

FastQC Report

Summary

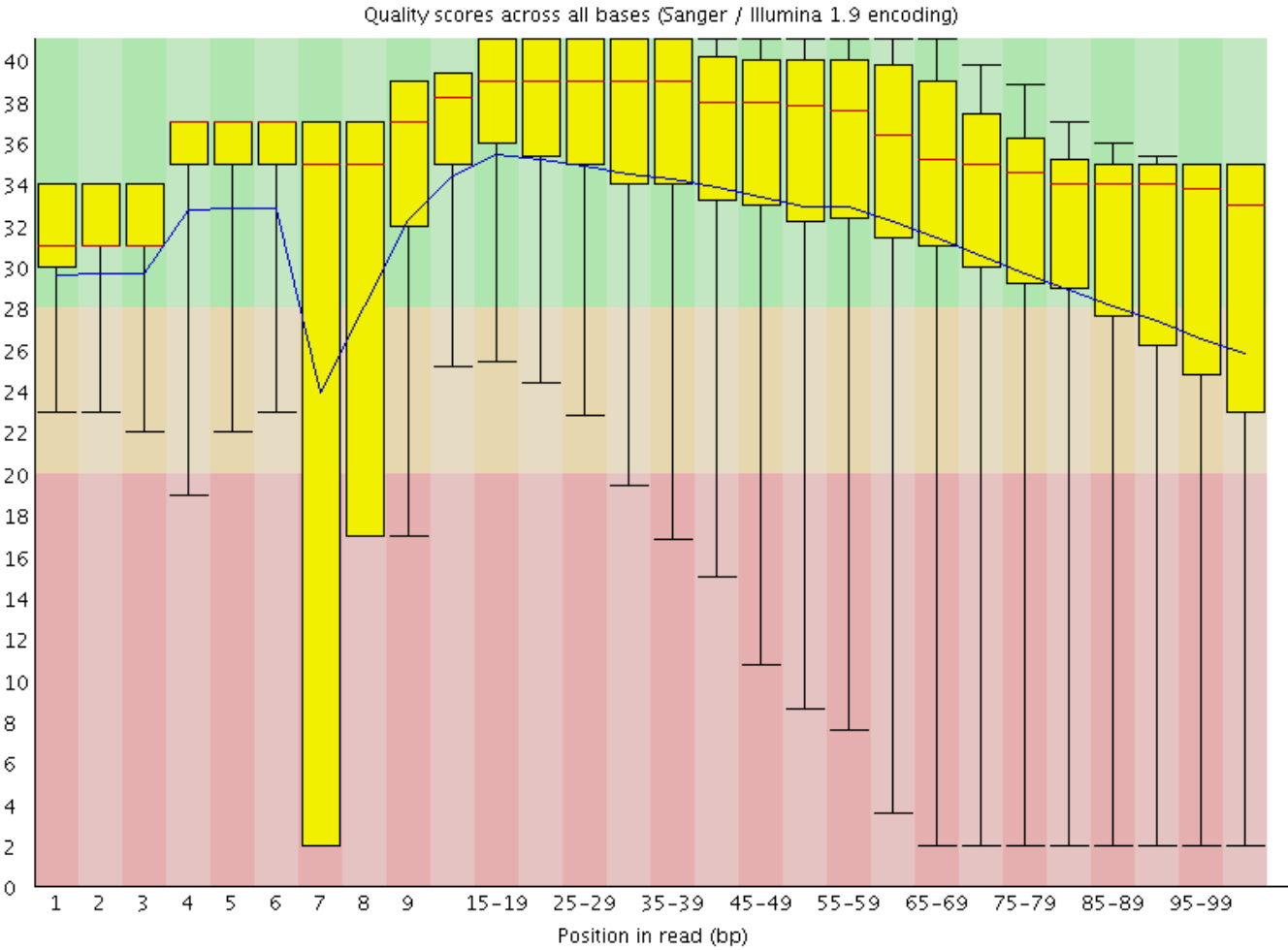
Fri 27 Jan 2012
C08DRACXX.8_2.fastq

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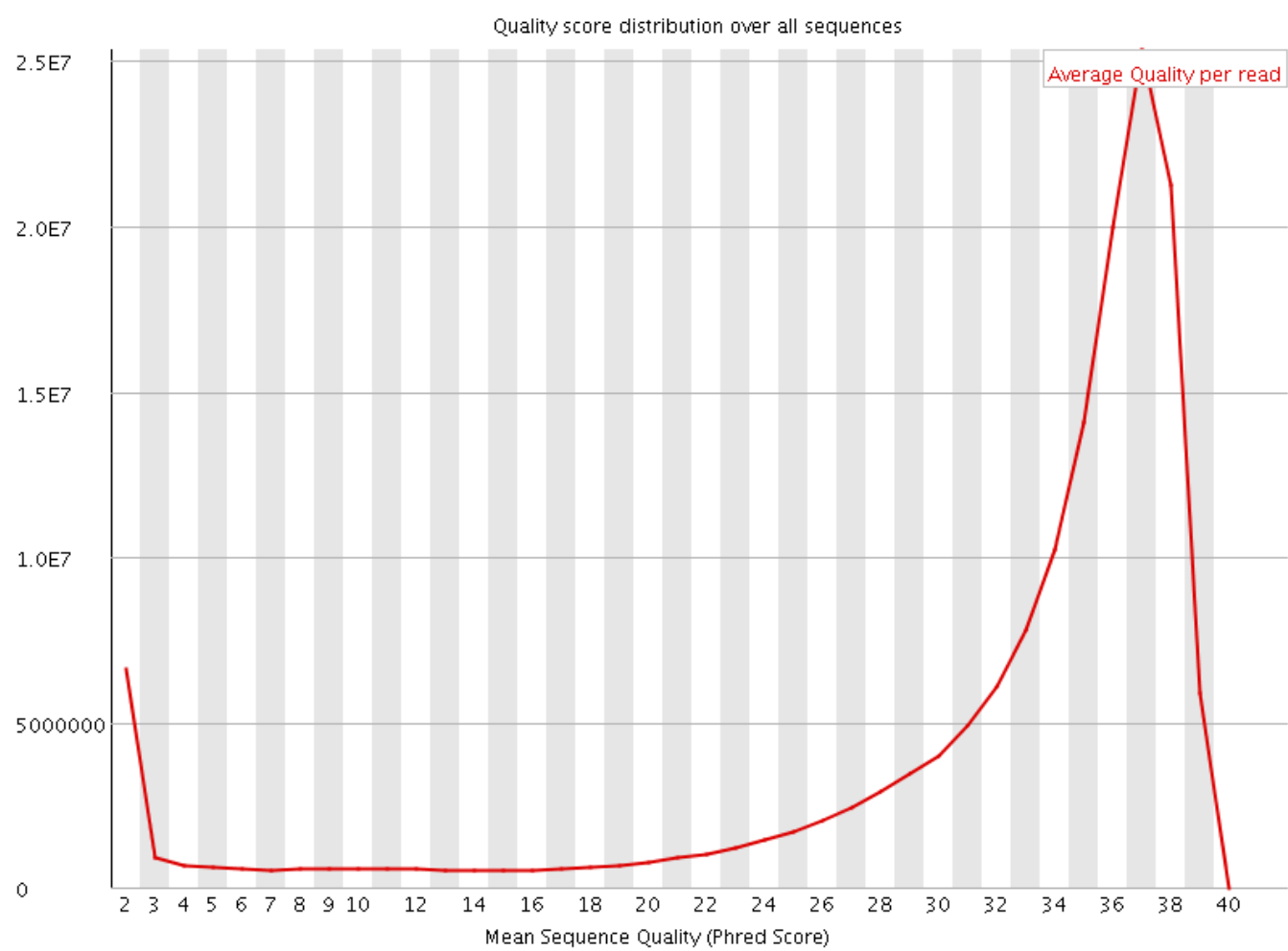
Basic Statistics

