













# FastQC Report

## Summary

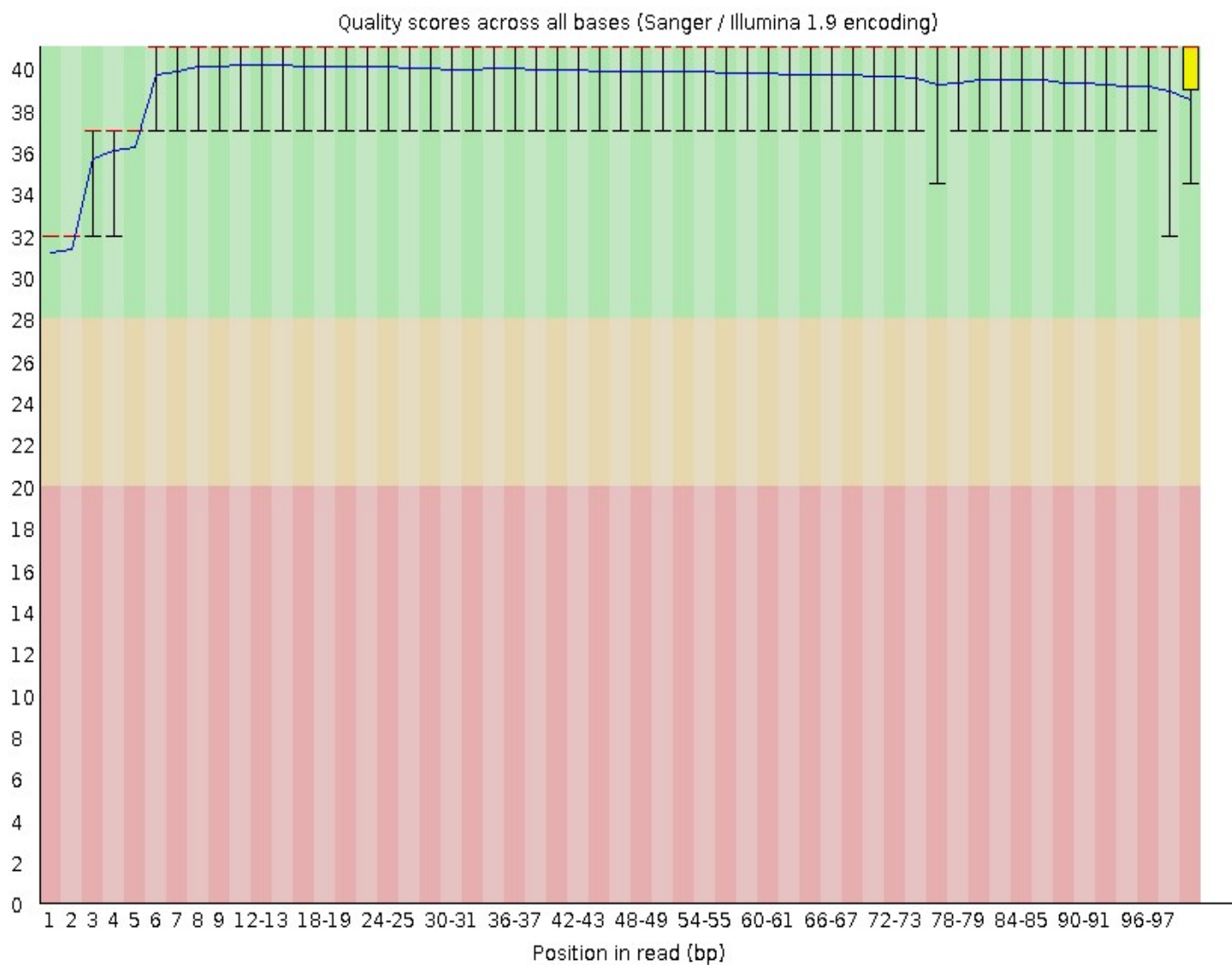
Mon 11 Sep 2023  
10\_2G\_both\_S8\_L008\_R1\_001.fastq.gz

-  [Basic Statistics](#)
-  [Per base sequence quality](#)
-  [Per tile sequence quality](#)
-  [Per sequence quality scores](#)
-  [Per base sequence content](#)
-  [Per sequence GC content](#)
-  [Per base N content](#)
-  [Sequence Length Distribution](#)
-  [Sequence Duplication Levels](#)
-  [Overrepresented sequences](#)
-  [Adapter Content](#)
-  [Kmer Content](#)

