

[Summary Statistics](#)[Plots](#)[Report issue on Github](#)

NanoPlot reports

Summary statistics

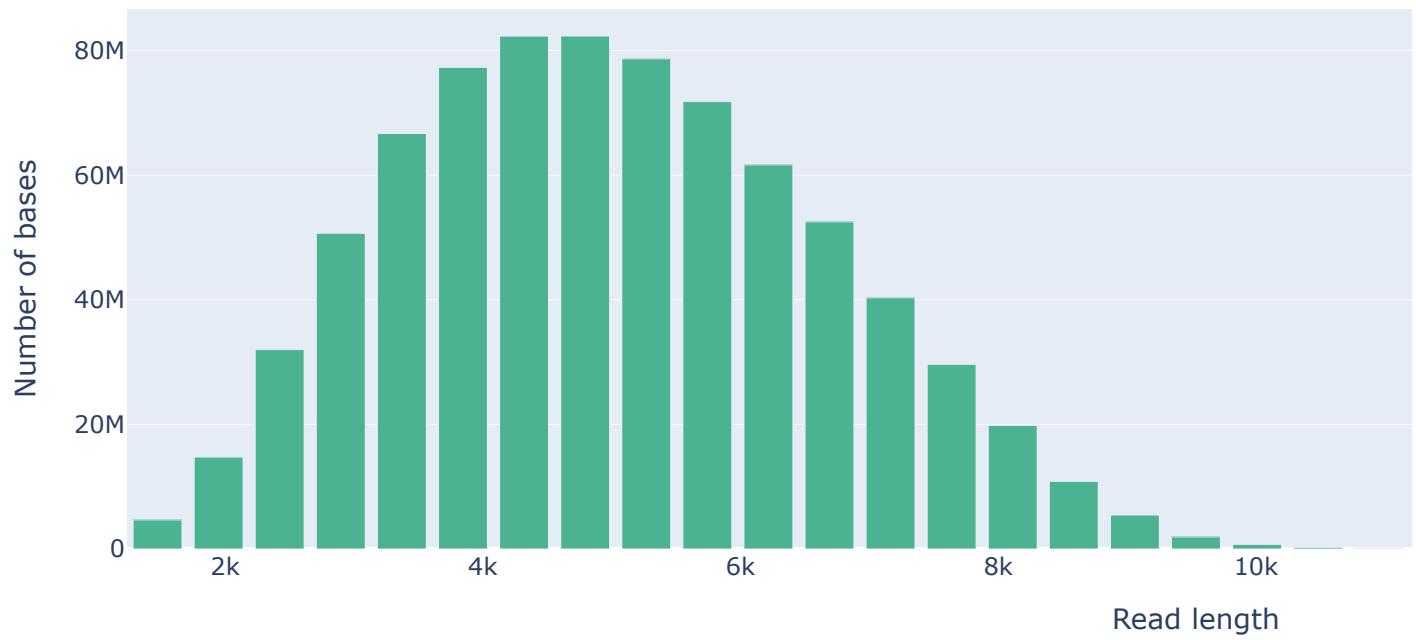
General summary	
Mean read length	4,165.7
Mean read quality	20.3
Median read length	3,980.0
Median read quality	23.8
Number of reads	188,542.0
Read length N50	4,688.0
STDEV read length	1,621.6
Total bases	785,406,207.0
Number, percentage and megabases of reads above quality cutoffs	
>Q10	188542 (100.0%) 785.4Mb
>Q15	176573 (93.7%) 736.4Mb
>Q20	149583 (79.3%) 624.7Mb
>Q25	70201 (37.2%) 290.2Mb
>Q30	6264 (3.3%) 21.1Mb
Top 5 highest mean basecall quality scores and their read lengths	
1	43.9 (2256)
2	42.9 (1207)
3	42.9 (4796)
4	42.7 (1826)

5	42.2 (1301)
Top 5 longest reads and their mean basecall quality score	
1	17593 (15.6)
2	17556 (15.1)
3	17232 (16.1)
4	16375 (11.8)
5	16217 (16.7)

