

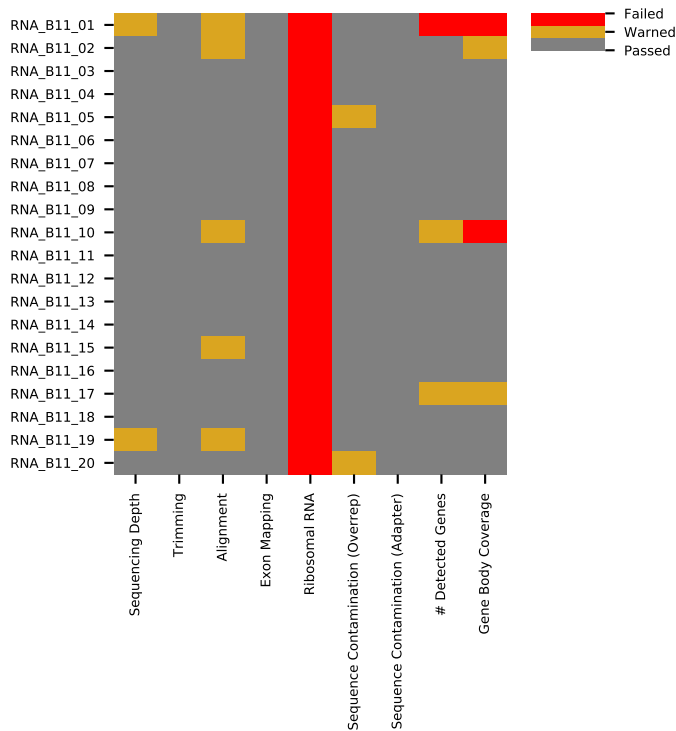
# QC Plotter Input Summary

Input table = /projects/b1063/Gaurav/pyRetroPlotter/data/USER\_testData\_B11\_2023\_4\_13.csv  
Output location = /projects/b1063/Gaurav/pyRetroPlotter/SCRIPTB11\_man\_cutoffs.pdf  
Background table = data/SCRIPTretro\_masterStatistics\_allBatches\_2023\_4\_13.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\_4\_13.xlsx

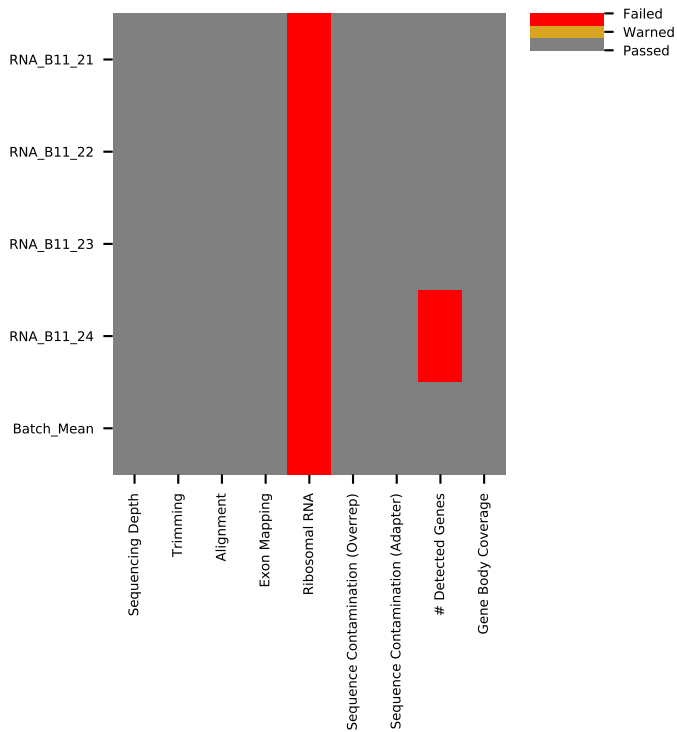
*Warn cutoffs: Default alpha =0.1| Sequencing Depth = 15| Trimming = 80| Alignment = 50| Gene Exon Mapping = 30  
| Ribosomal RNA = 0.312| Adapter Contamination = 1| Overrep. Seq Contamination = 1| Gene Body Coverage = 0.1| Detected Genes = 9925*

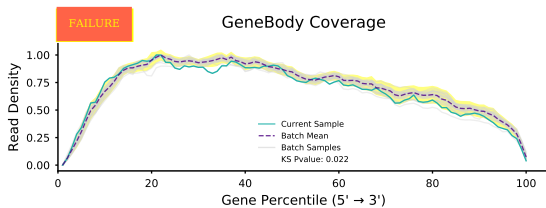
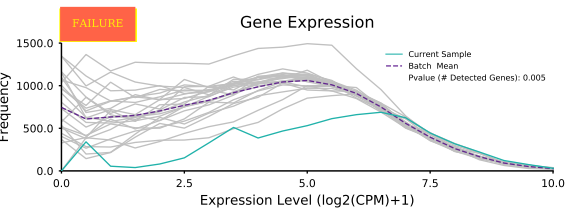
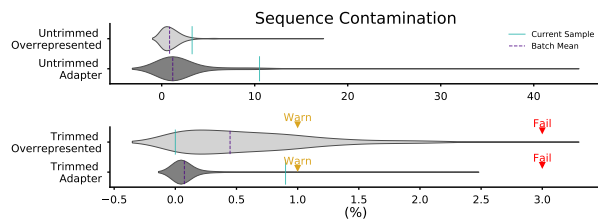
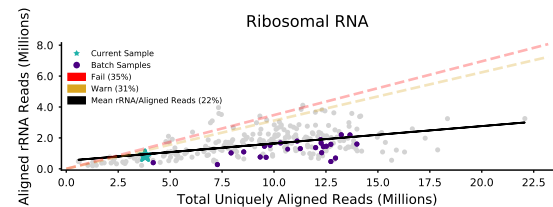
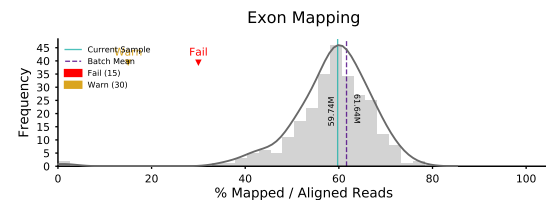
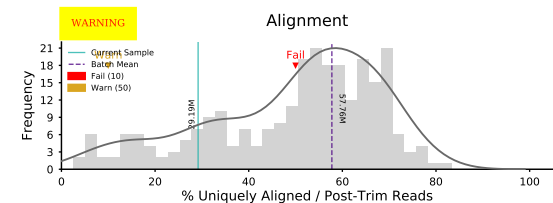
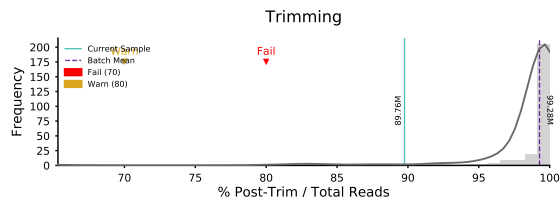
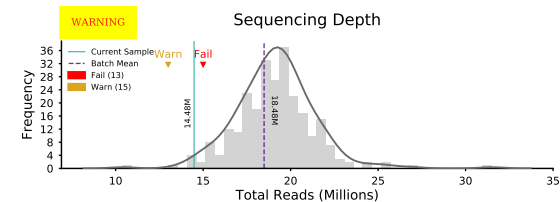
*Fail cutoffs: Default alpha =0.05| Sequencing Depth = 13| Trimming = 70| Alignment = 10| Gene Exon Mapping = 15  
| Ribosomal RNA = 0.348| Adapter Contamination = 3| Overrep. Seq Contamination = 3| Gene Body Coverage = 0.05| Detected Genes = 8988*

