

QAA_report

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R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
summary(cars)
```

```
##      speed      dist
##  Min.   : 4.0    Min.   :  2.00
##  1st Qu.:12.0    1st Qu.: 26.00
##  Median :15.0    Median : 36.00
##  Mean   :15.4    Mean   : 42.98
##  3rd Qu.:19.0    3rd Qu.: 56.00
##  Max.   :25.0    Max.   :120.00
```

Including Plots

You can also embed plots, for example:



Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.

Part 1 - Read Quality Score Distributions

1. Library 1: 11_2H_both_S9_L008 QScore

Read 1 QScore:

Read 2 QScore:

Read 1 N-Content:

Read 2 N-Content:

Library 2: 14_3B_control_S10_L008 QScore

Read 1 QScore:

Read 2 QScore:

Read 1 N-Content:

Read 2 N-Content:

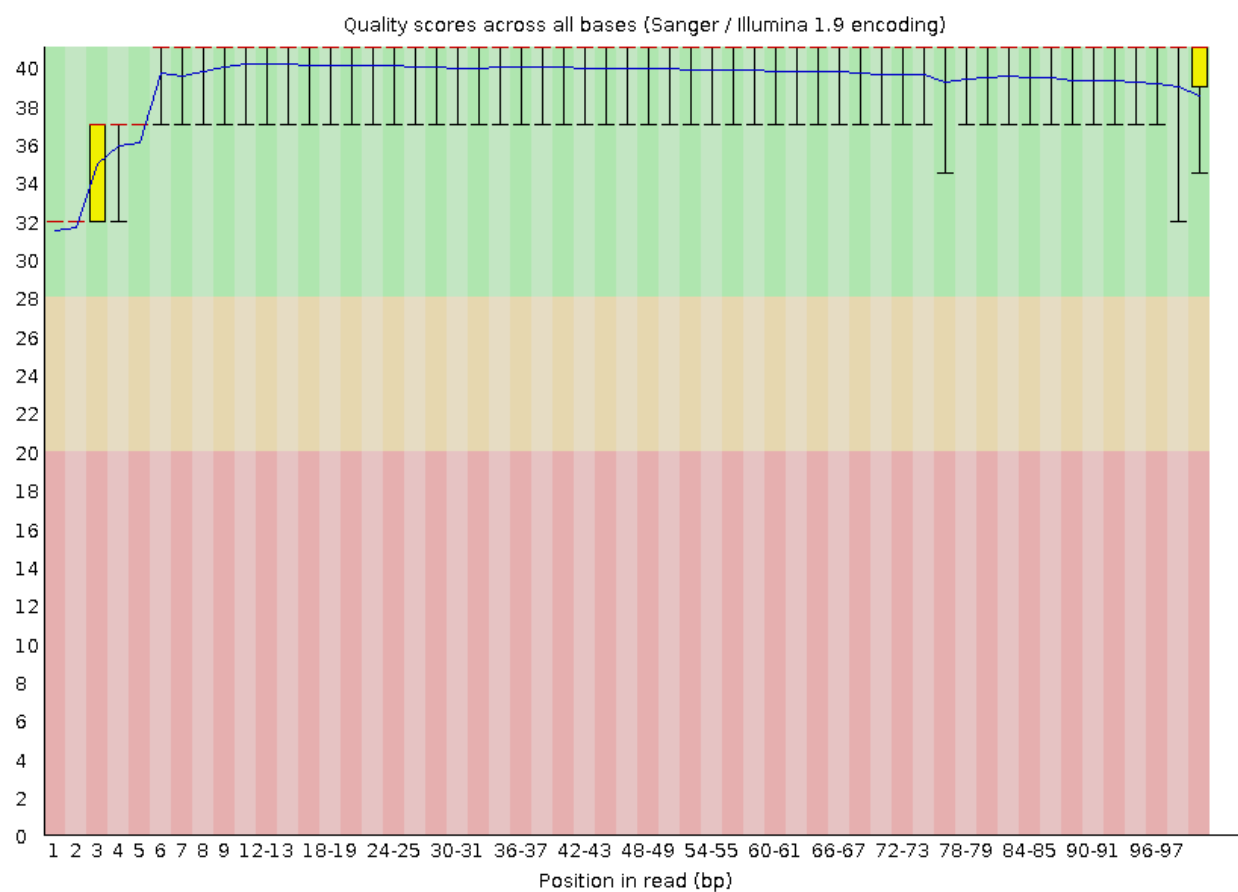


Figure 1: Library 1 Read 1 FastQC QScore Dist

