

RiboMetric Report

Results from your RiboMetric analysis of transcriptome_collapsed.bam with gencode.v25.annotation_RiboMetric.tsv as annotation, completed at 16:55:44 09/06/2023

Summary Report

Read length distribution metric	0.312
Ligation bias distribution metric	0.231
3nt weighted score	0.07
3nt weighted score best 3 read lengths	0.015
Cds coverage metric	0.001

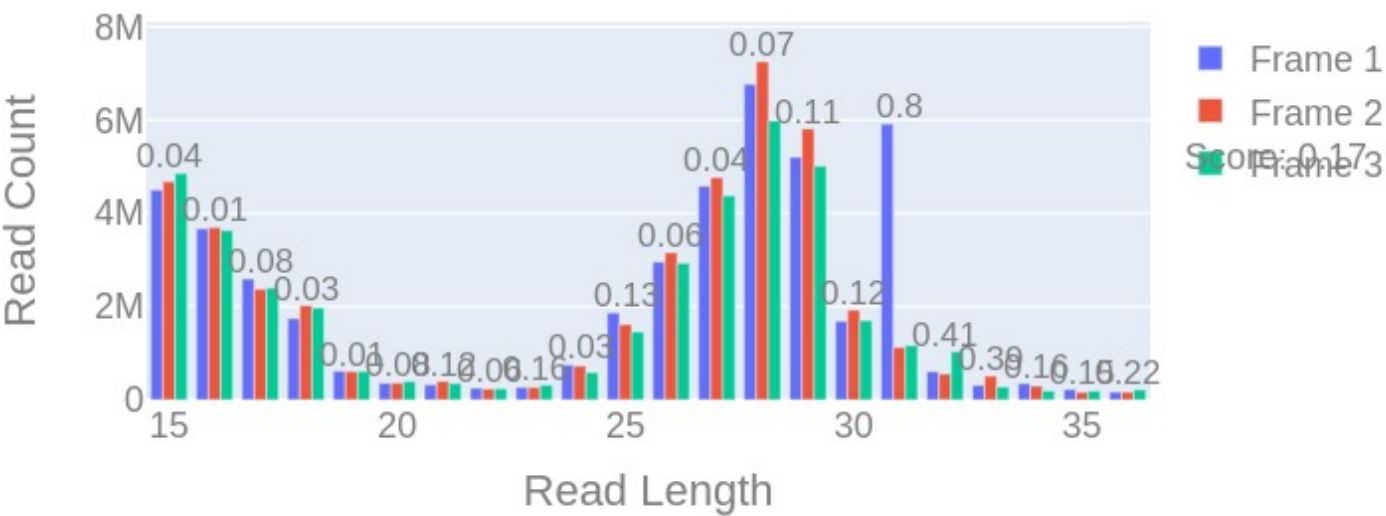
Summary Scores



Read Frame Distribution

Frame distribution per read length

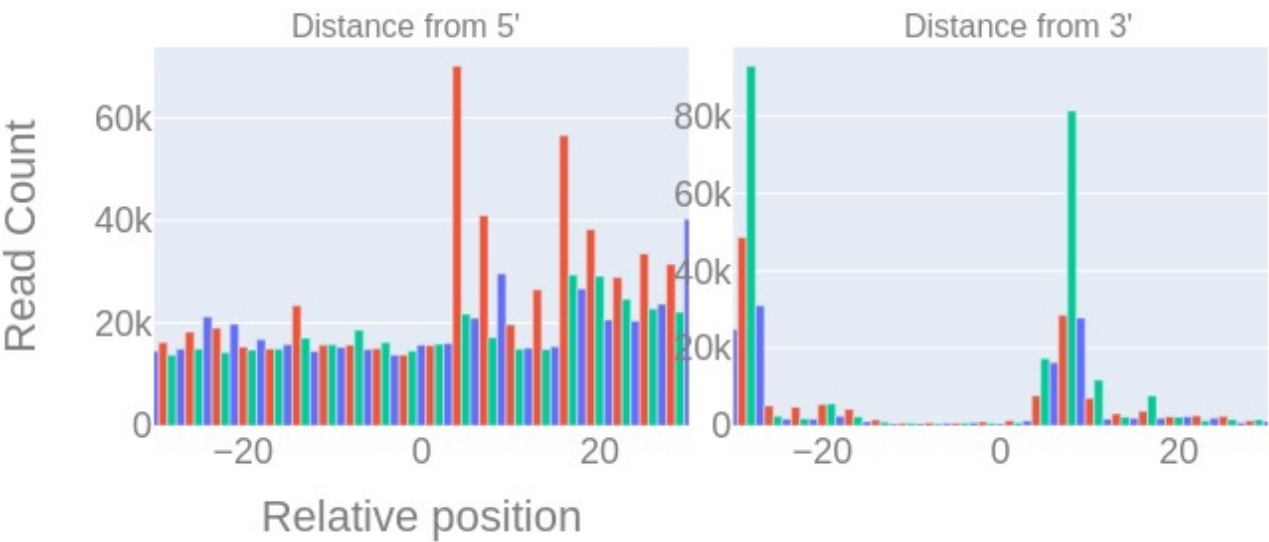
Read Frame Distribution



Metagene Profile

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

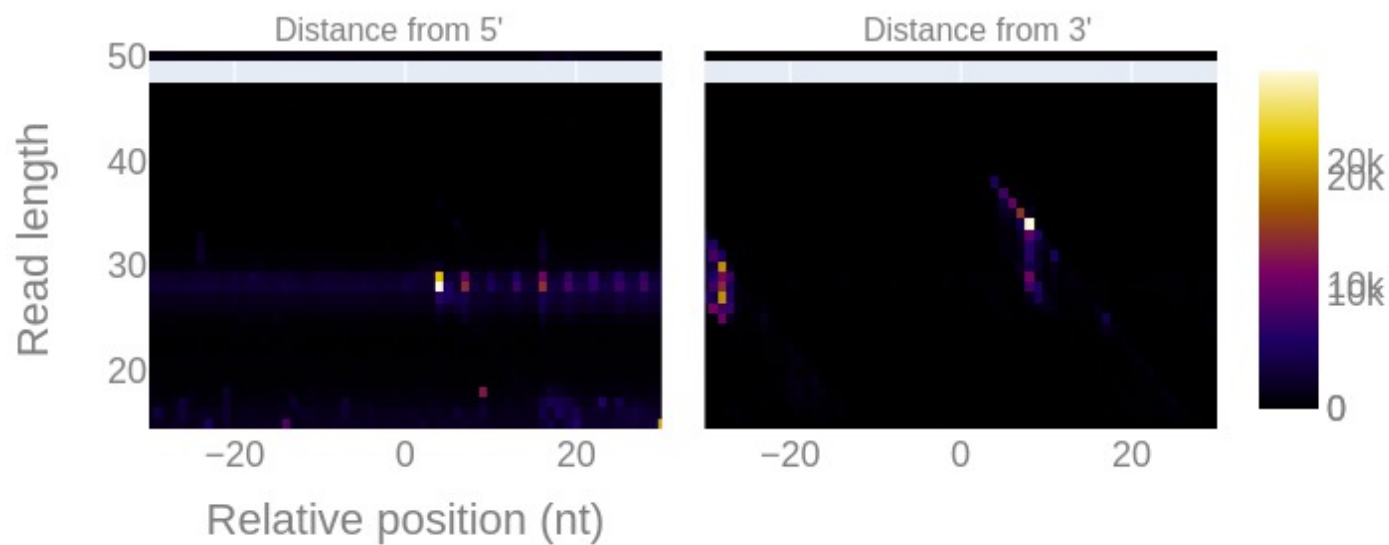
Metagene Profile



Metagene Heatmap