## Summary of QC Metrics

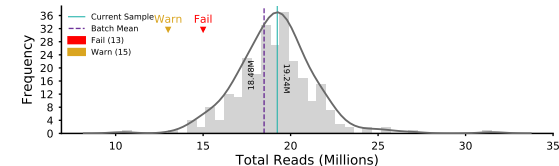


## Summary of QC Metrics

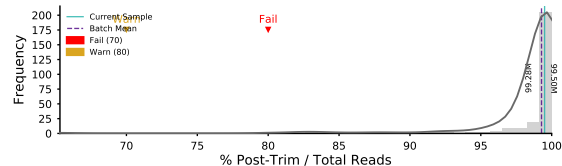




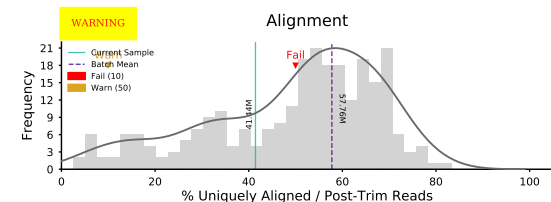
## Sequencing Depth



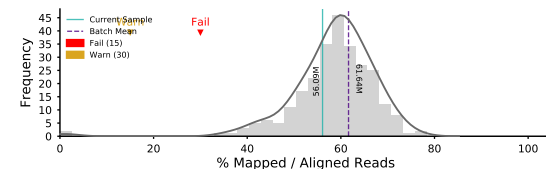
## Trimming



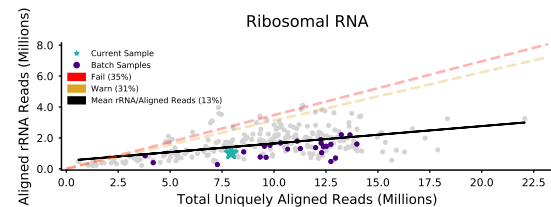
## Alignment



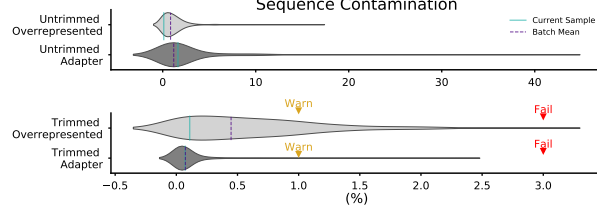
## Exon Mapping



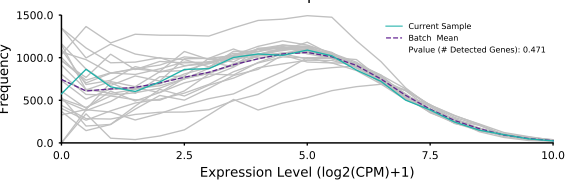
## Ribosomal RNA



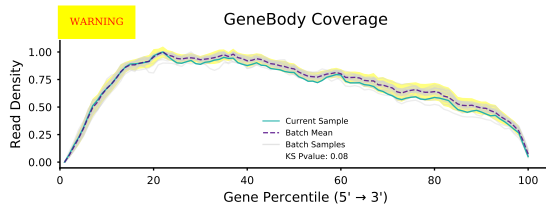
## Sequence Contamination



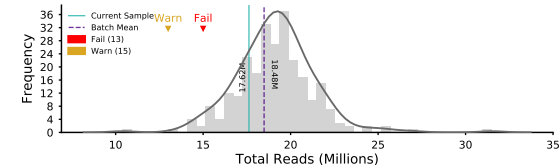
## Gene Expression



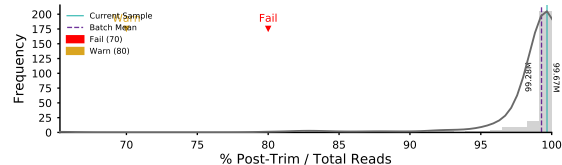
## GeneBody Coverage



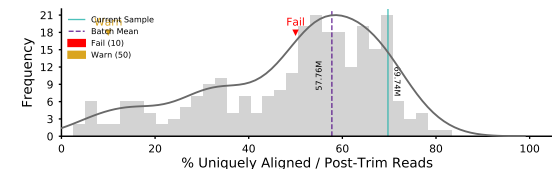
## Sequencing Depth



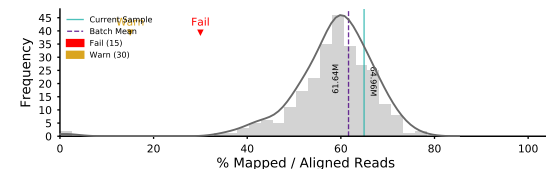
## Trimming



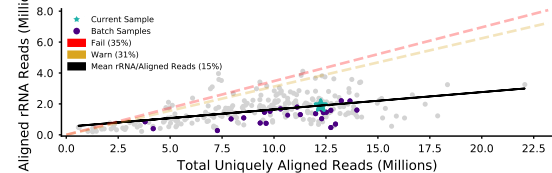
## Alignment



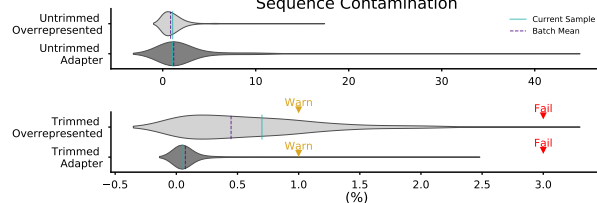
## Exon Mapping



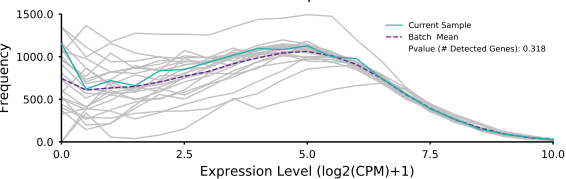
## Ribosomal RNA



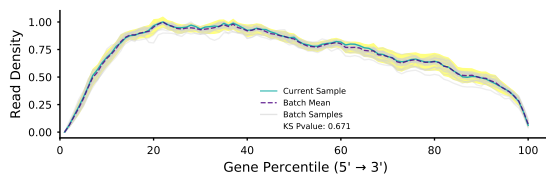
## Sequence Contamination



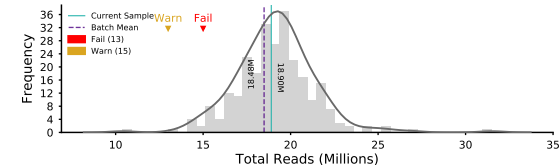
## Gene Expression



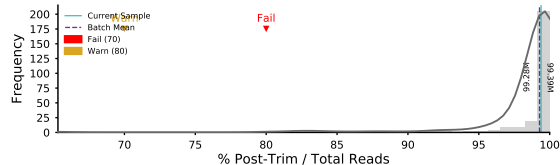
## GeneBody Coverage



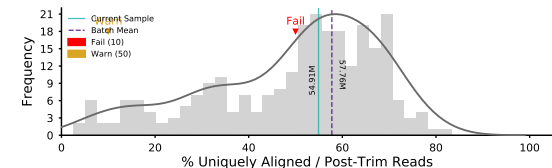
## Sequencing Depth



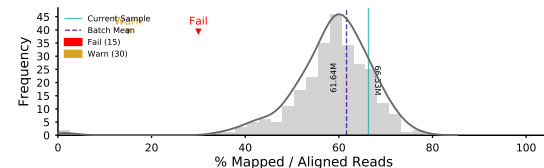
## Trimming



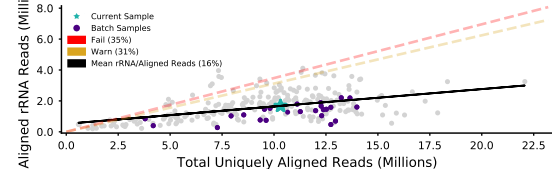
## Alignment



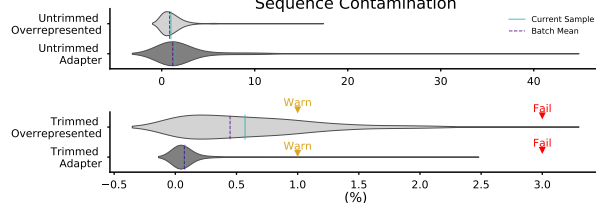
## Exon Mapping



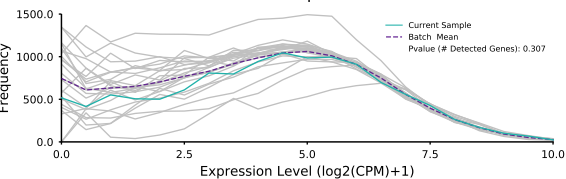
## Ribosomal RNA



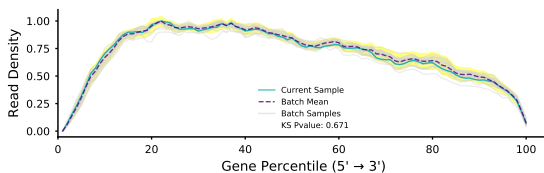
## Sequence Contamination



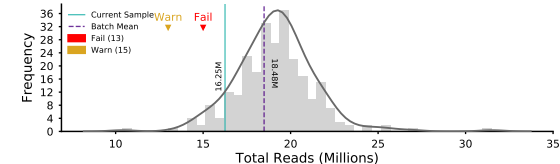
## Gene Expression



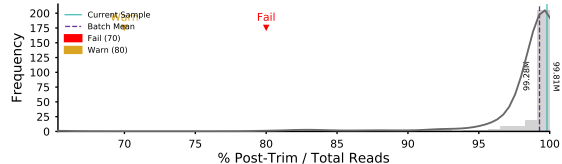
## GeneBody Coverage



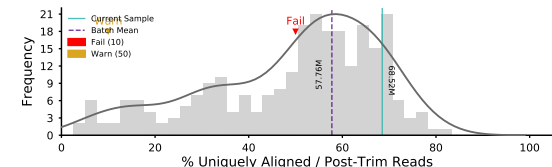
## Sequencing Depth



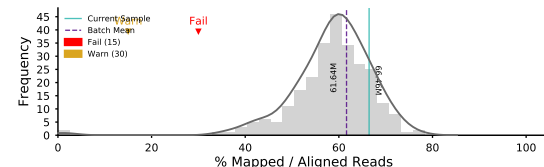
