



SARS-CoV-2 Genomic Sequencing Analysis Platform

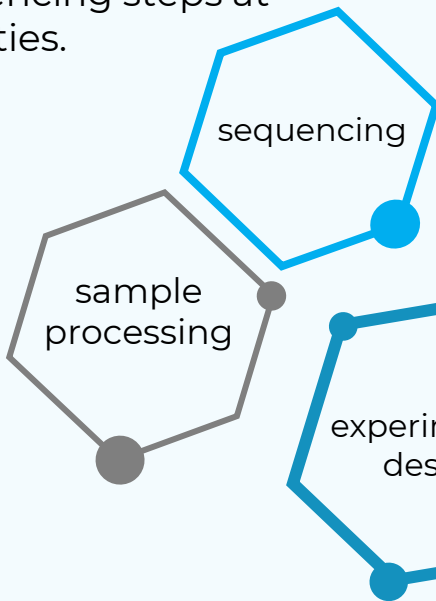
SUMMARY
OF SERVICES

COVID-19 integrated solution

Flomics presents a novel COVID-19 analysis platform providing the easiest solution for the identification of the new SARS-CoV-2 viral variants such as the recent **delta** and **mu** ones.

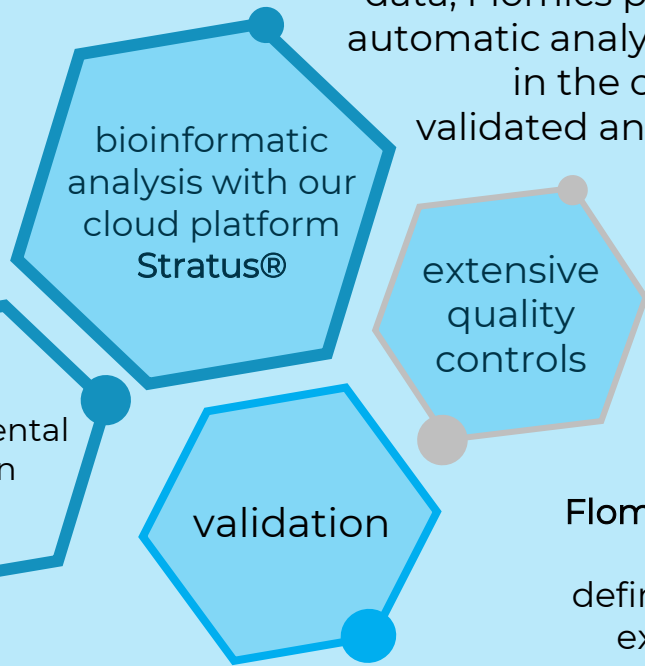
Our clients & collaborators

Take care of the samples and sequencing steps at their facilities.



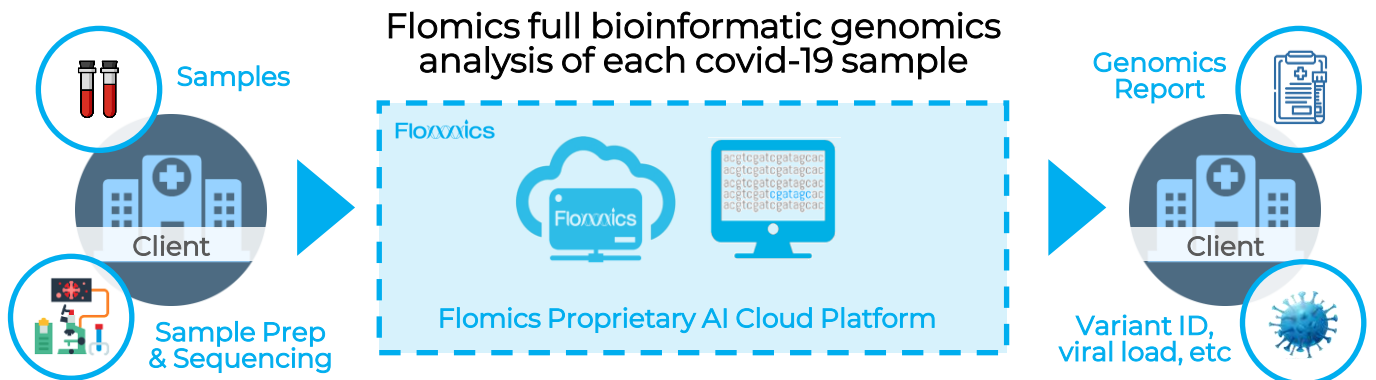
Flomics

After receiving the sequencing data, Flomics provides its automatic analysis service in the cloud, with validated and certified results.



Flomics can also assist in the definition of the experimental design

Simple and scalable workflow



COVID-19 NGS analysis service

Flomics joined forces with international biotech partners specialized in Next-Generation Sequencing (NGS) tests to develop a cloud-based solution for COVID-19 detection and viral variants identification



A CLOUD-BASED FULLY AUTOMATED SOLUTION FOR SARS-COV-2

Flexible

A pipeline adapted to your needs

- ✓ For metagenomic and amplicon-seq projects*
- ✓ Compatible with all sequencing platforms (Illumina, MGI and others)
- ✓ Always up-to-date with the latest SARS-CoV-2 genome databases
- ✓ Extensive quality controls

Reproducible

Reproducibility is our top priority

- ✓ Operating system independent (runs on the cloud)
- ✓ Nextflow-based pipeline
- ✓ Docker integration



Automated

Complete integration on the cloud

- ✓ Running on AWS
- ✓ Fast analysis
- ✓ Scalable to your needs
- ✓ No need for computational facilities
- ✓ No need for bioinformatics skills

