

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

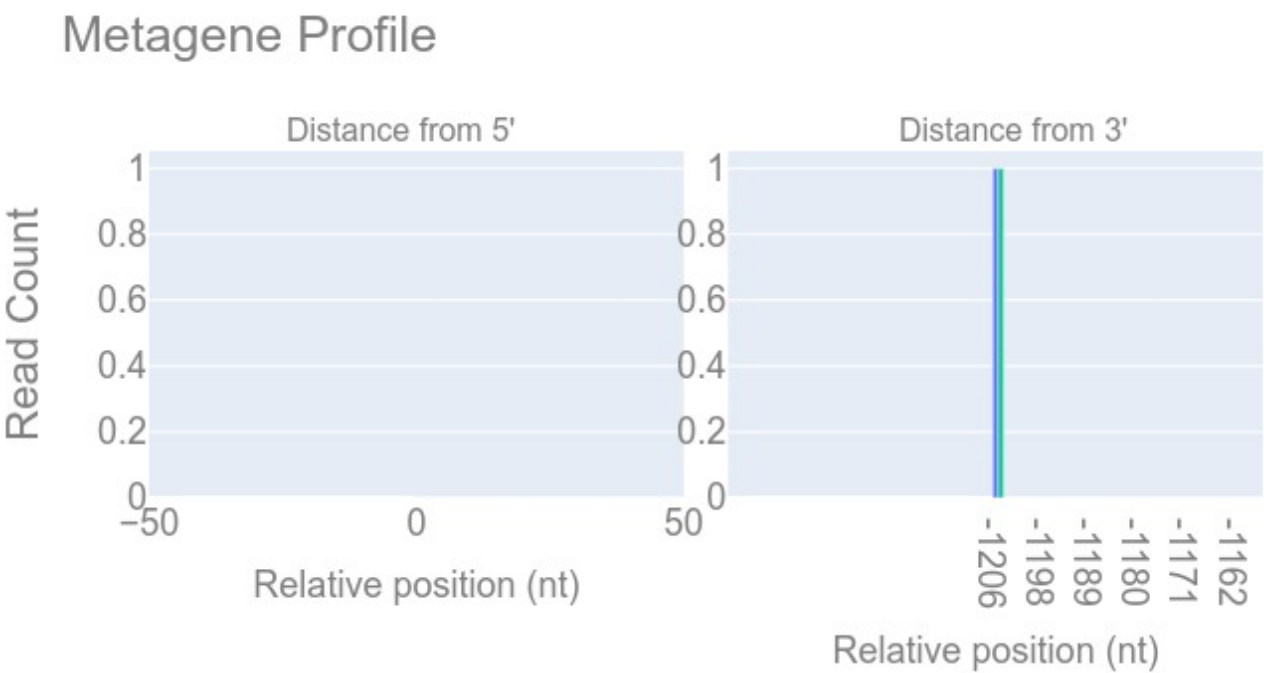
Frame distribution per read length

Read Frame Distribution



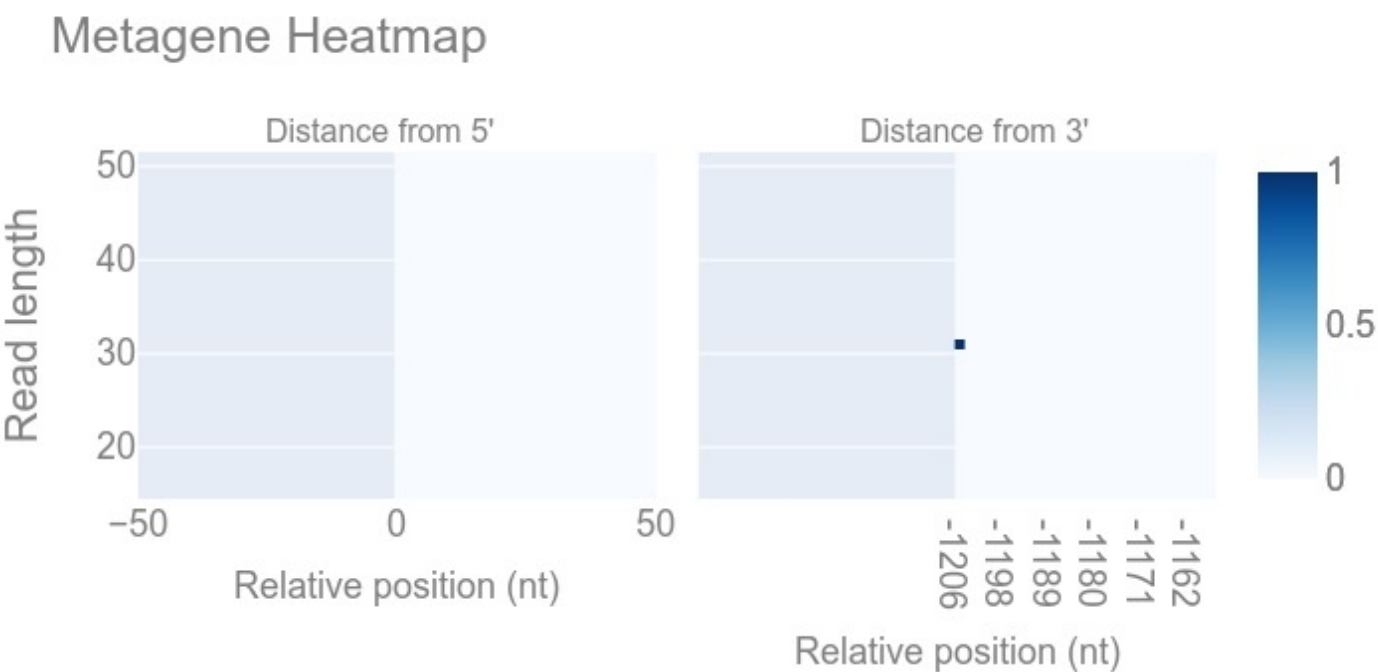
Metagene Profile

