### **Report**

#### Summary



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

Kmer Content

#### Basic Statistics

Measure Value

Filename K562.trimmed1.fastq

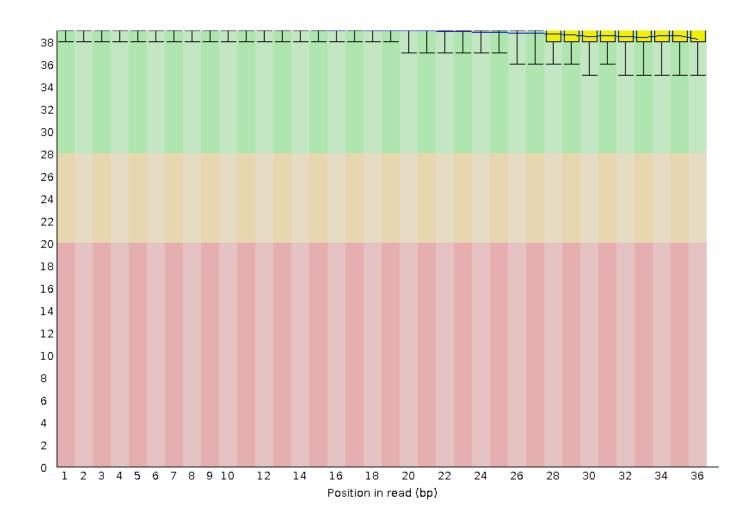
File type Conventional base calls

Encoding Illumina 1.5

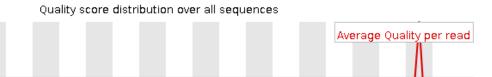
Total Sequences 24041407

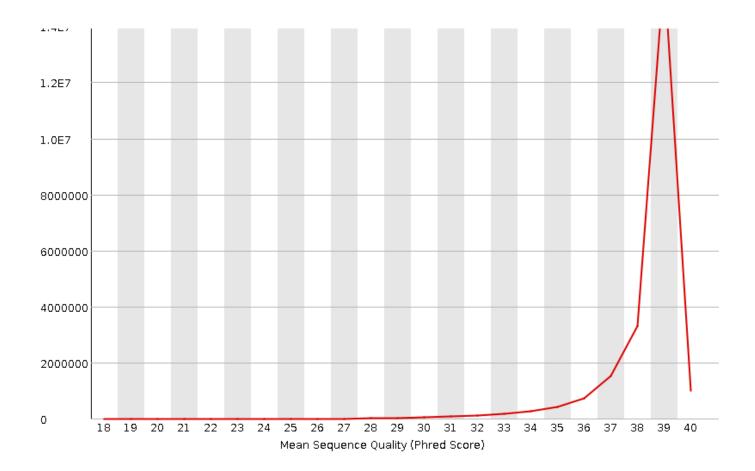
Filtered Sequences 0
Sequence length 36
%GC 40