Comprehensive

Your data is secured and protected

- ✓ Viral load calculation
- ✓ Read alignment
- ✓ Variant calling and annotation
- ✓ Viral variant identification
- ✓ Phylogenetic analysis
- ✓ Intuitive reporting



PANGOLIN

All COVID-19 variants and genomic classification done according to the PANGOLIN lineage and PANGOLIN nomenclature developed by the COVID-19 Genomics UK Consortium

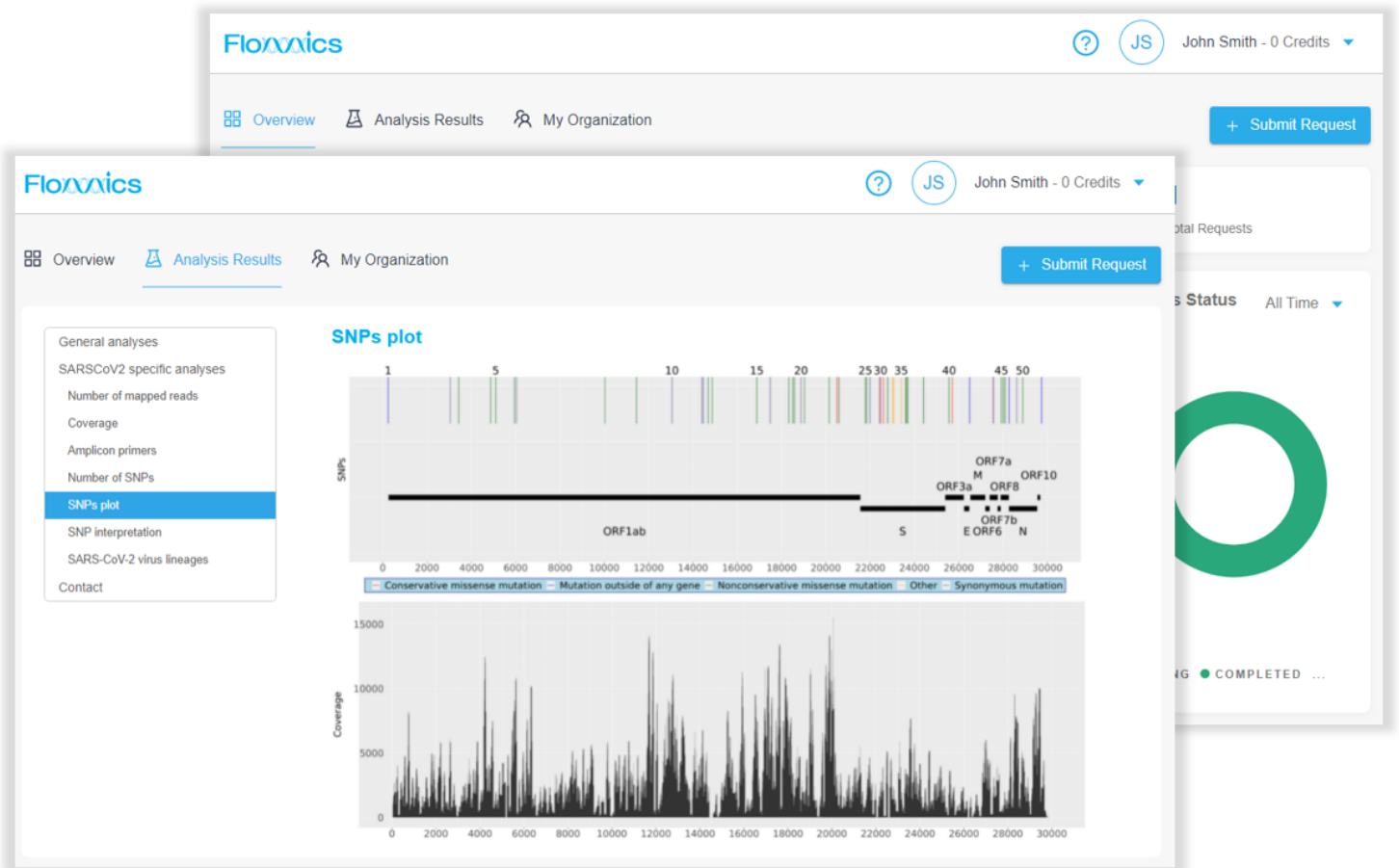
Validated by our scientific collaborators at **University of Valencia** & **Center for Genomic Regulation (CRG)**, Barcelona



VNIVERSITAT ID VALÈNCIA

Stratus® cloud platform

In few clicks you can transform your sequencing raw data into interpretable clinical information!



Software for NGS data analysis

- ✓ Easy 3-click step operation
- ✓ Reproducible & up-to-date
- ✓ Runs on the cloud, always up-to-date
- ✓ Flexible and customizable to each NGS protocol
- ✓ Complete quality control and data analysis tailored to your project
- ✓ Available anytime, anywhere at:
<https://stratus.flomics.com>



Demo voucher

Free credit voucher – 10 samples

Check the features of our cloud platform with one-time 10 sample voucher

Register at: <https://stratus.flomics.com/register> and redeem the code: COVID2022



Customers



Partners and collaborators



About flomics

Born in 2018 in Barcelona, Flomics offers integral solutions of genomic services with liquid biopsy & Next Generation Sequencing (NGS) targeted at the detection and monitoring of complex diseases such as covid-19 and cancer.

We are located at the Biomedical Scientific Parc of Barcelona (PRBB), commercializing a technology initially developed at the Centre for Genomic Regulation (CRG) and the Pompeu Fabra University (UPF).

management team:



João Curado CEO
PhD in
Bioinformatics



Esther Lizano CSO
PhD in
Molecular Biology



Luís Korrodi CBO
PhD in
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André Guedes COO
PhD in
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