



**PRICELIST**  
**FY 2025-2026**



**nucleome**

**ACADEMIC RESEARCH**

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**NUCLEOME INFORMATICS**

# Certificate of Registration

This is to certify that  
Quality Management System of

## NUCLEOME INFORMATICS PRIVATE LIMITED.

# 2nd Floor, 3 Cube Towers, 2-93/8 & 9, White Field RD,  
Hitech City, Hyderabad - 500081, Telangana, India.

has been assessed and found to meet the requirements of:

### ISO 9001:2015

The certificate is valid for the following scope of operation:

*"Next Generation Sequencing, Sanger Sequencing, Primer Synthesis,  
Proteomics, Bio Informatics Analysis, Diagnostics Services, Software And  
Hardware Solutions"*

Certificate Number: 11301520

Issue No.: 03

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2nd Surveillance Due : 13/07/2025

Revision No : 00

Issuing Date : 14/08/2023

Validity : 13/08/2026

Revision Date : NA

  
Authorised Signatory:



**IQMS CERTIFICATIONS PRIVATE LIMITED**

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This is an accredited Certificate authorised for issued by American Independent Accreditation Board in accordance with ISO 17021:2006  
\*Conformity assessment-requirements for bodies providing audit and certification of management systems.

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| Sample Preparation, QC and Preprocessing of Samples |                                                    |                             |           |                 |
|-----------------------------------------------------|----------------------------------------------------|-----------------------------|-----------|-----------------|
| Catalogue No                                        | Service                                            | Specification               | Item Unit | Catalogue Price |
| NIPL/001                                            | Sample Collection in Dry Ice from metro cities     | Shipment                    | Tube      | ₹10,000.00      |
| NIPL/002                                            | Sample Collection in Dry Ice from non-metro cities | Shipment                    | Tube      | ₹15,000.00      |
| NIPL/003                                            | RNA Stable for storage of Total RNA                | Sample Storage and Shipment | Tube      | ₹2,000.00       |
| NIPL/004                                            | DNA Stable for storage of gDNA                     | Sample Storage and Shipment | Tube      | ₹2,000.00       |
| NIPL/005                                            | DNA QC on Nanodrop and Gel                         | Sample Preparation and QC   | Sample    | ₹1,000.00       |
| NIPL/006                                            | RNA QC on Bioanalyzer                              | Sample Preparation and QC   | Sample    | ₹1,500.00       |
| NIPL/007                                            | DNA QC on FemtoPulse                               | Sample Preparation and QC   | Sample    | ₹10,000.00      |
| NIPL/008                                            | gDNA Isolation and QC                              | Sample Preparation and QC   | Sample    | ₹2,500.00       |
| NIPL/009                                            | Total RNA Isolation and QC                         | Sample Preparation and QC   | Sample    | ₹3,000.00       |
| NIPL/010                                            | Single Cell RNA prep                               | Sample Preparation and QC   | Sample    | ₹10,000.00      |
| NIPL/011                                            | Metagenome-DNA isolation                           | Sample Preparation and QC   | Sample    | ₹5,000.00       |
| NIPL/012                                            | Metatranscriptome RNA isolation                    | Sample Preparation and QC   | Sample    | ₹5,000.00       |
| NIPL/013                                            | mtDNA isolation and amplification                  | Sample Preparation and QC   | Sample    | ₹7,500.00       |
| NIPL/014                                            | Chloroplast DNA isolation and amplification        | Sample Preparation and QC   | Sample    | ₹7,500.00       |

| Catalogue No | Service                                                 | Specification             | Item Unit | Catalogue Price |
|--------------|---------------------------------------------------------|---------------------------|-----------|-----------------|
| NIPL/015     | High Molecular Weight gDNA Isolation for NGS 50-150 Kb  | Sample Preparation and QC | Sample    | ₹25,000.00      |
| NIPL/016     | BioNano Saphyr Sample Prep using BNG Ultra HMW gDNA kit | Sample Preparation and QC | Sample    | ₹1,00,000.00    |
| NIPL/017     | Liquid Biopsy Sample Prep                               | Sample Preparation and QC | Sample    | Enquire         |
| NIPL/018     | Viral Nucleic Acid Isolation                            | Sample Preparation and QC | Sample    | Enquire         |
| NIPL/019     | AMPure Bead Purification                                | Sample Preparation and QC | Sample    | ₹5,000.00       |
| NIPL/020     | Ribozero Treatment                                      | Sample Preparation and QC | Sample    | ₹7,500.00       |
| NIPL/021     | Bisulfite Treatment RRBS                                | Sample Preparation and QC | Sample    | ₹10,000.00      |
| NIPL/022     | Bisulfite Treatment WGBS                                | Sample Preparation and QC | Sample    | ₹10,000.00      |
| NIPL/023     | V1-V9 full length 16S Amplification only                | Sample Preparation and QC | Sample    | ₹5,000.00       |
| NIPL/024     | V3-V4 region Amplification                              | Sample Preparation and QC | Sample    | ₹1,000.00       |
| NIPL/025     | ITS region Amplification                                | Sample Preparation and QC | Sample    | ₹1,000.00       |
| NIPL/026     | HLA amplicon preparation (Locus Amplification)          | Sample Preparation and QC | Sample    | ₹10,000.00      |
| NIPL/027     | Whole Exome Capture                                     | Sample Preparation and QC | Sample    | ₹7,500.00       |
| NIPL/028     | Clinical Exome Capture                                  | Sample Preparation and QC | Sample    | ₹7,500.00       |

| Catalogue No                      | Service                                                                 | Specification                | Item Unit | Catalogue Price |
|-----------------------------------|-------------------------------------------------------------------------|------------------------------|-----------|-----------------|
| NIPL/029                          | Targeted Panel/<br>Custom Exome Capture                                 | Sample Preparation<br>and QC | Sample    | Enquire         |
| NIPL/030                          | Chromatin Immunoprecipitation                                           | Sample Preparation<br>and QC | Sample    | ₹15,000.00      |
| <b>Library Preparation and QC</b> |                                                                         |                              |           |                 |
| NIPL/031                          | Ready to run Illumina Library<br>QC in Qubit and Bioanalyzer            | Library QC                   | Library   | ₹1,500.00       |
| NIPL/032                          | Ready to run IsoSeq Library<br>QC in Qubit and Bioanalyzer              | Library QC                   | Library   | ₹5,000.00       |
| NIPL/033                          | Ready to run PacBio DNA Library<br>QC in Qubit and Femto Pulse          | Library QC                   | Library   | ₹10,000.00      |
| NIPL/034                          | PacBio AmPure Beads Size Selection for<br>large insert (PacBio Library) | Library QC                   | Library   | ₹10,000.00      |
| NIPL/035                          | Illumina DNA                                                            | Library Preparation          | Library   | ₹5,000.00       |
| NIPL/036                          | Illumina Shotgun<br>Metagenome DNA                                      | Library Preparation          | Library   | ₹5,000.00       |
| NIPL/037                          | Illumina WGBS (Bisulphite)                                              | Library Preparation          | Library   | ₹30,000.00      |
| NIPL/038                          | Illumina RRBS (Bisulphite)                                              | Library Preparation          | Library   | ₹35,000.00      |
| NIPL/039                          | Illumina RNA                                                            | Library Preparation          | Library   | ₹7,500.00       |
| NIPL/040                          | Illumina Shotgun Metatranscriptome RNA                                  | Library Preparation          | Library   | ₹7,500.00       |
| NIPL/041                          | Illumina Lnc RNA Library Prep                                           | Library Preparation          | Library   | ₹7,500.00       |
| NIPL/042                          | Small RNA (miRNA) Library                                               | Library Preparation          | Library   | ₹18,500.00      |