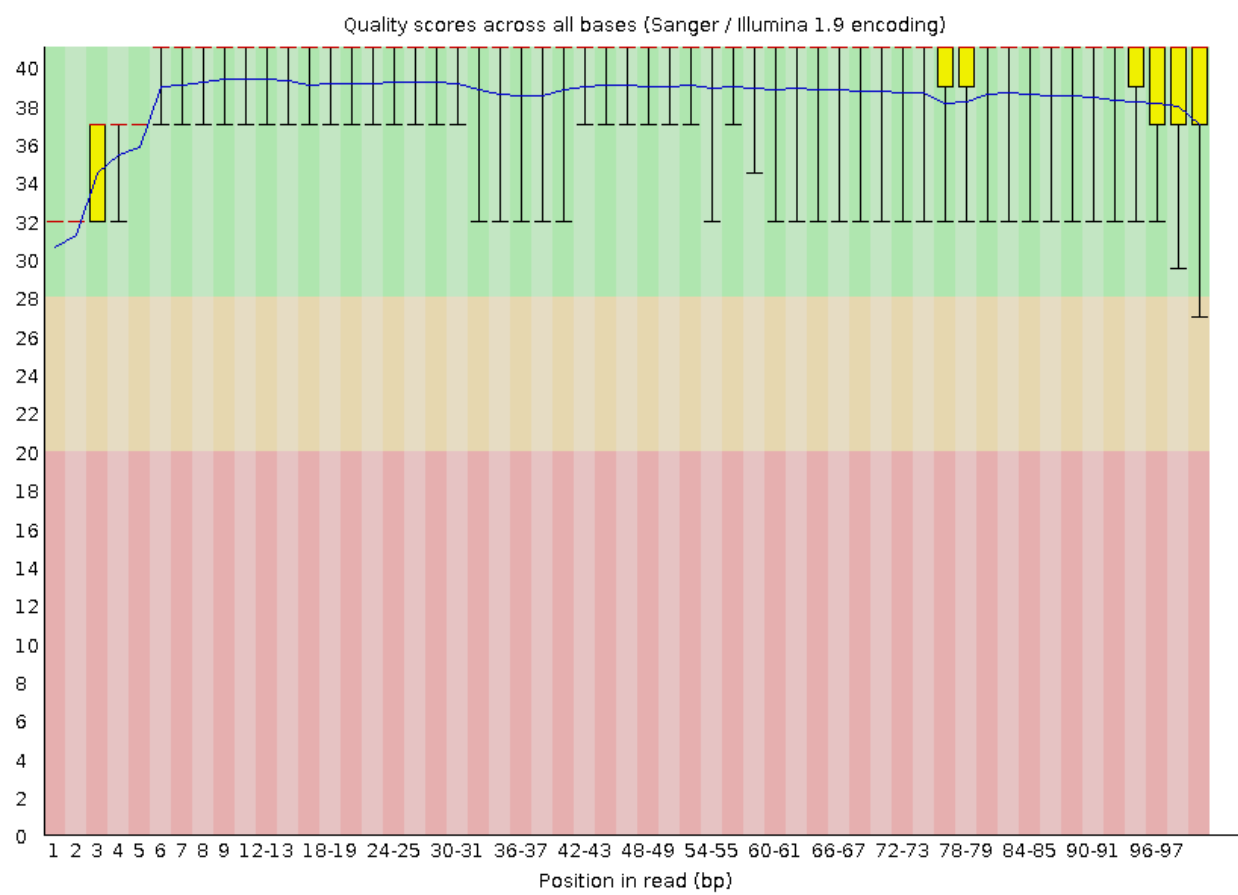


Figure 2: Library 1 Read 2 FastQC QScore Dist

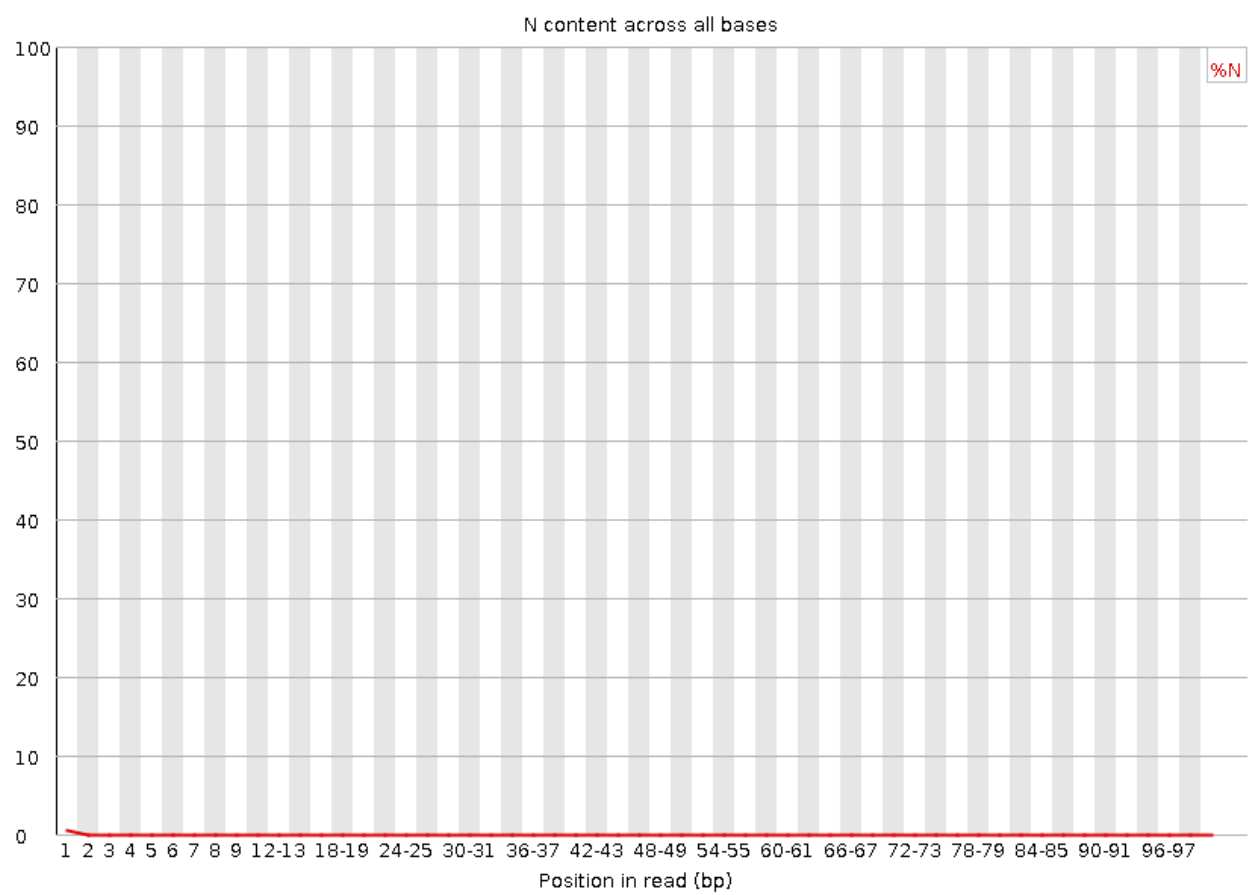


Figure 3: Library 1 Read 1 FastQC N-Content Dist

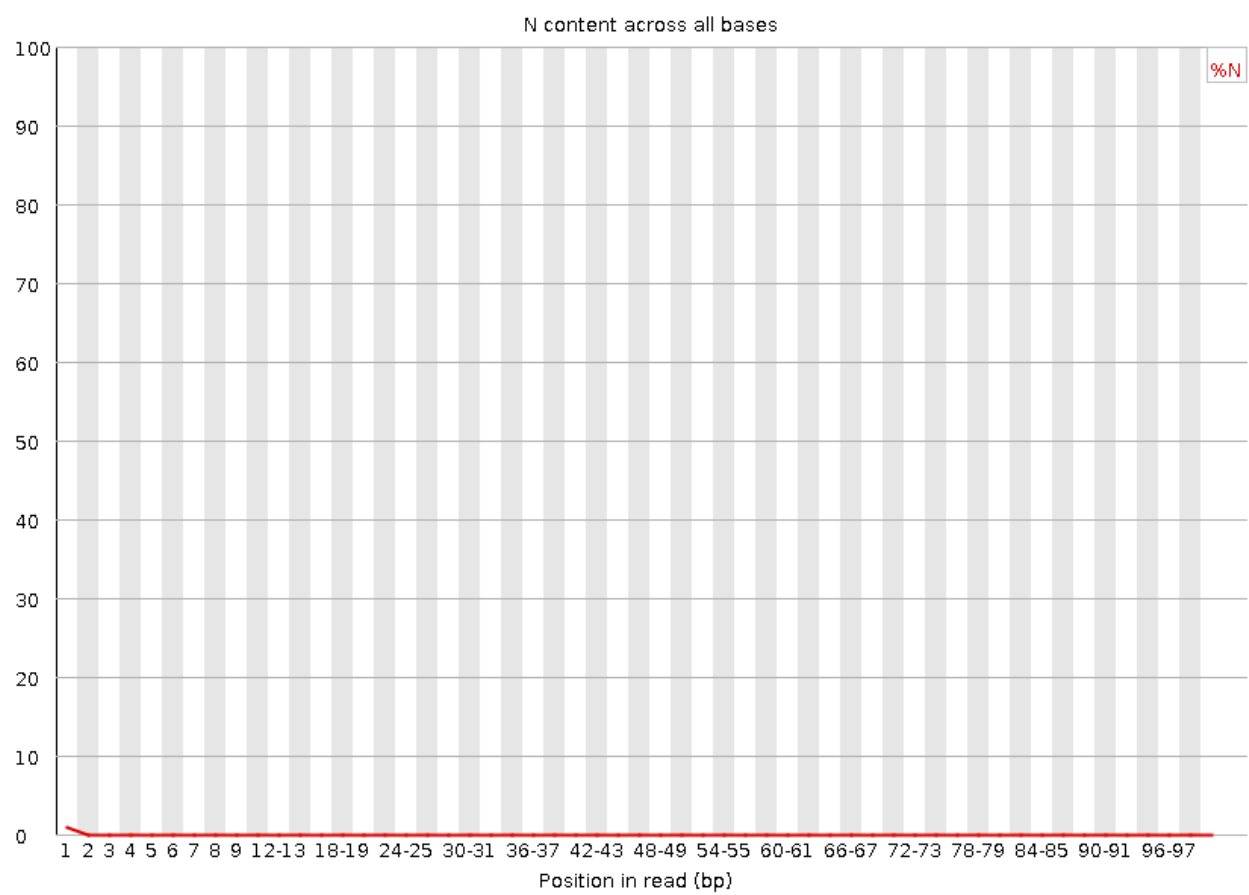


