













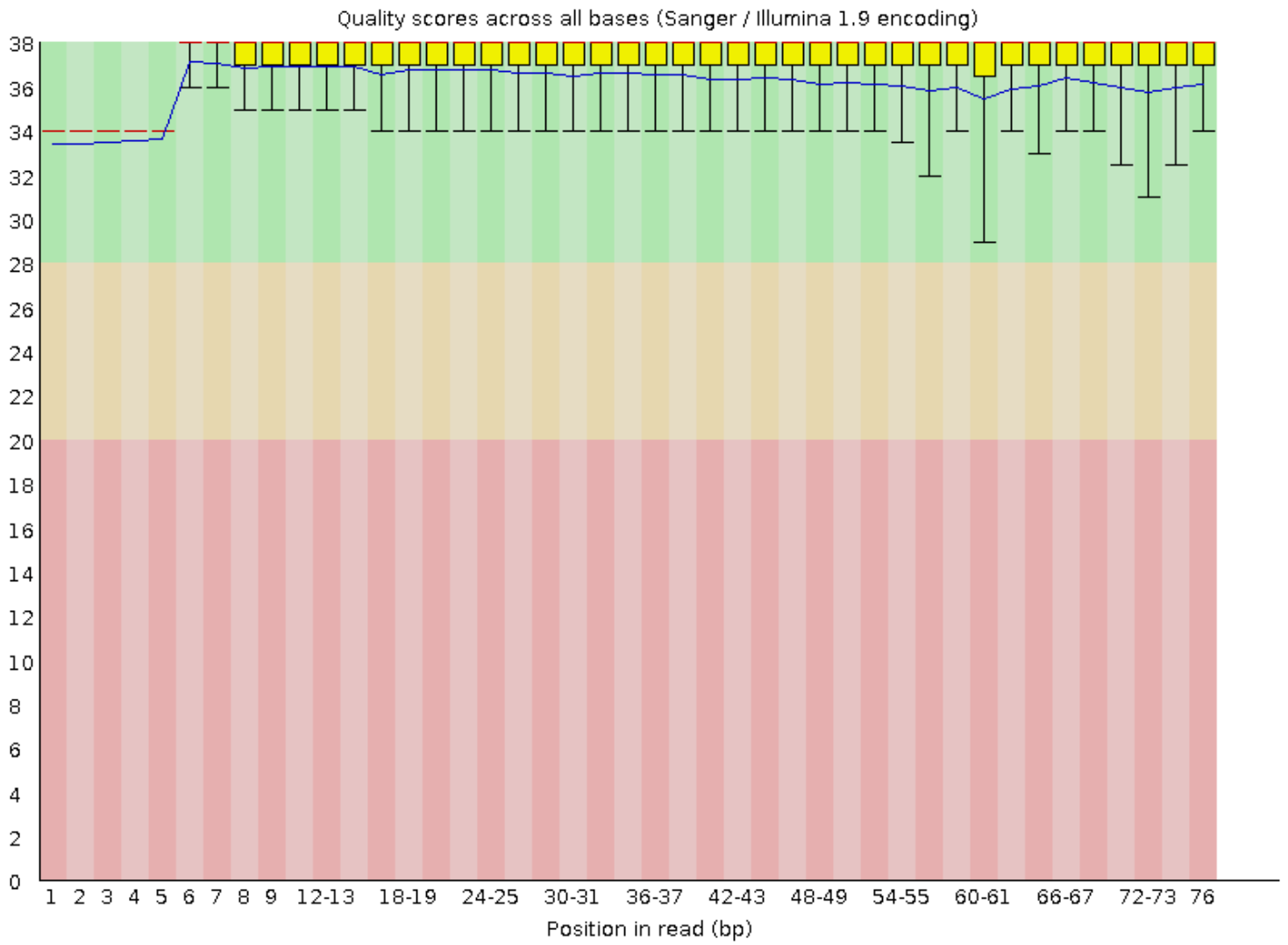
Summary

-  [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

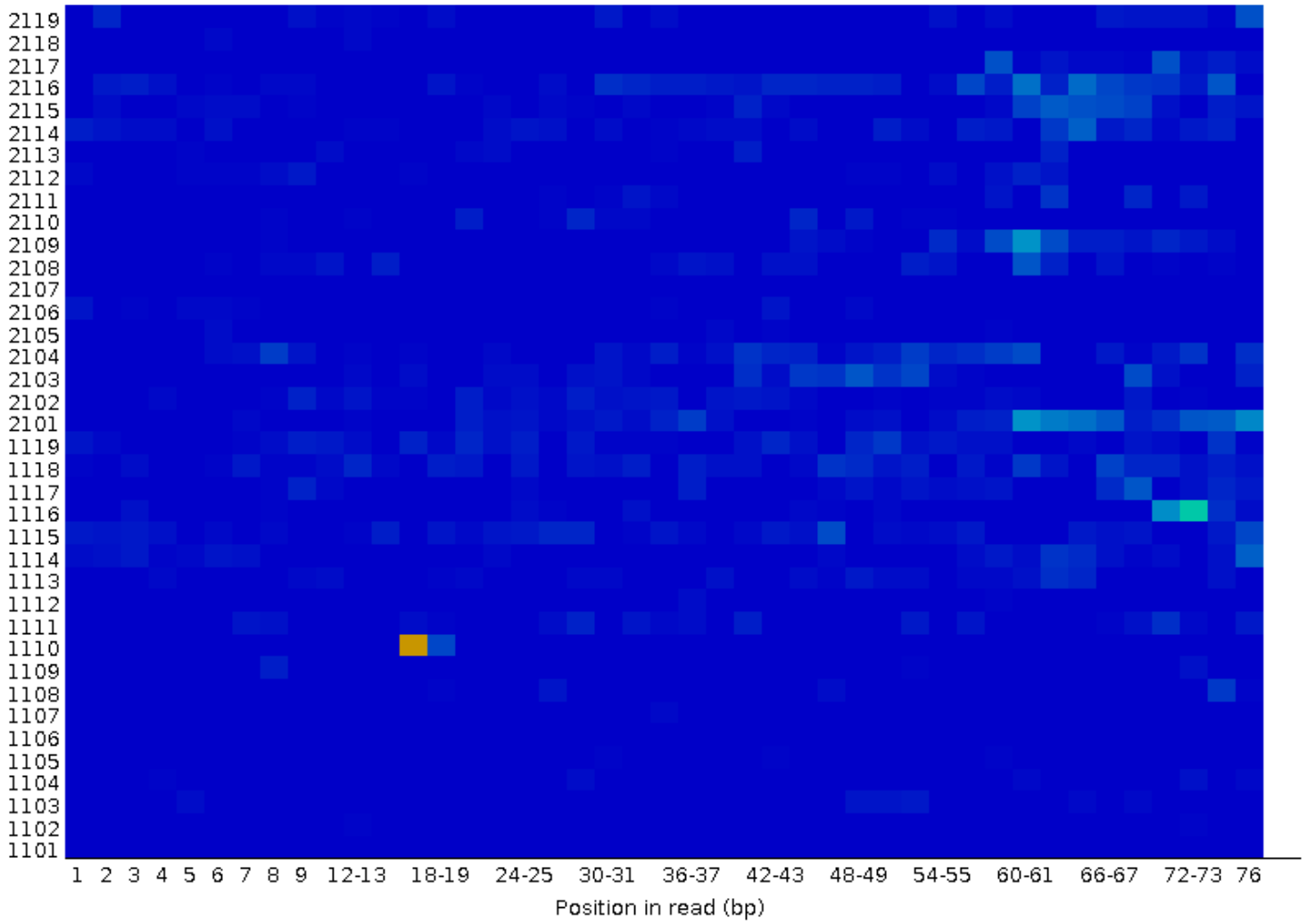
Measure	Value
Filename	skewer_SW041_2-trimmed-pair1.fastq
File type	Conventional base calls
Encoding	Sanger / Illumina 1.9
Total Sequences	27960
Sequences flagged as poor quality	0
Sequence length	49-76
%GC	44

