












# FastQC Report

## Summary

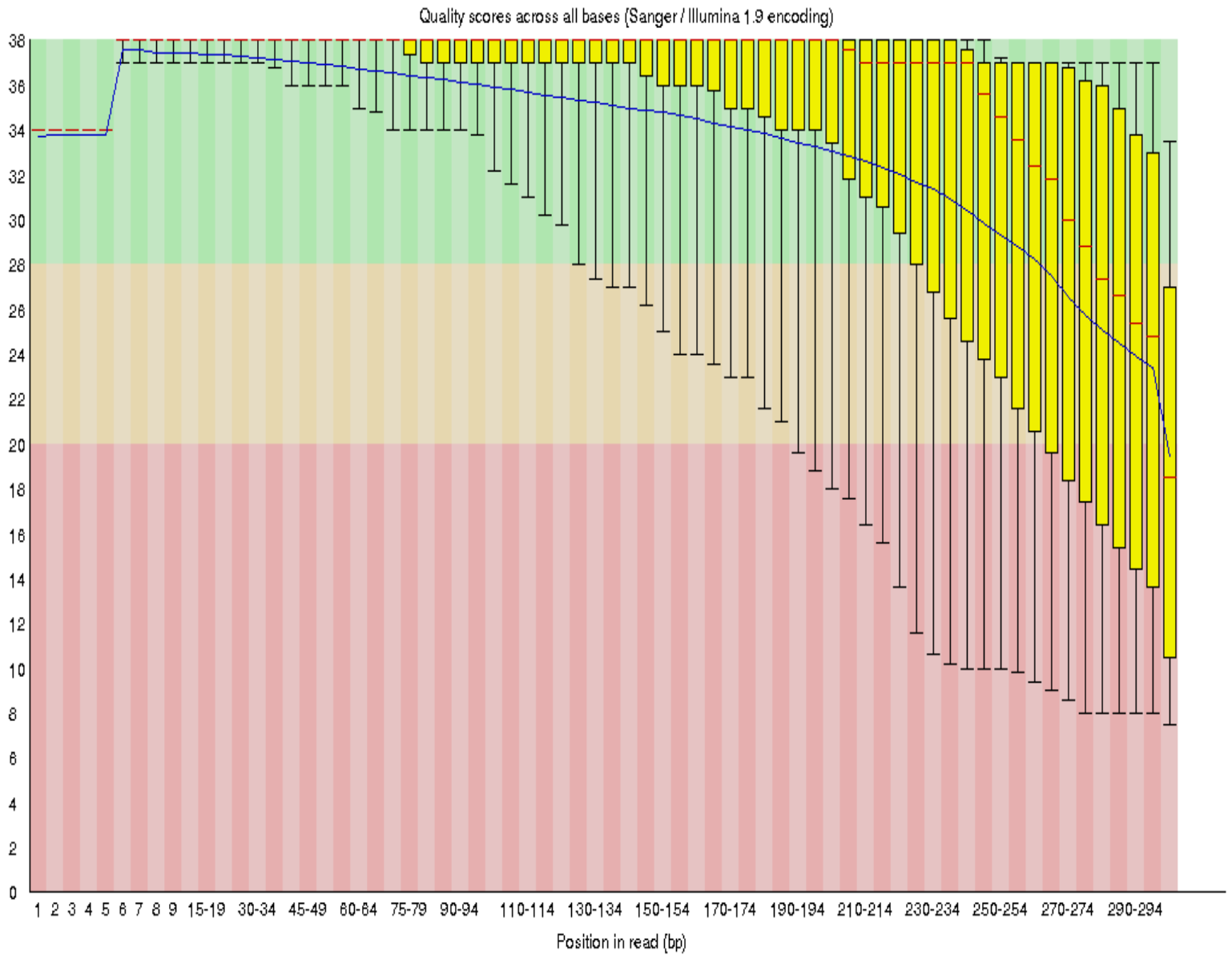
Tue 7 Apr 2015  
SW019\_S1\_L001\_R1\_001.fastq