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

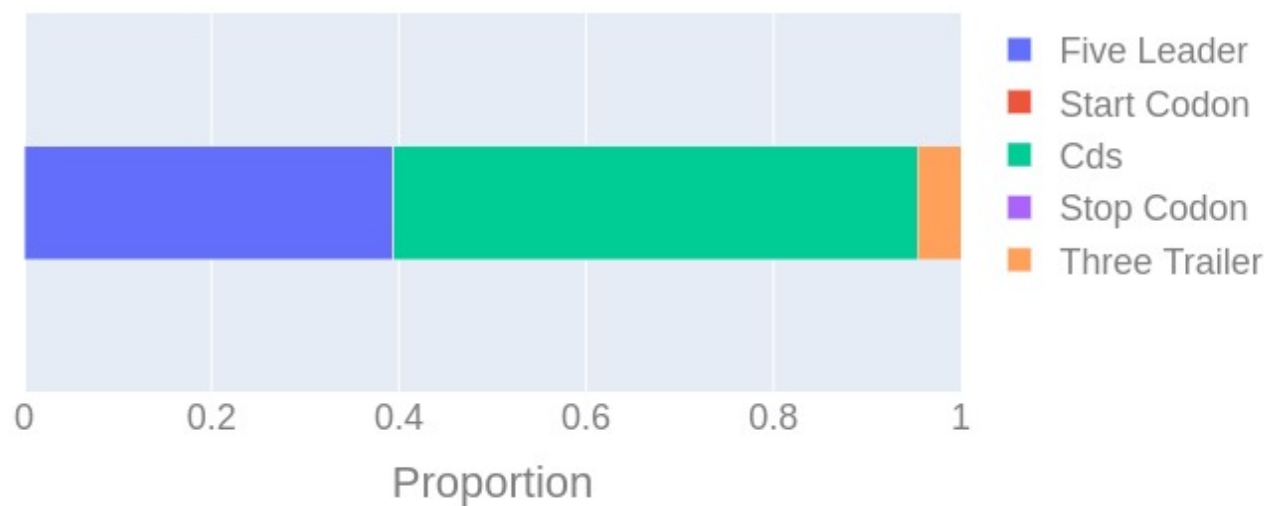
Metagene Heatmap



mRNA Reads Breakdown

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

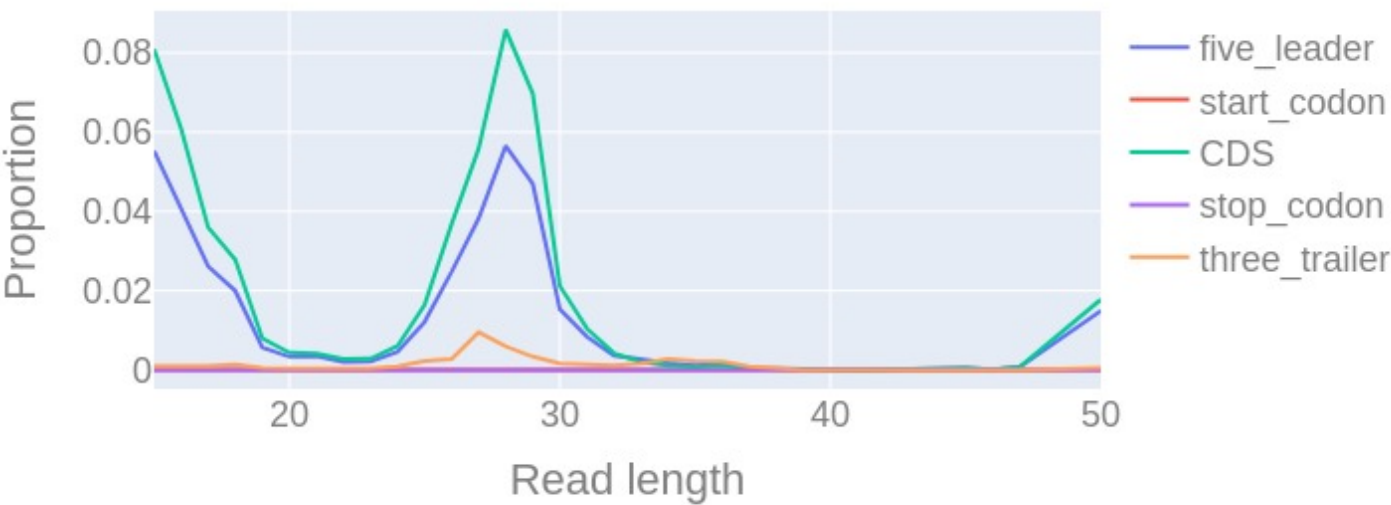
mRNA Reads Breakdown



mRNA Reads Breakdown over Read Length

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

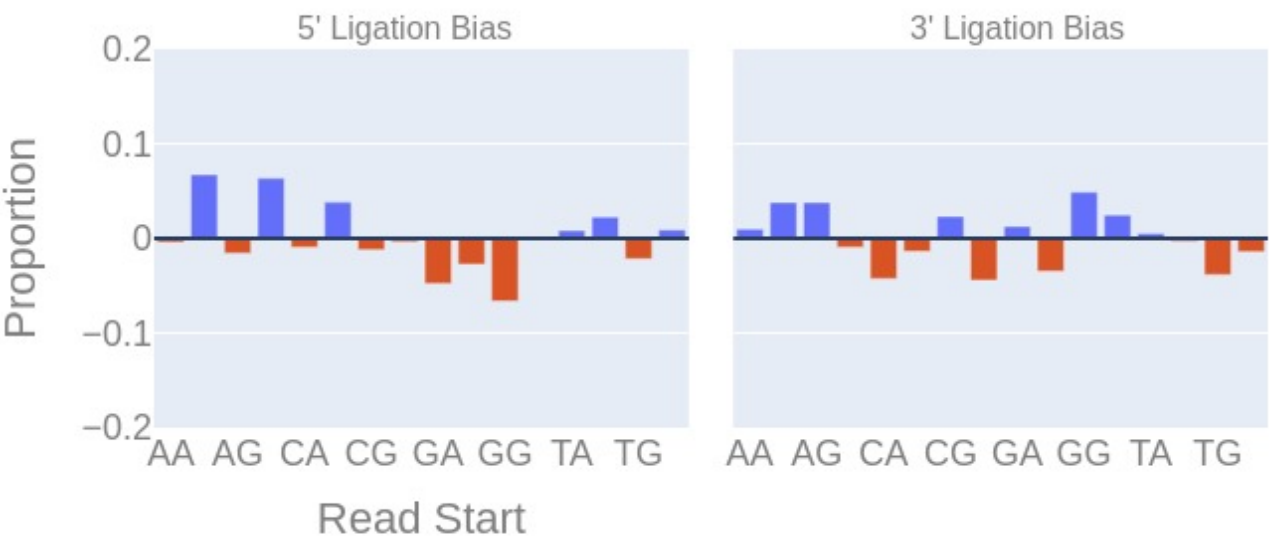