| Catalogue No | Service                                                                      | Specification       | Item Unit | Catalogue Price |
|--------------|------------------------------------------------------------------------------|---------------------|-----------|-----------------|
| NIPL/043     | Whole Exome Library                                                          | Library Preparation | Library   | ₹8,000.00       |
| NIPL/044     | Clinical Exome Library                                                       | Library Preparation | Library   | ₹8,000.00       |
| NIPL/045     | Targeted Panel/<br>Custom Exome Library                                      | Library Preparation | Library   | Enquire         |
| NIPL/046     | V3-V4 region Library                                                         | Library Preparation | Library   | ₹5,000.00       |
| NIPL/047     | ITS region Library                                                           | Library Preparation | Library   | ₹5,000.00       |
| NIPL/048     | GBS Library                                                                  | Library Preparation | Library   | ₹2,500.00       |
| NIPL/049     | ddRAD Library                                                                | Library Preparation | Library   | ₹2,500.00       |
| NIPL/050     | 10X Genomics Custom Library                                                  | Library Preparation | Library   | ₹1,00,000.00    |
| NIPL/051     | HiC Library                                                                  | Library Preparation | Library   | ₹3,00,000.00    |
| NIPL/052     | PacBio SMRT bell Library<br>15 to 20 Kb CCS HiFi                             | Library Preparation | Library   | ₹1,25,000.00    |
| NIPL/053     | PacBio SMRT bell Library for Denovo<br>Low DNA Input Upto 15 Kb CCS          | Library Preparation | Library   | ₹1,50,000.00    |
| NIPL/054     | PacBio SMRT bell Library for Microbial<br>Denovo Upto 10 Kb CCS upto 96 plex | Library Preparation | Library   | ₹75,000.00      |
| NIPL/055     | PacBio SMRTbell Library Preparation for<br>variant detection (15 - 20 Kb)    | Library Preparation | Library   | ₹1,00,000.00    |
| NIPL/056     | Iso Seq Library Transcripts centered ~2 kb<br>(Upto 5 Kb) upto 12 plex       | Library Preparation | Library   | ₹1,00,000.00    |

| Catalogue No                                                                       | Service                                                                                | Specification         | Item Unit    | Catalogue Price |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------|--------------|-----------------|
| NIPL/057                                                                           | PacBio SMRTbell Full length 16srRNA (V1-V9) Library (1 - 2 Kb) upto 96 plex per sample | Library Preparation   | Library      | ₹20,000.00      |
| NIPL/058                                                                           | PacBio SMRTbell Shotgun Metagenome Library (10Kb) upto 4 plex per sample               | Library Preparation   | Library      | ₹60,000.00      |
| NIPL/059                                                                           | PacBio SMRTbell Full length 16S Amplicon Library (1.6 kb)                              | Library Preparation   | Library      | ₹60,000.00      |
| NIPL/060                                                                           | PacBio SMRTbell No-Amp Targeted Amplicon Library (4 - 6 kb or larger)                  | Library Preparation   | Library      | ₹60,000.00      |
| NIPL/061                                                                           | Labelling and Loading to Bionano Saphyr                                                | Labelling and Loading | Labelled DNA | ₹3,00,000.00    |
| <b>Next Generation Sequencing (Only Sequencing price for Ready to Run Library)</b> |                                                                                        |                       |              |                 |
| NIPL/062                                                                           | Sequencing on Illumina NovaSeq, PE150 bp chemistry                                     | Sequencing            | Per GB       | ₹2,000.00       |
| NIPL/063                                                                           | Sequencing on NovaSeq 6000, SE50 bp chemistry for Small RNA                            | Sequencing            | Per MR       | ₹2,500.00       |
| NIPL/064                                                                           | Sequencing on NovaSeq 6000, PE150 bp chemistry for GBS                                 | Sequencing            | Per 60 Mb    | ₹2,500.00       |
| NIPL/065                                                                           | Sequencing on NovaSeq 6000, PE250 bp chemistry for v3-v4 and ITS                       | Sequencing            | Per 0.1MR    | ₹5,000.00       |
| NIPL/066                                                                           | Sequencing on NovaSeq 6000 SP Flow Cell (350 Gb)                                       | Sequencing            | Flow Cell    | ₹6,00,000.00    |
| NIPL/067                                                                           | Sequencing on NovaSeq 6000 S4 1 Lane (750 Gb)                                          | Sequencing            | Flow Cell    | ₹7,50,000.00    |
| NIPL/068                                                                           | Sequencing on NovaSeq 6000 S4 Flow Cell (3Tb)                                          | Sequencing            | Flow Cell    | ₹22,00,000.00   |
| NIPL/069                                                                           | Sequencing on PacBio Sequel II, CCS Chemistry, 24 Hr Movie for Variant Detection       | Sequencing            | Per SMRT     | ₹8,00,000.00    |
| NIPL/070                                                                           | Sequencing on PacBio Sequel II, CCS Chemistry, 30 Hr Movie                             | Sequencing            | Per SMRT     | ₹8,50,000.00    |

| Catalogue No                                 | Service                                                                                                              | Specification                    | Item Unit     | Catalogue Price |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|-----------------|
| NIPL/071                                     | Iso Sequencing on PacBio Sequel II, CCS Chemistry, 24 Hr Movie                                                       | Sequencing                       | Per SMRT      | ₹8,00,000.00    |
| NIPL/072                                     | Bacterial Sequencing on PacBio Sequel II, CCS Chemistry, 15 Hr Movie                                                 | Sequencing                       | Per SMRT      | ₹8,00,000.00    |
| NIPL/073                                     | Bacterial Sequencing on PacBio Sequel II, CCS Chemistry, 15 Hr Movie and Methylation                                 | Sequencing                       | Per SMRT      | ₹9,00,000.00    |
| NIPL/074                                     | V1-V9 Sequencing on PacBio Sequel II, CCS Chemistry, 10 Hr Movie                                                     | Sequencing                       | Per SMRT      | ₹6,00,000.00    |
| NIPL/075                                     | Optical Mapping on Bionano Saphyr System                                                                             | Sequencing                       | Per Chip      | ₹5,00,000.00    |
| NIPL/076                                     | Optical Mapping on Bionano Saphyr System                                                                             | Sequencing                       | Per FlowCell  | ₹11,00,000.00   |
| NIPL/077                                     | Nanpore sequencing                                                                                                   | Sequencing                       | Per Run       | ₹5,00,000.00    |
| <b>Plant Animal Microbial (PAM) Services</b> |                                                                                                                      |                                  |               |                 |
| NIPL/078                                     | Reference Prokaryotic Transcriptome Sequencing- 1 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                          | Sample Preparation to Sequencing | Raw Data      | ₹20,000.00      |
| NIPL/079                                     | Reference Prokaryotic Transcriptome Sequencing - 2-3 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                       | Sample Preparation to Sequencing | Raw Data      | ₹24,000.00      |
| NIPL/080                                     | Reference Prokaryotic Transcriptome Sequencing - 4-5 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                       | Sample Preparation to Sequencing | Raw Data      | ₹28,000.00      |
| NIPL/081                                     | Reference Prokaryotic Transcriptome Sequencing and Standard Analysis- 1 GB Data/Sample, 2x150 bp PE, NovaSeq 6000    | Sample Preparation to Sequencing | Analysed Data | ₹24,000.00      |
| NIPL/082                                     | Reference Prokaryotic Transcriptome Sequencing and Standard Analysis - 2-3 GB Data/Sample, 2x150 bp PE, NovaSeq 6000 | Sample Preparation to Sequencing | Analysed Data | ₹29,000.00      |

