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NanoPlot report

Summary statistics

General summary:

Mean read length:	5479.0
Mean read quality:	6.0
Median read length:	3394.0
Median read quality:	6.6
Number of reads:	19516142
Read length N50:	10084
Total bases:	106928937255

Number, percentage and megabases of reads above quality cutoffs

>Q5:	14548673 (74.5%) 93501.4Mb
>Q7:	7716725 (39.5%) 51675.1Mb
>Q10:	6256 (0.0%) 13.3Mb
>Q12:	3 (0.0%) 0.0Mb
>Q15:	0 (0.0%) 0.0Mb

Top 5 highest mean basecall quality scores and their read lengths

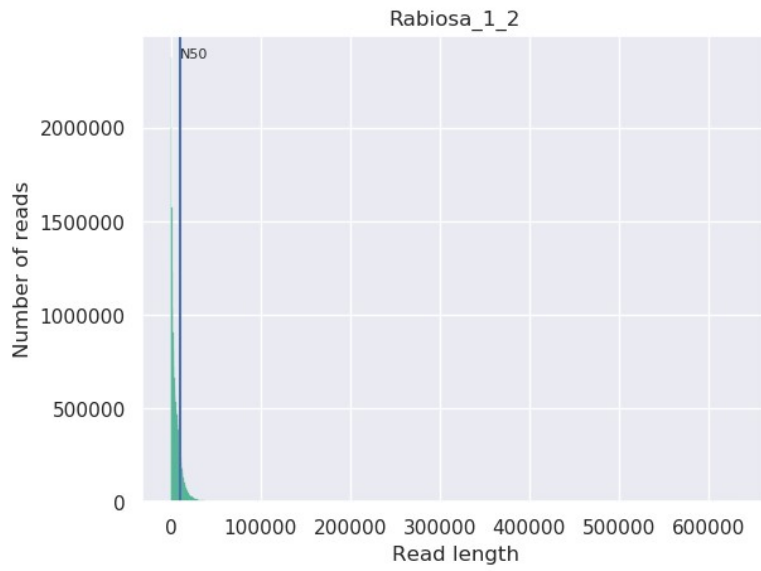
1:	12.1 (401)
2:	12.1 (1689)
3:	12.0 (452)
4:	11.6 (358)
5:	11.6 (1208)

Top 5 longest reads and their mean basecall quality score

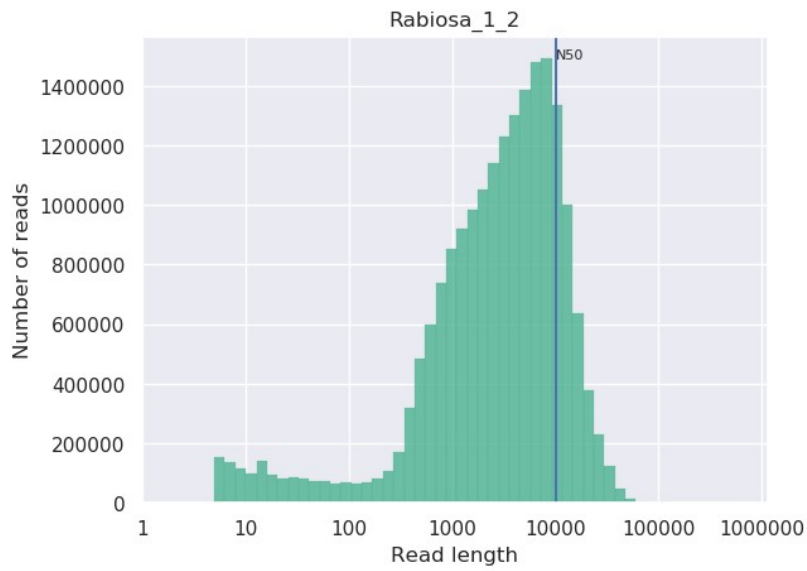
1:	634624 (6.6)
2:	607439 (5.9)
3:	572656 (8.4)
4:	546085 (4.9)
5:	545257 (3.8)