Measure	Value
Filename	C08DRACXX.8_2.fastq
File type	Conventional base calls
Encoding	Sanger / Illumina 1.9
Total Sequences	155304225
Filtered Sequences	0
Sequence length	100
%GC	43

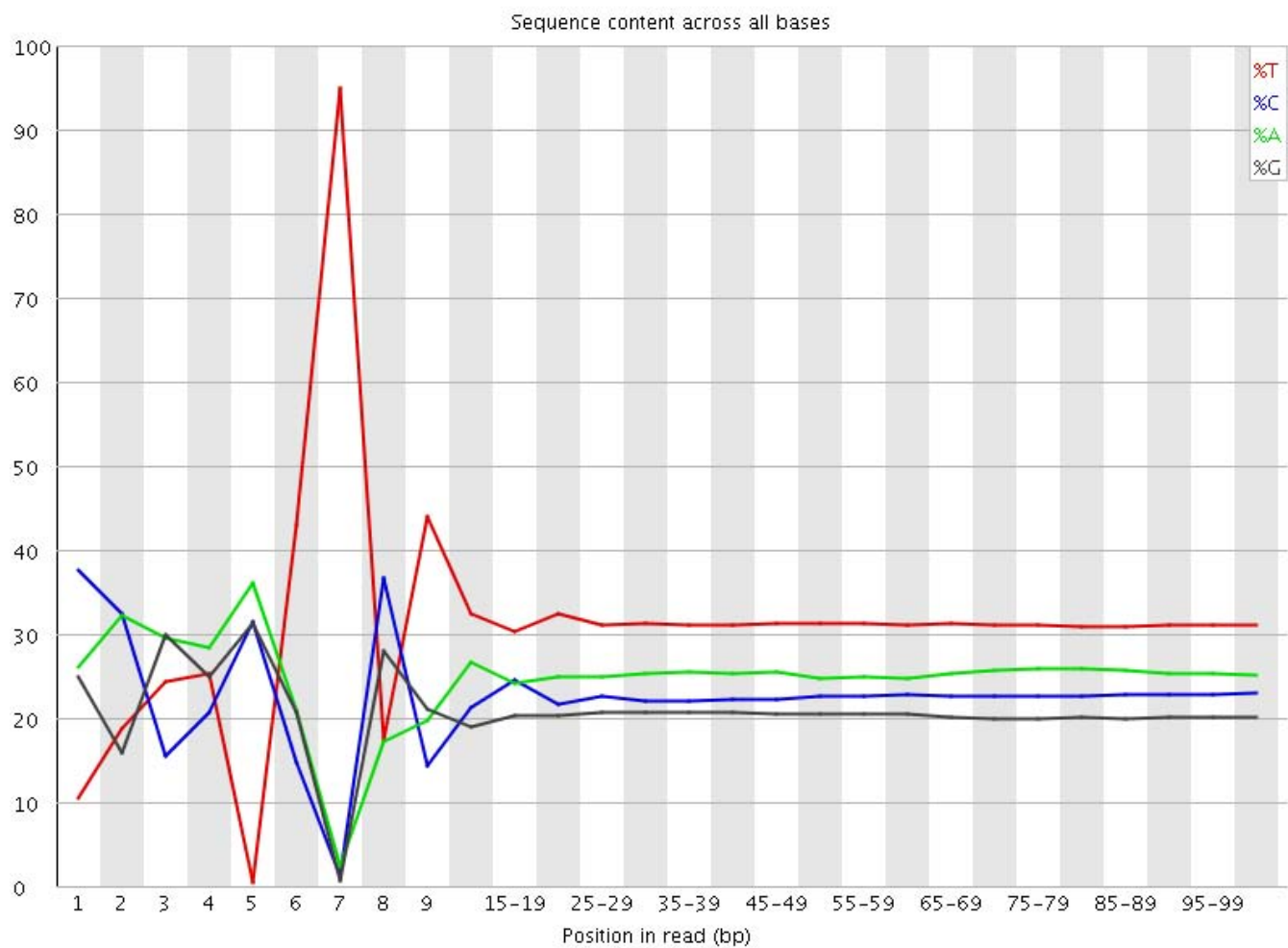
Per base sequence quality



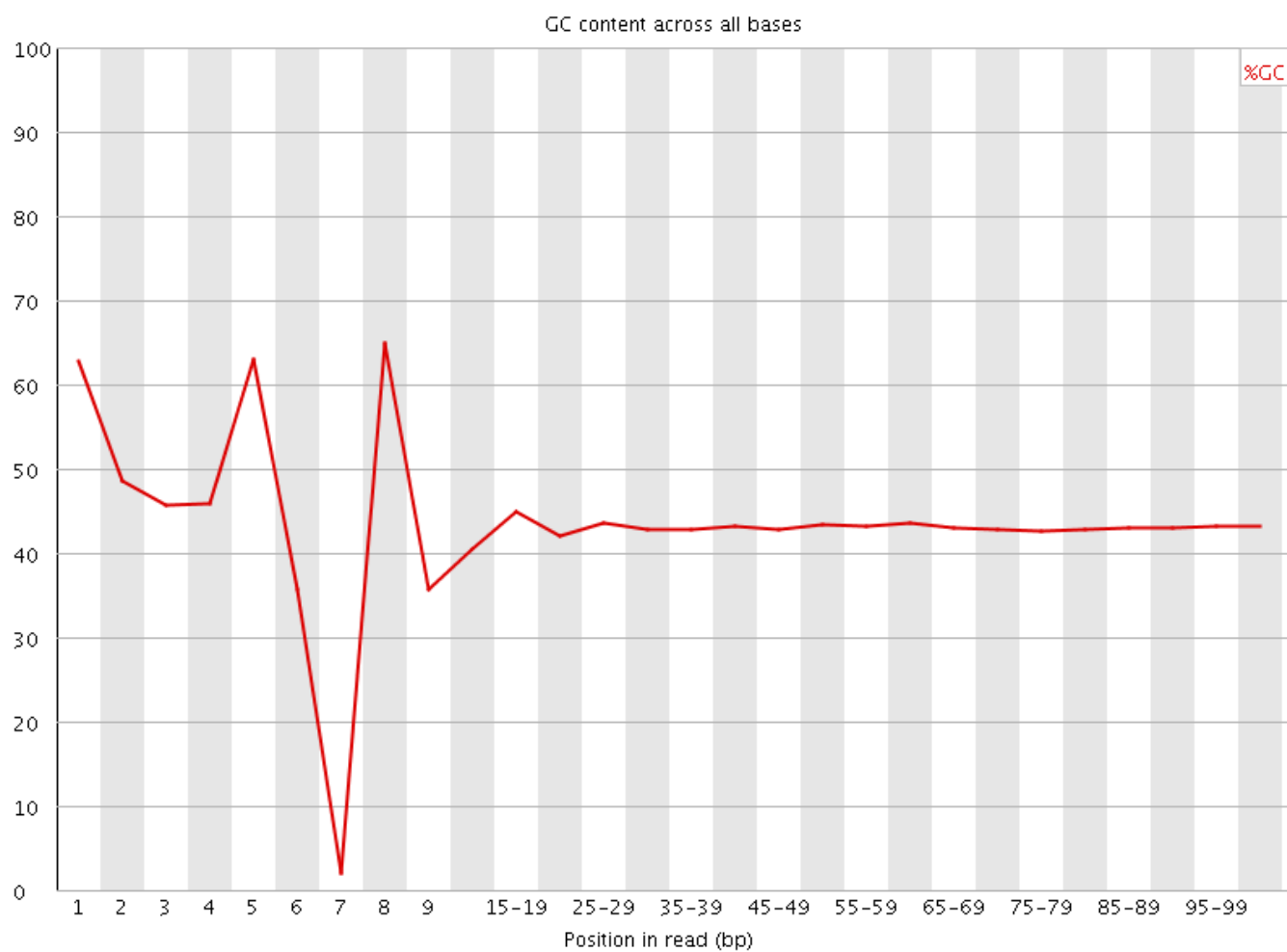
Per sequence quality scores



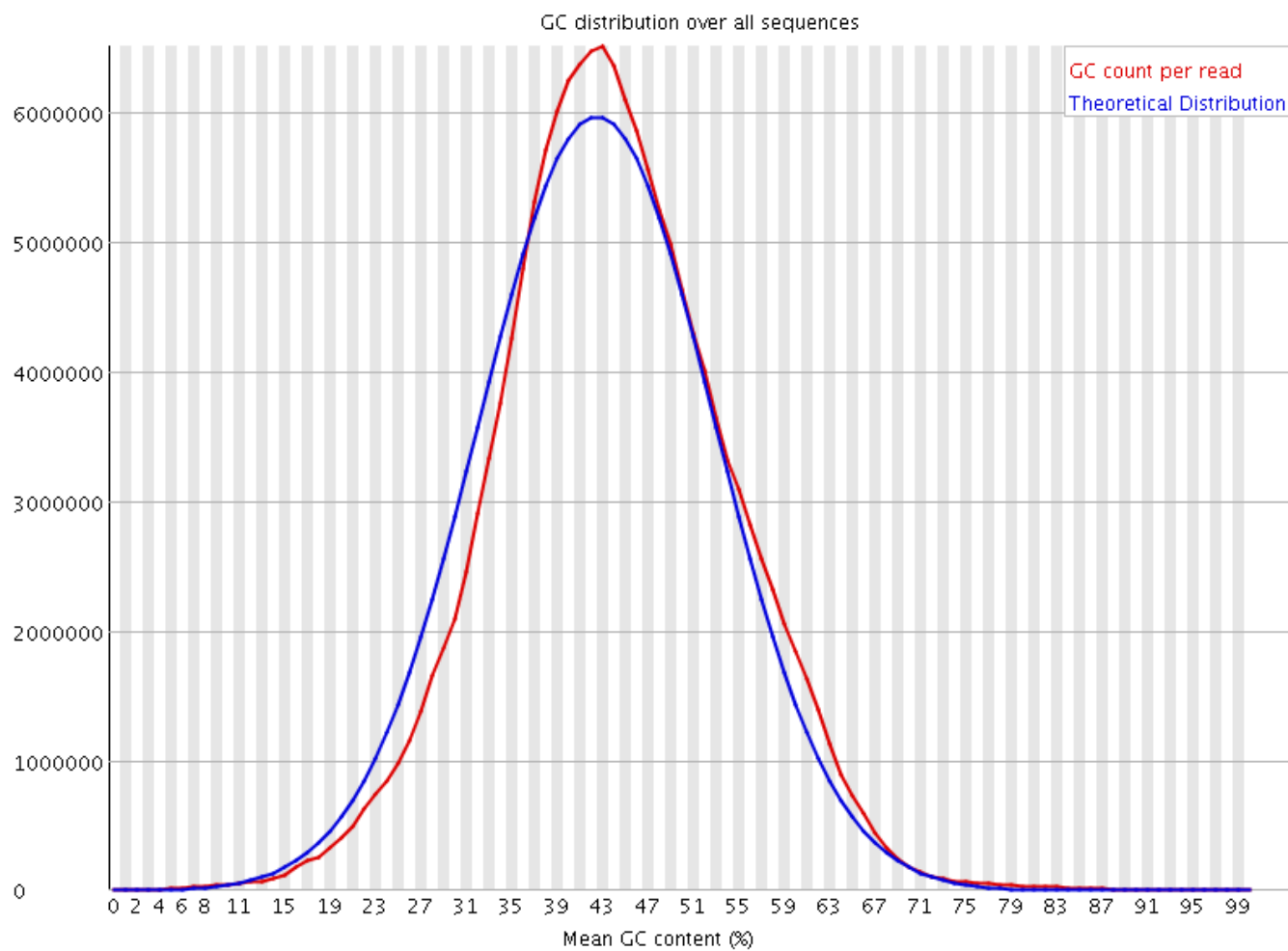
 Per base sequence content



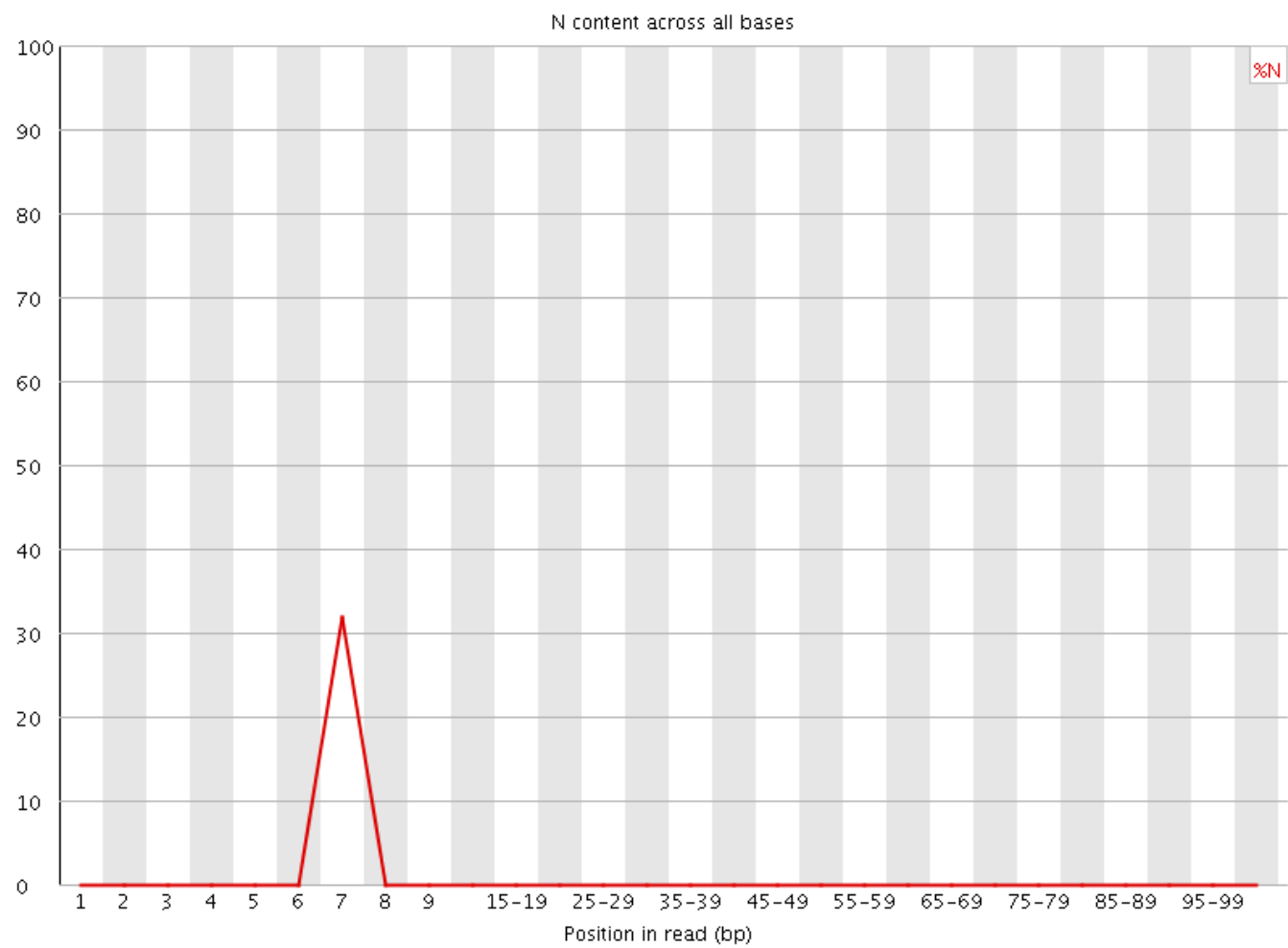
 **Per base GC content**



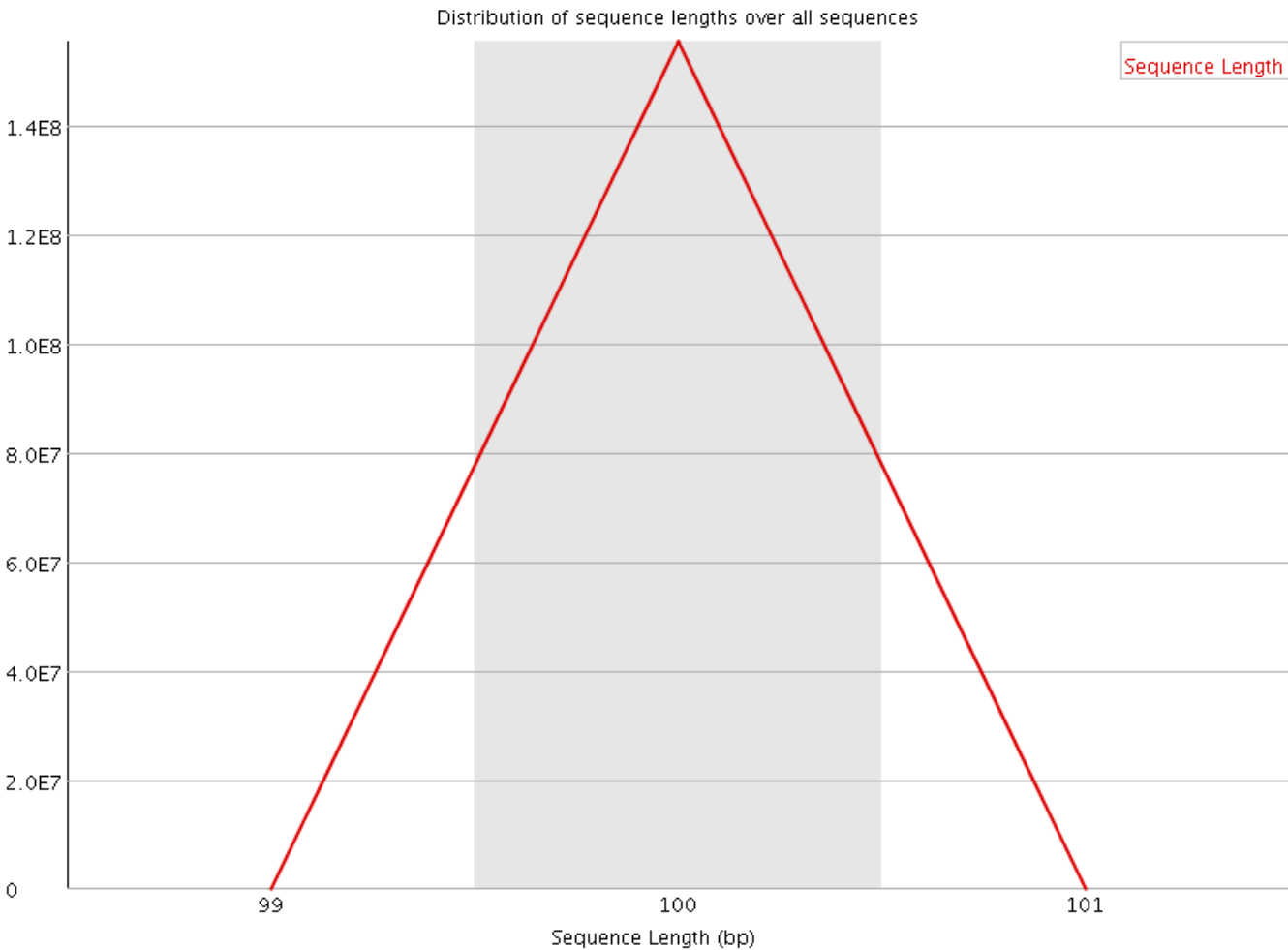