| Catalogue No | Service                                                                                                             | Specification                    | Item Unit     | Catalogue Price |
|--------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|-----------------|
| NIPL/083     | Reference Prokaryotic Transcriptome Sequencing and Standard Analysis- 4-5 GB Data/Sample, 2x150 bp PE, NovaSeq 6000 | Sample Preparation to Sequencing | Analysed Data | ₹32,000.00      |
| NIPL/084     | Denovo Prokaryotic Transcriptome Sequencing and Standard Analysis - 4-5 GB Data/Sample, 2x150 bp PE, NovaSeq 6000   | Sample Preparation to Sequencing | Analysed Data | ₹32,000.00      |
| NIPL/085     | Reference Prokaryotic Transcriptome Sequencing and Advanced Analysis- 1 GB Data/Sample, 2x150 bp PE, NovaSeq 6000   | Sample Preparation to Sequencing | Analysed Data | ₹27,000.00      |
| NIPL/086     | Reference Prokaryotic Transcriptome Sequencing and Advanced Analysis- 2-3 GB Data/Sample, 2x150 bp PE, NovaSeq 6000 | Sample Preparation to Sequencing | Analysed Data | ₹32,000.00      |
| NIPL/087     | Reference Prokaryotic Transcriptome Sequencing and Advanced Analysis- 4-5 GB Data/Sample, 2x150 bp PE, NovaSeq 6000 | Sample Preparation to Sequencing | Analysed Data | ₹35,000.00      |
| NIPL/088     | Reference Eukaryotic Transcriptome Sequencing - 3 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                         | Sample Preparation to Sequencing | Raw Data      | ₹15,000.00      |
| NIPL/089     | Reference Eukaryotic Transcriptome Sequencing - 6 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                         | Sample Preparation to Sequencing | Raw Data      | ₹20,000.00      |
| NIPL/090     | Reference Eukaryotic Transcriptome Sequencing - 9 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                         | Sample Preparation to Sequencing | Raw Data      | ₹23,000.00      |
| NIPL/091     | Reference Eukaryotic Transcriptome Sequencing - 12 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                        | Sample Preparation to Sequencing | Raw Data      | ₹30,000.00      |
| NIPL/092     | Reference Eukaryotic Transcriptome Sequencing and Standard Analysis- 3GB Data/Sample, 2x150 bp PE, NovaSeq 6000     | Sample Preparation to Sequencing | Analysed Data | ₹20,000.00      |
| NIPL/093     | Reference Eukaryotic Transcriptome Sequencing and Standard Analysis- 6 GB Data/Sample, 2x150 bp PE, NovaSeq 6000    | Sample Preparation to Sequencing | Analysed Data | ₹25,000.00      |
| NIPL/094     | Reference Eukaryotic Transcriptome Sequencing and Standard Analysis- 9 GB Data/Sample, 2x150 bp PE, NovaSeq 6000    | Sample Preparation to Sequencing | Analysed Data | ₹28,000.00      |

| Catalogue No | Service                                                                                                          | Specification                    | Item Unit     | Catalogue Price |
|--------------|------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|-----------------|
| NIPL/095     | Reference Eukaryotic Transcriptome Sequencing and Standard Analysis-12 GB Data/Sample, 2x150 bp PE, NovaSeq 6000 | Sample Preparation to Sequencing | Analysed Data | ₹32,000.00      |
| NIPL/096     | Reference Eukaryotic Transcriptome Sequencing and Advanced Analysis-3 GB Data/Sample, 2x150 bp PE, NovaSeq 6000  | Sample Preparation to Sequencing | Analysed Data | ₹22,000.00      |
| NIPL/097     | Reference Eukaryotic Transcriptome Sequencing and Advanced Analysis-6 GB Data/Sample, 2x150 bp PE, NovaSeq 6000  | Sample Preparation to Sequencing | Analysed Data | ₹27,000.00      |
| NIPL/098     | Reference Eukaryotic Transcriptome Sequencing and Advanced Analysis-9 GB Data/Sample, 2x150 bp PE, NovaSeq 6000  | Sample Preparation to Sequencing | Analysed Data | ₹30,000.00      |
| NIPL/099     | Reference Eukaryotic Transcriptome Sequencing and Advanced Analysis-12 GB Data/Sample, 2x150 bp PE, NovaSeq 6000 | Sample Preparation to Sequencing | Analysed Data | ₹35,000.00      |
| NIPL/100     | De novo Eukaryotic Transcriptome Sequencing and Advanced Analysis - 6 GB Data/Sample, 2x150 bp PE, NovaSeq 6000  | Sample Preparation to Sequencing | Analysed Data | ₹29,000.00      |
| NIPL/101     | De novo Eukaryotic Transcriptome Sequencing and Advanced Analysis - 9 GB Data/Sample, 2x150 bp PE, NovaSeq 6000  | Sample Preparation to Sequencing | Analysed Data | ₹32,000.00      |
| NIPL/102     | De novo Eukaryotic Transcriptome Sequencing and Advanced Analysis - 12 GB Data/Sample, 2x150 bp PE, NovaSeq 6000 | Sample Preparation to Sequencing | Analysed Data | ₹37,000.00      |
| NIPL/103     | Reference Inc RNA Sequencing-6 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                                         | Sample Preparation to Sequencing | Raw Data      | ₹28,000.00      |
| NIPL/104     | Reference Inc RNA Sequencing-9 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                                         | Sample Preparation to Sequencing | Raw Data      | ₹30,000.00      |
| NIPL/105     | Reference Inc RNA Sequencing-12 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                                        | Sample Preparation to Sequencing | Raw Data      | ₹33,000.00      |
| NIPL/106     | Reference Inc RNA Sequencing and Standard Analysis - 6 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                 | Sample Preparation to Sequencing | Analysed Data | ₹30,000.00      |
| NIPL/107     | Reference Inc RNA Sequencing and Standard Analysis - 9 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                 | Sample Preparation to Sequencing | Analysed Data | ₹32,000.00      |

| Catalogue No | Service                                                                                           | Specification                    | Item Unit     | Catalogue Price |
|--------------|---------------------------------------------------------------------------------------------------|----------------------------------|---------------|-----------------|
| NIPL/108     | Reference Inc RNA Sequencing and Standard Analysis - 12 GB Data/Sample, 2x150 bp PE, NovaSeq 6000 | Sample Preparation to Sequencing | Analysed Data | ₹35,000.00      |
| NIPL/109     | Reference Inc RNA Sequencing and Advanced Analysis- 6 GB Data/Sample, 2x150 bp PE, NovaSeq 6000   | Sample Preparation to Sequencing | Analysed Data | ₹32,000.00      |
| NIPL/110     | Reference Inc RNA Sequencing and Advanced Analysis- 9 GB Data/Sample, 2x150 bp PE, NovaSeq 6000   | Sample Preparation to Sequencing | Analysed Data | ₹34,000.00      |
| NIPL/111     | Reference Inc RNA Sequencing and Advanced Analysis- 12 GB Data/Sample, 2x150 bp PE, NovaSeq 6000  | Sample Preparation to Sequencing | Analysed Data | ₹37,000.00      |
| NIPL/112     | De novo Inc RNA Sequencing and Advanced Analysis - 12 GB Data/Sample, 2x150 bp PE, NovaSeq 6000   | Sample Preparation to Sequencing | Analysed Data | ₹40,000.00      |
| NIPL/113     | Reference miRNA Sequencing- 10 MR Data/Sample, SE50, NovaSeq 6000                                 | Sample Preparation to Sequencing | Raw Data      | ₹32,000.00      |
| NIPL/114     | Reference miRNA Sequencing- 20 MR Data/Sample, SE50, NovaSeq 6000                                 | Sample Preparation to Sequencing | Raw Data      | ₹37,000.00      |
| NIPL/115     | De novo miRNA Sequencing- 30 MR Data/Sample, SE50, NovaSeq 6000                                   | Sample Preparation to Sequencing | Raw Data      | ₹40,000.00      |
| NIPL/116     | Reference miRNA Sequencing and Standard Analysis - 10 MR Data/Sample, SE50, NovaSeq 6000          | Sample Preparation to Sequencing | Analysed Data | ₹35,000.00      |
| NIPL/117     | Reference miRNA Sequencing and Standard Analysis - 20 MR Data/Sample, SE50, NovaSeq 6000          | Sample Preparation to Sequencing | Analysed Data | ₹40,000.00      |
| NIPL/118     | De novo miRNA Sequencing and Standard Analysis - 30 MR Data/Sample, SE50, NovaSeq 6000            | Sample Preparation to Sequencing | Analysed Data | ₹45,000.00      |
| NIPL/119     | Reference miRNA Sequencing and Advanced Analysis - 10 MR Data/Sample, SE50, NovaSeq 6000          | Sample Preparation to Sequencing | Analysed Data | ₹40,000.00      |
| NIPL/120     | Reference miRNA Sequencing and Advanced Analysis - 20 MR Data/Sample, SE50, NovaSeq 6000          | Sample Preparation to Sequencing | Analysed Data | ₹45,000.00      |
| NIPL/121     | De novo miRNA Sequencing and Advanced Analysis - 30 MR Data/Sample, SE50, NovaSeq 6000            | Sample Preparation to Sequencing | Analysed Data | ₹50,000.00      |

