

# RiboMetric Report

Results from your RiboMetric analysis of test.bam with 1000\_entry\_RiboMetric.tsv as annotation, completed at 14:01:29 06/11/2023

## Summary Report

Read length distribution metric	0.25
Ligation bias distribution metric	0.073
3nt weighted score	1.0
3nt weighted score best 3 read lengths	1.0
Cds coverage metric	0.0

## Summary Scores



---

## Read Frame Distribution

Frame distribution per read length

## Read Frame Distribution



---

## Metagene Profile

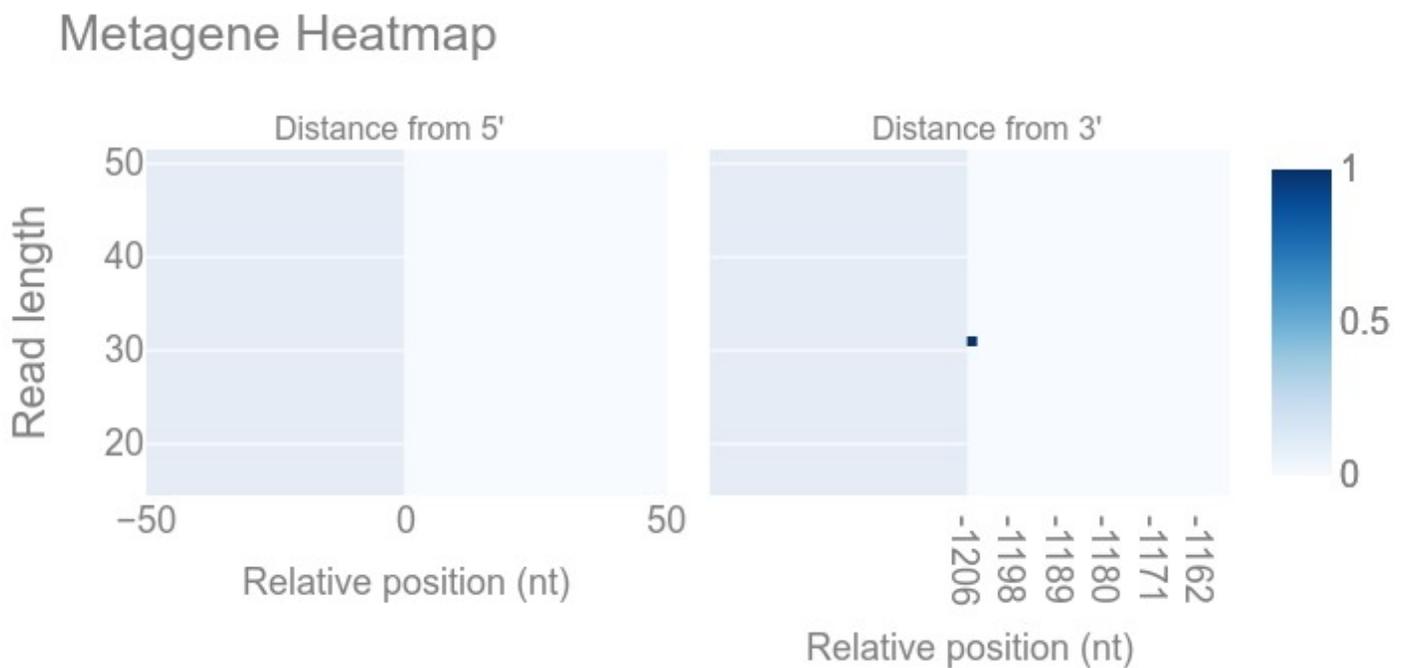
Metagene profile showing the distance count of reads per distance away from a target (default: start codon).



---

## Metagene Heatmap

Metagene heatmap showing the distance between the A-site and a target per read length and the counts in colorscale.

