

# cellenPIPE

for cellenCHIP 384-3'RNA-Seq Kit

cellenPIPE is a free, online bioinformatics pipeline used to analyze single cell RNA sequencing data, generated by cellenCHIP 384-3'RNA-Seq Kit.

## Key Features

- Online, cloud-based, free-of-charge application as a SaaS solution
- Access codes included within your cellenCHIP 384 3'RNA Seq kit
- Storage & High Computing Power already supplied
- User-Friendly Interface providing automated NGS pipelines
- Data Quality Metrics & in-depth analysis reports

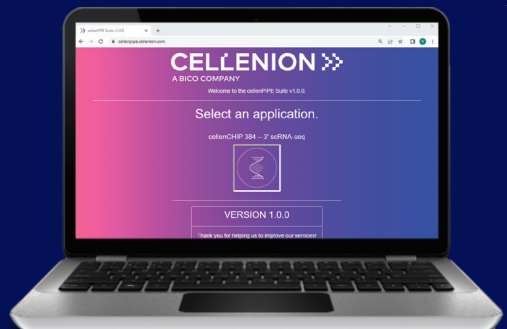
## Benefits

- Available worldwide with a simple internet connection
- 100% secure and private data
- No computing environment required
- No bioinformatics experience required
- Fast interpreted results

Lack of time or resources  
for your bioinformatic analyses?

Go from FASTQ files to focused  
single cell gene expression insights,  
within hours and a few clicks!

Simply upload your data generated  
by cellenCHIP 384 3'RNA-Seq Kit  
into cellenPIPE



# cellenPIPE, an analysis within hours and a few clicks



Drag & Drop your sequencing data

STEP 5: Read 2 – cDNA (FASTQ.gz) ⓘ



Uploading "Cellenion\_SampleData\_1\_Miso\_Human\_R2.fastq.gz"

72.69%

pause cancel



Download your results after an e-mail notification

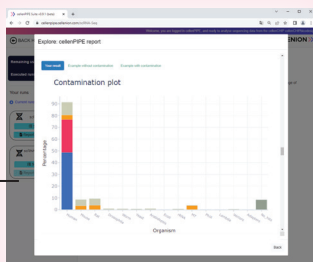


scRNAseq-run3

Status: 100%



cellenPIPE generates Data Quality metrics

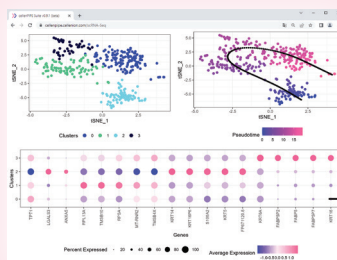


## FASTQ file processing

- o Quality control
  - Sequencing QC
  - Contamination evaluation
- o Alignment to reference genome
  - Human, mouse
- o Gene expression matrix



cellenPIPE performs Downstream Analysis



## Post-processing

- o Automated filtering and cell clustering
- o Dimension reduction
- o Marker detection
- o Trajectory Inference
- o ...and more!

## Your Data Security

- A strict Data Protection Agreement guarantees the confidentiality of your data
- You keep 100% ownership over your data uploaded in cellenPIPE
- You can view and download your data and results, before your decision to delete them or a 4-week expiration period
- Your data are protected, stored and processed in France under GDPR-compliant rules

Learn more & Request a demo account!



[cellenion.com/cellenpipe](https://cellenion.com/cellenpipe)

## Contact Us

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