



Floxxics

# Metagenomics NGS Data Analysis Platform

SUMMARY  
OF SERVICES

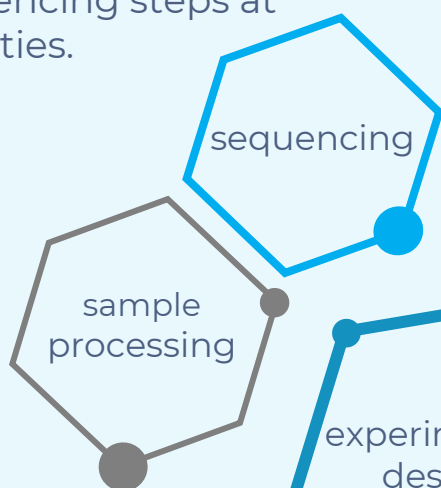
2022

# Integrated Solution

**Flomics** offers end-to-end solutions for Metagenomics projects including **16S rRNA** and **shotgun metagenomics sequencing** to investigate microorganisms present in different samples with Next-Generation Sequencing (**NGS**) analysis.

## Our clients & collaborators

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



experimental design

bioinformatic analysis with our cloud platform **Stratus®**

validation

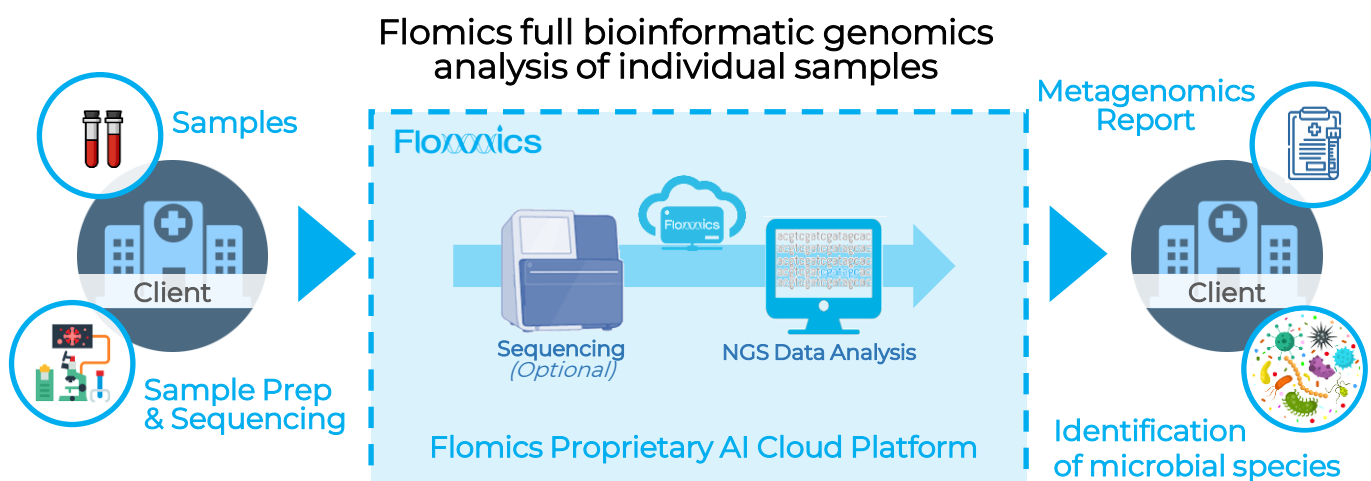
extensive quality controls

We can also assist you in the definition of the experimental design

## Flomics

After receiving the sequencing data, we provide fast analysis service in the cloud, with validated and certified results.

## Simple and scalable workflow



# Metagenomic NGS Data Analysis Service

Flomics 16S & Shotgun Metagenomic NGS Data Analysis Service efficiently identify and differentiate multiple microbial species from complex samples.



## Why Flomics?

### FLEXIBLE

#### PIPELINE ADAPTED TO YOUR NEEDS

- For metagenomic & amplicon-seq projects
- Analysis of 16S & shotgun NGS data
- Compatible with all sequencing data (Illumina, MGI, and others)
- Support in protocol definition and experimental design
- We can also handle sample prep. and sequencing steps.