Per base sequence quality

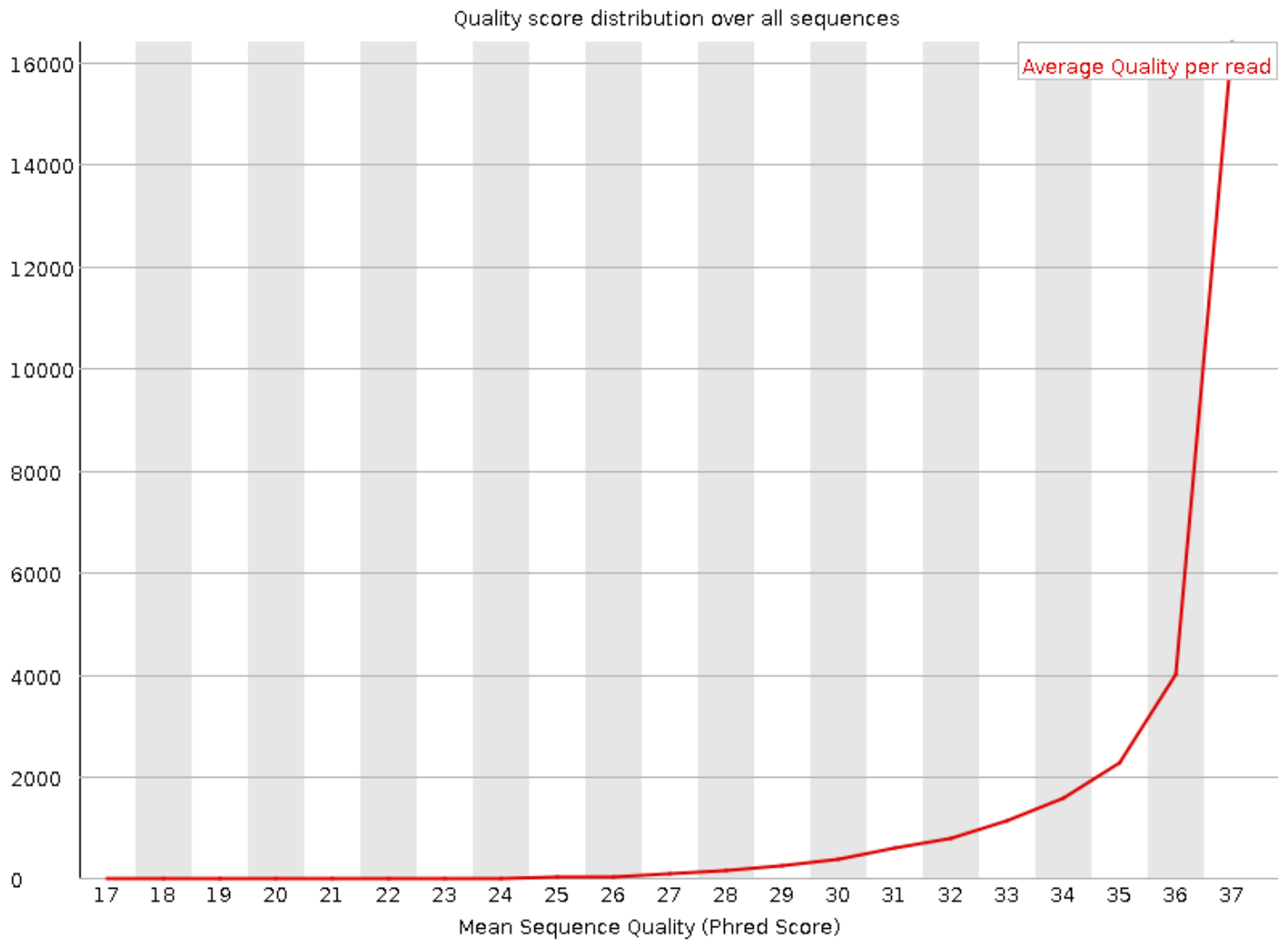


! Per tile sequence quality

Quality per tile

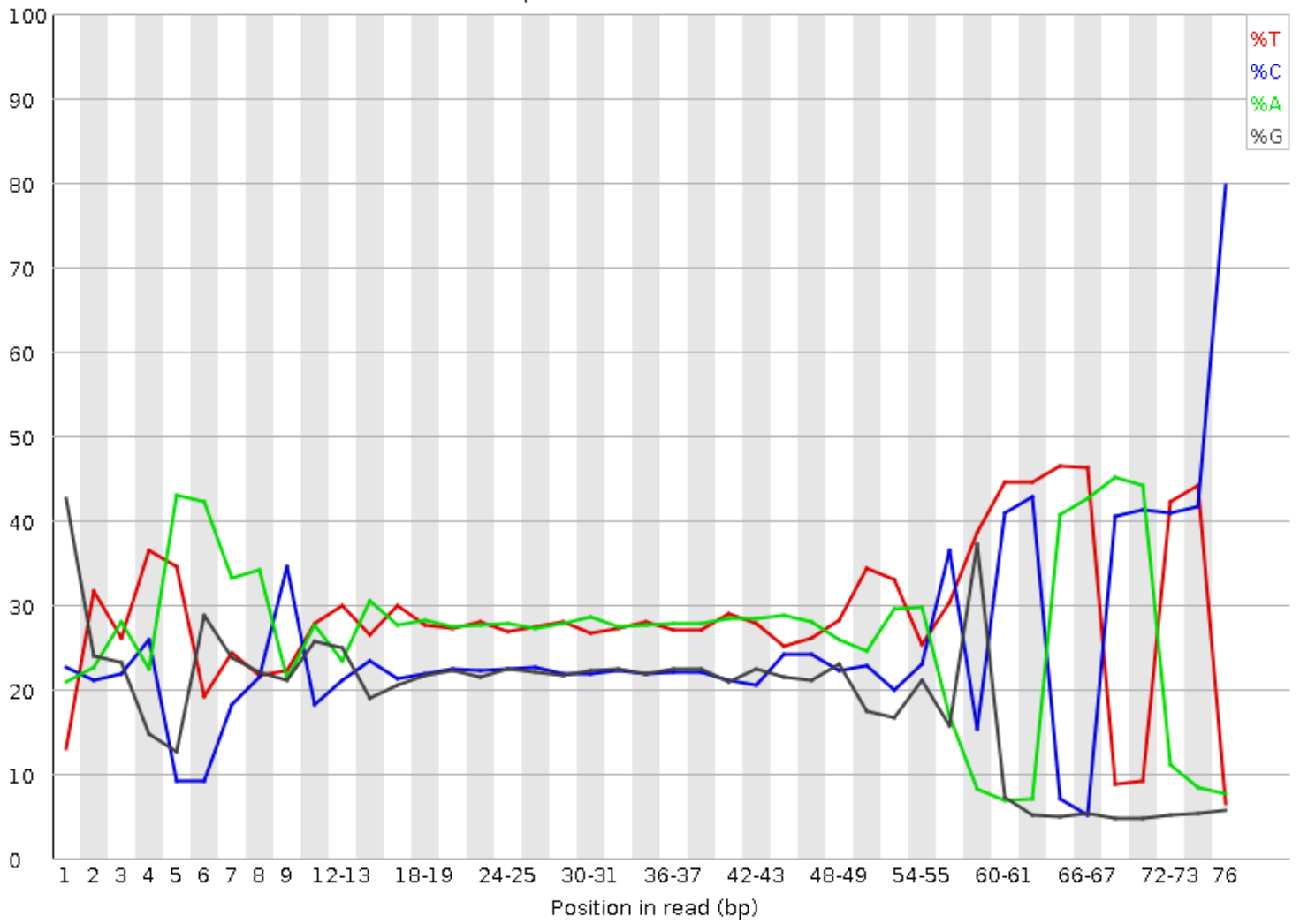


 **Per sequence quality scores**



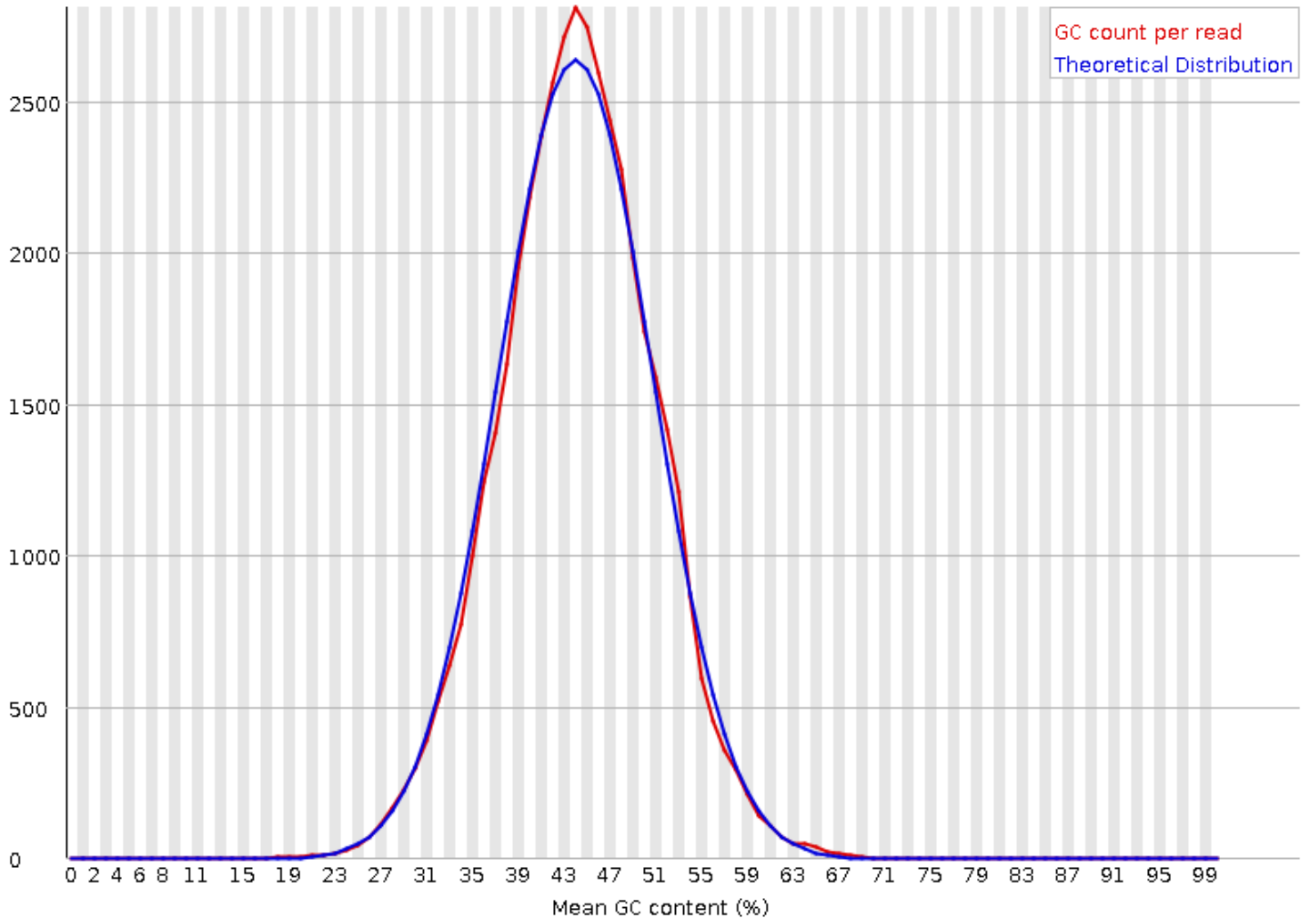