| Catalogue No | Service                                                                                                     | Specification                    | Item Unit     | Catalogue Price |
|--------------|-------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|-----------------|
| NIPL/122     | Reference MetaTranscriptome Sequencing- 6 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                         | Sample Preparation to Sequencing | Raw Data      | ₹28,000.00      |
| NIPL/123     | Reference MetaTranscriptome Sequencing- 9 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                         | Sample Preparation to Sequencing | Raw Data      | ₹30,000.00      |
| NIPL/124     | De novo MetaTranscriptome Sequencing- 12 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                          | Sample Preparation to Sequencing | Raw Data      | ₹32,000.00      |
| NIPL/125     | Reference MetaTranscriptome Sequencing and Standard Analysis - 6 GB Data/Sample, 2x150 bp PE, NovaSeq 6000  | Sample Preparation to Sequencing | Analysed Data | ₹30,000.00      |
| NIPL/126     | Reference MetaTranscriptome Sequencing and Standard Analysis - 9 GB Data/Sample, 2x150 bp PE, NovaSeq 6000  | Sample Preparation to Sequencing | Analysed Data | ₹32,000.00      |
| NIPL/127     | Reference MetaTranscriptome Sequencing and Standard Analysis - 12 GB Data/Sample, 2x150 bp PE, NovaSeq 6000 | Sample Preparation to Sequencing | Analysed Data | ₹34,000.00      |
| NIPL/128     | Reference MetaTranscriptome Sequencing and Advanced Analysis - 6 GB Data/Sample, 2x150 bp PE, NovaSeq 6000  | Sample Preparation to Sequencing | Analysed Data | ₹34,000.00      |
| NIPL/129     | Reference MetaTranscriptome Sequencing and Advanced Analysis - 9 GB Data/Sample, 2x150 bp PE, NovaSeq 6000  | Sample Preparation to Sequencing | Analysed Data | ₹38,000.00      |
| NIPL/130     | Reference MetaTranscriptome Sequencing and Advanced Analysis - 12 GB Data/Sample, 2x150 bp PE, NovaSeq 6000 | Sample Preparation to Sequencing | Analysed Data | ₹42,000.00      |
| NIPL/131     | De novo MetaTranscriptome Sequencing and Advanced Analysis - 9 GB Data/Sample, 2x150 bp PE, NovaSeq 6000    | Sample Preparation to Sequencing | Analysed Data | ₹42,000.00      |
| NIPL/132     | De novo MetaTranscriptome Sequencing and Standard Analysis - 12 GB Data/Sample, 2x150 bp PE, NovaSeq 6000   | Sample Preparation to Sequencing | Analysed Data | ₹46,000.00      |
| NIPL/133     | Whole Genome Resequencing- 2 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                                      | Sample Preparation to Sequencing | Raw Data      | ₹13,000.00      |
| NIPL/134     | Whole Genome Resequencing- 5GB Data/Sample, 2x150 bp PE, NovaSeq 6000                                       | Sample Preparation to Sequencing | Raw Data      | ₹17,000.00      |
| NIPL/135     | Whole Genome Resequencing- 10 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                                     | Sample Preparation to Sequencing | Raw Data      | ₹20,000.00      |

| Catalogue No | Service                                                                                              | Specification                       | Item Unit     | Catalogue Price |
|--------------|------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|-----------------|
| NIPL/136     | Whole Genome Resequencing-<br>20 GB Data/Sample, 2x150 bp PE,<br>NovaSeq 6000                        | Sample Preparation to<br>Sequencing | Raw Data      | ₹30,000.00      |
| NIPL/137     | Whole Genome Resequencing-<br>30 GB Data/Sample, 2x150 bp PE,<br>NovaSeq 6000                        | Sample Preparation to<br>Sequencing | Raw Data      | ₹40,000.00      |
| NIPL/138     | Whole Genome Resequencing-<br>90 GB Data/Sample, 2x150 bp PE,<br>NovaSeq 6000                        | Sample Preparation to<br>Sequencing | Raw Data      | ₹1,00,000.00    |
| NIPL/139     | Whole Genome Resequencing and<br>Standard Analysis- 2 GB Data/Sample,<br>2x150 bp PE, NovaSeq 6000   | Sample Preparation to<br>Sequencing | Analysed Data | ₹17,000.00      |
| NIPL/140     | Whole Genome Resequencing and Standard<br>Analysis - 5 GB Data/Sample,<br>2x150 bp PE, NovaSeq 6000  | Sample Preparation to<br>Sequencing | Analysed Data | ₹20,000.00      |
| NIPL/141     | Whole Genome Resequencing and Standard<br>Analysis - 10 GB Data/Sample,<br>2x150 bp PE, NovaSeq 6000 | Sample Preparation to<br>Sequencing | Analysed Data | ₹25,000.00      |
| NIPL/142     | Whole Genome Resequencing and Standard<br>Analysis - 20 GB Data/Sample,<br>2x150 bp PE, NovaSeq 6000 | Sample Preparation to<br>Sequencing | Analysed Data | ₹35,000.00      |
| NIPL/143     | Whole Genome Resequencing and Standard<br>Analysis- 30 GB Data/Sample,<br>2x150 bp PE, NovaSeq 6000  | Sample Preparation to<br>Sequencing | Analysed Data | ₹50,000.00      |
| NIPL/144     | Whole Genome Resequencing and Standard<br>Analysis- 90 GB Data/Sample,<br>2x150 bp PE, NovaSeq 6000  | Sample Preparation to<br>Sequencing | Analysed Data | ₹1,10,000.00    |
| NIPL/145     | Whole Genome Resequencing and Advanced<br>Analysis - 2 GB Data/Sample,<br>2x150 bp PE, NovaSeq 6000  | Sample Preparation to<br>Sequencing | Analysed Data | ₹20,000.00      |
| NIPL/146     | Whole Genome Resequencing and Advanced<br>Analysis - 5 GB Data/Sample,<br>2x150 bp PE, NovaSeq 6000  | Sample Preparation to<br>Sequencing | Analysed Data | ₹25,000.00      |
| NIPL/147     | Whole Genome Resequencing and Advanced<br>Analysis - 10 GB Data/Sample,<br>2x150 bp PE, NovaSeq 6000 | Sample Preparation to<br>Sequencing | Analysed Data | ₹30,000.00      |
| NIPL/148     | Whole Genome Resequencing and Advanced<br>Analysis - 20 GB Data/Sample,<br>2x150 bp PE, NovaSeq 6000 | Sample Preparation to<br>Sequencing | Analysed Data | ₹40,000.00      |
| NIPL/149     | Whole Genome Resequencing and Advanced<br>Analysis- 30 GB Data/Sample,<br>2x150 bp PE, NovaSeq 6000  | Sample Preparation to<br>Sequencing | Analysed Data | ₹55,000.00      |

