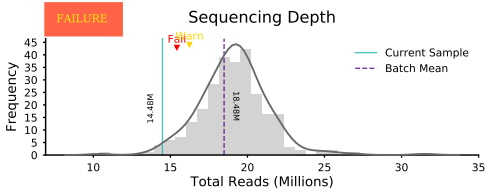
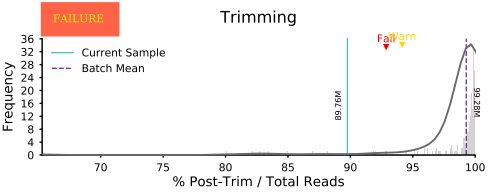
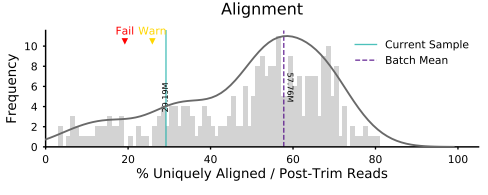
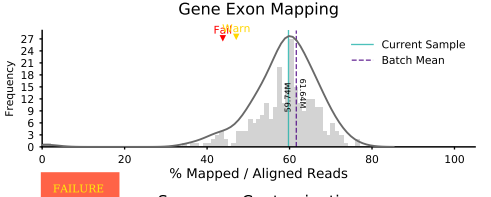
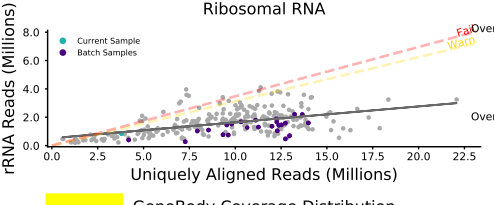
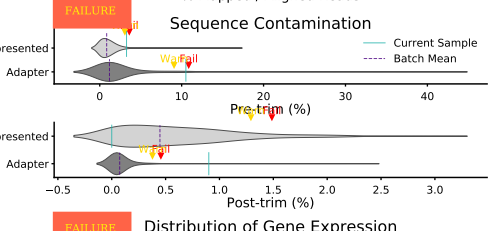

FAILURE
Sequencing Depth
Fail
Warn
Current Sample
Batch Mean
Frequency
14.48M
18.48M
Total Reads (Millions)

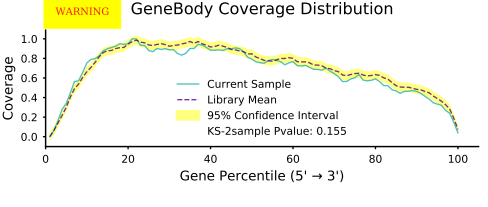

FAILURE
Trimming
Fail
Warn
Current Sample
Batch Mean
Frequency
89.76M
99.28M
% Post-Trim / Total Reads

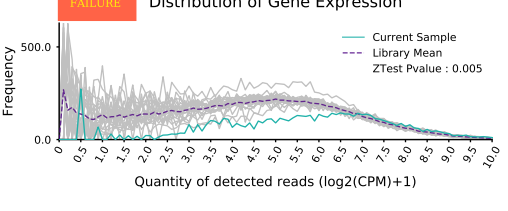

Alignment
Fail
Warn
Current Sample
Batch Mean
Frequency
20.19M
57.76M
% Uniquely Aligned / Post-Trim Reads


Gene Exon Mapping
Fail
Warn
Current Sample
Batch Mean
Frequency
59.74M
79.61M
% Mapped / Aligned Reads

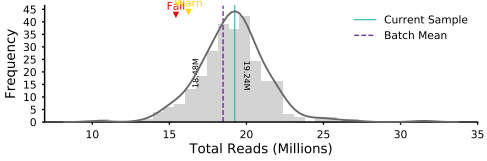

Ribosomal RNA
Current Sample
Batch Samples
Fail
Warn
rRNA Reads (Millions)
Uniquely Aligned Reads (Millions)


FAILURE
Sequence Contamination
Fail
Warn
Current Sample
Batch Mean
Overrepresented
Adapter
Pre-trim (%)
Post-trim (%)

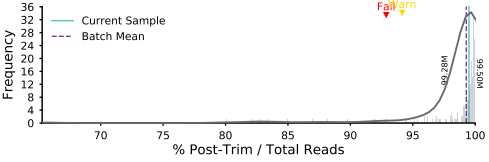

WARNING
GeneBody Coverage Distribution
Current Sample
Library Mean
95% Confidence Interval
KS-2sample Pvalue: 0.155
Coverage
Gene Percentile (5' → 3')


FAILURE
Distribution of Gene Expression
Current Sample
Library Mean
ZTest Pvalue : 0.005
Frequency
Quantity of detected reads (log2(CPM)+1)

