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NanoPlot report

Summary statistics prior to filtering

General summary:

Active channels:	23
Mean read length:	8445.2
Mean read quality:	10.5
Median read length:	5082.0
Median read quality:	10.7
Number of reads:	25
Read length N50:	19989
Total bases:	211131

Number, percentage and megabases of reads above quality

cutoffs

>Q5:	25 (100.0%) 0.2Mb
>Q7:	25 (100.0%) 0.2Mb
>Q10:	19 (76.0%) 0.2Mb
>Q12:	3 (12.0%) 0.0Mb
>Q15:	0 (0.0%) 0.0Mb

Top 5 highest mean basecall quality scores and their read lengths

1:	12.4 (7053)
2:	12.3 (4747)
3:	12.1 (7829)
4:	12.0 (1913)
5:	12.0 (16574)

Top 5 longest reads and their mean basecall quality score

1:	29248 (10.3)
2:	24787 (11.0)
3:	22419 (10.4)
4:	21845 (10.0)
5:	19989 (8.7)

Summary statistics after filtering

General summary:

Active channels:	23
Mean read length:	8445.2
Mean read quality:	10.5
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Top 5 highest mean basecall quality scores and their read lengths

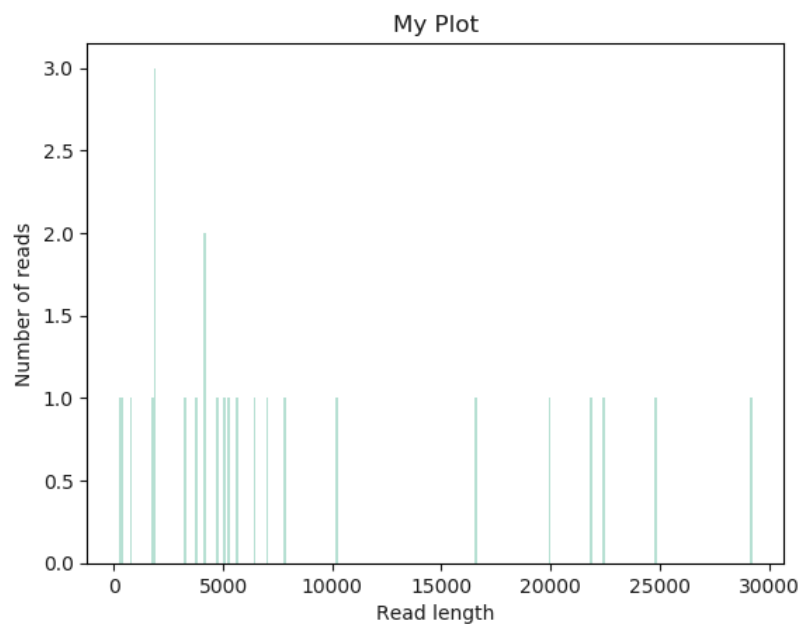
1:	12.4 (7053)
2:	12.3 (4747)
3:	12.1 (7829)
4:	12.0 (1913)
5:	12.0 (16574)

Top 5 longest reads and their mean basecall quality score

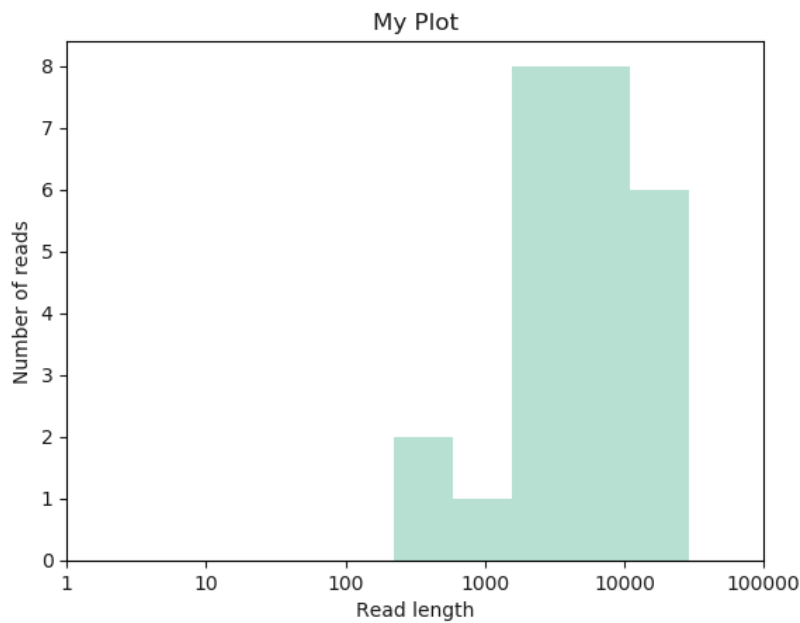
1:	29248 (10.3)
2:	24787 (11.0)
3:	22419 (10.4)
4:	21845 (10.0)
5:	19989 (8.7)