### EASY & AUTOMATED

#### CLOUD BASED PLATFORM

- Running on AWS
- No need for computational facilities or bioinformatics skills
- Easy-to-use interface
- Fast analysis
- Nextflow-based pipeline and docker integration



nextflow

### HIGH STANDARD

#### COMPREHENSIVE REPORTING

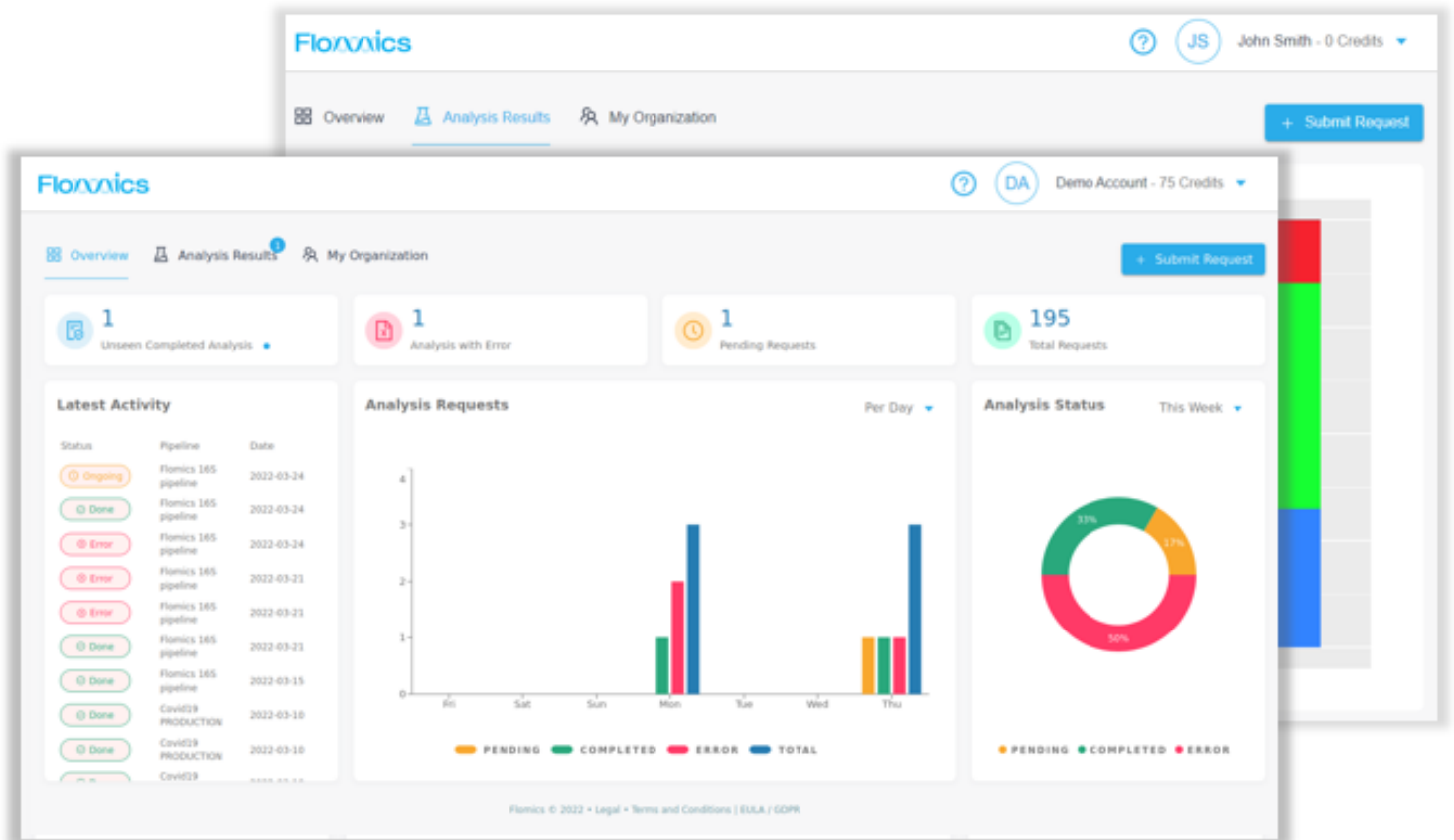
- Comprehensive data on the presence of microbial species & their abundance
- Annotating and classifying all microorganisms in one sample
- Detection of pathogens, microorganism contamination, etc
- Phylogenetic analysis
- Intuitive reporting

## 16S LIBRARY PREPARATION KITS – COMPATIBILITY LIST

- IDT xGen 16S NGS
- Illumina Nextera XT
- Thermofisher MicroSEQ® 500 16S
- Norgen V 16S
- Qiagen QIASeq 16S
- Zymo Research Quick-16S

# Stratus® cloud platform

With a few clicks you can transform your sequencing raw data into interpretable information!



## Stratus® Platform for NGS data analysis

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

The screenshot shows the Floxxics Bioinformatics Cloud login and registration interface. It includes fields for Email and Password, buttons for LOGIN and REGISTER, a LOGIN WITH DEMO ACCOUNT button, a FORGOT PASSWORD? link, and an ABOUT US button.

## Voucher

### Free credits voucher – 10 samples

Check our cloud platform with a one-time 10 sample voucher

Register at: <https://stratus.floxxics.com/register> and redeem the code: 16SMeta22





# 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)-

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  
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Esther Lizano CSO  
PhD in  
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