

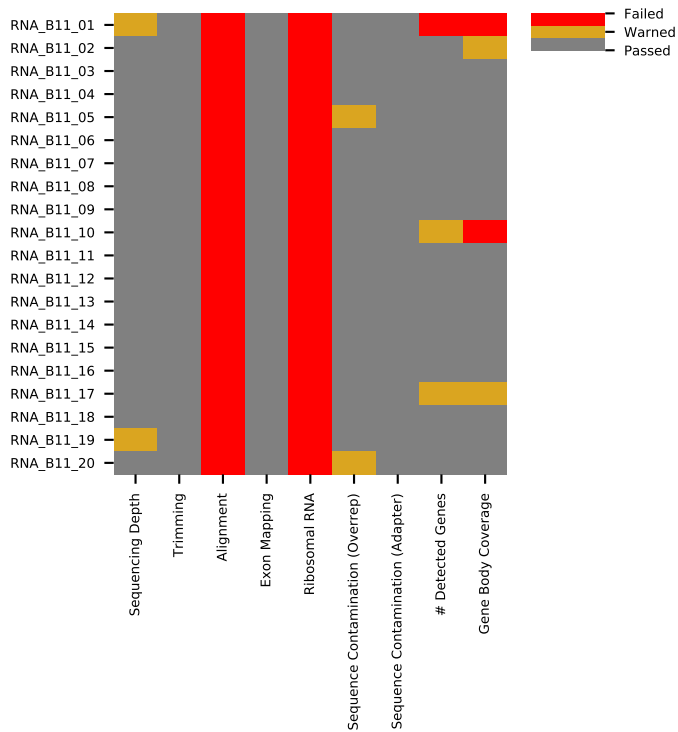
QC Plotter Input Summary

Input table = /projects/b1063/Gaurav/pyRetroPlotter/data/USER_testData_B11_2023_5_5.csv
Output location = /projects/b1063/Gaurav/pyRetroPlotter/SCRIPTB11_mancutoffs.pdf
Background table = data/SCRIPTretro_masterStatistics_allBatches_2023_5_5.csv
Gene Body Coverage file = data/SCRIPT_RNAseq_Batch_11_GeneCoverageData.csv
Gene read depth distribution histogram file = data/CPM_SCRIPT_RNAseq_Batch_11_final_count_bincounts_0.5.csv
Cutoff file = data/man_cutoffs_2023_5_5.xlsx

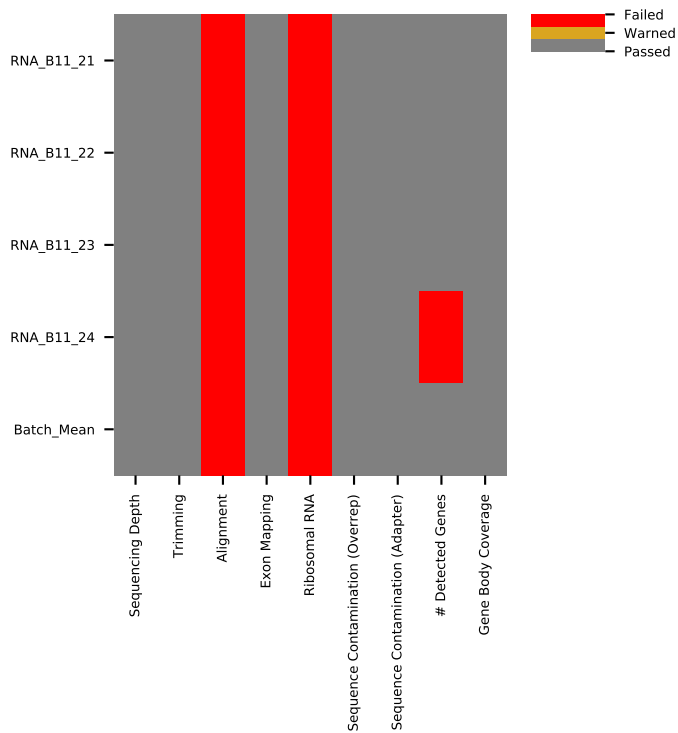
*Warn cutoffs: Default alpha =0.1| Sequencing Depth = 15| Trimming = 80| Alignment = 50| Gene Exon Mapping = 30
| Ribosomal RNA = 0.312| Adapter Contamination = 1| Overrep. Seq Contamination = 1| Gene Body Coverage = 0.1| Detected Genes = 9925*

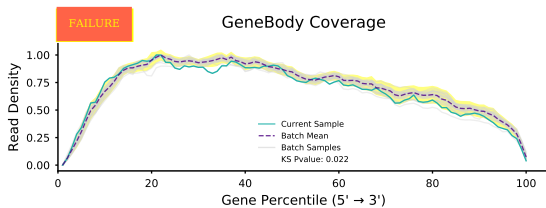
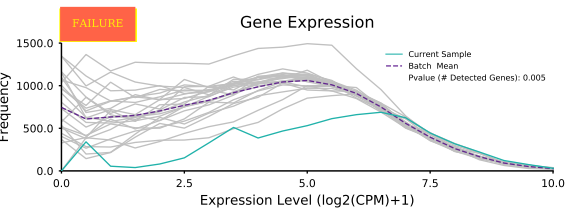
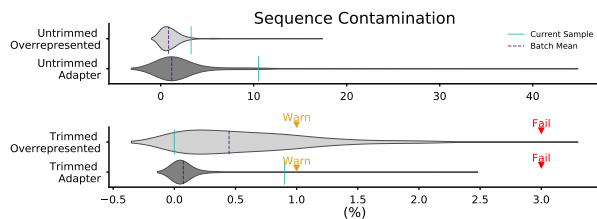
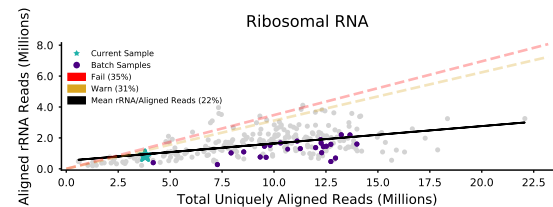
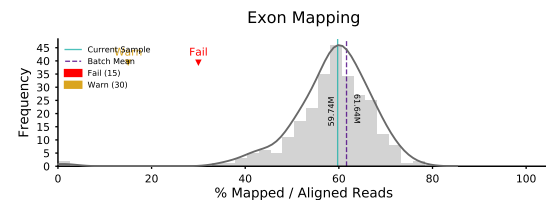
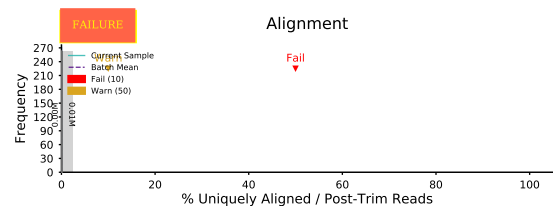
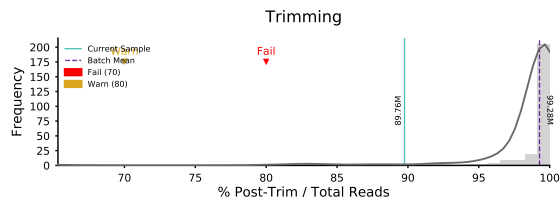
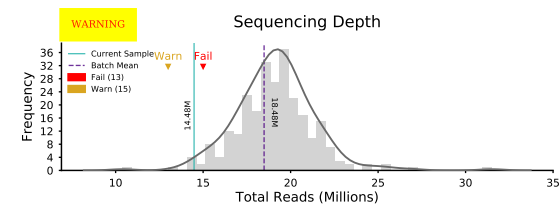
*Fail cutoffs: Default alpha =0.05| Sequencing Depth = 13| Trimming = 70| Alignment = 10| Gene Exon Mapping = 15
| Ribosomal RNA = 0.348| Adapter Contamination = 3| Overrep. Seq Contamination = 3| Gene Body Coverage = 0.05| Detected Genes = 8988*