## Trimming



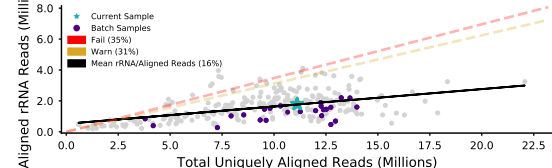
## Alignment



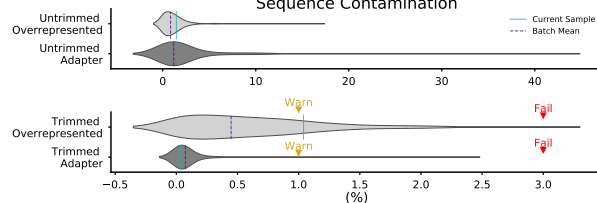
## Exon Mapping



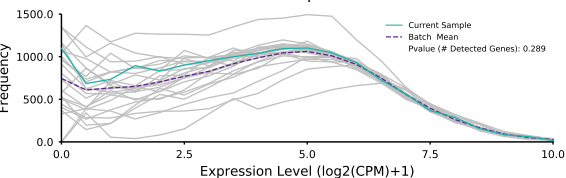
## Ribosomal RNA



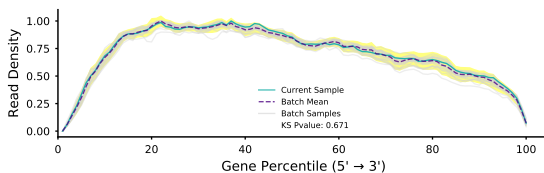
## Sequence Contamination



## Gene Expression

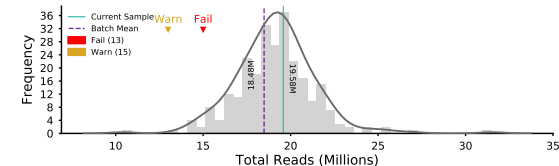


## GeneBody Coverage

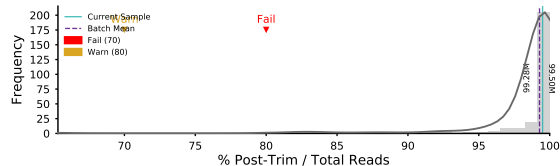




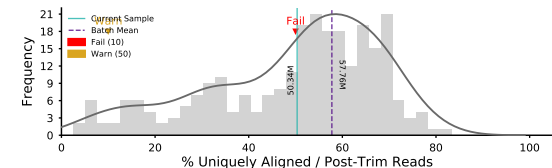
## Sequencing Depth



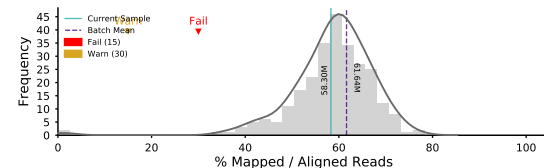
## Trimming



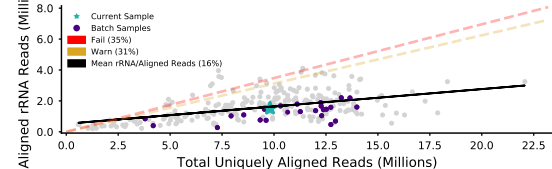
## Alignment



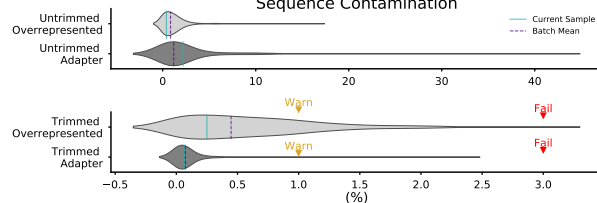
## Exon Mapping



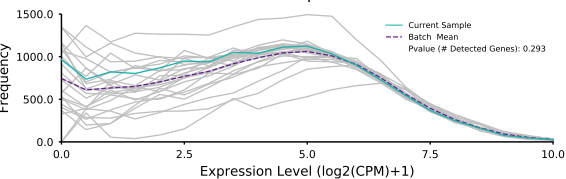
## Ribosomal RNA



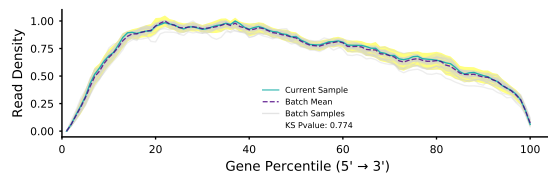
## Sequence Contamination



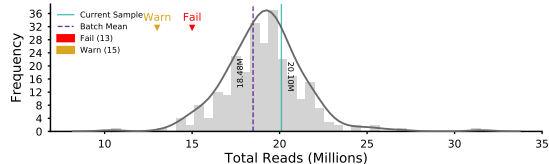
## Gene Expression



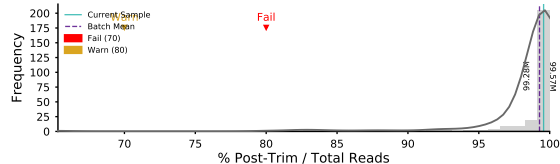
## GeneBody Coverage



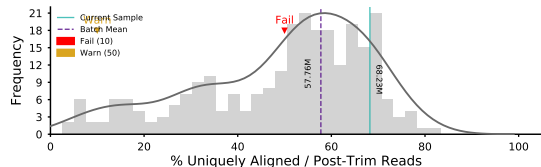
## Sequencing Depth



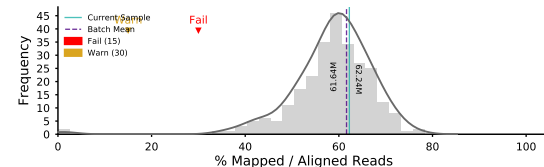
## Trimming



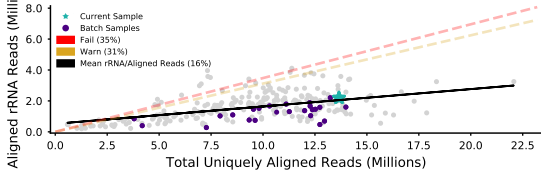
## Alignment



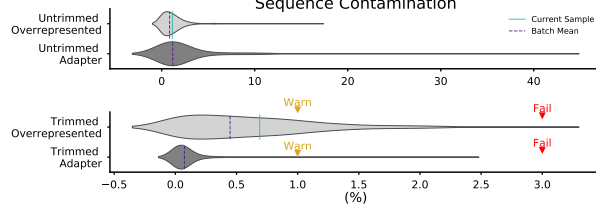
## Exon Mapping



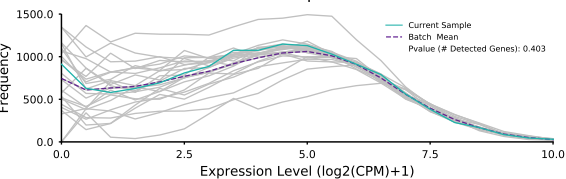
## Ribosomal RNA



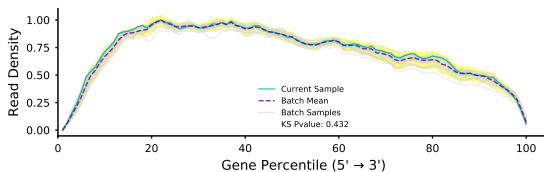
## Sequence Contamination



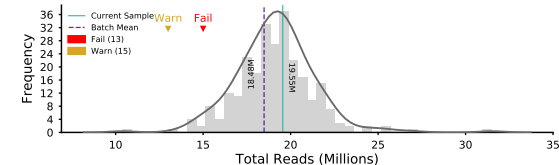
## Gene Expression



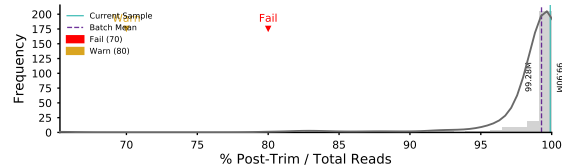
## GeneBody Coverage



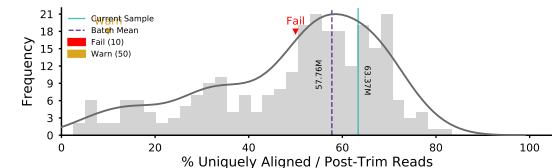
## Sequencing Depth



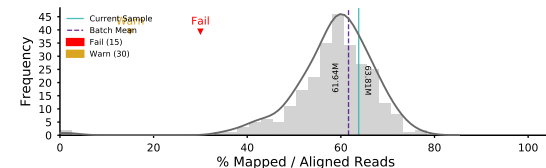
## Trimming



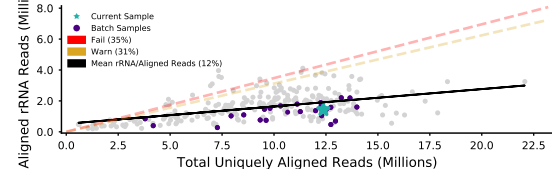
## Alignment



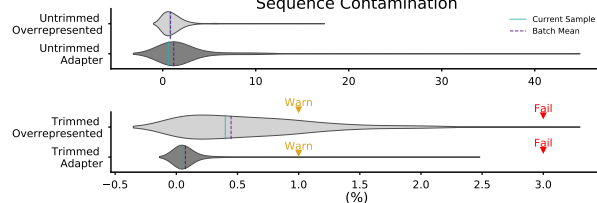
## Exon Mapping



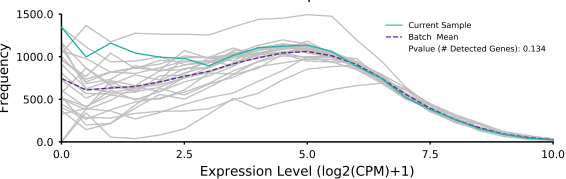
## Ribosomal RNA



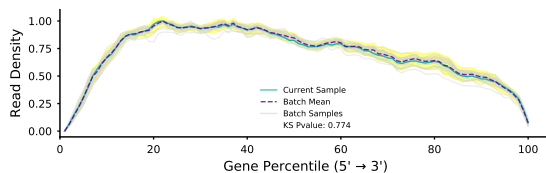
## Sequence Contamination



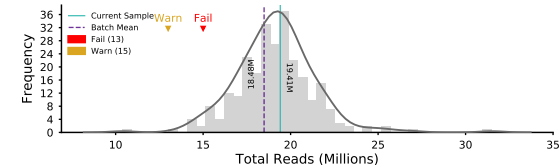