Per sequence GC content



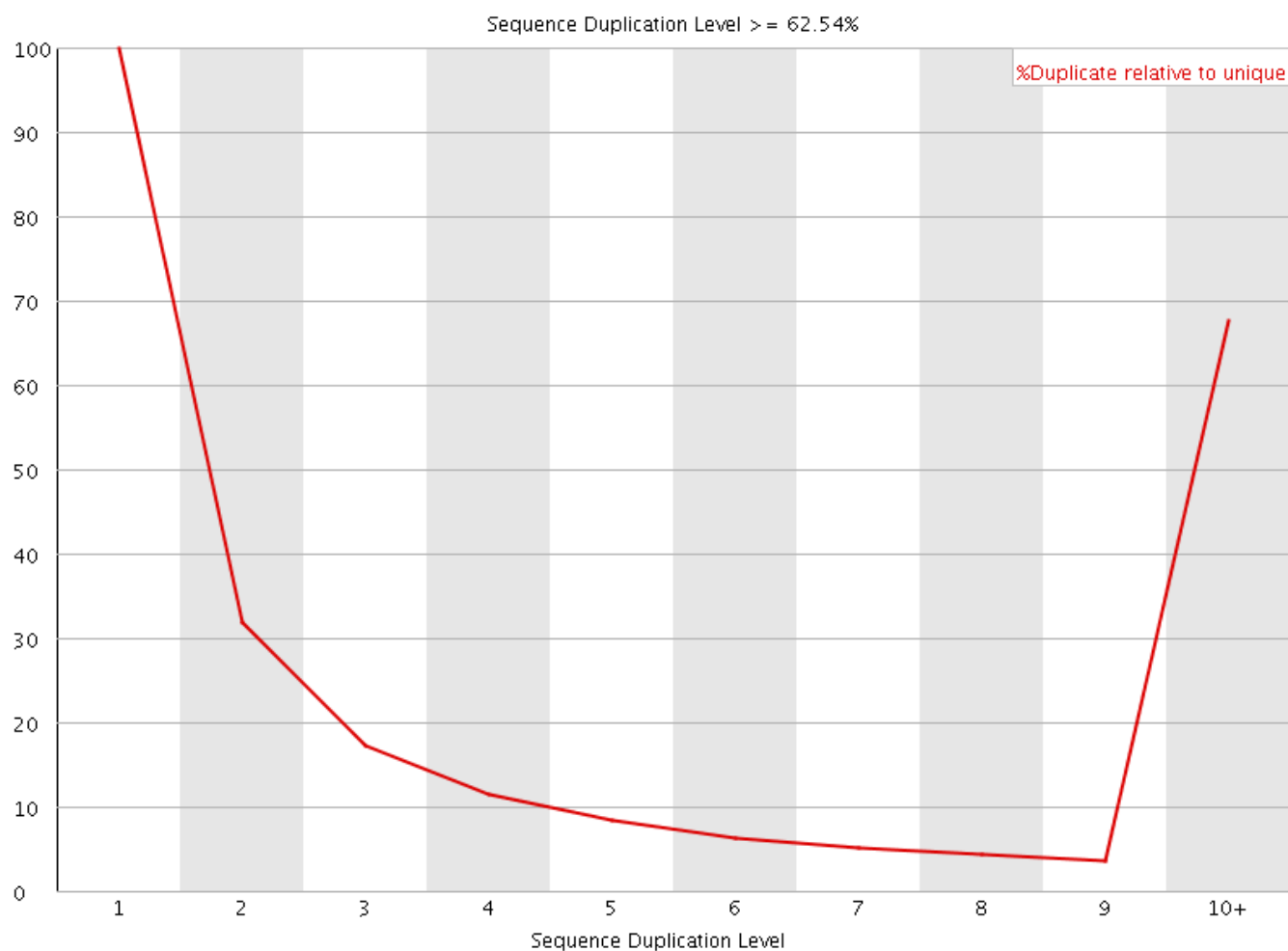
Per base N content



Sequence Length Distribution



 Sequence Duplication Levels

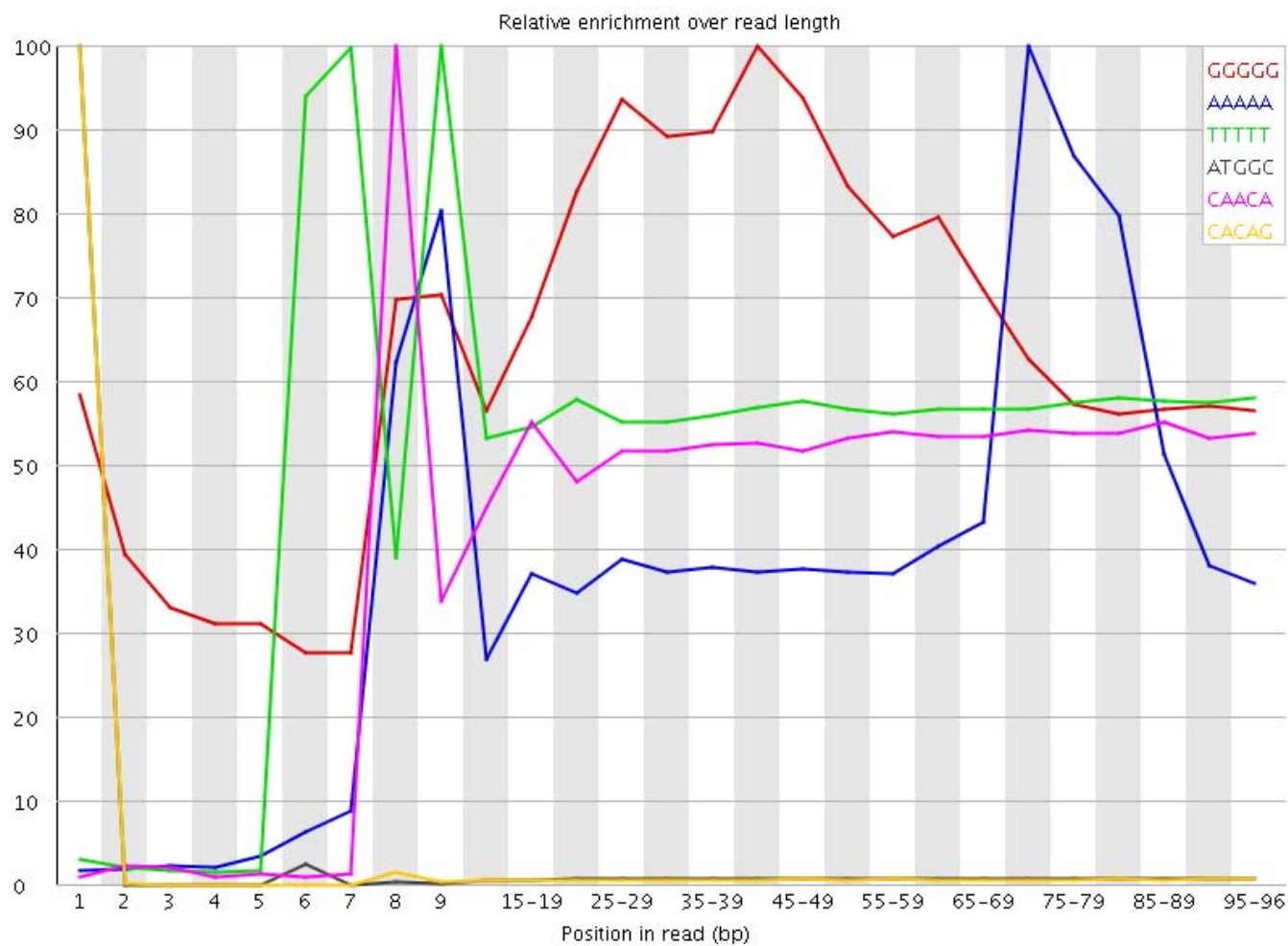


Overrepresented sequences

No overrepresented sequences



Kmer Content



Sequence	Count	Obs/Exp Overall	Obs/Exp Max	Max Obs/Exp Position
GGGGG	23344070	4.252942	5.8727202	40–44
AAAAA	65798665	4.247727	9.432636	70–74
TTTTT	157441040	3.6522794	6.6200128	9
ATGGC	31469280	2.7934682	151.36327	1
