

[Summary Statistics](#)

[Plots](#)

[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](#)

[Read lengths vs Average read quality plot using a kernel density estimation](#)

NanoPlot report

Summary statistics

General summary:

Mean read length:	9399.2
Mean read quality:	8.0
Median read length:	8724.0
Median read quality:	8.9
Number of reads:	453365
Read length N50:	15460
Total bases:	4261267600

Number, percentage and megabases of reads above quality cutoffs

>Q5:	387698 (85.5%) 4035.4Mb
>Q7:	348625 (76.9%) 3725.5Mb
>Q10:	57310 (12.6%) 762.7Mb
>Q12:	4 (0.0%) 0.0Mb
>Q15:	0 (0.0%) 0.0Mb

Top 5 highest mean basecall quality scores and their read lengths

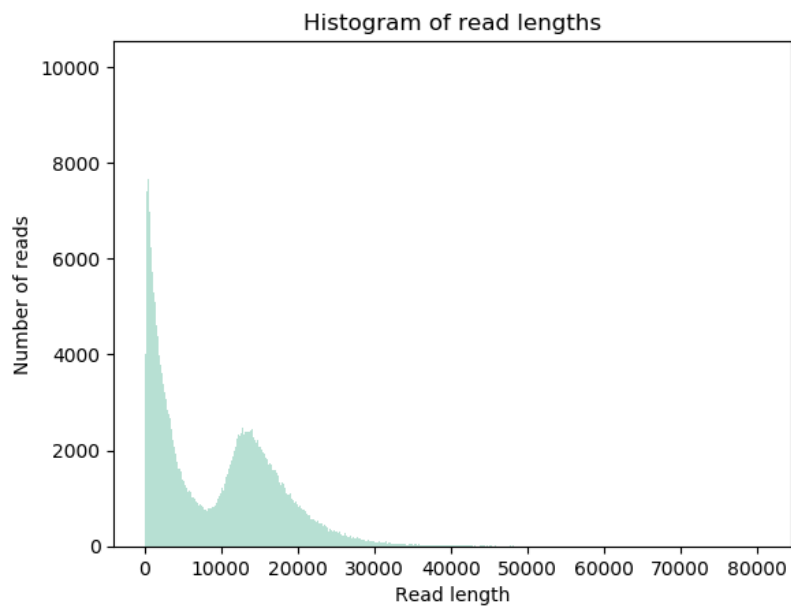
1:	12.4 (1106)
2:	12.3 (1884)
3:	12.2 (1394)
4:	12.1 (970)
5:	12.0 (2543)

Top 5 longest reads and their mean basecall quality score

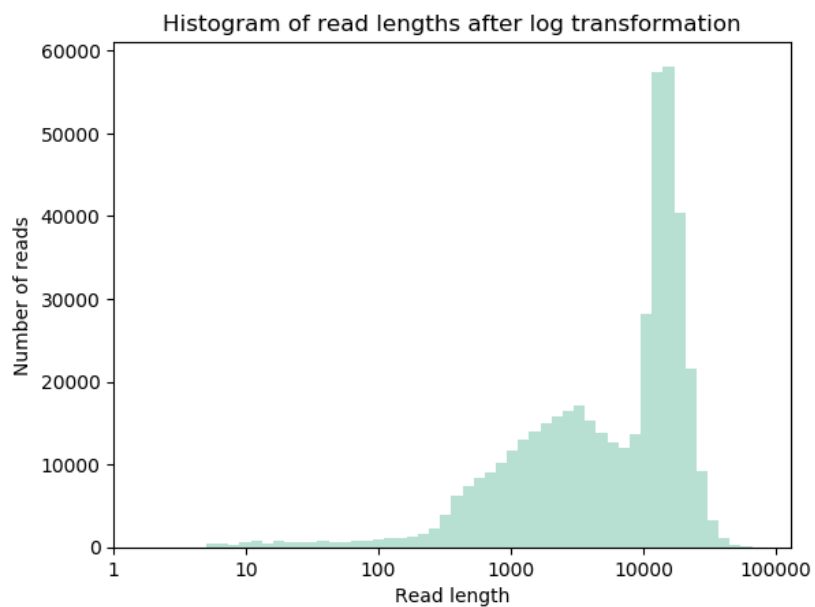
1:	80514 (6.8)
2:	79044 (2.8)
3:	77977 (6.8)
4:	76127 (6.6)
5:	75360 (7.3)

