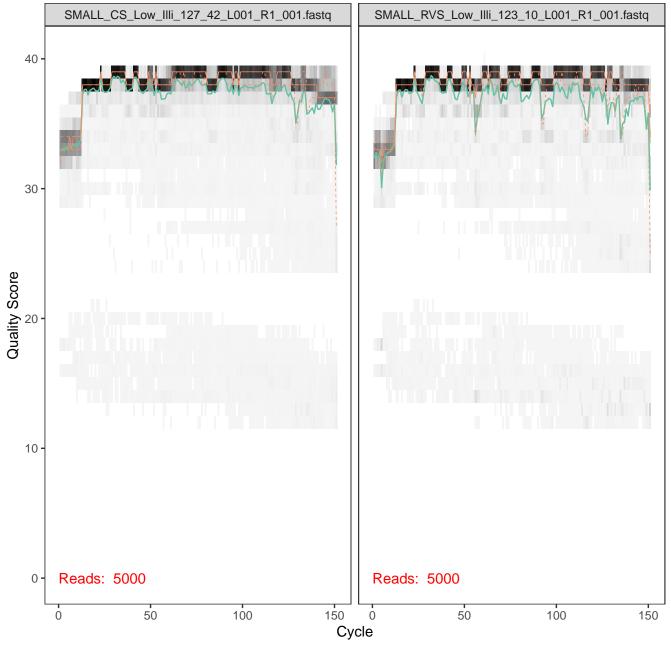
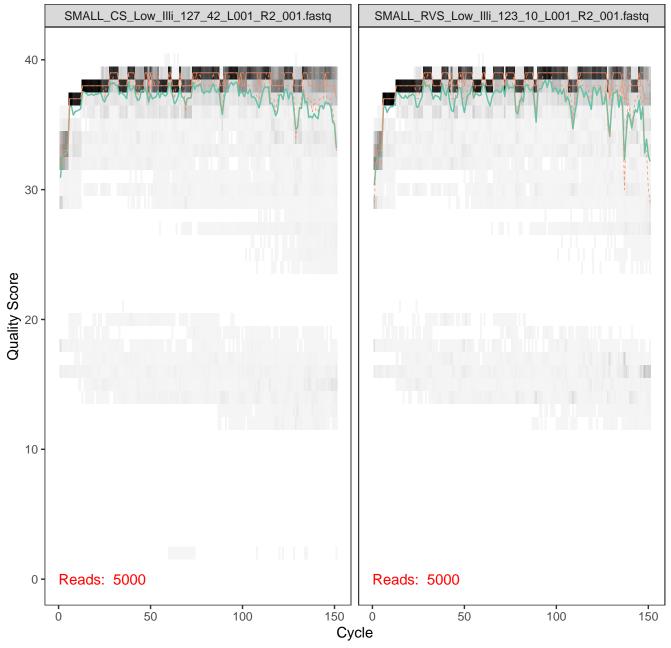
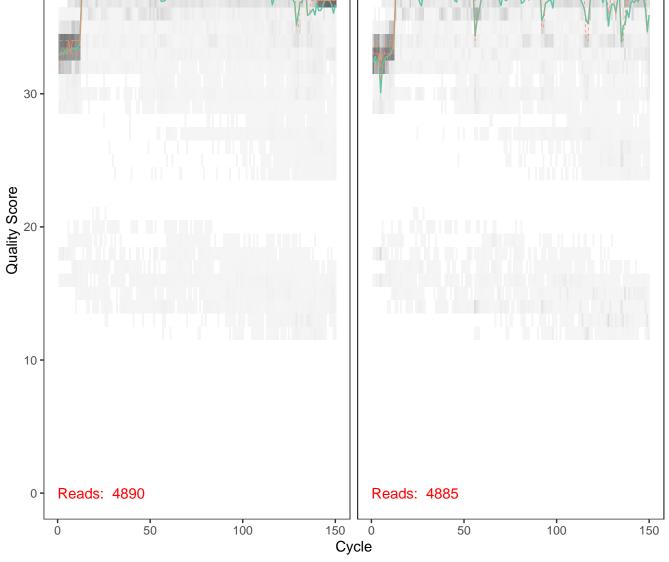
page 1 of 12