Plots

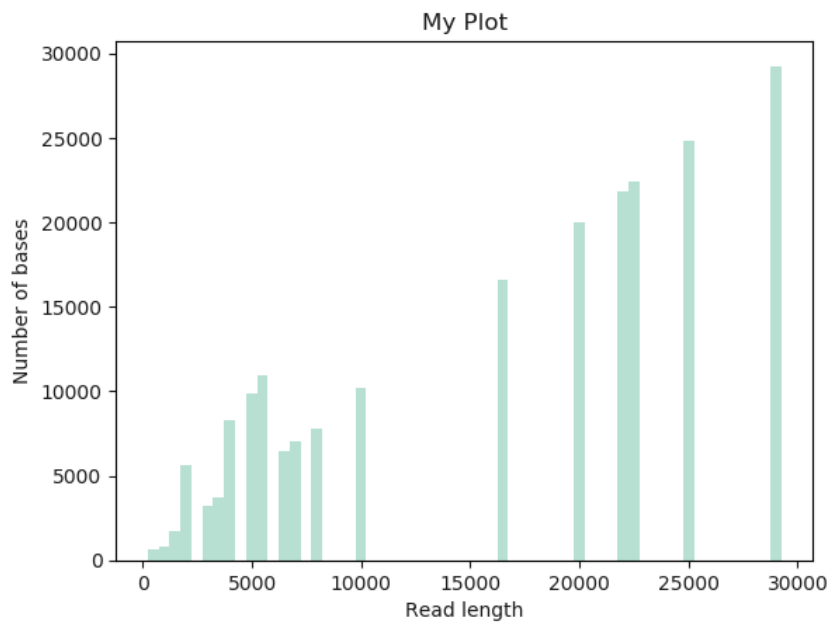
Histogram of read lengths



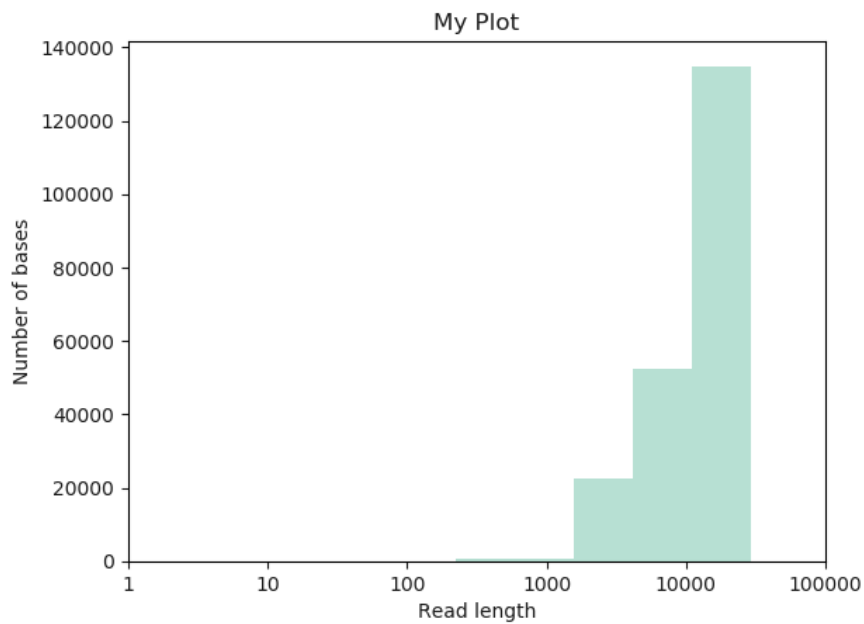
Histogram of read lengths after log transformation