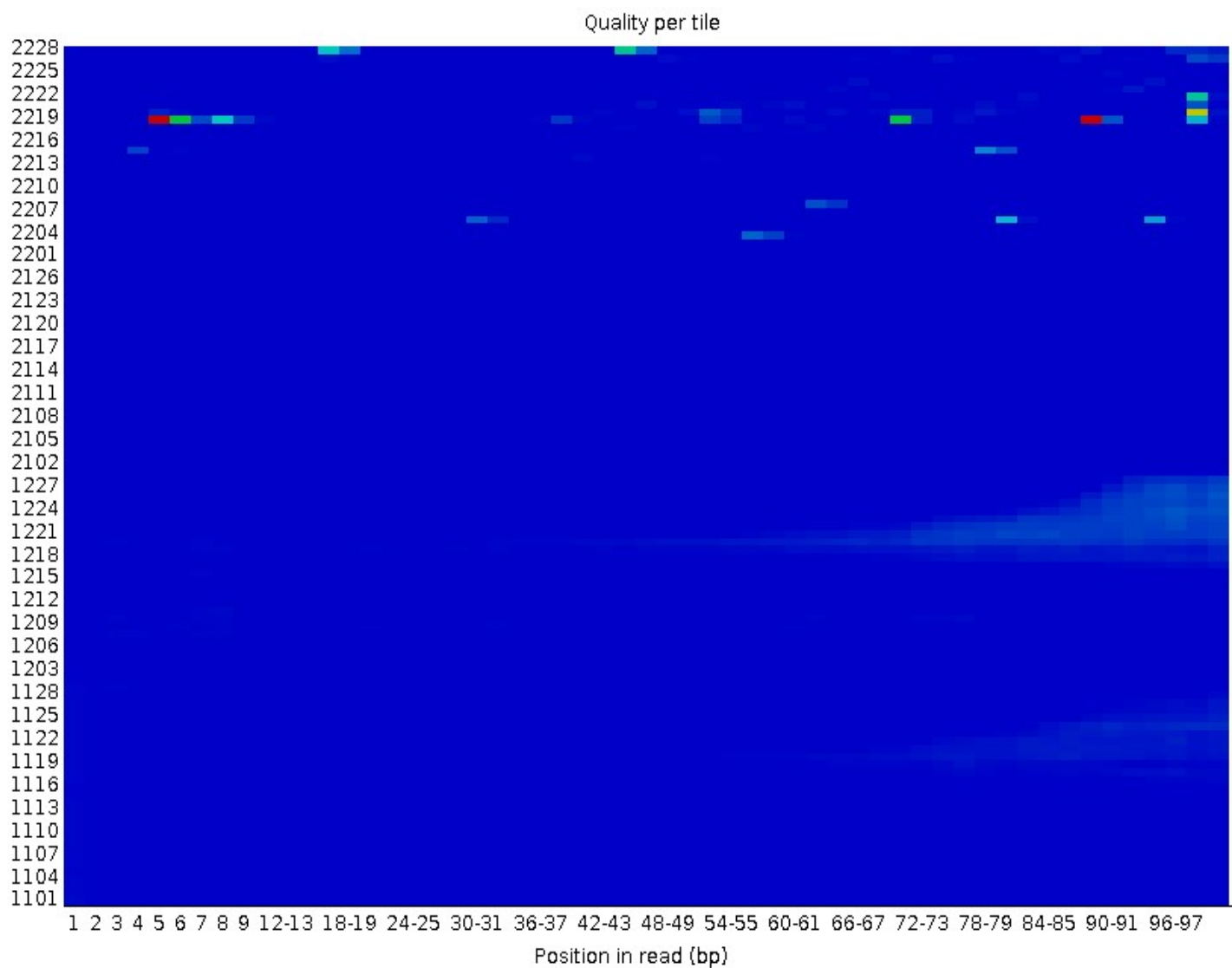
## Basic Statistics

Measure	Value
Filename	10_2G_both_S8_L008_R1_001.fastq.gz
File type	Conventional base calls
Encoding	Sanger / Illumina 1.9
Total Sequences	81477069
Sequences flagged as poor quality	0
Sequence length	101
%GC	48