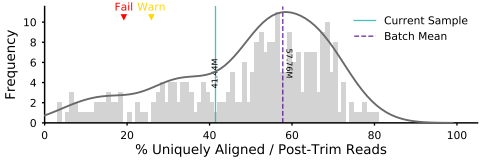
Sequencing Depth



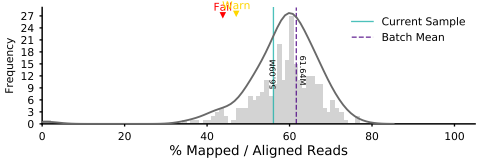
Trimming



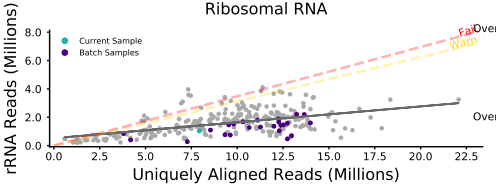
Alignment



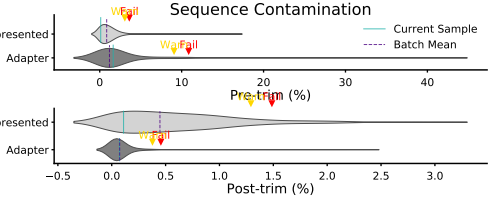
Gene Exon Mapping



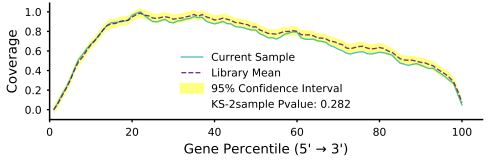
Ribosomal RNA



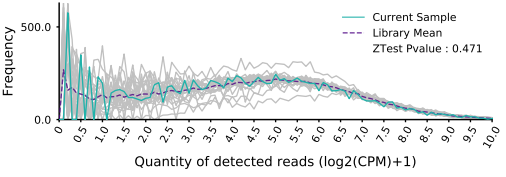
Sequence Contamination



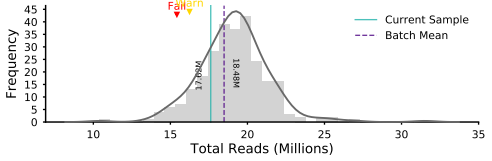
GeneBody Coverage Distribution



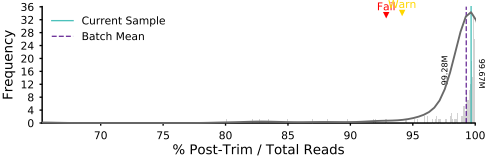
Distribution of Gene Expression



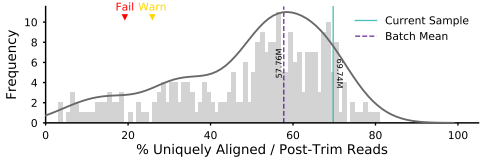
Sequencing Depth



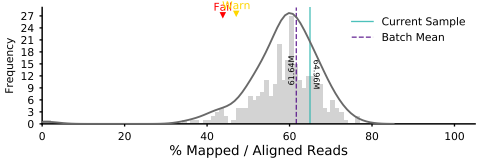
Trimming



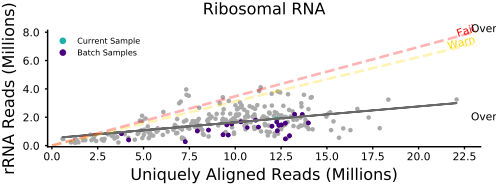
Alignment



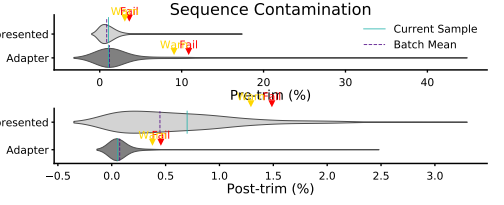
Gene Exon Mapping



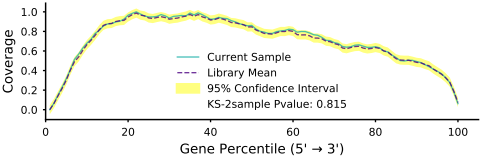
Ribosomal RNA



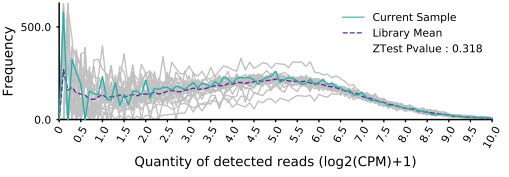
Sequence Contamination



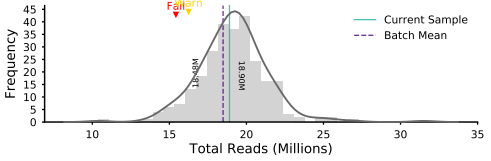
GeneBody Coverage Distribution



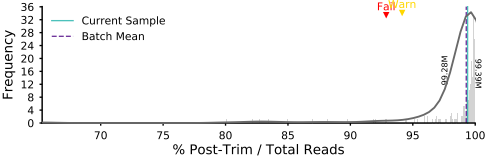
Distribution of Gene Expression



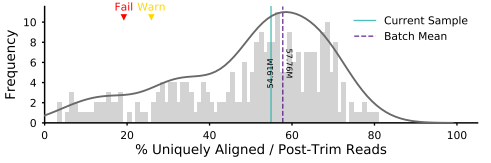
Sequencing Depth



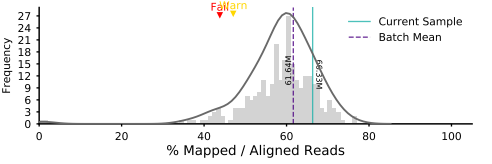
Trimming



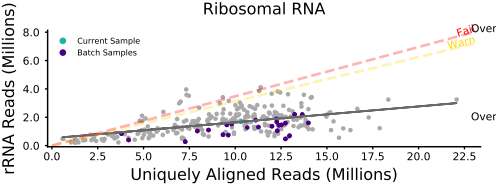
Alignment



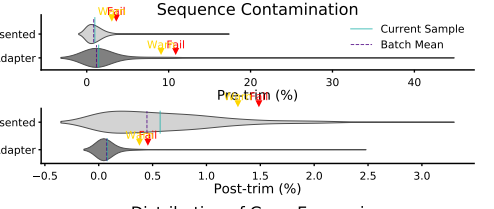
Gene Exon Mapping



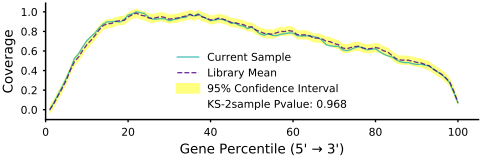
Ribosomal RNA



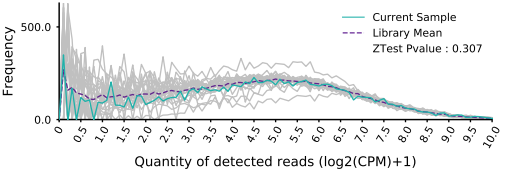
Sequence Contamination



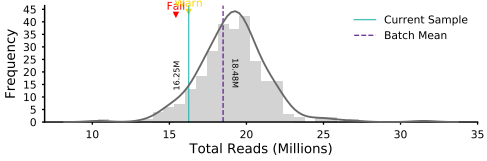
GeneBody Coverage Distribution



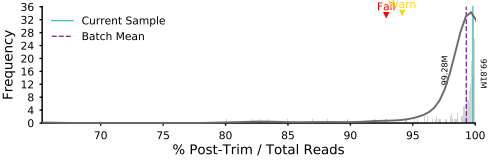
Distribution of Gene Expression



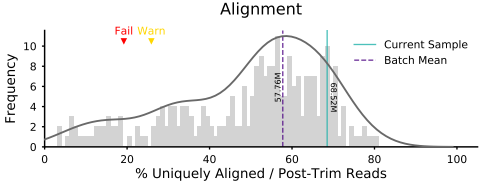
Sequencing Depth



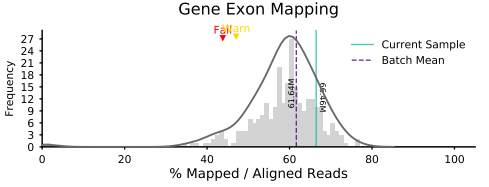
Trimming



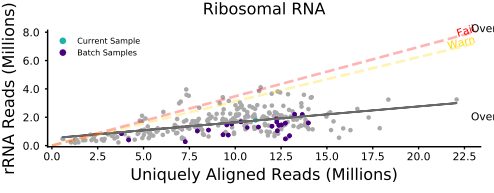
Alignment



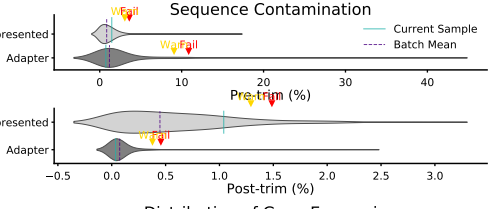
Gene Exon Mapping