| Catalogue No | Service                                                                                               | Specification                    | Item Unit     | Catalogue Price |
|--------------|-------------------------------------------------------------------------------------------------------|----------------------------------|---------------|-----------------|
| NIPL/150     | Whole Genome Resequencing and Advanced Analysis- 90 GB Data/Sample, 2x150 bp PE, NovaSeq 6000         | Sample Preparation to Sequencing | Analysed Data | ₹1,20,000.00    |
| NIPL/151     | Shotgun Metagenome Sequencing- 3 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                            | Sample Preparation to Sequencing | Raw Data      | ₹20,000.00      |
| NIPL/152     | Shotgun Metagenome Sequencing- 6 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                            | Sample Preparation to Sequencing | Raw Data      | ₹23,000.00      |
| NIPL/153     | Shotgun Metagenome Sequencing- 10 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                           | Sample Preparation to Sequencing | Raw Data      | ₹25,000.00      |
| NIPL/154     | Shotgun Metagenome Sequencing- 15 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                           | Sample Preparation to Sequencing | Raw Data      | ₹30,000.00      |
| NIPL/155     | Shotgun Metagenome Sequencing and Standard Data Analysis - 3 GB Data/Sample, 2x150 bp PE, NovaSeq6000 | Sample Preparation to Sequencing | Analysed Data | ₹25,000.00      |
| NIPL/156     | Shotgun Metagenome Sequencing and Standard Data Analysis- 6 GB Data/Sample, 2x150 bp PE, NovaSeq6000  | Sample Preparation to Sequencing | Analysed Data | ₹28,000.00      |
| NIPL/157     | Shotgun Metagenome Sequencing and Standard DataAnalysis- 10 GB Data/Sample, 2x150 bp PE, NovaSeq 6000 | Sample Preparation to Sequencing | Analysed Data | ₹30,000.00      |
| NIPL/158     | Shotgun Metagenome Sequencing and Standard Data Analysis- 15 GB Data/Sample, 2x150 bp PE, NovaSeq6000 | Sample Preparation to Sequencing | Analysed Data | ₹35,000.00      |
| NIPL/159     | Shotgun Metagenome Sequencing and Advanced Data Analysis - 3 GB Data/Sample, 2x150 bp PE, NovaSeq6000 | Sample Preparation to Sequencing | Analysed Data | ₹30,000.00      |
| NIPL/160     | Shotgun Metagenome Sequencing and Advanced Data Analysis- 6 GB Data/Sample, 2x150 bp PE, NovaSeq6000  | Sample Preparation to Sequencing | Analysed Data | ₹33,000.00      |
| NIPL/161     | Shotgun Metagenome Sequencing and Advanced Data Analysis- 10 GB Data/Sample, 2x150 bp PE, NovaSeq6000 | Sample Preparation to Sequencing | Analysed Data | ₹35,000.00      |
| NIPL/162     | Shotgun Metagenome Sequencing and Advanced Data Analysis- 15 GB Data/Sample, 2x150 bp PE, NovaSeq6000 | Sample Preparation to Sequencing | Analysed Data | ₹40,000.00      |
| NIPL/163     | Mitochondrial Genome Sequencing- 6 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                          | Sample Preparation to Sequencing | Raw Data      | ₹35,000.00      |

| Catalogue No | Service                                                                                                     | Specification                    | Item Unit     | Catalogue Price |
|--------------|-------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|-----------------|
| NIPL/164     | Mitochondrial Genome Sequencing- 10 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                               | Sample Preparation to Sequencing | Raw Data      | ₹40,000.00      |
| NIPL/165     | Mitochondrial Genome Sequencing and Standard Data Analysis- 6 GB Data/Sample, 2x150 bp PE, NovaSeq6000      | Sample Preparation to Sequencing | Analysed Data | ₹40,000.00      |
| NIPL/166     | Mitochondrial Genome Sequencing and Standard Data Analysis- 10 GB Data/Sample, 2x150 bp PE, NovaSeq6000     | Sample Preparation to Sequencing | Analysed Data | ₹45,000.00      |
| NIPL/167     | Chloroplast Genome Sequencing- 6 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                                  | Sample Preparation to Sequencing | Raw Data      | ₹35,000.00      |
| NIPL/168     | Chloroplast Genome Sequencing- 10 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                                 | Sample Preparation to Sequencing | Raw Data      | ₹40,000.00      |
| NIPL/169     | Chloroplast Genome Sequencing and Standard Data Analysis - 6 GB Data/Sample, 2x150 bp PE, NovaSeq6000       | Sample Preparation to Sequencing | Analysed Data | ₹40,000.00      |
| NIPL/170     | Chloroplast Genome Sequencing and Standard DataAnalysis - 10 GB Data/Sample, 2x150 bp PE, NovaSeq 6000      | Sample Preparation to Sequencing | Analysed Data | ₹45,000.00      |
| NIPL/171     | Whole Genome Bisulphite Sequencing- 10 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                            | Sample Preparation to Sequencing | Raw Data      | ₹50,000.00      |
| NIPL/172     | Whole Genome Bisulphite Sequencing- 30 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                            | Sample Preparation to Sequencing | Raw Data      | ₹75,000.00      |
| NIPL/173     | Whole Genome Bisulphite Sequencing- 90 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                            | Sample Preparation to Sequencing | Raw Data      | ₹1,00,000.00    |
| NIPL/174     | Whole Genome Bisulphite Sequencing and Standard Data Analysis - 10 GB Data/Sample, 2x150 bp PE,NovaSeq 6000 | Sample Preparation to Sequencing | Analysed Data | ₹60,000.00      |
| NIPL/175     | Whole Genome Bisulphite Sequencing and Standard Data Analysis - 30 GB Data/Sample, 2x150 bp PE,NovaSeq 6000 | Sample Preparation to Sequencing | Analysed Data | ₹90,000.00      |
| NIPL/176     | Whole Genome Bisulphite Sequencing and Standard Data Analysis - 90 GB Data/Sample, 2x150 bp PE,NovaSeq 6000 | Sample Preparation to Sequencing | Analysed Data | ₹1,20,000.00    |
| NIPL/177     | RRBS - 10 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                                                         | Sample Preparation to Sequencing | Raw Data      | ₹50,000.00      |