Summary of QC Metrics

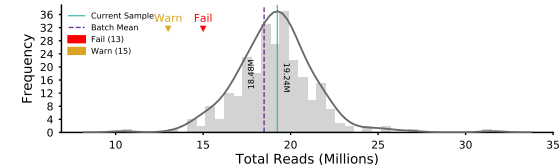


Summary of QC Metrics

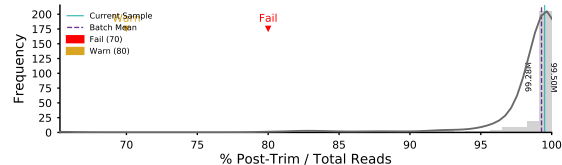




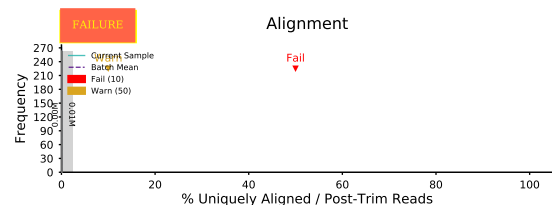
Sequencing Depth



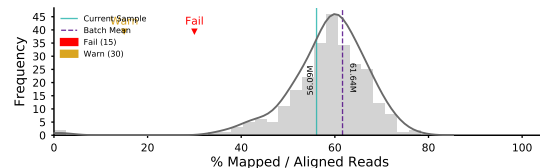
Trimming



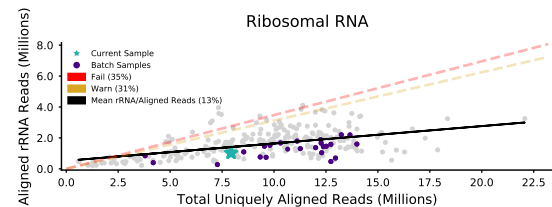
Alignment



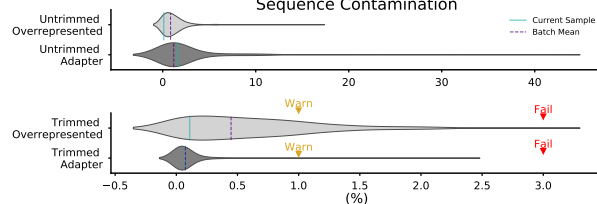
Exon Mapping



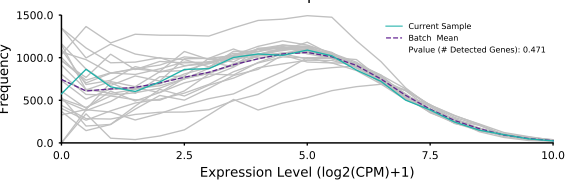
Ribosomal RNA



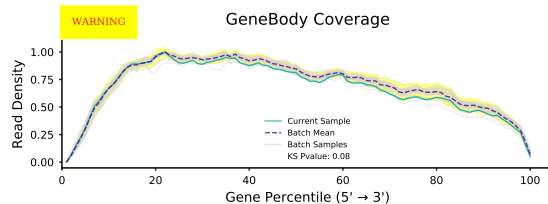
Sequence Contamination



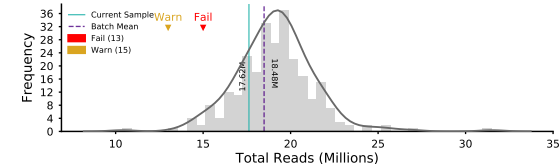
Gene Expression



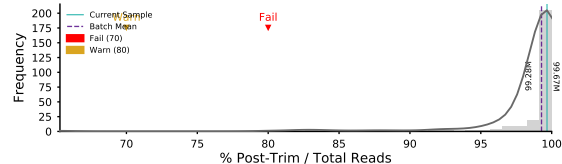
GeneBody Coverage



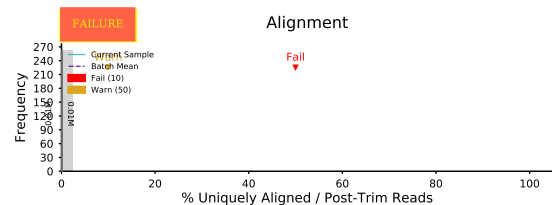
Sequencing Depth



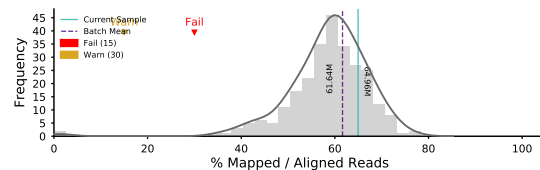
Trimming



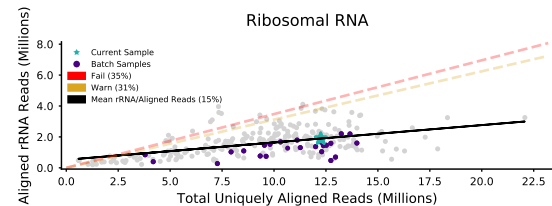
Alignment



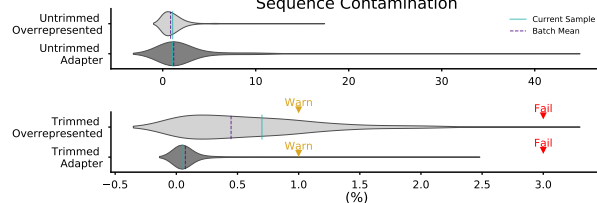
Exon Mapping



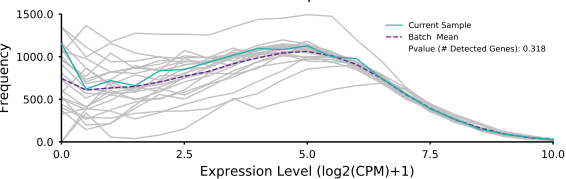
Ribosomal RNA



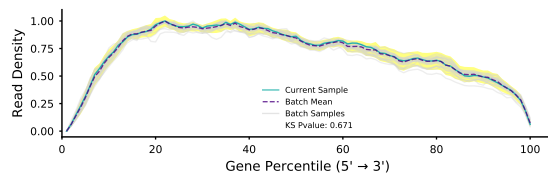
Sequence Contamination



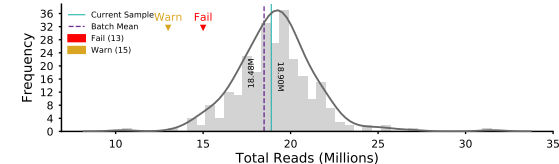
Gene Expression



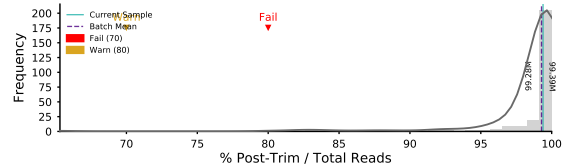
GeneBody Coverage



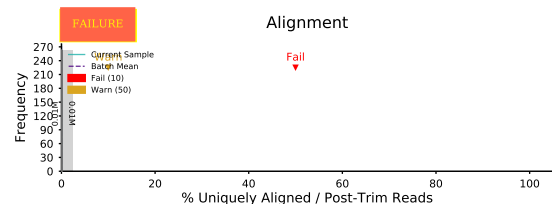
Sequencing Depth



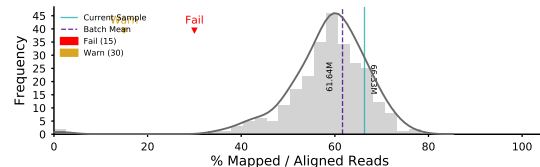
Trimming



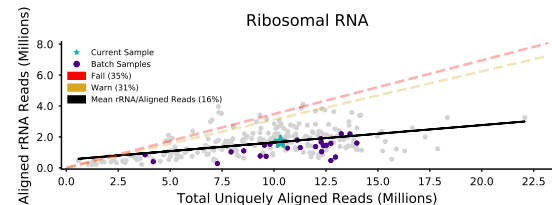
Alignment



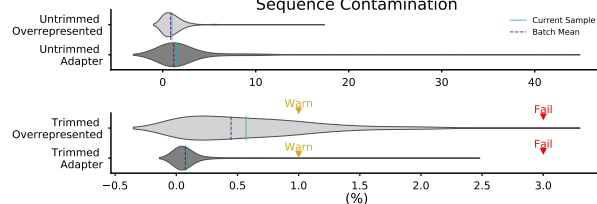
Exon Mapping



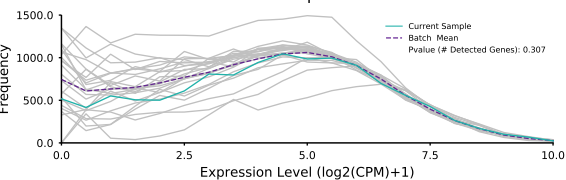
Ribosomal RNA



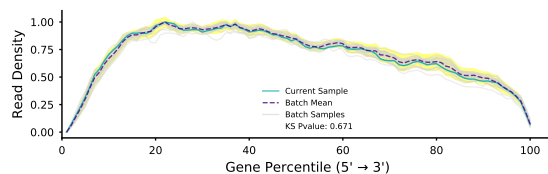
Sequence Contamination



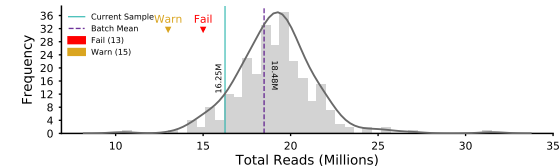
Gene Expression



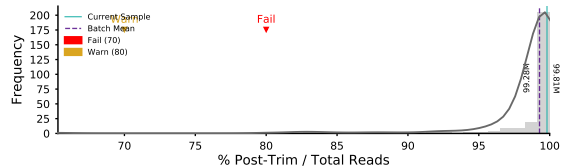
GeneBody Coverage



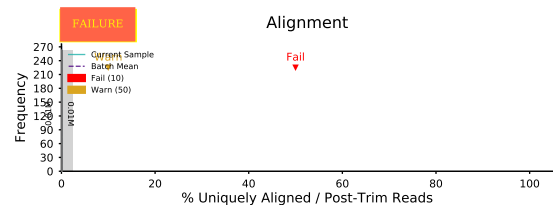
Sequencing Depth



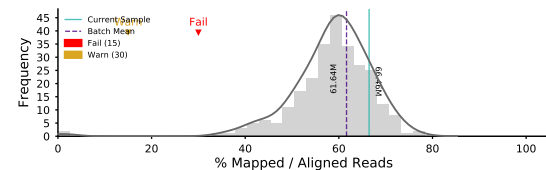
Trimming



