












FastQC FastQC Report

Tue 5 May 2015
SW018_TAGTTCC_L001_R1_001.fastq.gz

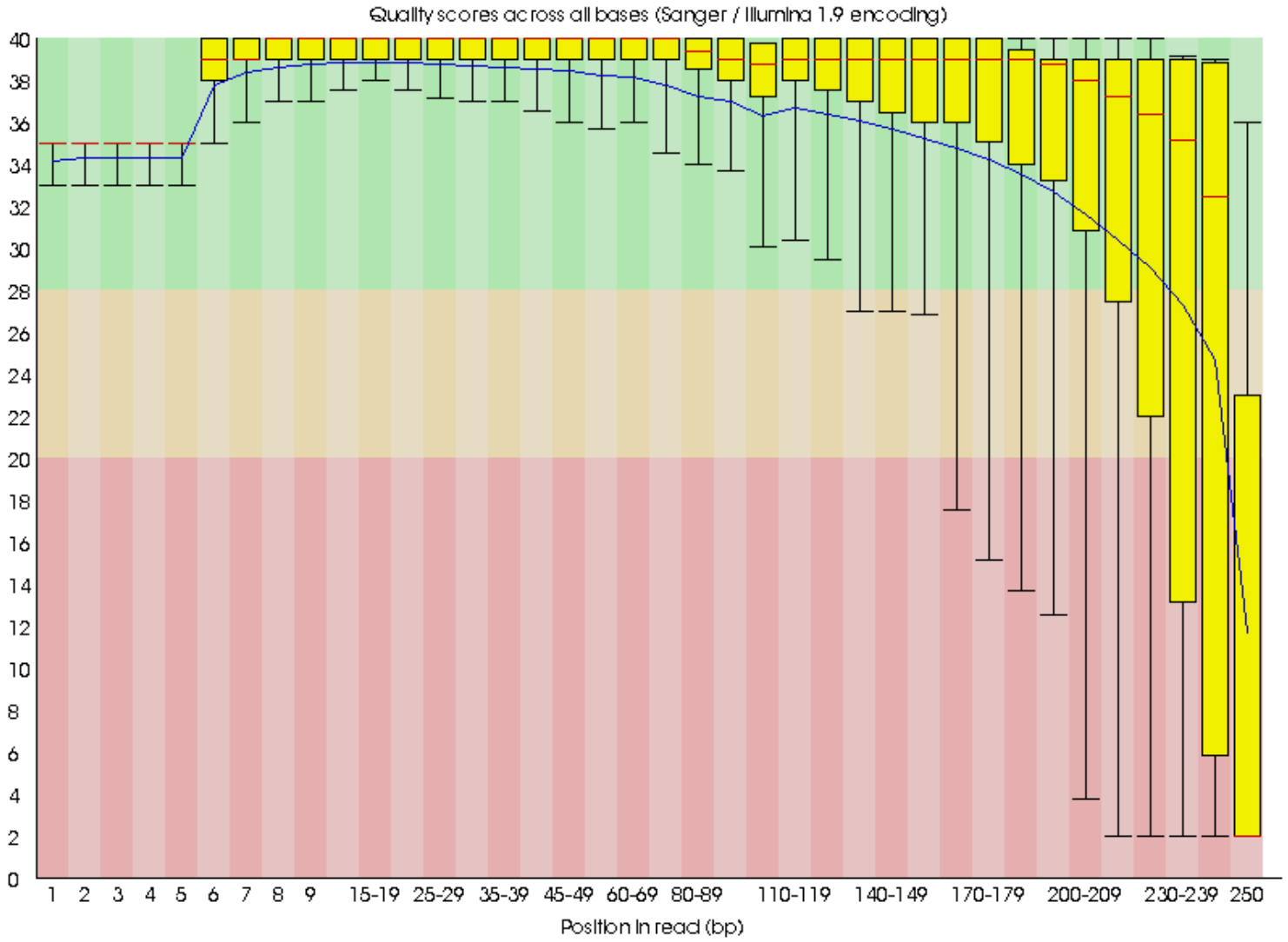
Summary

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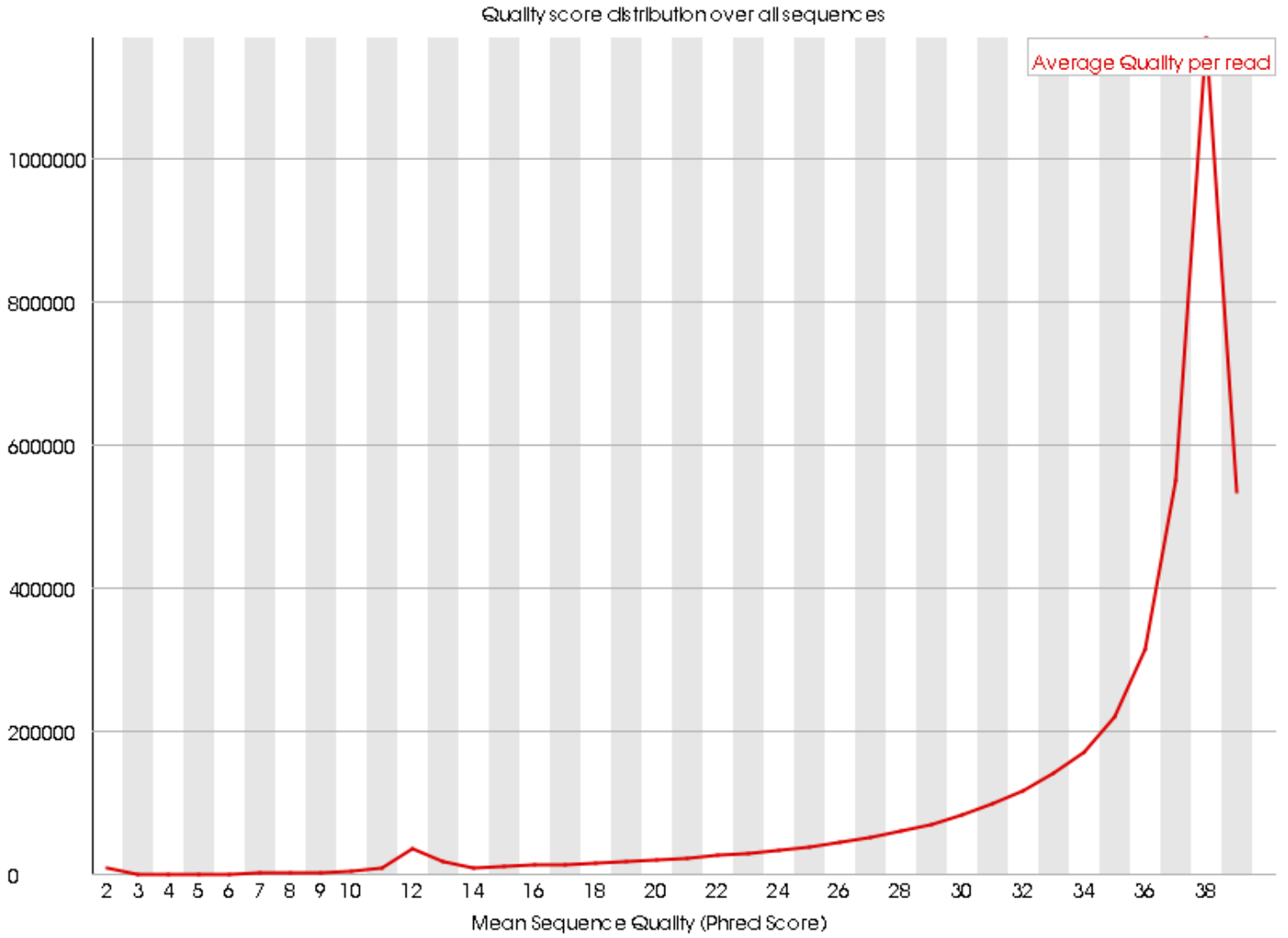
Basic Statistics

Measure	Value
Filename	SW018_TAGTTCC_L001_R1_001.fastq.gz
File type	Conventional base calls
Encoding	Sanger / Illumina 1.9
Total Sequences	4000000
Filtered Sequences	0
Sequence length	250
%GC	43

