

FastQC Report

Summary

Wed 20 May 2015
skewer_41_seqprep_dupRemoved_R2.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](#)

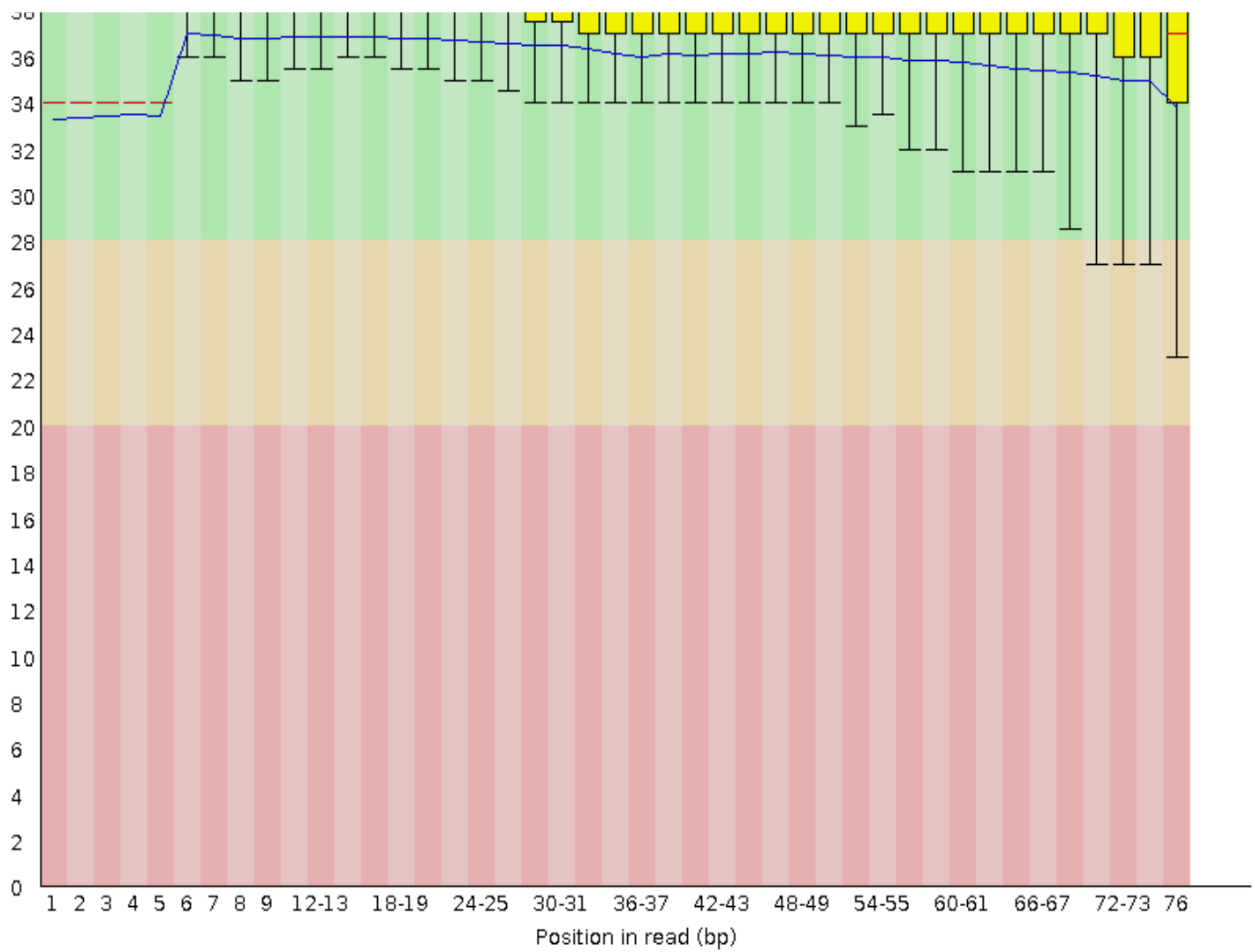
Basic Statistics

Measure	Value
Filename	skewer_41_seqprep_dupRemoved_R2.fastq
File type	Conventional base calls
Encoding	Sanger / Illumina 1.9
Total Sequences	1366241
Sequences flagged as poor quality	0
Sequence length	18-76
%GC	43

Per base sequence quality

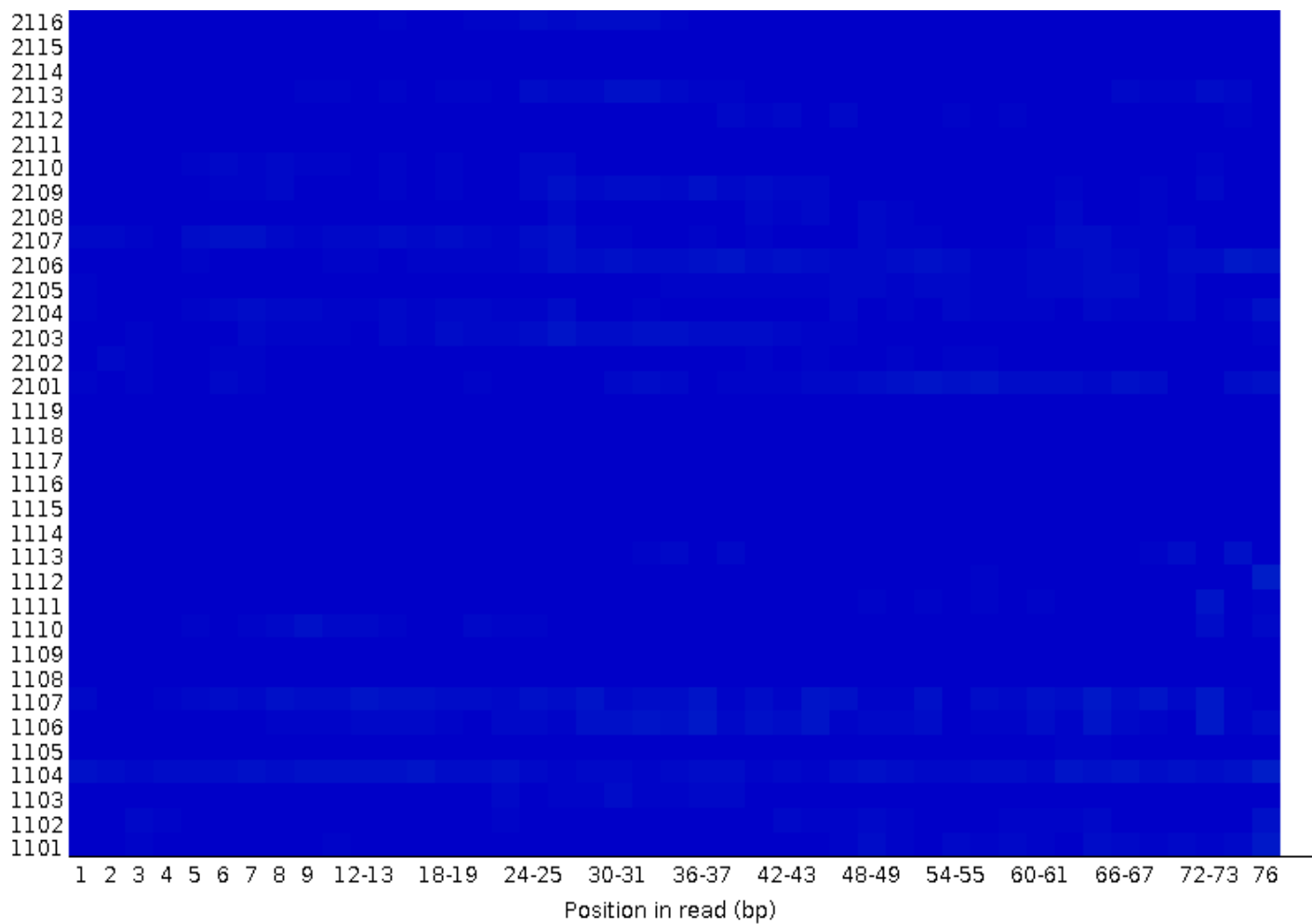
Quality scores across all bases (Sanger / Illumina 1.9 encoding)



