№FastQC Report

Summary



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

Basic Statistics

Measure Value

Filename ERR032066_1_REP2.fq

File type Conventional base calls

Encoding Sanger / Illumina 1.9

Total Sequences 1000000

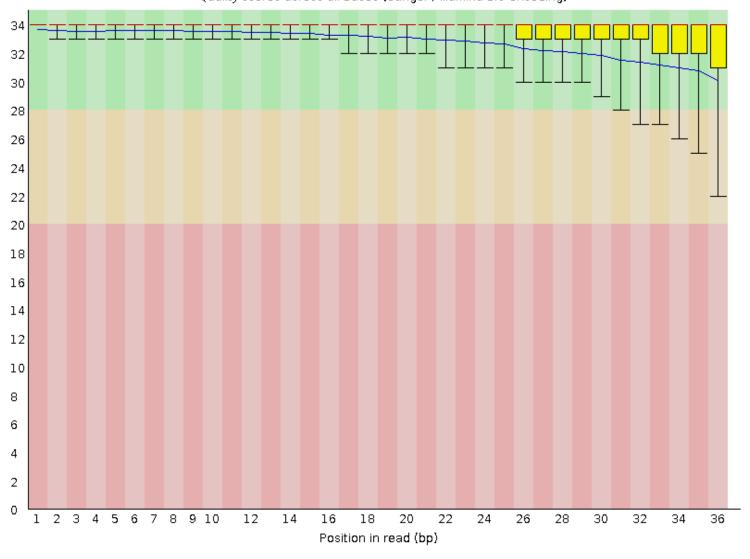
Sequences flagged as poor quality $\,$ 0 $\,$

Sequence length 36

%GC 38

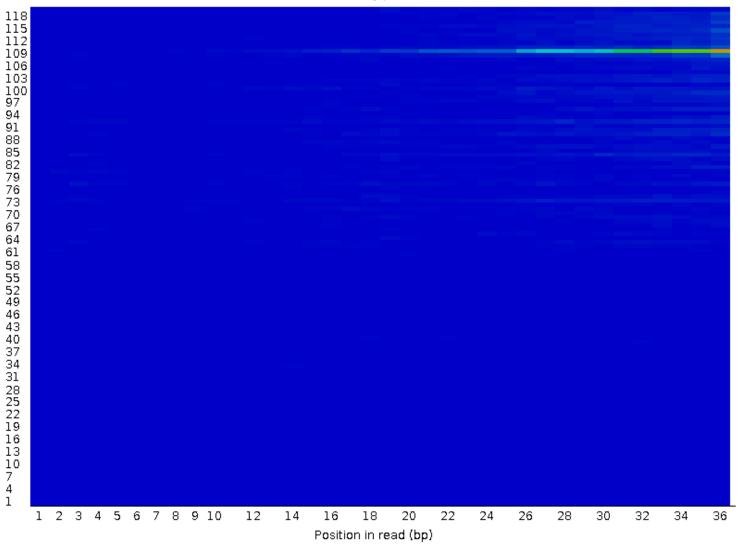


Quality scores across all bases (Sanger / Illumina 1.9 encoding)