✘ Per base sequence content

Sequence content across all bases



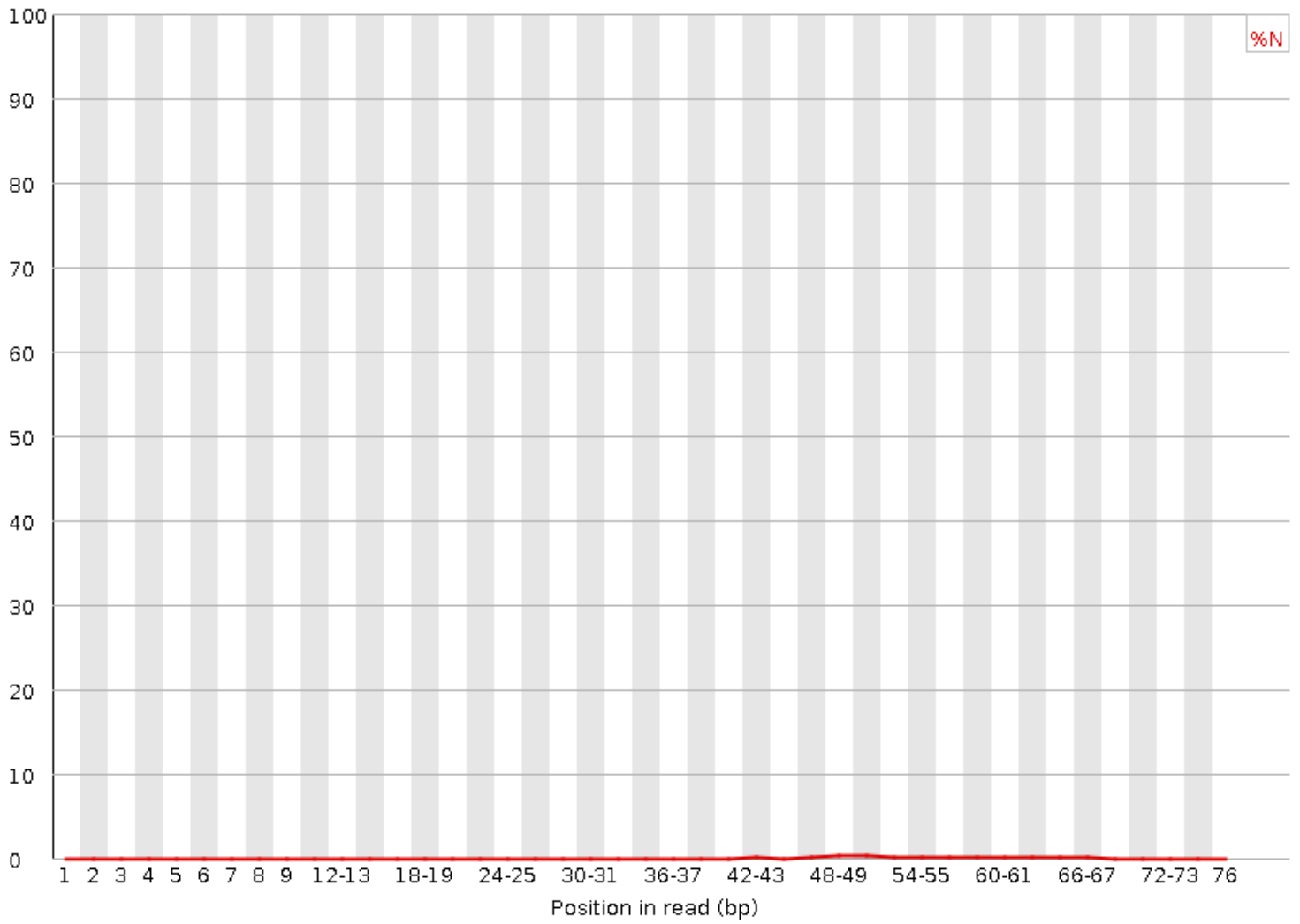
✔ Per sequence GC content

GC distribution over all sequences

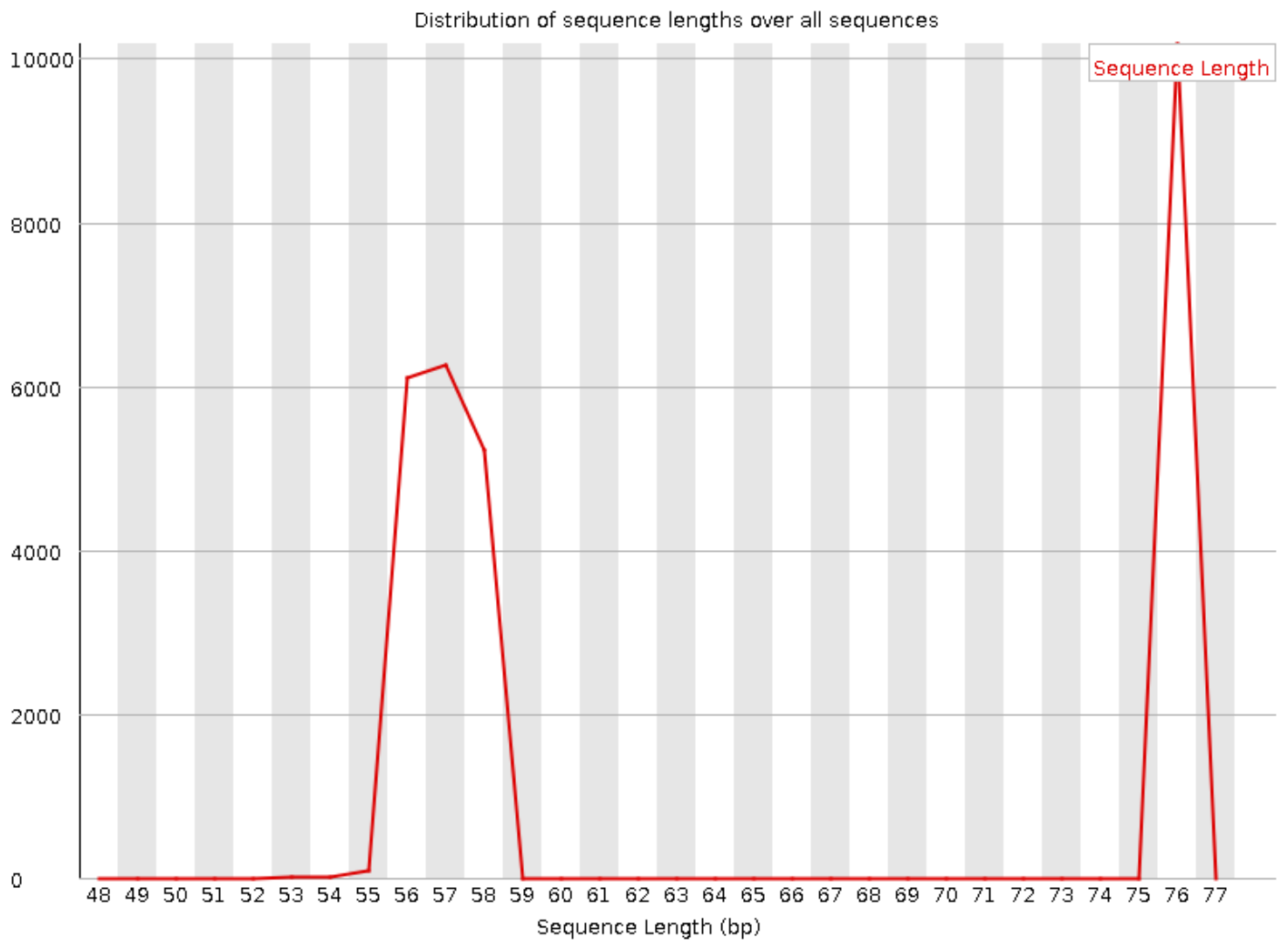


✔ Per base N content