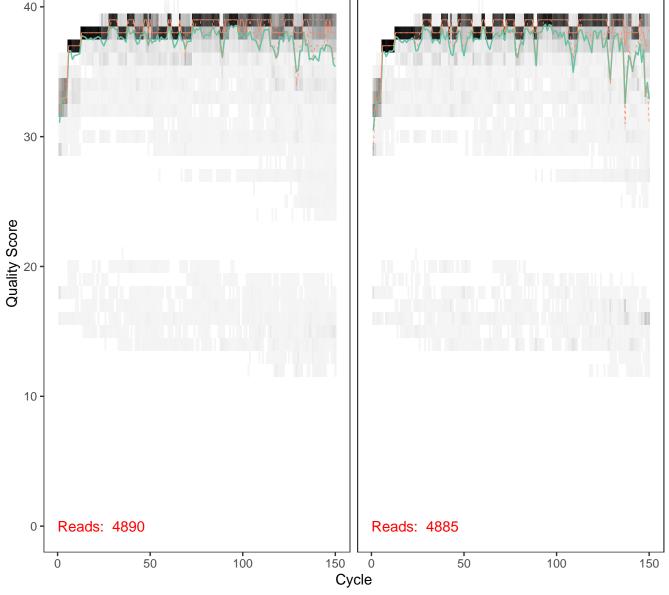
page 2 of 12



page 3 of 12 npleSMALL\_CS\_Low\_Illi\_127\_42\_L001\_\_Run1\_F\_filt.fas | pleSMALL\_RVS\_Low\_Illi\_123\_10\_L001\_\_Run1\_F\_filt.fas 40 -30 -



page 4 of 12 npleSMALL\_CS\_Low\_Illi\_127\_42\_L001\_\_Run1\_R\_filt.fas | pleSMALL\_RVS\_Low\_Illi\_123\_10\_L001\_ Run1\_R\_filt.fas 40 -30 -



page 5 of 12 A2A A2C A2G A2T 1e+00 1e-01 1e-02 1e-03 1e-04 **-**C2A C2C C2G C2T 1e+00 1e-01 1e-02 Error frequency (log10) 1e-03 -1e-04 -1e-01 -1e-02 -G2C G2G G2A G2T 1e-03 1e-04 · T2G T2A T2C T2T 1e+00 1e-01 1e-02

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1e-03

10

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30

40 0

10

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30

40 0

Consensus quality score

10

20

30

40 0

page 6 of 12 A2A A2C A2G A2T 1e+00 1e-01 1e-02 1e-03 1e-04 **-**C2A C2C C2G C2T 1e+00 1e-01 1e-02 Error frequency (log10) 1e-03 -1e-04 -1e-01 -1e-02 -G2C G2G G2A G2T 1e-03 1e-04 **-**T2C T2G T2A T2T 1e+00 1e-01 1e-02 1e-03 1e-04 ·

20

30

40 0

Consensus quality score

10

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30

40 0

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40 0

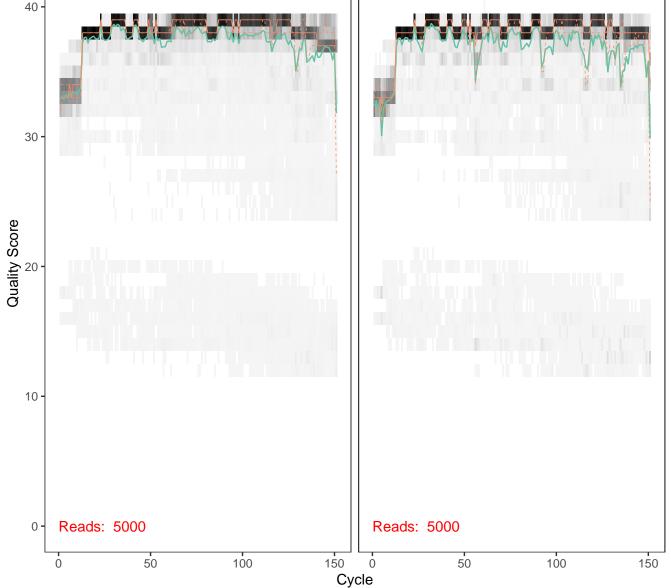
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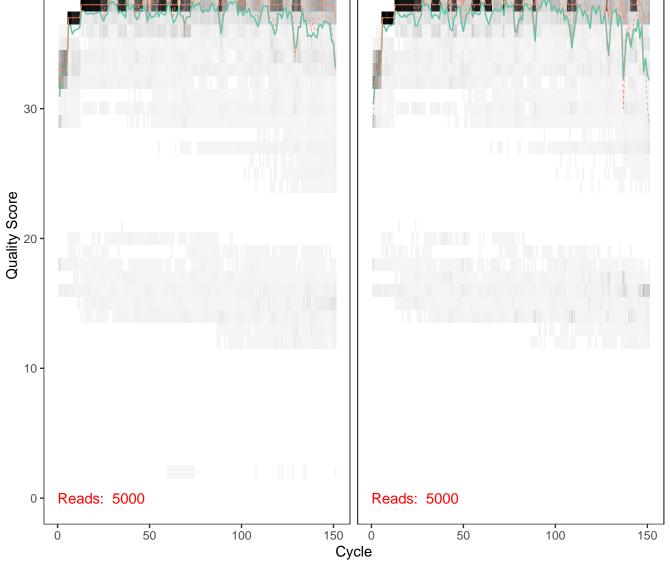
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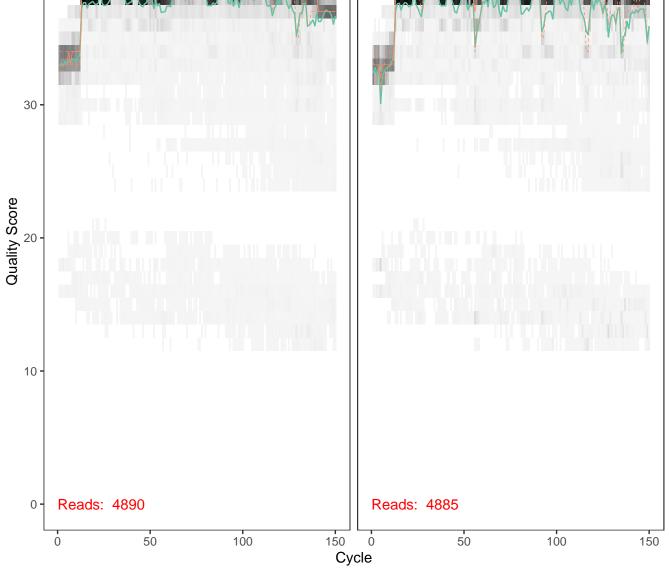
page 7 of 12 MALLDuplicate\_CS\_Low\_Illi\_127\_42\_L001\_R1\_001.fast MALLDuplicate\_RVS\_Low\_Illi\_123\_10\_L001\_R1\_001.fast 40 -