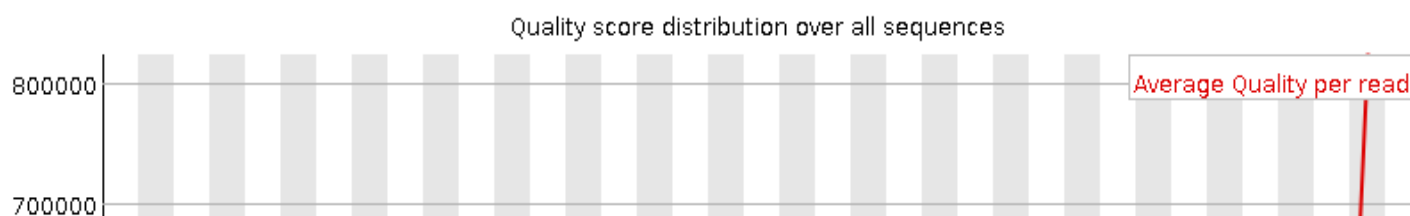


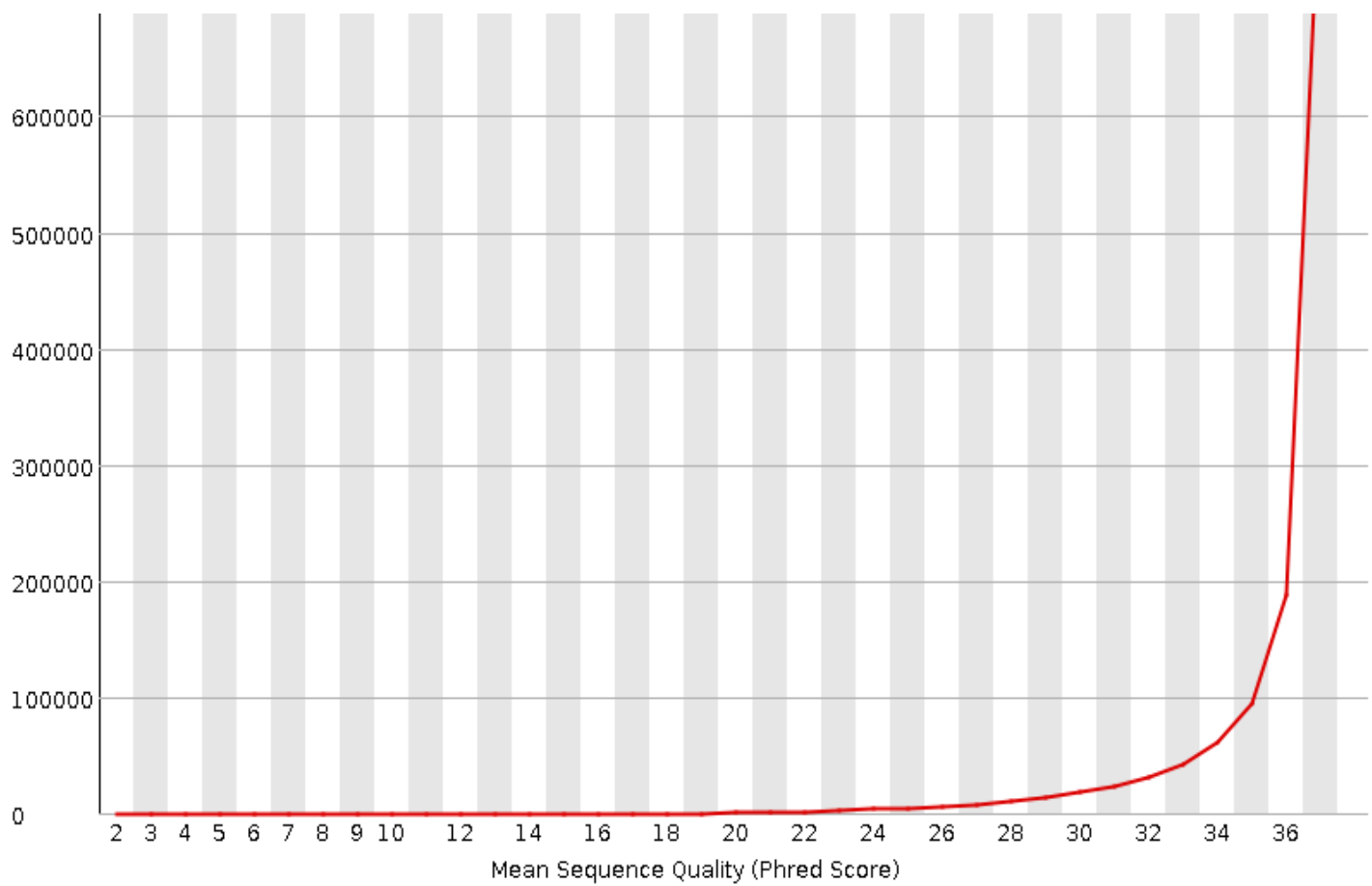
Per tile sequence quality



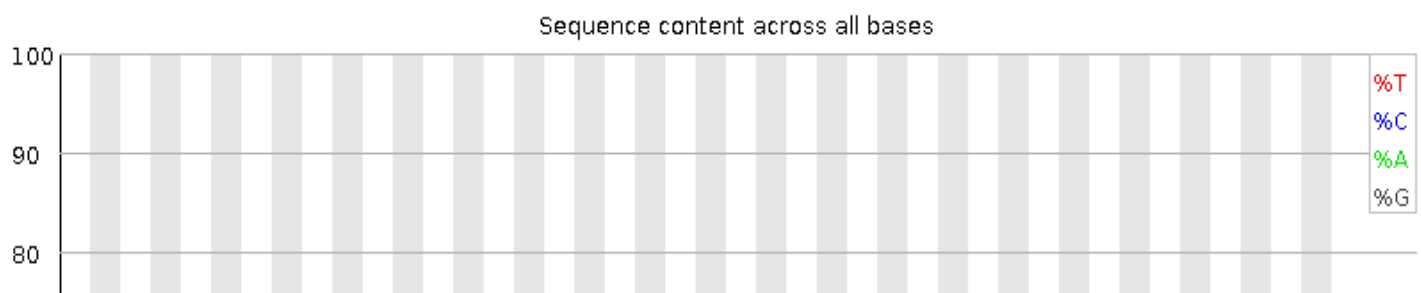


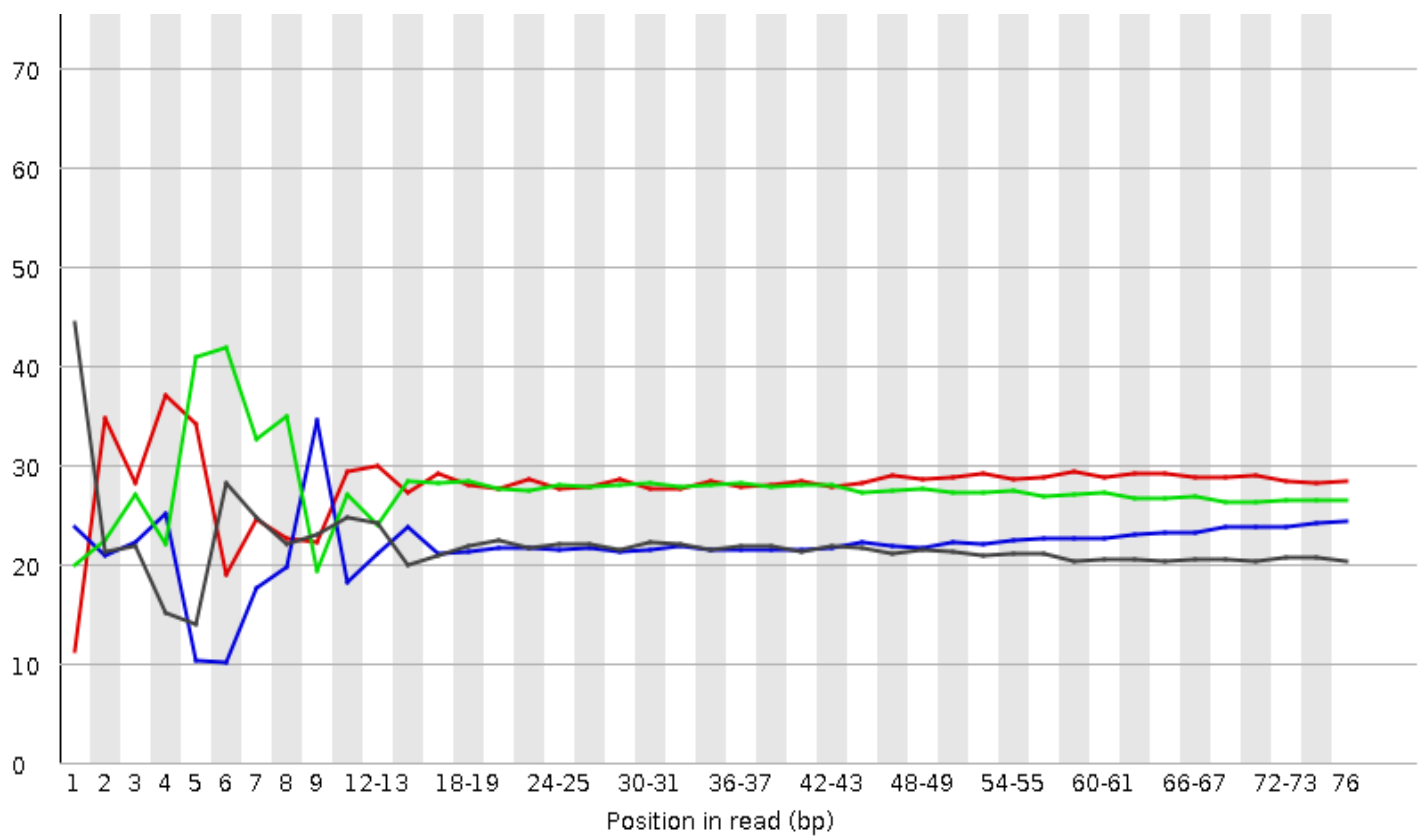
Per sequence quality scores



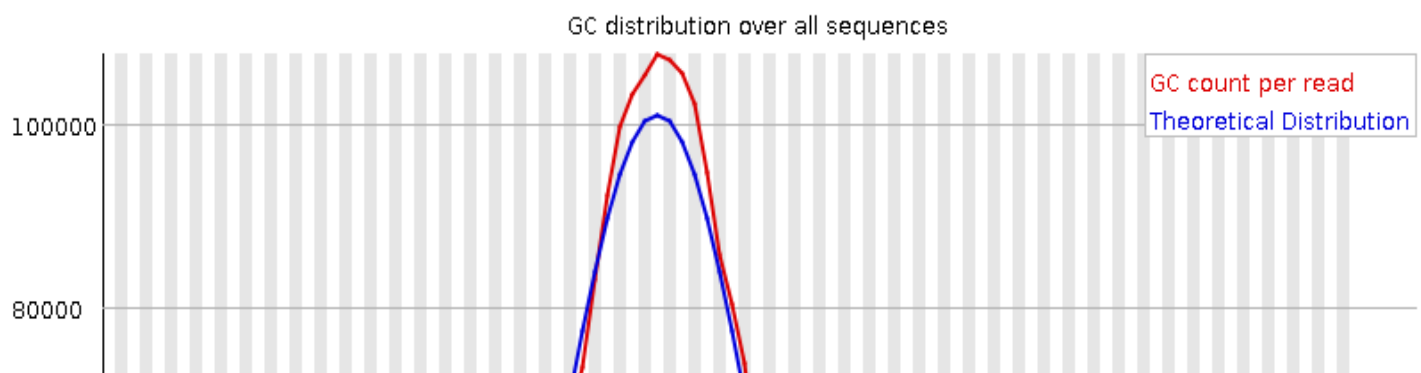