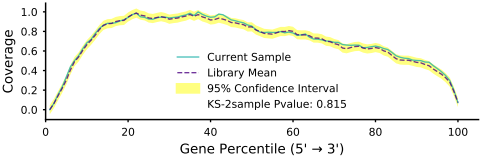
Ribosomal RNA



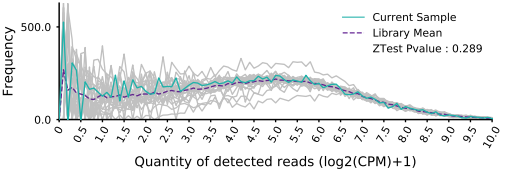
Sequence Contamination



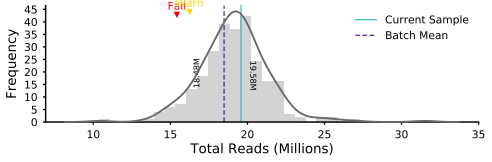
GeneBody Coverage Distribution



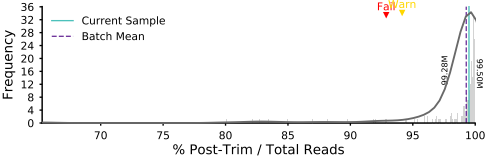
Distribution of Gene Expression



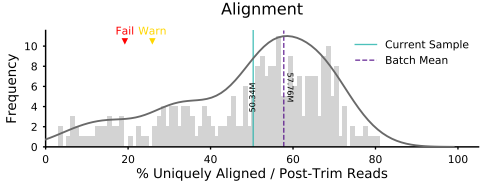
Sequencing Depth



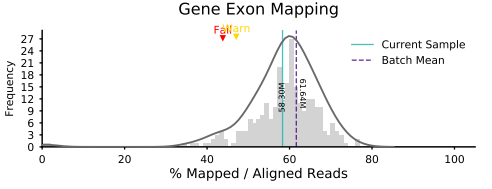
Trimming



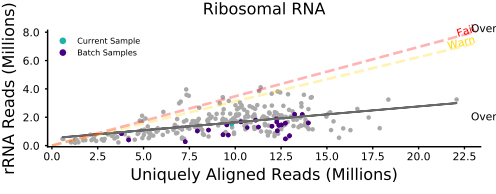
Alignment



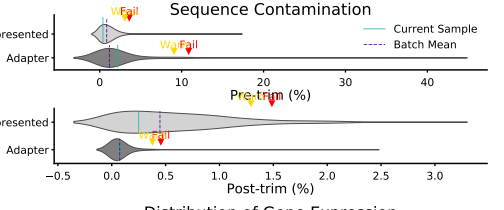
Gene Exon Mapping



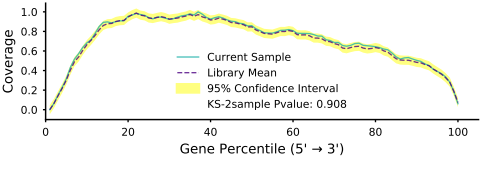
Ribosomal RNA



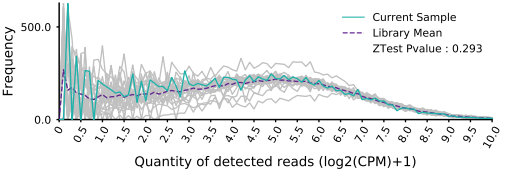
Sequence Contamination



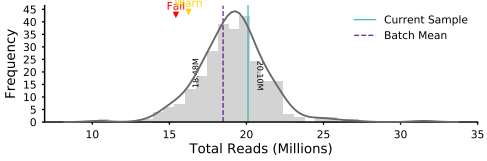
GeneBody Coverage Distribution



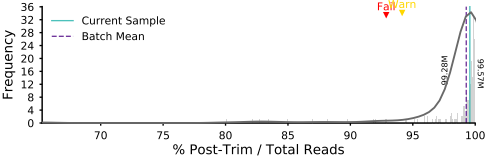
Distribution of Gene Expression



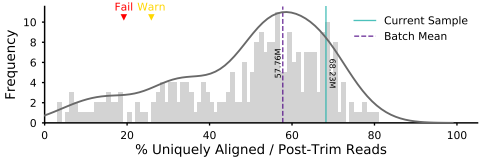
Sequencing Depth



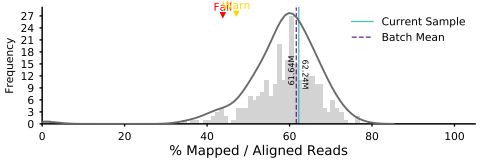
Trimming



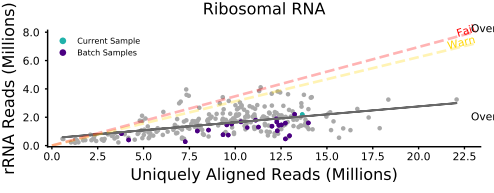
Alignment



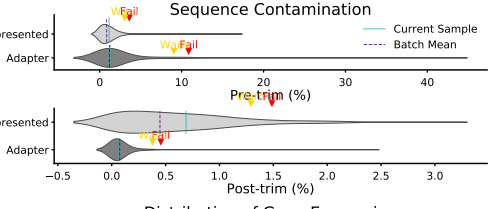
Gene Exon Mapping



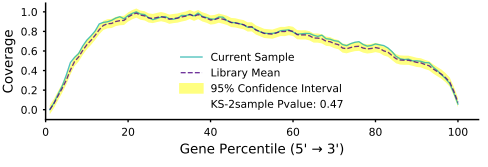
Ribosomal RNA



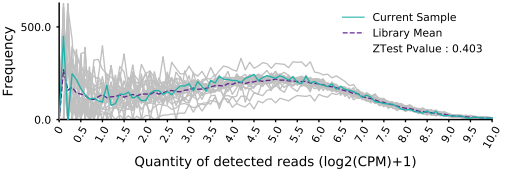
Sequence Contamination



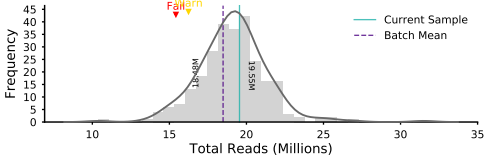
GeneBody Coverage Distribution



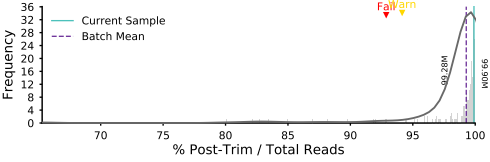
Distribution of Gene Expression



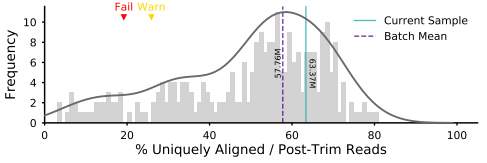
Sequencing Depth



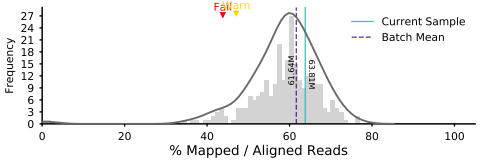
Trimming



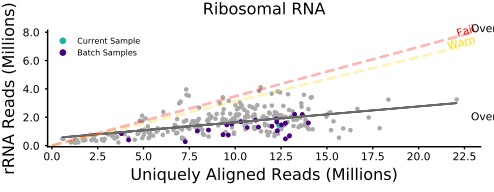
Alignment



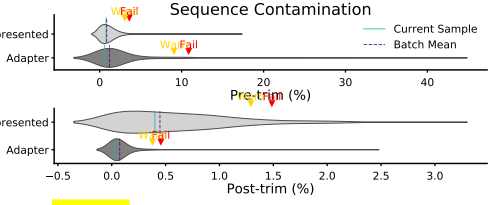
Gene Exon Mapping



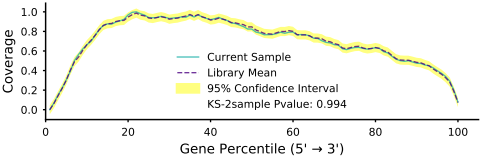
Ribosomal RNA



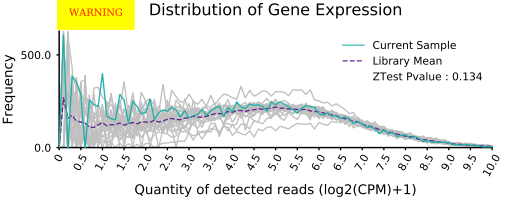
Sequence Contamination



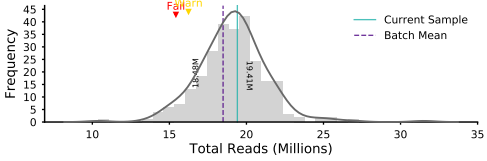
GeneBody Coverage Distribution