FIGURE 1

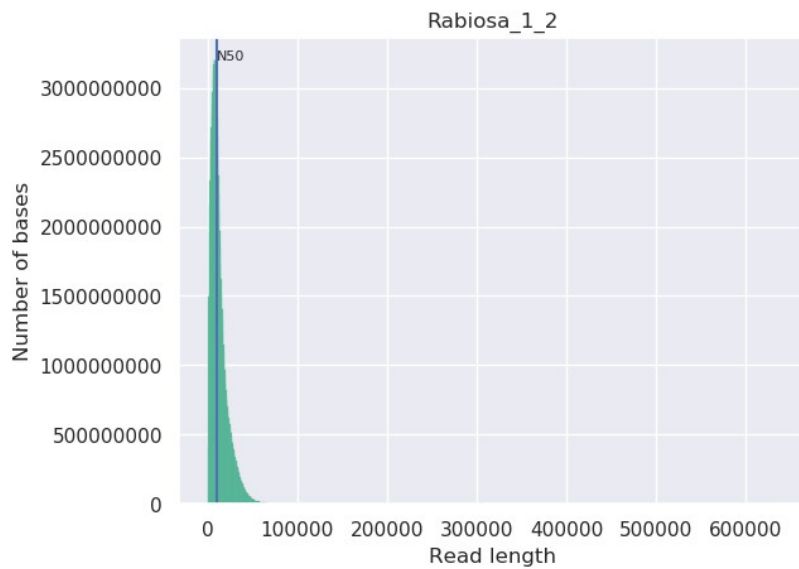
Histogram of read lengths



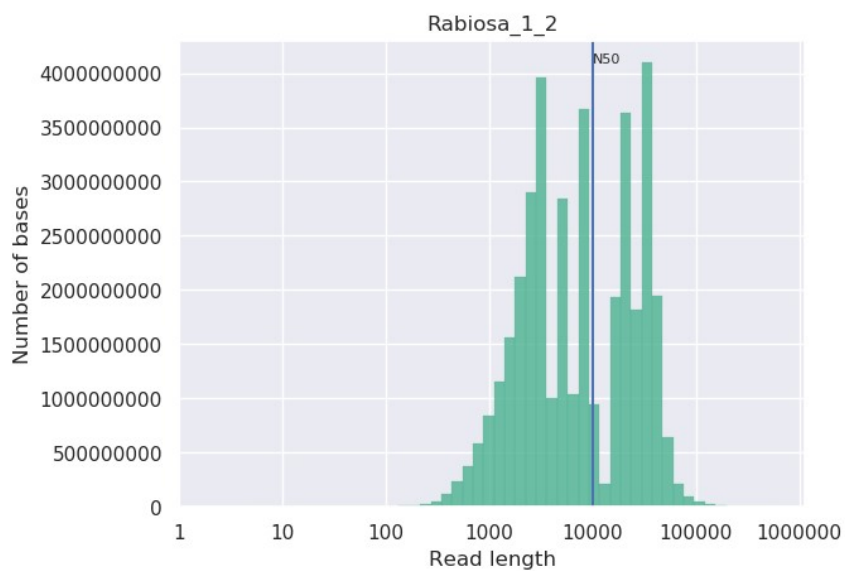
Histogram of read lengths after log transformation



