

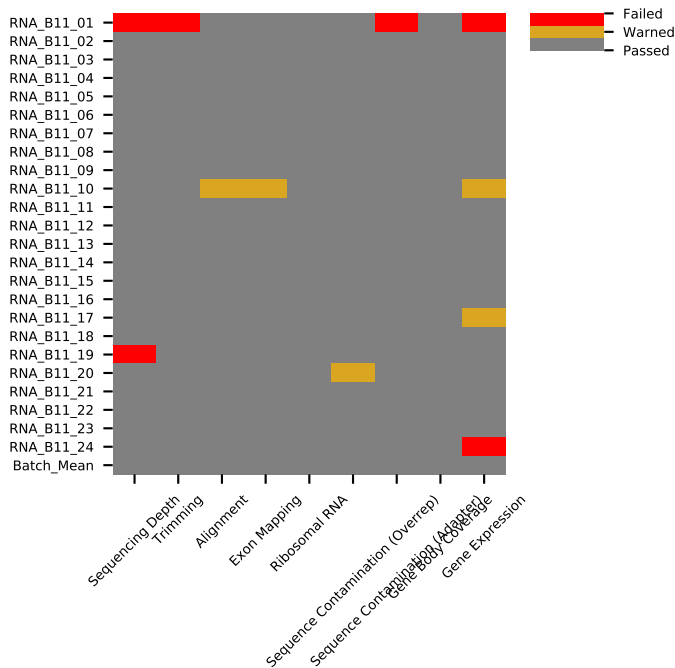
# QC Plotter Input Summary

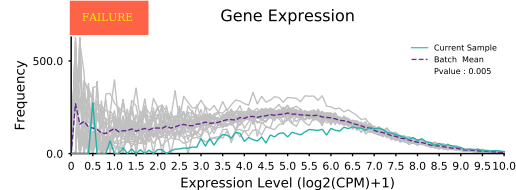
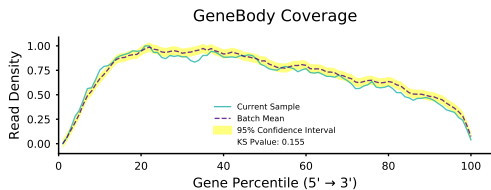
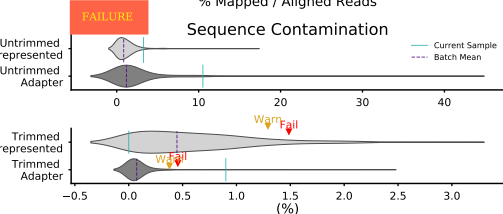
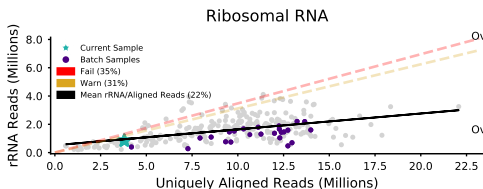
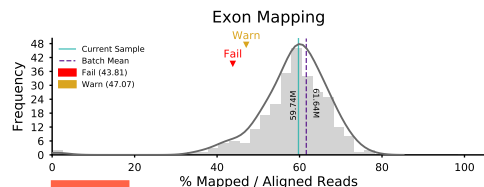
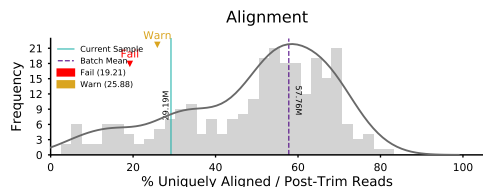
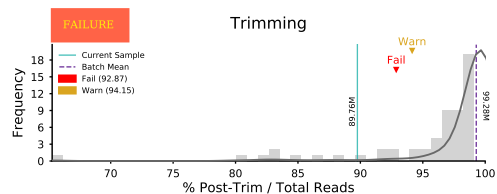
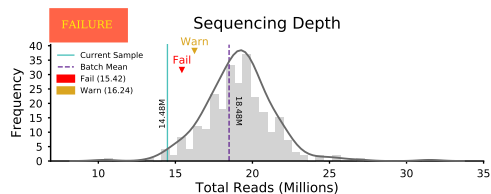
Input table = /projects/b1063/Gaurav/pyRetroPlotter/data/USER\_testData\_B11.csv  
Output location = /projects/b1063/Gaurav/pyRetroPlotter/SCRIPTB11\_defaultcutoffs.pdf  
Background table = data/SCRIPTretro\_masterStatistics\_allBatches.csv  
Gene Body Coverage file = data/SCRIPT\_RNAseq\_Batch\_11\_GeneCoverageData.csv  
Gene read depth distribution histogram file = data/sample11hist\_data.csv  
Cutoff file = False

*Warn cutoffs: Default alpha =0.9| Sequencing Depth = 16.241| Trimming = 94.146| Alignment = 25.883| Gene Exon Mapping = 47.068  
| Ribosomal RNA = 0.312| Adapter Contamination = 0.378| Overrep. Seq Contamination = 1.292| Gene Body Coverage = 0.9| Distribution of Gene Expression = 8988*

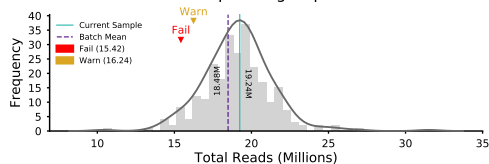
*Fail cutoffs: Default alpha =0.95| Sequencing Depth = 15.422| Trimming = 92.869| Alignment = 19.211| Gene Exon Mapping = 43.814  
| Ribosomal RNA = 0.348| Adapter Contamination = 0.456| Overrep. Seq Contamination = 1.487| Gene Body Coverage = 0.95| Distribution of Gene Expression = 9925*