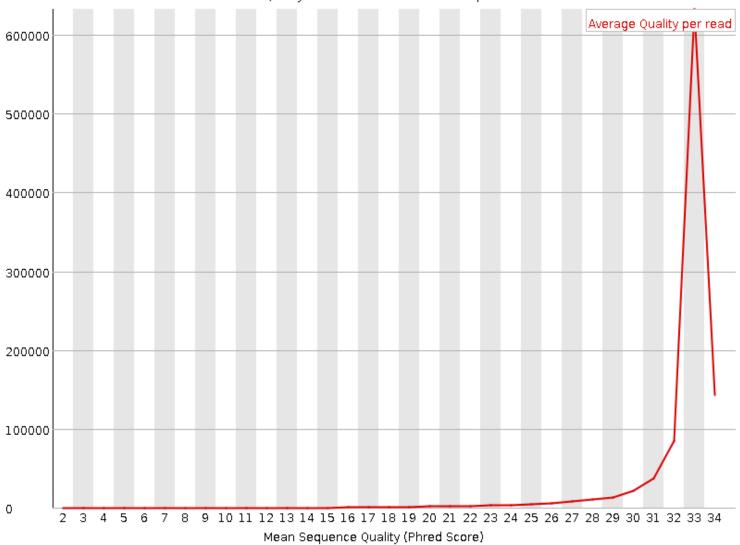
Per tile sequence quality



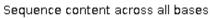


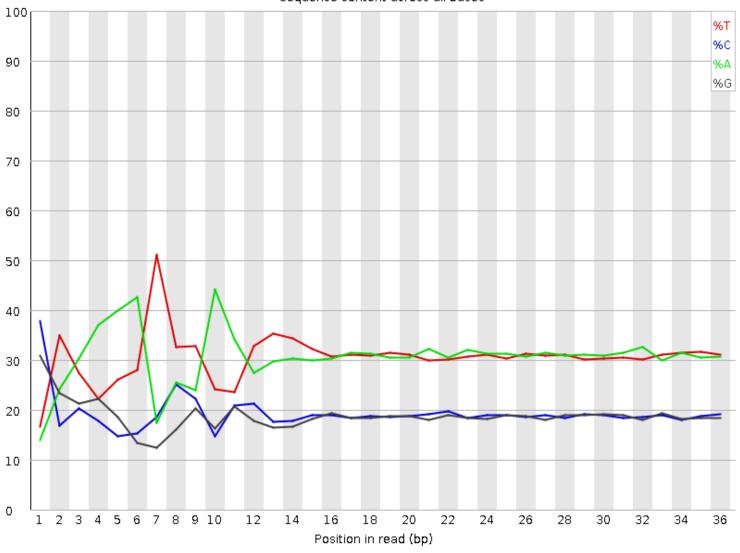
Per sequence quality scores



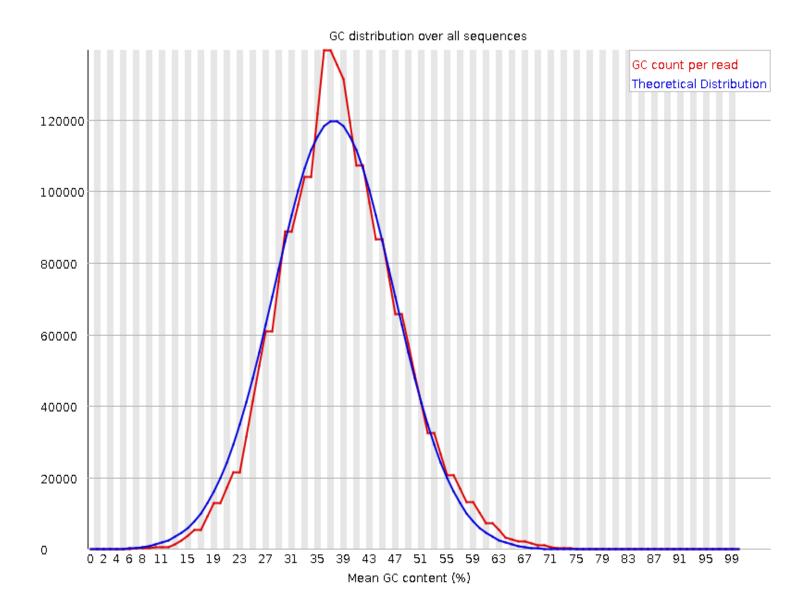


②Per base sequence content

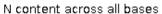


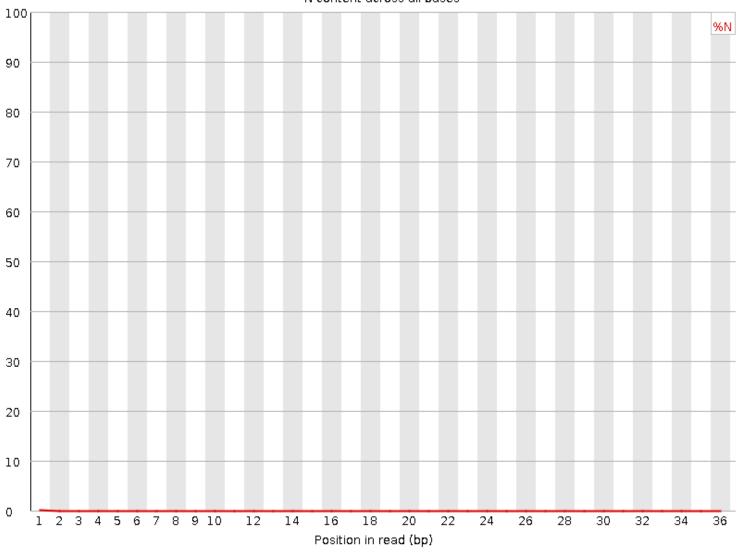


Per sequence GC content

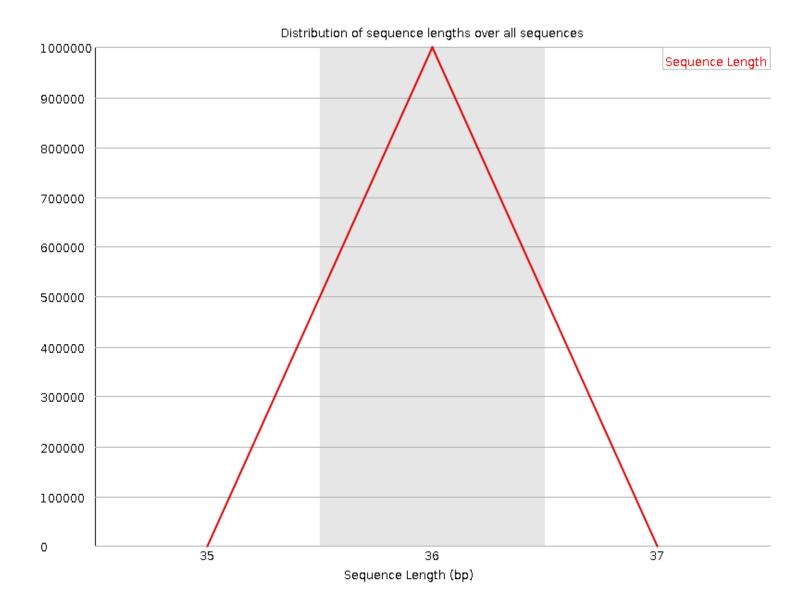






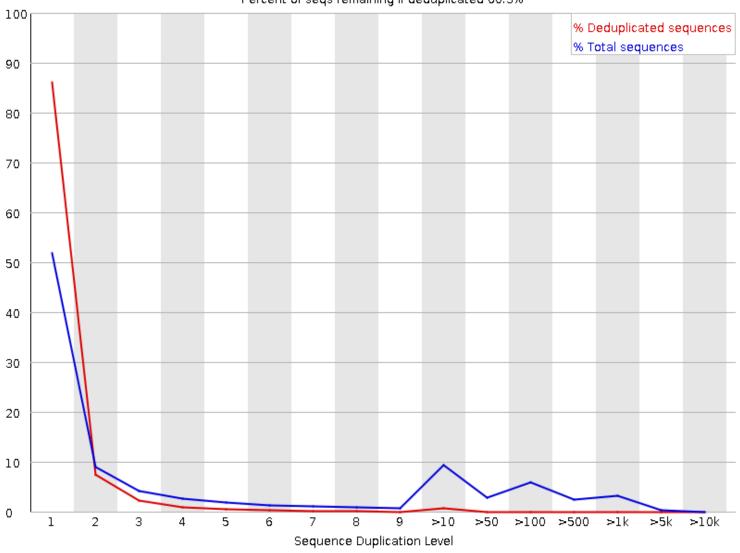


Sequence Length Distribution



Sequence Duplication Levels



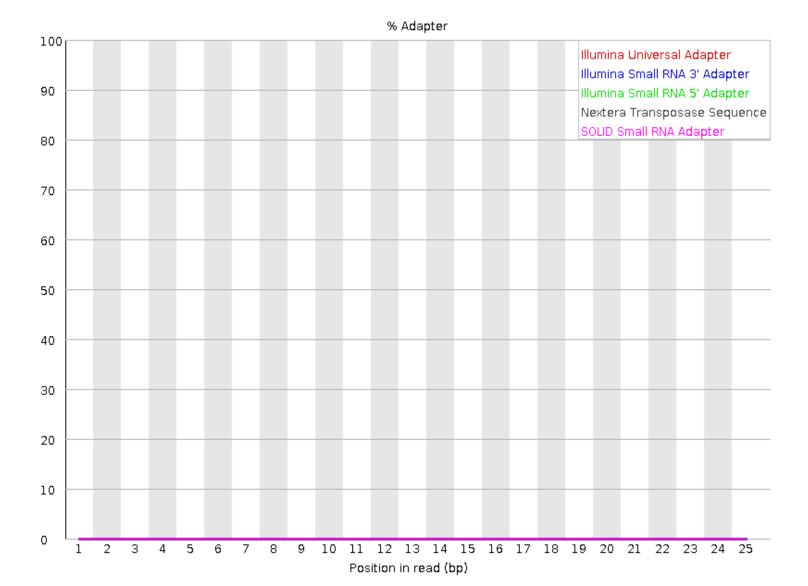


Overrepresented sequences

| Sequence | Count | Percentage | Possible Source |
|--------------------------------------|-------|-----------------------|-----------------|
| GGGATATAGAATCTTGGAGGACATATCGAAGATTTT | 5557 | 0.55570000000000001 | No Hit |