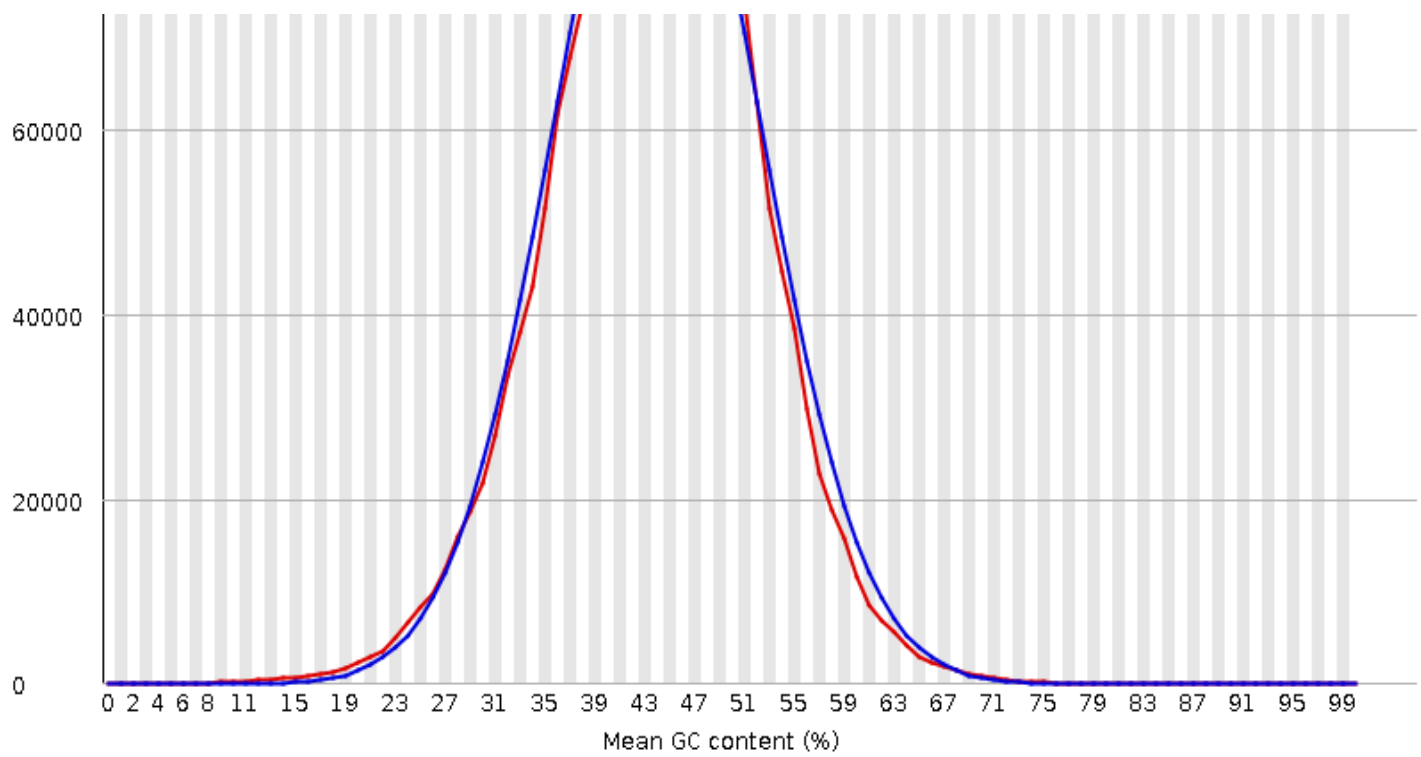
❌ Per base sequence content



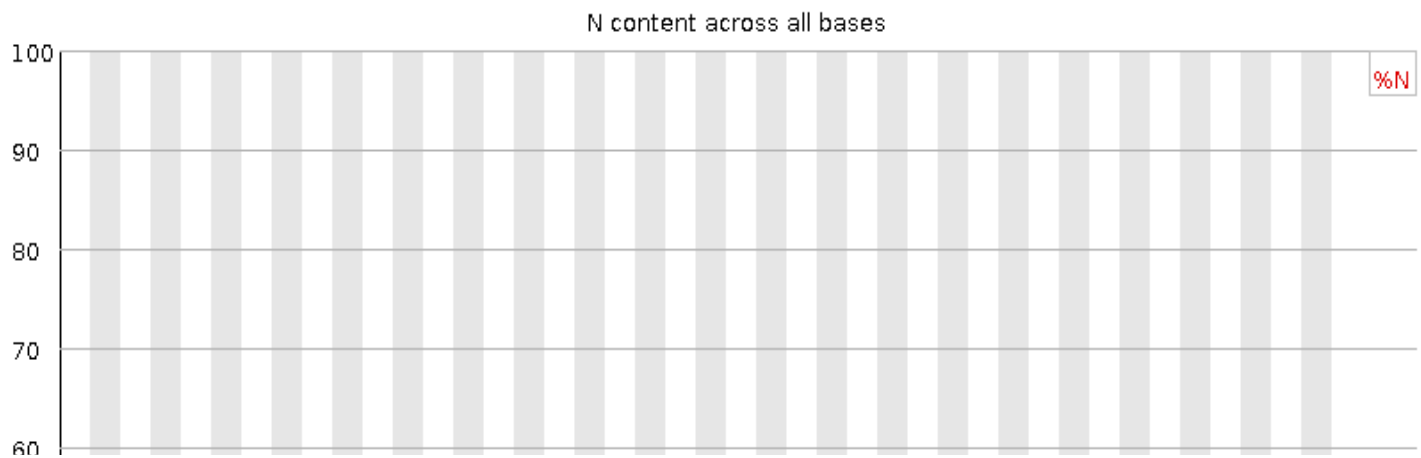


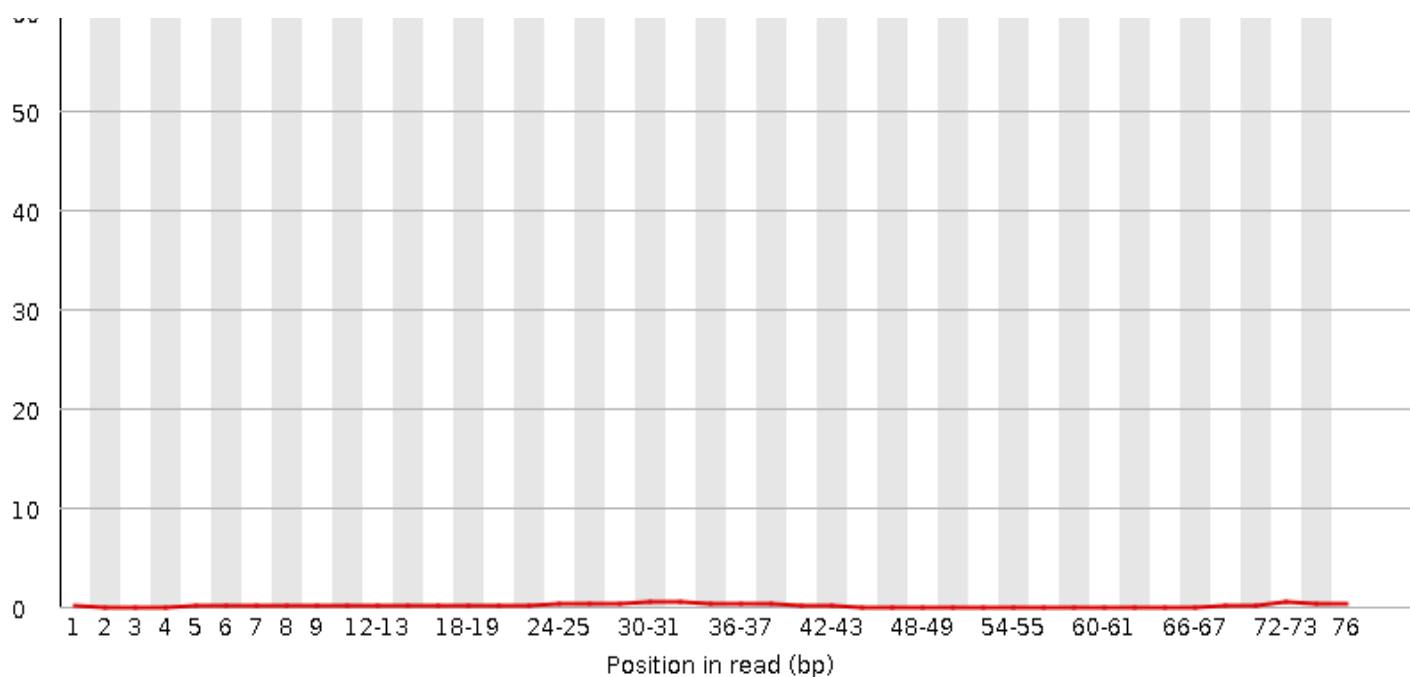
✓ Per sequence GC content



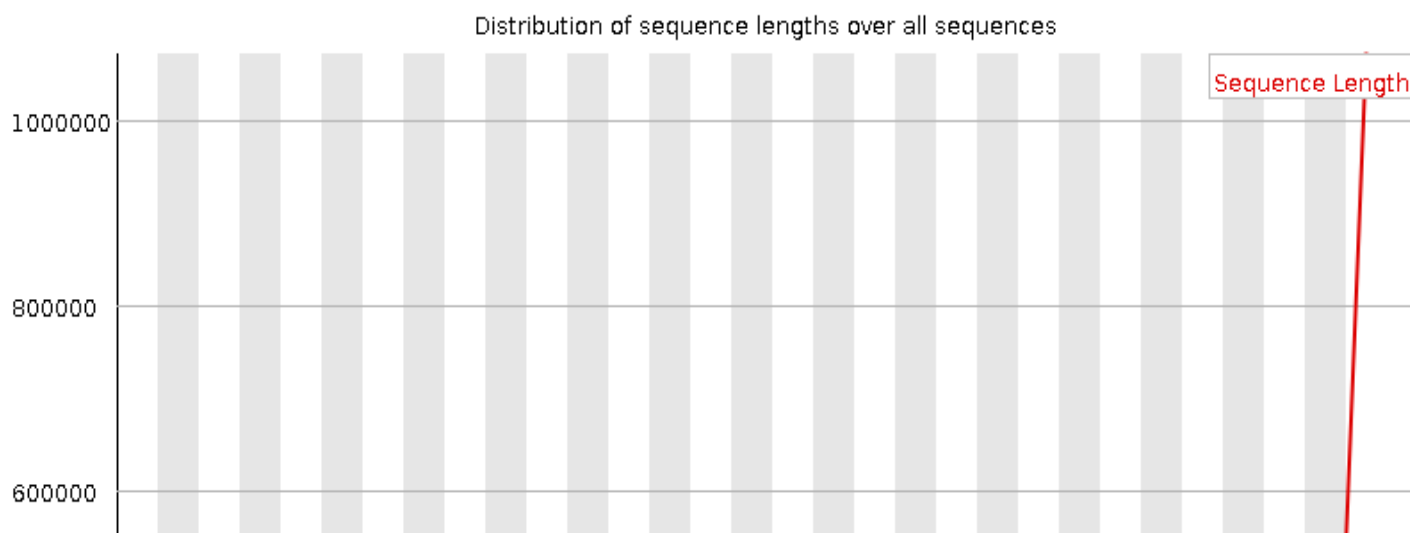