## Summary of QC Metrics

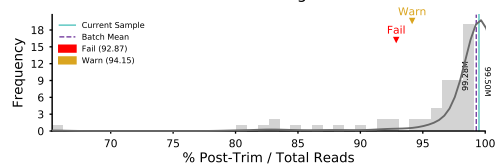




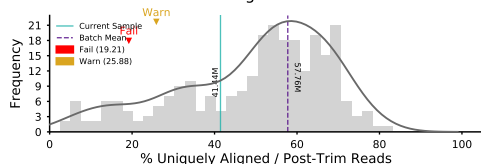
Sequencing Depth



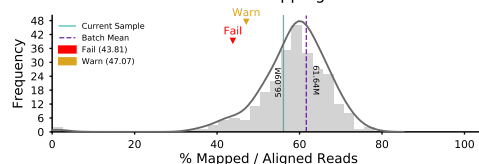
Trimming



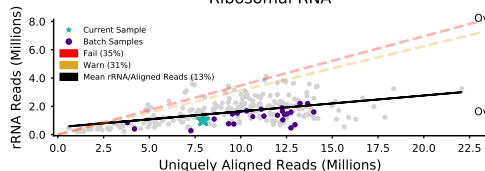
Alignment



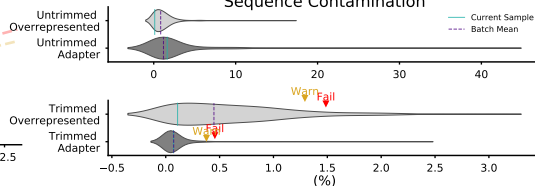
Exon Mapping



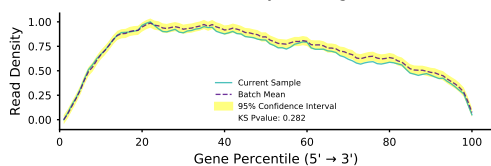
Ribosomal RNA



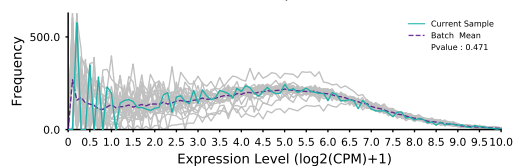
Sequence Contamination

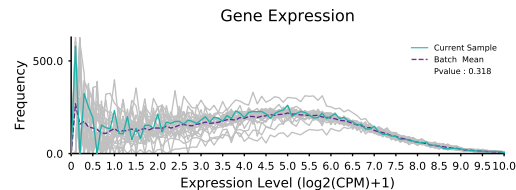
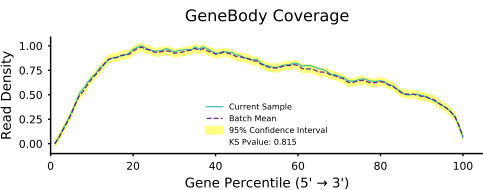
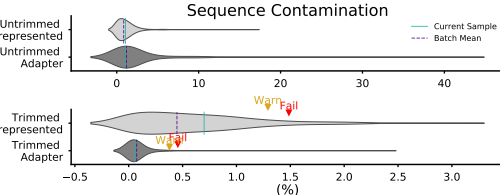
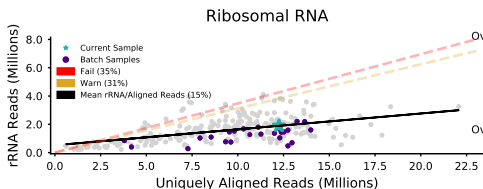
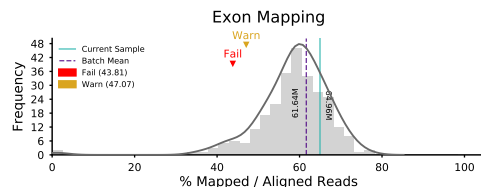
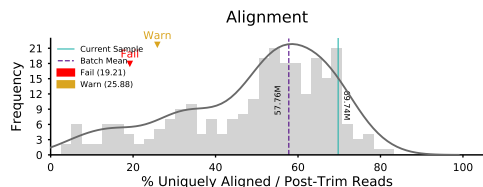
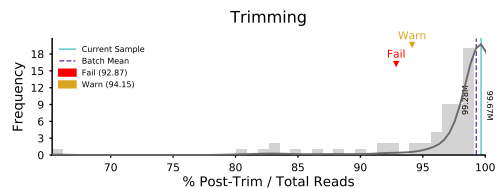
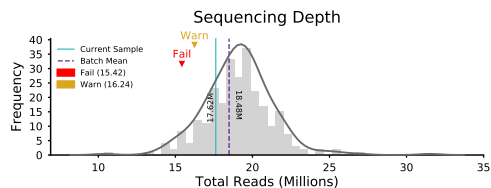


GeneBody Coverage

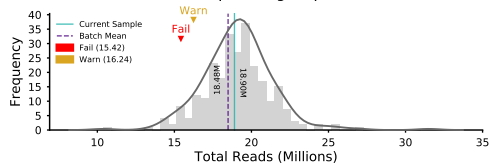


Gene Expression

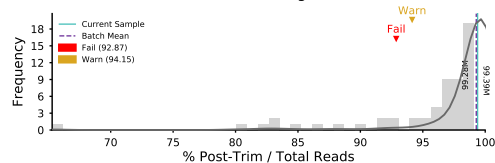




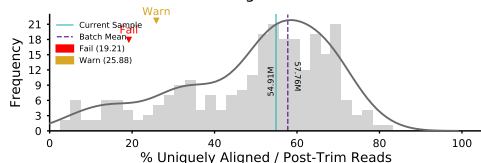
Sequencing Depth



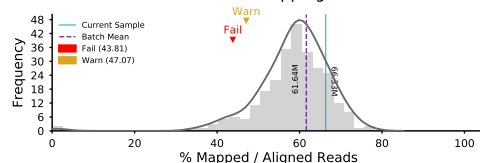
Trimming



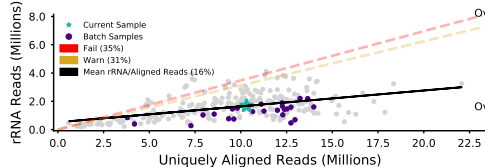
Alignment



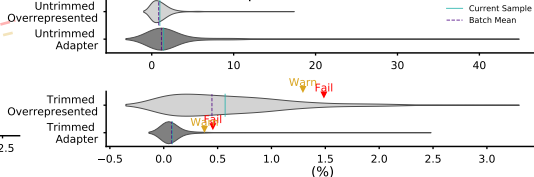
Exon Mapping



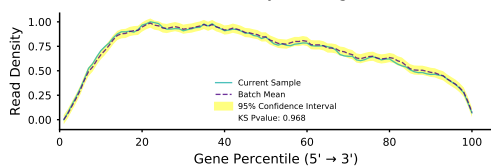
Ribosomal RNA



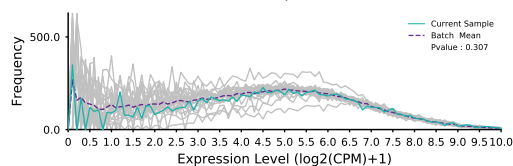
Sequence Contamination

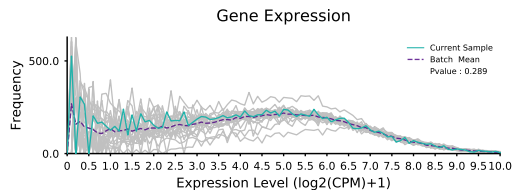
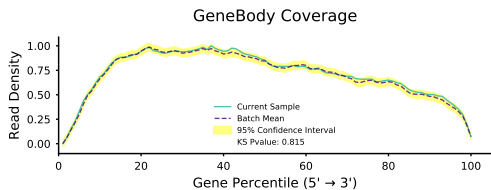
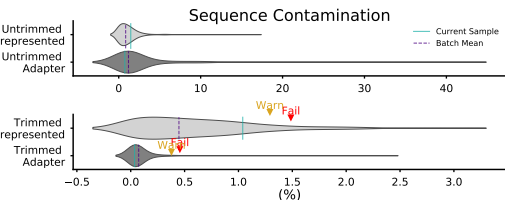
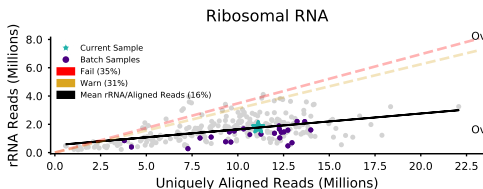
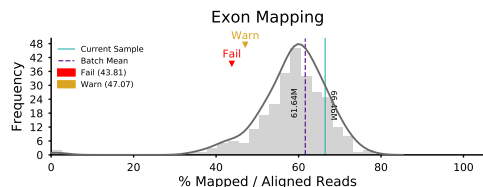
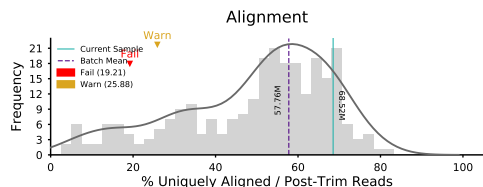
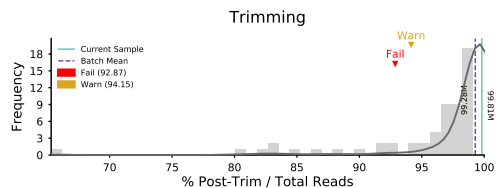
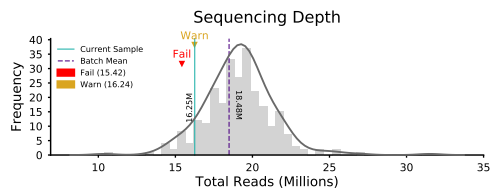


