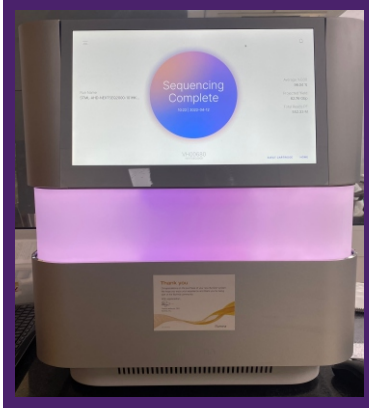


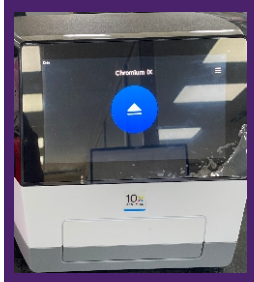
IN HOUSE INSTRUMENT IMAGES



Novaseq 6000



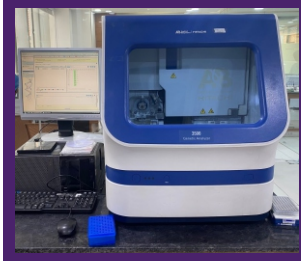
Illumina Nextseq 2000



10x Genomics Chromium iX



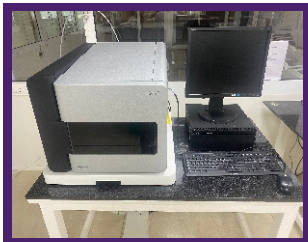
Miltenyi MACS octodissociator



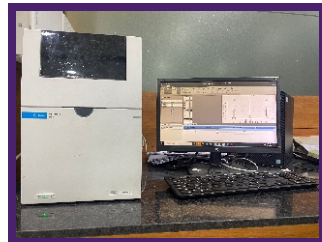
Thermofisher 3500
Fragment Analyzer



Thermofisher 3730xl
Fragment Analyzer

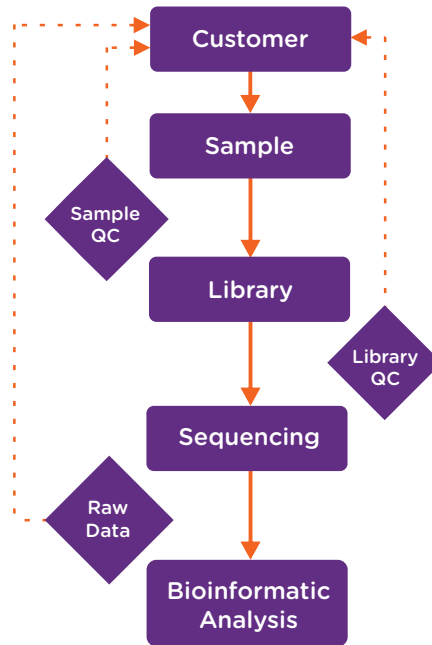


Illumina iSCAN



Tapestation 4150

WORKFLOW



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Research
Service Core



NEUBERG CENTER FOR GENOMIC MEDICINE (NCGM), headquartered in Ahmedabad, has emerged as a one-stop solution for Diagnostic and Research based Genomic Services with an aim to provide the best-in-class Genomics infrastructure and world-class Research services.

An amalgamation of a team of experts, committed to quality, defines our strength. Assisted by the advanced technology and supported by an experienced bio informatics team, we believe in working together with the Academicians, Scientists, Researchers and health-care providers to solve, validate and execute any of the complex Genomics experiments.

To facilitate integration of Genomics into mainstream Research services, we provide a comprehensive range of solutions along with the flexibility to customize testing to specific indications. Neuberg Center for Genomic Medicine follows strict quality control measures and is accredited with National and International Certifications such as CAP, NABL and DSIR.

Our Milestone in 3 years:

- 1600+ Projects completed
- 24000+ samples processed
- 375 Terabyte Data generated
- In house SERVERS for informatics
- RAW DATA TAT 28 Days
- Bioinformatics TAT 28 days
- Pan India Sample Collection

BULK SEQUENCING SERVICES

DNA-SEQUENCING

- Whole Genome Sequencing
- Whole Genome Resequencing
- Whole Exome Sequencing
- Denovo Sequencing
- Low pass Genome Sequencing
- Genotyping-by-sequencing

RNA-SEQUENCING

- Whole Transcriptome Sequencing
- mRNA sequencing
- Long non-coding RNA sequencing
- Circular RNA sequencing
- Small RNA sequencing

METAGENOMICS

- Shotgun Metagenomics (DNA)
- Shotgun Metatranscriptomics
- 16S rRNA Sequencing
- ITS sequencing
- Bacterial Identification
- Gut microbiome

SPECIALTY BULK SEQUENCING SERVICES

EPIGENETICS

- ChIP Sequencing
- ATAC Sequencing
- Whole Genome Bisulfite Sequencing
- DNA methylation Immunoprecipitation
- RNA-immunoprecipitation
- CLIP-seq

SANGER SEQUENCING

HLA TYPING BY NGS

CANCER SPECIFIC PANELS FOR RESEARCH

SINGLE CELL GENOMICS

10X GENOMICS' CHROMIUM IX (CSP SITE)

- Single-cell Gene Expression
- Single-cell Immune Profiling
- Single Cell Multiome ATAC + Gene Expression
- Single Cell ATAC
- Targeted Gene Expression

iSCAN Illumina

- Human Genotyping
- Animal and Plant Genotyping
- Methylation Array analysis

Long-read platforms

- Oxford Nanopore
- Pacbio Sequel II/IIe

SECONDARY SERVICES FOR SCHOLARS

- Certificate Courses
- Internship – 3 months
- Dissertation projects- 6 months
- Collaboration projects – Highly discounted services