Nucleotide Distribution



Ligation Bias Distribution

Distribution of end bases for the full dataset

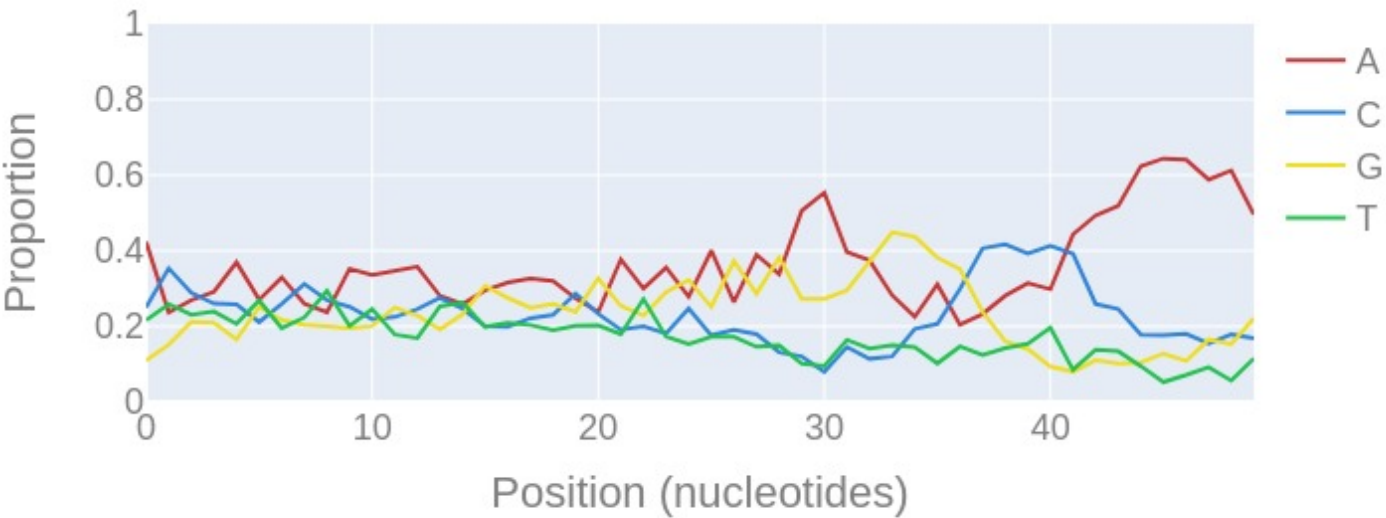
Ligation Bias Distribution



Nucleotide Composition

Nucleotide composition of the reads

Nucleotide Composition



Read Length Distribution

Distribution of read lengths for the full dataset

Read Length Distribution