GeneBody Coverage

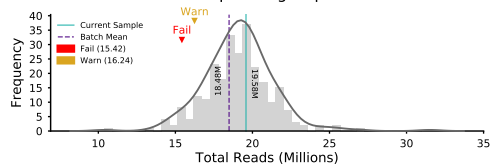


Gene Expression

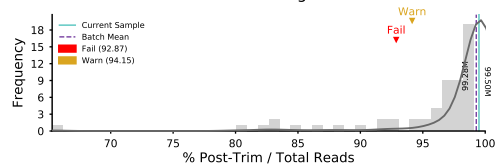




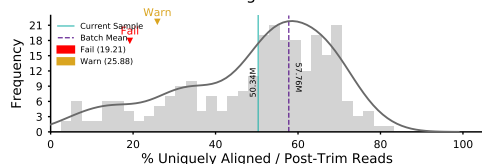
Sequencing Depth



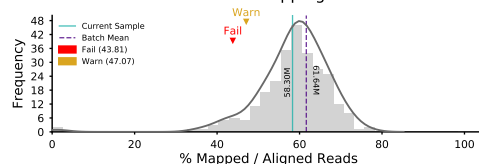
Trimming



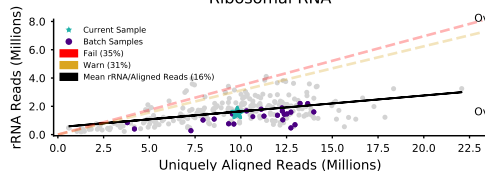
Alignment



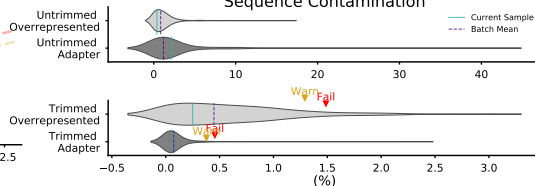
Exon Mapping



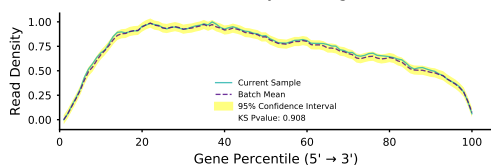
Ribosomal RNA



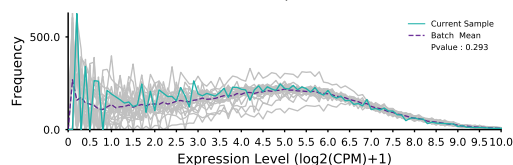
Sequence Contamination



GeneBody Coverage

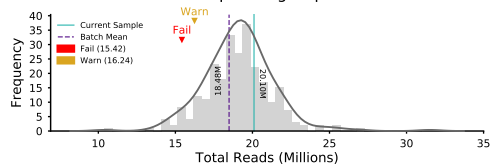


Gene Expression

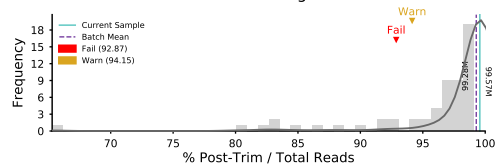




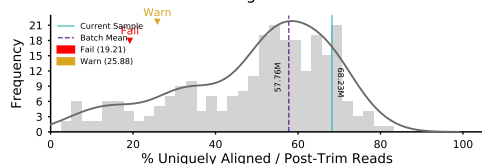
Sequencing Depth



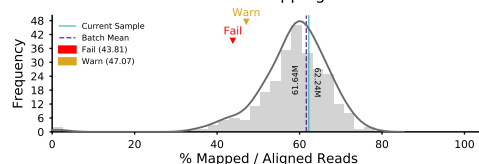
Trimming



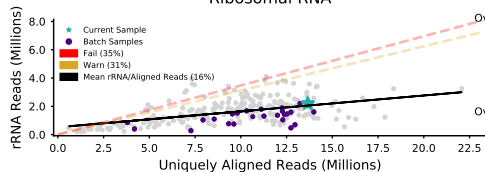
Alignment



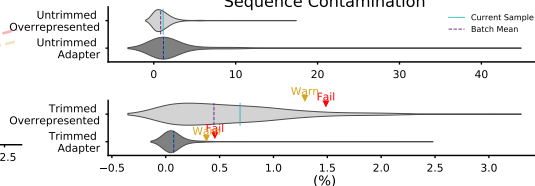
Exon Mapping



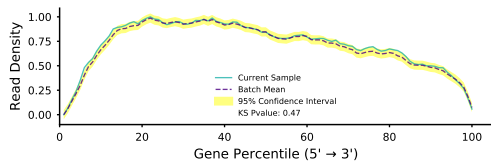
Ribosomal RNA



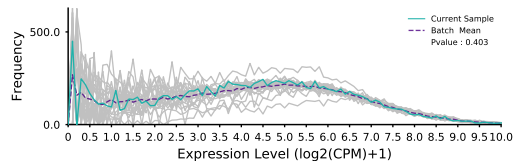
Sequence Contamination



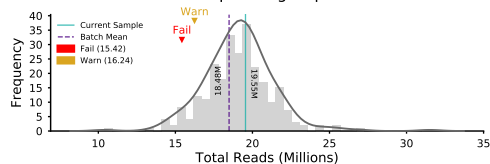
GeneBody Coverage



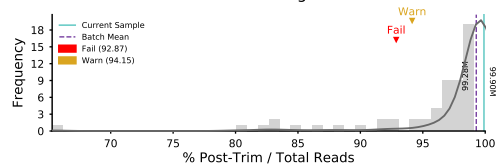
Gene Expression



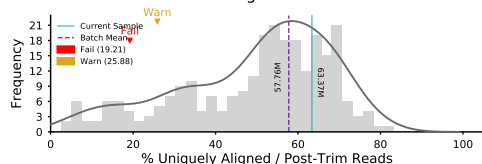
Sequencing Depth



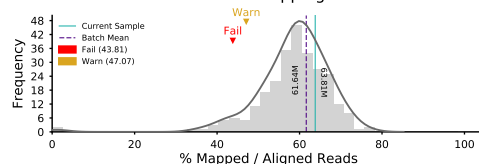
Trimming



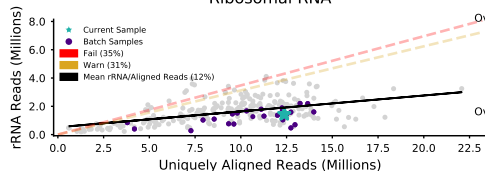
Alignment



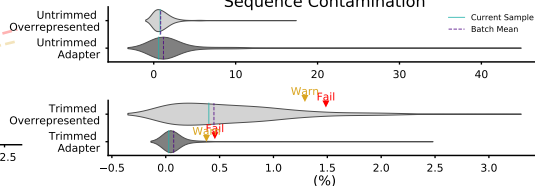
Exon Mapping



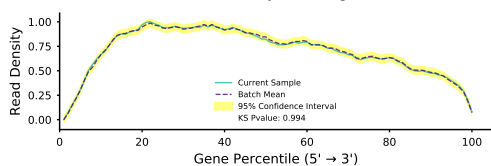
Ribosomal RNA



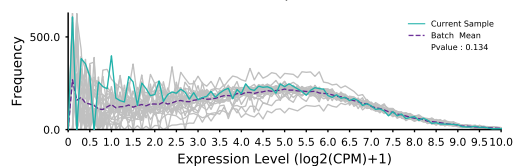
Sequence Contamination



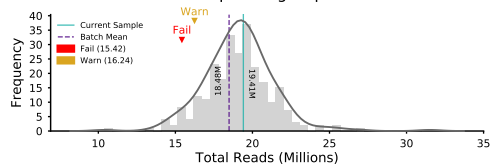
GeneBody Coverage



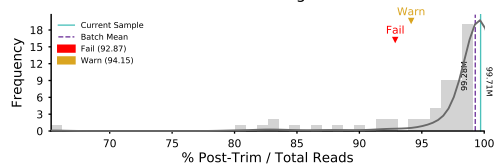
Gene Expression



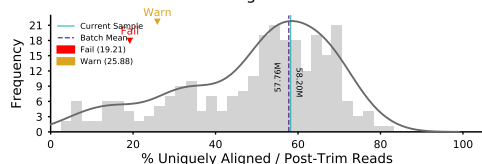