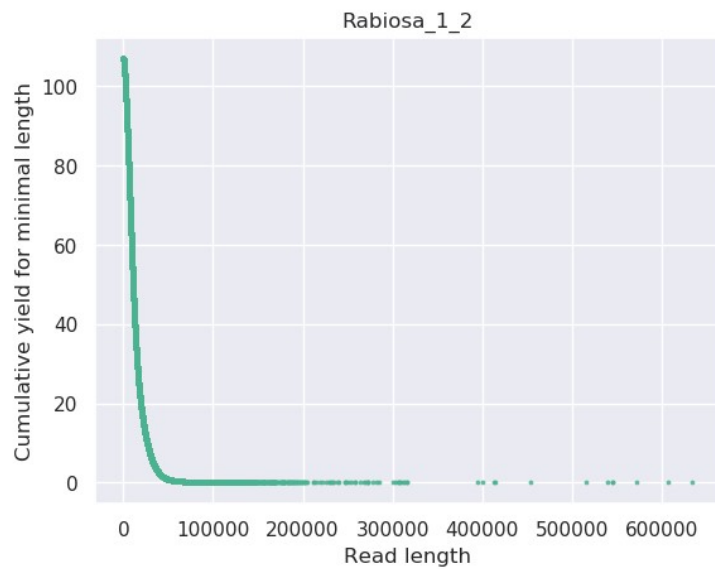
Weighted Histogram of read lengths



Weighted Histogram of read lengths after log transformation

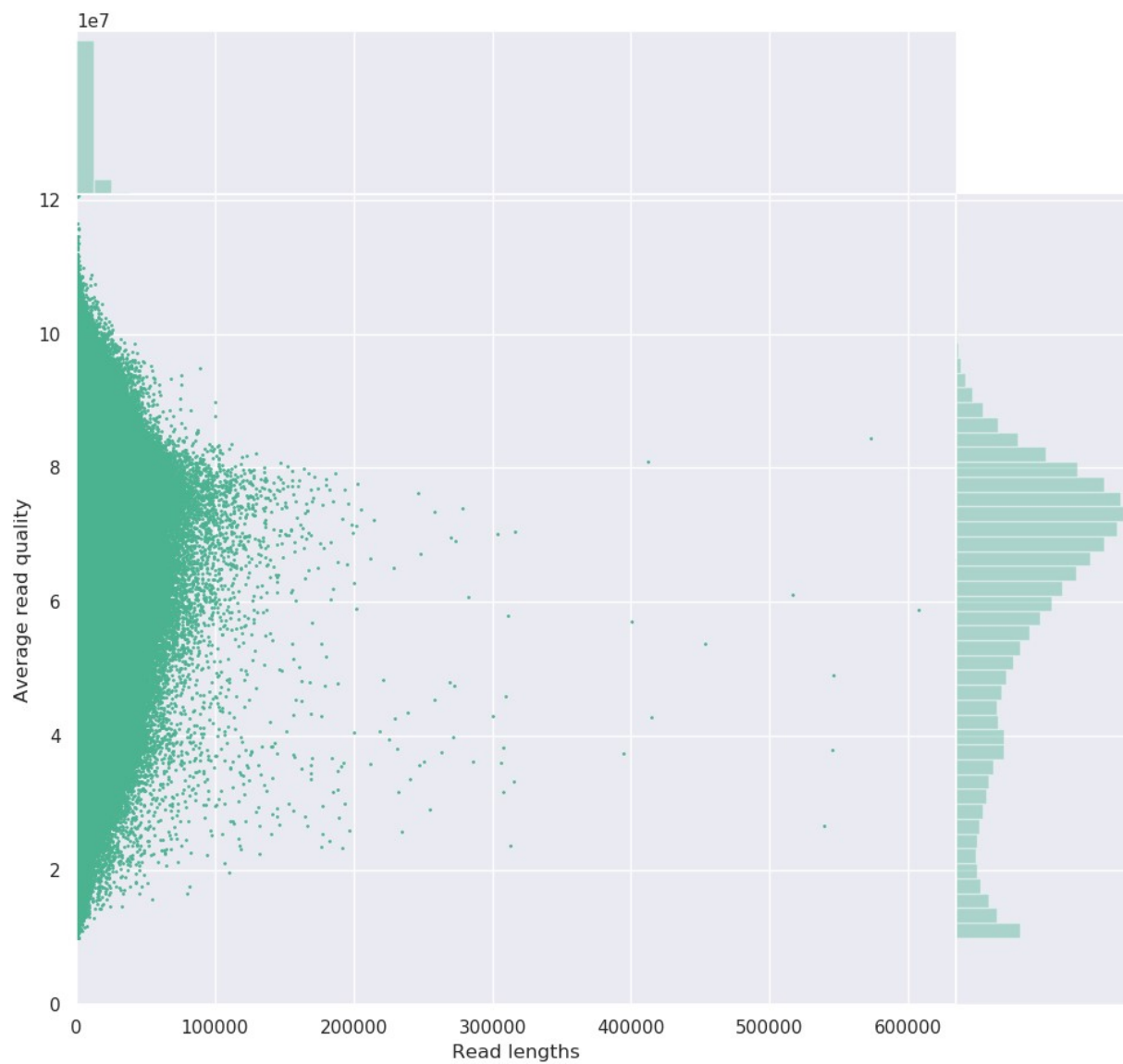


Yield by length



Read lengths vs Average read quality plot using dots

Rabiosa_1_2



Read lengths vs Average read quality plot using a kernel density estimation

Rabiosa_1_2