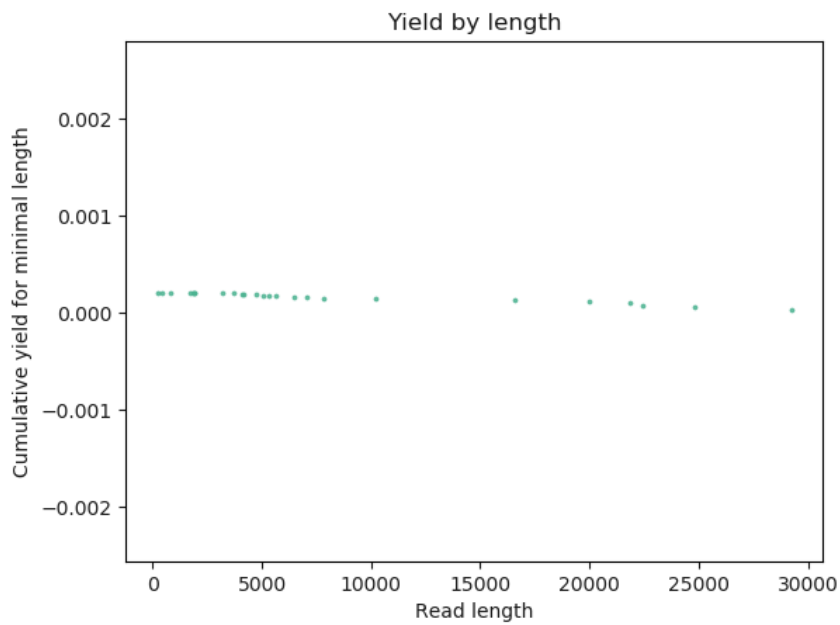
Weighted Histogram of read lengths



Weighted Histogram of read lengths after log transformation