Plots

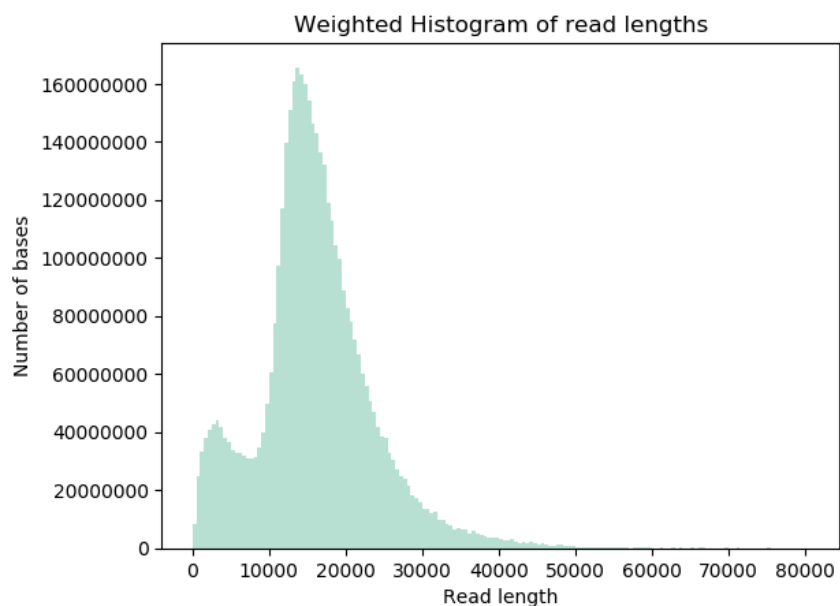
Histogram of read lengths



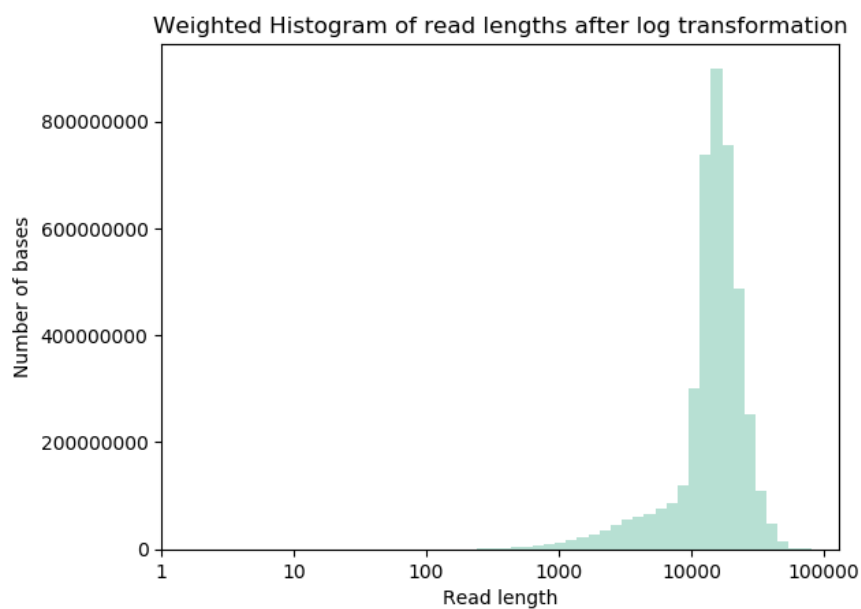
Histogram of read lengths after log transformation



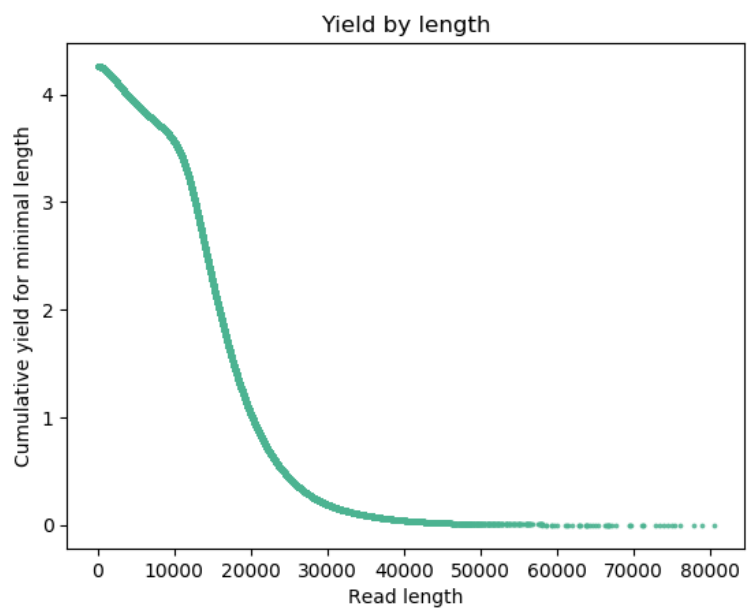
Weighted Histogram of read lengths



Weighted Histogram of read lengths after log transformation



Yield by length



Read lengths vs Average read quality plot using dots

Read lengths vs Average read quality plot



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

Read lengths vs Average read quality plot