Figure 4: Library 1 Read 2 FastQC N-Content Dist

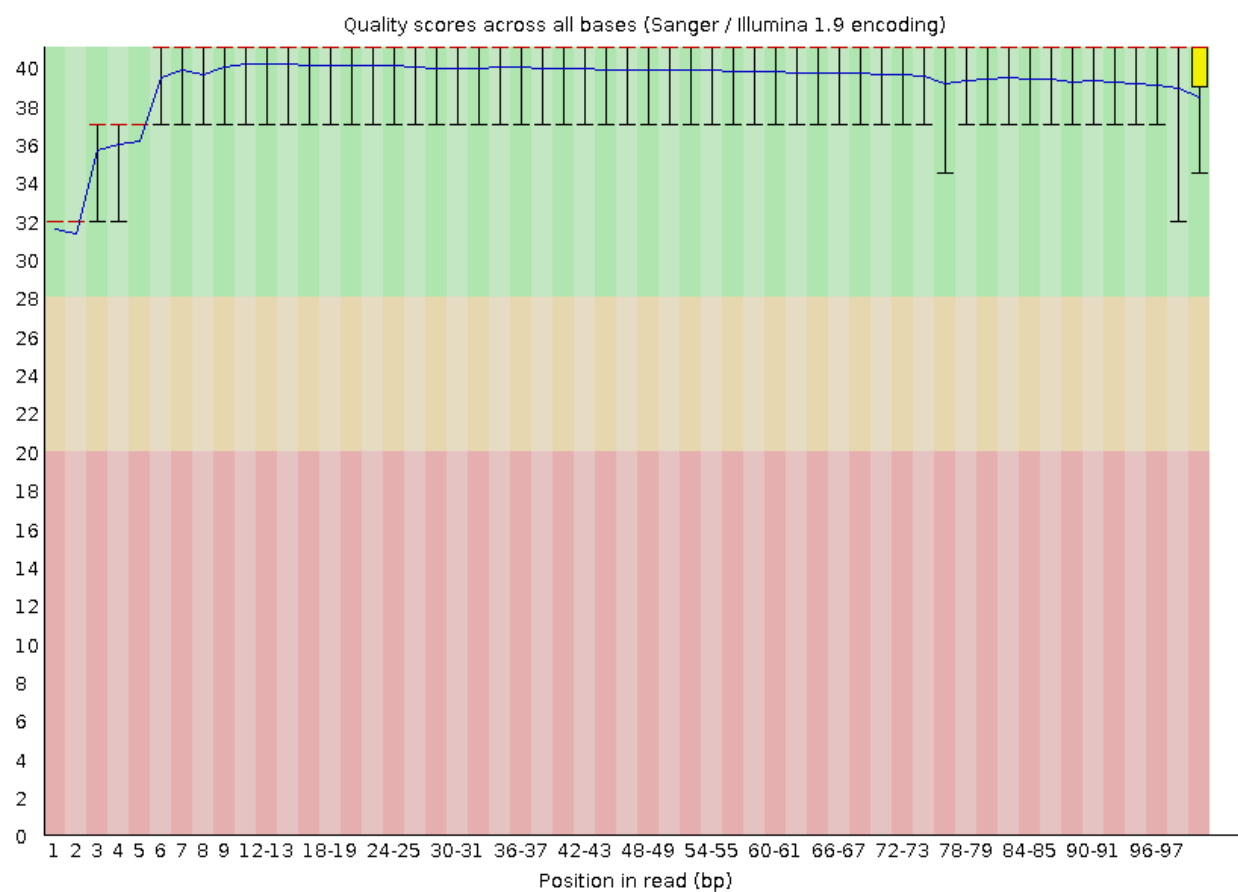


Figure 5: Library 2 Read 1 FastQC QScore Dist

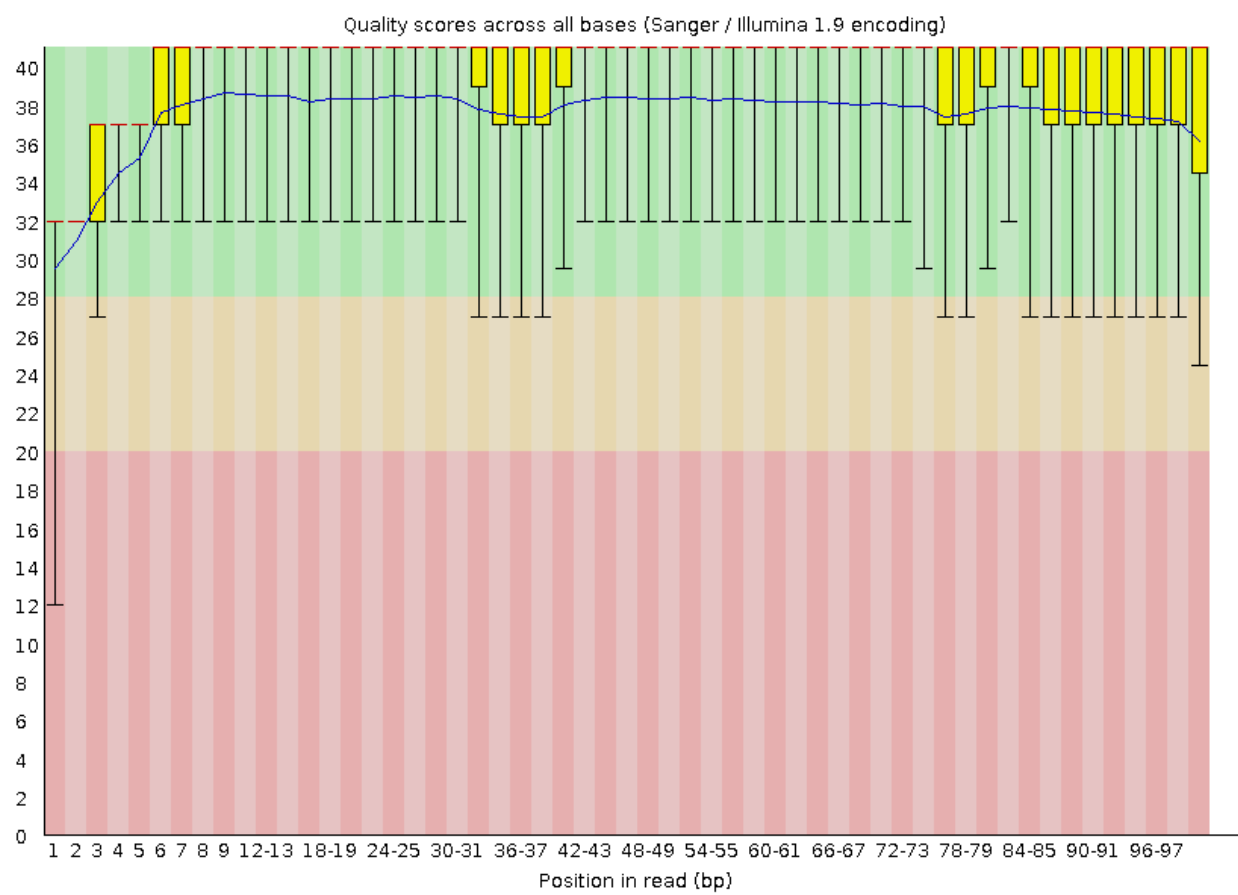