Plots

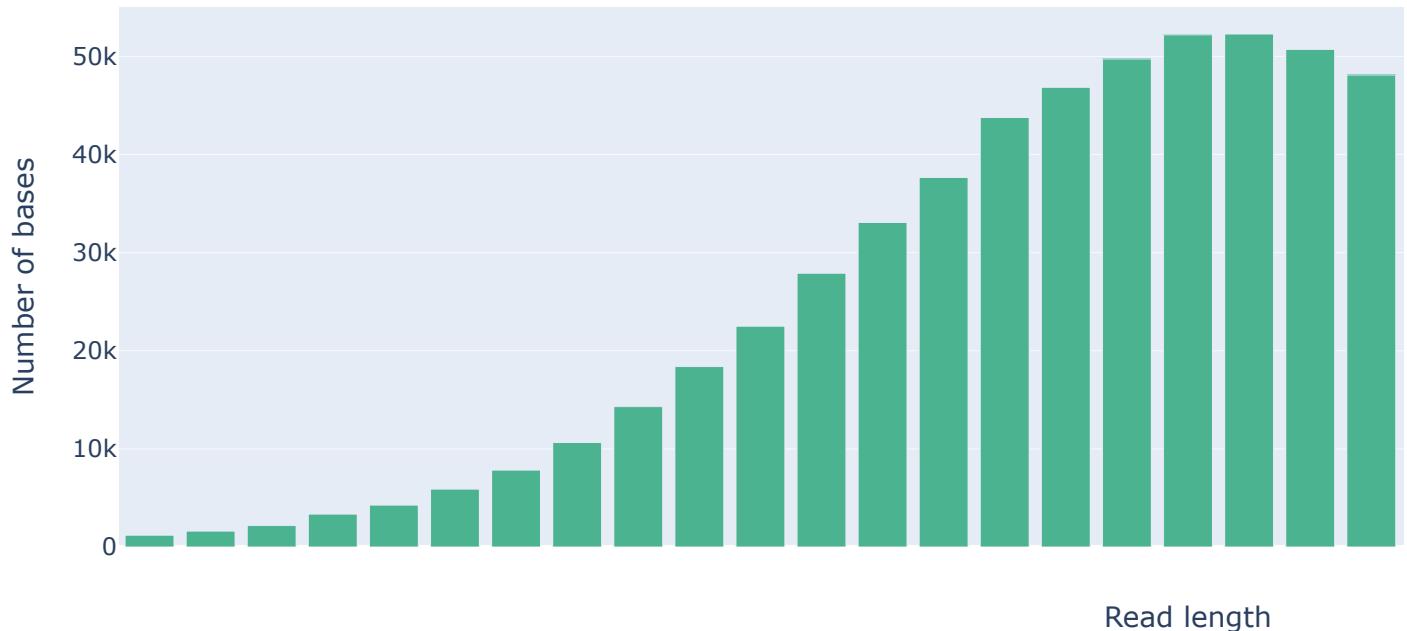
Weighted histogram of read lengths

Weighted histogram of read lengths after log transformation



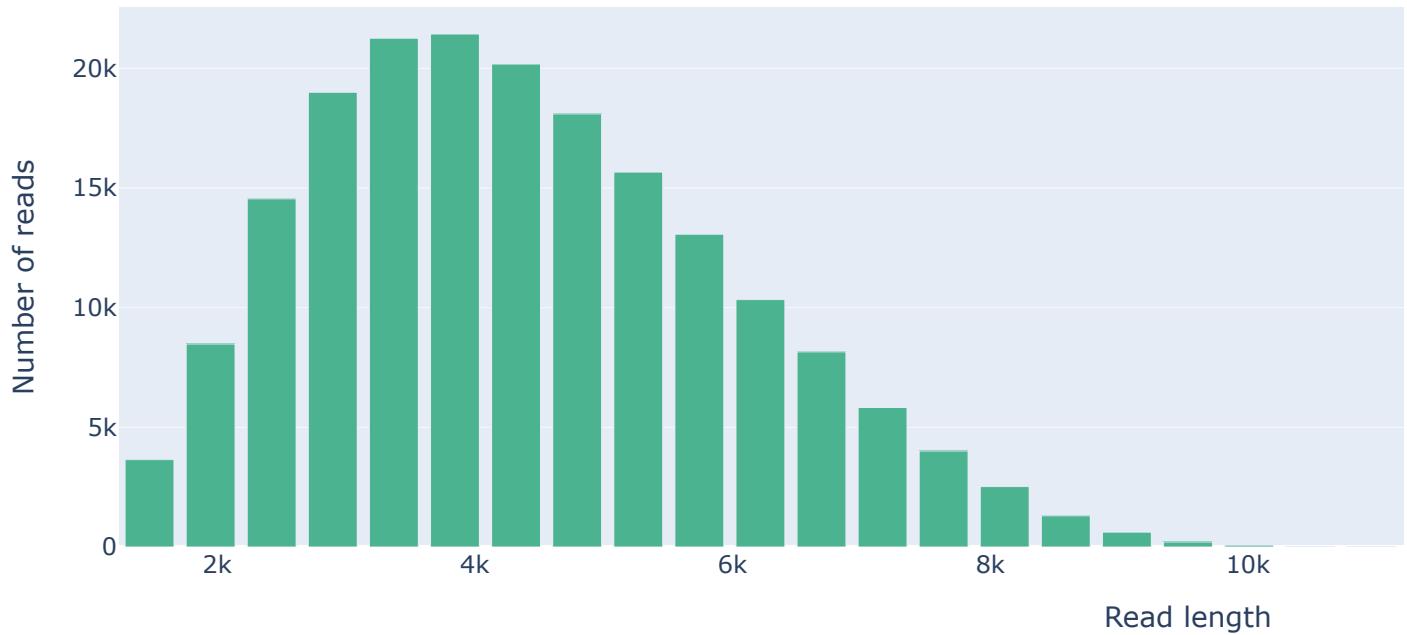
Weighted histogram of read lengths after log transformation