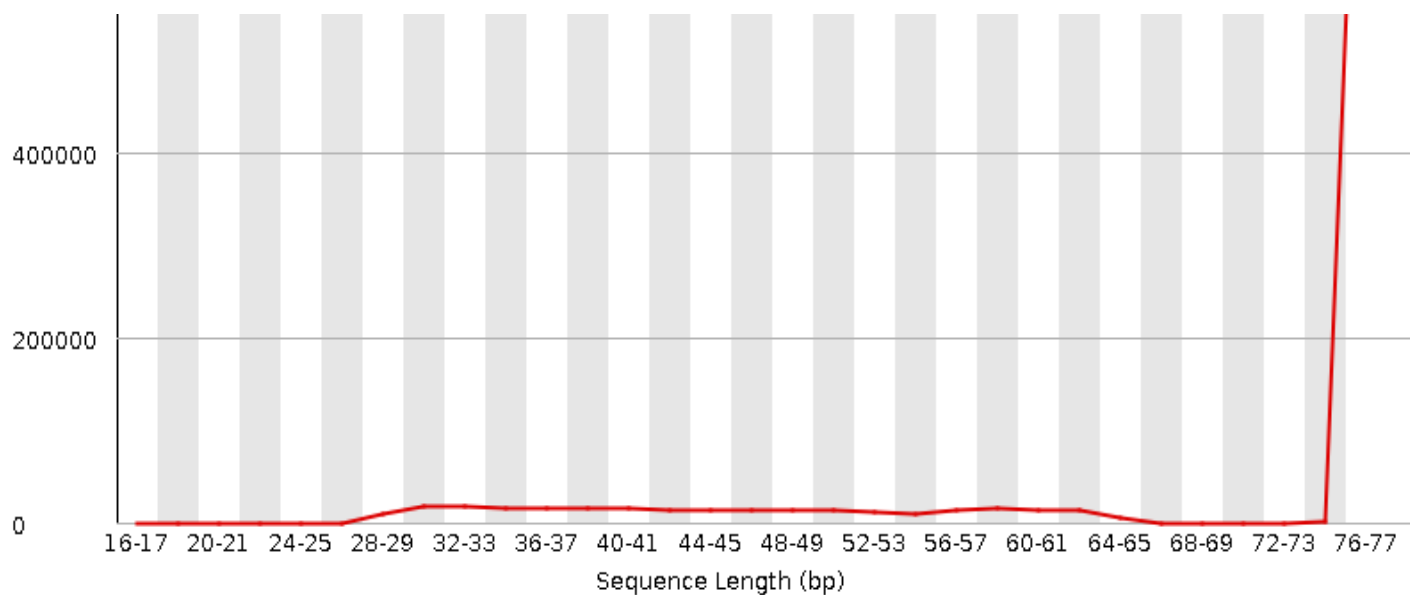
✔ Per base N content



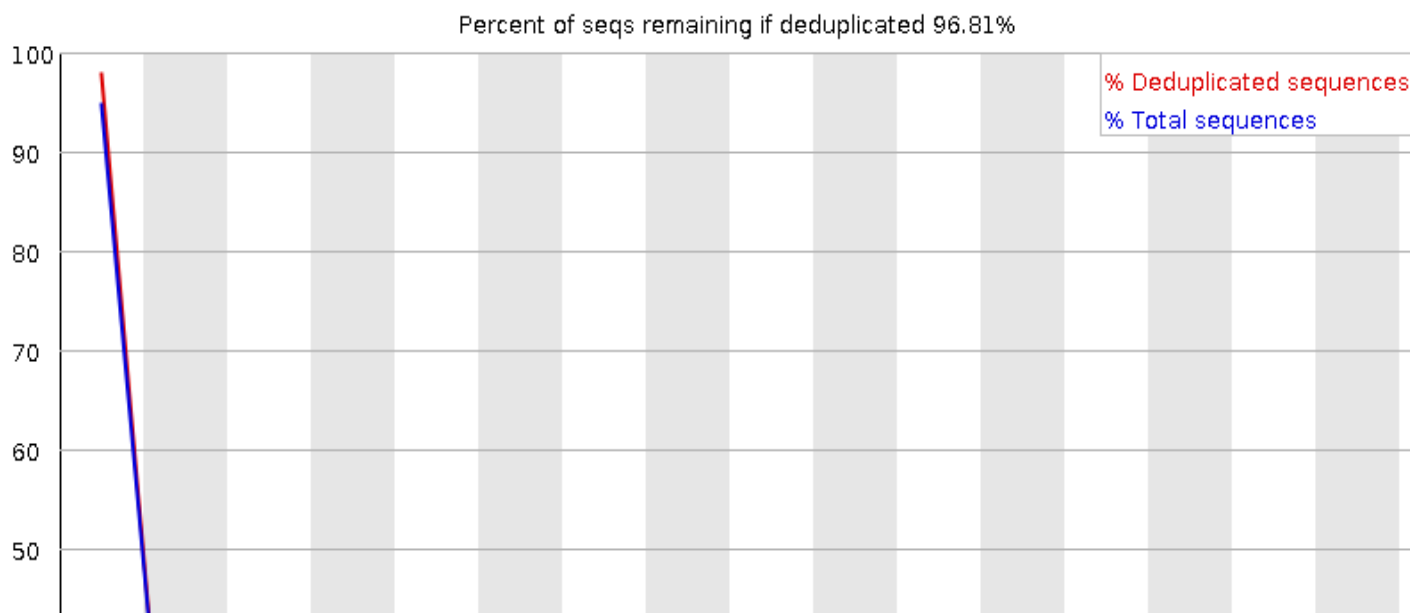


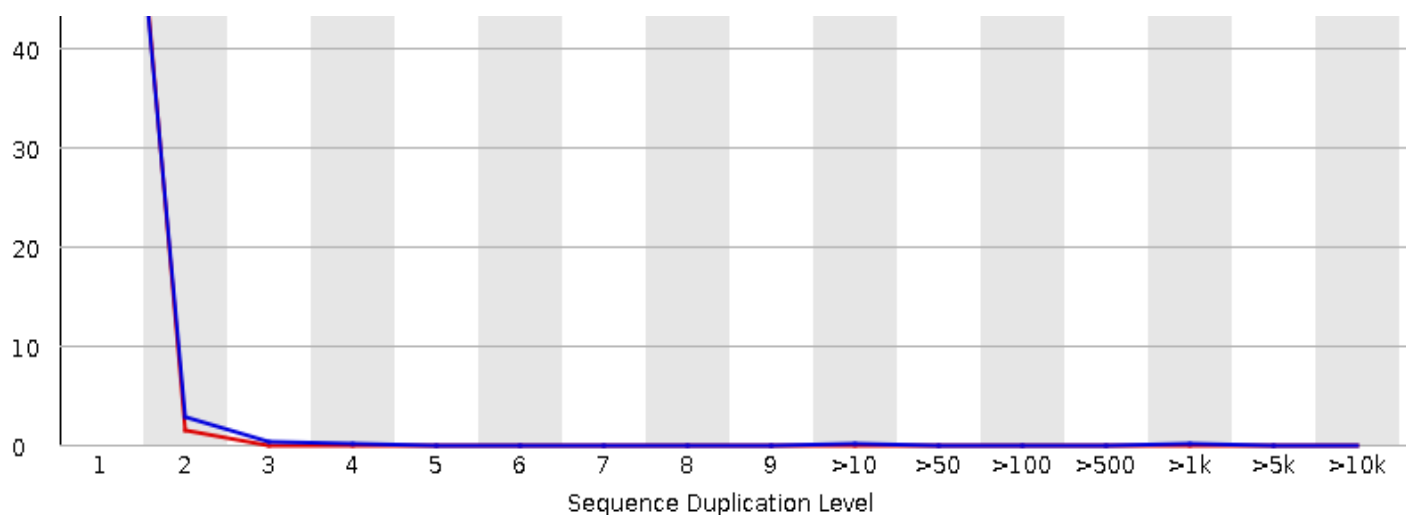
! Sequence Length Distribution





Sequence Duplication Levels

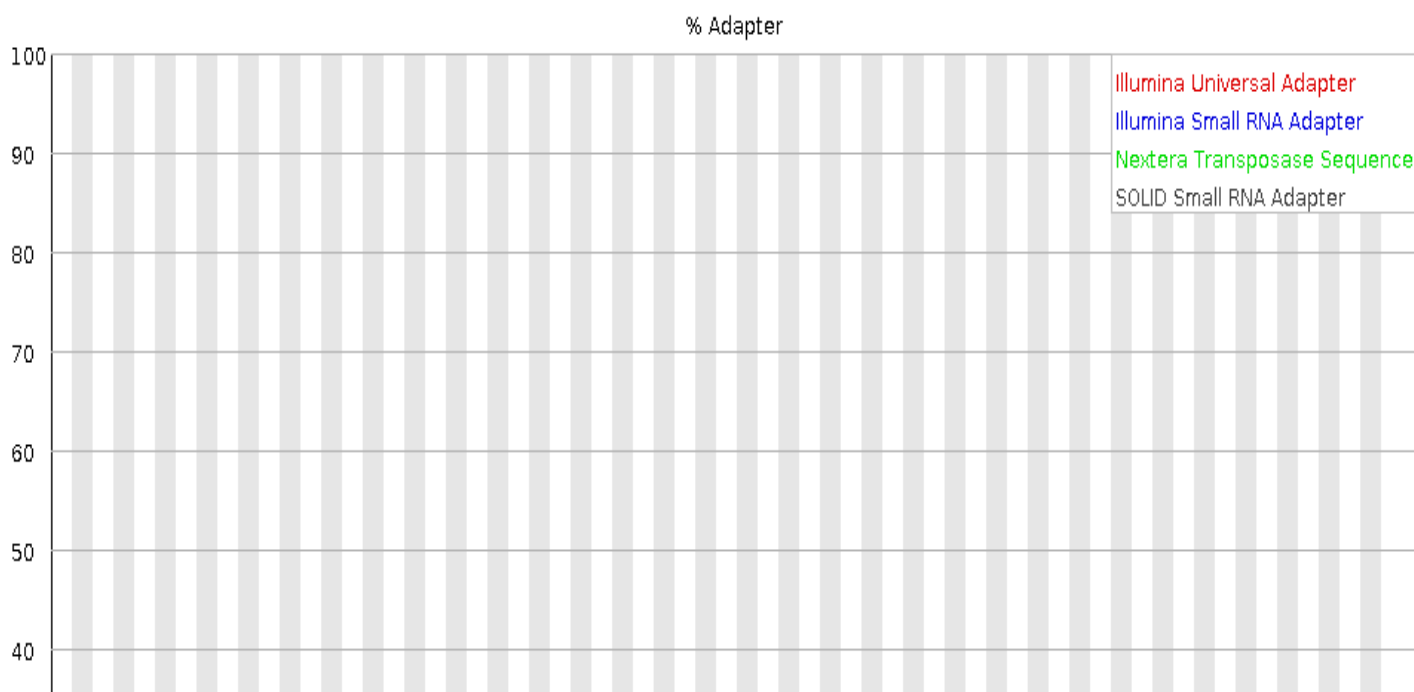