| Catalogue No | Service                                                                                                | Specification                       | Item Unit     | Catalogue Price |
|--------------|--------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|-----------------|
| NIPL/178     | RRBS and Standard Data Analysis-<br>10 GB Data/Sample, 2x150 bp PE,<br>NovaSeq 6000                    | Sample Preparation to<br>Sequencing | Analysed Data | ₹60,000.00      |
| NIPL/179     | V3-V4 Sequencing - 0.1 MR Data/Sample,<br>2x250 bp PE, NovaSeq 6000                                    | Sample Preparation to<br>Sequencing | Raw Data      | ₹12,500.00      |
| NIPL/180     | V3-V4 Sequencing with Standard Analysis-<br>0.1 MR Data/Sample, 2x250 bp PE,<br>NovaSeq 6000           | Sample Preparation to<br>Sequencing | Analysed Data | ₹15,000.00      |
| NIPL/181     | V1-V3 Sequencing - 0.1 MR Data/Sample,<br>2x250 bp PE, NovaSeq 6000                                    | Sample Preparation to<br>Sequencing | Raw Data      | ₹15,000.00      |
| NIPL/182     | V1-V3 Sequencing with Standard Analysis-<br>0.1 MR Data/Sample, 2x250 bp PE,<br>NovaSeq 6000           | Sample Preparation to<br>Sequencing | Analysed Data | ₹20,000.00      |
| NIPL/183     | V3 Region Sequencing - 0.1 MR Data/Sample,<br>2x250 bp PE, NovaSeq 6000                                | Sample Preparation to<br>Sequencing | Raw Data      | ₹15,000.00      |
| NIPL/184     | V3 Region Sequencing with Standard Analysis-<br>0.1 MR Data/Sample,<br>2x250 bp PE, NovaSeq 6000       | Sample Preparation to<br>Sequencing | Analysed Data | ₹20,000.00      |
| NIPL/185     | V4 Region Sequencing - 0.1 MR Data/Sample,<br>2x250 bp PE, NovaSeq 6000                                | Sample Preparation to<br>Sequencing | Raw Data      | ₹15,000.00      |
| NIPL/186     | V4 Region Sequencing with Standard Analysis-<br>0.1 MR Data/Sample,<br>2x250 bp PE, NovaSeq 6000       | Sample Preparation to<br>Sequencing | Analysed Data | ₹20,000.00      |
| NIPL/187     | Archaea identification using amplicon<br>sequencing - 0.1 MR Data/Sample, 2x250 bp<br>PE, NovaSeq 6000 | Sample Preparation to<br>Sequencing | Raw Data      | ₹20,000.00      |
| NIPL/188     | ATAC-Sequencing - 6 GB Data/Sample,<br>2x150 bp PE, NovaSeq 6000                                       | Sample Preparation to<br>Sequencing | Raw Data      | ₹50,000.00      |
| NIPL/189     | ITS Sequencing - 0.1 MR Data/Sample,<br>2x250 bp PE, NovaSeq 6000                                      | Sample Preparation to<br>Sequencing | Raw Data      | ₹12,500.00      |
| NIPL/190     | ITS Sequencing with Standard Analysis-<br>0.1 MR Data/Sample, 2x250 bp PE,<br>NovaSeq 6000             | Sample Preparation to<br>Sequencing | Analysed Data | ₹15,000.00      |
| NIPL/191     | nifH sequencing - 0.1 MR Data/Sample,<br>2x250 bp PE, NovaSeq 6000                                     | Sample Preparation to<br>Sequencing | Raw Data      | ₹15,000.00      |

| Catalogue No                                                | Service                                                                                                                                         | Specification                            | Item Unit     | Catalogue Price |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------|-----------------|
| NIPL/192                                                    | nifH sequencing with Standard Analysis- 0.1 MR Data/Sample, 2x250 bp PE, NovaSeq 6000                                                           | Sample Preparation to Sequencing         | Analysed Data | ₹20,000.00      |
| NIPL/193                                                    | ChIP Sequencing - 5-6 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                                                                                 | Sample Preparation to Sequencing         | Raw Data      | ₹25,000.00      |
| NIPL/194                                                    | ChIP Sequencing with Standard Analysis- 5-6 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                                                           | Sample Preparation to Sequencing         | Analysed Data | ₹30,000.00      |
| NIPL/195                                                    | ChIP Sequencing - 9GB Data/Sample, 2x150 bp PE, NovaSeq 6000                                                                                    | Sample Preparation to Sequencing         | Raw Data      | ₹30,000.00      |
| NIPL/196                                                    | ChIP Sequencing with Standard Analysis- 9 GB Data/Sample, 2x150 bp PE, NovaSeq 6000                                                             | Sample Preparation to Sequencing         | Analysed Data | ₹35,000.00      |
| NIPL/197                                                    | Genotyping by Sequencing- 120 Mb Data/Sample, 2x150 bp PE, NovaSeq 6000                                                                         | Sample Preparation to Sequencing         | Raw Data      | ₹8,000.00       |
| NIPL/198                                                    | Genotyping by Sequencing with Standard Analysis - 120 Mb Data/Sample, 2x150 bp PE, NovaSeq 6000                                                 | Sample Preparation to Sequencing         | Analysed Data | ₹10,000.00      |
| NIPL/199                                                    | RAD Sequencing - 120 Mb Data/Sample, 2x150 bp PE, NovaSeq 6000                                                                                  | Sample Preparation to Sequencing         | Raw Data      | ₹8,000.00       |
| NIPL/200                                                    | RAD Sequencing with Standard Analysis- 120 Mb Data/Sample, 2x150 bp PE, NovaSeq 6000                                                            | Sample Preparation to Sequencing         | Analysed Data | ₹10,000.00      |
| <b>De-Novo Genome Sequencing (Microbial and Metagenome)</b> |                                                                                                                                                 |                                          |               |                 |
| NIPL/201                                                    | Denovo Whole Genome Sequencing by PacBio Sequel II - up to 10Kb CCS library, 2 Gb Raw data, CCS, 10 Hr Movie (16 samples/SMRT)                  | Sample Preparation, Sequencing           | Raw Data      | ₹75,000.00      |
| NIPL/202                                                    | Denovo Whole Genome Sequencing by PacBio Sequel II - up to 10Kb CCS library, 2 Gb Raw data, CCS, 10 Hr Movie (16 samples/SMRT) with Methylation | Sample Preparation, Sequencing, Analysis | Analysed Data | ₹1,00,000.00    |
| NIPL/203                                                    | Denovo Whole Genome Sequencing by PacBio Sequel II - up to 10Kb CCS library, 2 Gb Raw data, CCS, 10 Hr Movie and Assembly Generation            | Sample Preparation, Sequencing, Analysis | Analysed Data | ₹1,00,000.00    |
| NIPL/204                                                    | Sequencing in Sequel II System for 16s rRNA (V1-V9) - 10K full length Reads, CCS, 10 Hr Movie                                                   | Sample Preparation to Sequencing         | Raw Data      | ₹25,000.00      |