## Gene Expression



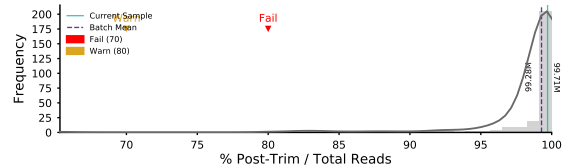
## GeneBody Coverage



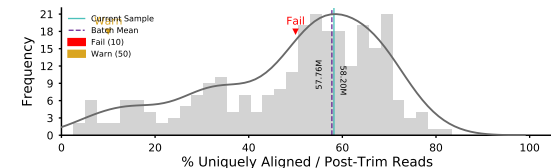
## Sequencing Depth



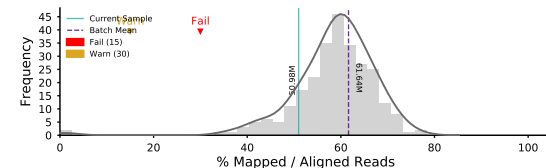
## Trimming



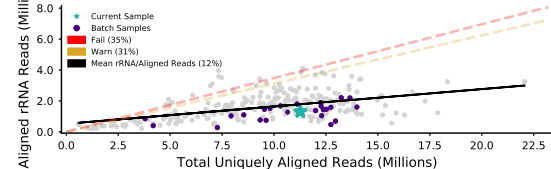
## Alignment



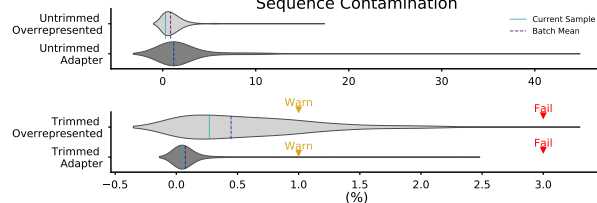
## Exon Mapping



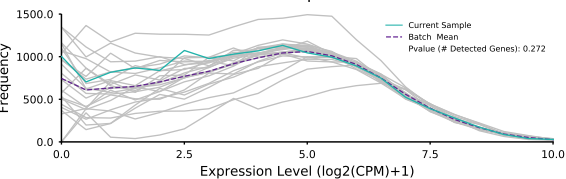
## Ribosomal RNA



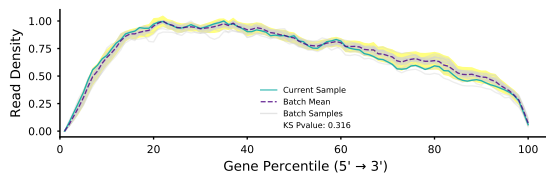
## Sequence Contamination



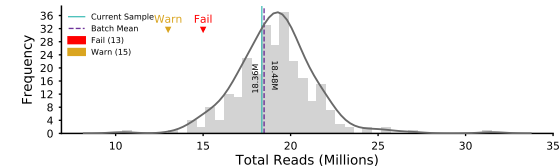
## Gene Expression



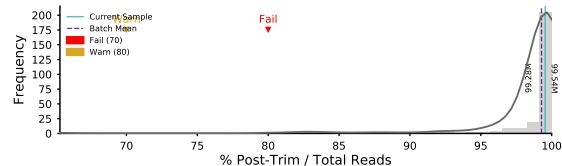
## GeneBody Coverage



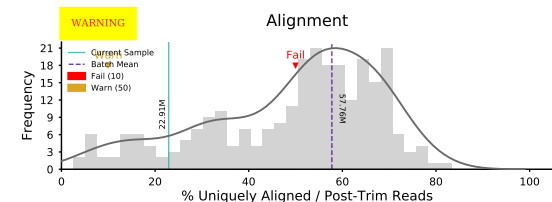
## Sequencing Depth



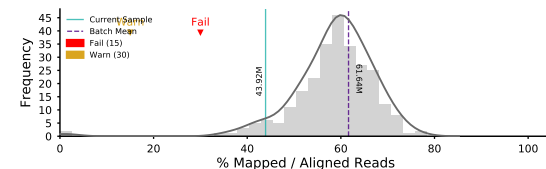
## Trimming



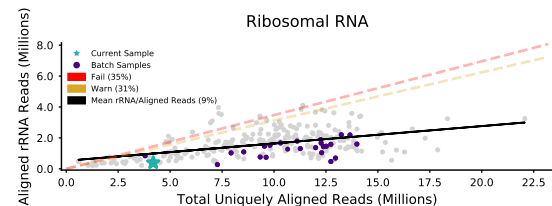
## Alignment



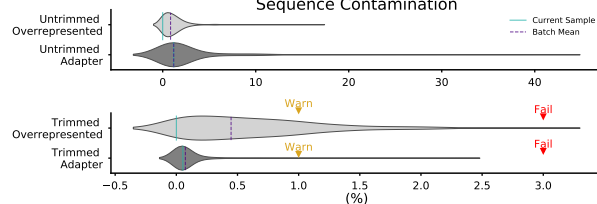
## Exon Mapping



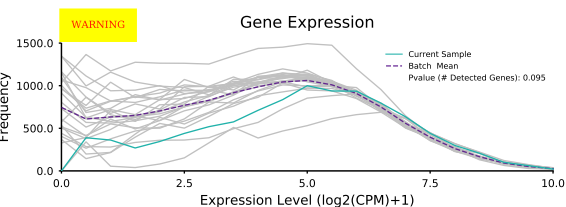
## Ribosomal RNA



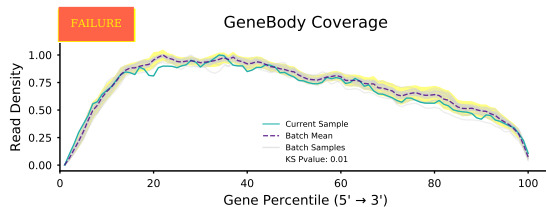
## Sequence Contamination



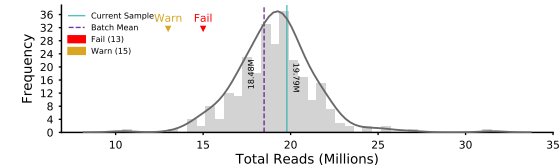
## Gene Expression



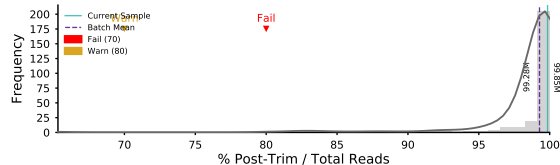
## GeneBody Coverage



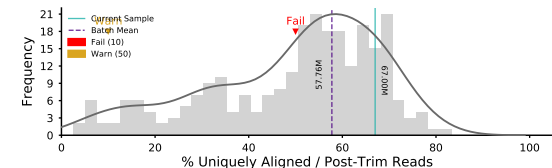
## Sequencing Depth



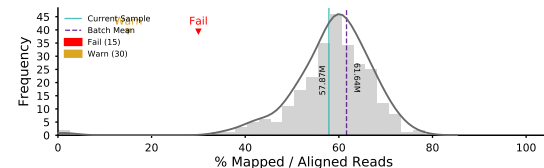
## Trimming



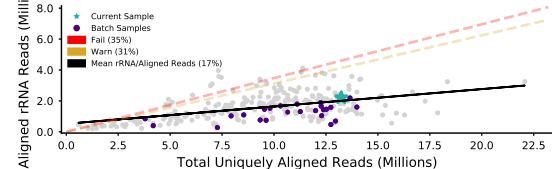
## Alignment



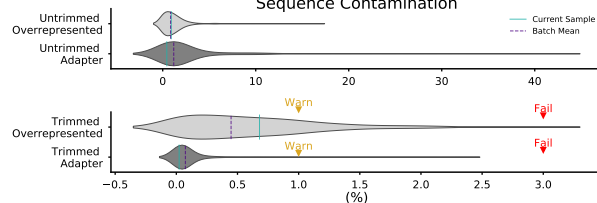
## Exon Mapping



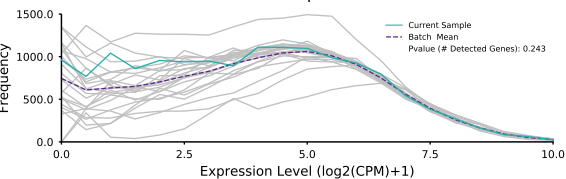
## Ribosomal RNA



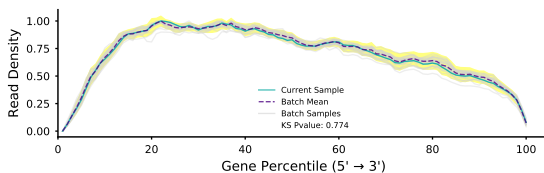
## Sequence Contamination



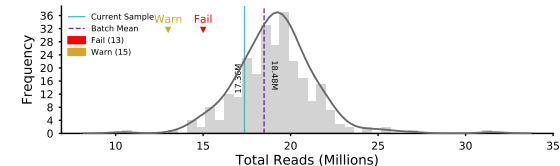
## Gene Expression



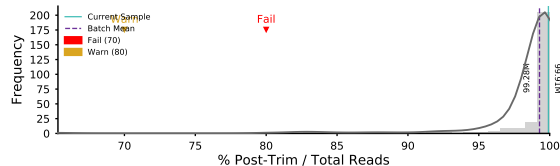
## GeneBody Coverage



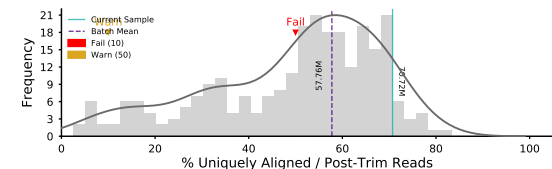
## Sequencing Depth



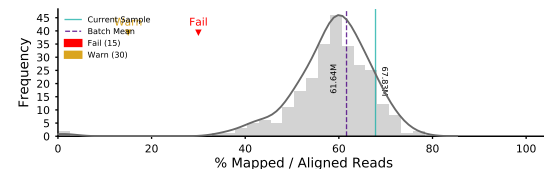
## Trimming



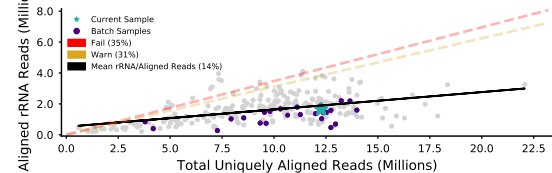