CAACA	34176985	2.7393458	5.4739156	8
CACAG	26649030	2.6285074	148.12996	1
CGAGA	22711475	2.4740074	165.62419	1
TGGCT	33750380	2.4413886	123.34968	2
GGTGG	18731440	2.2598035	5.275767	50–54
ACACG	22491215	2.2184043	114.87225	1
TCTTC	49985520	2.1680098	11.753518	7
ACAGT	29950600	2.1604679	107.657684	2

CATCA	32803790	2.1425867	5.765413	5
TTCTT	65836810	2.088336	13.81177	6
GAGAT	25704175	2.0477355	121.369675	2
AGCAA	22172770	1.9627316	69.40466	2
GGCTT	26970055	1.9509231	126.5807	3
CACGT	23968560	1.9265089	92.889595	2
CGGCG	12834390	1.9170452	5.85294	8
TGTTG	35557380	1.8810594	10.314605	7
CGTCG	18852300	1.8646963	11.943673	5
GAGCA	17068025	1.8592548	86.816315	1
GCAAC	18547700	1.8294384	50.289738	2
GCATA	24776360	1.7872273	99.425964	1
GCTAC	22211135	1.7852533	92.19661	1
CAGTT	29685665	1.7449796	87.88977	3
CTTCA	32735185	1.7423306	7.3424487	5
TTGTT	49033955	1.7177356	13.50549	6
CTTCT	39194495	1.6999733	10.550058	5
TTCAA	35490965	1.6953007	9.204088	6
CGACG	13859950	1.6823025	6.0750394	8
TCAAC	25755885	1.6822515	8.725308	7
CTACA	25717230	1.6797265	73.351456	2
CATAG	23212510	1.67442	99.016754	2
GTTGT	31437095	1.6630878	20.472216	5
CATTC	31122175	1.656478	76.130295	1
TCGTC	24950955	1.6342466	35.412136	4
ACTGG	18326840	1.6268388	7.4124517	5
ATTCG	26949810	1.5841609	84.02343	2
TTCCA	29371990	1.5633246	5.689966	6
CAACT	23869005	1.5590094	35.543583	3
GTTGG	18911180	1.5107923	13.169155	5
TGGAA	18856265	1.5021933	10.313146	7
CTTTT	46328100	1.4695218	5.6079316	5
TGGCA	16449340	1.4601767	9.216166	7