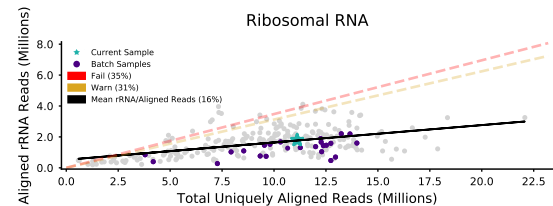
Alignment



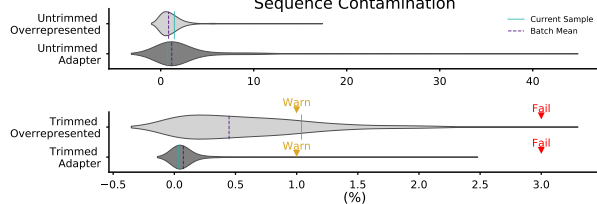
Exon Mapping



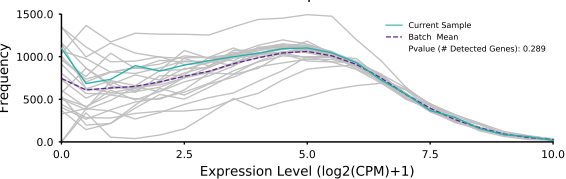
Ribosomal RNA



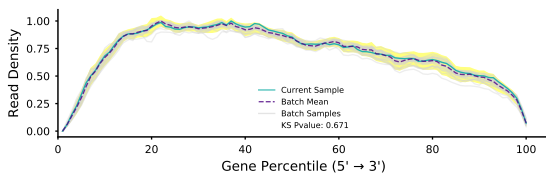
Sequence Contamination



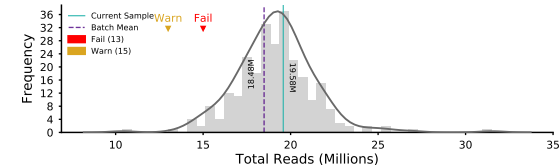
Gene Expression



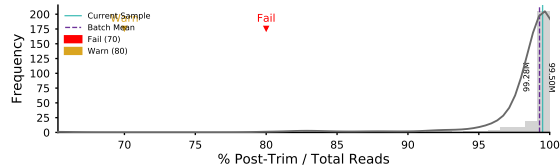
GeneBody Coverage



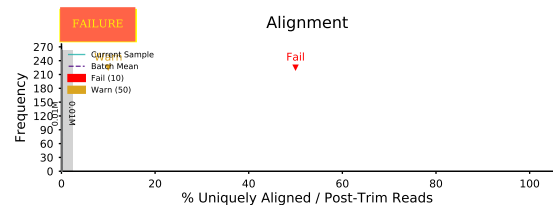
Sequencing Depth



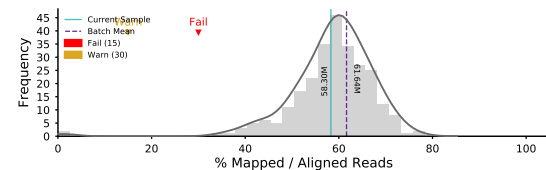
Trimming



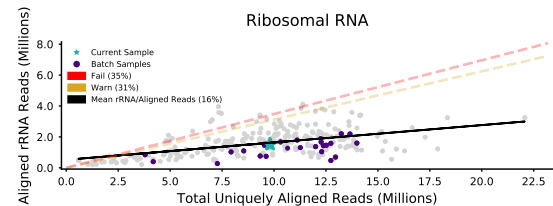
Alignment



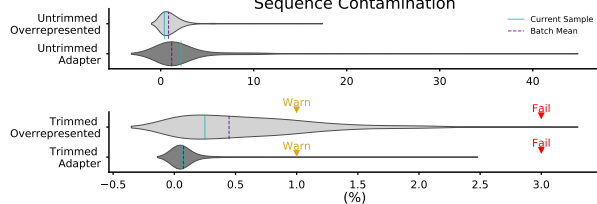
Exon Mapping



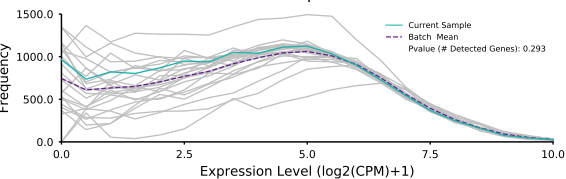
Ribosomal RNA



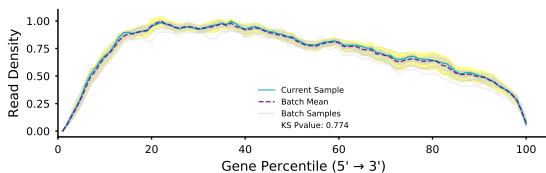
Sequence Contamination



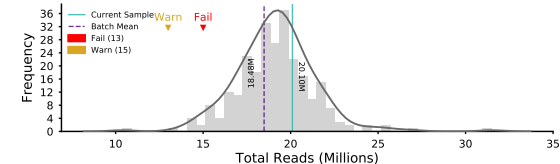
Gene Expression



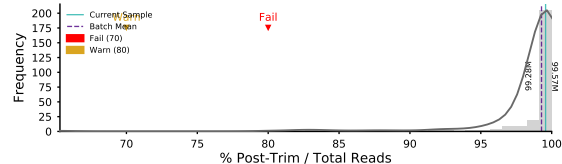
GeneBody Coverage



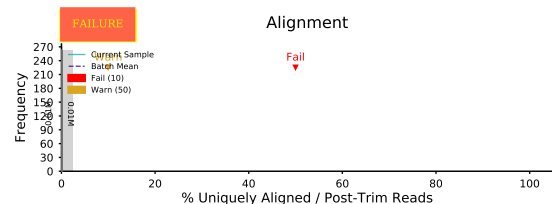
Sequencing Depth



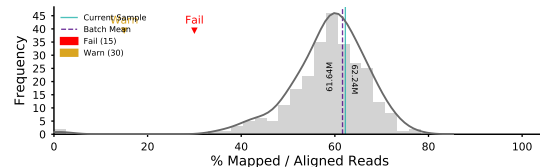
Trimming



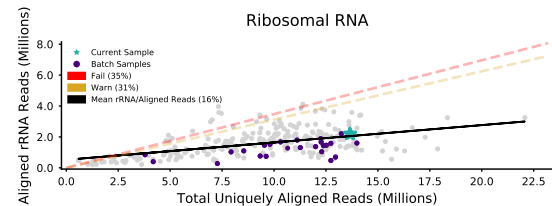
Alignment



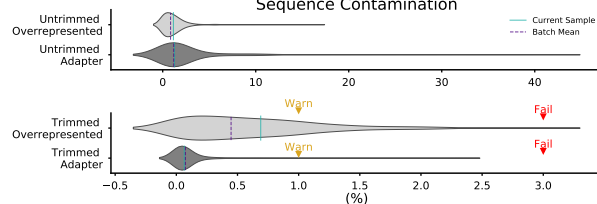
Exon Mapping



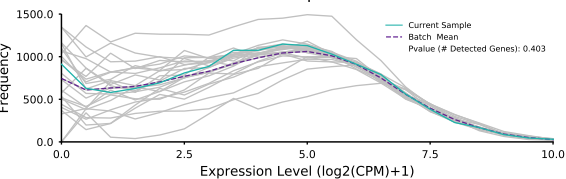
Ribosomal RNA



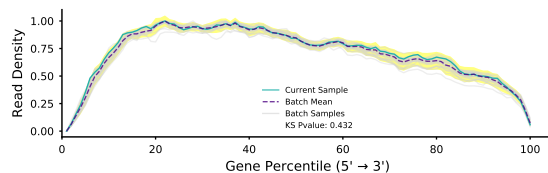
Sequence Contamination



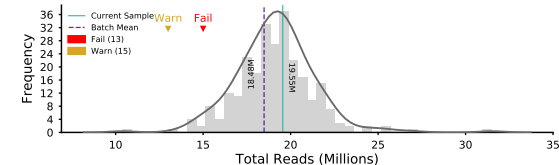
Gene Expression



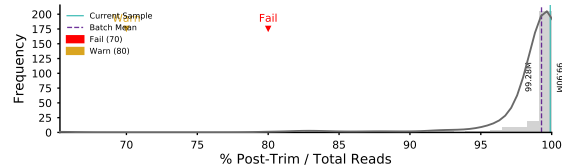
GeneBody Coverage



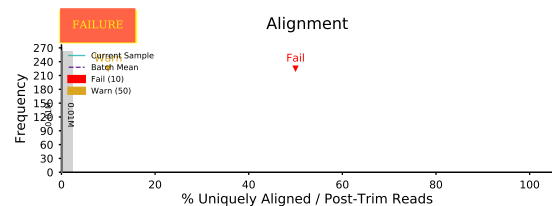
Sequencing Depth



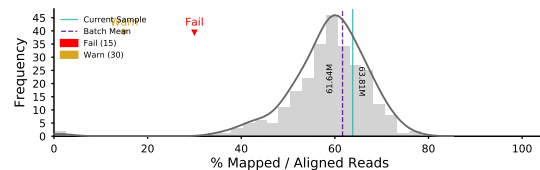
Trimming



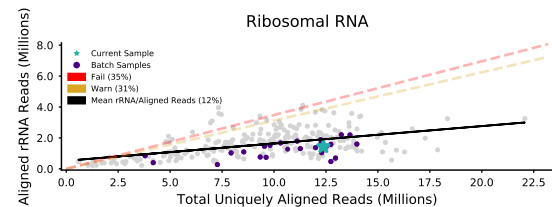
Alignment



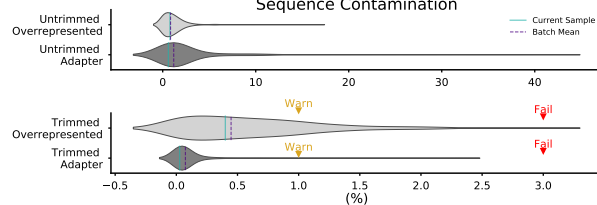
Exon Mapping



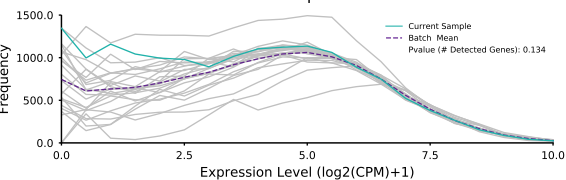
Ribosomal RNA



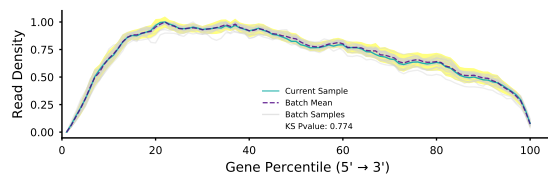
Sequence Contamination



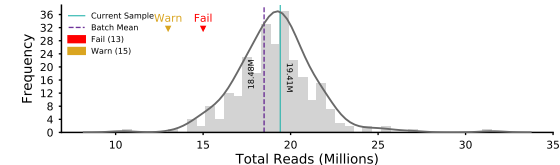