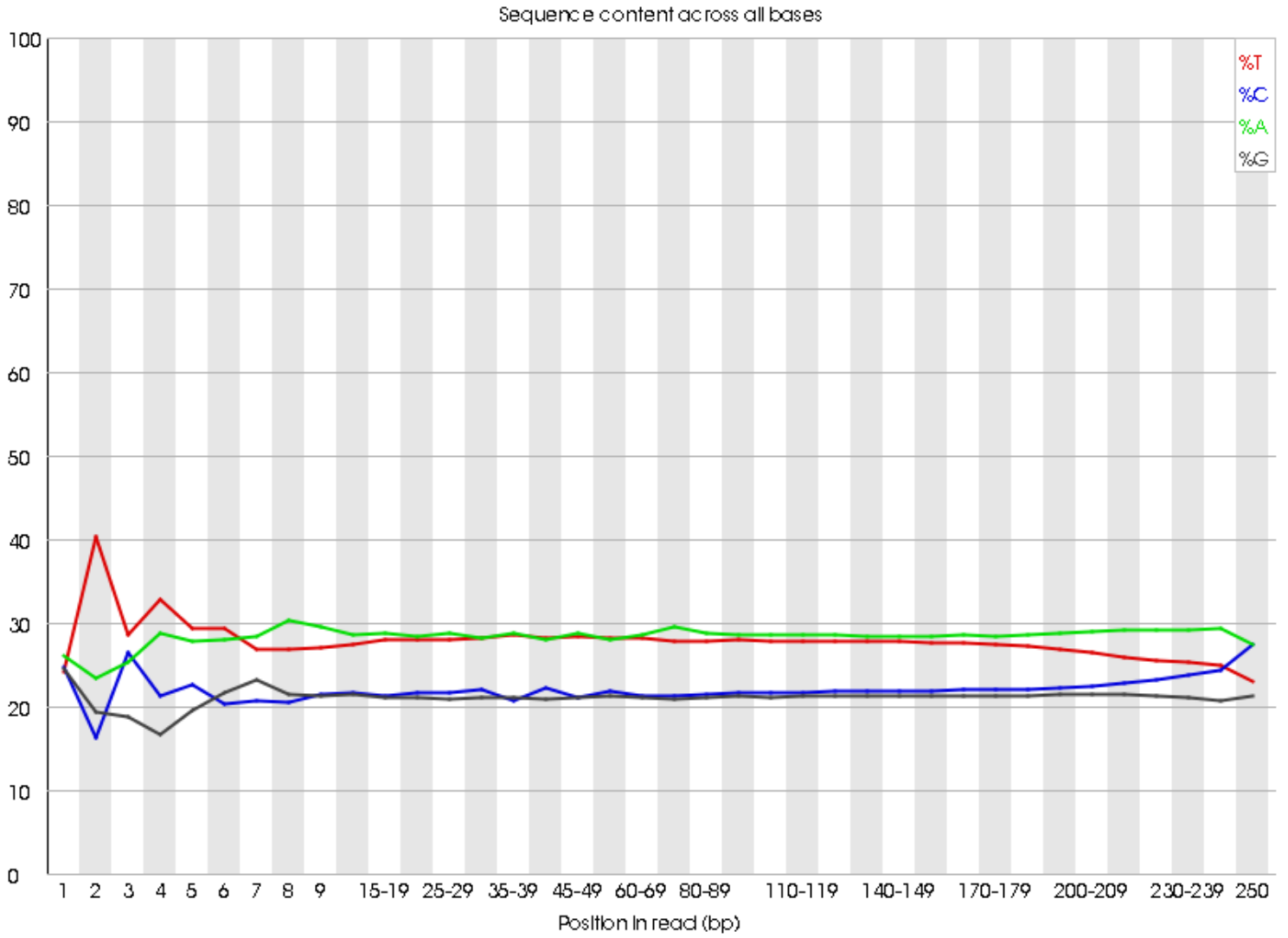
Per base sequence quality



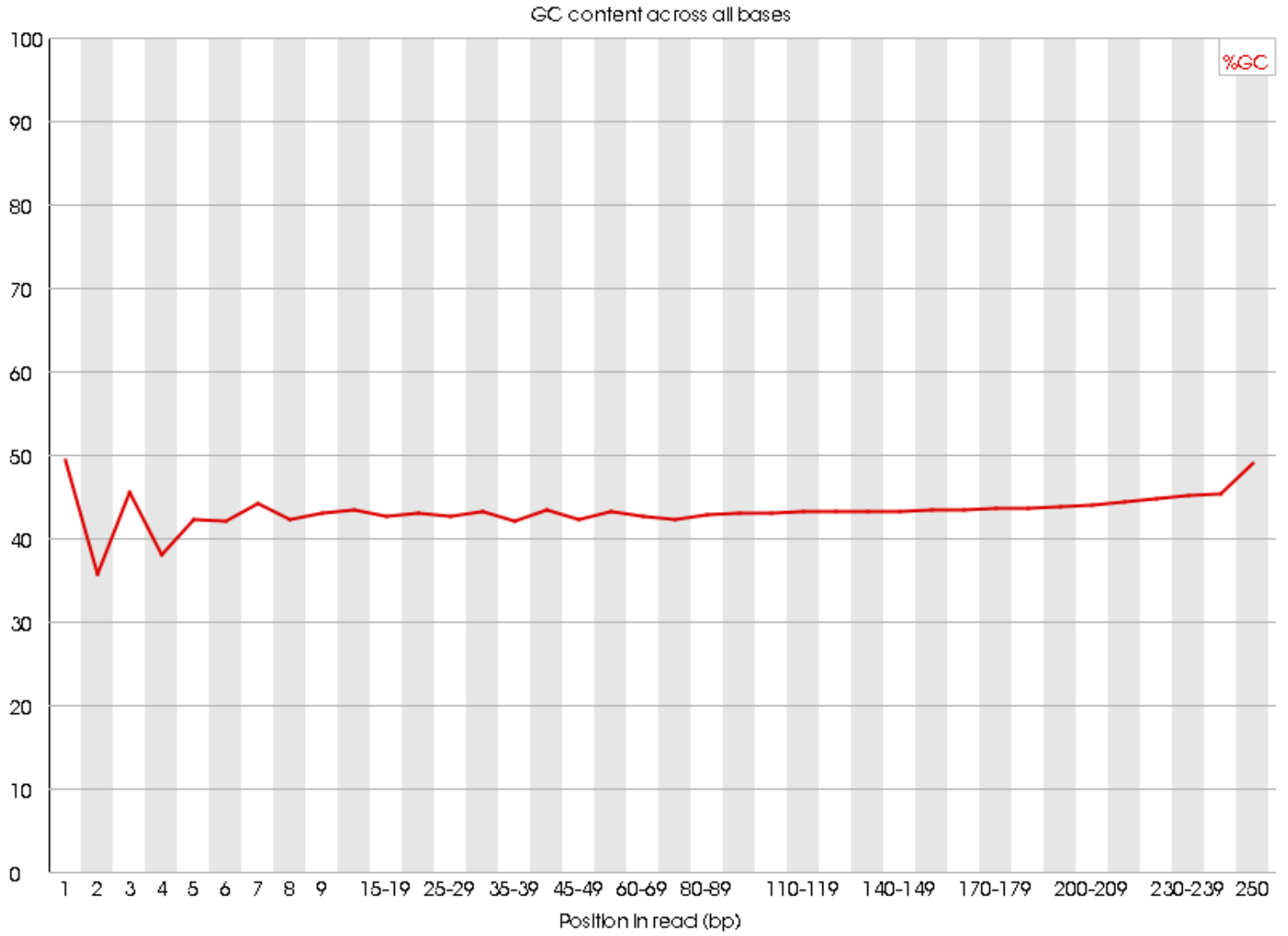
 **Per sequence quality scores**



 **[FAIL] Per base sequence content**

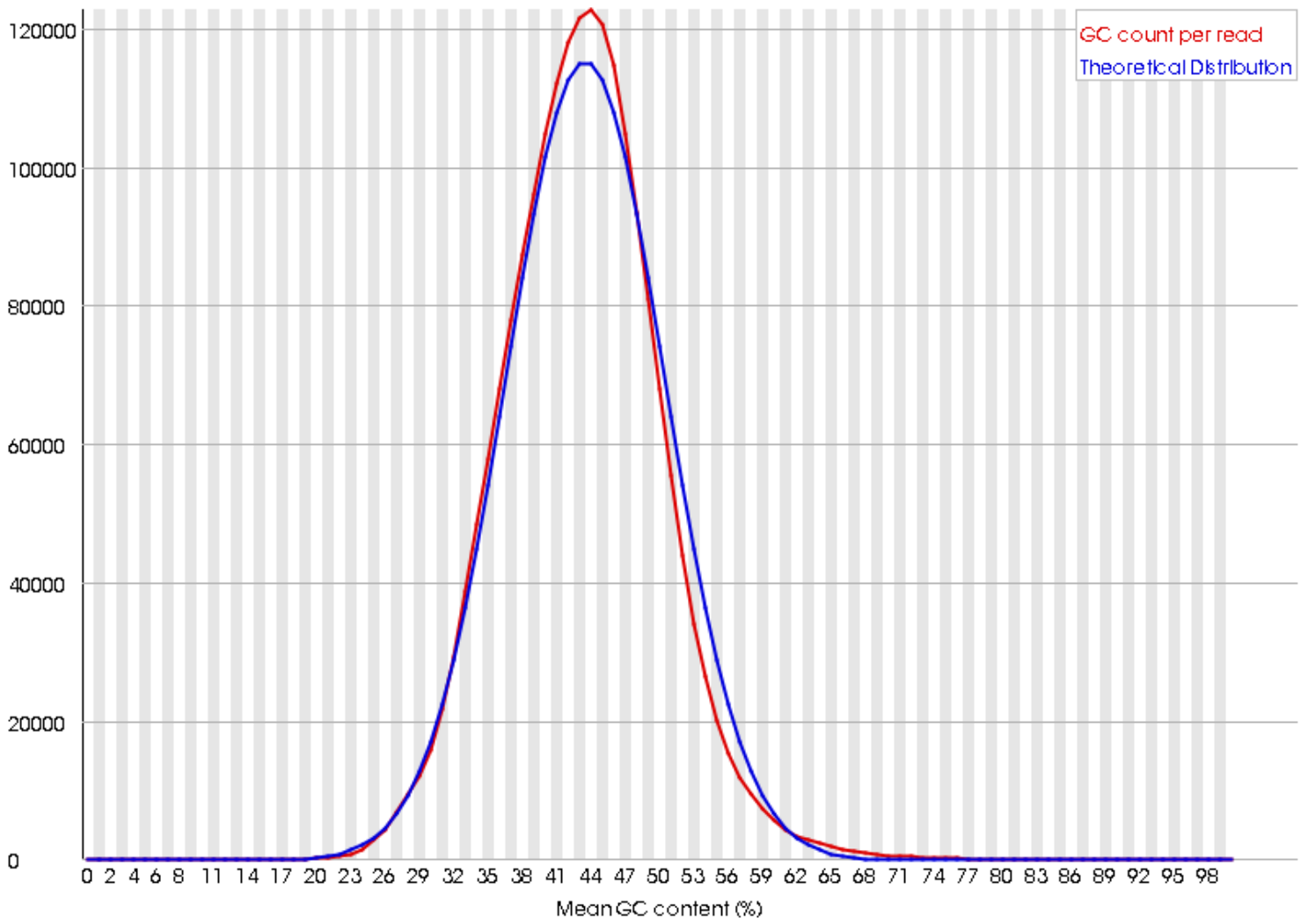


 **[WARN]** Per base GC content



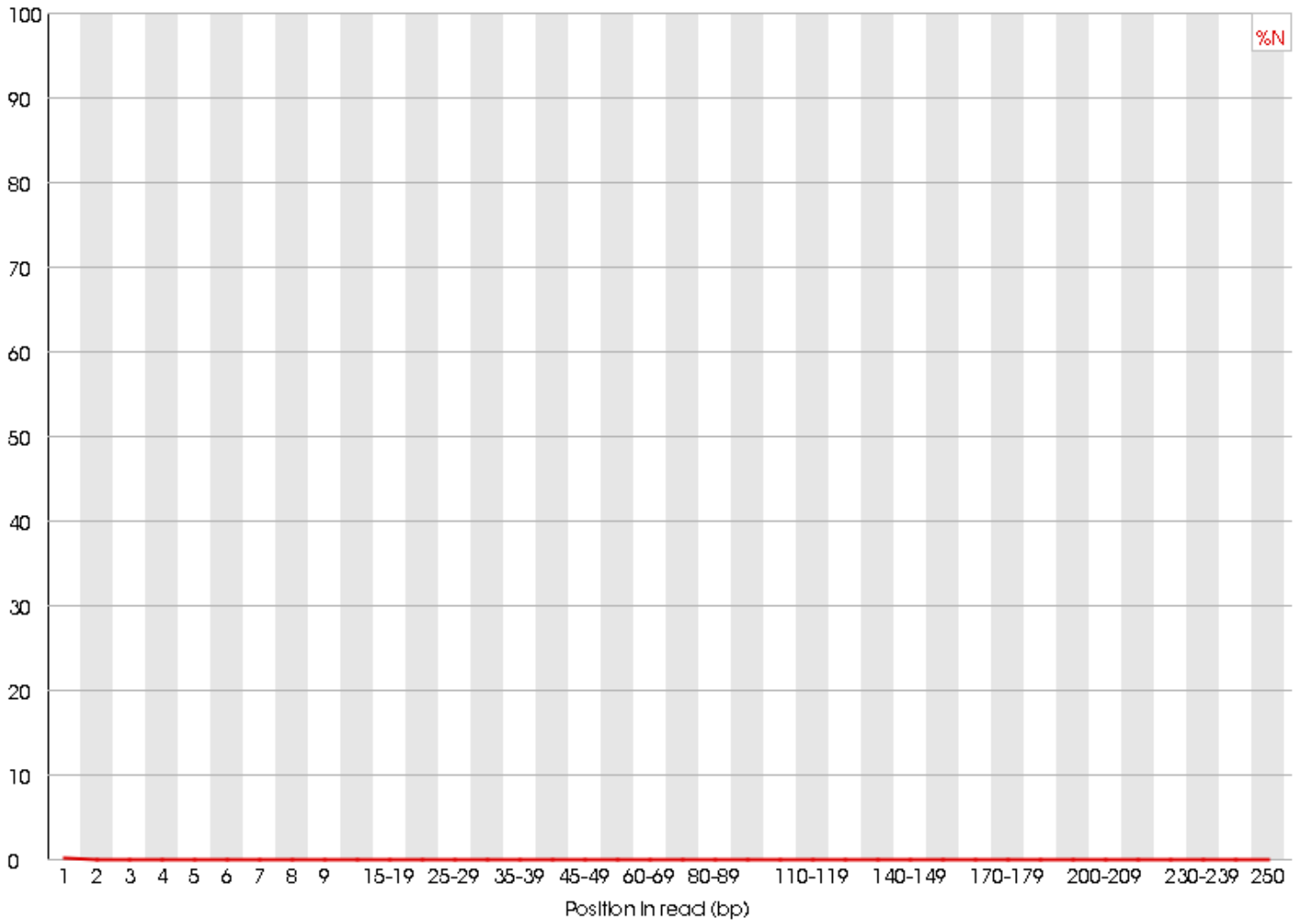
 **Per sequence GC content**

GC distribution over all sequences

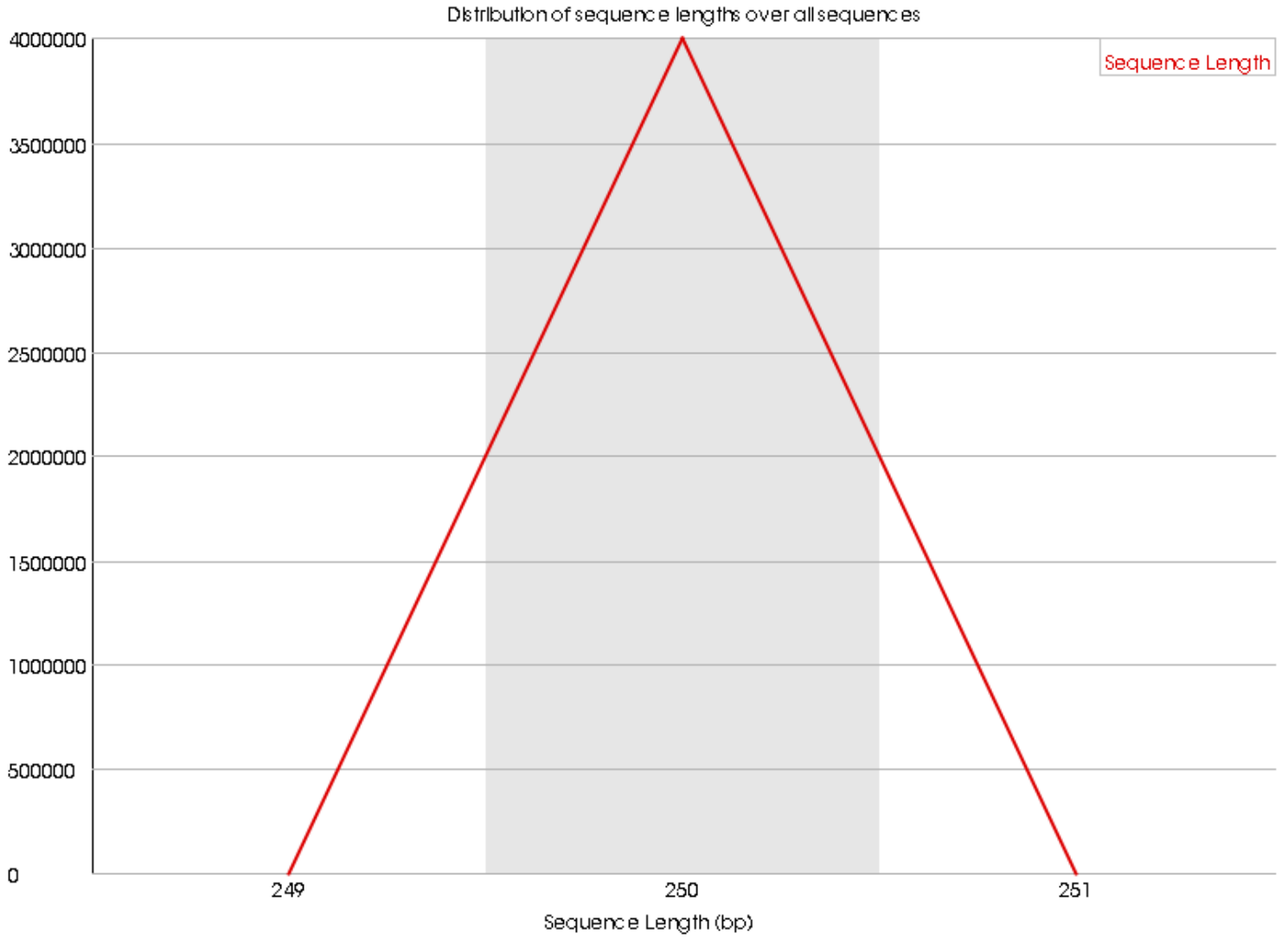


 **[OK] Per base N content**

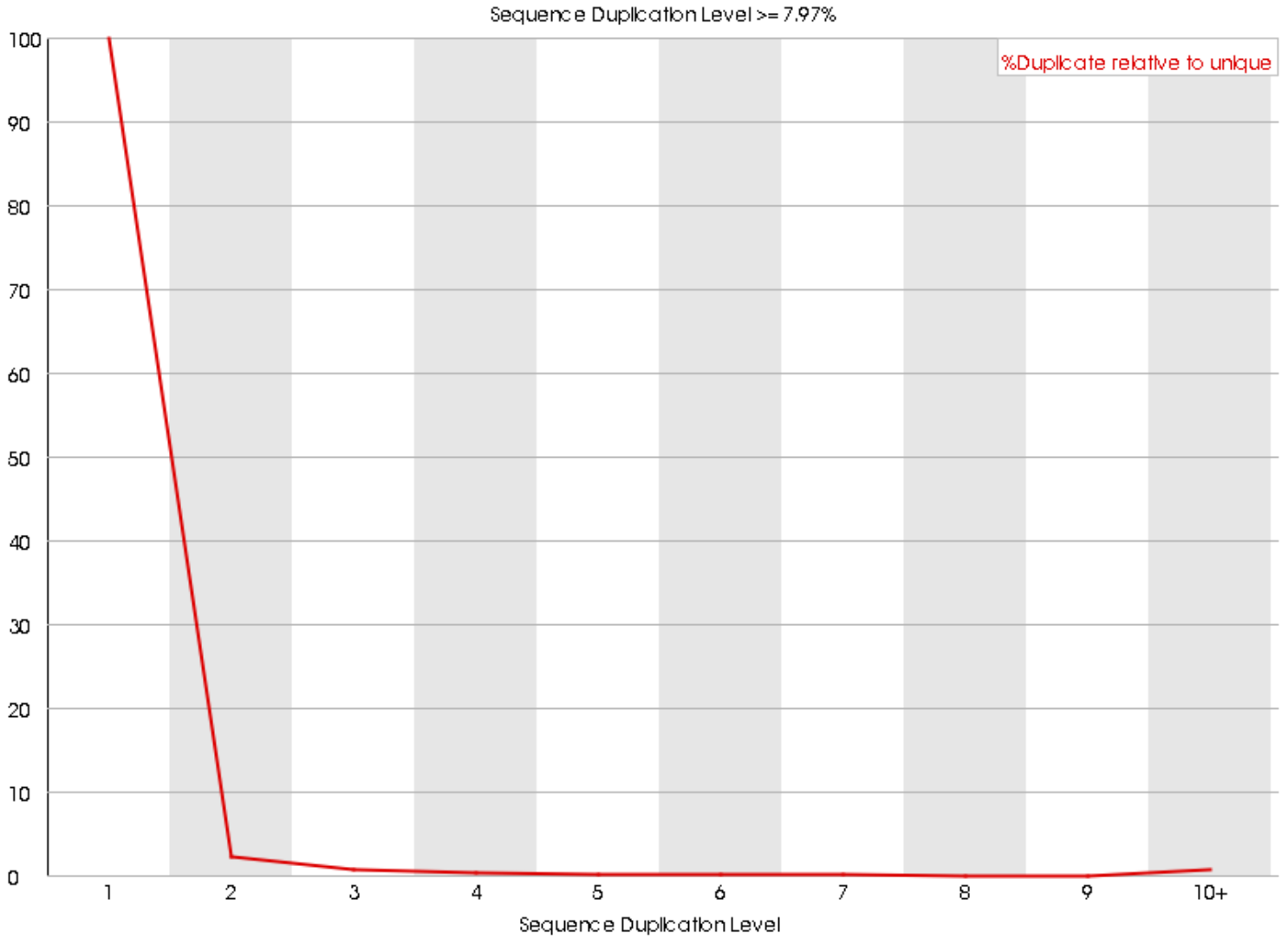