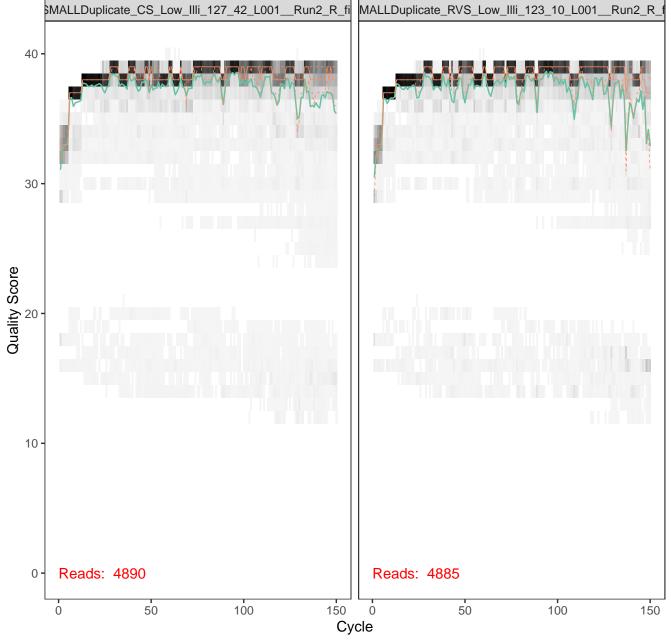
page 8 of 12 MALLDuplicate\_CS\_Low\_Illi\_127\_42\_L001\_R2\_001.fast MALLDuplicate\_RVS\_Low\_Illi\_123\_10\_L001\_R2\_001.fast 40 -30 -



page 9 of 12 \_Run2\_F\_fii MALLDuplicate\_RVS\_Low\_IIIi\_123\_10\_L001\_\_Run2\_F\_f MALLDuplicate\_CS\_Low\_IIIi\_127\_42\_L001\_ 40 -30 -



page 10 of 12



page 11 of 12 A2C A2A A2G A2T 1e+00 1e-01 1e-02 1e-03 1e-04 **-**C2A C2C C2G C2T 1e+00 1e-01 1e-02 Error frequency (log10) 1e-03 -1e-04 -1e-01 -1e-02 -G2C G2G G2A G2T 1e-03 1e-04 · T2G T2A T2C T2T 1e+00 1e-01 1e-02 1e-03 1e-04 · 20 10 20 30 40 Ö 10 20 30 40 Ö 10 20 30 40 Ö 10 30 40 Consensus quality score

page 12 of 12 A2C A2A A2G A2T 1e+00 1e-01 1e-02 1e-03 1e-04 **-**C2A C2C C2G C2T 1e+00 1e-01 1e-02 Error frequency (log10) 1e-03 -1e-04 -1e-01 -1e-02 -G2C G2G G2A G2T 1e-03 1e-04 **-**T2C T2G T2A T2T 1e+00 1e-01 1e-02 1e-03 1e-04 · 20 20 10 20 30 40 Ö 10 30 40 Ö 10 20 30 40 Ö 10 30 40

Consensus quality score