## Alignment



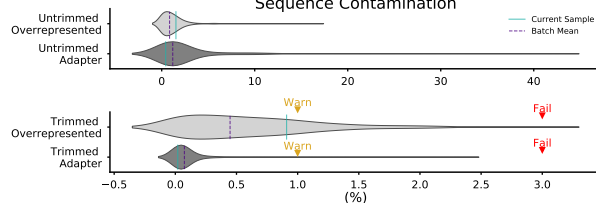
## Exon Mapping



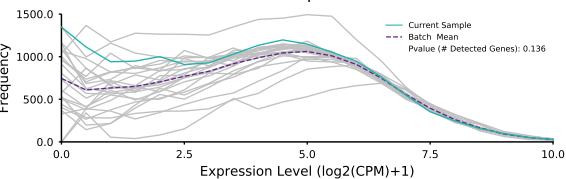
## Ribosomal RNA



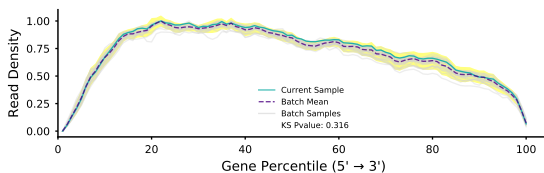
## Sequence Contamination



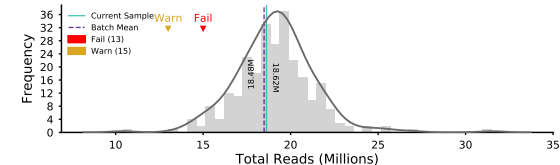
## Gene Expression



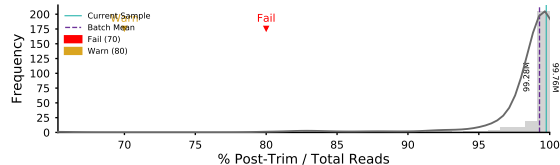
## GeneBody Coverage



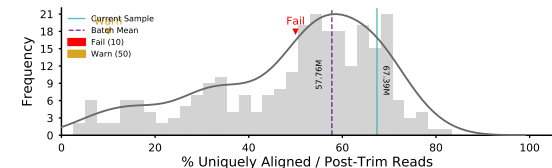
## Sequencing Depth



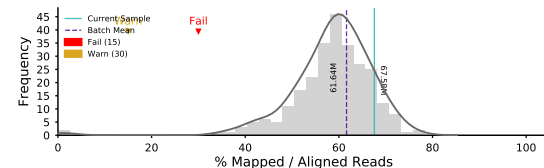
## Trimming



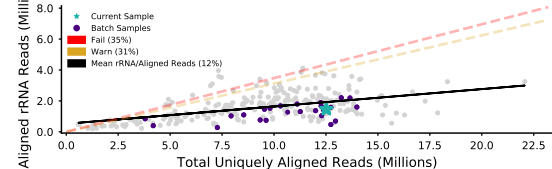
## Alignment



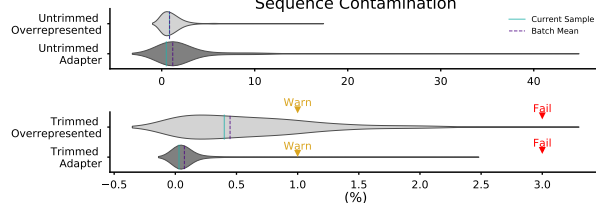
## Exon Mapping



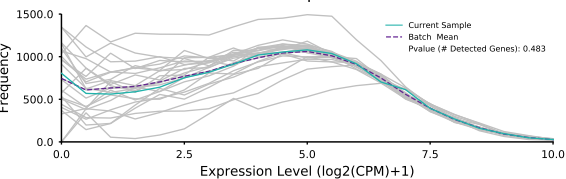
## Ribosomal RNA



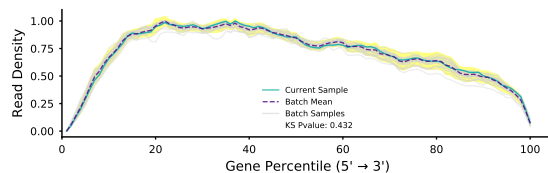
## Sequence Contamination



## Gene Expression

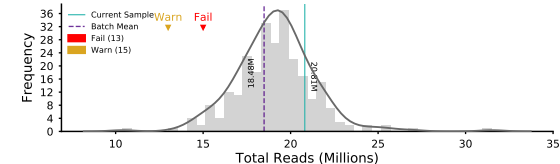


## GeneBody Coverage

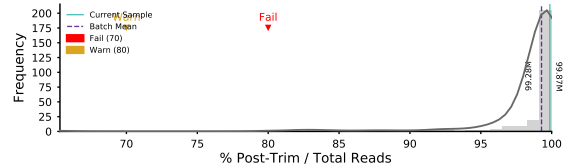




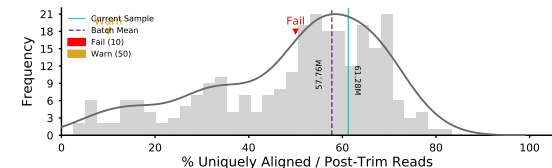
## Sequencing Depth



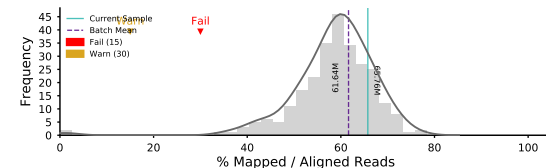
## Trimming



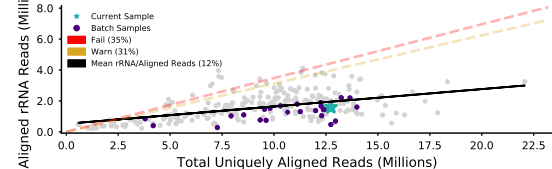
## Alignment



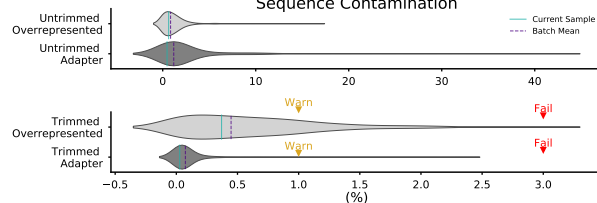
## Exon Mapping



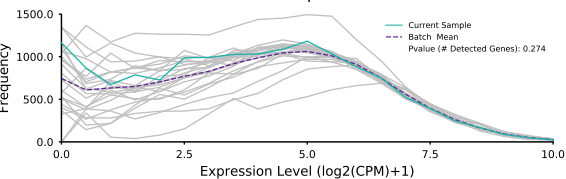
## Ribosomal RNA



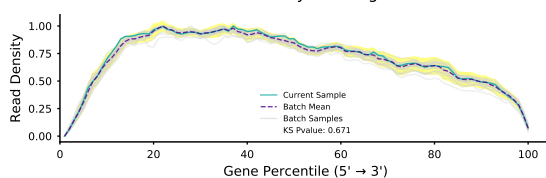
## Sequence Contamination



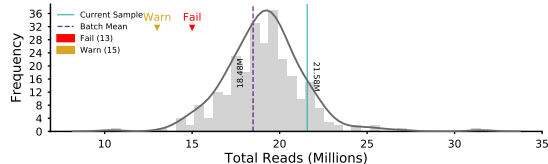
## Gene Expression



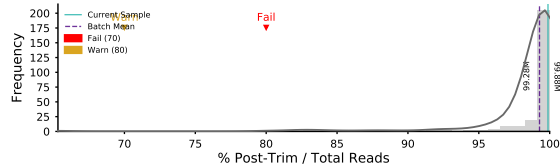
## GeneBody Coverage



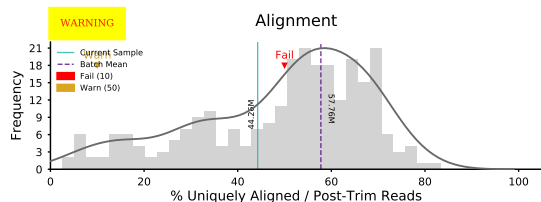
## Sequencing Depth



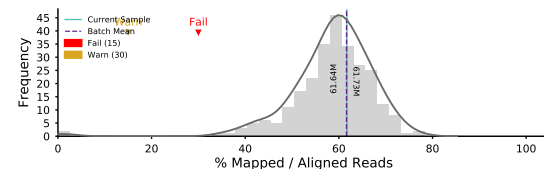
## Trimming



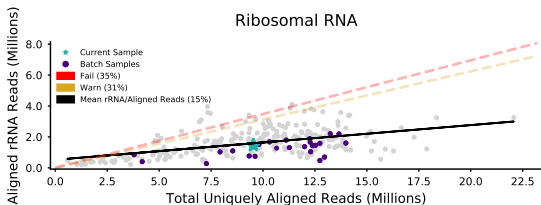
## Alignment



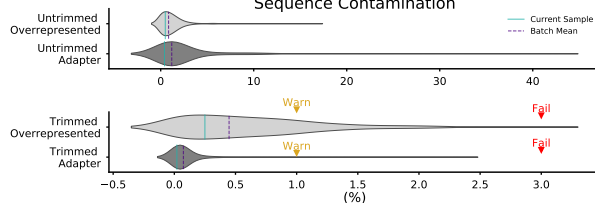
## Exon Mapping



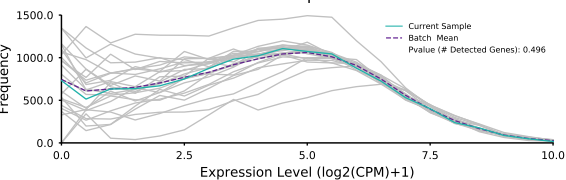
## Ribosomal RNA



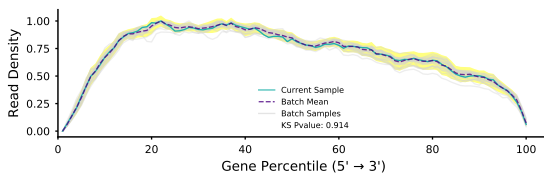
## Sequence Contamination



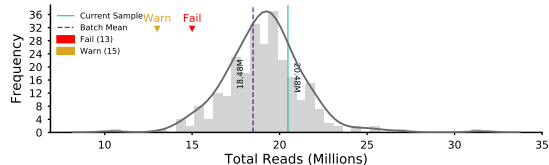