GCTTC	22261745	1.4581077	42.484325	4
TCAGC	18083250	1.4534683	7.214005	7
TCTTT	45771655	1.4518714	11.571199	7
TTGGC	20040200	1.4496406	8.376375	6
TTGGA	22171645	1.43936	8.275857	6
GTTTT	41082830	1.4391953	6.405734	8
AGCTG	16146390	1.4332844	13.400207	4
CAGTA	19777910	1.4266672	44.221973	1
ATCAA	24105015	1.4129767	5.2292767	6
TGCAA	19454900	1.403367	36.643196	1
TCCAG	17079960	1.3728274	5.489373	7
TCGGC	13841855	1.369109	12.072843	7
GCAAT	18964830	1.3680161	59.78251	3
AGATT	25842660	1.3633082	81.015366	3
CTTGG	18804000	1.3602179	8.209826	5
TCAAA	23120445	1.3552637	8.89393	7
TTCGT	28286745	1.3549646	69.18115	3
ACGTT	22726920	1.3359314	67.17139	3
CAATA	22751115	1.3336143	9.123139	4
TTCAG	22527030	1.3241816	6.5901585	6
TGGGG	10968735	1.3232932	5.93888	7
TGTTT	37770265	1.323151	14.423884	7
CAATT	27662565	1.3213606	6.244034	4
GTTC A	22473900	1.3210584	13.603645	5
CAATG	18210680	1.3136159	15.975374	4
ACATC	20092270	1.312331	26.53157	4
TGCGA	14732205	1.3077499	66.33395	2
TTGAA	24782565	1.3073838	5.7732663	6
CATTT	33279830	1.2954223	5.2195306	5
TGGAC	14588315	1.2949771	5.2767315	7
GT TGA	19897005	1.2916927	7.32813	5
TTGCG	17851550	1.2913209	55.22355	1
TAAAA	24239990	1.275185	8.845185	7

TCTTG	26394555	1.2643266	12.400621	7
CATCT	23685660	1.2606694	8.458236	5
GCTGT	17374215	1.2567922	5.642207	5
AGTTG	19150930	1.2432582	28.951593	4
AGTAC	17218405	1.2420388	45.5654	2
TACAT	25961820	1.240121	56.105247	3
AACTG	17060745	1.2306663	10.663232	4
TTGGG	15260515	1.2191452	6.1196437	6
CTTCC	20546555	1.218545	6.7029996	5
TGCCA	15113790	1.2147936	8.59887	7
GTGGA	12314675	1.2072794	5.895935	6
GTGGC	11030480	1.2049417	5.992194	6
TCGCC	13451345	1.2047075	8.961891	7
CGTTG	16474305	1.1916957	23.061033	4
GCTTG	16322160	1.18069	38.12304	4
GTTTG	22294585	1.17943	5.059758	5
ACATT	24576515	1.1739489	12.4175415	4
GATTT	27227965	1.1705049	11.568554	4
CTTGT	24397640	1.1686722	11.357945	5
GCGAT	13128940	1.1654311	70.897415	3
TATTT	40812480	1.1618171	10.15724	7
TCTGG	16059610	1.1616981	11.610832	7
CATCG	14448580	1.1613263	8.017008	5
CGTTC	17693320	1.1588833	30.88076	4
GTCAA	16023510	1.1558459	6.4316063	6
ATTGG	17744540	1.1519569	6.302151	5
ATATT	32935905	1.1505699	5.2626247	6
TTGTC	23895395	1.1446142	10.655534	6
GTCGG	10477880	1.1445771	8.277035	6
CGTCC	12691720	1.1366751	8.008843	5
TGTTC	23711210	1.1357915	8.395273	7
ATCTT	29105050	1.1329184	8.717354	6
GTTCT	23550715	1.1281035	21.89942	5

ATAGT	21242370	1.1206236	72.449394	3
CTTCG	17068595	1.1179649	10.79957	5
TTCAC	21004340	1.1179562	7.135089	6
CGATG	12592885	1.1178465	17.97282	4
TTCGG	15445000	1.1172395	11.7116375	6
TCGAC	13866835	1.1145676	10.966351	7
TCGTG	15396780	1.1137512	31.862968	4
TTAAA	25929500	1.1115686	6.057119	6
TTATT	38995785	1.1101009	7.5368814	6
CGTCA	13678740	1.0994493	9.325978	5
CGTGT	15158260	1.0964974	15.535934	5
TCCGG	11063550	1.0943047	10.352971	7
CTGTT	22769935	1.0907035	5.7629933	6
ATTGT	25277565	1.0866591	8.939359	5
TGGCG	9936870	1.0854785	6.3299017	7
TGTCC	16569320	1.0852631	5.6302156	7
AGTTC	18431745	1.0834529	35.322193	4
TTCTG	22552300	1.0802786	8.796649	6
GCTTT	22548640	1.0801033	16.364378	4
GTTGC	14883005	1.0765864	8.221134	5
AGCTT	18304665	1.0759829	5.2729473	4
TGAAA	16404315	1.0619731	6.9298577	7
AGCTC	13174005	1.0588804	20.640192	4
TCAAG	14542015	1.0489793	5.2446275	7
CAATC	16001865	1.0451653	21.392317	4
TGTGG	13067570	1.0439531	5.624783	7
GTCGC	10542725	1.0427895	6.336487	6
GTACT	17711065	1.0410899	37.364994	3
GATTG	15987285	1.0378778	29.672258	4
GTCGA	11670255	1.0359464	6.592155	6
ACATG	14353760	1.0353994	23.526167	4
ATTCA	21649390	1.0341287	6.37476	5
TATCA	21560060	1.0298616	6.270296	7