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



Metagene Heatmap

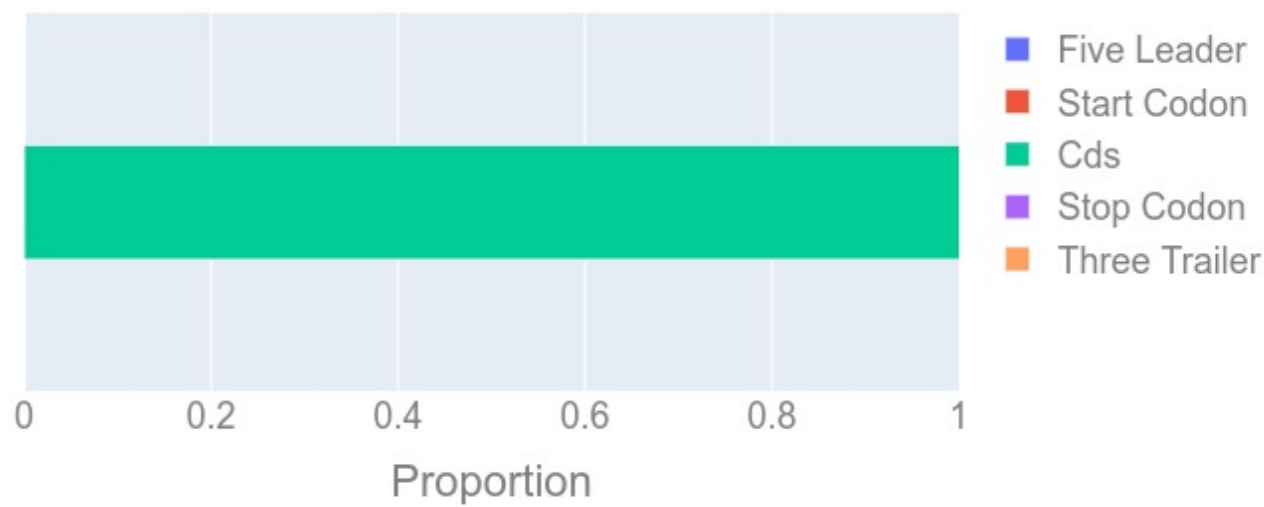
Metagene heatmap showing the distance between the A-site and a target per read length and the counts in colorscale.