Gene Expression



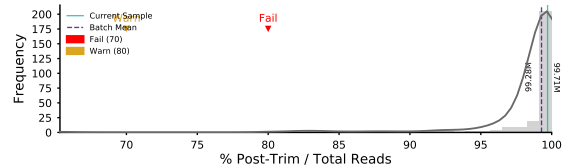
GeneBody Coverage



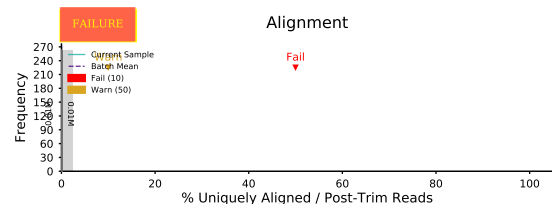
Sequencing Depth



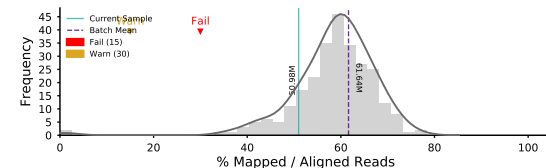
Trimming



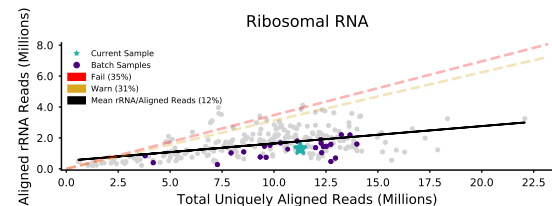
Alignment



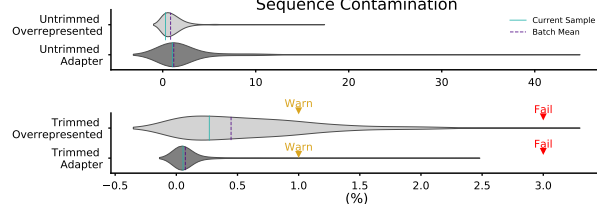
Exon Mapping



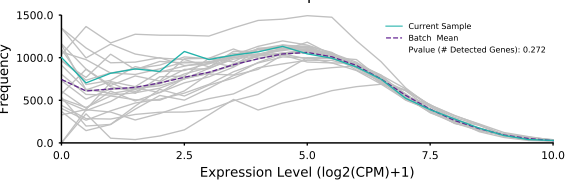
Ribosomal RNA



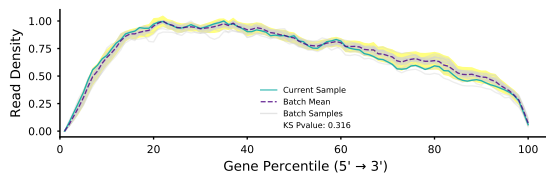
Sequence Contamination



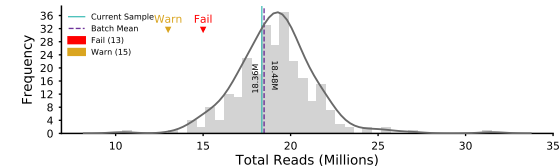
Gene Expression



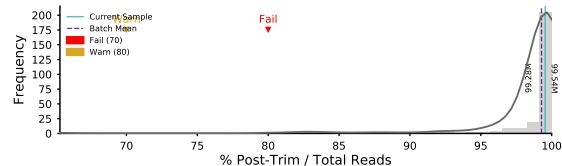
GeneBody Coverage



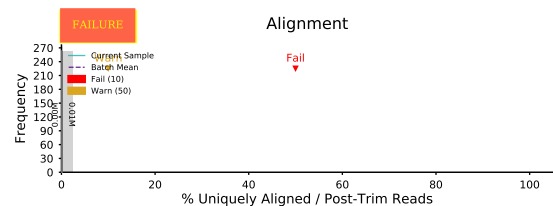
Sequencing Depth



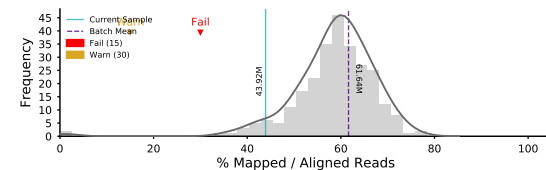
Trimming



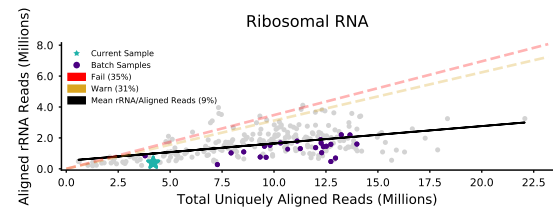
Alignment



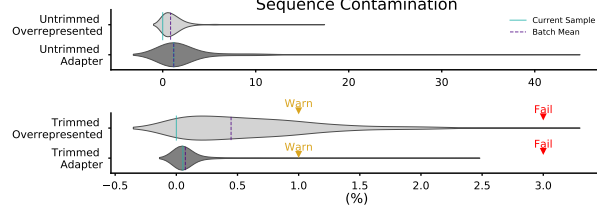
Exon Mapping



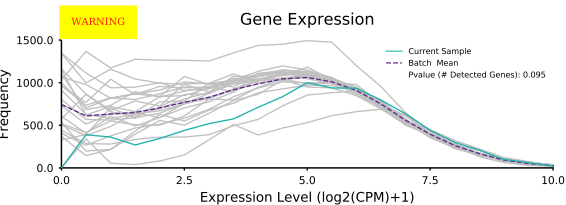
Ribosomal RNA



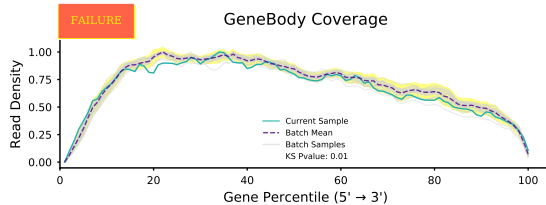
Sequence Contamination



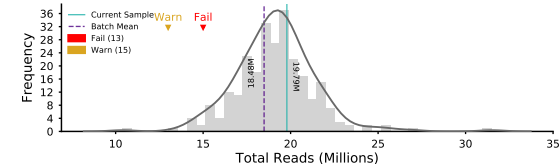
Gene Expression



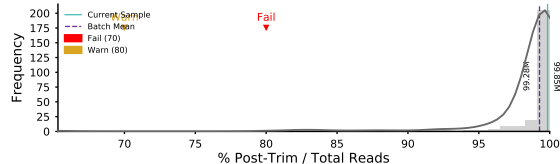
GeneBody Coverage



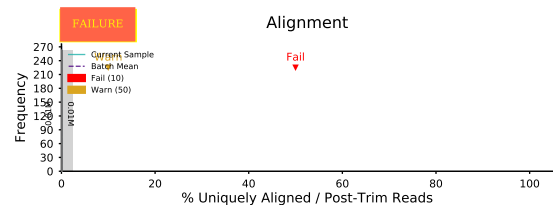
Sequencing Depth



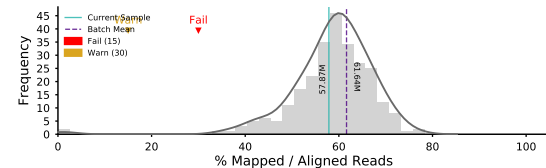
Trimming



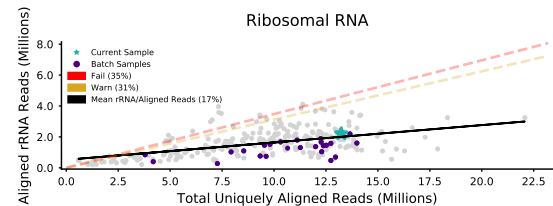
Alignment



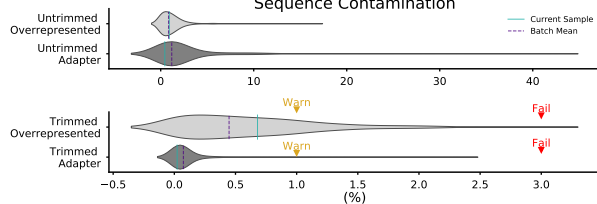
Exon Mapping



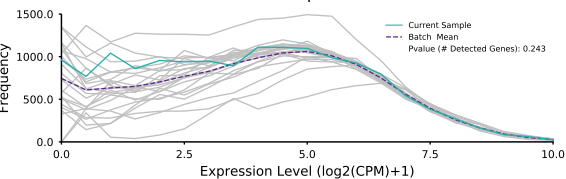
Ribosomal RNA



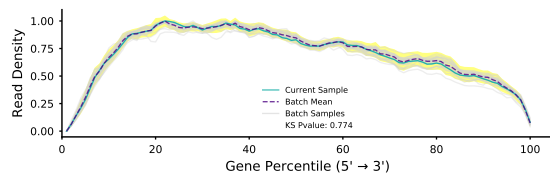
Sequence Contamination



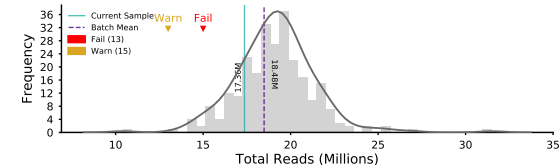
Gene Expression



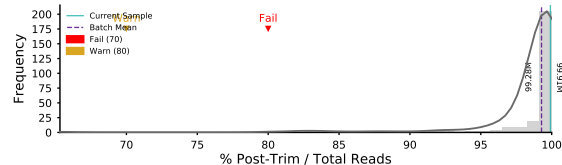
GeneBody Coverage



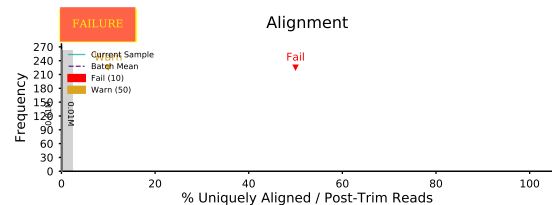
Sequencing Depth



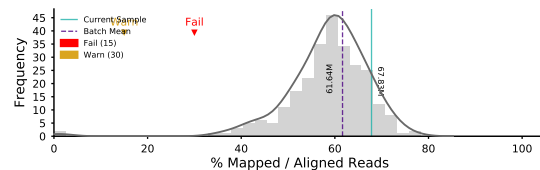
Trimming



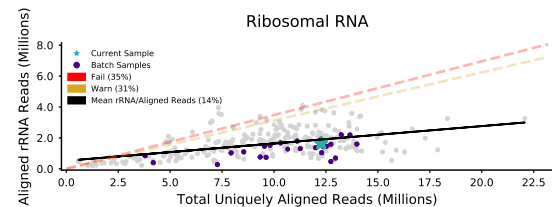
Alignment