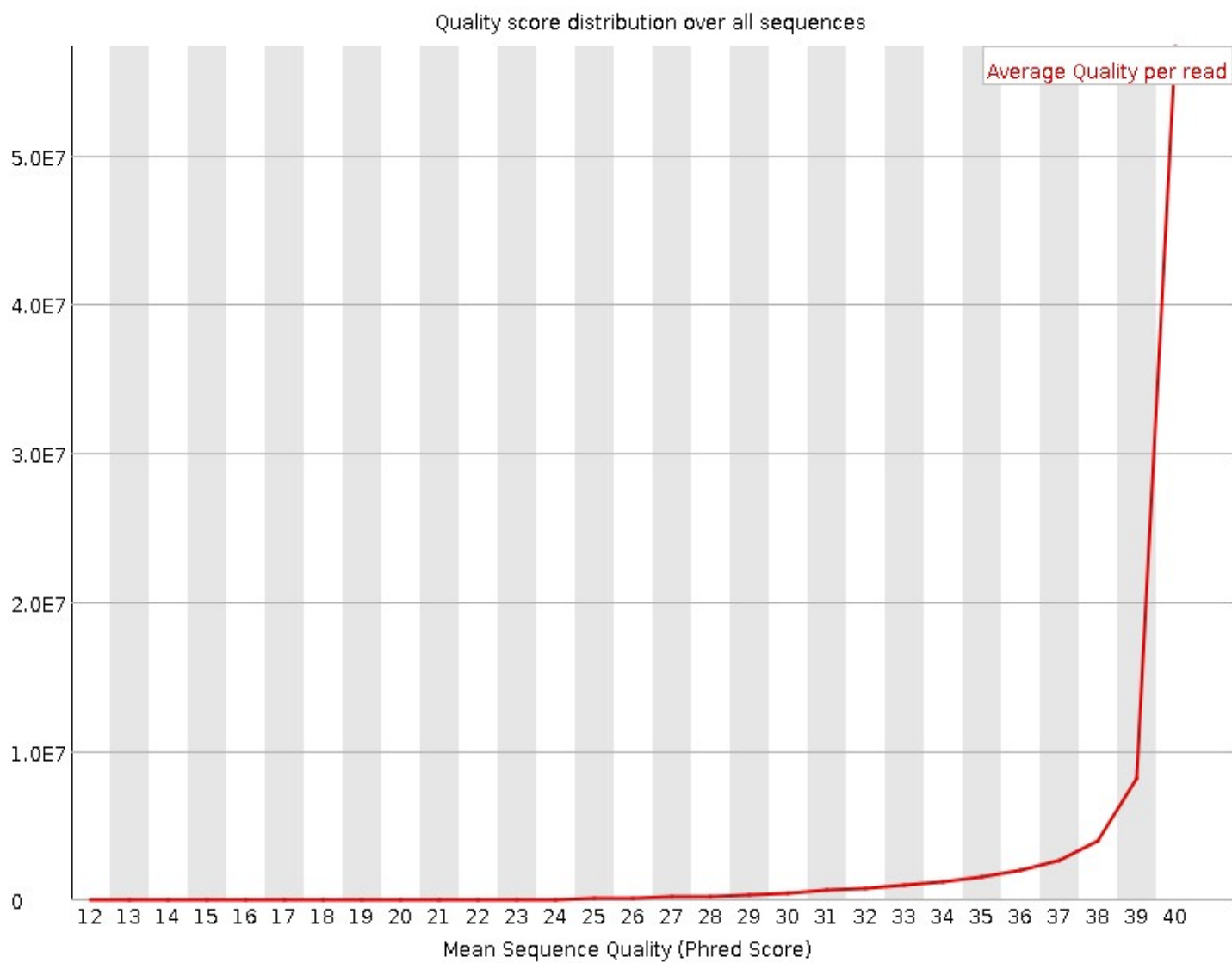
## Per base sequence quality



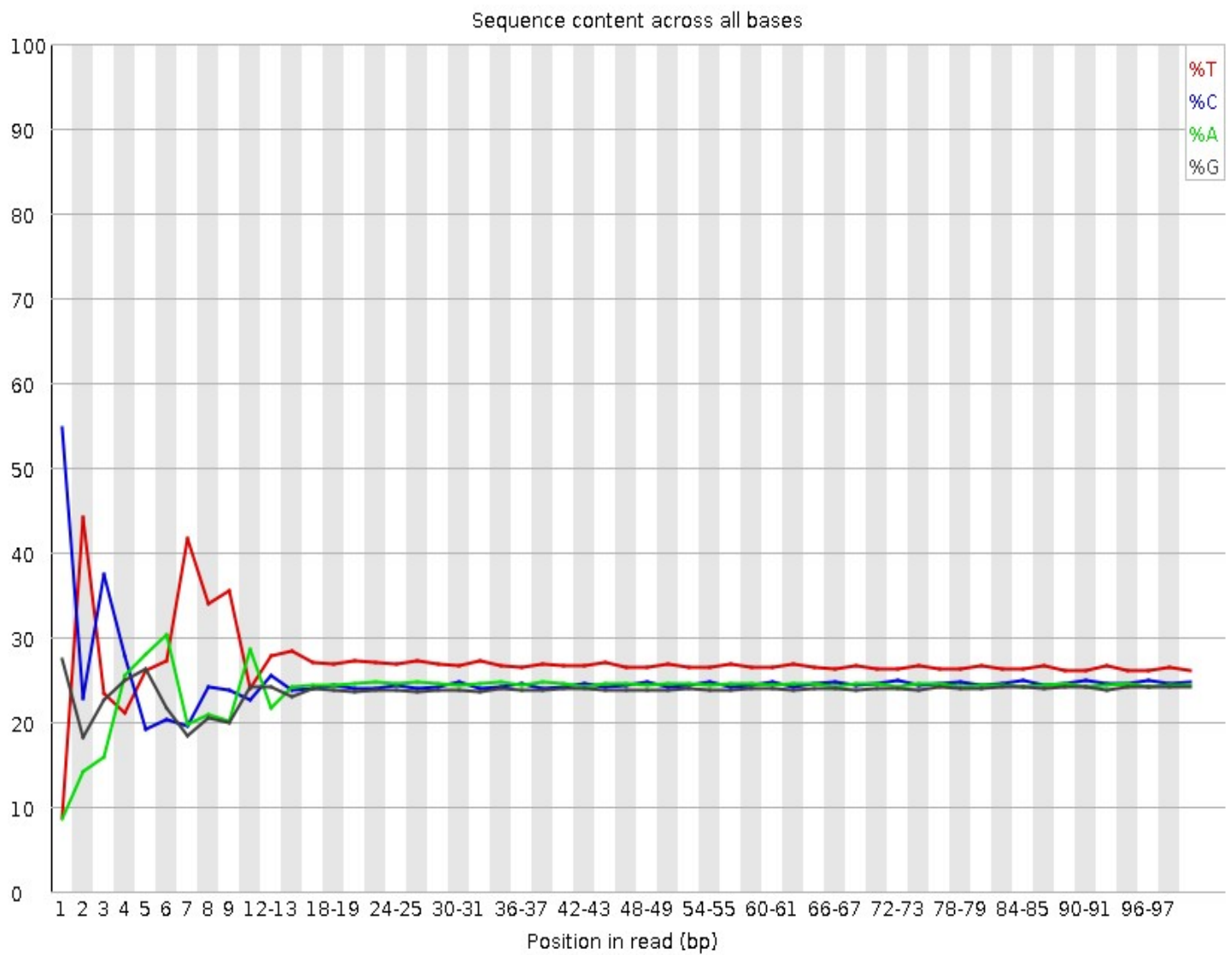
❌ Per tile sequence quality



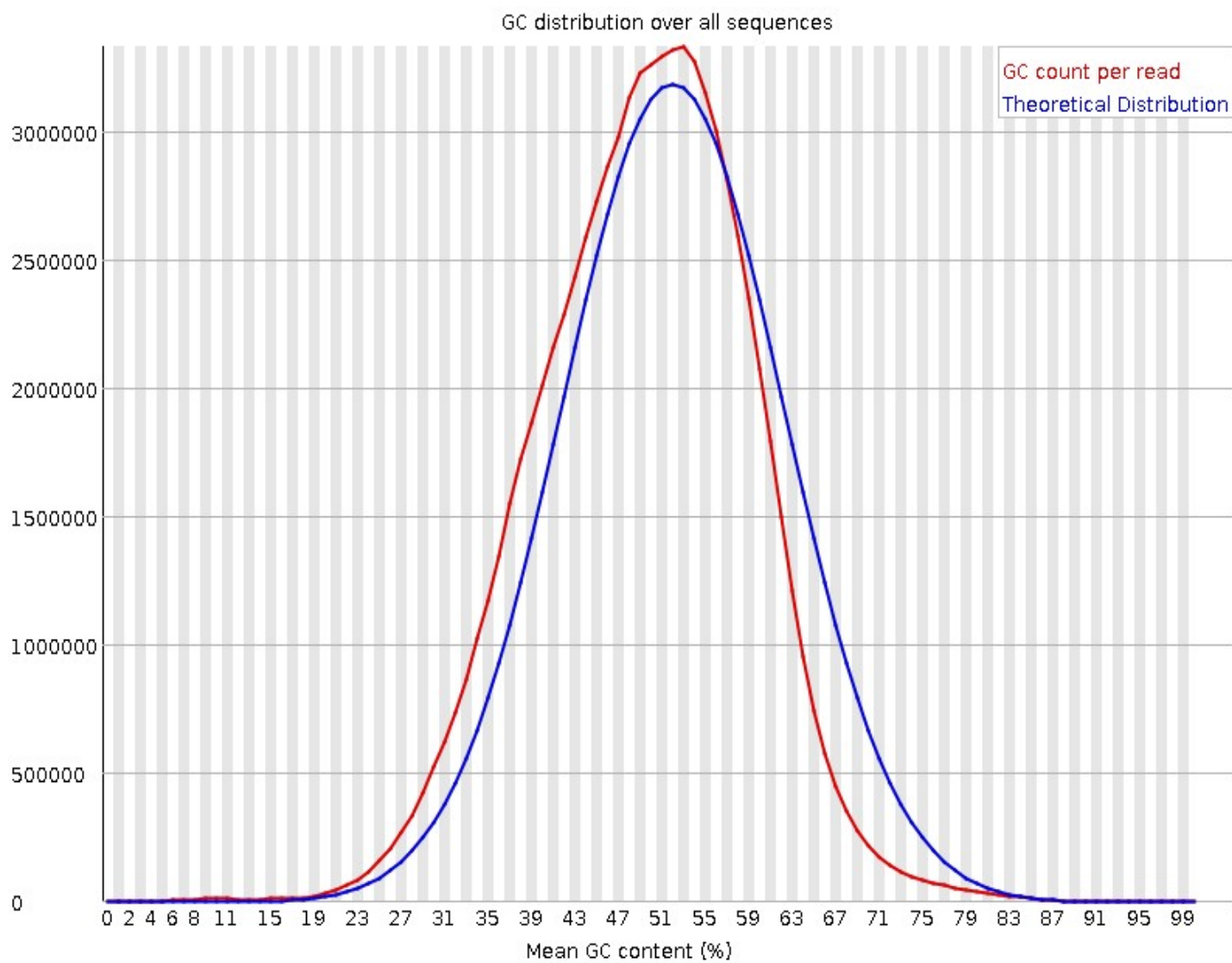
## Per sequence quality scores



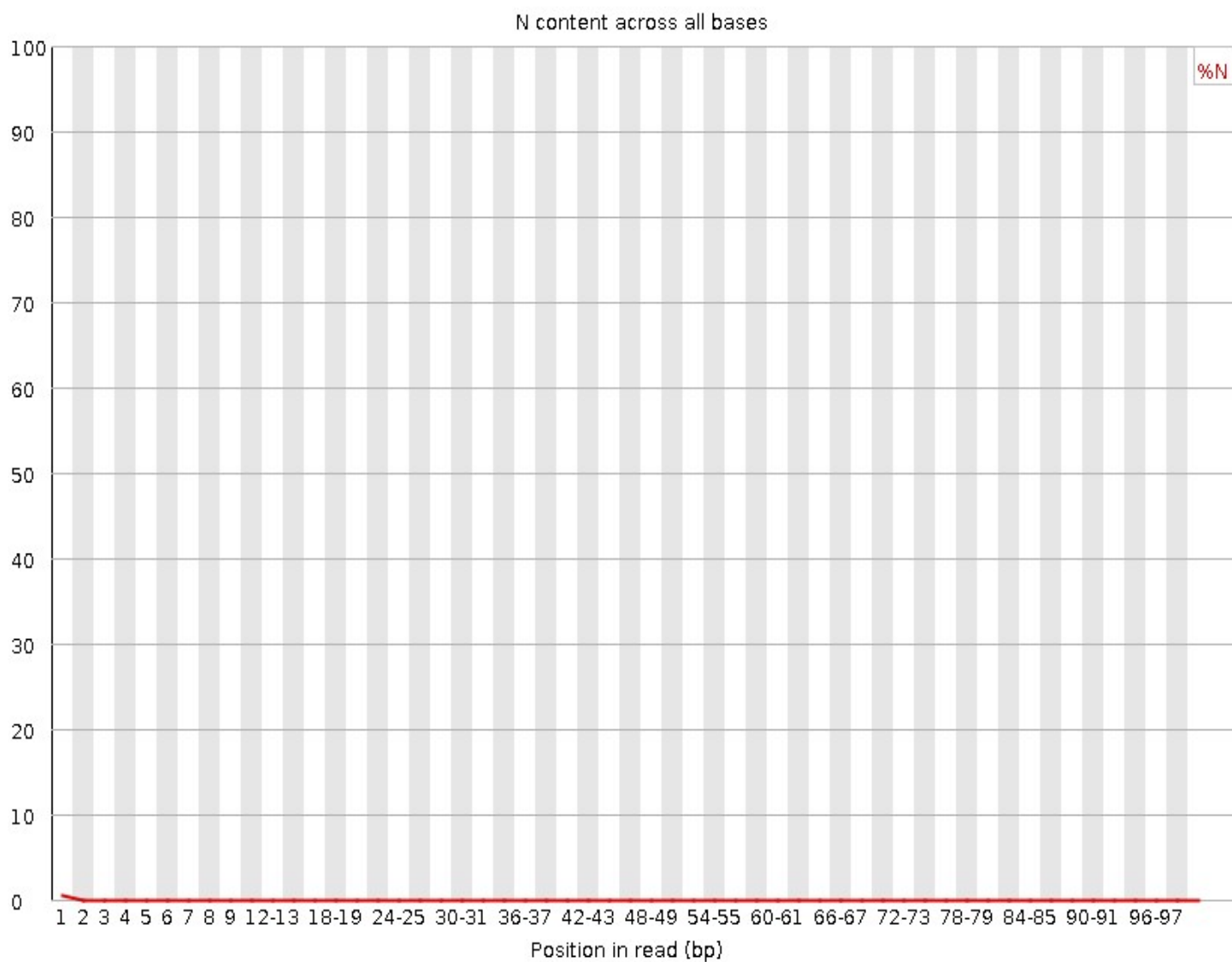