-  [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

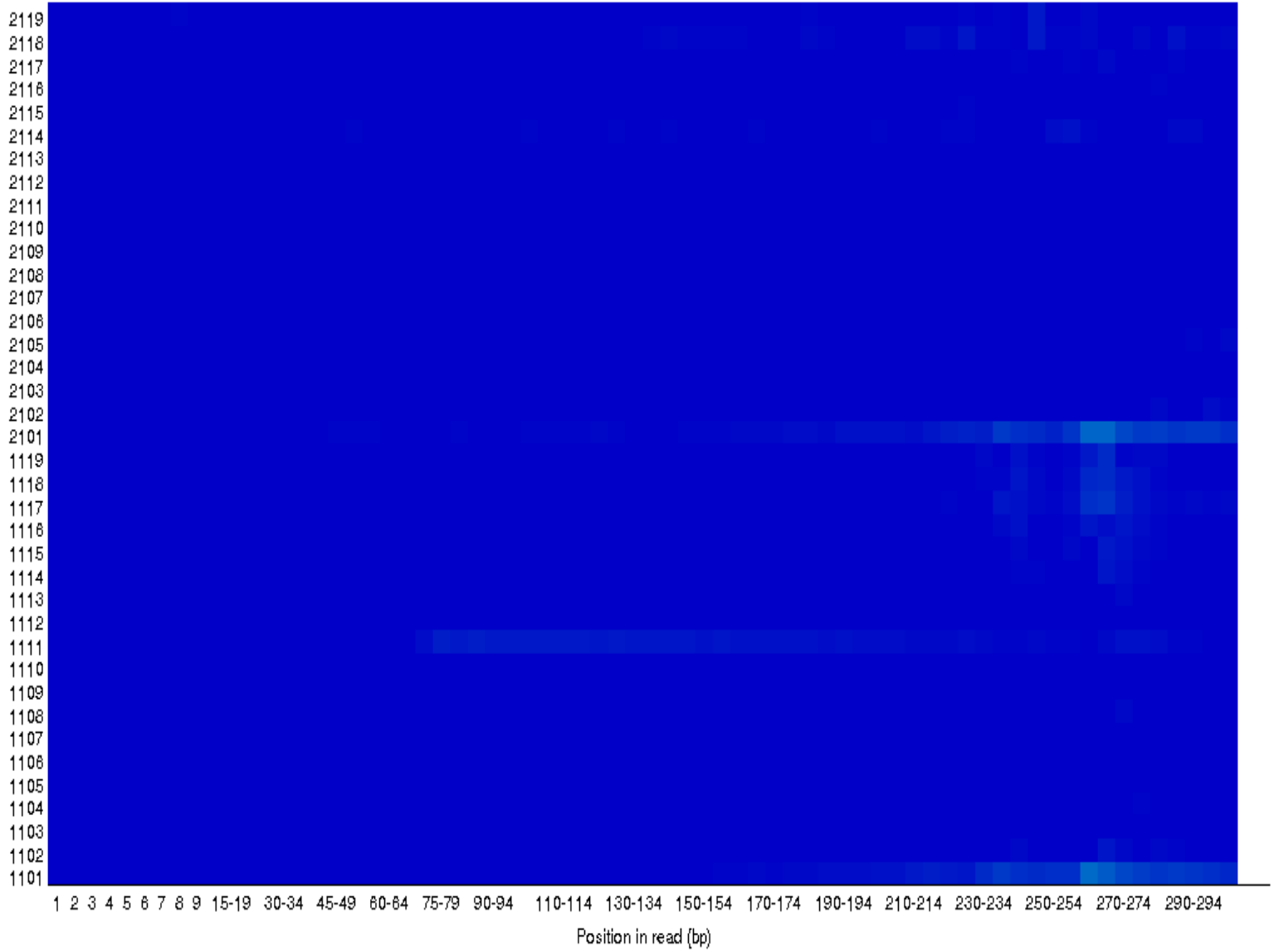
Measure	Value
Filename	SW019_S1_L001_R1_001.fastq
File type	Conventional base calls
Encoding	Sanger / Illumina 1.9
Total Sequences	27268723
Sequences flagged as poor quality	0
Sequence length	301
%GC	41