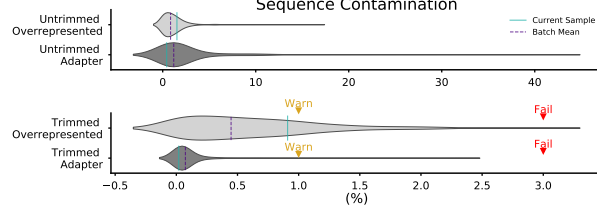
Exon Mapping



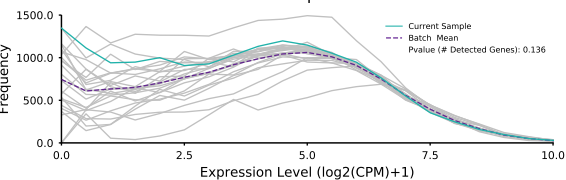
Ribosomal RNA



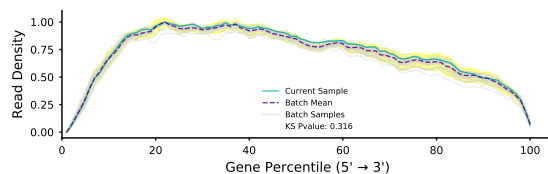
Sequence Contamination



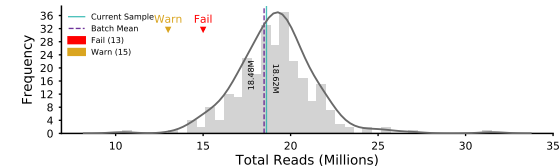
Gene Expression



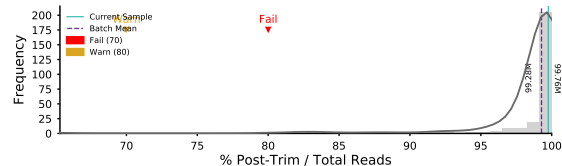
GeneBody Coverage



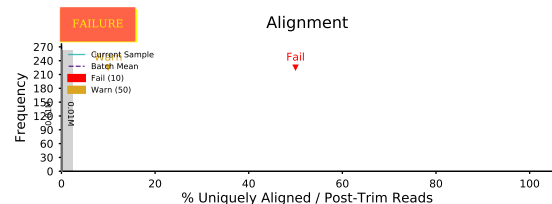
Sequencing Depth



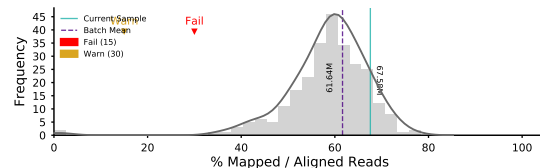
Trimming



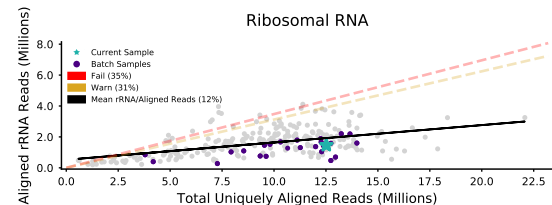
Alignment



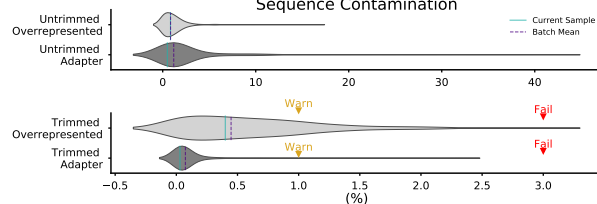
Exon Mapping



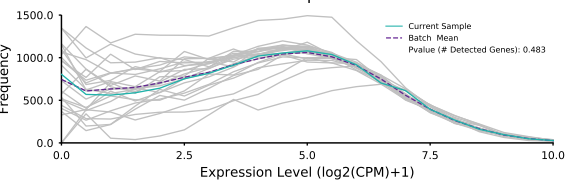
Ribosomal RNA



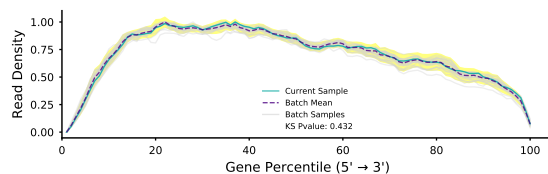
Sequence Contamination



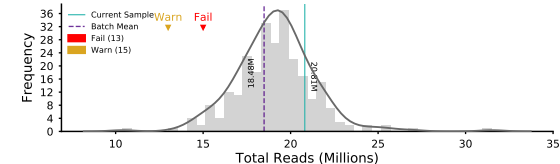
Gene Expression



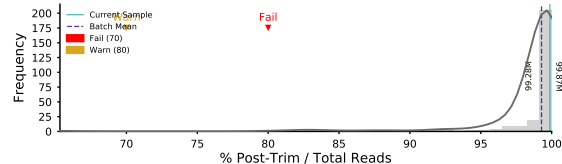
GeneBody Coverage



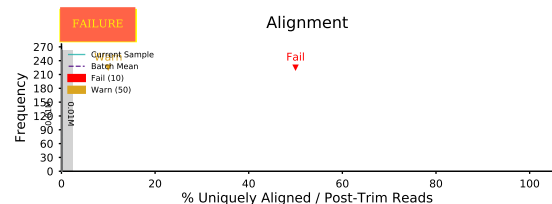
Sequencing Depth



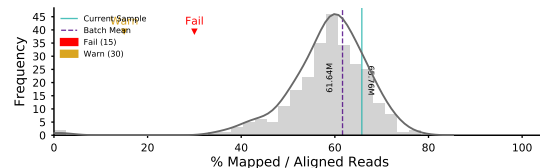
Trimming



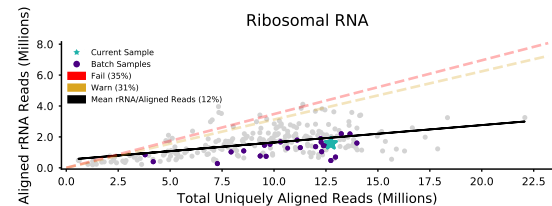
Alignment



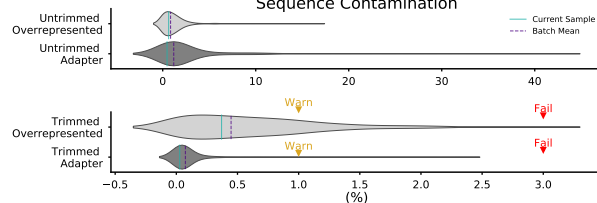
Exon Mapping



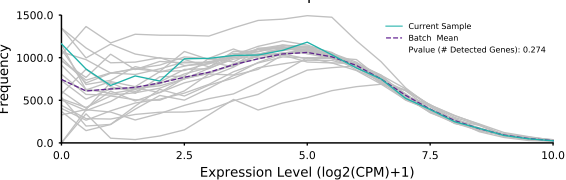
Ribosomal RNA



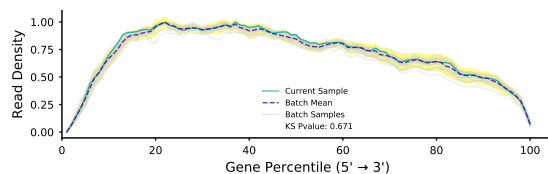
Sequence Contamination



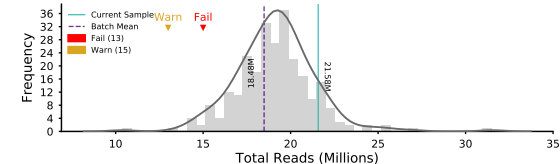
Gene Expression



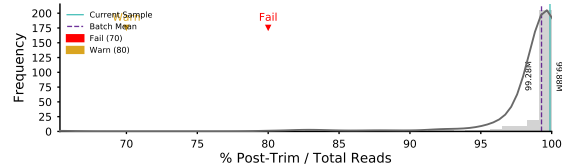
GeneBody Coverage



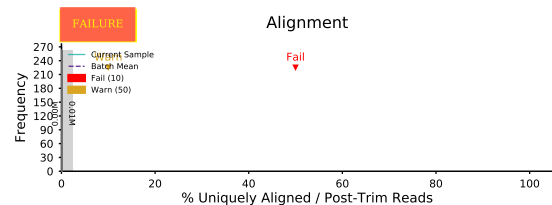
Sequencing Depth



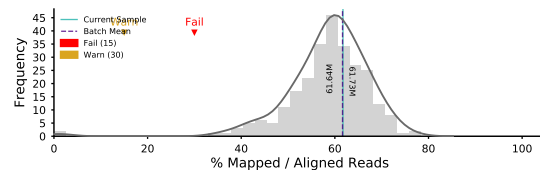
Trimming



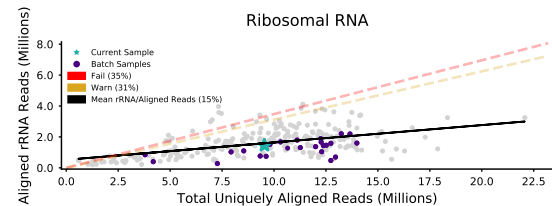
Alignment



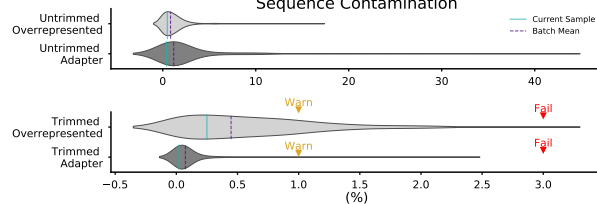
Exon Mapping



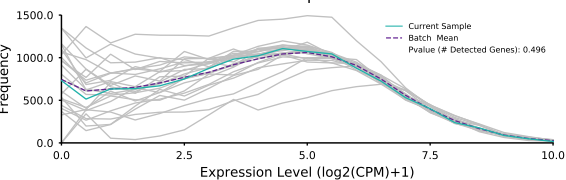
Ribosomal RNA



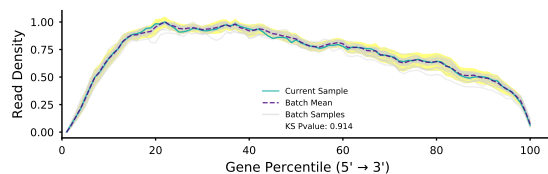
Sequence Contamination



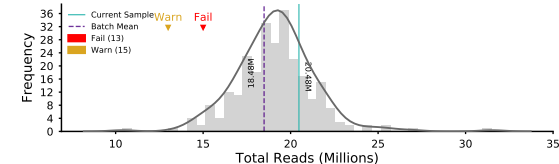
Gene Expression