TTCTC	23639750	1.0253212	9.718769	6
GATTC	17394745	1.0224961	35.182106	4
AATGT	19355530	1.021085	6.7033887	5
TGCCG	10318615	1.0206226	6.43169	7
GTCTT	21295950	1.0200981	10.06923	6
TCGGA	11467460	1.0179447	9.52684	7
CGTGG	9313545	1.0173881	9.878045	5
ATGTT	23662005	1.0172076	8.511526	6
GTTCC	15510915	1.0159394	11.054917	5
TTGTG	19180130	1.014669	6.1946425	6
ATCGG	11391340	1.0111877	5.804578	6
AGTTT	23449625	1.0080776	10.388389	4
GTCCG	10181610	1.0070714	5.9262915	6
CTCTT	23172950	1.0050747	6.640056	6
GTGTT	18835250	0.99642396	10.383261	6
GATCG	11208105	0.9949222	5.699884	5
CGTTT	20713535	0.9921998	5.912079	4
TAGCT	16869510	0.99162173	36.938797	3
GATGT	15204130	0.98703617	6.974274	5
CTAGC	12156775	0.977119	50.460384	2
TGGGA	9895155	0.9700798	6.079016	7
TCTGC	14709210	0.9634291	5.047165	7
GTCTG	13316325	0.963258	6.105122	6
TGTCA	16363105	0.9618543	9.829247	7
CGATC	11865910	0.9537403	23.4682	4
TCAGA	13160900	0.9493534	6.0384874	7
CATGG	10670985	0.9472431	6.7181606	5
AGTGG	9650055	0.9460512	8.554845	5
ACTAG	13025210	0.9395655	46.577843	1
TCGTT	19586770	0.9382266	10.733933	4
GTTCC	12948040	0.9366175	16.626118	5
ACTGT	15777865	0.92745286	8.922843	5
TCTCC	15528605	0.92094773	7.1475725	7

GTATT	21373295	0.9188181	5.7189136	6
TTGCC	13980215	0.9156811	7.259604	6
ACATA	15564595	0.9123582	11.104603	4
TTCGA	15435655	0.90733725	9.552513	6
TACTG	15432965	0.907179	11.036207	4
CGTCT	13830180	0.90585405	14.368846	5
GTGTC	12496415	0.90394855	7.5138497	6
TCTCG	13798495	0.90377873	9.290962	7
CATGT	15316885	0.9003556	8.671706	5
TGTCC	12413850	0.897976	10.275094	7
AGTGT	13782375	0.8947373	12.534569	5
CGTGC	9020835	0.89225805	7.2628427	5
GATCT	15171110	0.8917866	7.647596	5
TCCGC	9837030	0.8810081	6.1473284	7
AGTCA	12212325	0.8809284	8.3929615	5
ATTCT	22437430	0.8733801	8.506023	5
TCACA	13313540	0.86957675	6.8008194	7
AACTC	13141870	0.85836416	14.825536	4
TTCCG	13046555	0.85452807	9.063356	6
TCGGG	7814110	0.8535936	9.508778	7
TCCCA	11700850	0.8515666	5.8954563	7
TACTC	15747585	0.83816534	10.90424	4
ATCTC	15638605	0.8323649	5.4213095	6
CTTGC	12447510	0.81529146	7.232343	5
AGTCG	9178330	0.814743	11.245392	5
TCACG	10131125	0.81430435	6.5059943	7
ATGTC	13795555	0.8109289	5.414978	6
CGTAT	13774500	0.8096912	7.5395284	5
AATCT	16801530	0.80256045	6.9644914	5
TCGAA	11081995	0.79939276	6.880904	7
AGTGC	8954195	0.79484695	6.401576	5
CGATT	13503510	0.7937619	8.9110985	4
TCTGA	13490960	0.79302424	5.9333205	7

ATTGC	13474510	0.7920573	5.2966986	5
TCGTA	13469470	0.79176104	14.576705	4
AGTAT	14984715	0.7905062	5.9904723	5
ATTCC	14679345	0.7813082	5.634818	5
TTATC	19663785	0.7654157	5.0379214	6
AGCTA	10580985	0.7632528	10.408322	4
AGTCC	9462005	0.76052284	6.924495	5
ACTCT	13933310	0.74160045	9.237867	5
TAGTG	11410275	0.7407431	26.599249	4
TGTGA	11245345	0.730036	5.709889	7
ACTCG	9011160	0.7242855	8.145956	5
GCTCT	11050400	0.723783	7.446961	5
TTCGC	11046645	0.7235372	9.6363325	6
TAGTT	16408450	0.7053841	9.3596	4
TAGTA	13233775	0.6981368	11.748216	4
GTTAT	16205980	0.69668007	11.42995	5
TGTTA	16190850	0.69602966	5.0781546	7
TCCGA	8589325	0.69037986	5.829308	7
TAGTC	11580400	0.6807179	31.502905	4
GCTCG	6865125	0.67903507	5.6632338	5
ACTCA	10393095	0.6788273	6.5737433	5
TCTCA	12718605	0.6769479	7.6803946	7
AACTA	11544140	0.67668915	5.7043805	4
TCGCA	8386045	0.6740409	7.447794	7
GATTA	12615905	0.6655416	12.012199	4
CGTGA	7487750	0.6646734	5.9661403	5
GTCTC	10068795	0.6594895	6.747471	6
CGATA	9098695	0.6563287	11.699257	4
CGTAA	8936015	0.64459383	5.7723784	5
AGTTA	12184025	0.64275813	12.5181	4
GCTTA	10763030	0.63267136	14.431225	4
AGTCT	10761205	0.632564	12.405794	5
TACTA	13043105	0.6230314	5.9522357	4

GTTAA	11639995	0.6140582	7.6939554	5
ACTAT	12754750	0.6092575	5.15159	5
TCGCG	5674820	0.56130105	6.303129	7
CGTTA	9435435	0.5546328	15.043818	4

Produced by [FastQC](#) (version 0.10.0)