| GGCCTCTACACCTATCTTTAACTACAATTCAACATC | 3677 | 0.3677 | No Hit |
| TCTACACCTATCTTTAACTACAATTCAACATCGAGG | 3291 | 0.3291 | No Hit |
| CAGGGATATAGAATCTTGGAGGACATATCGAAGATT | 2602 | 0.2602 | No Hit |
| CAAGATTCTATATCCCTGTTATCCCTAAGGAAGTTC | 2466 | 0.24659999999999999 | No Hit |
| CAAATAACTAAAGTAAGAAACACCACTAAGTTAAAA | 1873 | 0.1873000000000000002 | No Hit |
| GTTGAATTGTAGTTAAAGATAGGTGTAGAGGCCTTT | 1811 | 0.18109999999999998 | No Hit |
| GTTAAATAGCTGCAGTACTTTGACTGTACGAAGGTA | 1693 | 0.1693 | No Hit |
| CTTTAACTACAATTCAACATCGAGGTAGAAAACAAA | 1685 | 0.1685 | No Hit |

| Sequence | Count | Percentage | Possible Source |
|--|-------|----------------------|-----------------|
| GTTAAAGATAGGTGTAGAGGCCTTTACTTTTAGTCT | 1379 | 0.1379 | No Hit |
| ${\tt CTACACCTATCTTTAACTACAATTCAACATCGAGGT}$ | 1294 | 0.129400000000000002 | No Hit |