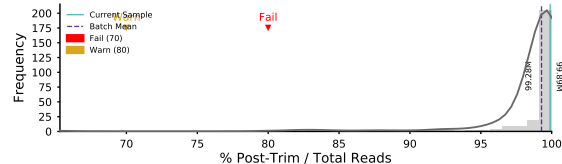
GeneBody Coverage



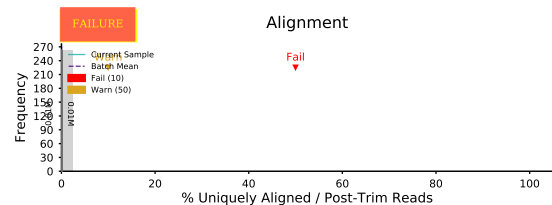
Sequencing Depth



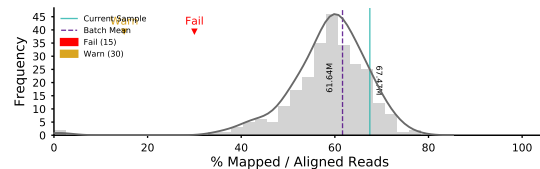
Trimming



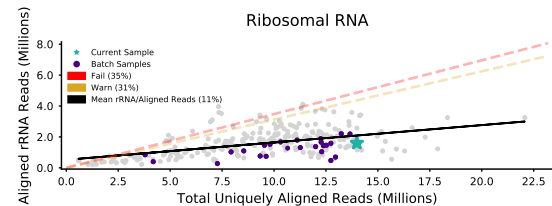
Alignment



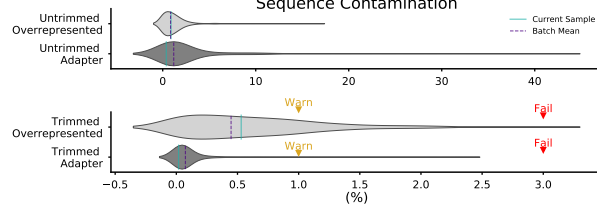
Exon Mapping



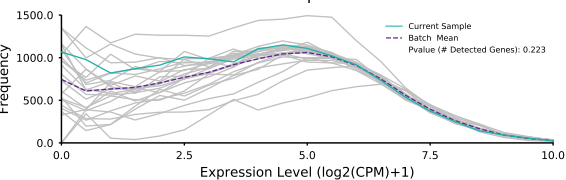
Ribosomal RNA



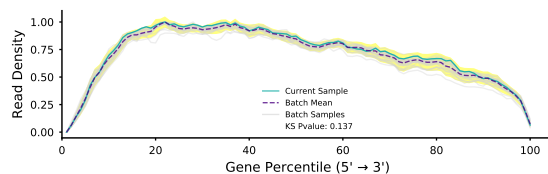
Sequence Contamination



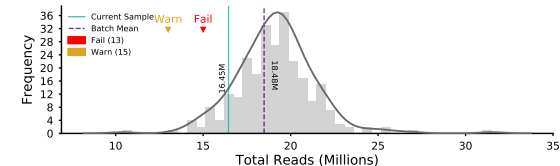
Gene Expression



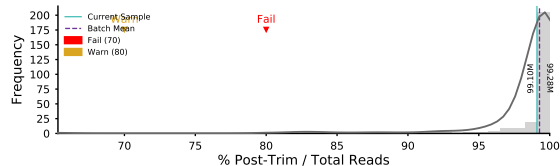
GeneBody Coverage



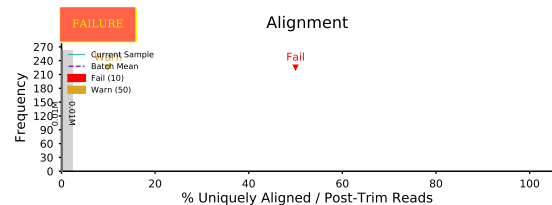
Sequencing Depth



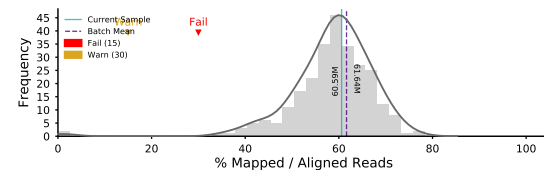
Trimming



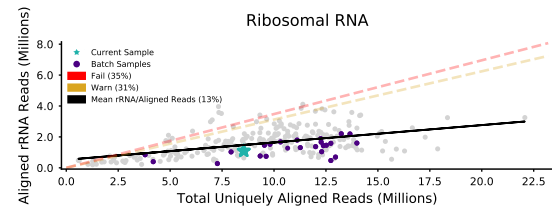
Alignment



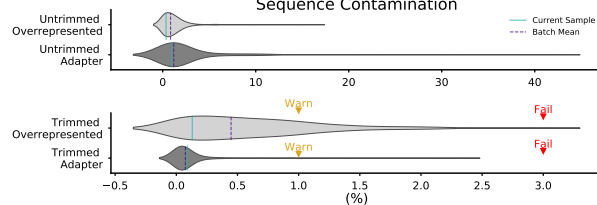
Exon Mapping



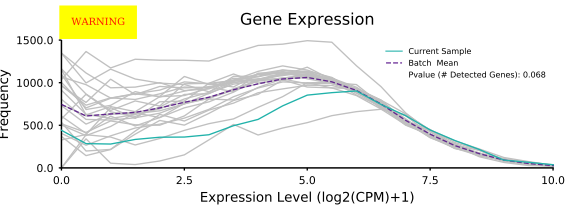
Ribosomal RNA



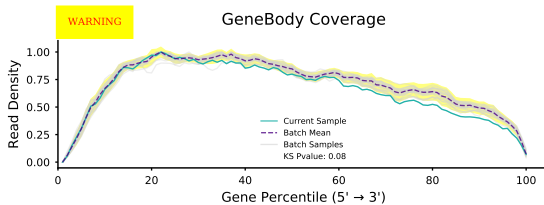
Sequence Contamination



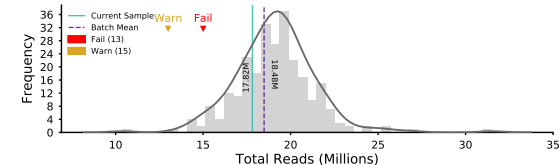
Gene Expression



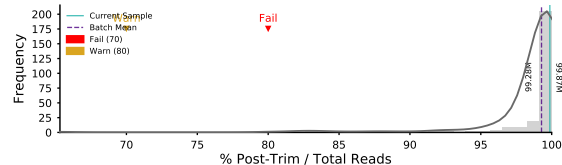
GeneBody Coverage



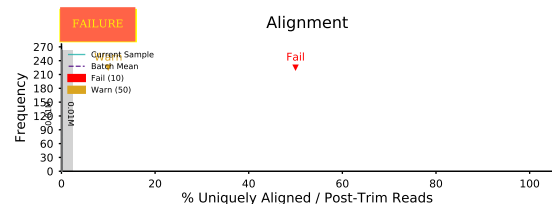
Sequencing Depth



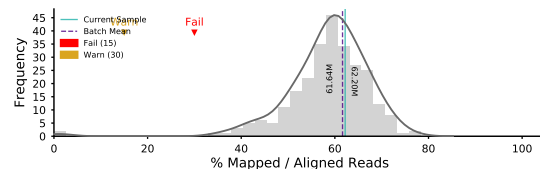
Trimming



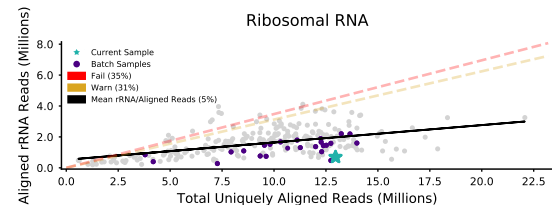
Alignment



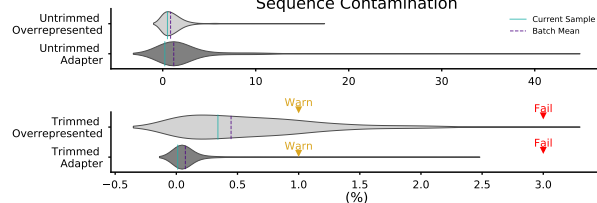
Exon Mapping



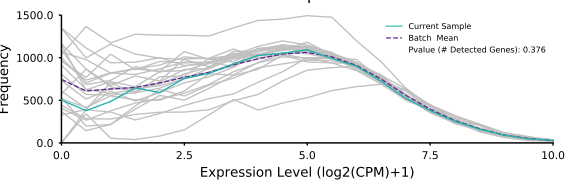
Ribosomal RNA



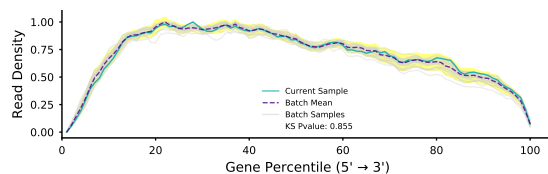
Sequence Contamination

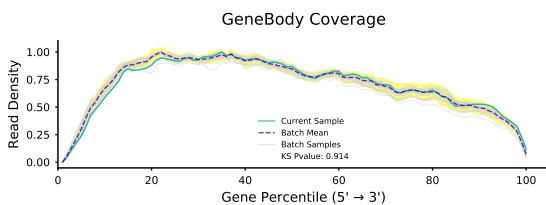
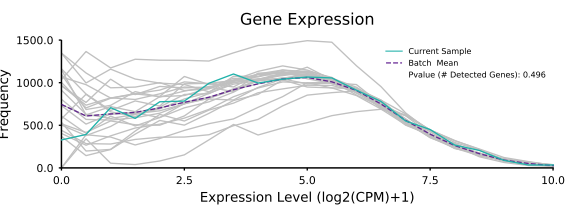
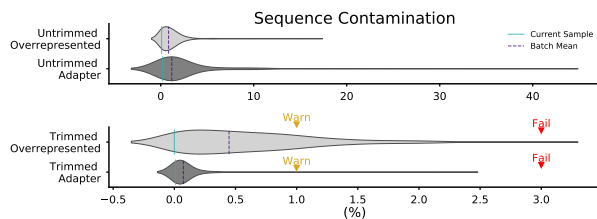
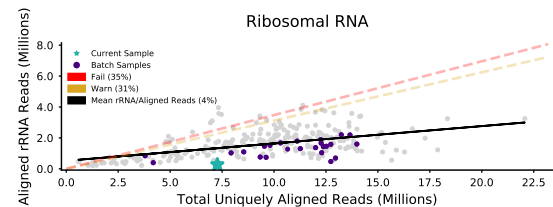
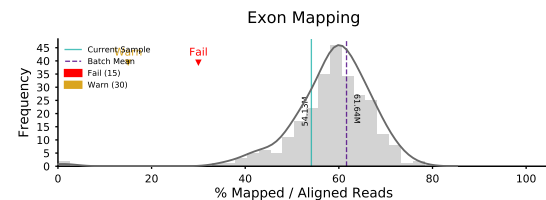
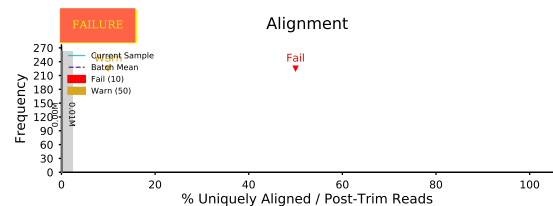
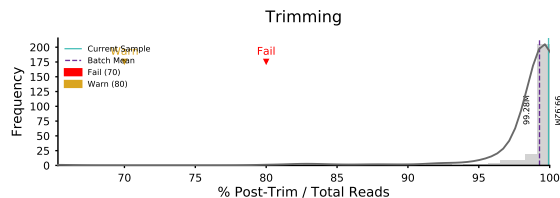
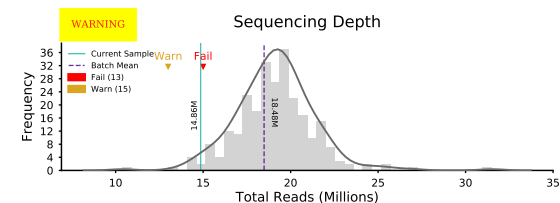