## Gene Expression



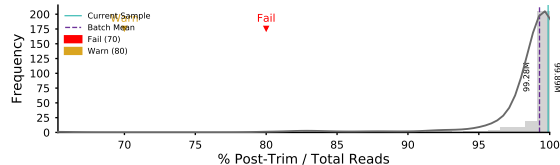
## GeneBody Coverage



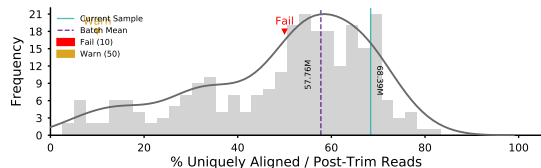
## Sequencing Depth



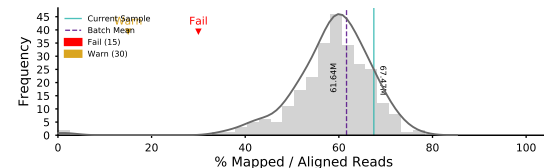
## Trimming



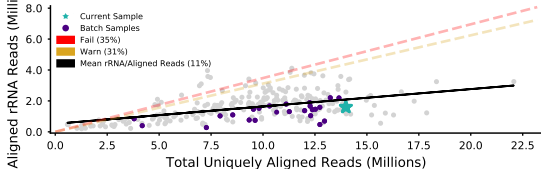
## Alignment



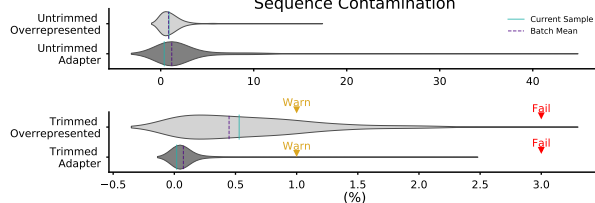
## Exon Mapping



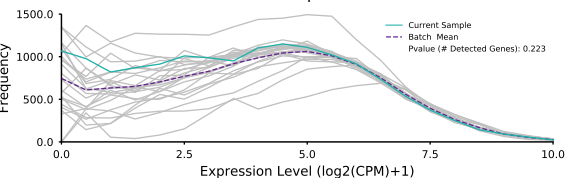
## Ribosomal RNA



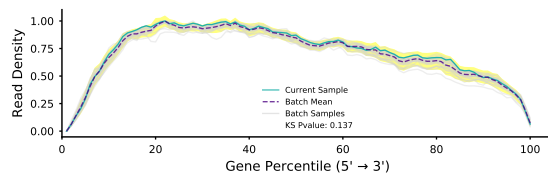
## Sequence Contamination



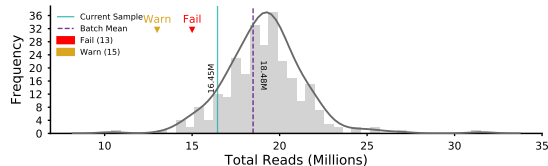
## Gene Expression



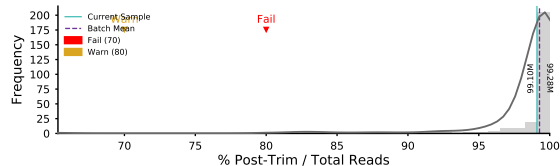
## GeneBody Coverage



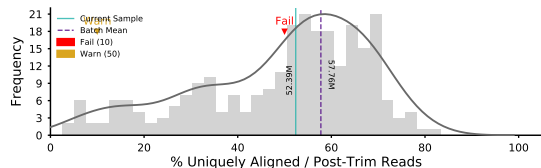
## Sequencing Depth



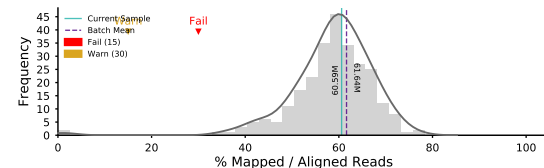
## Trimming



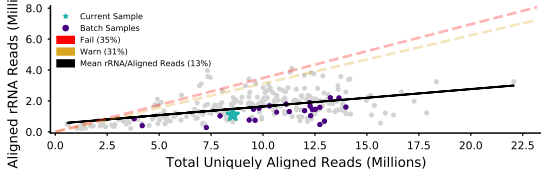
## Alignment



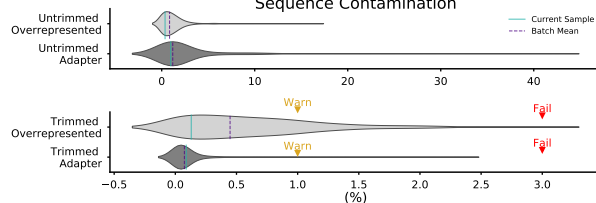
## Exon Mapping



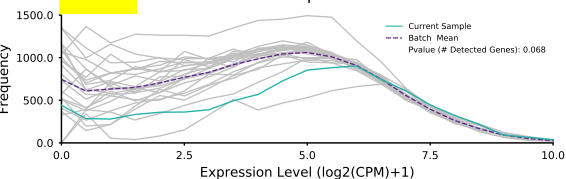
## Ribosomal RNA



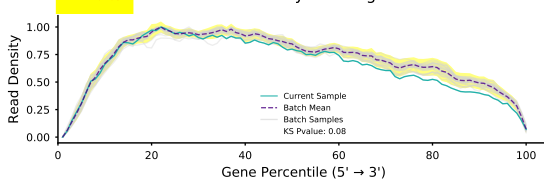
## Sequence Contamination



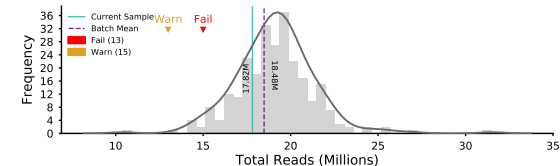
## Gene Expression



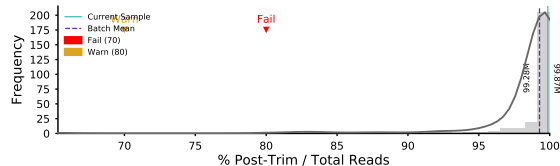
## GeneBody Coverage



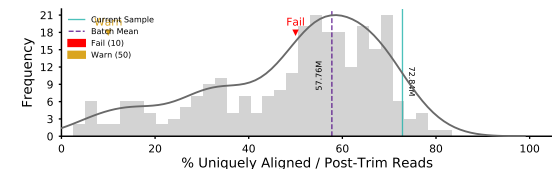
## Sequencing Depth



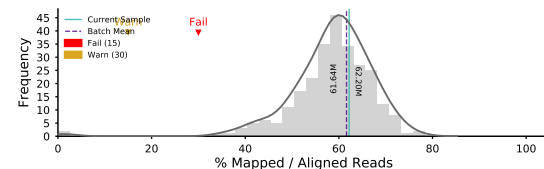
## Trimming



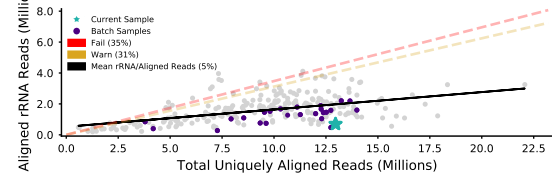
## Alignment



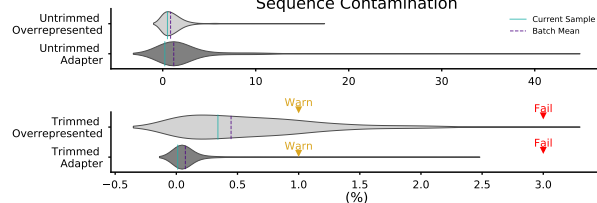
## Exon Mapping



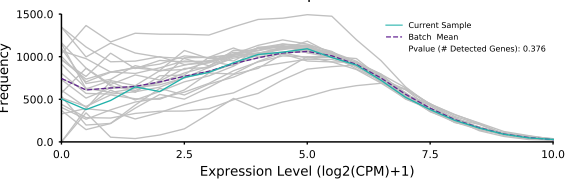
## Ribosomal RNA



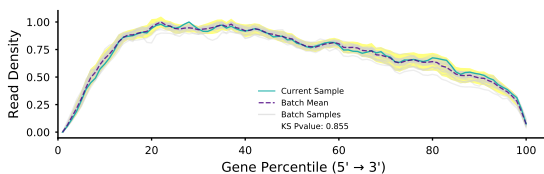
## Sequence Contamination

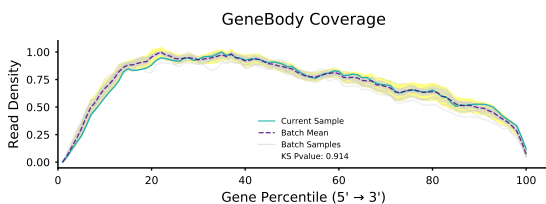
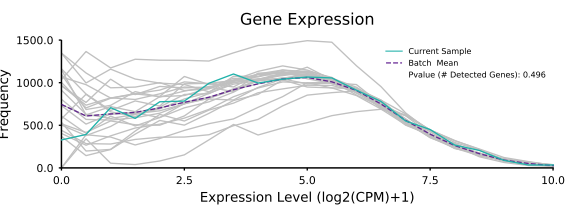
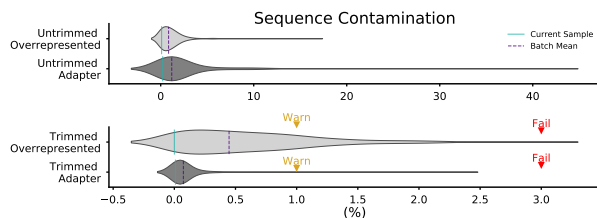
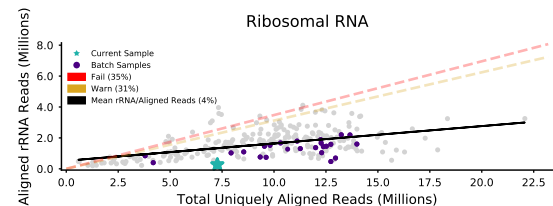
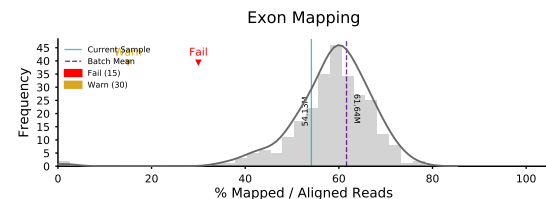
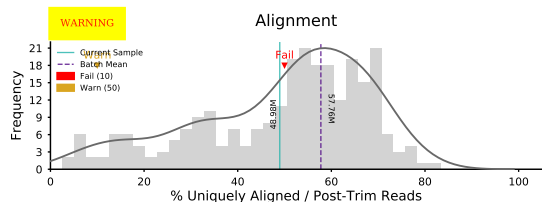
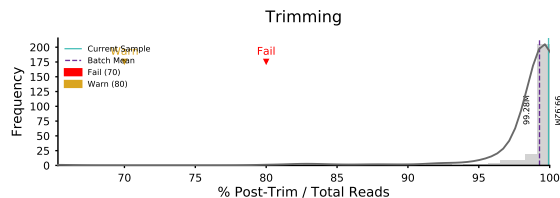
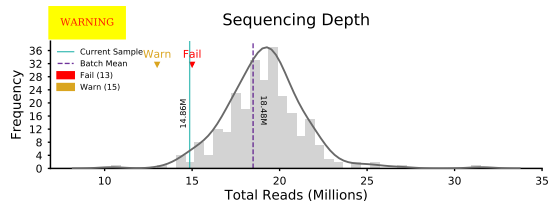