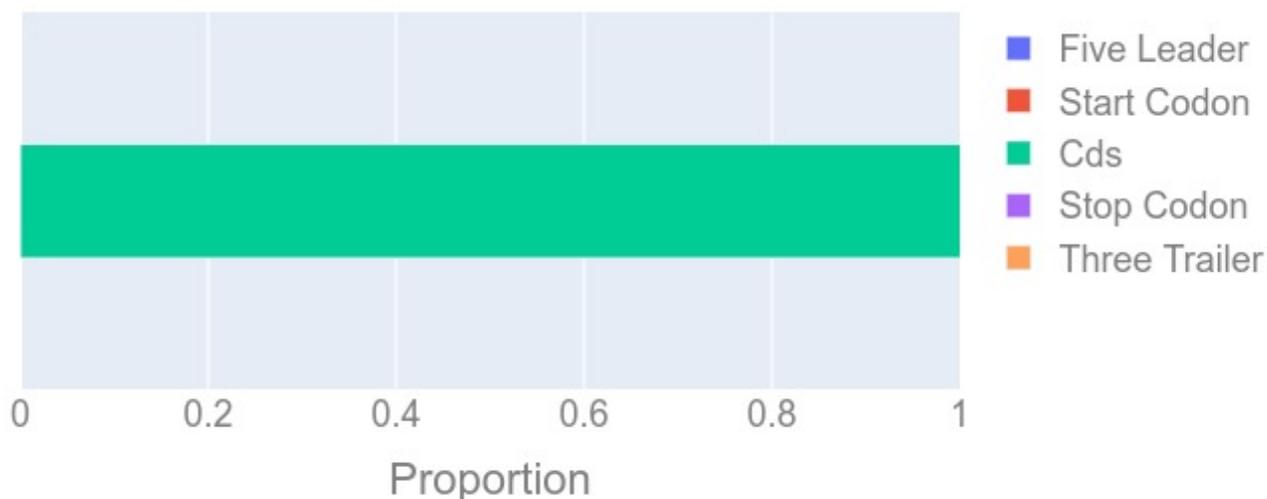


---

## mRNA Reads Breakdown

Shows the proportion of the different transcript regions represented in the reads

## mRNA Reads Breakdown

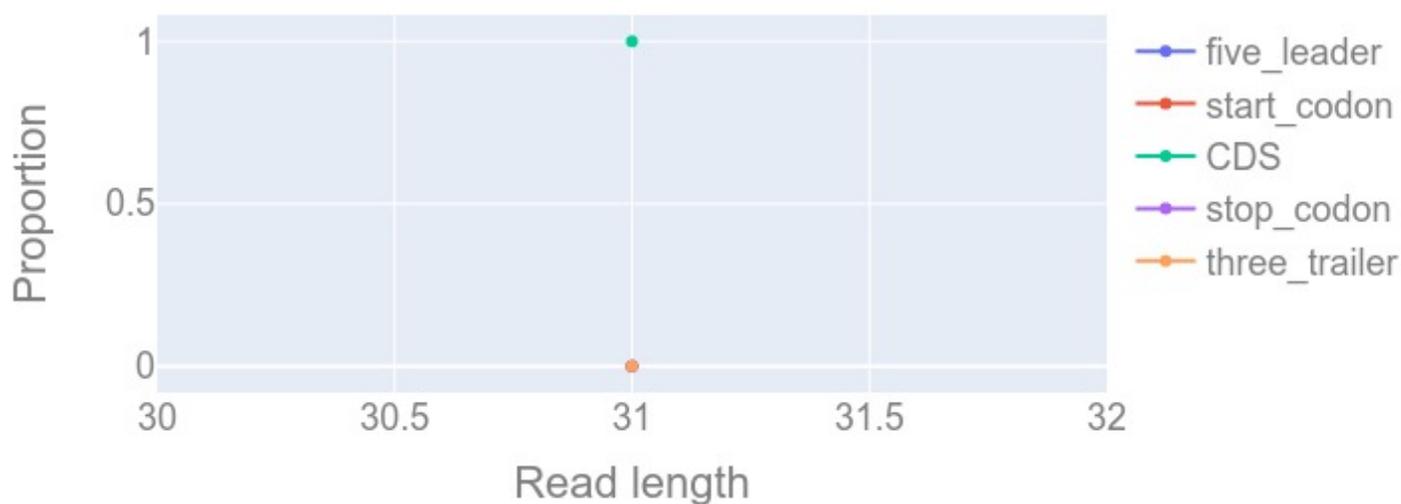


---

### mRNA Reads Breakdown over Read Length

Shows the proportion of the different transcript regions represented in the reads over the different read lengths.