Sequencing Depth



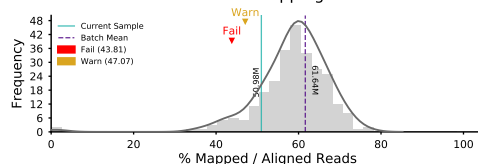
Trimming



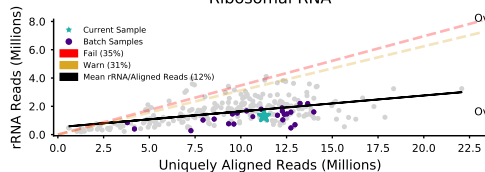
Alignment



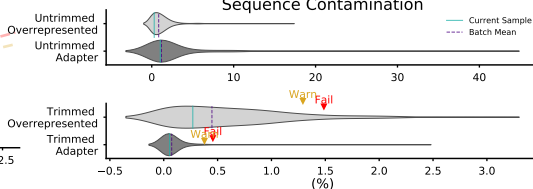
Exon Mapping



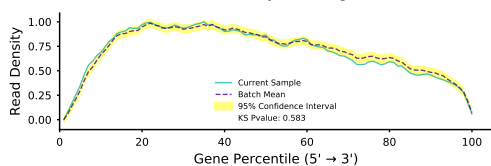
Ribosomal RNA



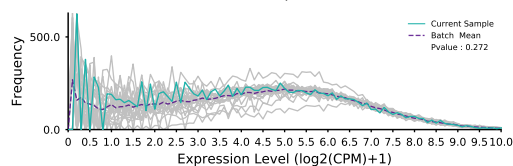
Sequence Contamination



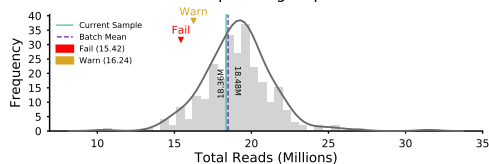
GeneBody Coverage



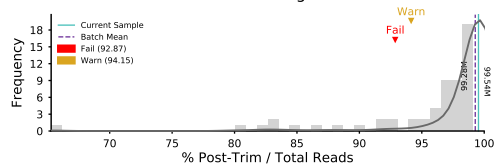
Gene Expression



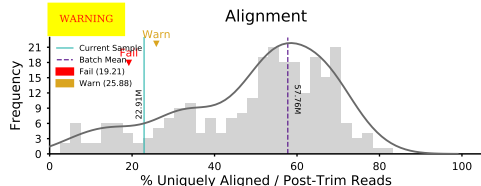
Sequencing Depth



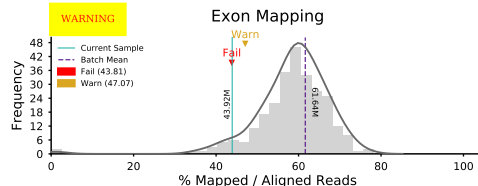
Trimming



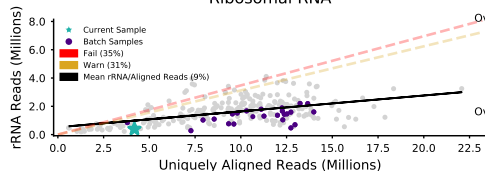
Alignment



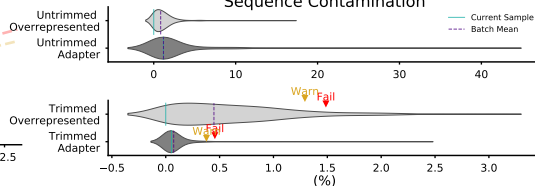
Exon Mapping



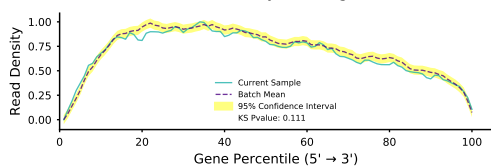
Ribosomal RNA



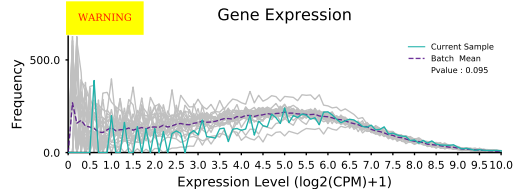
Sequence Contamination



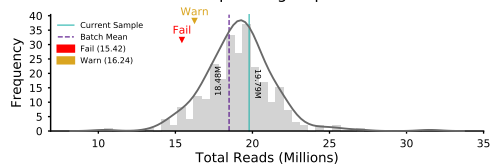
GeneBody Coverage



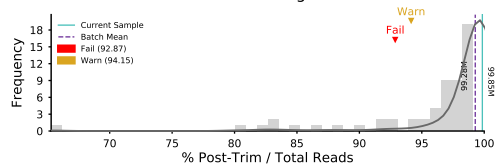
Gene Expression



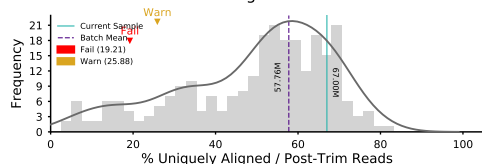
Sequencing Depth



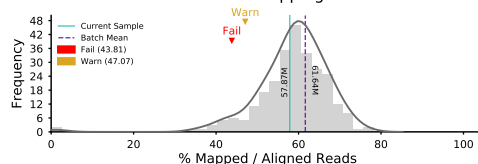
Trimming



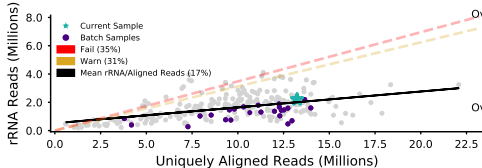
Alignment



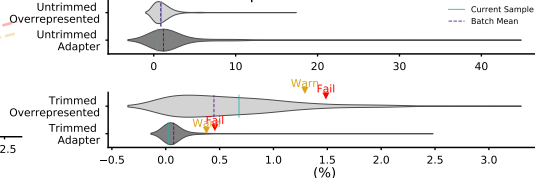
Exon Mapping



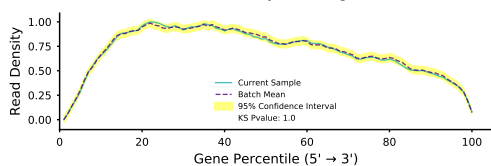
Ribosomal RNA



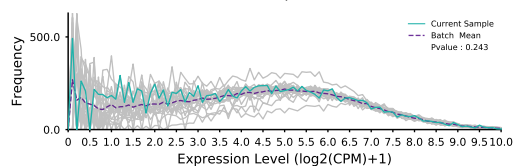
Sequence Contamination

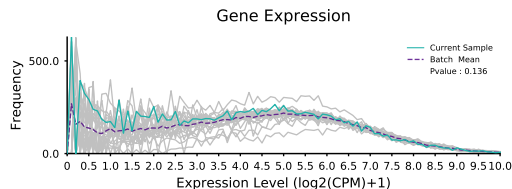
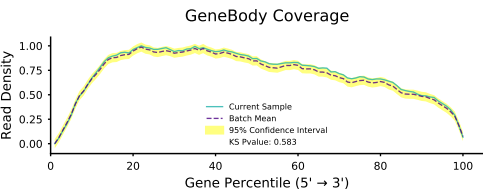
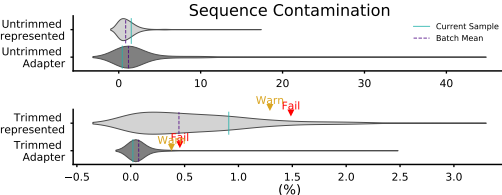
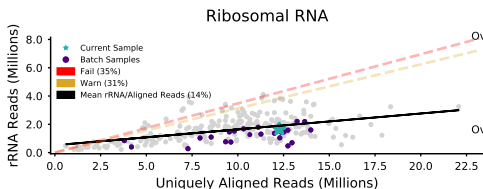
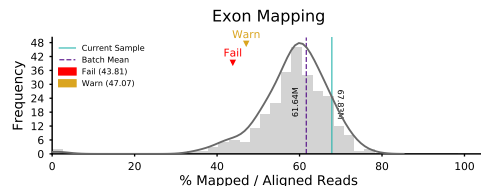
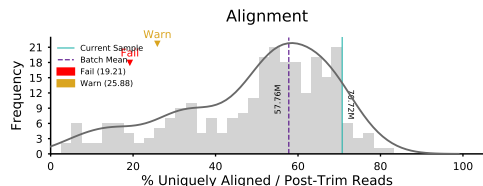
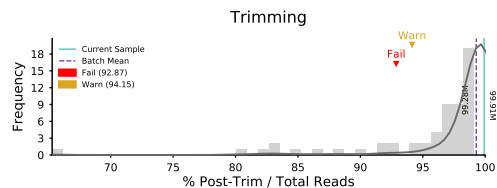
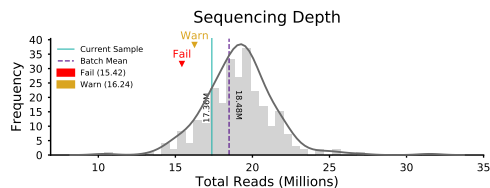