## Per base sequence quality

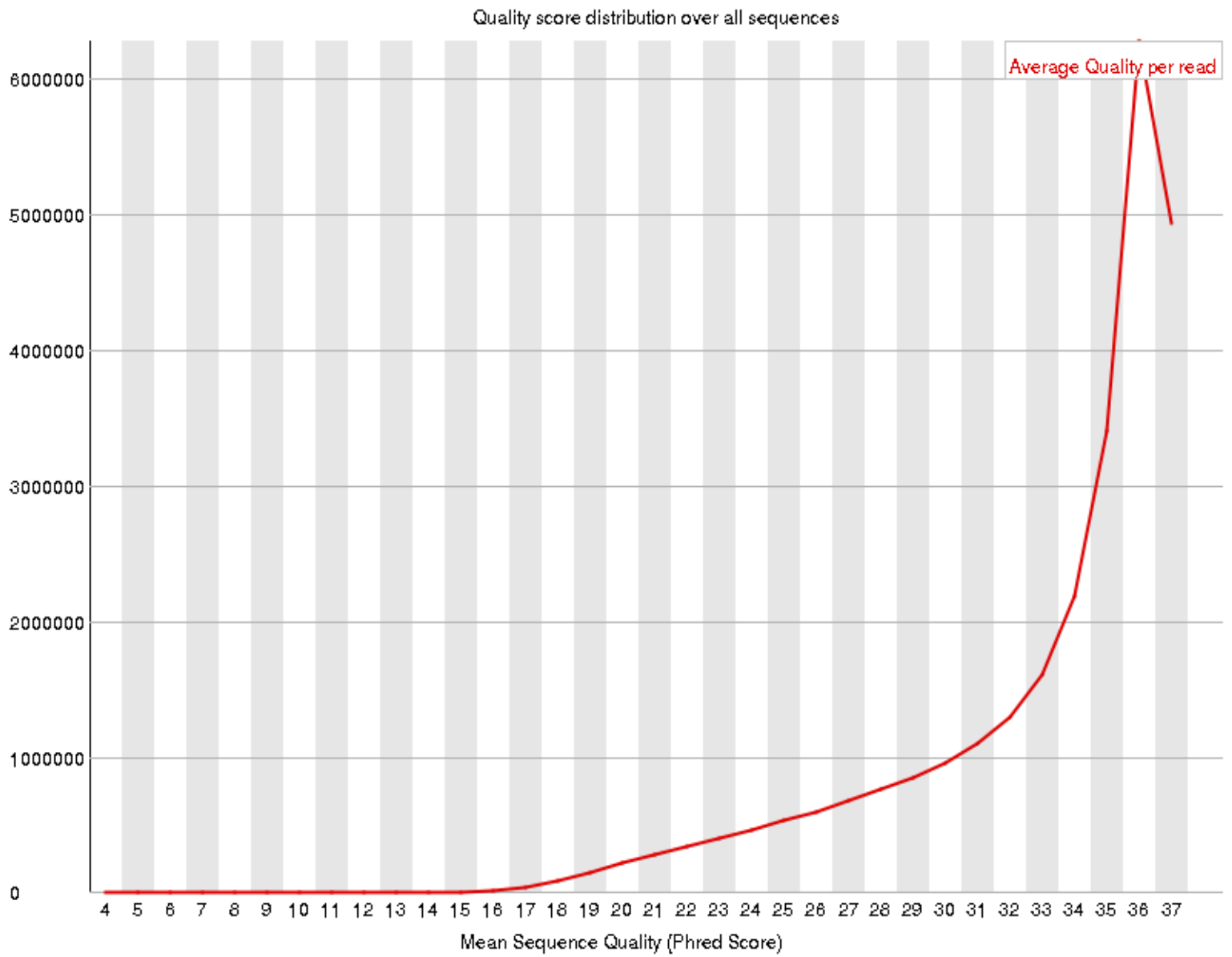


## Per tile sequence quality

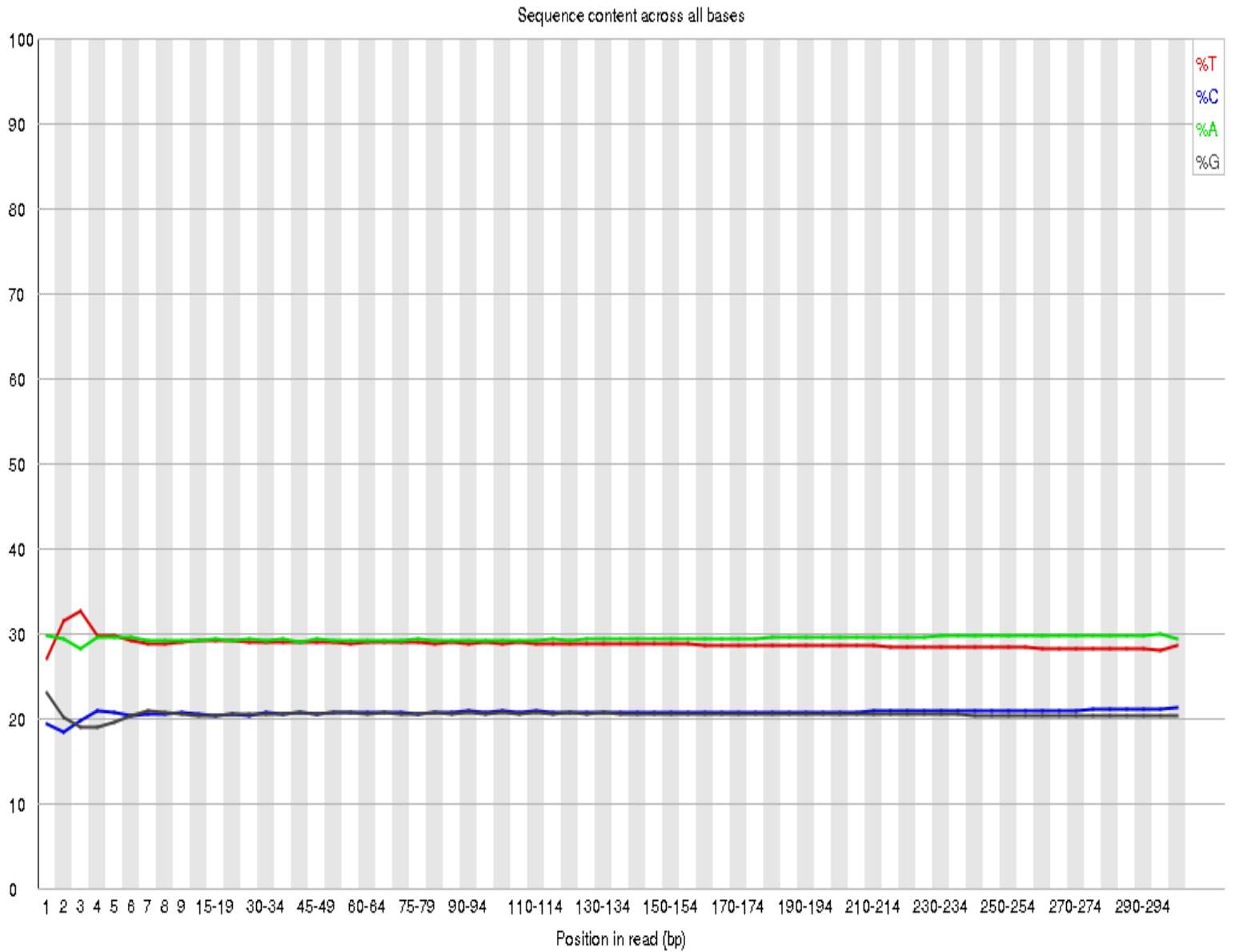
Quality per tile



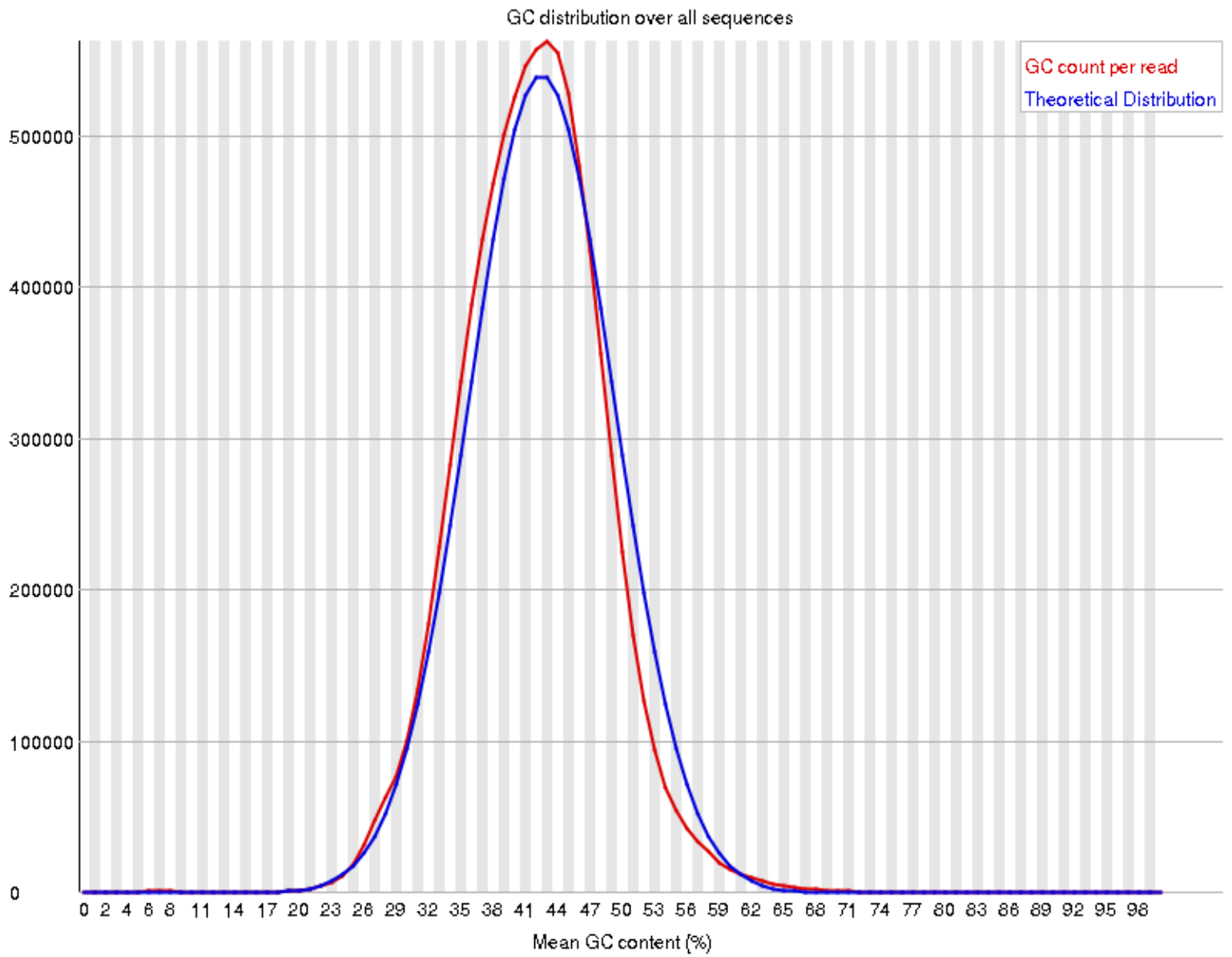