| Catalogue No                                                            | Service                                                                                                              | Specification                    | Item Unit     | Catalogue Price |
|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|-----------------|
| NIPL/205                                                                | Sequencing in Sequel II System for 16s rRNA (V1-V9) with Analysis - 10K full length Reads, CCS, 10 Hr Movie          | Sample Preparation to Sequencing | Analysed Data | ₹30,000.00      |
| NIPL/206                                                                | Metagenome Profiling (Shotgun)- 10Kb CCS library, 4 Gb Raw data, CCS, 10 Hr Movie (48 Samples per SMRT)              | Sample Preparation to Sequencing | Raw Data      | ₹60,000.00      |
| NIPL/207                                                                | Metagenome Assembly (Shotgun)- 10Kb CCS library, 20 Gb Raw data, CCS, 10 Hr Movie                                    | Sample Preparation to Sequencing | Raw Data      | ₹2,00,000.00    |
| <b>De-Novo Genome Sequencing (Fungal Genome)</b>                        |                                                                                                                      |                                  |               |                 |
| NIPL/208                                                                | Denovo Whole Genome Sequencing by PacBio SequelII - 15-20 Kb CCS Library, 50 Gb Raw data, CCS, 30 Hr Movie           | Sample Preparation to Sequencing | Raw Data      | ₹4,00,000.00    |
| NIPL/209                                                                | Hi-C Sequencing- 50 GB Data/Sample- 2x150 bp PE, NovaSeq 6000                                                        | Sample Preparation to Sequencing | Raw Data      | ₹4,00,000.00    |
| NIPL/210                                                                | ISO-Sequencing by PacBio Sequel II- 5Kb library, 25 Gb Raw data per tissue, CCS, 24 Hr Movie                         | Sample Preparation to Sequencing | Raw Data      | ₹1,50,000.00    |
| NIPL/211                                                                | Assembly, Scaffolding, Annotation                                                                                    | Sample Preparation to Sequencing | Analysed Data | ₹1,00,000.00    |
| <b>De-Novo Genome Sequencing (Plant Genome up to 500Mb genome Size)</b> |                                                                                                                      |                                  |               |                 |
| NIPL/212                                                                | Denovo Whole Genome Sequencing by PacBio Sequel II - 15-20 Kb CCS Library, 150 - 200 Gb Raw data, CCS, 30 Hr Movie   | Sample Preparation to Sequencing | Raw Data      | ₹10,50,000.00   |
| NIPL/213                                                                | Optical Mapping                                                                                                      | Sample Preparation to Sequencing | Raw Data      | ₹8,50,000.00    |
| NIPL/214                                                                | Hi-C Sequencing- 100 GB Data/Sample- 2x150 bp PE, NovaSeq 6000 by Restriction enzyme cocktail by Phase               | Sample Preparation to Sequencing | Raw Data      | ₹8,50,000.00    |
| NIPL/215                                                                | Hi-C Sequencing- 100 GB Data/Sample- 2x150 bp PE, NovaSeq 6000 by RE free from omni-C.                               | Sample Preparation to Sequencing | Raw Data      | ₹8,50,000.00    |
| NIPL/216                                                                | ISO-Sequencing by PacBio Sequel II- 5Kb Library, 25 Gb Raw data per tissue, CCS, 24 Hr Movie (up to 12 tissues/SMRT) | Sample Preparation to Sequencing | Raw Data      | ₹1,50,000.00    |
| NIPL/217                                                                | Assembly, Scaffolding, Super Scaffolding, Gap Filling, Manual Curation, Annotation                                   | Sample Preparation to Sequencing | Analysed Data | ₹5,00,000.00    |

| Catalogue No                                                            | Service                                                                                                                                    | Specification                                                         | Item Unit     | Catalogue Price |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------|-----------------|
| <b>De-Novo Genome Sequencing (Animal Genome up to 1 GB genome Size)</b> |                                                                                                                                            |                                                                       |               |                 |
| NIPL/218                                                                | Denovo Whole Genome Sequencing by PacBio Sequel II - 15-20 Kb CCS Library, 300 - 400 Gb Raw data, CCS, 30 Hr Movie (2 SMRT per 1Gb genome) | Sample Preparation to Sequencing                                      | Raw Data      | ₹16,00,000.00   |
| NIPL/219                                                                | Optical Mapping                                                                                                                            | Sample Preparation to Sequencing                                      | Raw Data      | ₹8,50,000.00    |
| NIPL/220                                                                | Hi-C Sequencing- 100 GB Data/Sample- 2x150 bp PE, NovaSeq 6000 by Restriction enzyme cocktail by Phase                                     | Sample Preparation to Sequencing                                      | Raw Data      | ₹8,50,000.00    |
| NIPL/221                                                                | Hi-C Sequencing- 100 GB Data/Sample- 2x150 bp PE, NovaSeq 6000 by RE free from omni-C.                                                     | Sample Preparation to Sequencing                                      | Raw Data      | ₹8,50,000.00    |
| NIPL/222                                                                | ISO-Sequencing by PacBio Sequel II- 5Kb Library, 25 Gb Raw data per tissue, CCS, 24 Hr Movie (upto 8 tissues/SMRT)                         | Sample Preparation to Sequencing                                      | Raw Data      | ₹1,50,000.00    |
| NIPL/223                                                                | Assembly, Scaffolding, Super Scaffolding, Gap Filling, Manual Curation, Annotation                                                         | Sample Preparation to Sequencing                                      | Analysed Data | ₹10,00,000.00   |
| <b>De-Novo Genome Targeted and Non-Amp Targeted Regions</b>             |                                                                                                                                            |                                                                       |               |                 |
| NIPL/224                                                                | Sequencing in Sequel II System for Targeted Sequencing                                                                                     | Sample Preparation to Sequencing                                      | Raw Data      | Enquire         |
| NIPL/225                                                                | Sequencing in Sequel II System for Non-Amp Targeted Sequencing                                                                             | Sample Preparation to Sequencing                                      | Raw Data      | Enquire         |
| <b>Genotyping Services (Plant Genotyping Services listed in DrSeed)</b> |                                                                                                                                            |                                                                       |               |                 |
| NIPL/226                                                                | SNP Genotyping on Gene Titan or iScan                                                                                                      | Genotyping                                                            | Genotyping    | ₹2,500.00       |
| 550771                                                                  | Axiom Canine Genotyping Array Set A                                                                                                        | 460,000 markers                                                       | 96 array      | Enquire *       |
| 550772                                                                  | Axiom Canine Genotyping Array Set B                                                                                                        | 670,000 variants that are equally distributed across the chromosomes. | 96 array      | Enquire *       |

\* Please confirm the availability of Axiom Array before placing the order

| Catalogue No | Service                                          | Specification                                                                | Item Unit | Catalogue Price |
|--------------|--------------------------------------------------|------------------------------------------------------------------------------|-----------|-----------------|
| 550869       | Axiom Canine HD Array                            | 11000 markers                                                                | 96 array  | Enquire *       |
| 550772       | Axiom™ Ovine Genotyping Array                    | 11000 markers                                                                | 384 array | Enquire *       |
| 550583       | Axiom™ Equine Genotyping Array                   | 670,796 markers                                                              | 96 array  | Enquire *       |
| 550431       | Axiom™ Buffalo Genotyping Array                  | 90,000 markers                                                               | 96 array  | Enquire *       |
| 550898       | Axiom™ Ovine Genotyping Array (50K)              | 50000 markers                                                                | 384 array | Enquire *       |
| 550627       | Axiom™ Bovine-Ovine-Caprine Genotyping Array     | Bovine: 54,560 markers,<br>Ovine: 54,236 markers,<br>Caprine: 60,034markers. | 96 array  | Enquire *       |
| 902148       | Axiom™ Genome-Wide Chicken Array Kit             | 5,80,000 markers                                                             | 96 array  | Enquire *       |
| 550855       | Axiom™ Porcine Breeders Array, 384HT format      | 55,150 markers                                                               | 96 array  | Enquire *       |
| 551343       | Axiom™ Caprine Genotyping v2 Array, 384HT format | 1 to 50 probes along with 59,795 SNPs and 265 structural variants            | 384 array | Enquire *       |
| 901791       | Axiom™ Genome-Wide BOS 1 Bovine Array            | 6,40,000 SNP markers                                                         | 96 array  | Enquire *       |
| 551089       | Axiom™ Bovine Genotyping v3 Array (384HT format) | >63,000 markers                                                              | 384 array | Enquire *       |
| 550855       | Axiom™ Porcine Breeders Array, mini-96 format    | 55,150 markers                                                               | 96 array  | Enquire *       |