Figure 6: Library 2 Read 2 FastQC QScore Dist

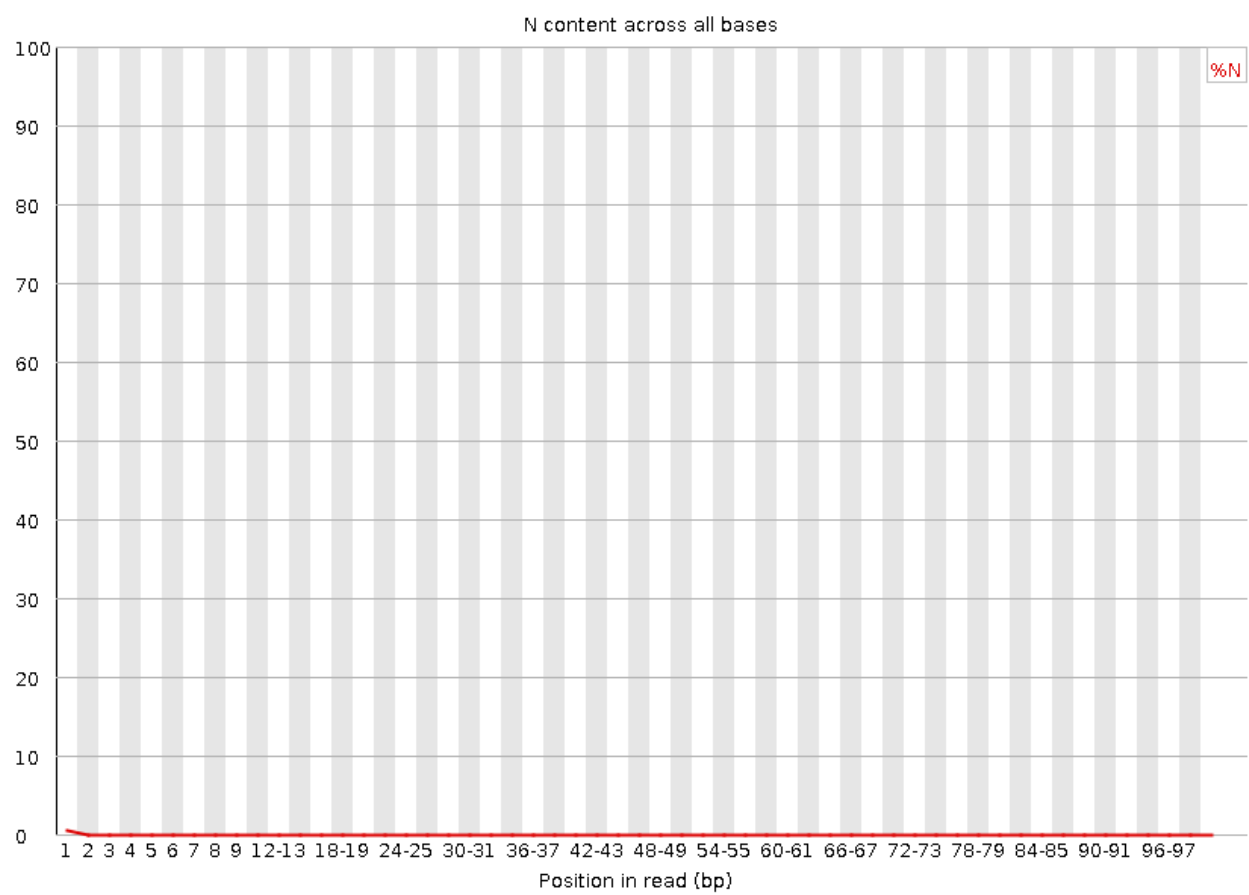


Figure 7: Library 1 Read 1 FastQC N-Content Dist

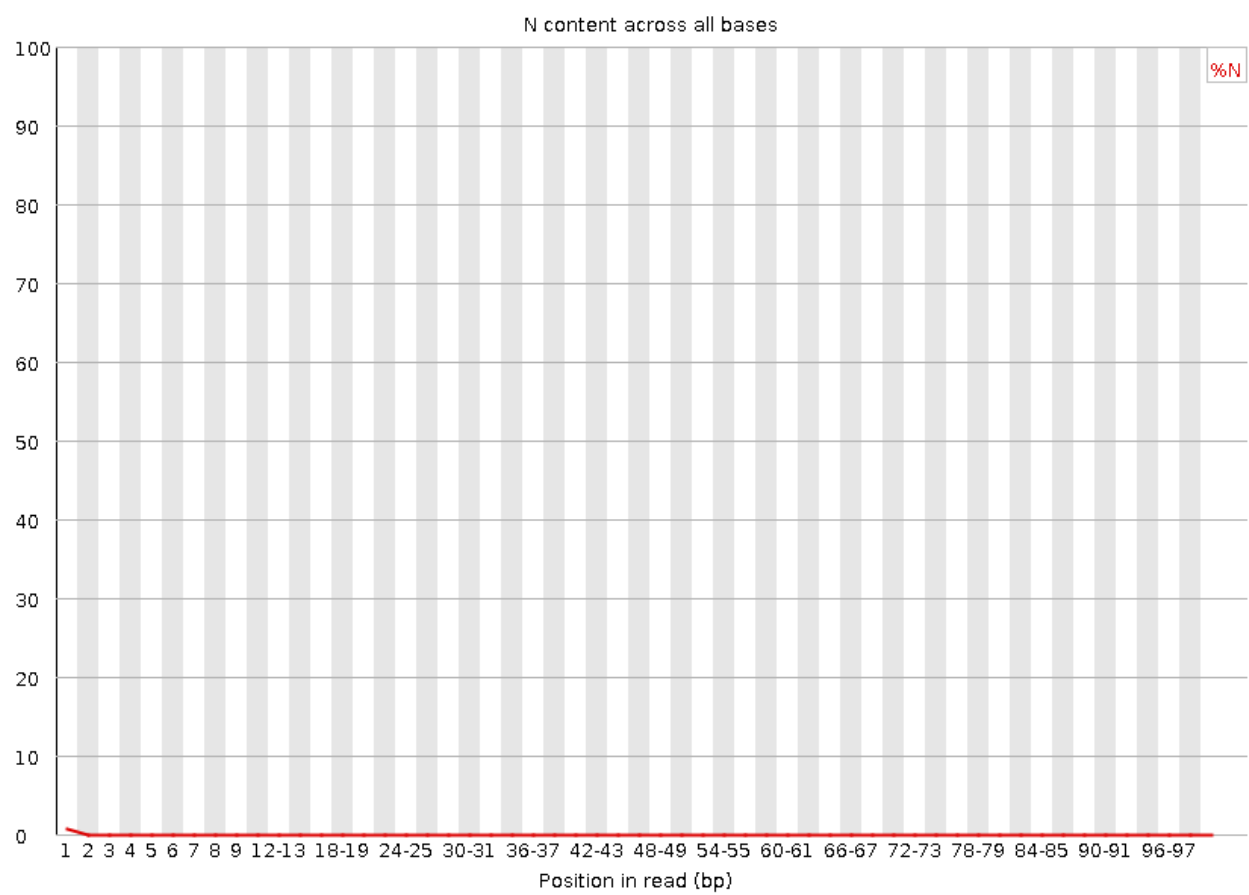


Figure 8: Library 1 Read 2 FastQC N-Content Dist