| CTTGGAGGACATATCGAAGATTTTGTTTTCTACCTC | 1292 | 0.1292 | No Hit |
| CTAAACTCAAATCACGAATAATATTATTAGTCGAAC | 1267 | 0.12669999999999998 | No Hit |
| GTTATTTCAAGGACGAAAAGACCCTAGAGAGTTTTT | 1263 | 0.1263 | No Hit |
| ${\tt CTTAGGGATAACAGGGATATAGAATCTTGGAGGACA}$ | 1262 | 0.1262 | No Hit |
| AAATAACTAAAGTAAGAAACACCACTAAGTTAAAAA | 1237 | 0.1237 | No Hit |
| CCTATCTTTAACTACAATTCAACATCGAGGTAGAAA | 1226 | 0.122600000000000001 | No Hit |
| CAATTCTAGAATTAGTAGACAAGTAATTATGCTACC | 1183 | 0.1183 | No Hit |
| CCAAGATTCTATATCCCTGTTATCCCTAAGGAAGTT | 1076 | 0.10759999999999999 | No Hit |
| TTTGAATACTTATTTATTACATTATGAACTTCCTTA | 1072 | 0.1072 | No Hit |
| CTCAAATCACGAATAATATTATTAGTCGAACAGACT | 1068 | 0.10679999999999999 | No Hit |





Produced by <u>FastQC</u> (version 0.11.7)