 **Per sequence quality scores**



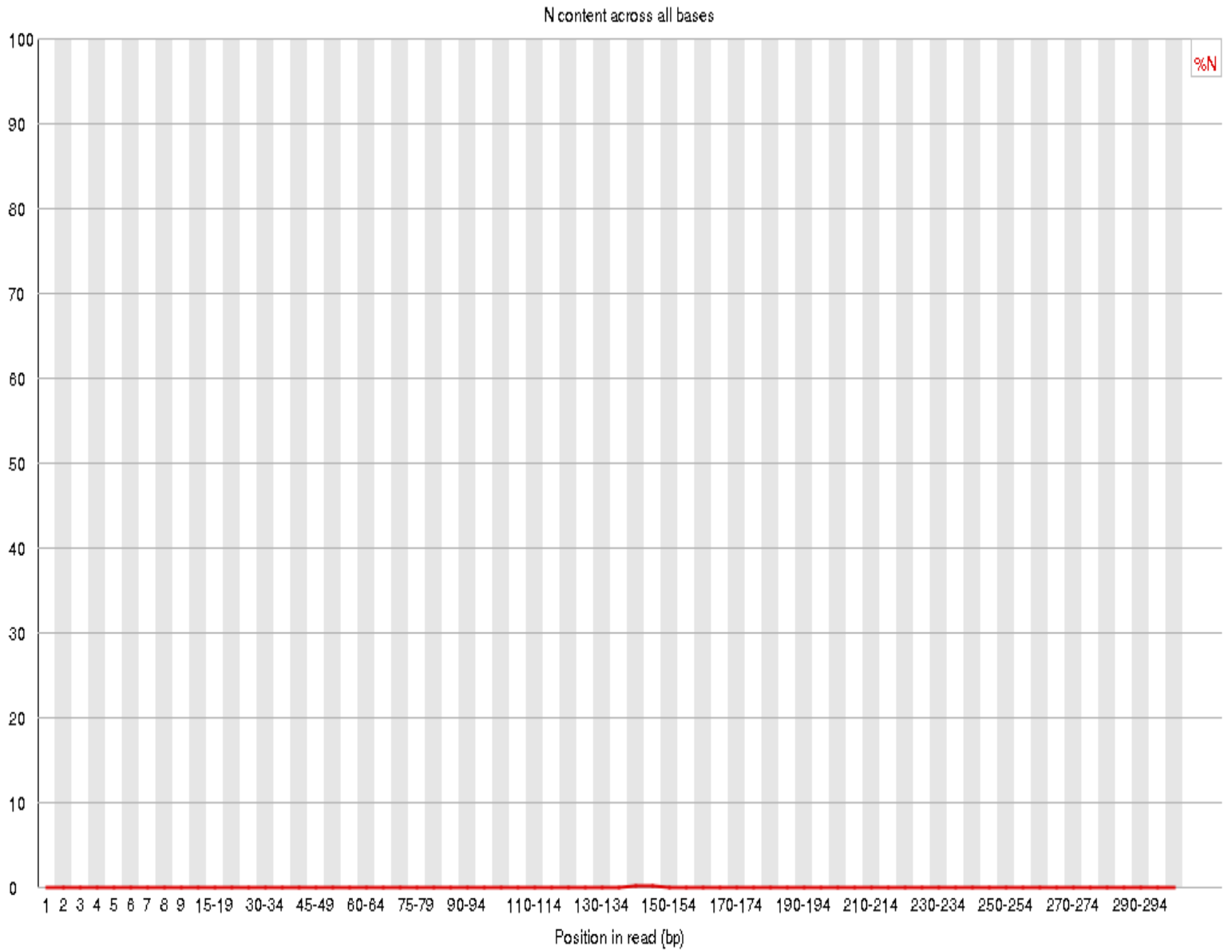
 **Per base sequence content**



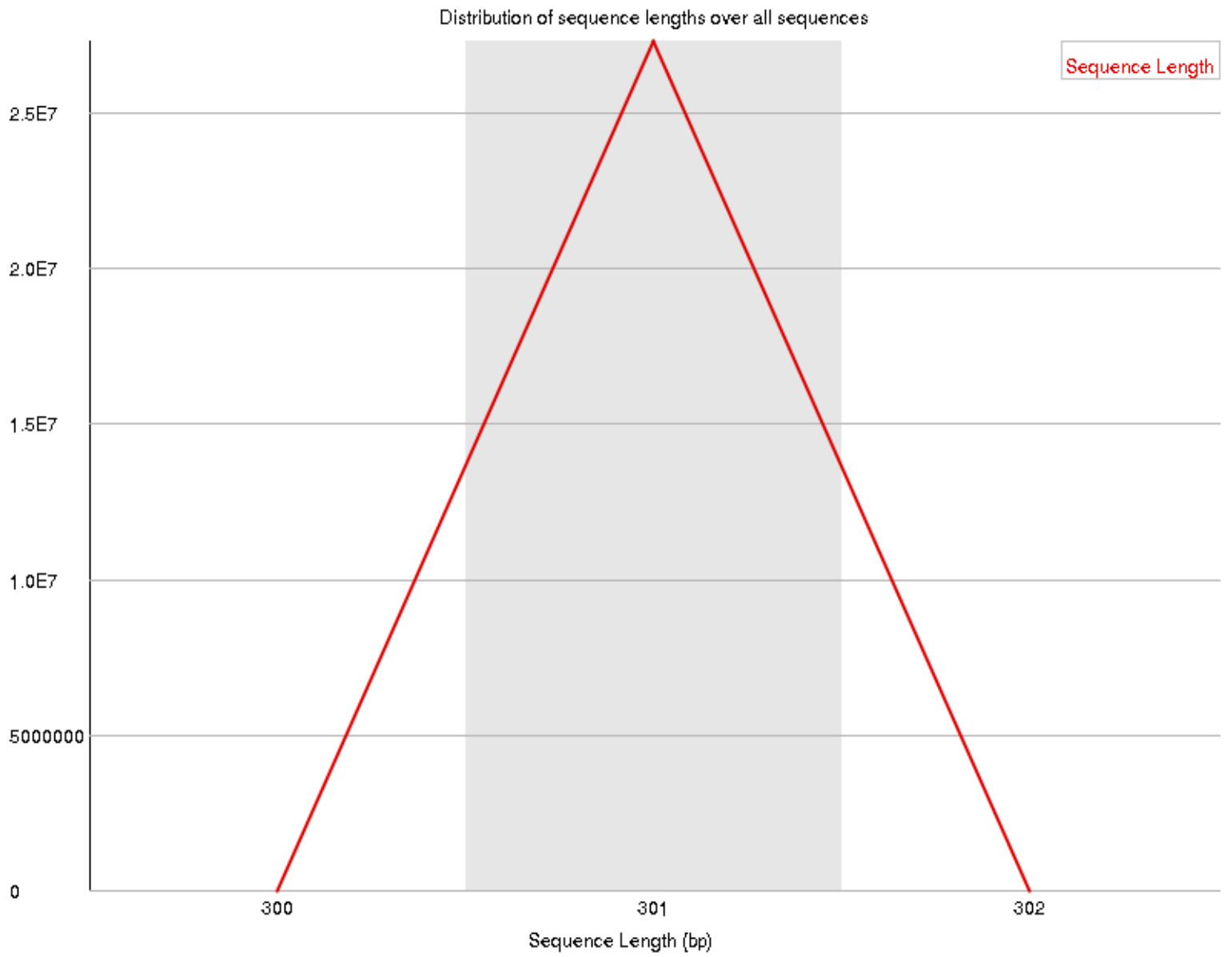
## Per sequence GC content



 **Per base N content**

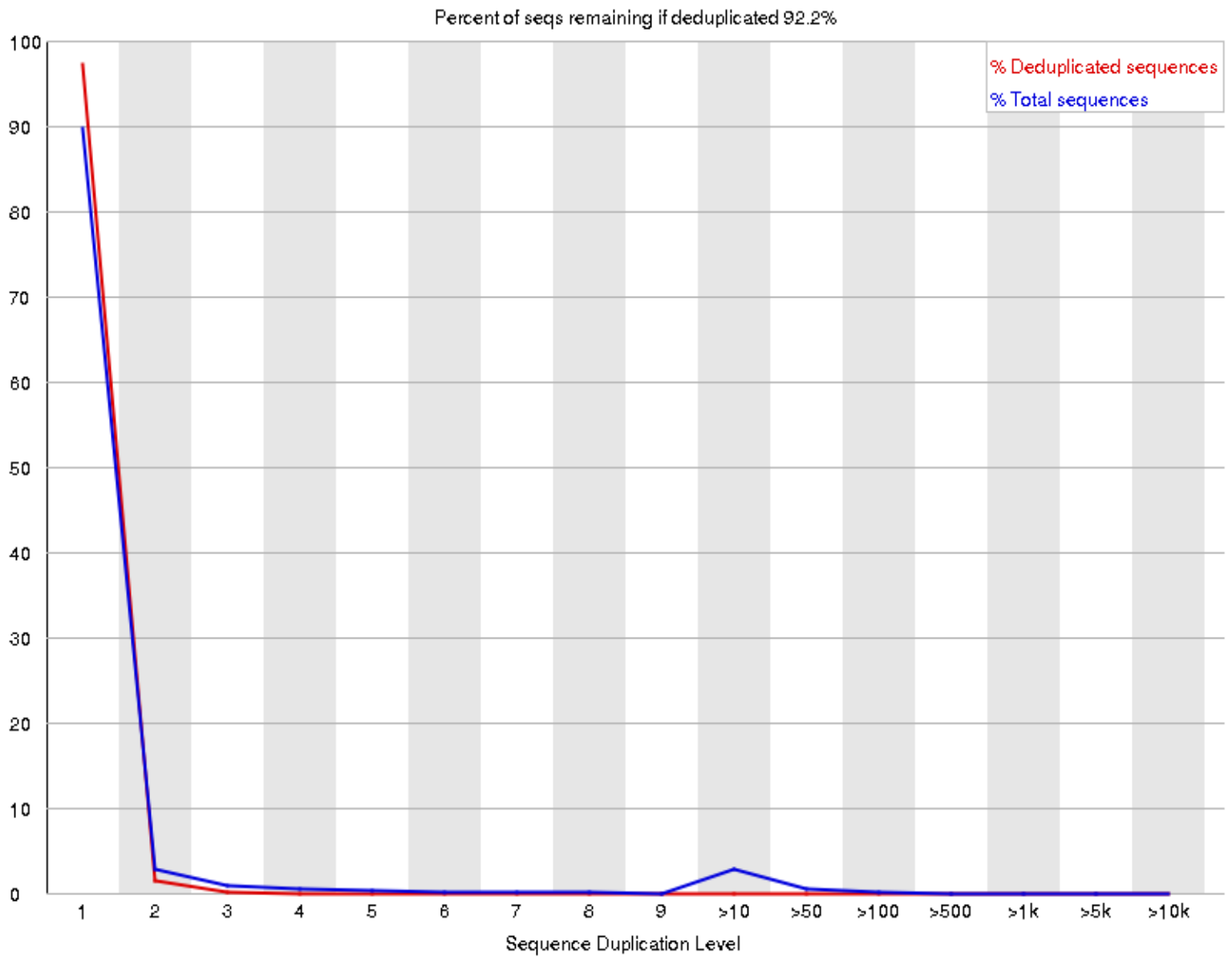