Gene Expression

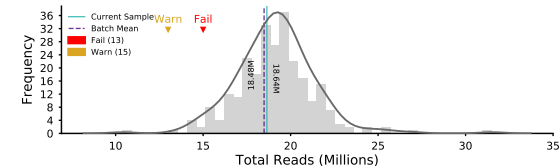


GeneBody Coverage

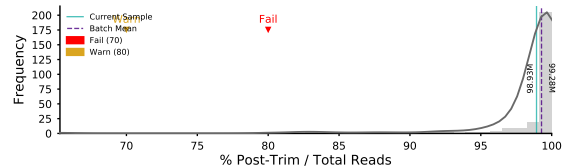




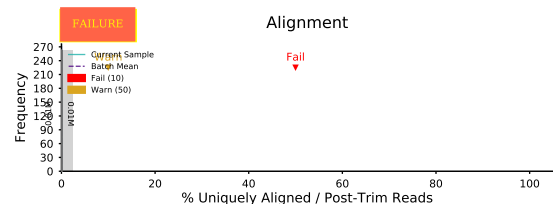
Sequencing Depth



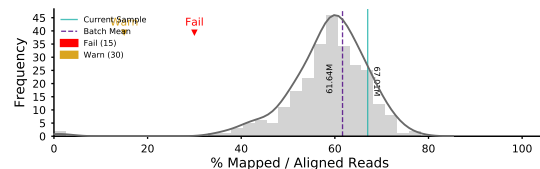
Trimming



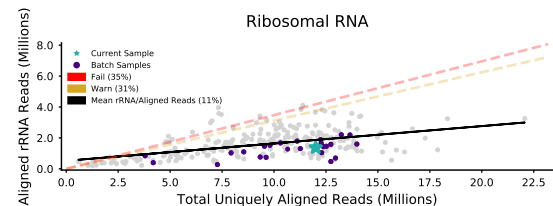
Alignment



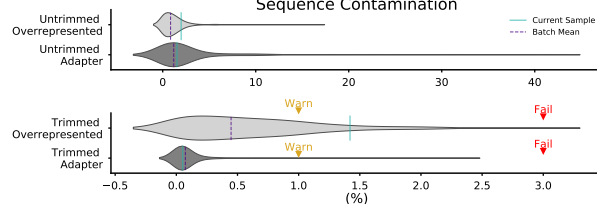
Exon Mapping



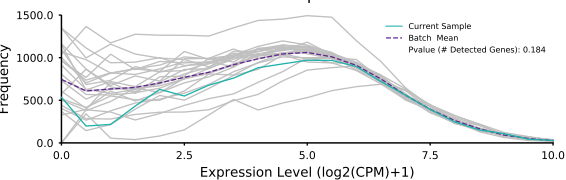
Ribosomal RNA



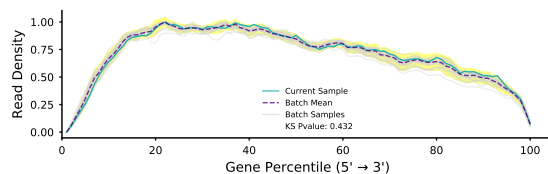
Sequence Contamination



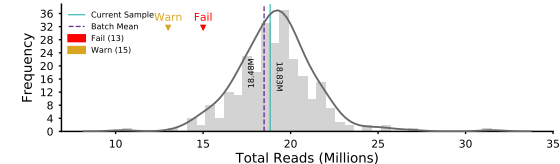
Gene Expression



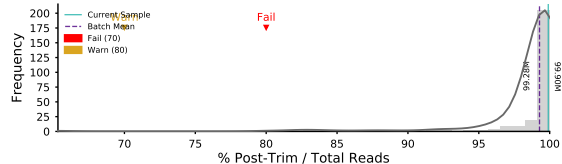
GeneBody Coverage



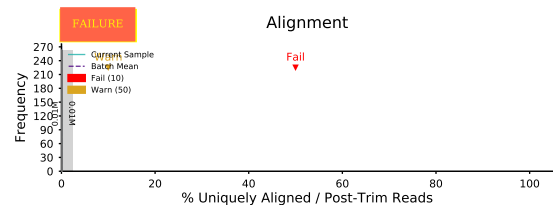
Sequencing Depth



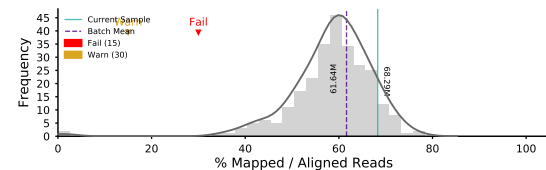
Trimming



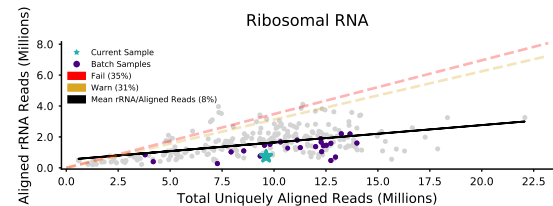
Alignment



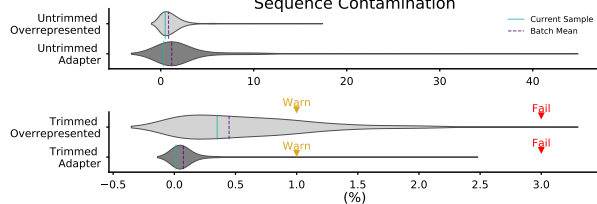
Exon Mapping



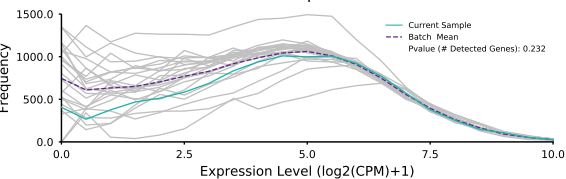
Ribosomal RNA



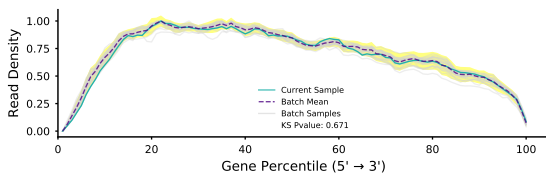
Sequence Contamination



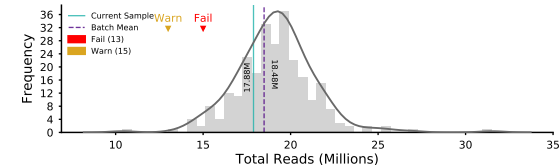
Gene Expression



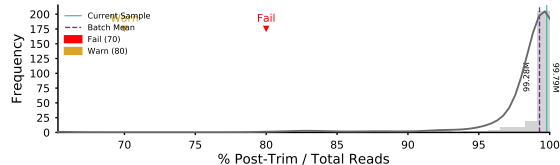
GeneBody Coverage



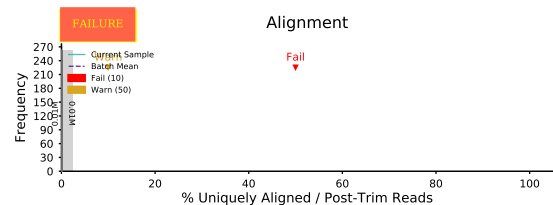
Sequencing Depth



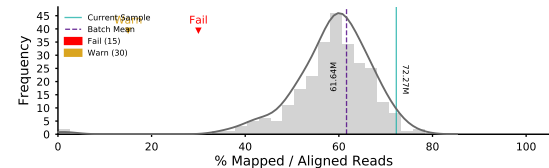
Trimming



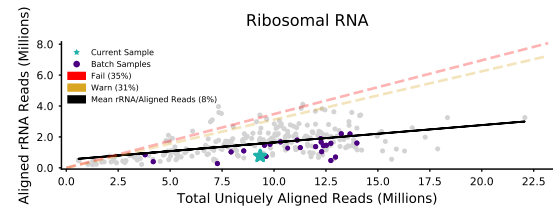
Alignment



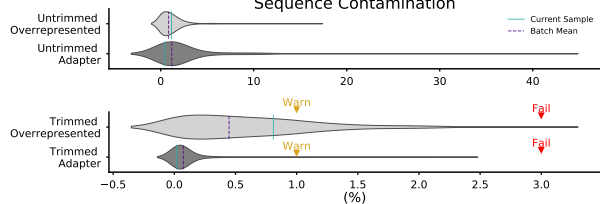
Exon Mapping



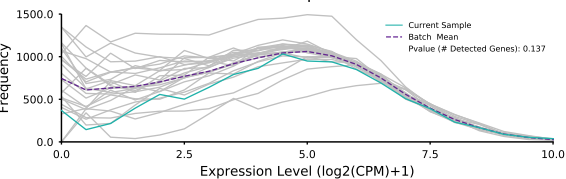
Ribosomal RNA



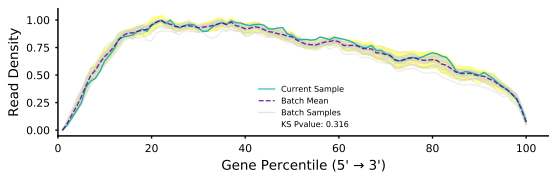
Sequence Contamination