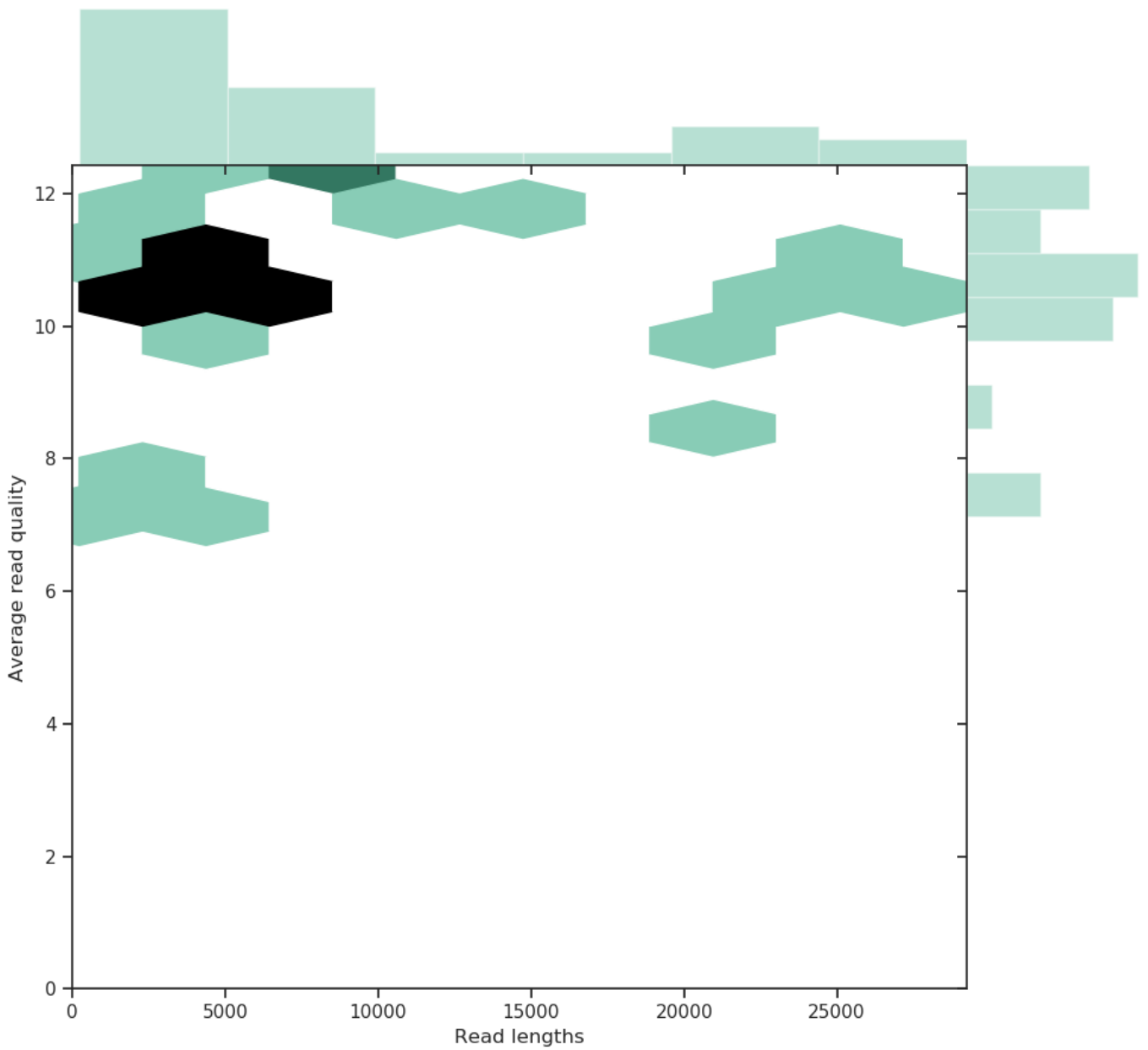


Yield by length



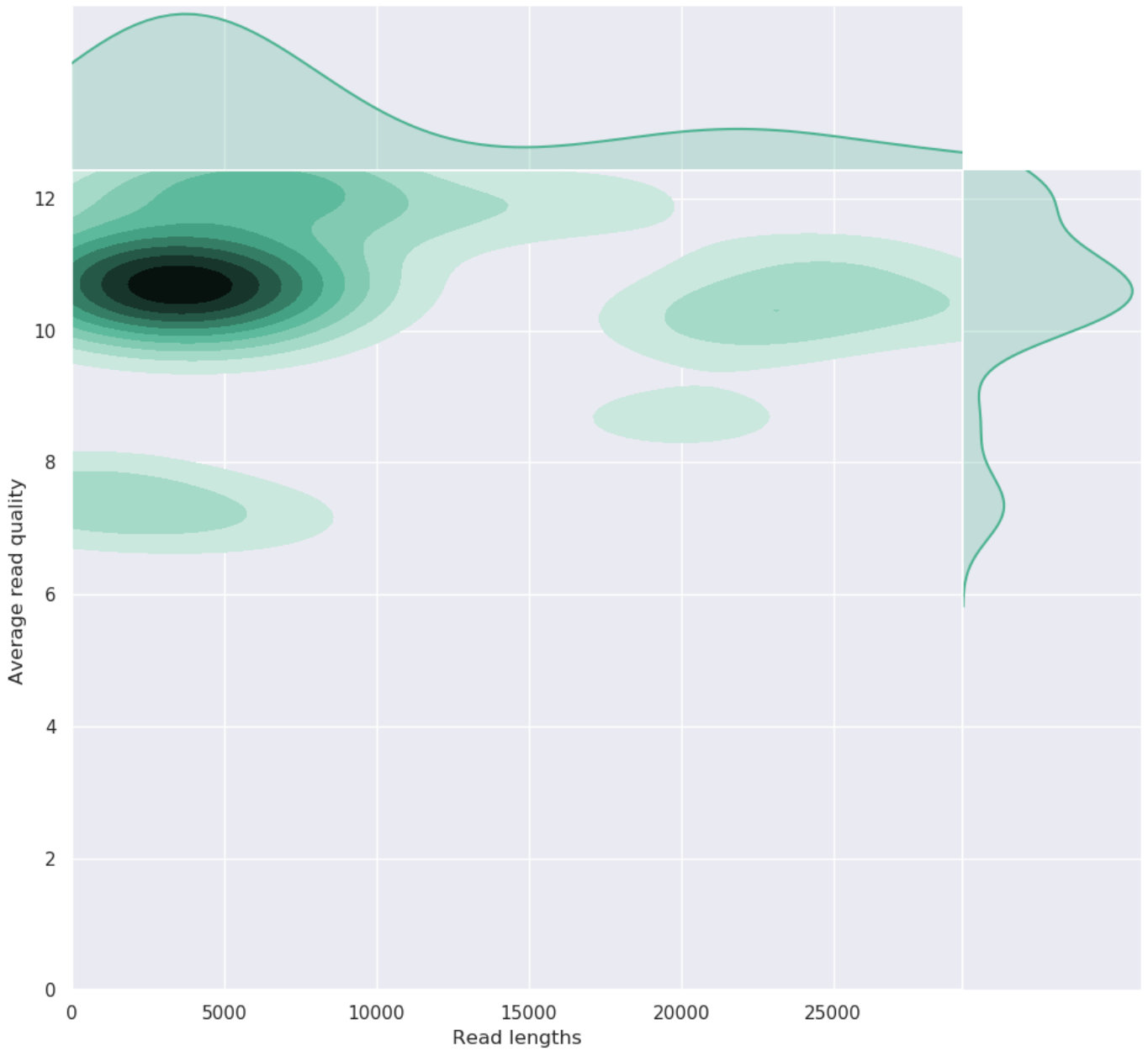
Read lengths vs Average read quality plot using hexagonal bins