## Gene Expression

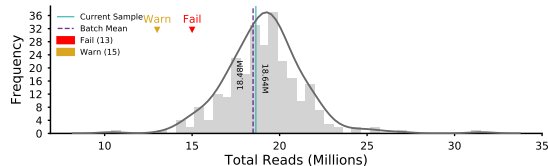


## GeneBody Coverage

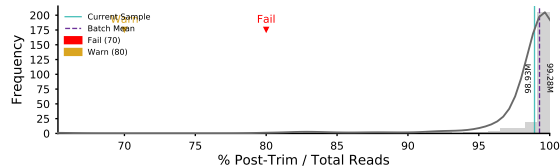




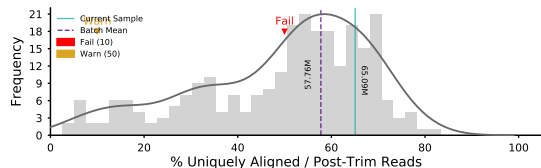
## Sequencing Depth



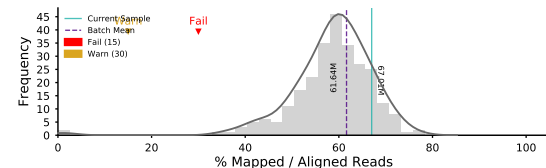
## Trimming



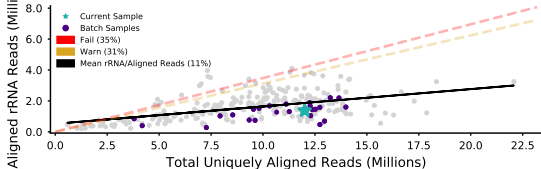
## Alignment



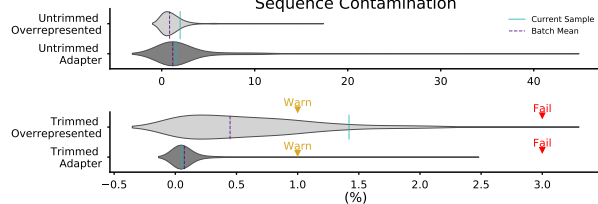
## Exon Mapping



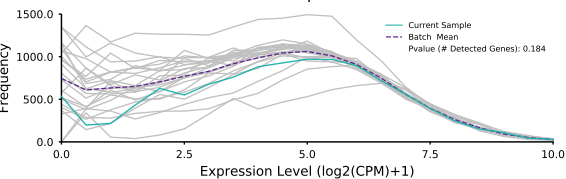
## Ribosomal RNA



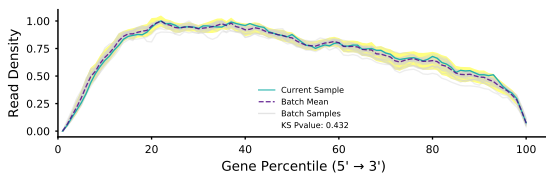
## Sequence Contamination



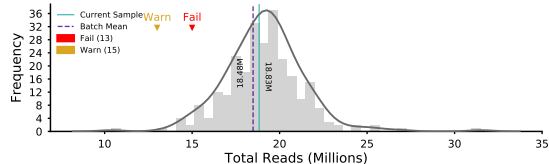
## Gene Expression



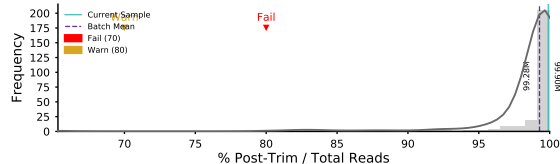
## GeneBody Coverage



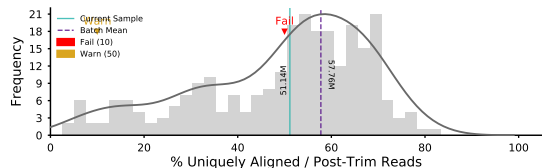
## Sequencing Depth



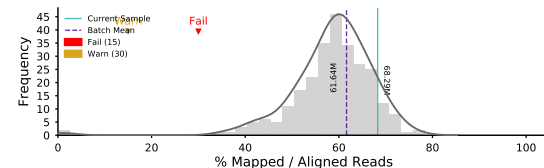
## Trimming



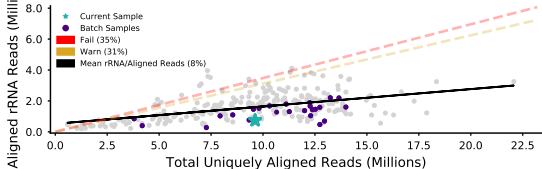
## Alignment



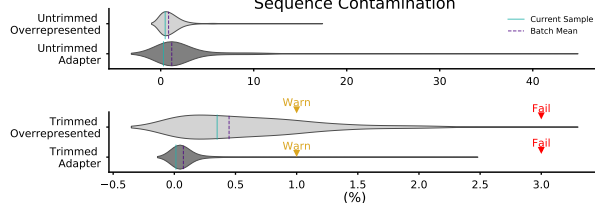
## Exon Mapping



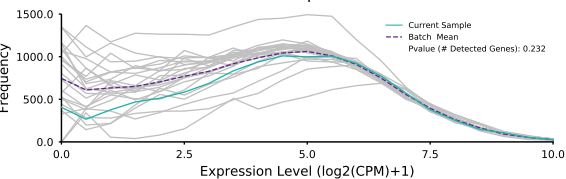
## Ribosomal RNA



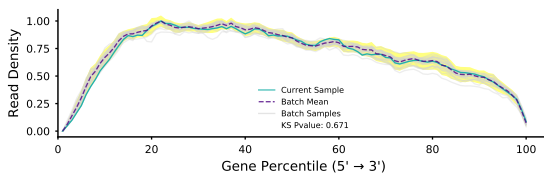
## Sequence Contamination



## Gene Expression

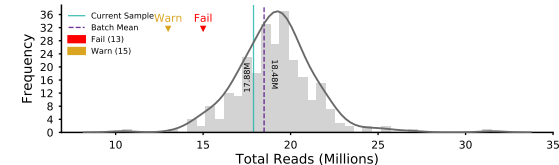


## GeneBody Coverage

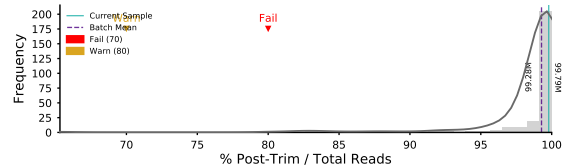




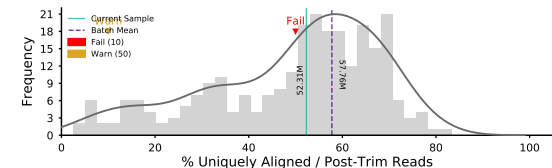
## Sequencing Depth



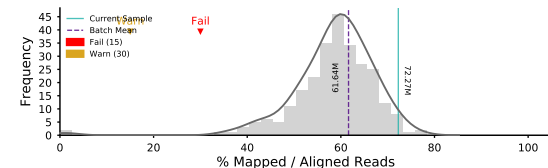
## Trimming



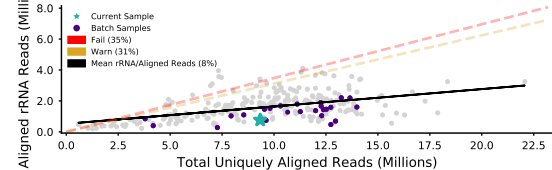
## Alignment



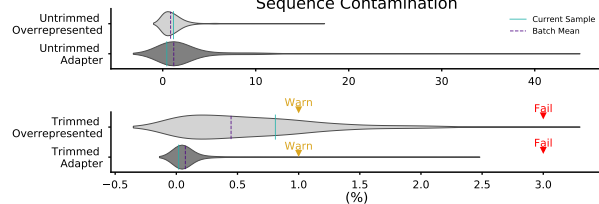
## Exon Mapping



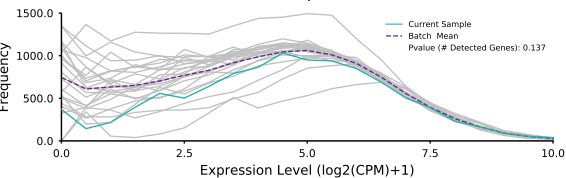
## Ribosomal RNA



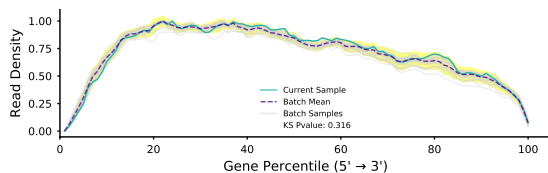