mRNA Reads Breakdown

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

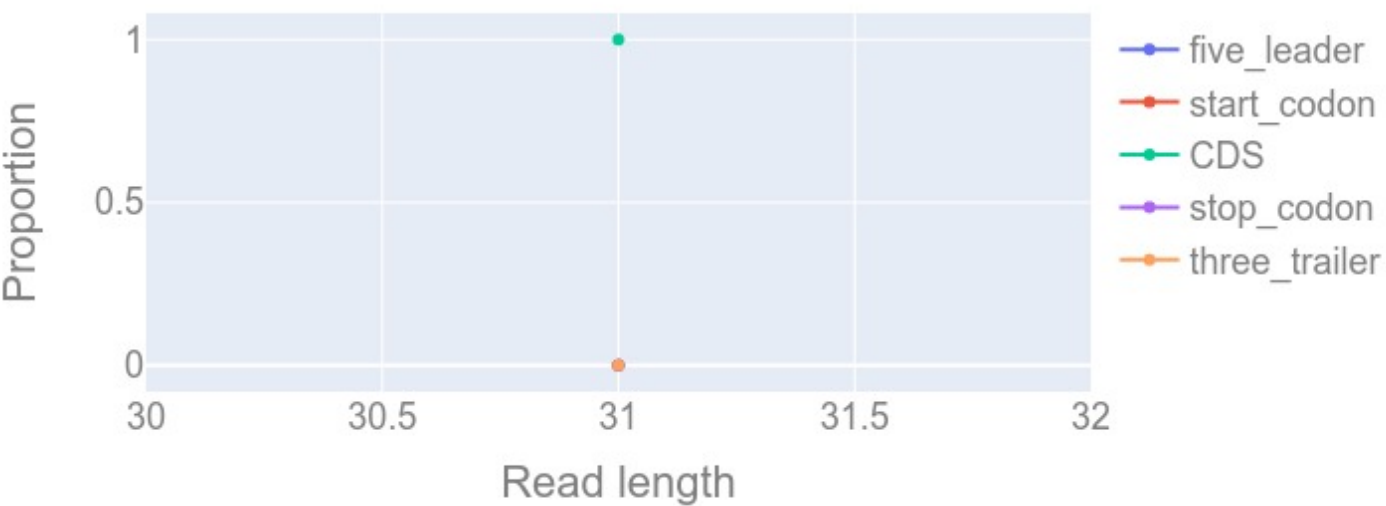
# mRNA Reads Breakdown



## mRNA Reads Breakdown over Read Length

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

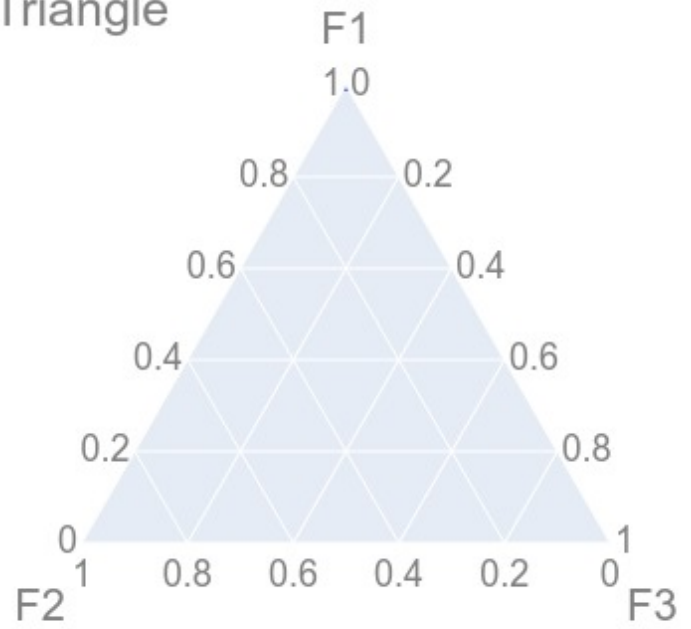
# Nucleotide Distribution



## Read Frame Triangle

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