## Sequence Length Distribution



## Sequence Duplication Levels



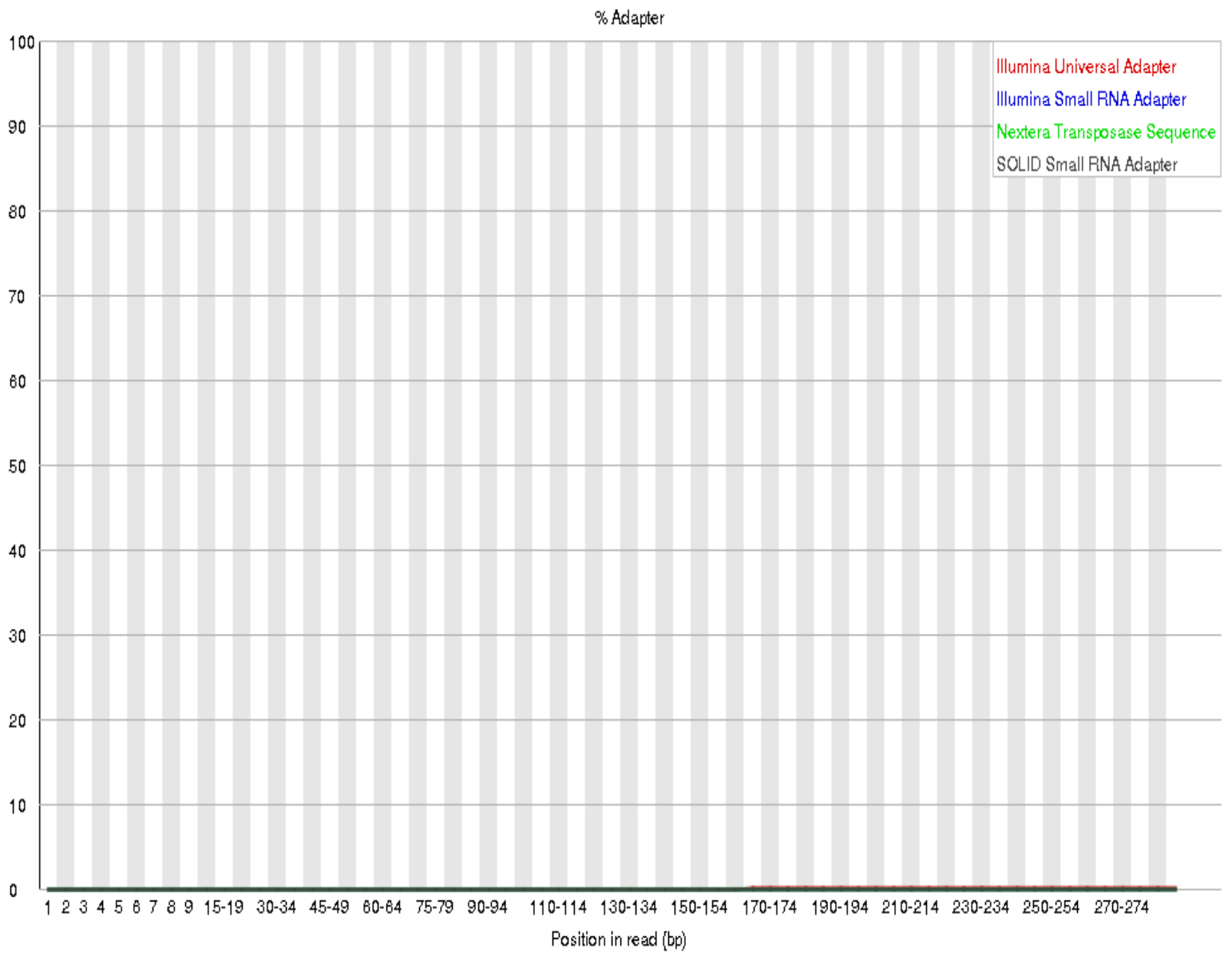


## Overrepresented sequences

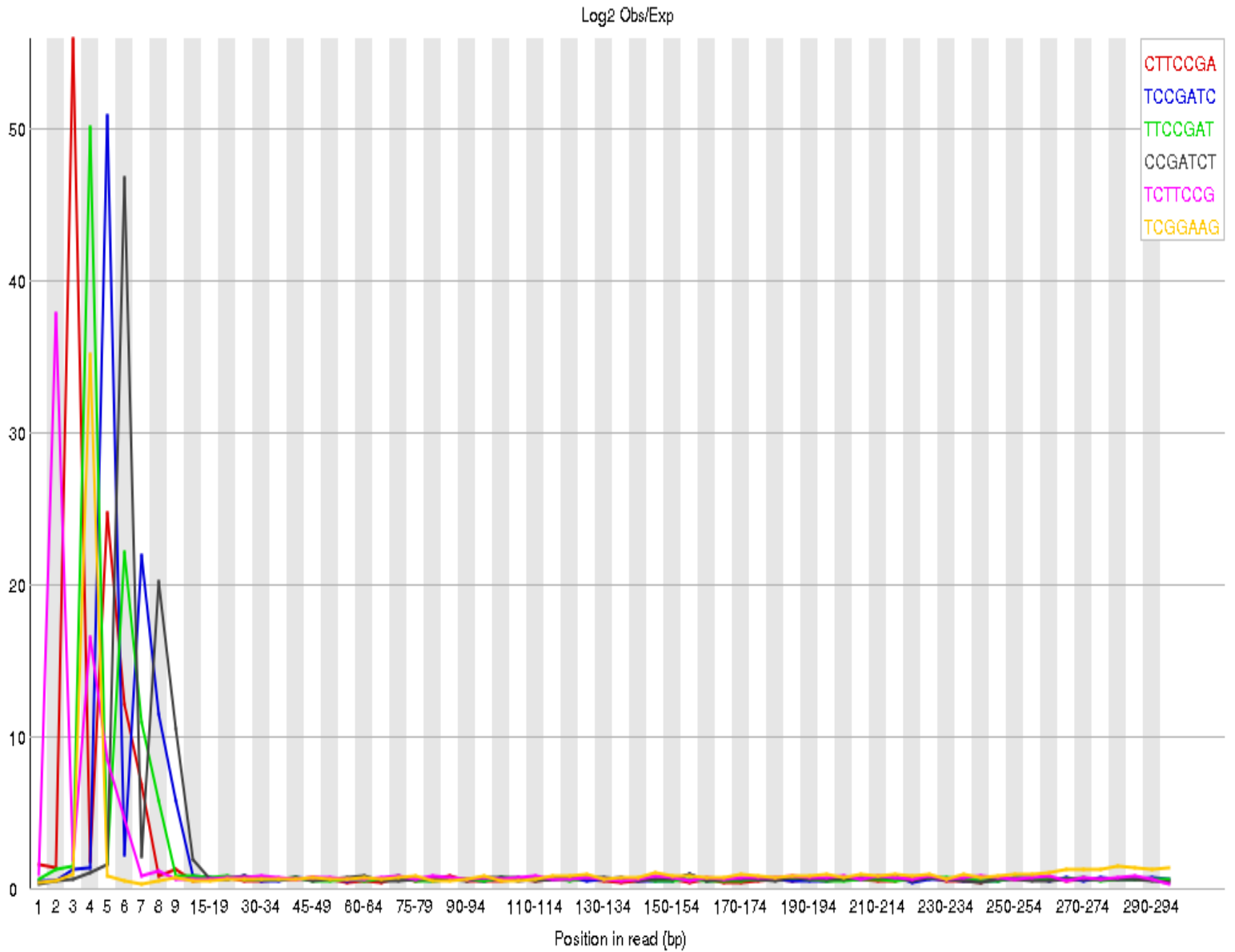
No overrepresented sequences



## Adapter Content



## Kmer Content



Sequence	Count	PValue	Obs/Exp Max	Max Obs/Exp Position
CTTCGGA	25995	0.0	55.888588	3
TCCGATC	28495	0.0	50.862576	5
TTCCGAT	28920	0.0	50.124577	4
CCGATCT	30990	0.0	46.763428	6
TCTTCCG	38425	0.0	37.88839	2
TCGGAAG	27385	0.0	35.181873	4
ATCGGAA	30435	0.0	32.09787	3
GATCGGA	30735	0.0	31.690664	2

AGATCGG	32555	0.0	30.288261	1
CGGAAGA	40155	0.0	24.208963	5
CGATCTA	20545	0.0	21.07431	7
CTCTTCC	90970	0.0	16.623217	1
GAAGAGC	59715	0.0	16.424908	7
CGATCTT	26310	0.0	15.56095	7
ACGCTCT	19950	0.0	15.366903	1
GCTCTTC	51110	0.0	12.858553	2
CGCTCTT	25905	0.0	12.286643	2
GGAAGAG	94840	0.0	10.901304	6
CGATCTG	32840	0.0	10.628142	7
CGATCTC	31470	0.0	9.967702	7

Produced by [FastQC](#) (version 0.11.3)