## Sequence Contamination



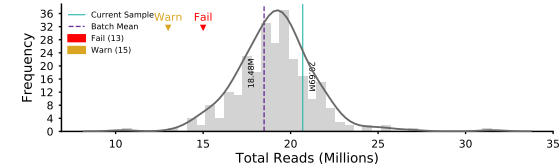
## Gene Expression



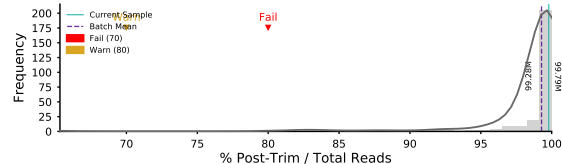
## GeneBody Coverage



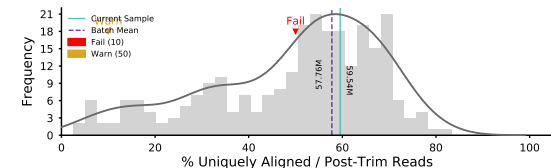
## Sequencing Depth



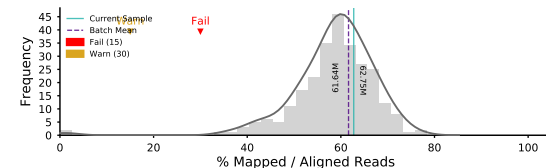
## Trimming



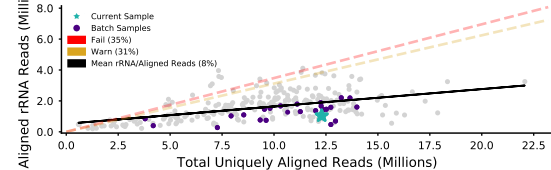
## Alignment



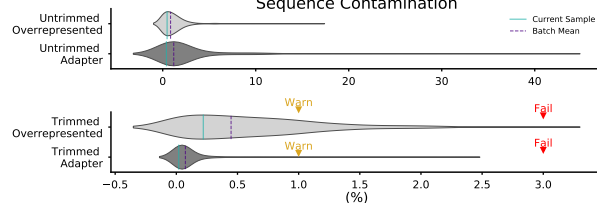
## Exon Mapping



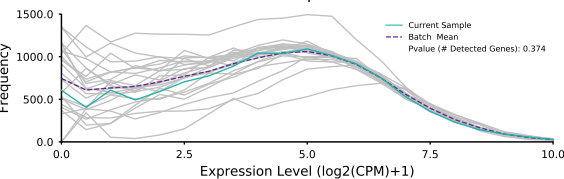
## Ribosomal RNA



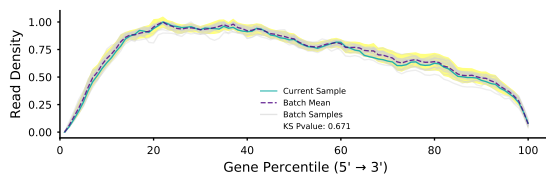
## Sequence Contamination



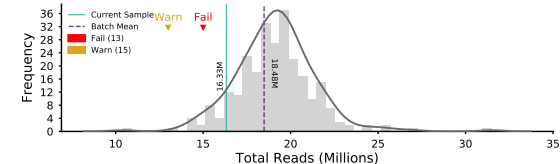
## Gene Expression



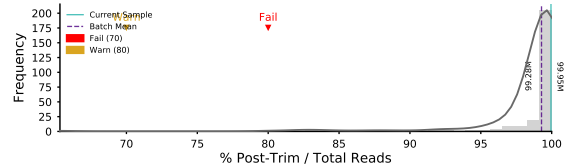
## GeneBody Coverage



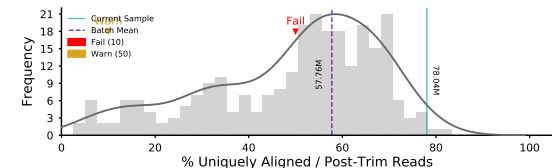
## Sequencing Depth



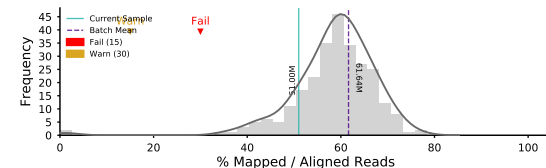
## Trimming



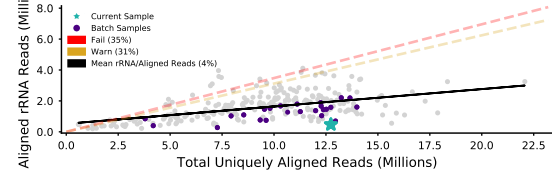
## Alignment



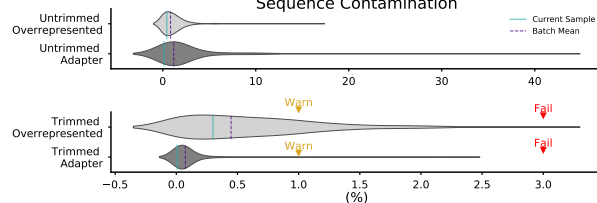
## Exon Mapping



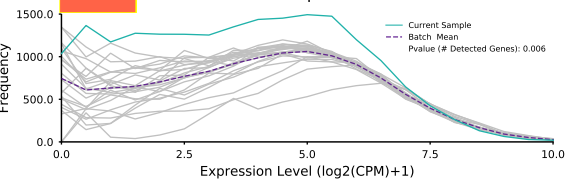
## Ribosomal RNA



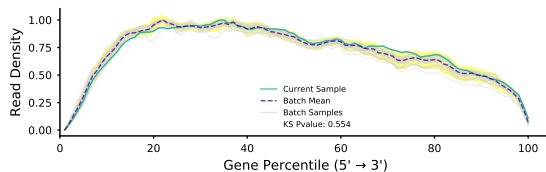
## Sequence Contamination



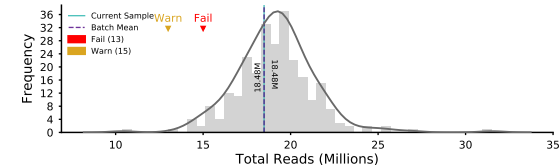
## Gene Expression



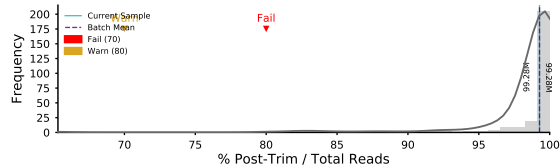
## GeneBody Coverage



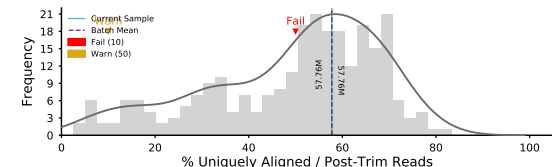
Sequencing Depth



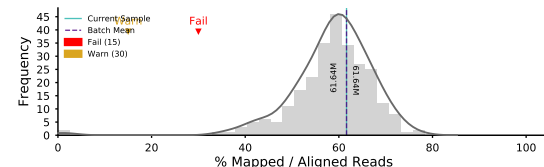
Trimming



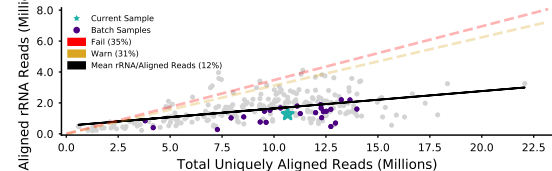
Alignment



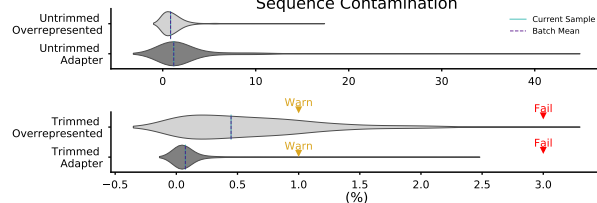
Exon Mapping



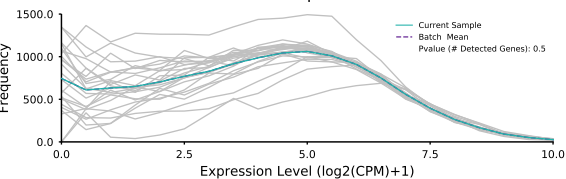
Ribosomal RNA



Sequence Contamination



Gene Expression



GeneBody Coverage