Per base sequence quality

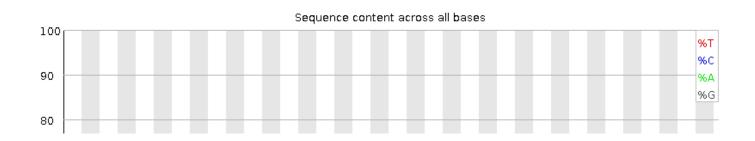


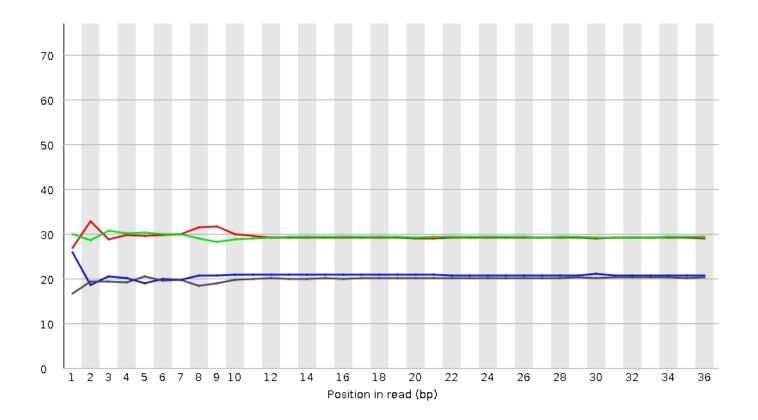
### Per sequence quality scores



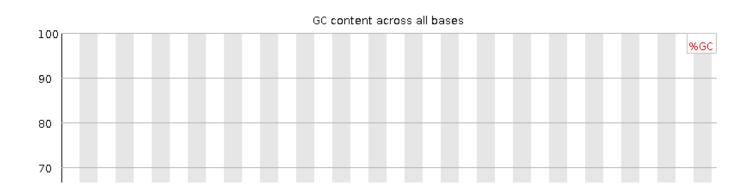


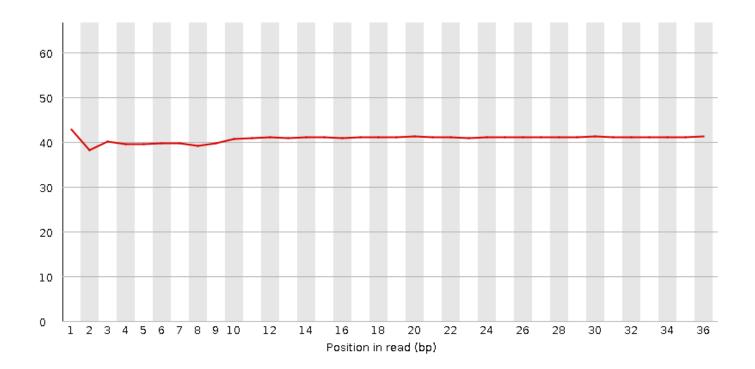
# Per base sequence content



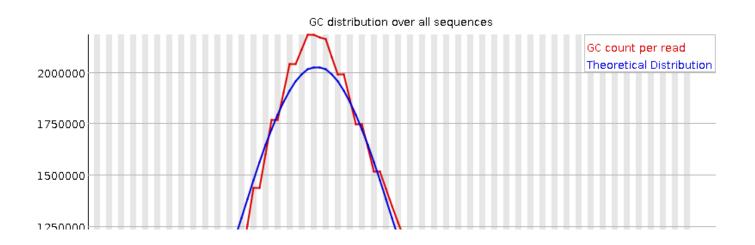


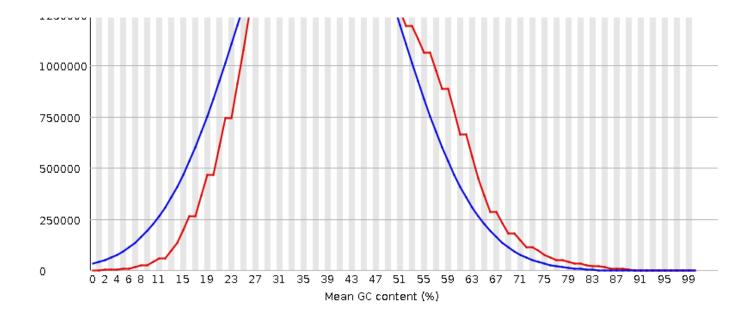
# Per base GC content



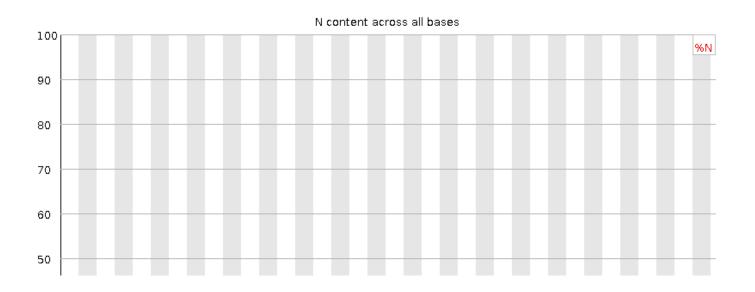


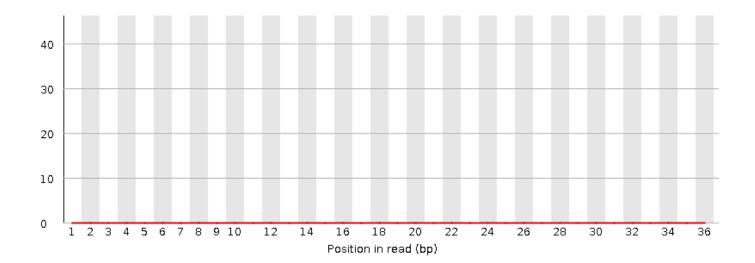
# Per sequence GC content



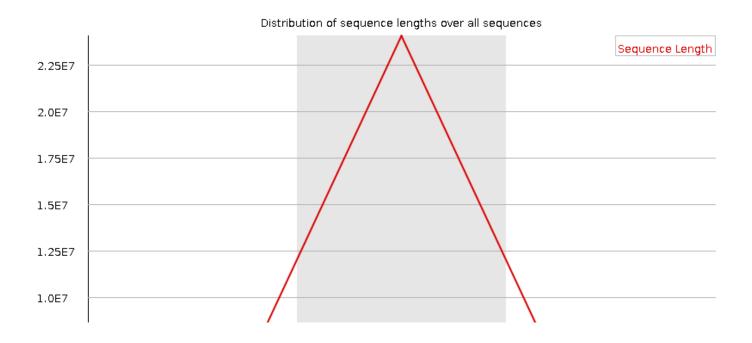