N content across all bases



 **Sequence Length Distribution**



 **Sequence Duplication Levels**

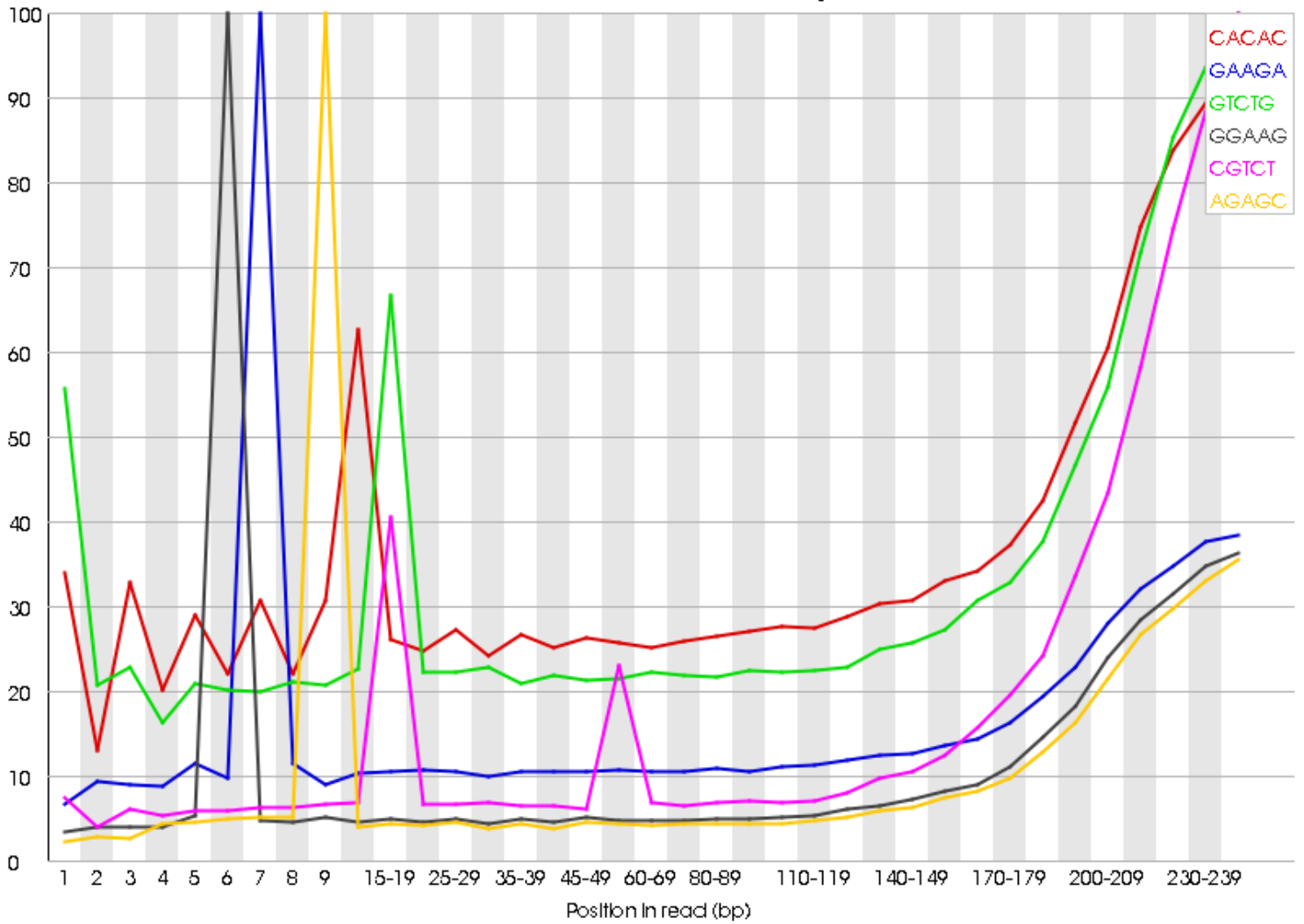


[FAIL] Overrepresented sequences

Sequence	Count	Percentage	Possible Source
AGATCGGAAGAGCACACGTCTGAACTCCAGTCACTAGTTCCATCTCGTAT	60255	1.506375	TruSeq Adapter, Index 10 (97% over 38bp)

[WARN] Kmer Content

Relative enrichment over read length



Sequence	Count	Obs/Exp Overall	Obs/Exp Max	Max Obs/Exp Position
