

NanoPlot reports

Summary statistics

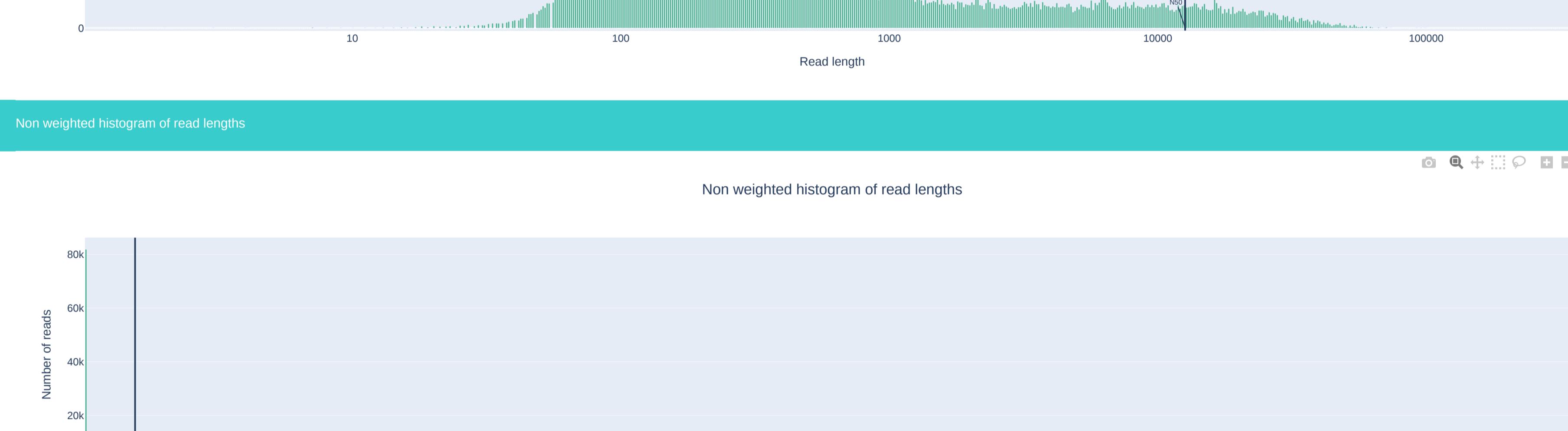
General summary	
Mean read length	1,427.6
Mean read quality	11.5
Median read length	176.0
Median read quality	12.6
Number of reads	107,371.0
Read length N50	12,640.0
STDEV read length	4,660.8
Total bases	153,286,927.0
Number, percentage and megabases of reads above quality cutoffs	
>Q10	83847 (78.1%) 118.8Mb
>Q15	26140 (24.3%) 26.1Mb
>Q20	2964 (2.8%) 0.5Mb
>Q25	219 (0.2%) 0.0Mb
>Q30	0 (0.0%) 0.0Mb
Top 5 highest mean basecall quality scores and their read lengths	
1	29.7 (39)
2	29.2 (111)
3	29.0 (177)
4	28.9 (23)
5	28.9 (101)
Top 5 longest reads and their mean basecall quality score	
1	369529 (5.0)
2	97351 (10.3)
3	94452 (9.4)
4	90800 (10.6)
5	72362 (12.3)

Plots

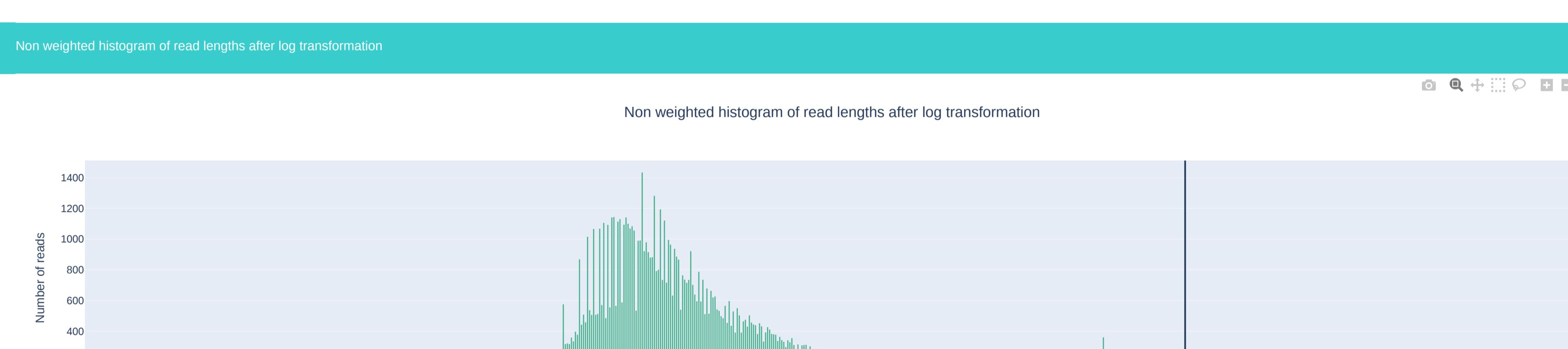
Weighted histogram of read lengths



Weighted histogram of read lengths after log transformation



Non weighted histogram of read lengths



Non 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 kde plot