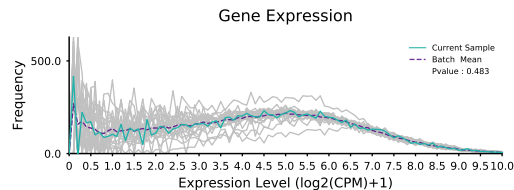
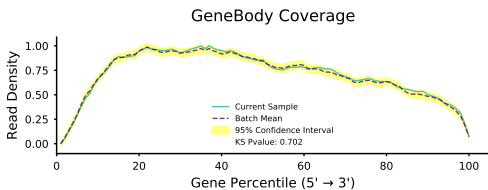
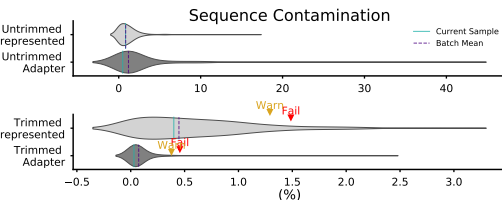
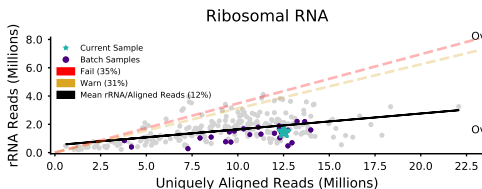
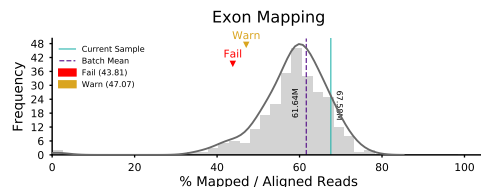
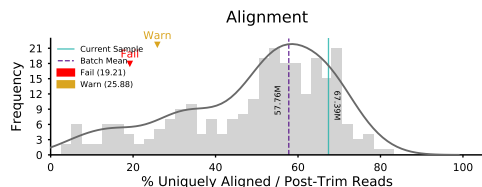
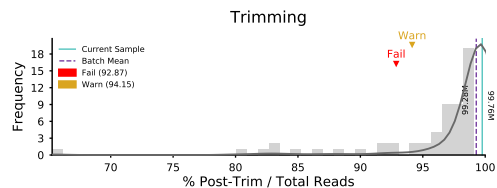
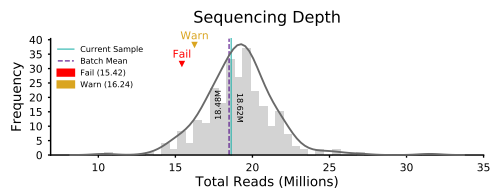
GeneBody Coverage



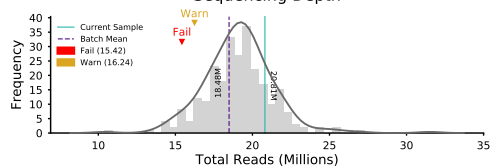
Gene Expression



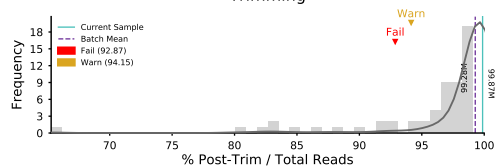




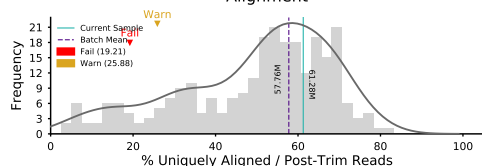
Sequencing Depth



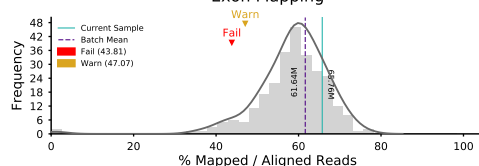
Trimming



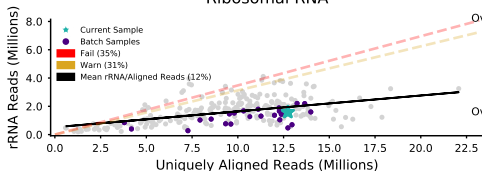
Alignment



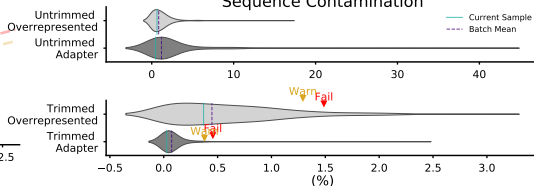
Exon Mapping



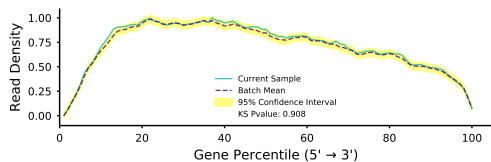
Ribosomal RNA



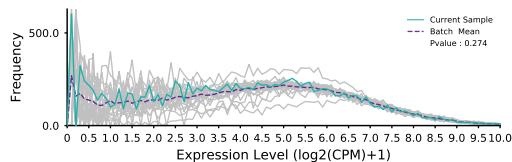
Sequence Contamination



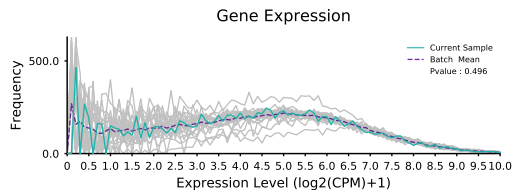
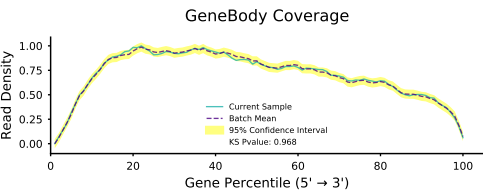
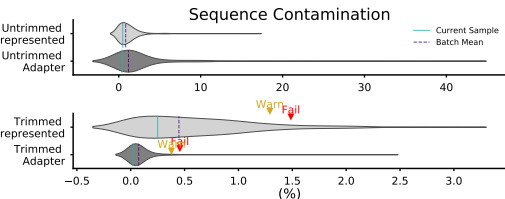
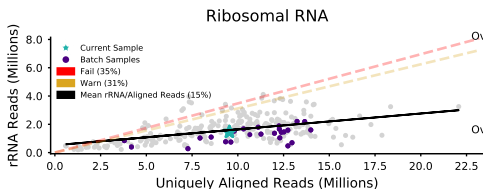
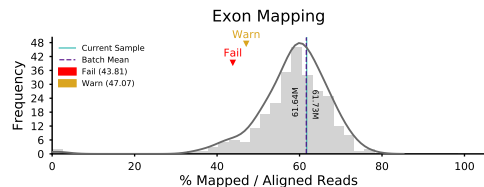
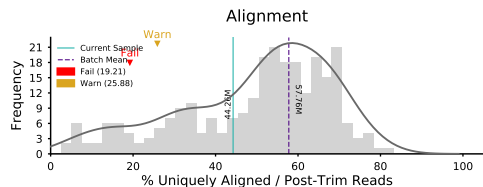
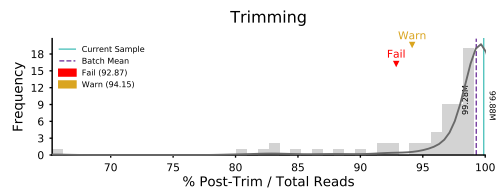
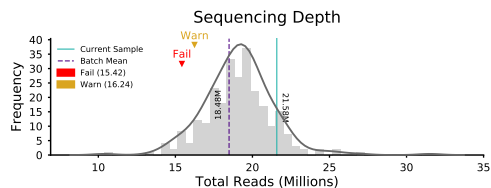
GeneBody Coverage