## ❌ Per base sequence content



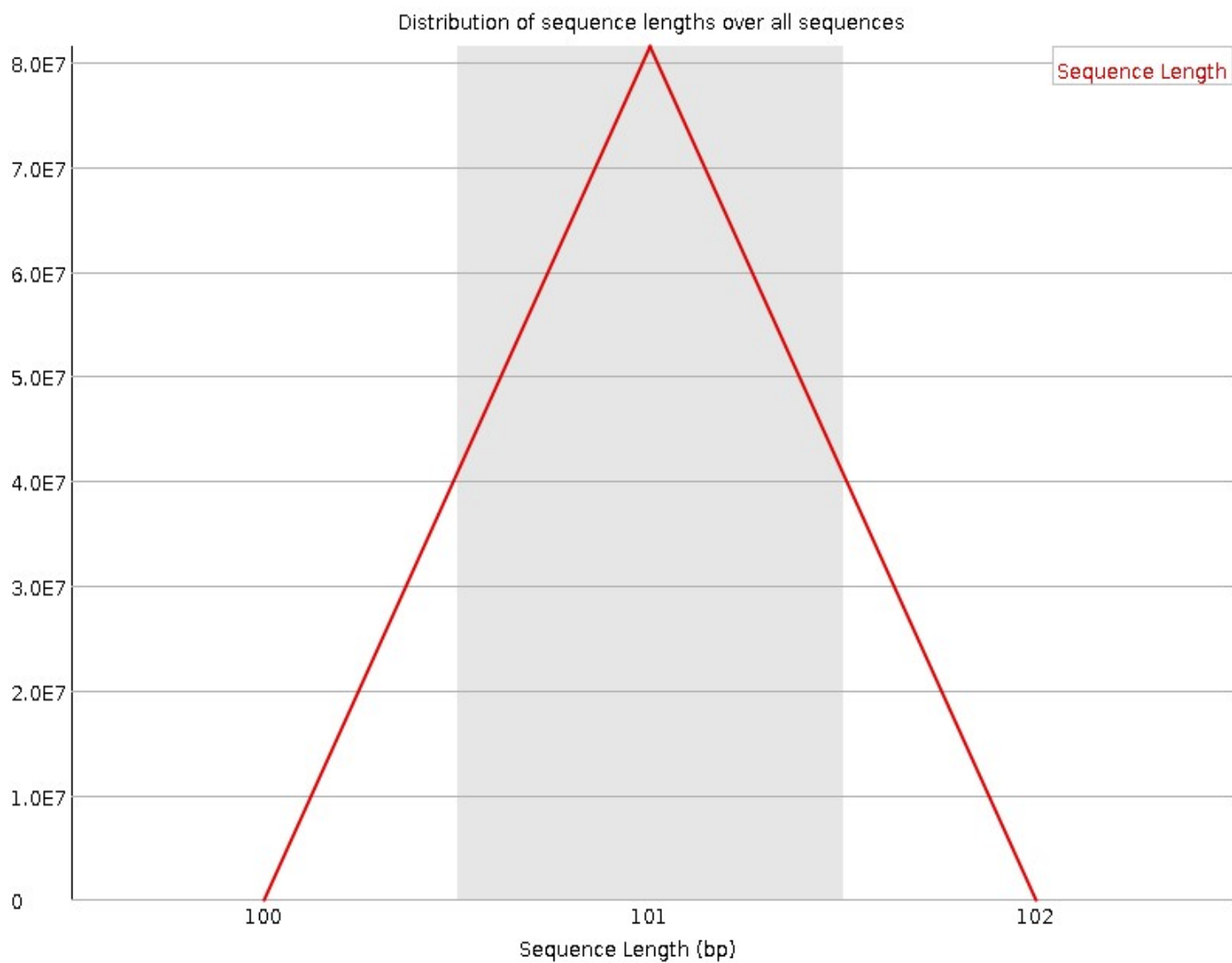
## ⚠ Per sequence GC content



## Per base N content

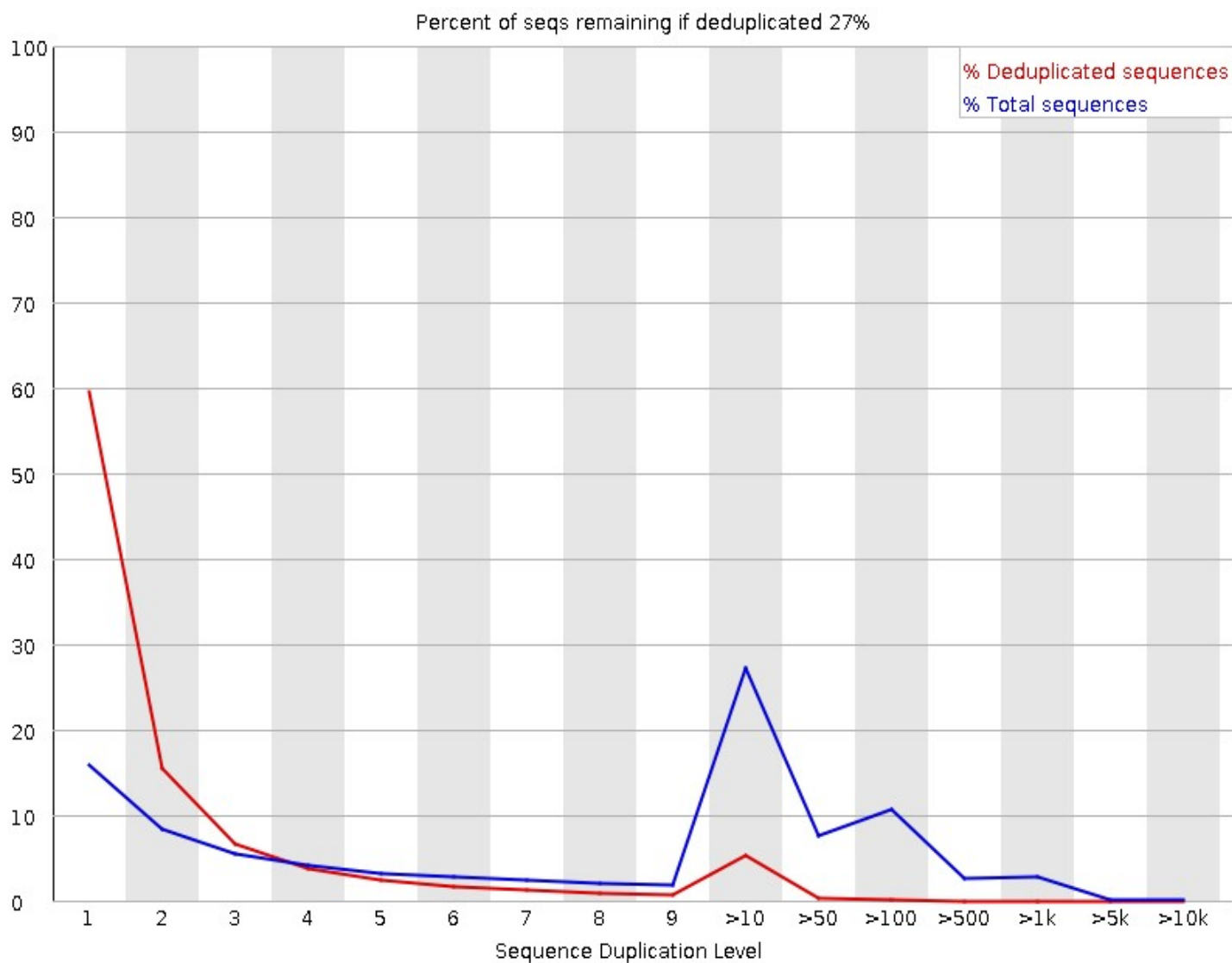


## Sequence Length Distribution



## Sequence