## Nucleotide Distribution

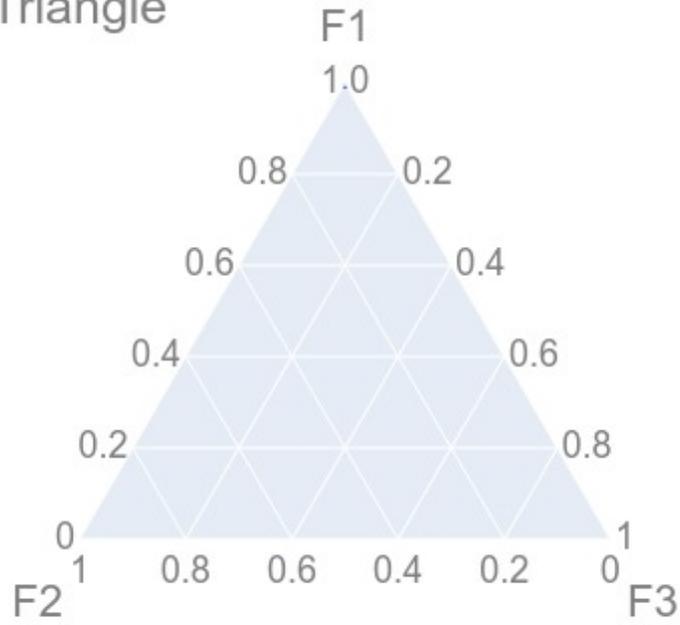


---

### Read Frame Triangle

Triangle plot showing the distribution of read frames for the full dataset

# Read Frame Triangle

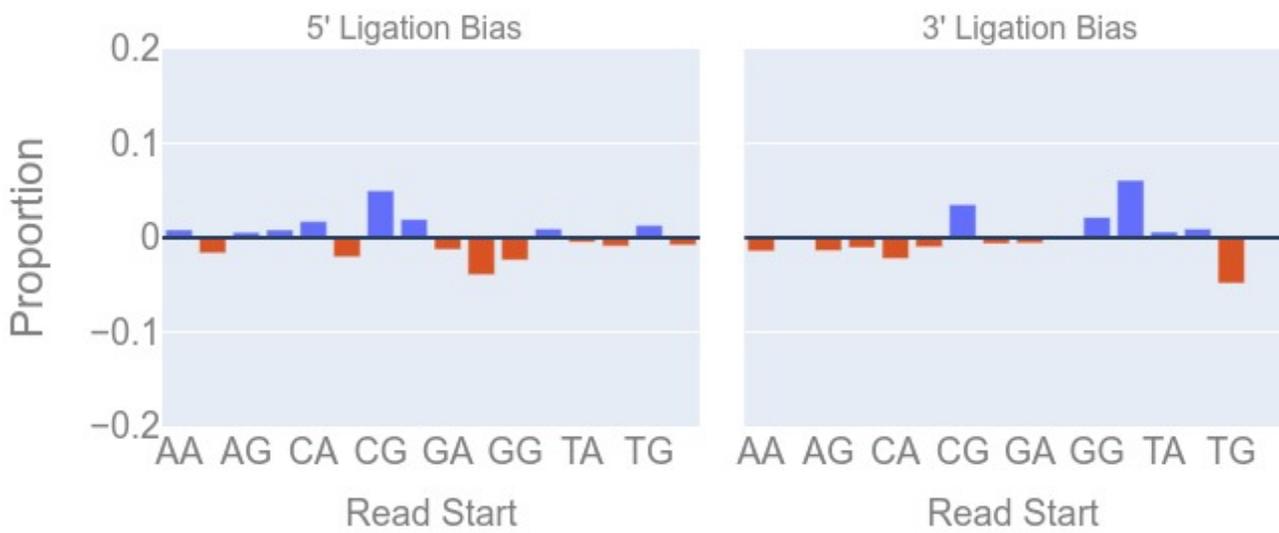


---

## Ligation Bias Distribution

Distribution of end bases for the full dataset

### Ligation Bias Distribution

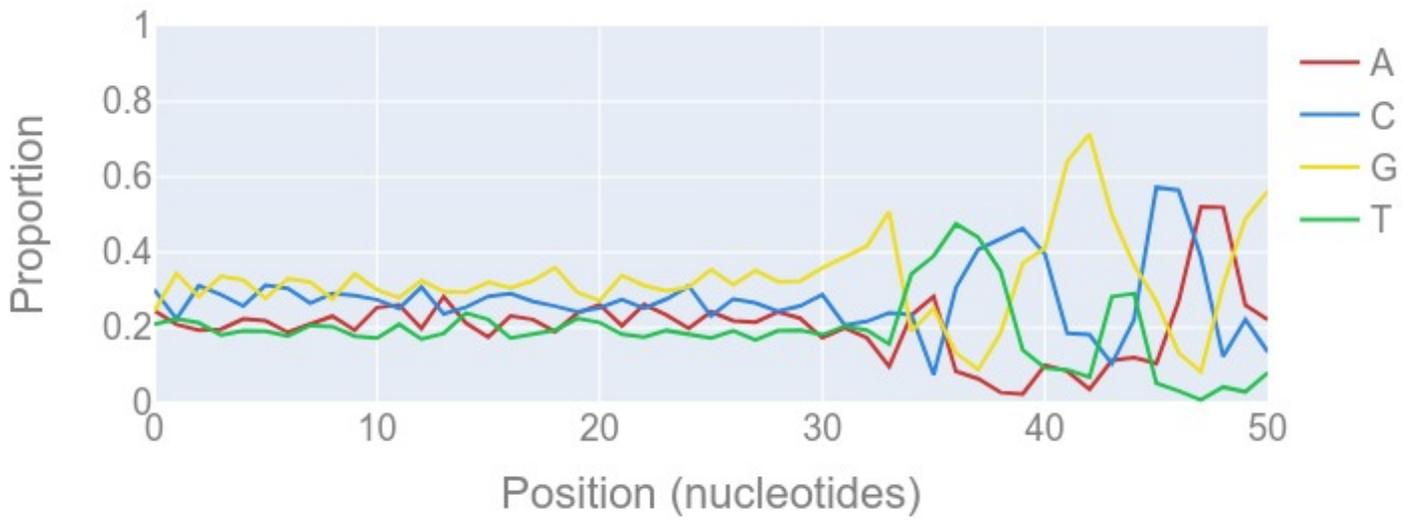


---

## Nucleotide Composition

Nucleotide composition of the reads

## Nucleotide Composition



---

## Read Length Distribution

Distribution of read lengths for the full dataset

## Read Length Distribution

