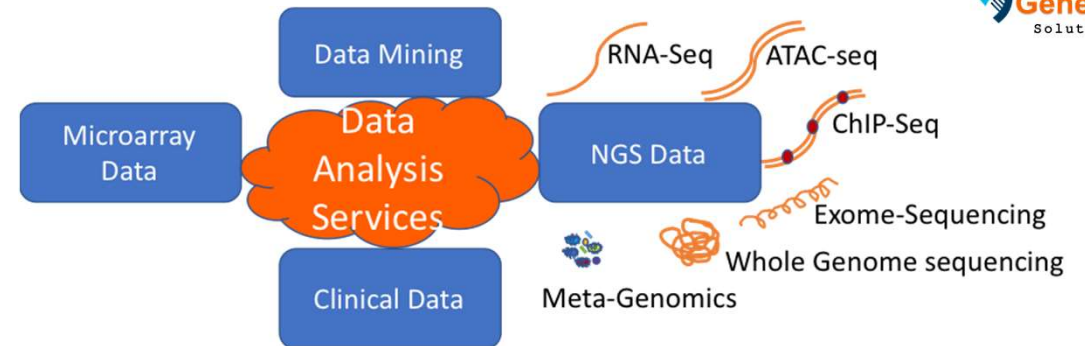


# Bioinformatics and NGS Data analysis services

- ✓ Tailored made services to meet your needs.
- ✓ Fast turnaround time: cannot be matched by in-house or by other companies.
- ✓ You are in direct contact with bioinformaticians to address your questions and discuss results.
- ✓ Cost effective, no hassle of hiring a bioinformatician: one-off project for publication or continuous data analysis for clinical trials.
- ✓ Data mining from pre-existing data.
- ✓ Tailor made pipeline for bigger projects.
- ✓ Single cell and bulk data analysis



## INPUT

- FASTQ/ BAM / CEL/ TXT files
- Experimental Design
- Number of samples/ Information
- Details of technical/ biological replicates
- Objective of the study

## ANALYSIS

- Quality assessment and enhancement
- Alignment
- Annotation
- Differential Expression Profiling
- Gene Ontology and Pathway Analysis
- Visualization

## OUTPUT

- QC Report
- Mapping Statistics
- Counts and FPKM values
- Significant differentially expressed genes along with fold changes, FDR corrected p-values and annotations
- Detailed report with information on methodologies used in analysis
- Visualization plots
- Support with Interpretation of Results

## Freelancing Services

Next generation sequencing :

- Sample processing: DNA and RNA extraction
- Library preparation
  - Single cell and bulk RNA-seq
  - Whole exome sequencing
  - Microbiota /Meta-Genomics
  - TCR sequencing
  - ATAC-seq

## Customer Reviews

Dr. Wayne Paes Target Discovery Institute (TDI) Nuffield Department of Medicine, University of Oxford

Geneomics offered a rapid turnaround service for analysis of the datasets that were generated by our laboratory. Use of the AWS platform to upload the raw RNA-Seq data, as well as the specific data format requirements required for subsequent bioinformatics analysis were clearly and explicitly communicated to expedite the analysis. For more challenging data analysis problems, excellent customer service was provided by local contacts, and teleconference meetings were promptly arranged to further discuss our needs. Overall, we were extremely satisfied with the analytical service provided by the bioinformatics team at Geneomics.

**Contact Us :** Dr. Prathiba Kurupati  
GeneOmics Solutions Ltd  
Email: [Info@geneomics.co.uk](mailto:Info@geneomics.co.uk)  
<https://geneomics.co.uk/>