Weighted histogram of read lengths after log transformation



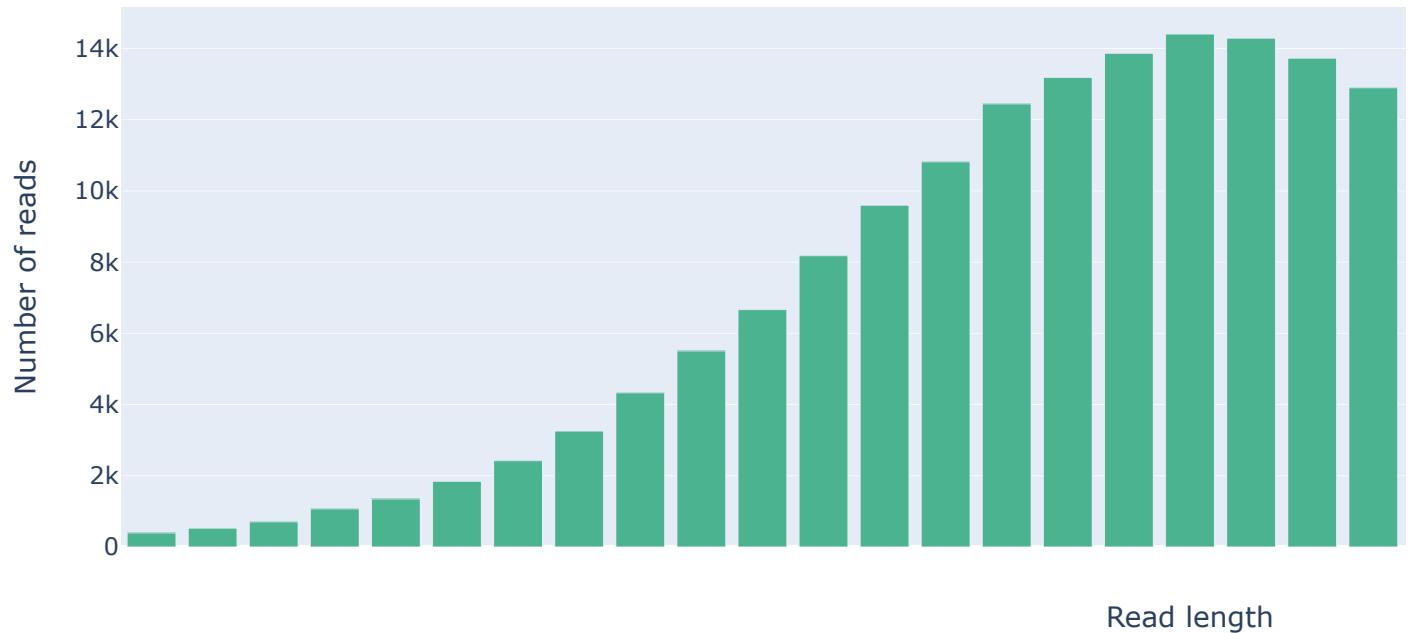
Non weighted histogram of read lengths

Non weighted histogram of read

