### runCellrangerMultiRun

#### **→** input

/home/edo/Documents/reference/cellranger/reference/cellranger\_tiny\_ref
<input function>

output →

results/cellranger/merged/{sample\_name}

results/cellranger/merged/{sample\_name}\_finished.log

## moveCellrangerSummaryMultiRun

### → input

results/cellranger/merged/{sample\_name}\_finished.log

#### output

 $results/web\_summaries/merged/\{sample\_name\}\_web\_summary.html$ 

### runMultiqc1MultiRun

#### → input

results/web\_summaries/merged/tinygex2\_web\_summary.html
results/web\_summaries/merged/tinygex3\_web\_summary.html
results/web\_summaries/merged/tinygex\_single\_web\_summary.html
results/web\_summaries/merged/tinygex\_web\_summary.html

#### output →

results/multiQC/merged/multiqc\_report.html

## move Cell ranger Intron Exon Multi Run

### input

results/cellranger/merged/{sample\_name}\_finished.log

#### output →

 $results/PureIntronExon/merged/\{sample\_name\}/possorted\_genome\_bam.bam$ 

## pureExonMultiRun

#### **→** input

results/PureIntronExon/merged/{sample\_name}/possorted\_genome\_bam.bam

#### output →

results/PureIntronExon/merged/{sample\_name}/feature\_test\_exon\_fullBarcodes.txt.gz
results/PureIntronExon/merged/{sample\_name}/possorted\_genome\_bam\_exon\_filterd.bam
results/PureIntronExon/merged/{sample\_name}/summarized\_feature\_test\_exon\_fullBarcodes.txt

## pureIntronMultiRun

#### **→** input

results/PureIntronExon/merged/{sample\_name}/possorted\_genome\_bam.bam

#### output →

results/PureIntronExon/merged/{sample\_name}/feature\_test\_intron\_fullBarcodes.txt.gz results/PureIntronExon/merged/{sample\_name}/possorted\_genome\_bam\_intron\_filterd.bam results/PureIntronExon/merged/{sample\_name}/summarized\_feature\_test\_intron\_fullBarcodes.txt

### pureAllMultiRun

#### → input

results/PureIntronExon/merged/{sample\_name}/possorted\_genome\_bam.bam

#### output →

results/PureIntronExon/merged/{sample\_name}/feature\_test\_all\_fullBarcodes.txt.gz
results/PureIntronExon/merged/{sample\_name}/possorted\_genome\_bam\_all\_filterd.bam
results/PureIntronExon/merged/{sample\_name}/summarized\_feature\_test\_all\_fullBarcodes.txt

### copyGtfMultiRun

#### → input

/home/edo/Documents/reference/cellranger/reference/cellranger\_tiny\_ref/genes/genes.gt

output →

results/PureIntronExon/merged/genes.gtf

# multirun\_pure\_IntronExon

### **→** input

results/PureIntronExon/merged/genes.gtf

results/PureIntronExon/merged/tinygex/possorted\_genome\_bam.bam results/PureIntronExon/merged/tinygex/summarized\_feature\_test\_all\_fullBarcodes.txt  $results/PureIntronExon/merged/tinygex/summarized\_feature\_test\_exon\_fullBarcodes.txt$ results/PureIntronExon/merged/tinygex/summarized\_feature\_test\_intron\_fullBarcodes.txt results/PureIntronExon/merged/tinygex2/possorted\_genome\_bam.bam results/PureIntronExon/merged/tinygex2/summarized\_feature\_test\_all\_fullBarcodes.txt results/PureIntronExon/merged/tinygex2/summarized\_feature\_test\_exon\_fullBarcodes.txt results/PureIntronExon/merged/tinygex2/summarized\_feature\_test\_intron\_fullBarcodes.txt results/PureIntronExon/merged/tinygex3/possorted\_genome\_bam.bam results/PureIntronExon/merged/tinygex3/summarized\_feature\_test\_all\_fullBarcodes.txt results/PureIntronExon/merged/tinygex3/summarized\_feature\_test\_exon\_fullBarcodes.txt results/PureIntronExon/merged/tinygex3/summarized\_feature\_test\_intron\_fullBarcodes.txt results/PureIntronExon/merged/tinygex\_single/possorted\_genome\_bam.bam results/PureIntronExon/merged/tinygex\_single/summarized\_feature\_test\_all\_fullBarcodes.txt results/PureIntronExon/merged/tinygex\_single/summarized\_feature\_test\_exon\_fullBarcodes.txt results/PureIntronExon/merged/tinygex\_single/summarized\_feature\_test\_intron\_fullBarcodes.txt results/multiQC/merged/multiqc\_report.html results/web\_summaries/merged/tinygex2\_web\_summary.html results/web\_summaries/merged/tinygex3\_web\_summary.html

results/web\_summaries/merged/tinygex\_single\_web\_summary.html

results/web\_summaries/merged/tinygex\_web\_summary.html