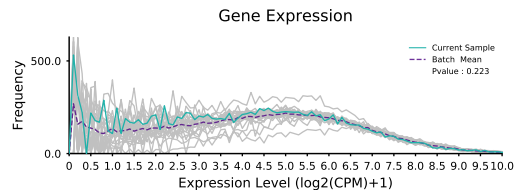
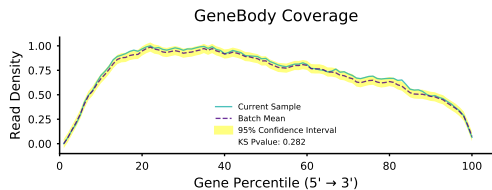
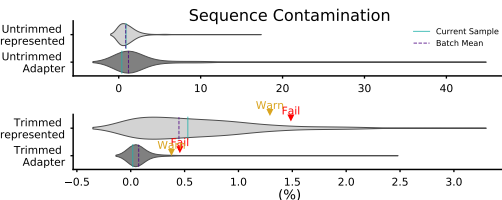
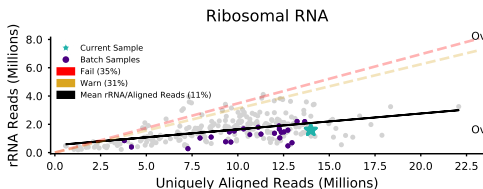
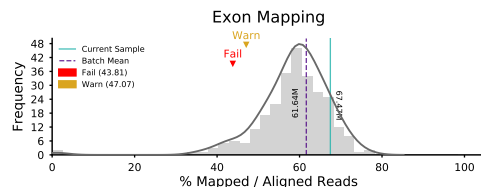
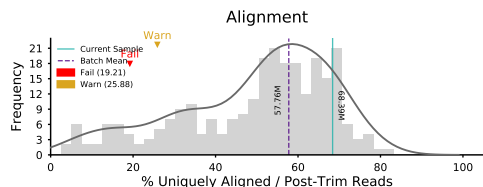
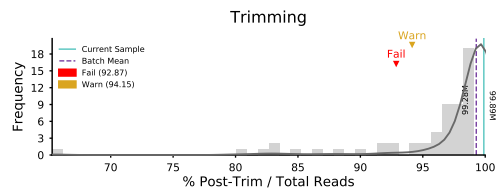
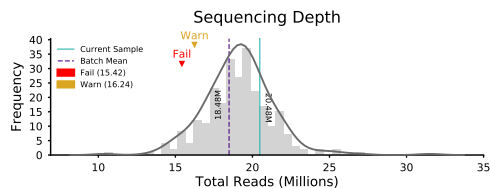