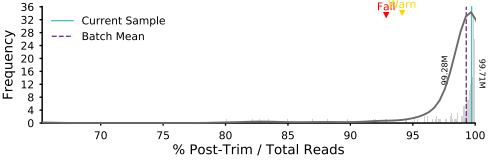
Distribution of Gene Expression



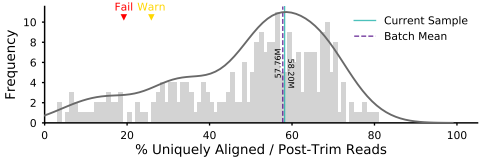
Sequencing Depth



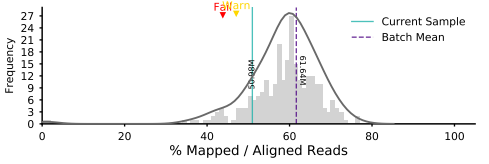
Trimming



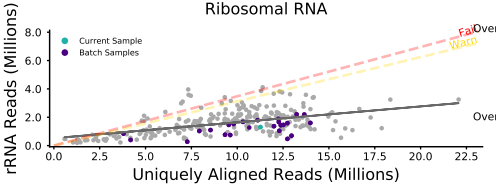
Alignment



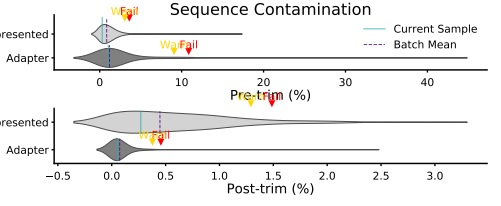
Gene Exon Mapping



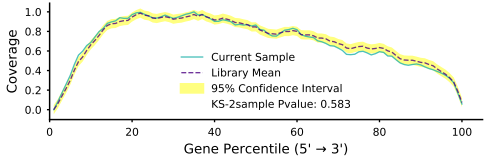
Ribosomal RNA



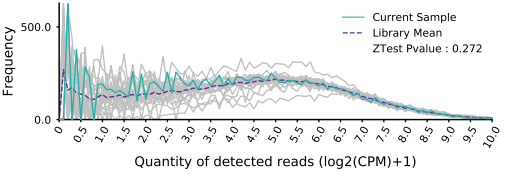
Sequence Contamination



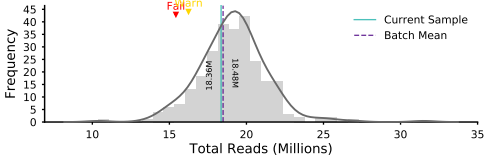
GeneBody Coverage Distribution



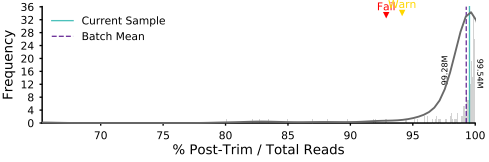
Distribution of Gene Expression



Sequencing Depth

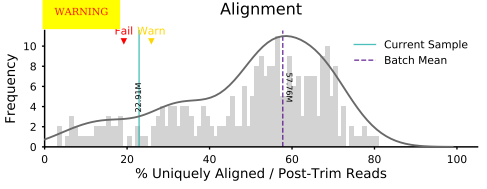


Trimming



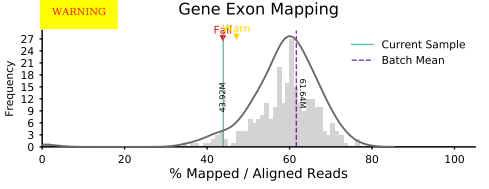
WARNING

Alignment

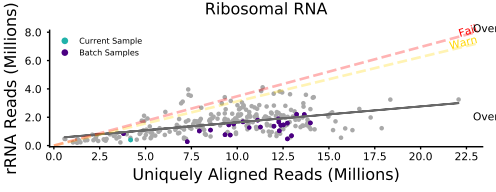


WARNING

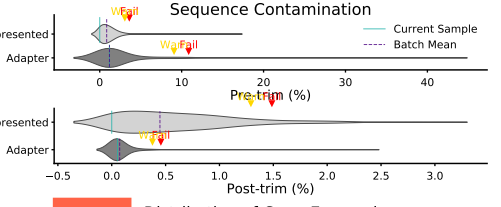
Gene Exon Mapping



Ribosomal RNA

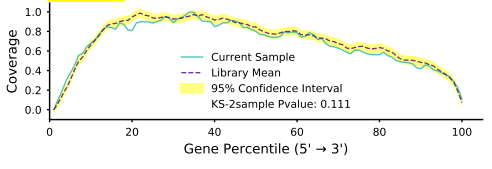


Sequence Contamination



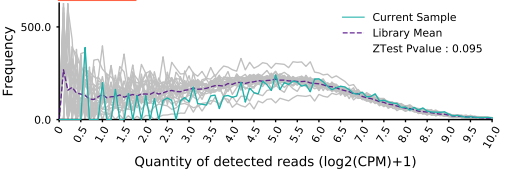
WARNING

GeneBody Coverage Distribution

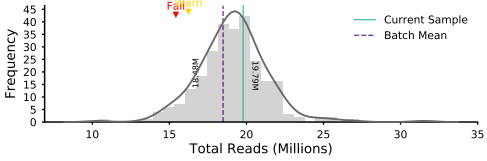


FAILURE

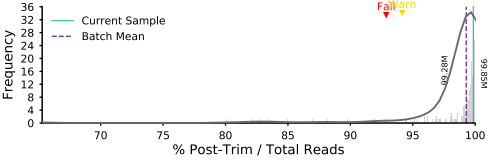
Distribution of Gene Expression



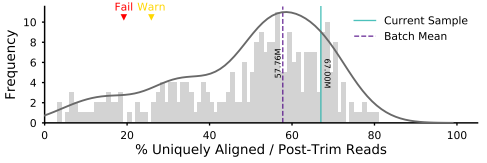
Sequencing Depth



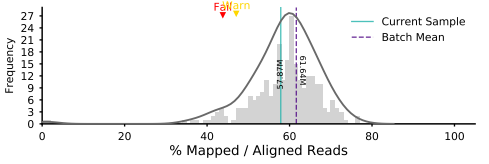
Trimming



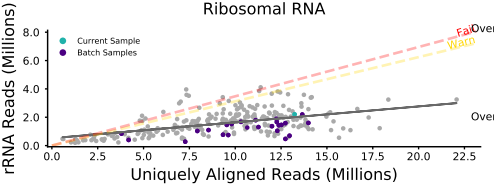
Alignment



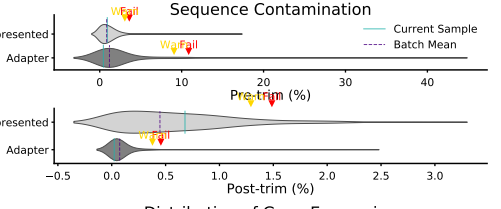
Gene Exon Mapping



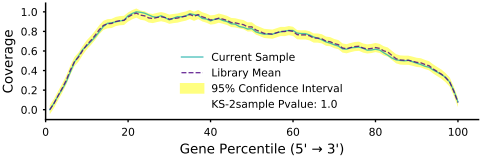
Ribosomal RNA



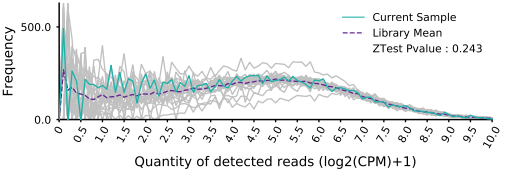
Sequence Contamination



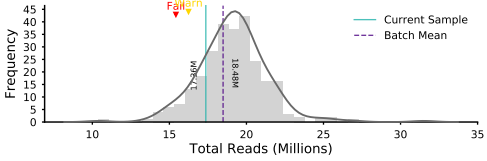
GeneBody Coverage Distribution



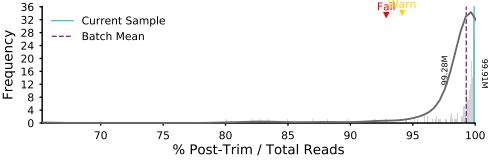
Distribution of Gene Expression



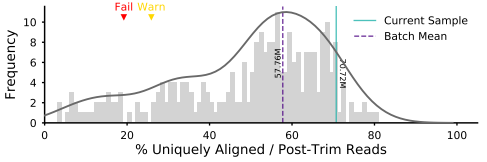
Sequencing Depth



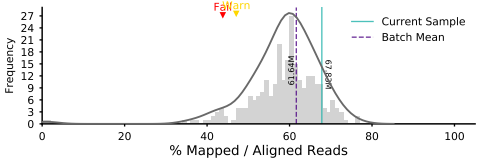
Trimming