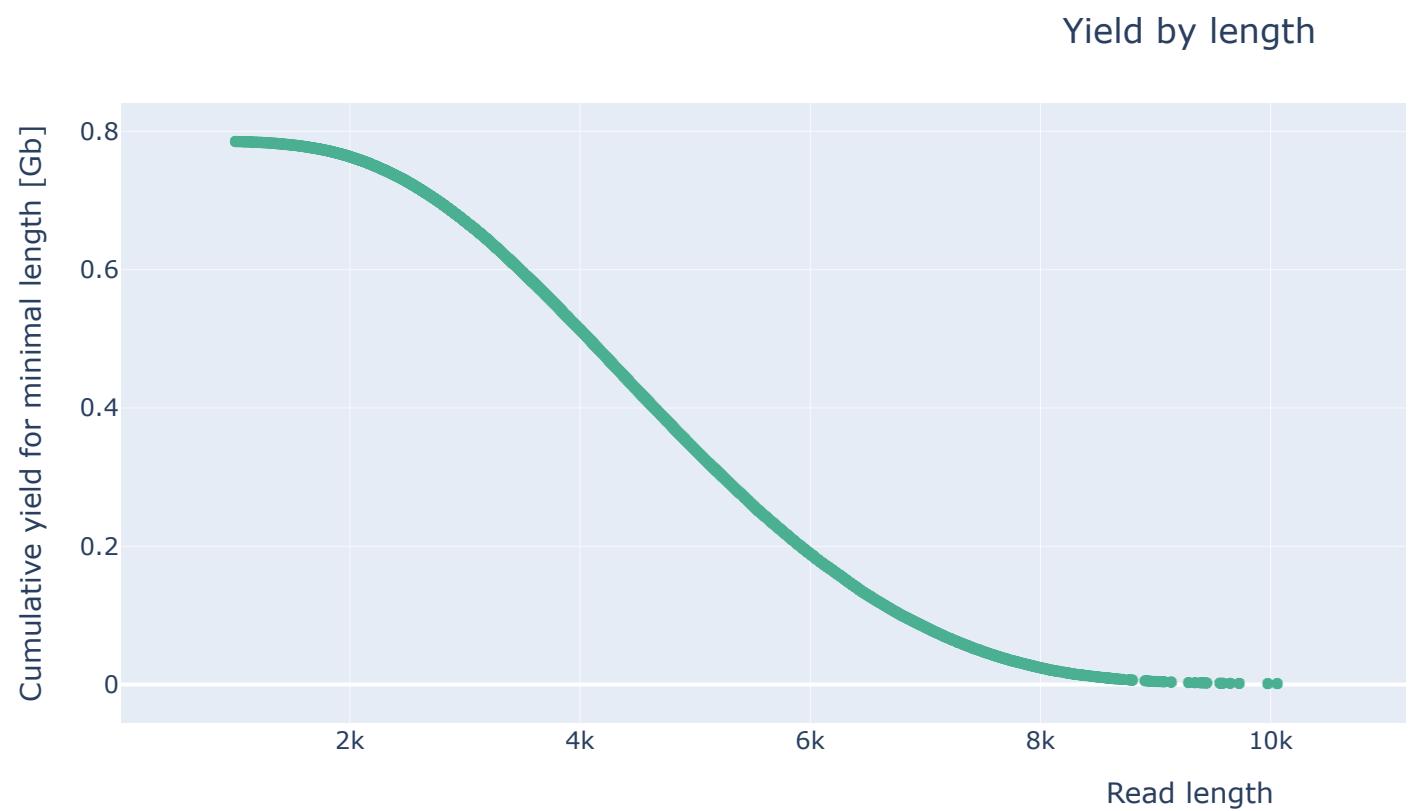


Non weighted histogram of read lengths after log transformation

Non weighted histogram of read lengths after

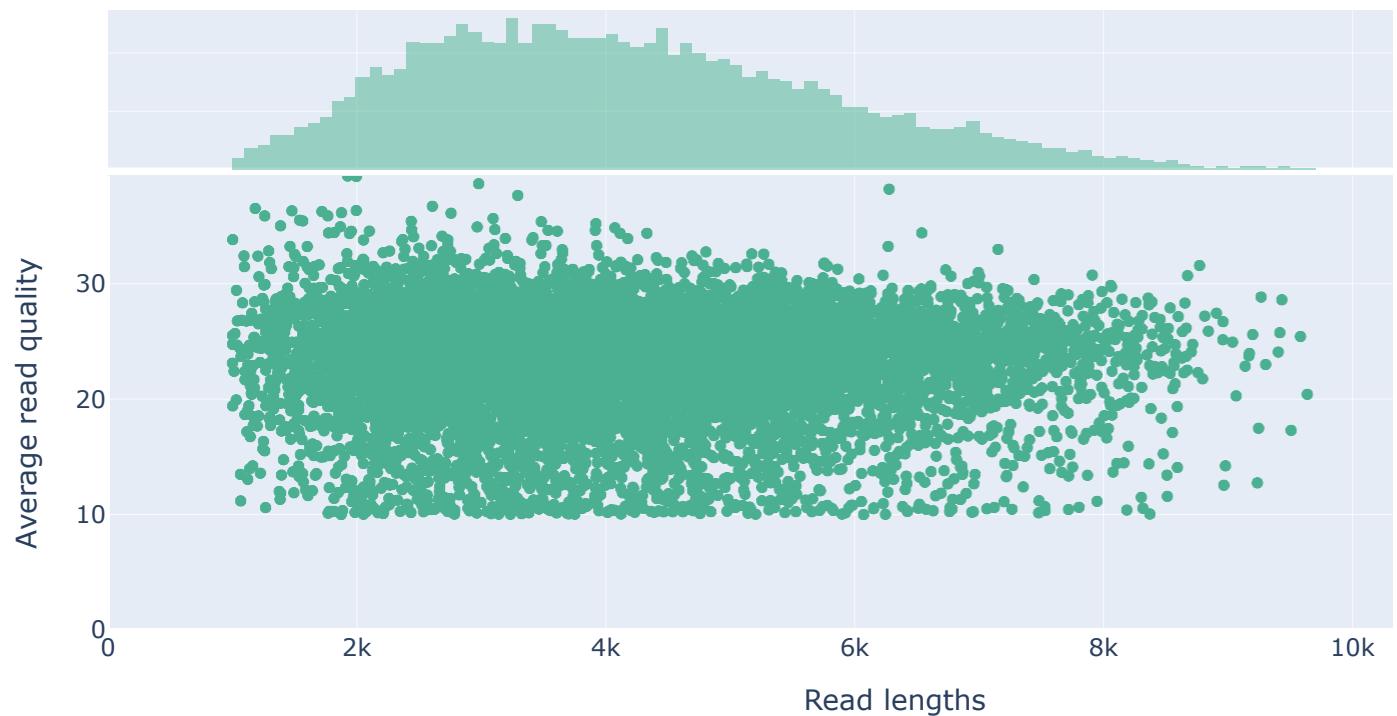


Yield by length



Read lengths vs Average read quality plot using dots

Read lengths vs Average read quality p



Read lengths vs Average read quality kde plot