Gene Expression

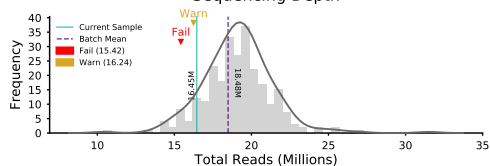




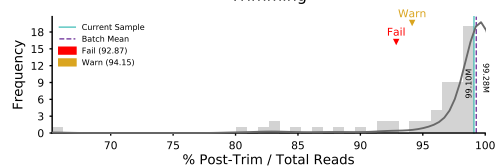




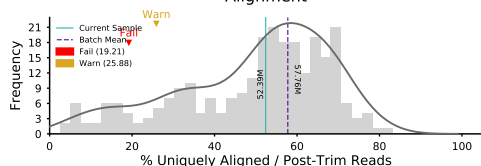
Sequencing Depth



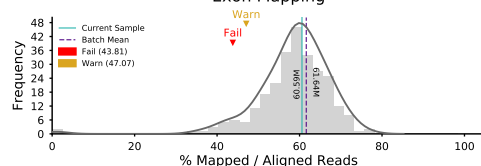
Trimming



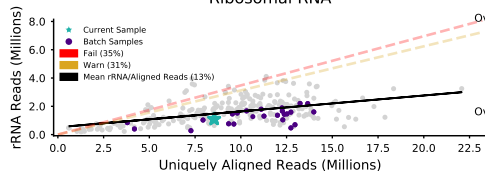
Alignment



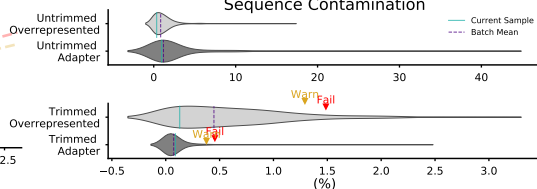
Exon Mapping



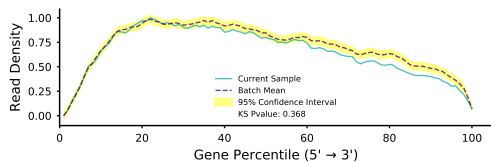
Ribosomal RNA



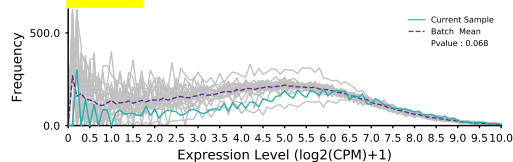
Sequence Contamination



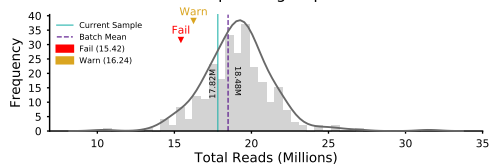
GeneBody Coverage



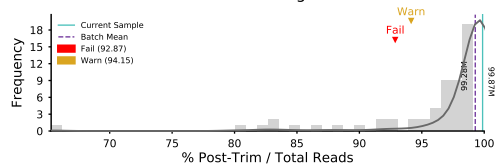
Gene Expression



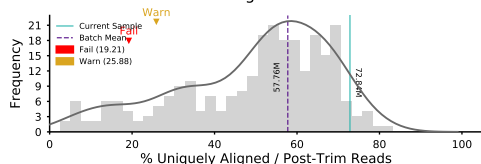
Sequencing Depth



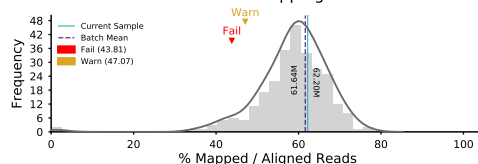
Trimming



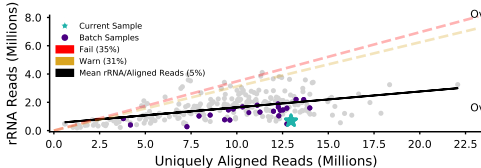
Alignment



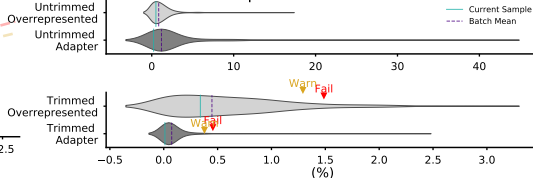
Exon Mapping



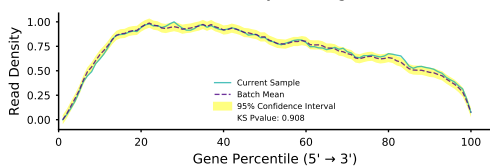
Ribosomal RNA



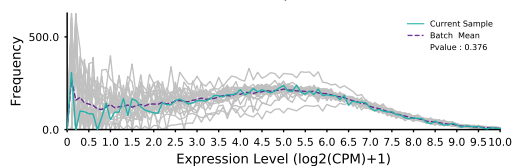
Sequence Contamination

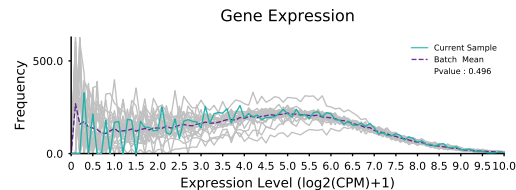
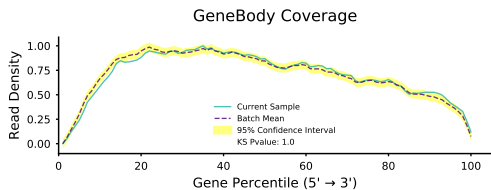
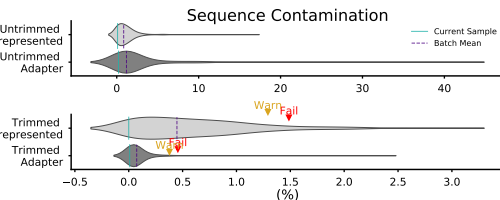
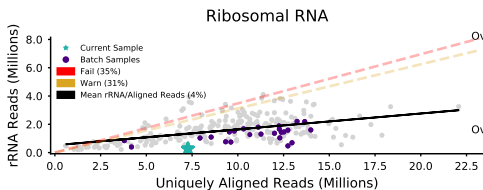
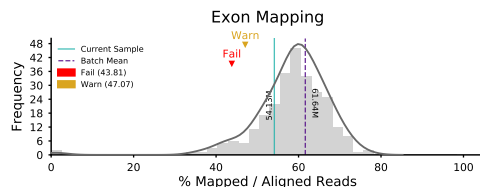
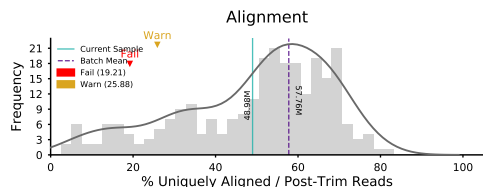
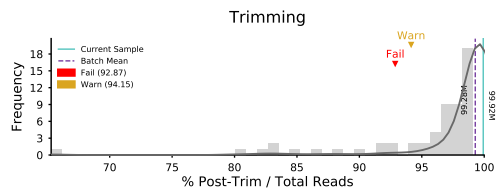
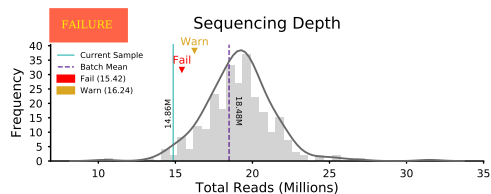


GeneBody Coverage

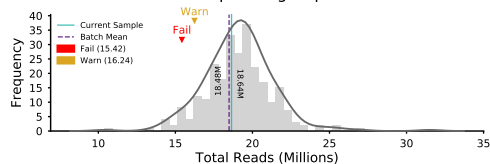


Gene Expression

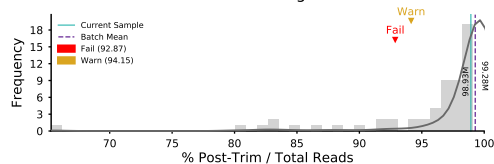




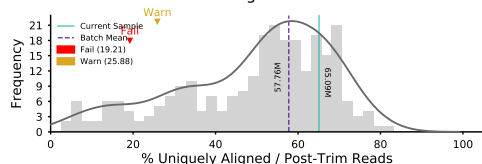
Sequencing Depth



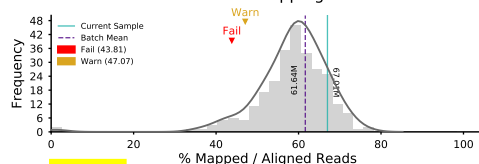
Trimming



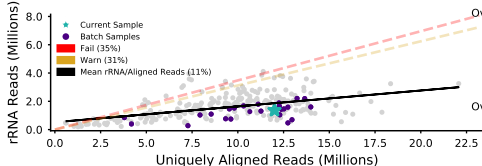
Alignment



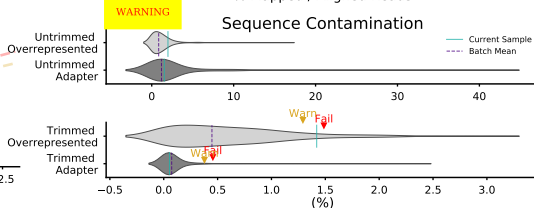
Exon Mapping



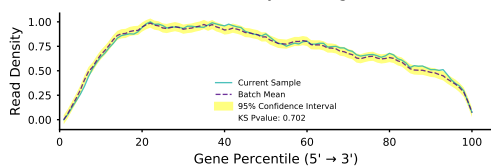
Ribosomal RNA



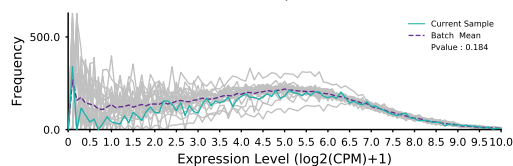
Sequence Contamination

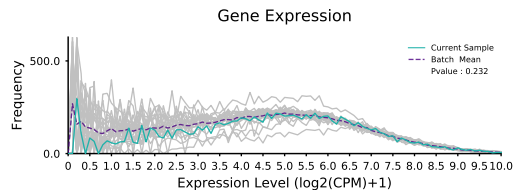
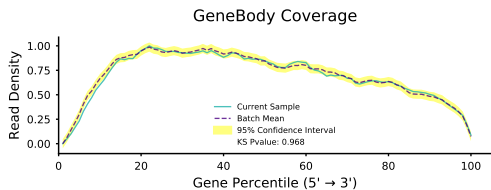
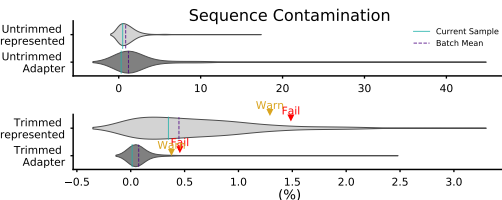
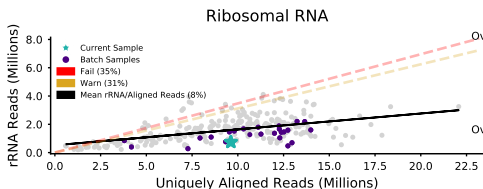
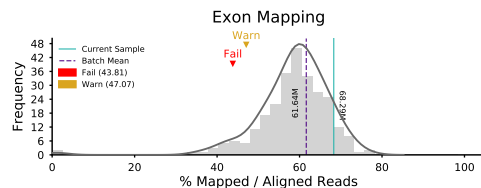
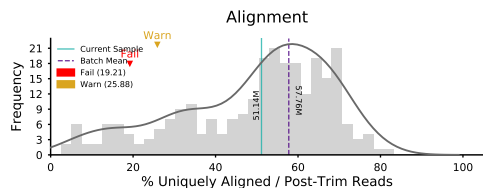
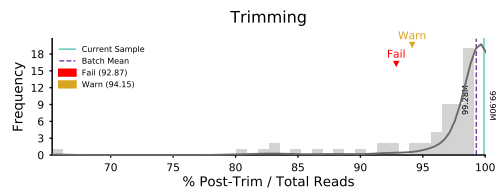
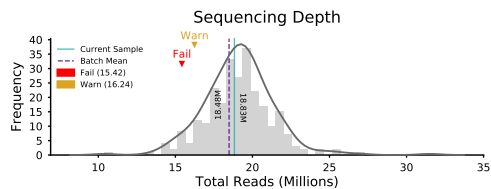


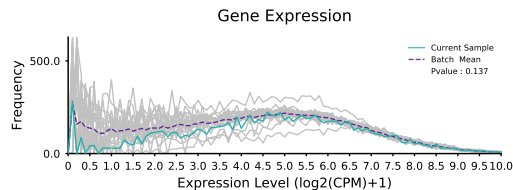
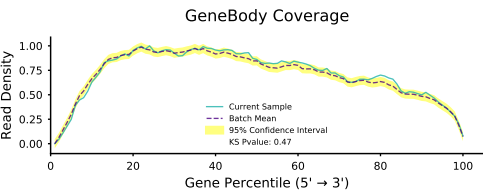
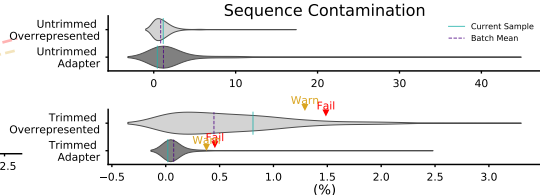
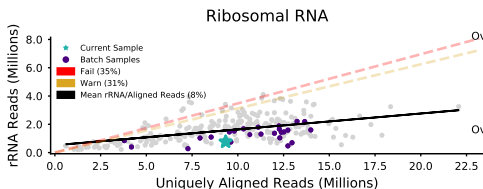
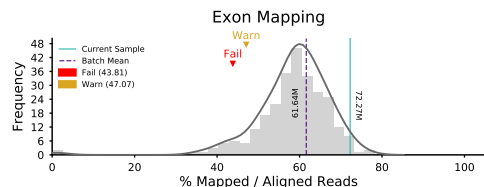
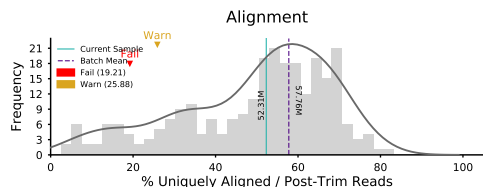
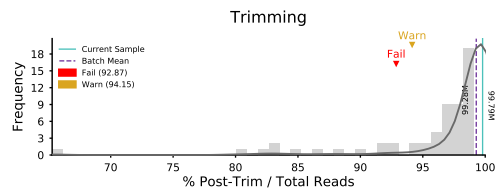
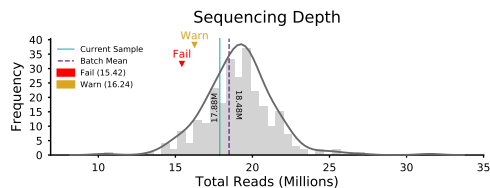
GeneBody Coverage