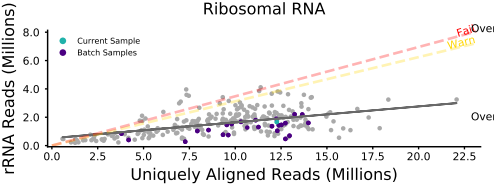
Alignment



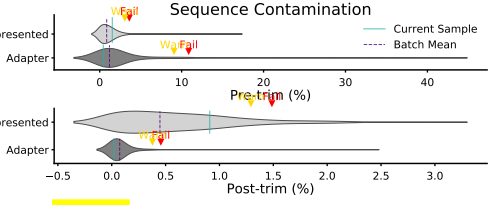
Gene Exon Mapping



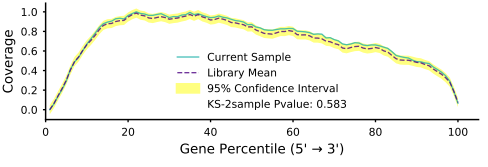
Ribosomal RNA



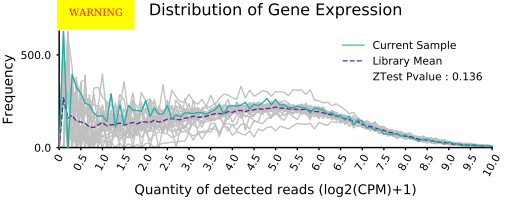
Sequence Contamination



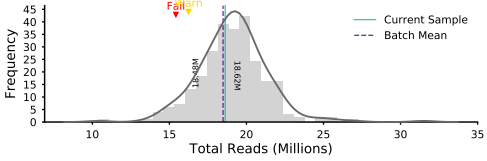
GeneBody Coverage Distribution



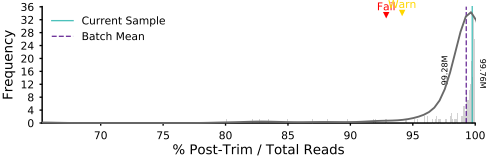
Distribution of Gene Expression



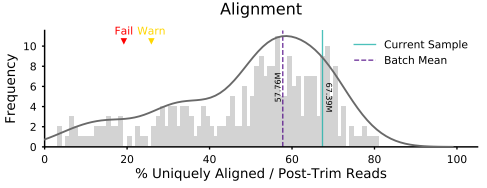
Sequencing Depth



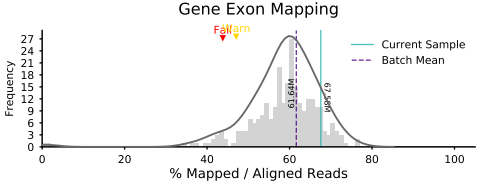
Trimming



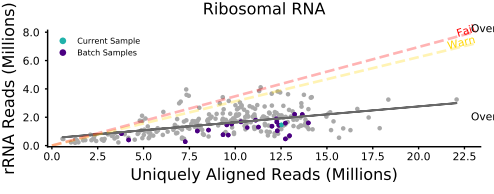
Alignment



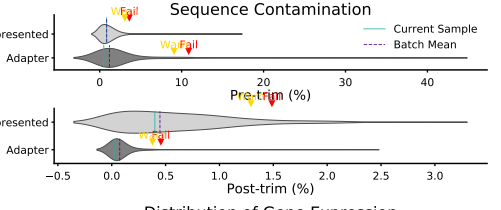
Gene Exon Mapping



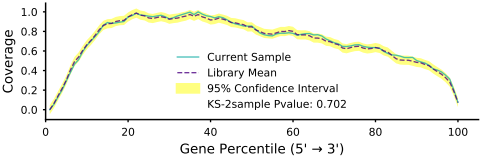
Ribosomal RNA



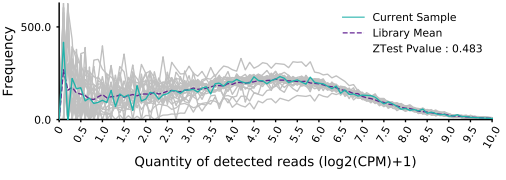
Sequence Contamination



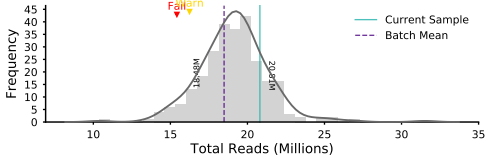
GeneBody Coverage Distribution



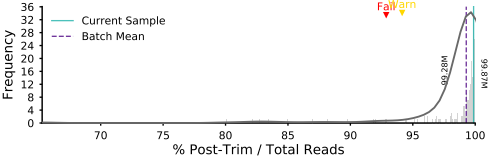
Distribution of Gene Expression



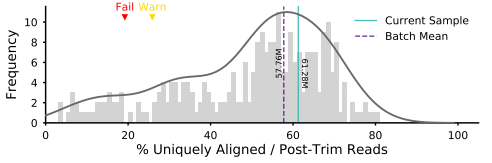
Sequencing Depth



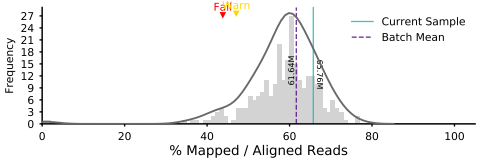
Trimming



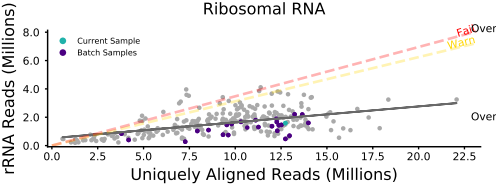
Alignment



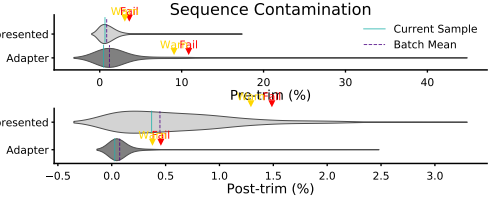
Gene Exon Mapping



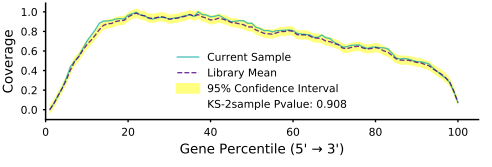
Ribosomal RNA



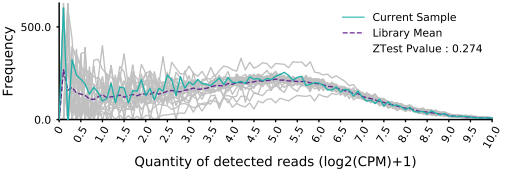
Sequence Contamination



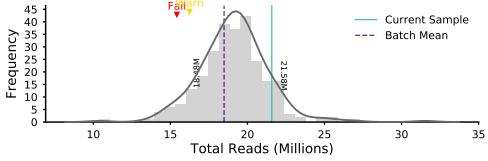
GeneBody Coverage Distribution



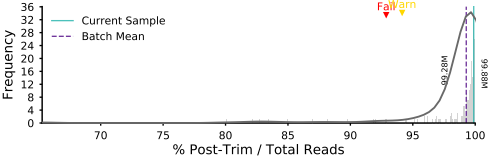
Distribution of Gene Expression



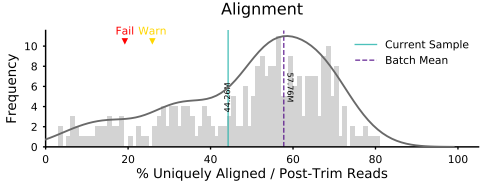
Sequencing Depth



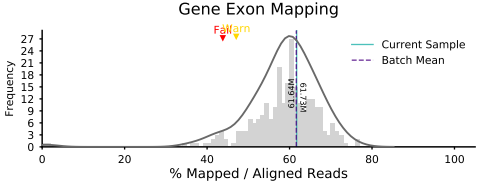
Trimming



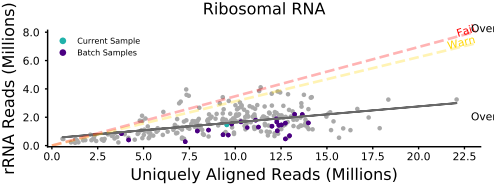
Alignment



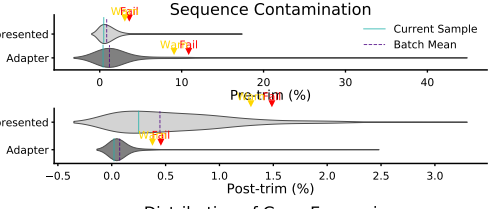
Gene Exon Mapping



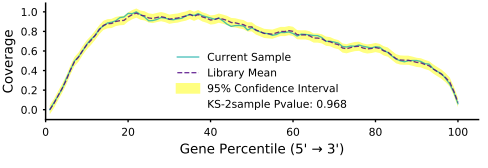
Ribosomal RNA



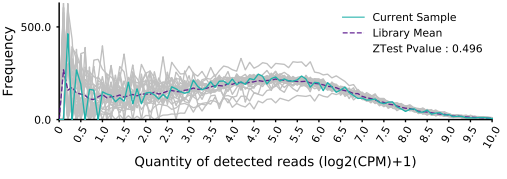
Sequence Contamination