My Plot

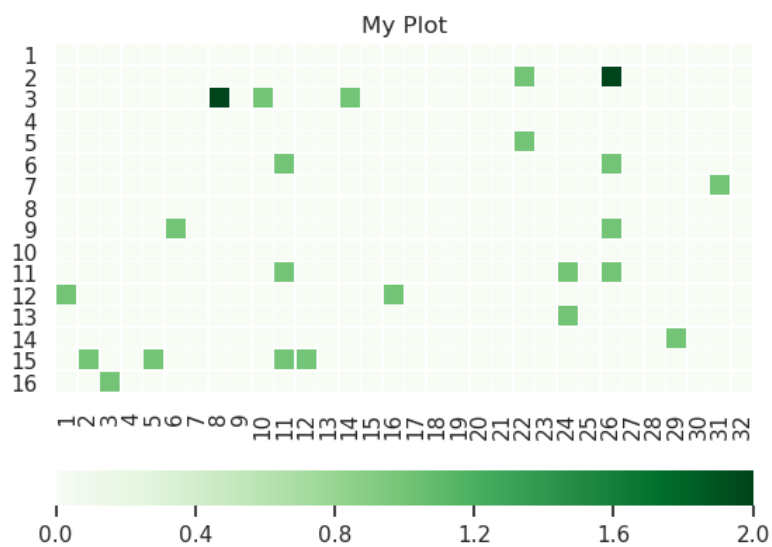


Read lengths vs Average read quality plot using a kernel density estimation

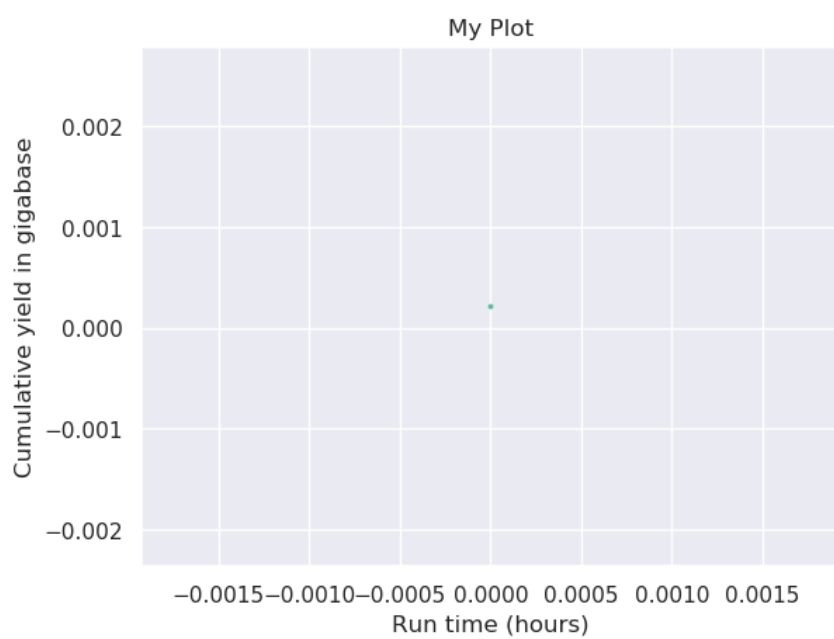
My Plot



Number of reads generated per channel