CACAC	3470105	3.8661127	9.503865	240-246
GAAGA	3783210	3.5265577	20.60494	7
GTCTG	2574900	3.3953238	9.124828	240-246
GGAAG	2526525	3.1803882	26.460873	6
CGTCT	2209380	2.7971537	11.769762	240-246
AGAGC	2286310	2.763228	25.013525	9
GCACA	2346390	2.7227447	8.6667595	240-246
GAGCA	2231330	2.6967797	8.829316	240-246
AAGAG	2836810	2.6443613	19.805439	8
GATCG	2073100	2.6171067	25.590572	2
AAAAA	4989495	2.5504405	6.8138657	240-246
AGCAC	2172415	2.520865	8.618808	240-246
TCTTC	2554300	2.5013325	5.5255466	2
TCGGA	1957755	2.471494	25.677443	4

TCCAG	2030585	2.4612038	7.466695	240-246
ATCGG	1947135	2.4580872	25.58437	3
CAGTC	2015790	2.443271	7.212419	240-246
CTCCA	2081965	2.422841	7.005614	240-246
CGGAA	1975195	2.3872154	24.596212	5
CCAGT	1950455	2.3640804	7.068976	240-246
AGATC	2526050	2.3614414	19.25768	1
TCTGA	2371985	2.3161502	6.625374	240-246
ACACG	1927200	2.236318	8.089494	240-246
CTCTC	1799195	2.1870027	5.095309	1
