

excelra

Where data means more



OMIC  
SUITE



# End-to-End Omics Data Services

Excelra's Omics Suite is developed based on our extensive experience in delivering customized omics data services to the top global pharma and biotech organizations. Our clients benefit from the synergy of our strong bioinformatics team, who analyze and interpret complex omics data; and our R&D IT experts, who develop custom infrastructure for omics data management, analytics, and visualization.

We provide a wide range of services to help develop and maintain omics infrastructure, build custom workflows for specific analyses or specific omics data types, and finally; we help analyse omics data for a variety of biological objectives in drug development.

## Our Custom Services

### Cloud-based omics platform development



#### Offering

Omics infrastructure development using existing UI of Nextflow/Airflow for job scheduling and management.



#### Utility

Benefits companies looking to develop tailor-made omics data analysis infrastructure.



#### Deliverable

Source code for on-premise platform & pipeline deployment. Maintenance and support.

### Omics pipeline building & deployment



#### Offering

Pipelines developed and tested based on literature/client data and deployed for execution on client's platform.



#### Utility

Ancillary custom service for licensed customers of DNANexus, Seven Bridges, Google Genomics, Blue Bee etc.



#### Deliverable

Pipeline source code, documentation & test validation.

### Omics data analytics & interpretation



#### Offering

Use of literature-referenced standardized pipelines covering all omics data types.



#### Utility

Custom data analysis solutions for a variety of biological objectives including Target ID & Validation, MoA Elucidation, Indication Prioritization, Response Analysis etc.



#### Deliverable

Pipeline schematic, processed datasets & analysis report



# Our Allied In Silico Service Portfolio



## Early Discovery

- Target ID
- Disease Pathophysiology
- Systems Biology for Target Dossier



## Translational

- Target Validation
- MoA Elucidation
- Indication Prioritization
- Response Analysis



## Clinical

- Biomarker ID
- Patient Stratification





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