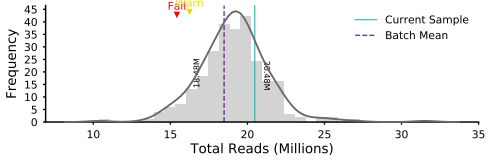
GeneBody Coverage Distribution



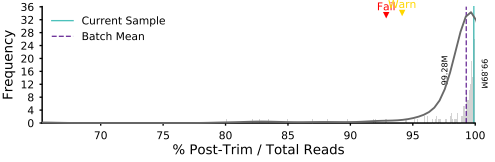
Distribution of Gene Expression



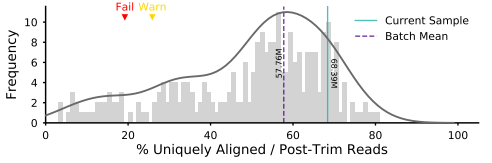
Sequencing Depth



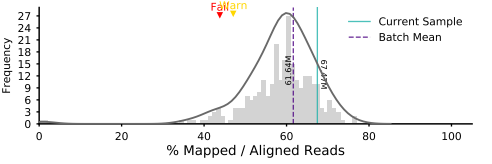
Trimming



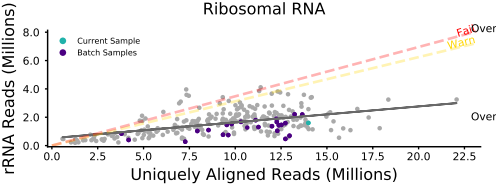
Alignment



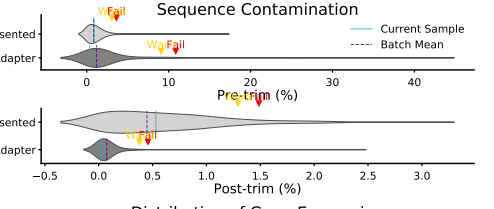
Gene Exon Mapping



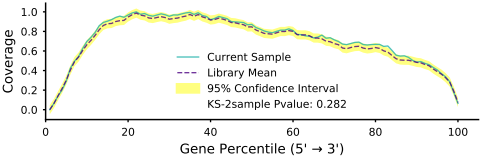
Ribosomal RNA



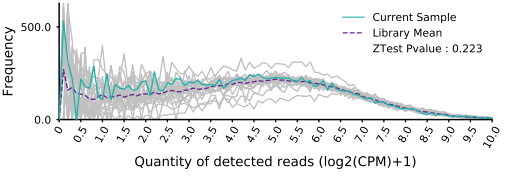
Sequence Contamination



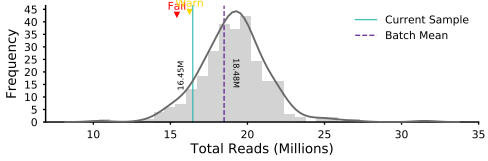
GeneBody Coverage Distribution



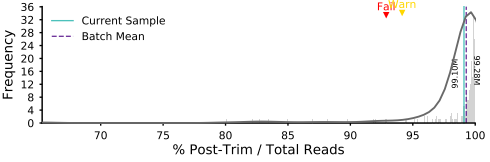
Distribution of Gene Expression



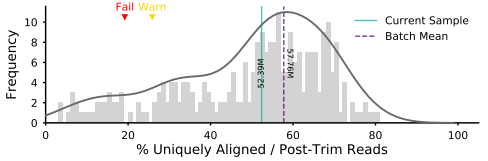
Sequencing Depth



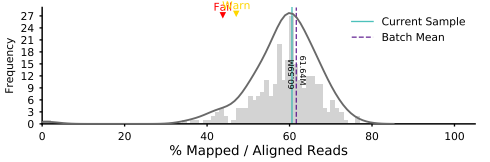
Trimming



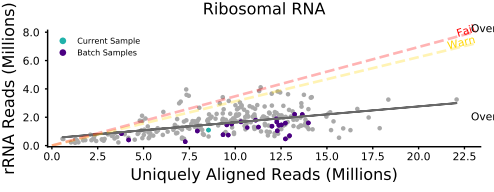
Alignment



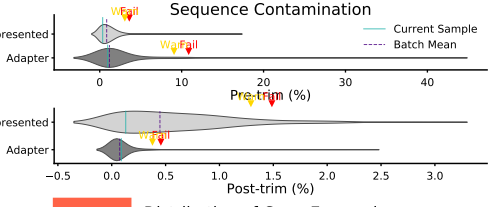
Gene Exon Mapping



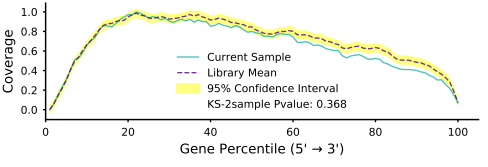
Ribosomal RNA



Sequence Contamination

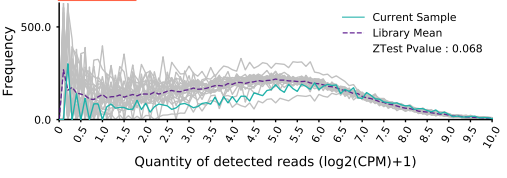


GeneBody Coverage Distribution

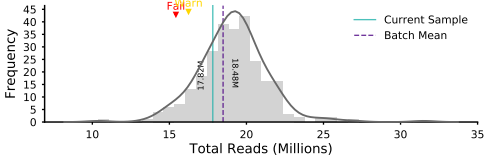


Distribution of Gene Expression

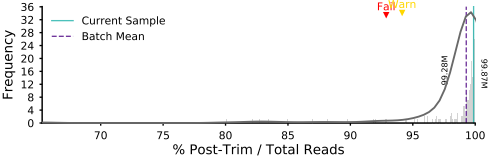
FAILURE



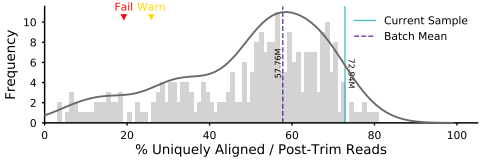
Sequencing Depth



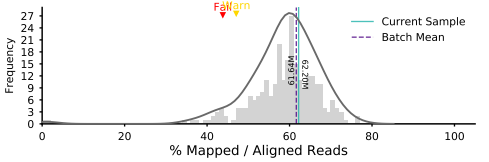
Trimming



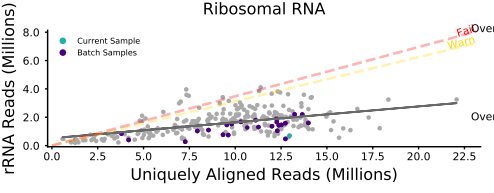
Alignment



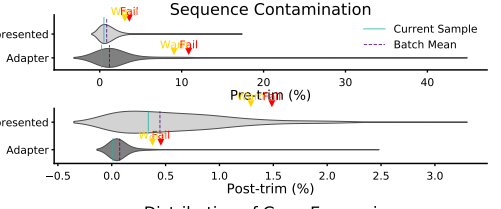
Gene Exon Mapping



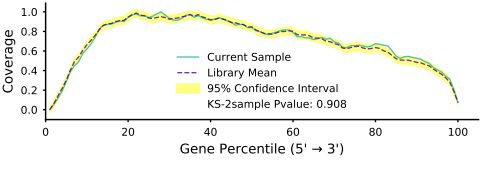
Ribosomal RNA



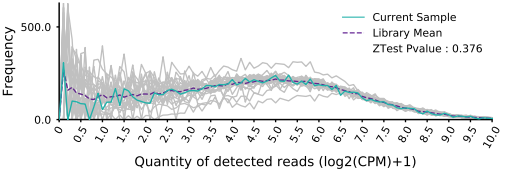
Sequence Contamination



GeneBody Coverage Distribution

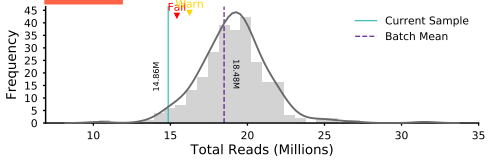


Distribution of Gene Expression

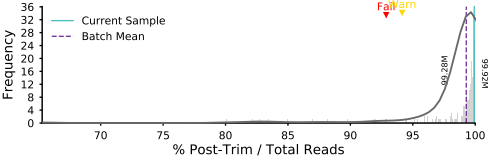


FAILURE

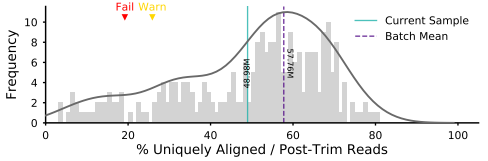
Sequencing Depth



