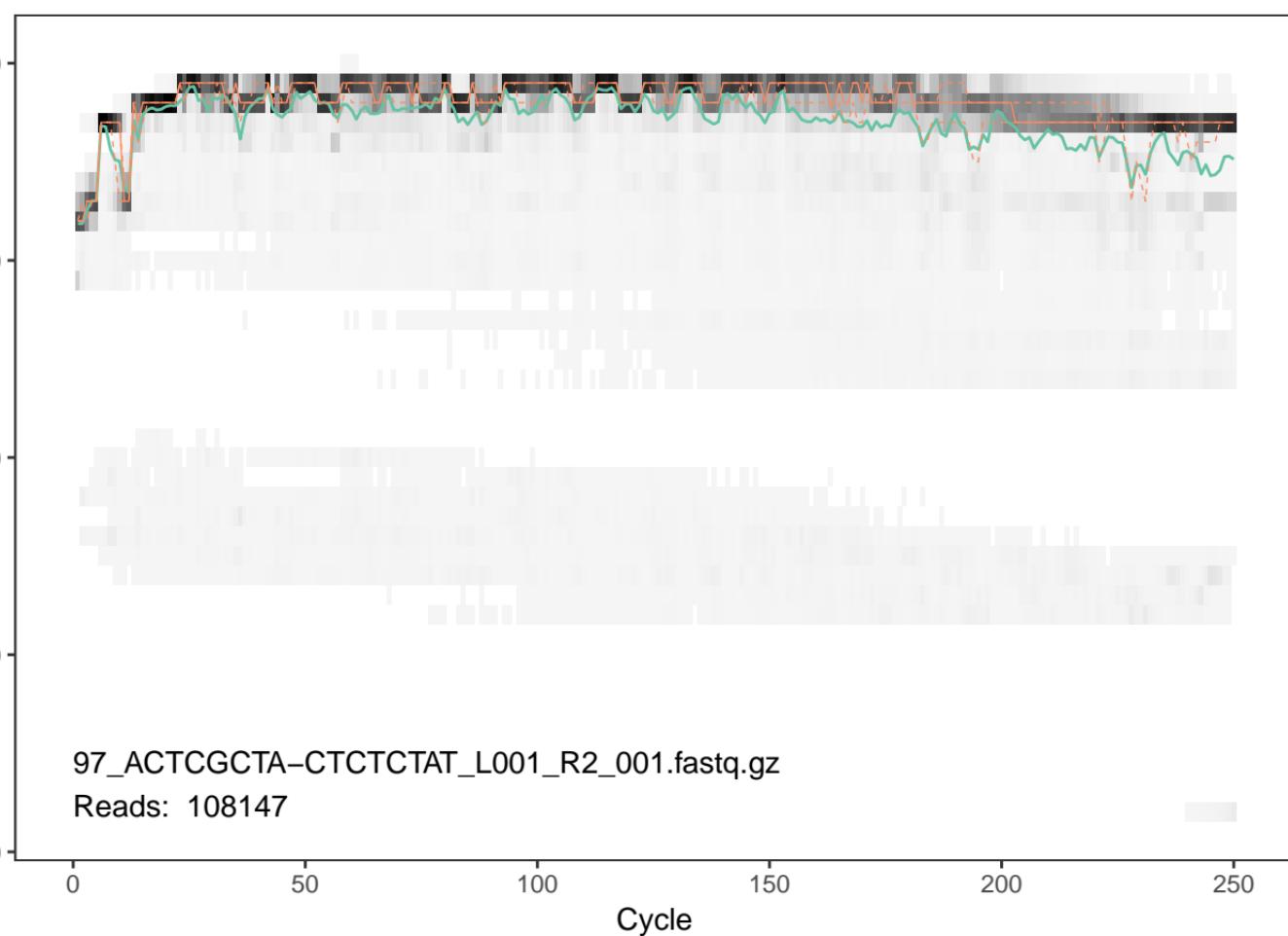
100

150

200

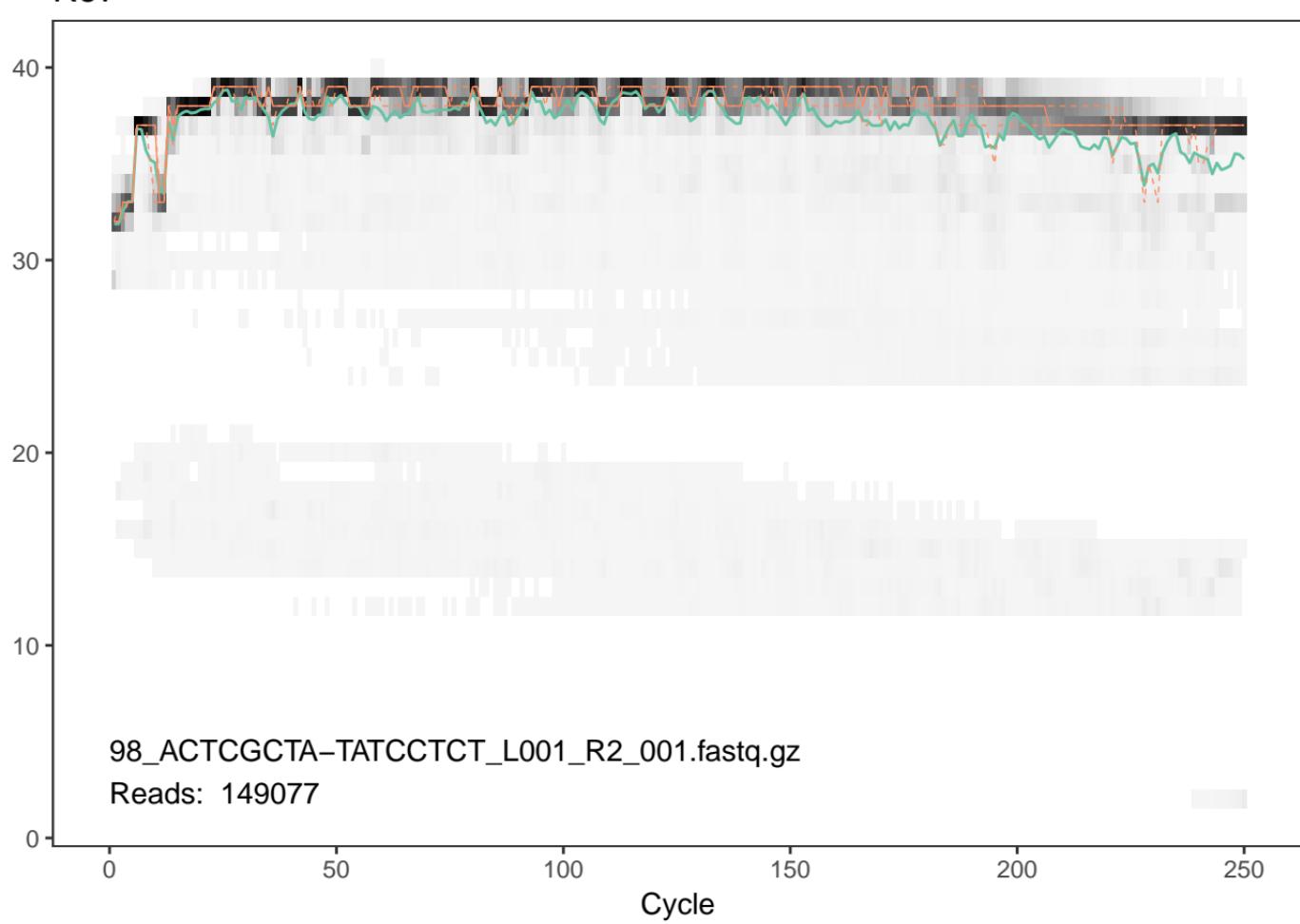
250

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