Duplication Levels



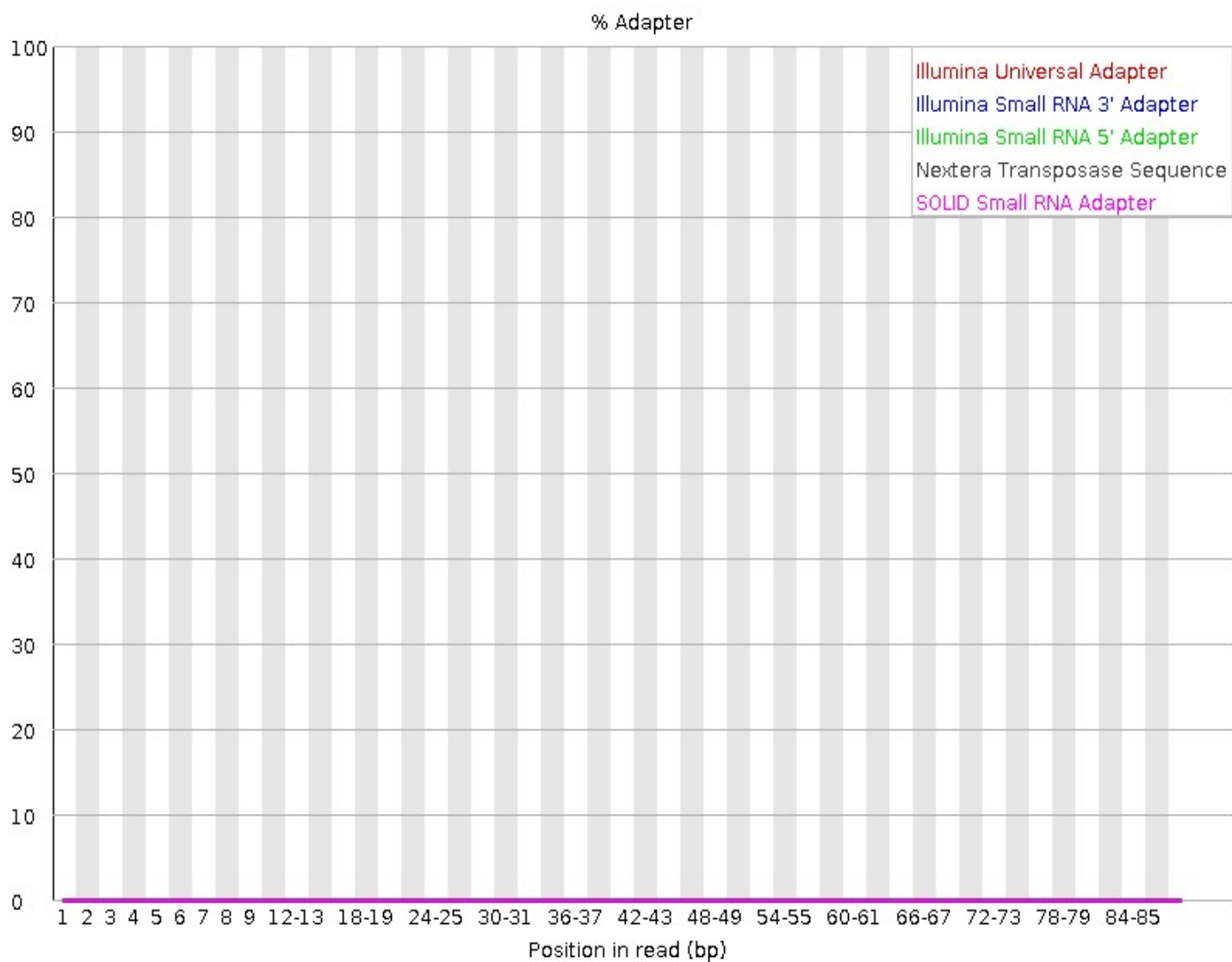


## Overrepresented sequences

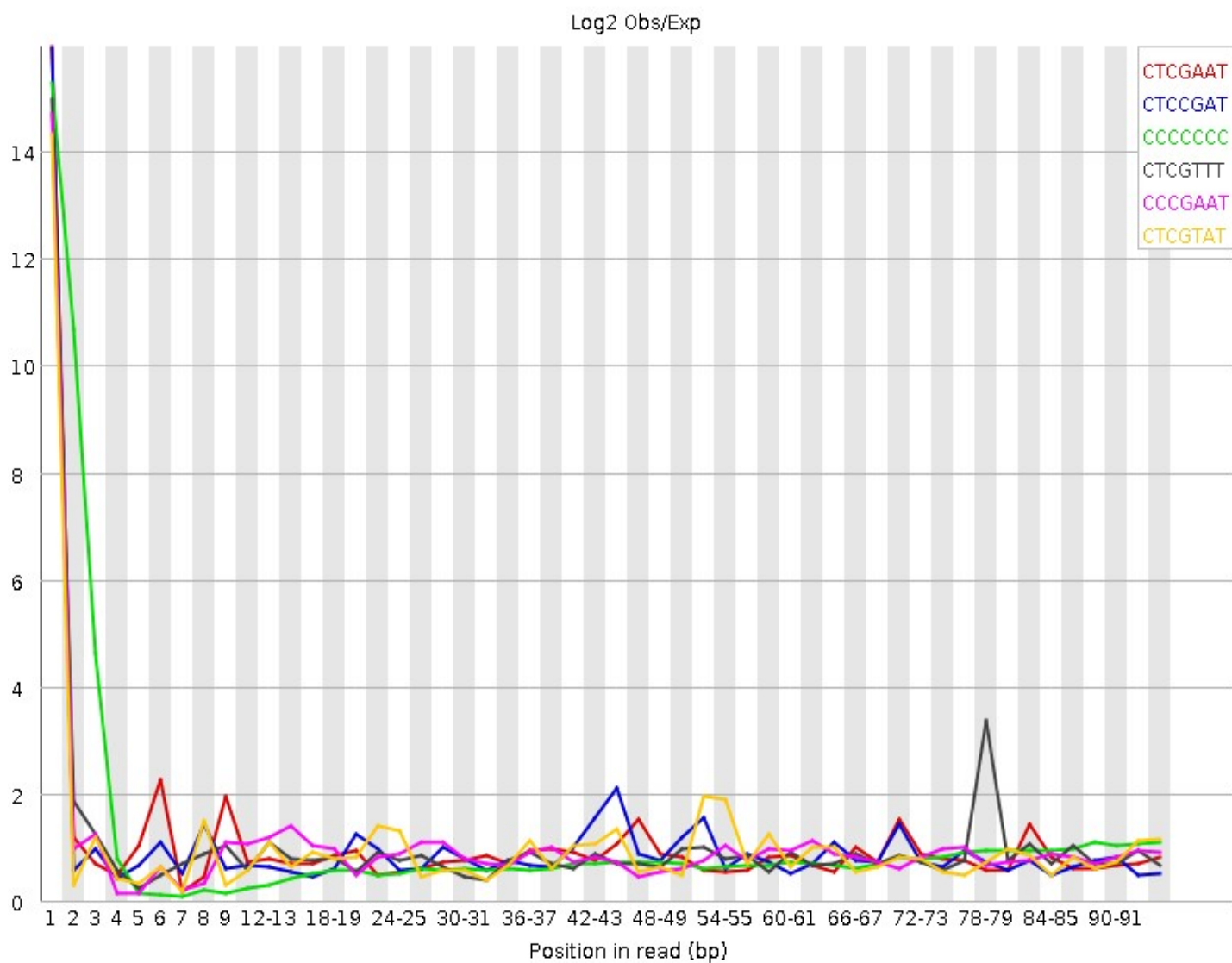
No overrepresented sequences



## Adapter Content



 **Kmer Content**



Sequence	Count	PValue	Obs/Exp Max	Max Obs/Exp Position
CTCGAAT	29340	0.0	15.948988	1
CTCCGAT	30695	0.0	15.945673	1
CCCCCCC	86515	0.0	15.287211	1
CTCGTTT	36795	0.0	14.977903	1
CCCGAAT	16090	0.0	14.704819	1
CTCGTAT	18360	0.0	14.344633	1
TCGAATG	18440	0.0	14.198977	2
TCCGATT	26235	0.0	12.6065	2
CCCCCCT	43835	0.0	12.504019	3
CTCCGTT	28060	0.0	12.452033	1
CGAATGT	20750	0.0	12.4292965	3
CGATTAG	20445	0.0	12.080392	4

Sequence	Count	PValue	Obs/Exp Max	Max Obs/Exp Position
CCCGTTT	22980	0.0	11.876722	1
CCGATTA	22075	0.0	11.83387	3
CCCGATT	11410	0.0	11.645809	1
GTCGGTT	20225	0.0	11.391189	1
CTCCTAT	30325	0.0	11.380122	1
CTCCGGT	31010	0.0	11.313704	1
CCCGGTT	23920	0.0	11.230153	1
CCCGTAT	11700	0.0	11.030328	1

Produced by [FastQC](#) (version 0.11.5)