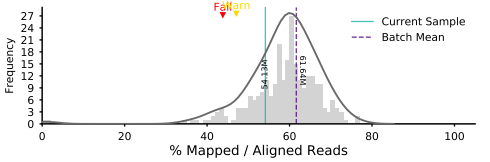
Trimming



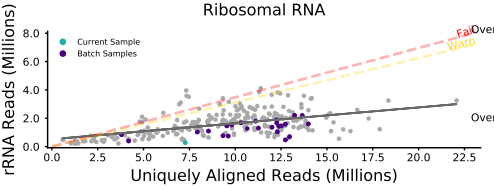
Alignment



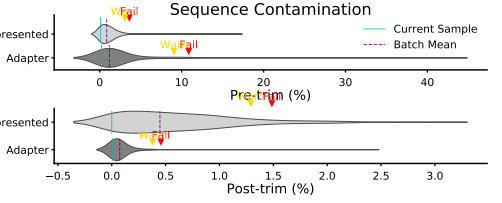
Gene Exon Mapping



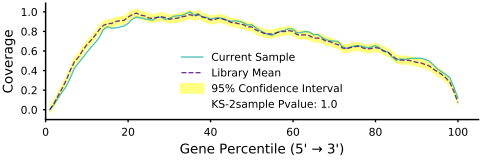
Ribosomal RNA



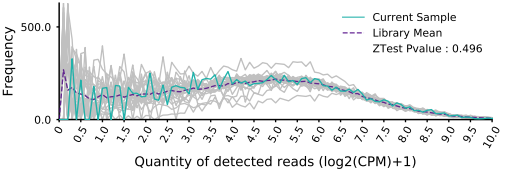
Sequence Contamination



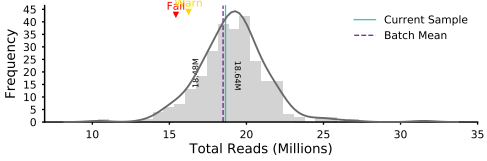
GeneBody Coverage Distribution



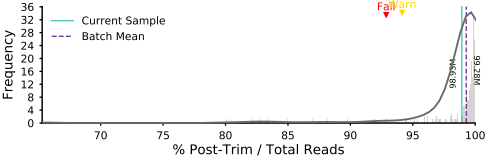
Distribution of Gene Expression



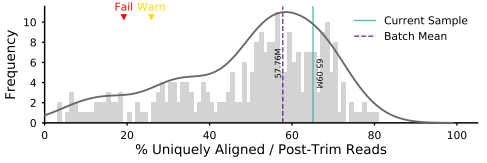
Sequencing Depth



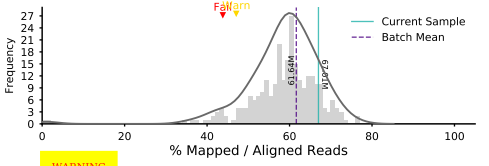
Trimming



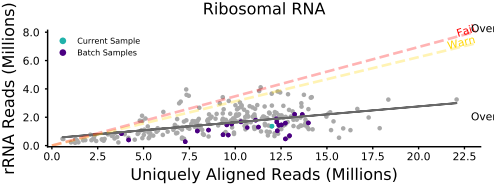
Alignment



Gene Exon Mapping

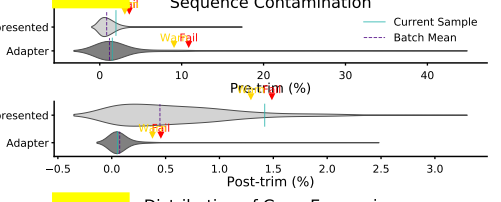


Ribosomal RNA

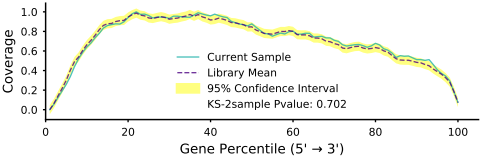


WARNING

Sequence Contamination

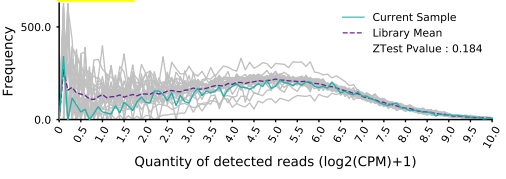


GeneBody Coverage Distribution

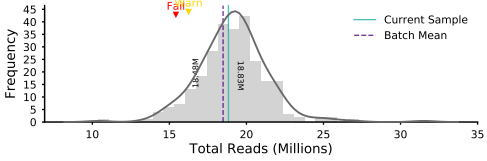


WARNING

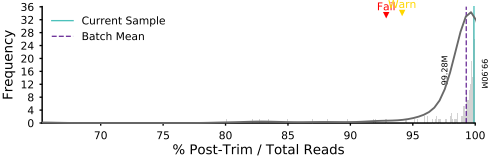
Distribution of Gene Expression



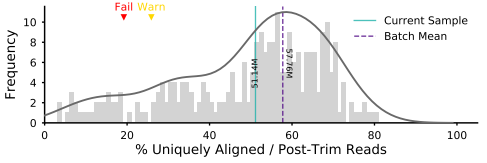
Sequencing Depth



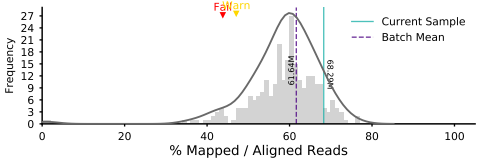
Trimming



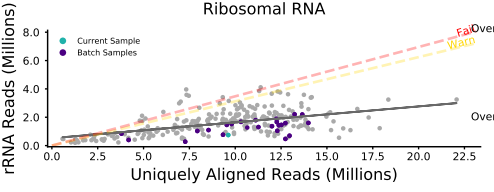
Alignment



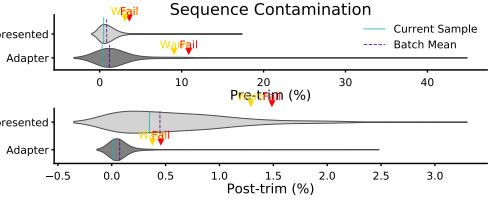
Gene Exon Mapping



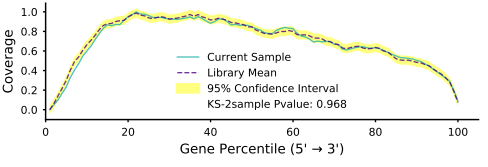
Ribosomal RNA



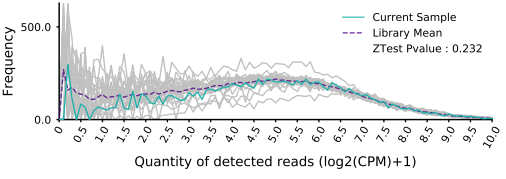
Sequence Contamination



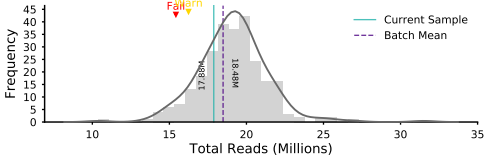
GeneBody Coverage Distribution



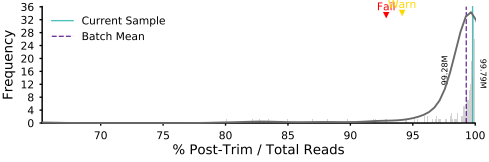
Distribution of Gene Expression



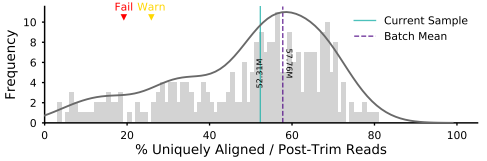
Sequencing Depth



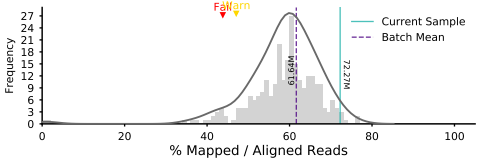
Trimming



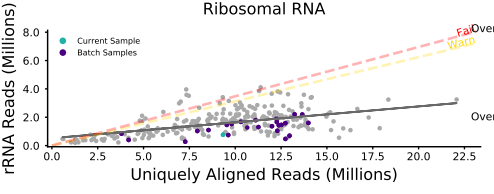
Alignment



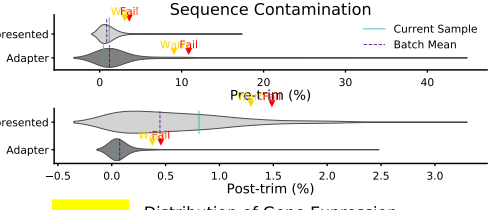
Gene Exon Mapping



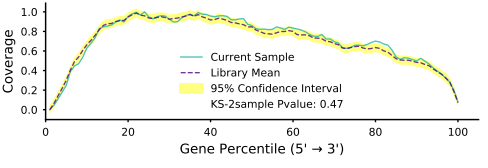
