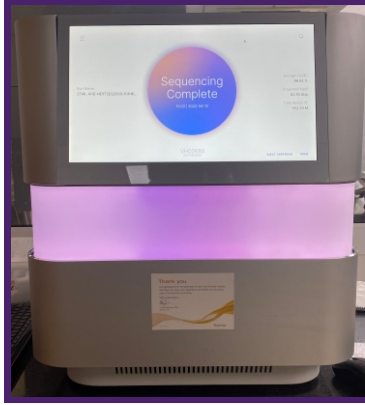


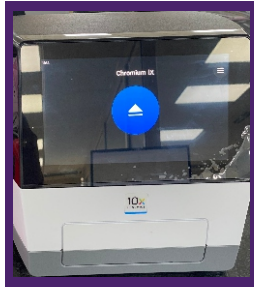
IN HOUSE INSTRUMENT IMAGES



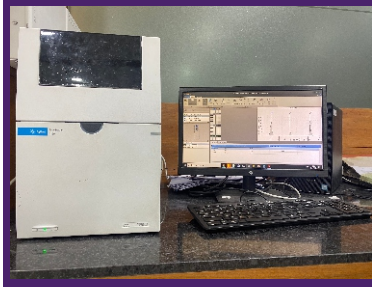
Novaseq 6000



Illumina Nextseq 2000



10x Genomics Chromium iX



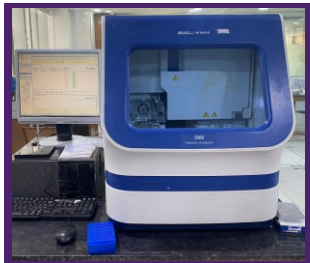
Tapestation 4150



Ion Chef System



Ion GeneStudio S5 plus

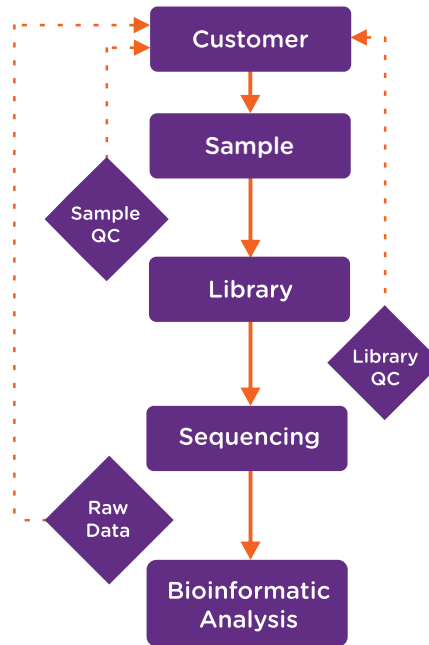


Appliedbiosystem 3500 Fragment Analyzer



Agilent 3730XI Fragment Analyzer

WORKFLOW



Get In Touch Contact

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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. Neuberger Center for Genomic Medicine follows strict quality control measures and is accredited with National and International Certifications such as CAP, NABL and DSIR.

OUR SPECIALITIES :

- Up front Project discussions
- High quality Sequencing Reads
- Shorter TAT
- Long term data storage
- Capacity to run Large project

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 MICROARRAY

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

LONG-READ PLATFORMS

OXFORD NANOPORE MINION

PACBIO SEQUEL II/III

ILLUMINA INFINITY ARRAY

SECONDARY SERVICES FOR SCHOLARS

- On site hands-on Training (Masters and Medical Students)
- Project guidance for fellowship Applications (DBT, DST, ICMR, etc.)
- Grant Review Committees (genomic sections only)
- Manuscript formation (guidance on Genomics)
- Personalized writing support
- Third party validation Assays on Genomics
- CRO genomics works
- Showcase NCGM as your Genomics Department (Industry-Academia partnerships)

