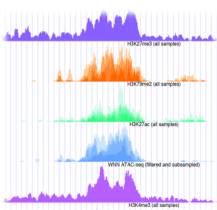
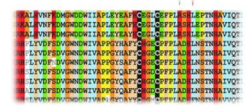


Functional Genomics & NGS



- Assembly & annotation
- ChIP-seq, ATAC-seq
- RNA-seq, microarrays
- Metagenomics
- RIP-seq, iCLIP
- Variant calling

Protein Bioinformatics



- Functional annotation
- Sequence alignment
- SNPs annotation
- Phylogenetic analysis
- Structure comparison
- B- & T-cell epitopes



Bioinformatics Training



- Statistics and R
- Computing skills
- Data analysis
- Manipulating big files
- Building pipelines
- In-person training

Databases & Software

- Databases & websites
- Resource maintenance
- Data integration
- Interactive visualization
- Custom pipelines
- LIMS

OUR USERS

- IDIBAPS / Barcelona, Spain
- IDIBELL / Barcelona, Spain
- Center for Genomic Regulation (CRG) / Barcelona, Spain
- Hospital Clinic / Barcelona, Spain
- IMIM / Barcelona, Spain
- Institute of Evolutionary Biology (IBE) / Barcelona, Spain
- Institute of Genetics / Braunschweig, Germany
- Institute of Bioengineering of Catalonia / Barcelona, Spain
- Institute of Marine Science / Barcelona, Spain
- Institute of Neuroscience / Alicante, Spain
- Institute of Marine Research / Vigo, Spain
- International University of Catalonia / Barcelona, Spain
- San Joan De deu Research Foundation / Barcelona, Spain
- Spanish National Cancer Research Centre / Madrid, Spain
- Spanish National Center for Biotechnology / Madrid, Spain
- Alberto Sols Biomedical Research Institute / Madrid, Spain
- Vall d'Hebron Institute of Research / Barcelona, Spain
- University Autònoma / Barcelona, Spain
- University Miguel Hernandez / Alicante, Spain
- University Pompeu Fabra (UPF) / Barcelona, Spain
- University of Barcelona / Spain
- University of Girona / Spain
- University of Magdeburg / Germany
- University of Malaga / Spain
- University of Zaragoza / Spain
- University of Cordoba / Argentina
- University of Cape Town / South Africa

WHO WE ARE

We are a multidisciplinary team of computational biologists with more than 45 years of combined academic experience in genomics, transcriptomics, immunology, structural and protein bioinformatics, programming, database and software development.

We work in synergy with other CRG core facilities to support you throughout all steps of the project, from design and budgeting of the experiment to data analysis and interpretation, image and manuscript preparation. We also support collaborative grants.



Julia Ponomarenko, PhD
Core Facility Head



Luca Cozzuto, PhD
NGS Data Analysis Coordinator



Toni Hermoso, PhD
Database and Web Developer



Sarah Bonnin, MSc
Bioinformatician