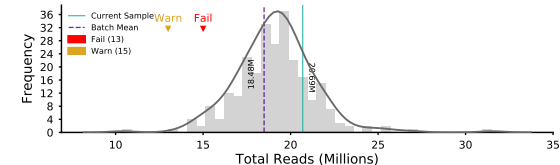
Gene Expression



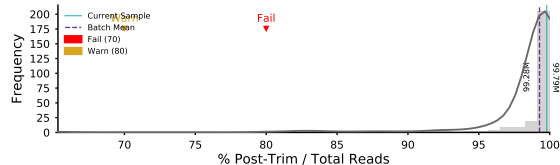
GeneBody Coverage



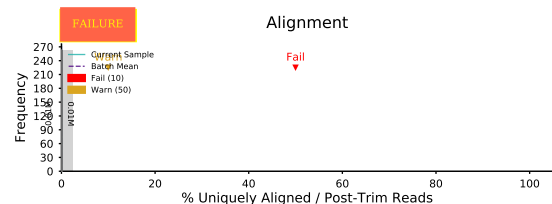
Sequencing Depth



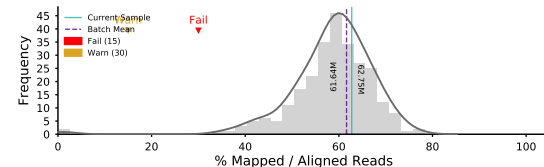
Trimming



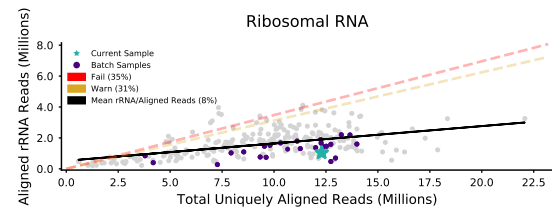
Alignment



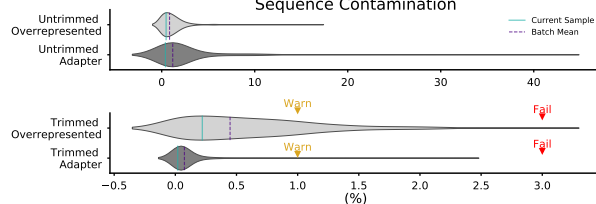
Exon Mapping



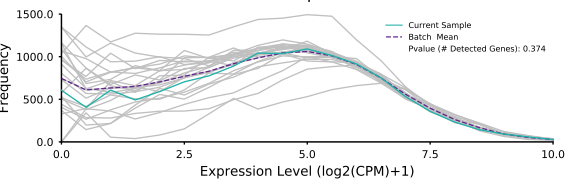
Ribosomal RNA



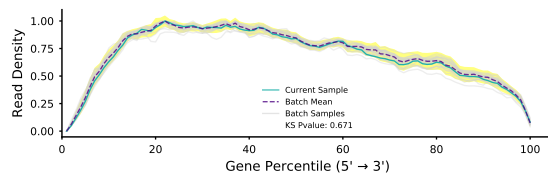
Sequence Contamination



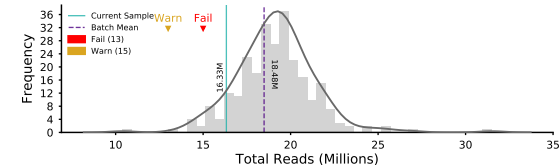
Gene Expression



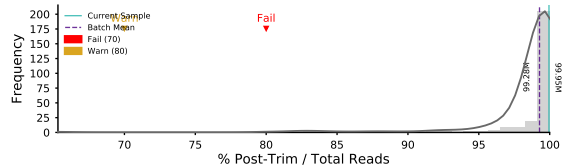
GeneBody Coverage



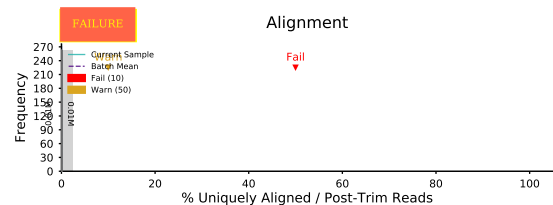
Sequencing Depth



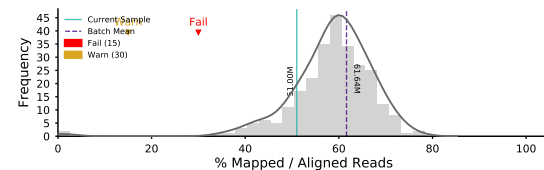
Trimming



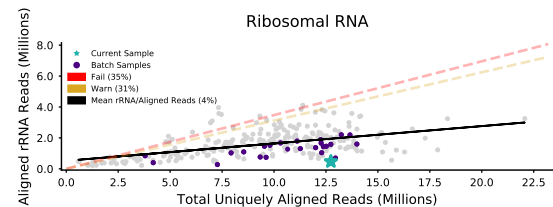
Alignment



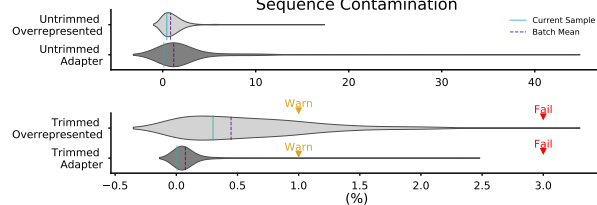
Exon Mapping



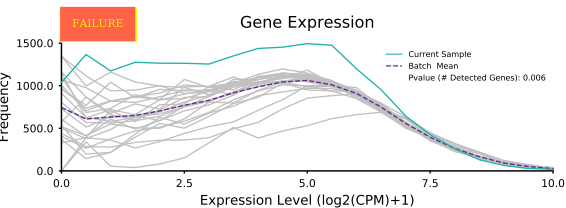
Ribosomal RNA



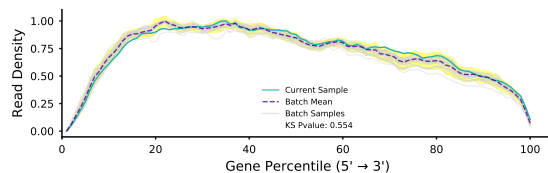
Sequence Contamination



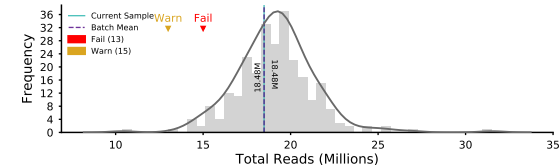
Gene Expression



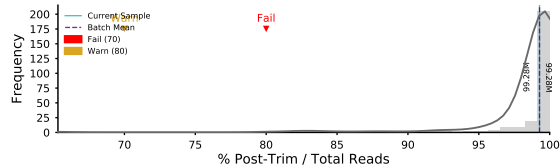
GeneBody Coverage



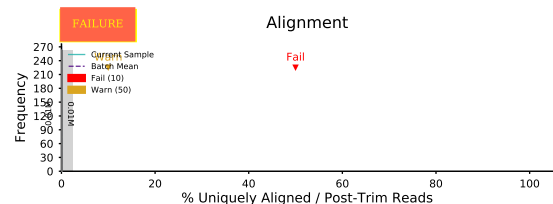
Sequencing Depth



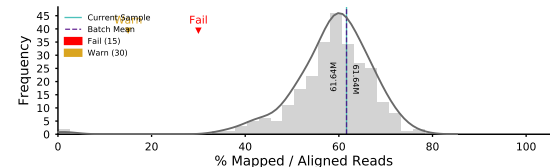
Trimming



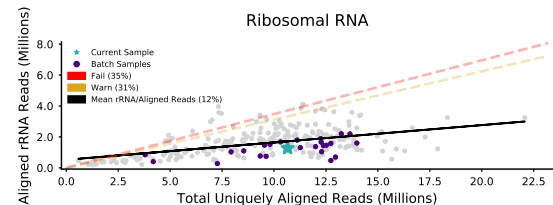
Alignment



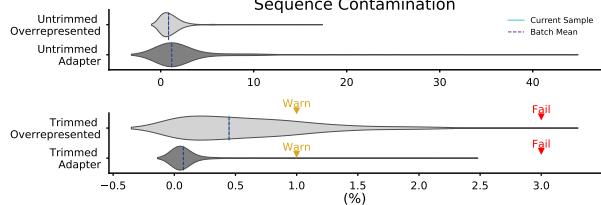
Exon Mapping



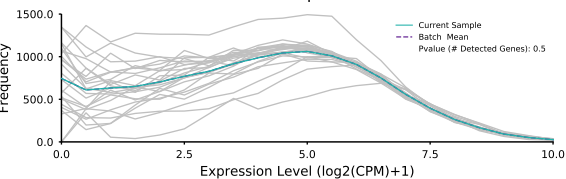
Ribosomal RNA



Sequence Contamination



Gene Expression



GeneBody Coverage