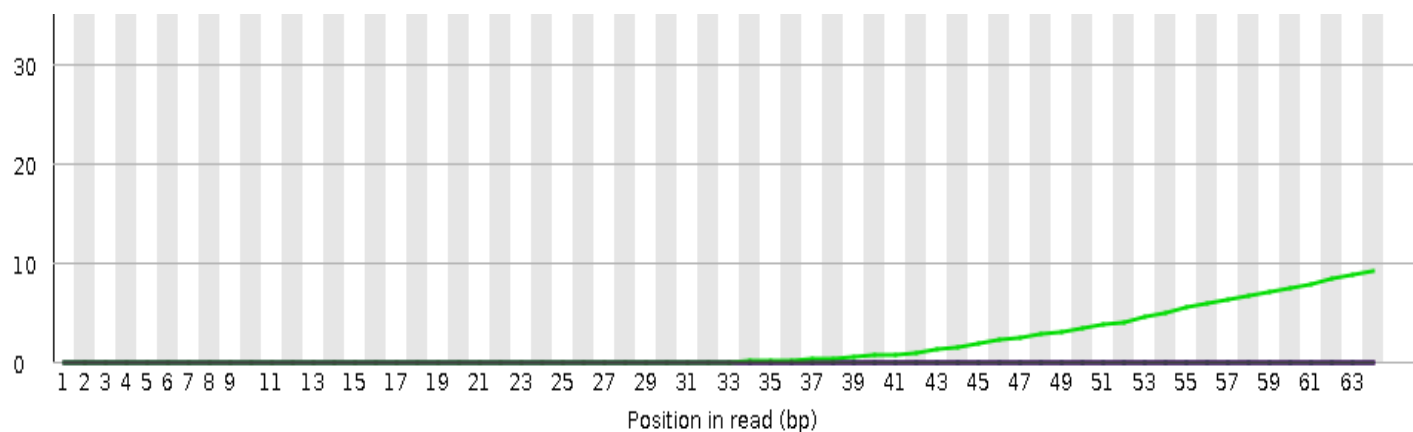


! Overrepresented sequences

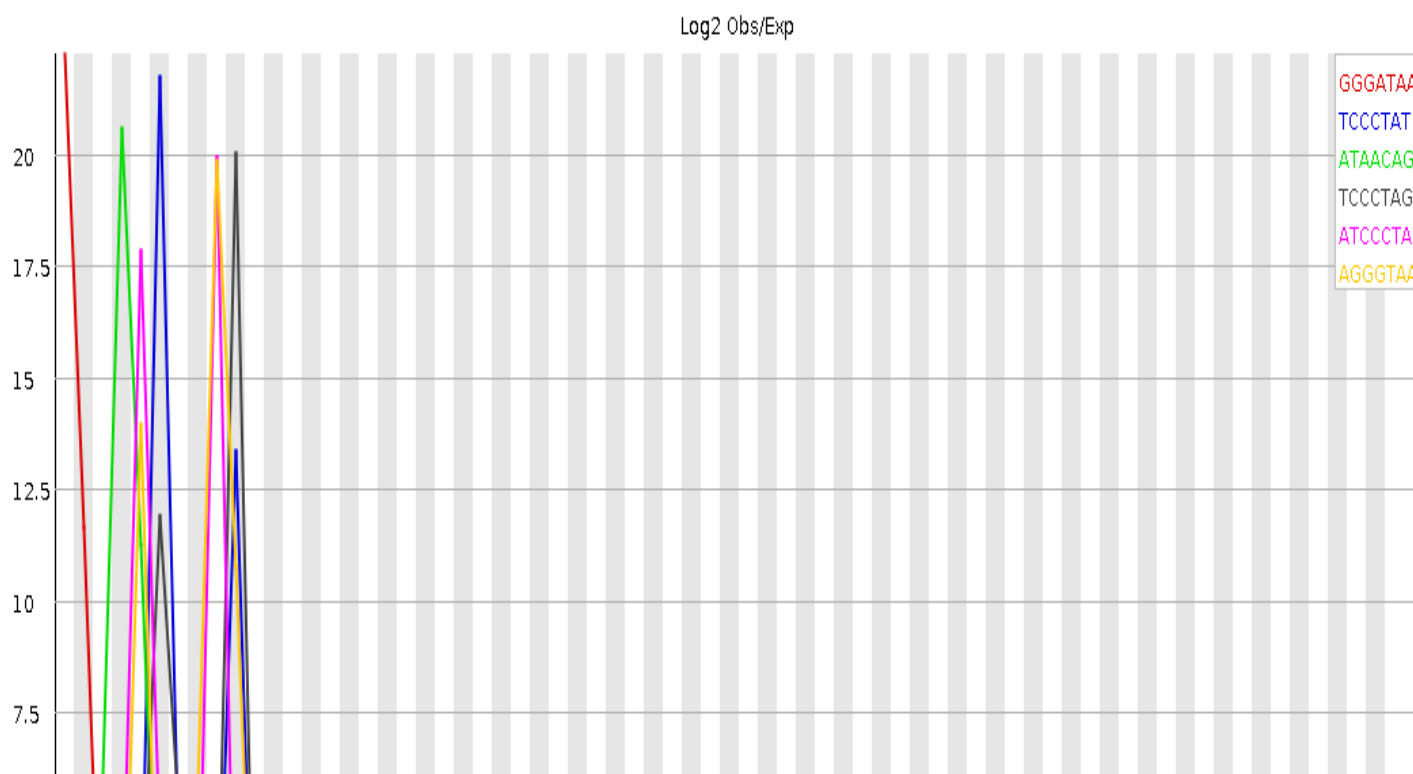
Sequence	Count	Percentage	Possible Source
CCCTAACCCTAACCCTAACCCTAACCCTAACCCTAACCCTAACCCTAACC	1687	0.1234774831087634	No Hit