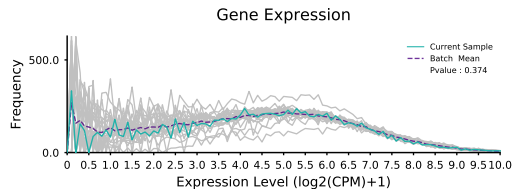
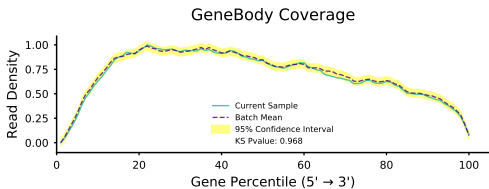
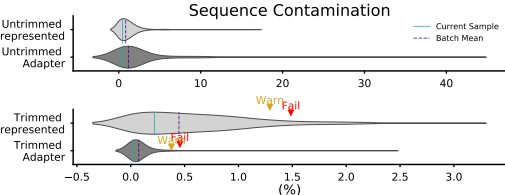
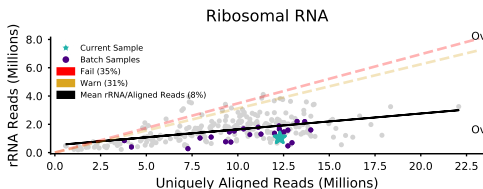
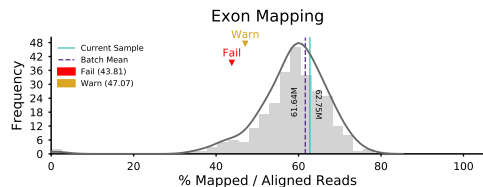
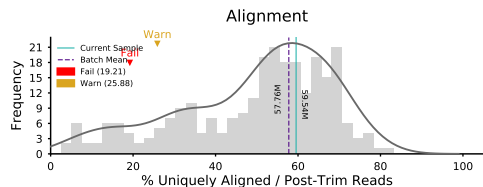
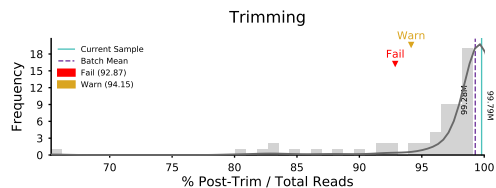
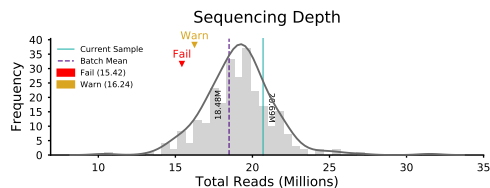
Gene Expression



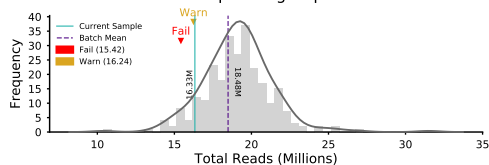




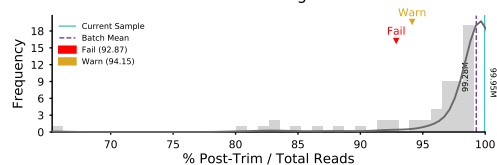




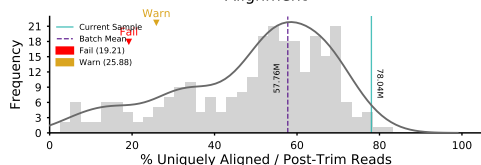
Sequencing Depth



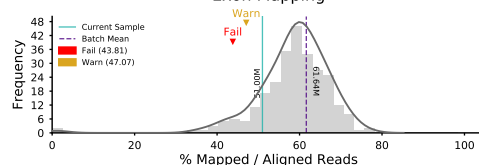
Trimming



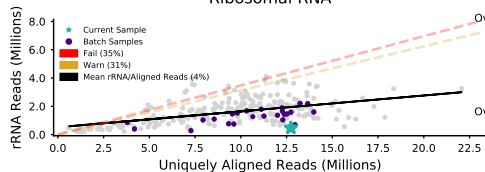
Alignment



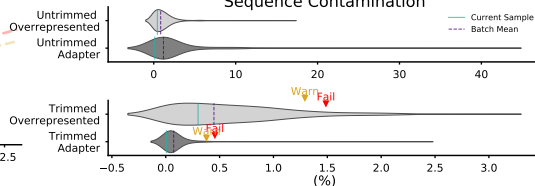
Exon Mapping



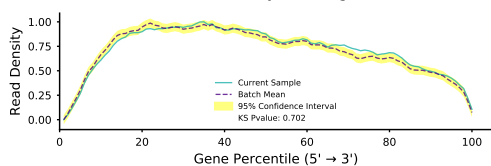
Ribosomal RNA



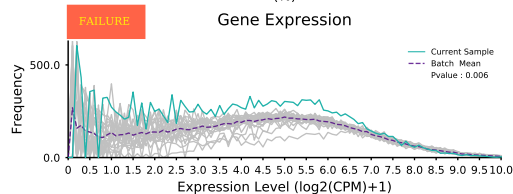
Sequence Contamination



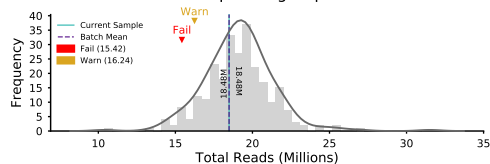
GeneBody Coverage



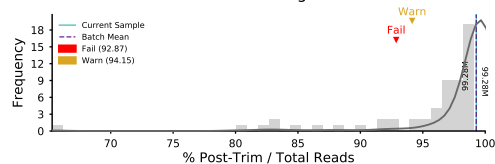
Gene Expression



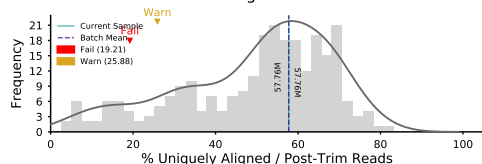
Sequencing Depth



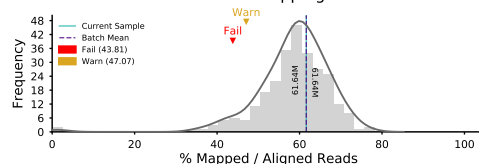
Trimming



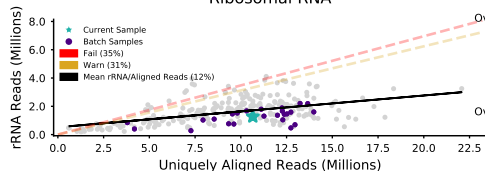
Alignment



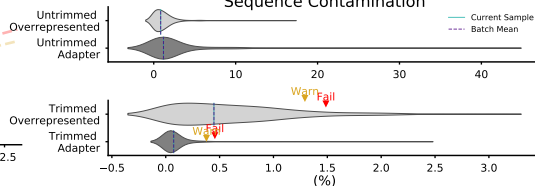
Exon Mapping



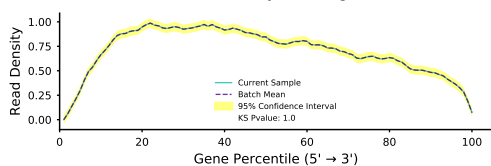
Ribosomal RNA



Sequence Contamination



GeneBody Coverage



Gene Expression