N content across all bases

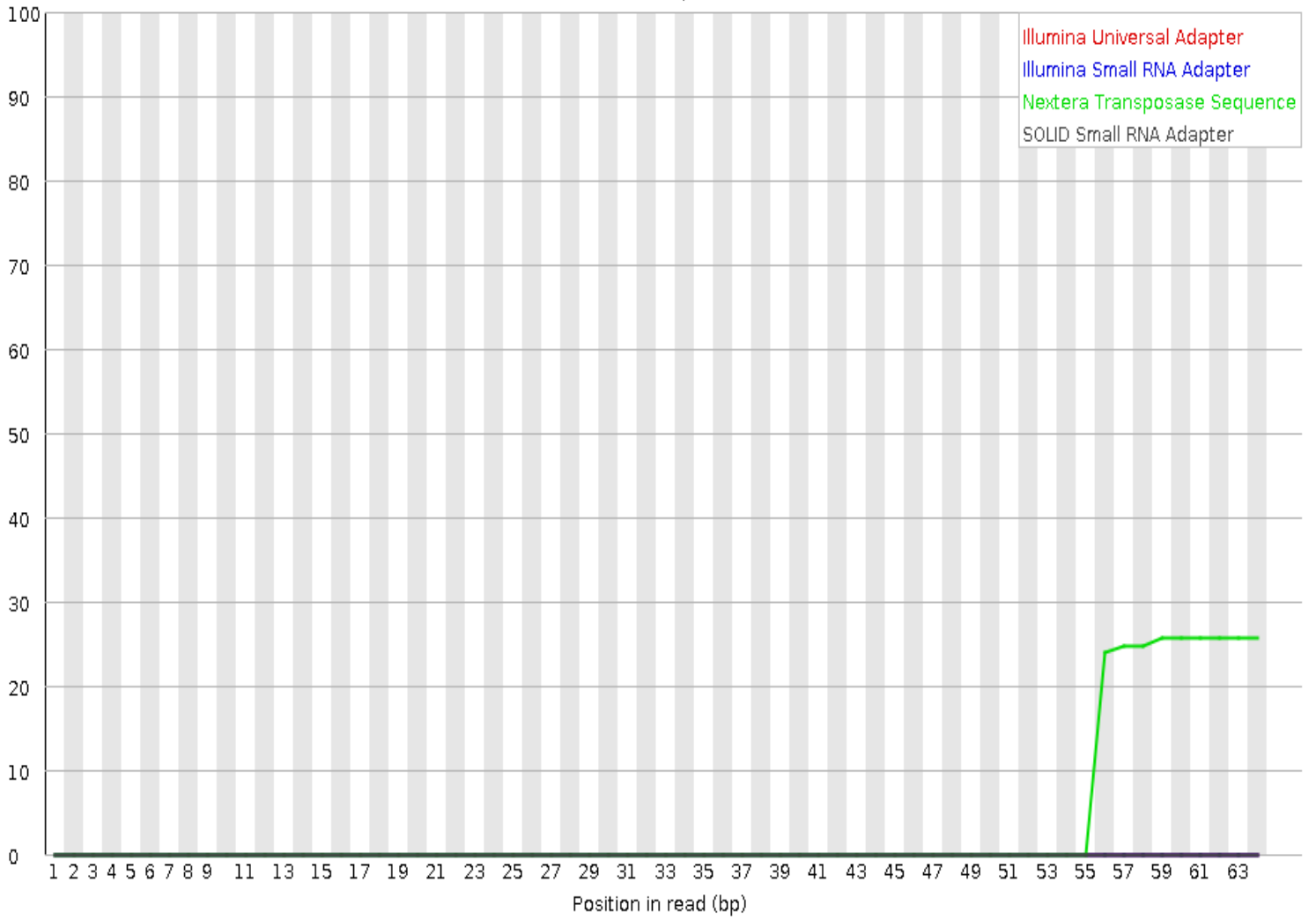


! Sequence Length Distribution



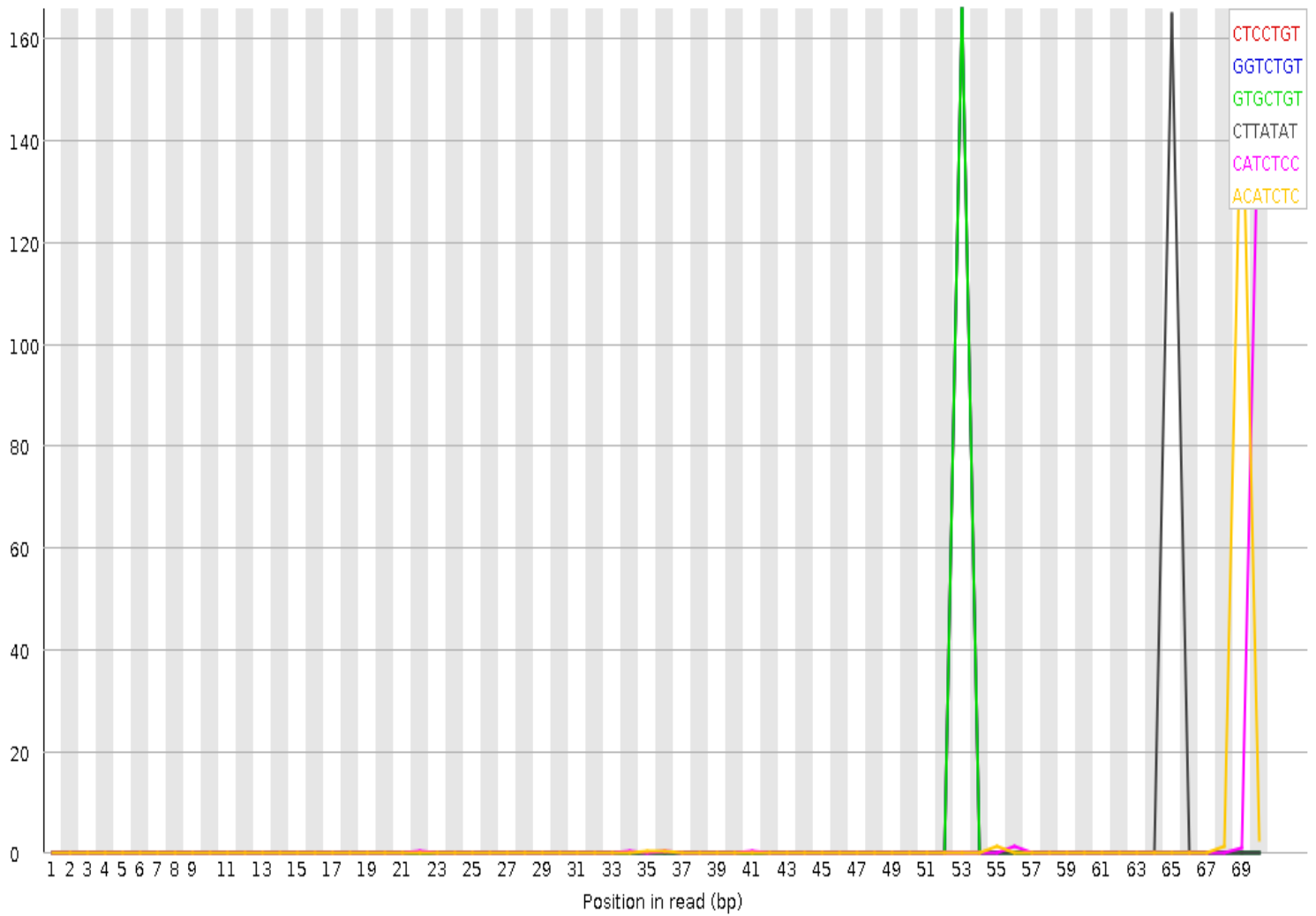
 **Sequence Duplication Levels**

% Adapter



 **Kmer Content**

Log2 Obs/Exp



Sequence	Count	PValue	Obs/Exp Max	Max Obs/Exp Position
CTCCTGT	10	0.004689999	165.64948	53
GGTCTGT	20	1.0435542E-6	165.64948	53
GTGCTGT	10	0.004689999	165.64948	53
CTTATAT	15	7.165195E-5	164.79999	65
CATCTCC	645	0.0	156.33318	70
ACATCTC	640	0.0	156.2736	69
CACATCT	645	0.0	155.06216	68
TACACAT	640	0.0	154.99268	66
ATACACA	645	0.0	154.57985	65
ACACATC	655	0.0	152.69482	67
TCTTATA	675	0.0	151.37186	61
TATACAC	670	0.0	151.27165	64
CTTATAC	680	0.0	150.25882	62
TTATACA	675	0.0	150.15111	63
CTCTTAT	680	0.0	149.04706	60

GCTGTCT	150	0.0	148.32	55
TCTCTTA	685	0.0	147.95912	59
CTGTCTC	685	0.0	147.95912	56
AACCTGT	45	0.0	147.24397	53
TGTCTCT	690	0.0	146.88696	57

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