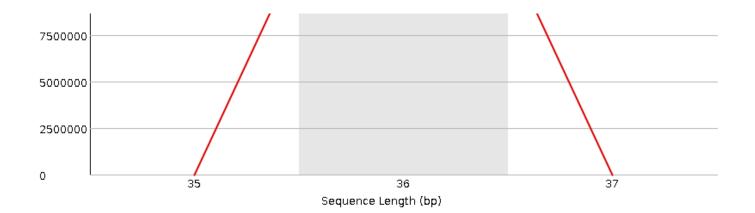
# Per base N content



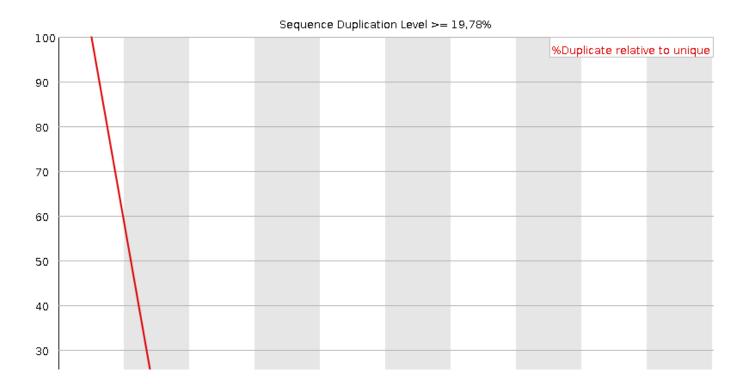


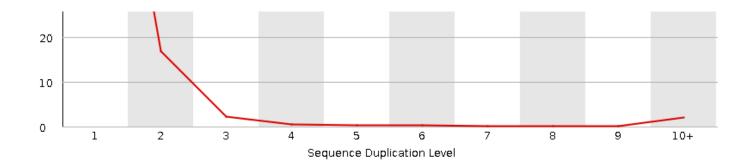
# Sequence Length Distribution





# Sequence Duplication Levels

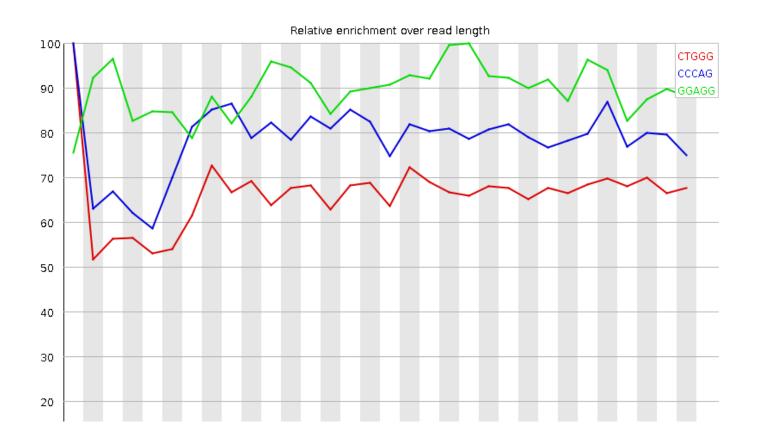




#### **Overrepresented sequences**

No overrepresented sequences

#### **West Content**



Sequence	Count	Obs/Exp Overall	Obs/Exp Max	Max Obs/Exp Position
CTGGG	1326845	3.475149	5.225642	1
CCCAG	1336350	3.2171552	4.0845246	1
GGAGG	1105295	3.0264652	3.3751552	21

Produced by <u>FastQC</u> (version 0.10.1)