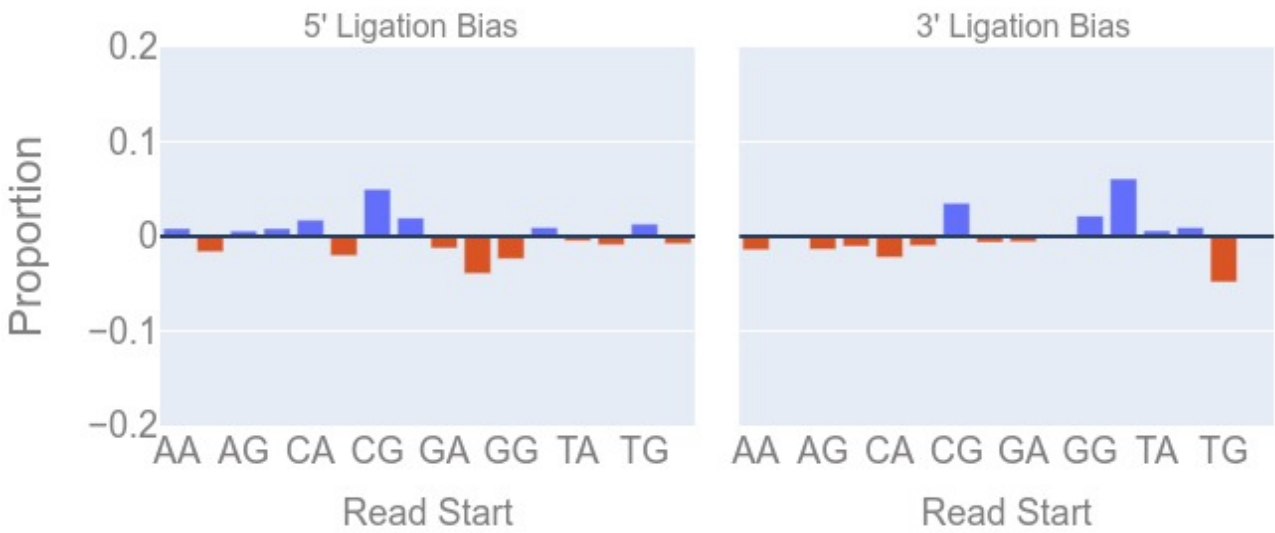
# Read Frame Triangle



## Ligation Bias Distribution

Distribution of end bases for the full dataset

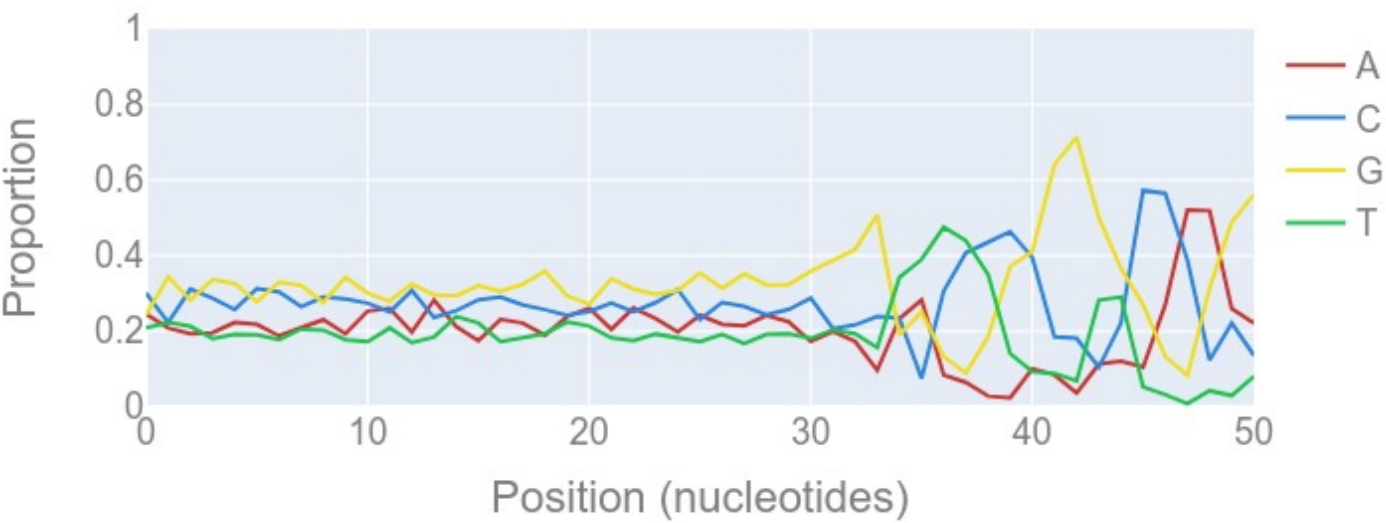
# Ligation Bias Distribution



## Nucleotide Composition

Nucleotide composition of the reads

# Nucleotide Composition



## Read Length Distribution

Distribution of read lengths for the full dataset

# Read Length Distribution