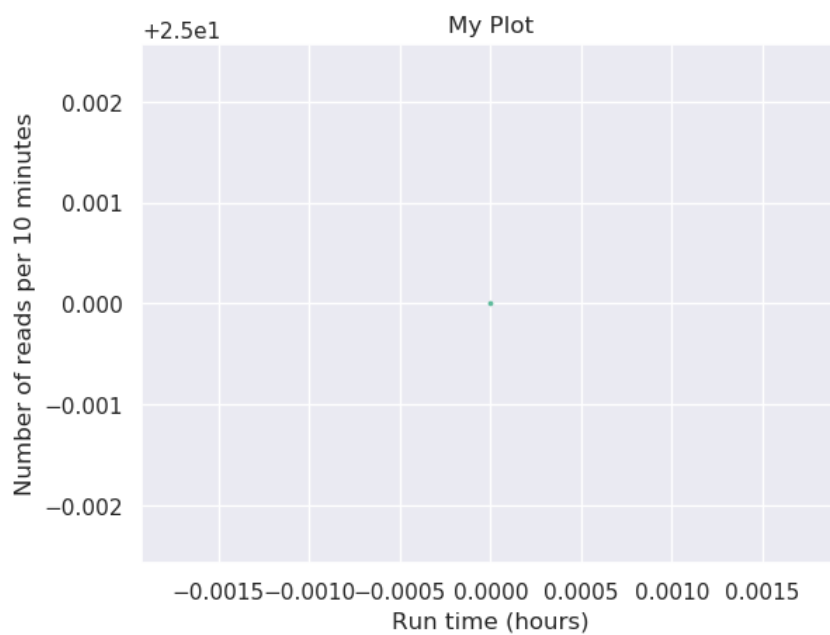
Cumulative yield



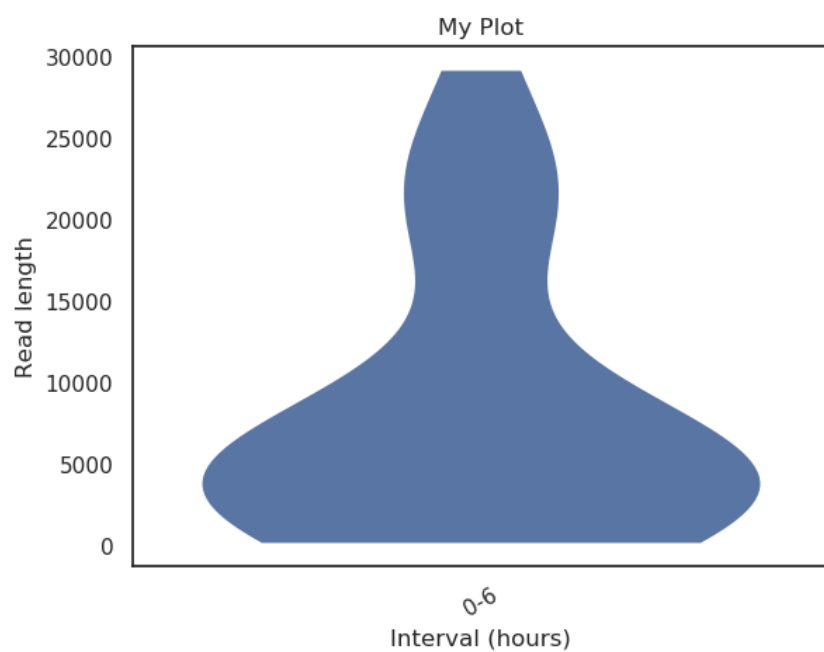
Cumulative yield



Number of reads over time



Violin plot of read lengths over time



Violin plot of quality over time