Ribosomal RNA



Sequence Contamination

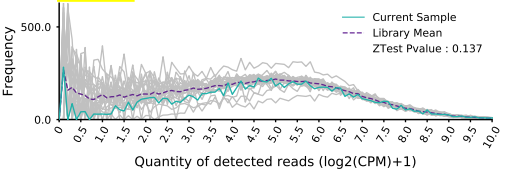


GeneBody Coverage Distribution

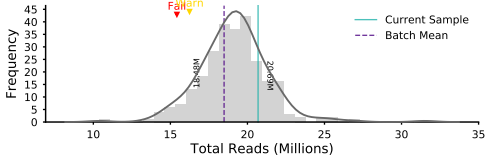


Distribution of Gene Expression

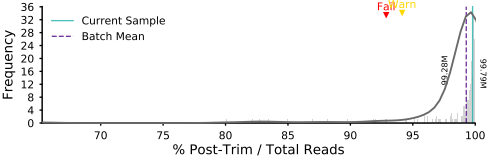
WARNING



Sequencing Depth



Trimming



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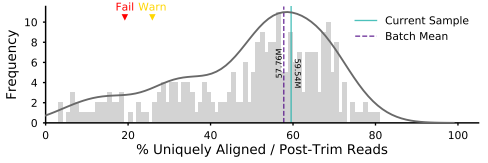
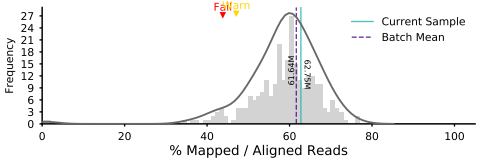
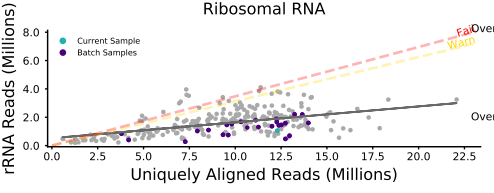


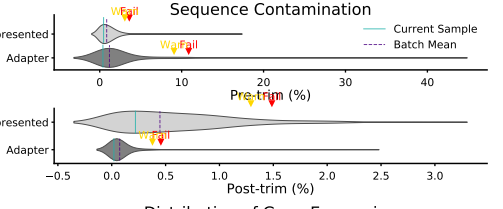
Gene Exon Mapping



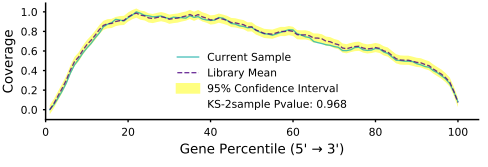
Ribosomal RNA



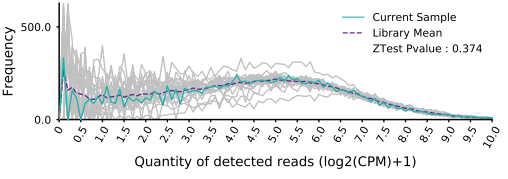
Sequence Contamination



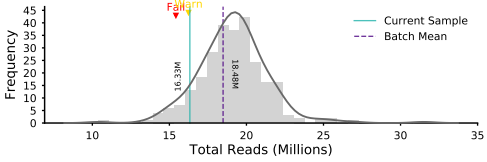
GeneBody Coverage Distribution



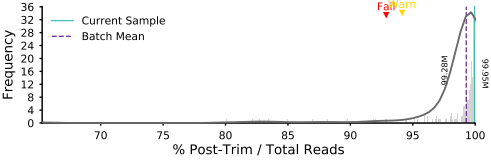
Distribution of Gene Expression



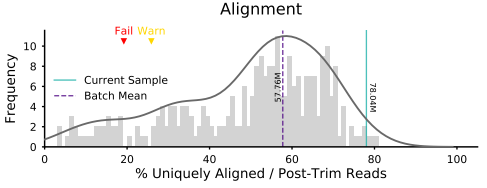
Sequencing Depth



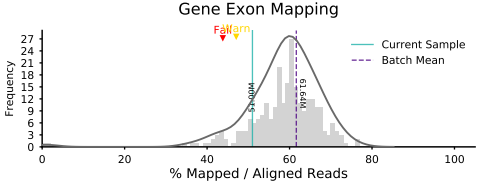
Trimming



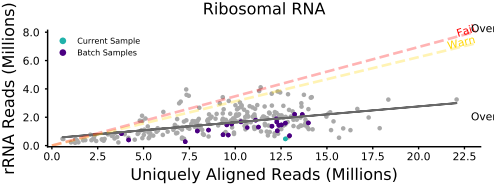
Alignment



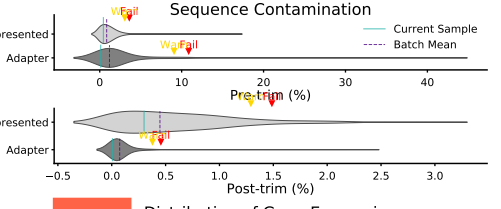
Gene Exon Mapping



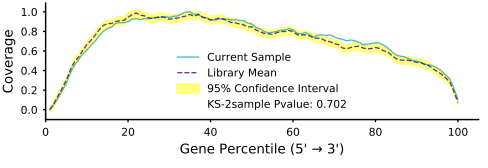
Ribosomal RNA



Sequence Contamination

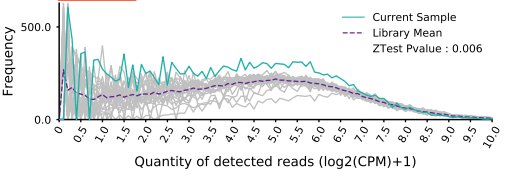


GeneBody Coverage Distribution

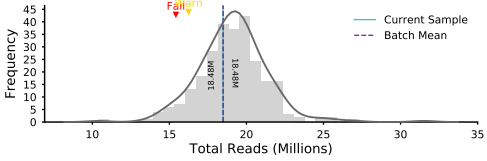


Distribution of Gene Expression

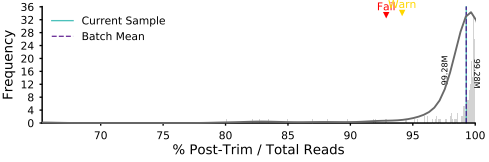
FAILURE



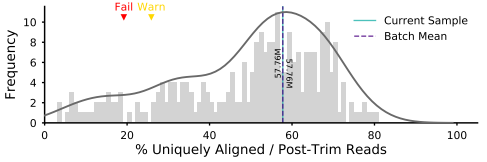
Sequencing Depth



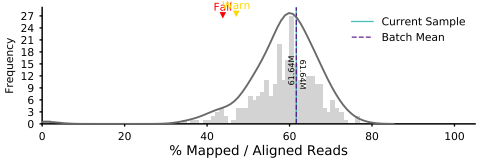
Trimming



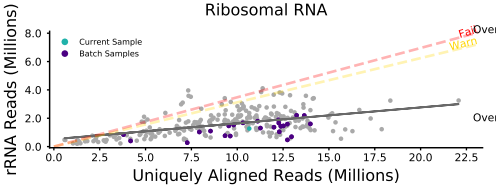
Alignment



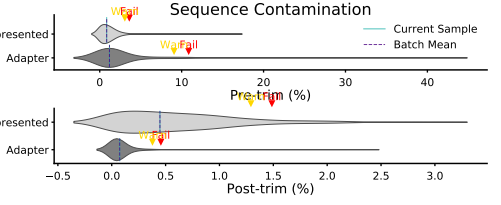
Gene Exon Mapping



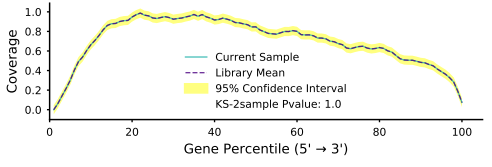
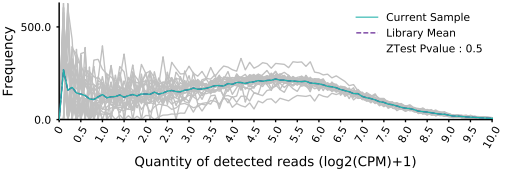
Ribosomal RNA



Sequence Contamination



GeneBody Coverage Distribution



Distribution of Gene Expression