CTGAA	2329660	2.1778493	6.4904003	240-246
CACGT	1768880	2.1439998	7.7657285	240-246
ACGTC	1759470	2.132594	7.9569144	240-246
GTCAC	1730875	2.097935	7.11608	240-246
CCATC	1729600	2.012784	5.5170693	240-246
ACTCC	1714705	1.9954504	7.4089584	240-246
TGAAC	2087515	1.9514832	6.2934623	240-246
AGTCA	2079985	1.9444442	5.366967	240-246
TCACT	2072300	1.9428203	5.4438643	240-246
GAACT	1827020	1.7079635	5.758048	240-246
AACTC	1852745	1.6629379	5.8645964	240-246
GTTCC	1292385	1.6362054	6.3554087	240-246
CACTA	1817875	1.6316402	5.333015	240-246
AGTTC	1501725	1.4663755	5.120177	240-246
CTAGT	1479420	1.4445958	5.267675	240-246
ACTAG	1544200	1.4435732	5.3128834	240-246
CCGTC	860970	1.3530238	5.442098	240-246
TCTCG	1061345	1.3437005	5.1699057	240-246
CTCTT	1366105	1.3377769	5.0202794	1
CTCGT	1052245	1.3321797	5.3943167	240-246
TGCCG	805685	1.3187352	5.447675	240-246
GCCGT	791965	1.2962785	5.163879	240-246

Produced by [FastQC](#) (version 0.10.1)