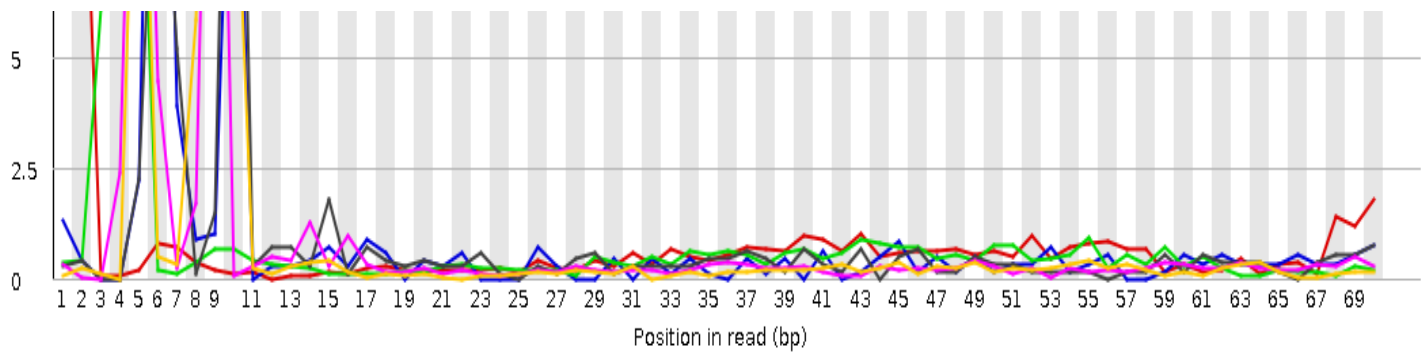
! Adapter Content





Kmer Content





Sequence Count PValue Obs/Exp Max Max Obs/Exp Position

GGGATAA	8885	0.0	22.230165	1
TCCCTAT	2115	0.0	21.722734	6
ATAACAG	9690	0.0	20.600304	4
TCCCTAG	2075	0.0	20.022062	10
ATCCCTA	6765	0.0	19.924011	9
AGGGTAA	9865	0.0	19.867674	9
GGATAAC	9990	0.0	19.852623	2
CAGGGTA	10015	0.0	19.626228	8
GATAACA	10150	0.0	19.604261	3
GGTAATT	2930	0.0	19.48321	11
TCCCTAA	2170	0.0	19.437819	10
CCCTATG	880	0.0	19.08455	7
CCCTGTT	7780	0.0	18.569246	2
GGGTAAT	10270	0.0	18.312174	10
ACAGGGT	10795	0.0	18.287493	7
CCTGTTA	7760	0.0	18.210842	3
CTGTTAT	7760	0.0	18.047516	4
AACAGGG	11185	0.0	17.790188	6
ACCCTGT	8180	0.0	17.673542	1
TAACAGG	11425	0.0	17.499676	5

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