\* Please confirm the availability of Axiom Array before placing the order

| Genotyping Services- DrSeed Agritech (Sequencing Services listed in PAM) |                                                                 |                                                                                                                  |            |                 |
|--------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------|-----------------|
| Catalogue No                                                             | Service                                                         | Specification                                                                                                    | Item Unit  | Catalogue Price |
| 551344                                                                   | Axiom™ Caprine Genotyping v2 Array, mini-96 format (384 Format) | 59,795 SNPs                                                                                                      | 96 array   | Enquire *       |
| 551090                                                                   | Axiom™ Bovine Genotyping V3 Array (mini-96 format)              | >63,000                                                                                                          | 96 array   | Enquire *       |
| NIPL/223                                                                 | SNP Genotyping on GeneTitan or iScan                            | Genotyping                                                                                                       | Genotyping | ₹2,500.00       |
| 550625                                                                   | Axiom™ Rice Genotyping Array                                    | 42,961 markers from GeneChip™ Rice 44K Genotyping Array and 5,499 markers from a whole-genome SNP array (RICE6K) | 96 array   | Enquire *       |
| 550466                                                                   | Axiom™ Strawberry Genotyping Array                              | 95,062 SNPs                                                                                                      | 96 array   | Enquire *       |
| 550469                                                                   | Axiom™ Soybean Genotyping Array                                 | 180,961 markers                                                                                                  | 96 array   | Enquire *       |
| 550573                                                                   | Axiom™ Apple Genotyping Array                                   | 4,80,000 markers                                                                                                 | 96 array   | Enquire *       |
| 550494                                                                   | Axiom™ Maize Genotyping Array                                   | 616, 201 variants including 609, 442 SNPs                                                                        | 96 array   | Enquire *       |
| 550524                                                                   | Axiom™ Wheat Breeder's Genotyping Array                         | 817,000 SNPs in atwo-array set in the 96-array plateformat                                                       | 384 array  | Enquire *       |
| 550524                                                                   | Axiom™ Wheat Breeder's Genotyping Array                         | 35,000 SNPs for worldwide elite wheat lines in the 384-array plate format                                        | 384 array  | Enquire *       |
| 551098                                                                   | Axiom™ Maize6H Genotyping Array (60K), 384HT format             | 61,282 markers                                                                                                   | 384 array  | Enquire *       |

\* Please confirm the availability of Axiom Array before placing the order

| Catalogue No | Service                                                         | Specification                                                                                                                                                                                                            | Item Unit    | Catalogue Price |
|--------------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|
| 550491       | Axiom™ Wheat HD Genotyping Arrays                               | 817,000 SNPs                                                                                                                                                                                                             | 2 X 96 array | Enquire *       |
| 550491       | Axiom™ Wheat HD Genotyping Arrays                               | 35,000 SNPs for worldwide elite wheat lines in the 384-array plateformat                                                                                                                                                 | 2 X 96 array | Enquire *       |
| 550492       | Axiom™ Wheat HD Genotyping Arrays                               | 817,000 SNPs in atwo-array set in the 96-array plateformat                                                                                                                                                               | 2 x 96 array | Enquire *       |
| 550492       | Axiom™ Wheat HD Genotyping Arrays                               | 35,000 SNPs for worldwide elite wheat lines in the 384-array plateformat                                                                                                                                                 | 2 x 96 array | Enquire *       |
| 551134       | Axiom™ Eucalyptus Genotyping Array (Axiom Euc72K), 384HT format | 72,000 SNPs                                                                                                                                                                                                              | 384 array    | Enquire *       |
| 551135       | Axiom™ Eucalyptus Genotyping Array (Axiom Euc72K), 384 format   | 72,000 SNPs                                                                                                                                                                                                              | 96 array     | Enquire *       |
| 550776       | Axiom™ Multispecies Plant Genotyping Array, (384HT format)      | <ul style="list-style-type: none"> <li>• Anacardium occidentale: 16,504 SNPs</li> <li>• Manihot esculenta: 3,417 SNPs</li> <li>• Araucaria angustifolia: 3,400 SNPs</li> <li>• Eucalyptus grandis: 2,000 SNPs</li> </ul> | 384 arrays   | Enquire *       |
| 551231       | Axiom™ Multispecies Plant Genotyping Array, mini 96 format      | <ul style="list-style-type: none"> <li>• Anacardium occidentale: 16,504 SNPs</li> <li>• Manihot esculenta: 3,417 SNPs</li> <li>• Araucaria angustifolia: 3,400 SNPs</li> <li>• Eucalyptus grandis: 2,000 SNPs</li> </ul> | 96 array     | Enquire *       |

\* Please confirm the availability of Axiom Array before placing the order

| Catalogue No | Service                                                                                                     | Specification                                                       | Item Unit | Catalogue Price |
|--------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------|-----------------|
| 550868       | Axiom™ BreedWheat 35K Genotyping Array (384HT format)                                                       | 34,746 SNPs array derived from the Axiom TaBW280K Genotyping Array  | 384 array | Enquire *       |
| 551099       | Axiom™ Maize6H Genotyping Array (60K), mini 96 format                                                       | 61,282 markers that are evenly distributed across the entire genome | 96 array  | Enquire *       |
| 550540       | Axiom™ Salmon Genotyping Array Applied Biosystems™                                                          | 130,000 SNPs                                                        | 96 array  | Enquire *       |
| 550571       | Axiom™ Trout Genotyping Array (384HT format) Applied Biosystems™                                            | 57,501 markers                                                      | 384 array | Enquire *       |
| 550468       | Axiom™ Trout Genotyping Array (96 format) Applied Biosystems™                                               | 57,501 markers                                                      | 96 array  | Enquire *       |
| 550961       | Axiom™ Coral-Algae Genotyping Array, (384HT format) Applied Biosystems™                                     | 53,589 SNPs from the coral host and 4,021 SNPs from algal symbionts | 384 array | Enquire *       |
| 550962       | Axiom™ Coral-Algae Genotyping Array, mini 96-format Applied Biosystems™                                     | 53,589 SNPs from the coral host and 4,021 SNPs from algal symbionts | 96 array  | Enquire *       |
| 551218       | Axiom™ Multispecies Tambaqui and Pacu Genotyping Array (Axiom SerraSNP), 384HT format Applied Biosystems™   | Tambaqui : 29575 SNPs, Pacu : 29612 SNPs                            | 384 array | Enquire *       |
| 551185       | Axiom™ Multispecies Shrimp and Tilapia Genotyping Array (Axiom™ TilShrv1), 384HT format                     | Shrimp : 6453 SNPs, Tilapia : 60,886 SNPs                           | 384 array | Enquire *       |
| 551219       | Axiom™ Multispecies Tambaqui and Pacu Genotyping Array (Axiom SerraSNP), mini 96 format Applied Biosystems™ | Tambaqui : 29575 SNPs, Pacu : 29612 SNPs                            | 96 array  | Enquire *       |
| 551186       | Axiom™ Multispecies Shrimp and Tilapia Genotyping Array (Axiom™ TilShrv1), mini-96 format                   | Shrimp : 6453 SNPs, Tilapia : 60,886 SNPs                           | 96 array  | Enquire *       |

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| Catalogue No                                                                                                                               | Service                                                                                               | Specification                       | Item Unit     | Catalogue Price |
|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|-----------------|
| NIPL/227                                                                                                                                   | RiCA-1 panel (min samples required is 192)                                                            | 1040 markers                        | Genotyping    | ₹2,000.00       |
| NIPL/228                                                                                                                                   | RiCA-1 panel (min samples required is 384)                                                            | 1040 markers                        | Genotyping    | ₹1,850.00       |
| NIPL/229                                                                                                                                   | RiCA-1 panel (min samples required is 1536)                                                           | 1040 markers                        | Genotyping    | ₹1,700.00       |
| NIPL/230                                                                                                                                   | RiCA-1 panel (min samples required is 5k)                                                             | 1040 markers                        | Genotyping    | ₹1,600.00       |
| NIPL/231                                                                                                                                   | RiCA-1 panel (min samples required is 10k)                                                            | 1040 markers                        | Genotyping    | ₹1,500.00       |
| <b>DrSeq Human Genomics and Disease Research Services (Sequencing Services listed in PAM)</b><br><b>Sequencing and Genotyping Services</b> |                                                                                                       |                                     |               |                 |
| NIPL/232                                                                                                                                   | Clinical Exome Sequencing-<br>5-6 GB Data/Sample, 2x150 bp PE,<br>NovaSeq 6000                        | Sample Preparation to<br>Sequencing | Raw Data      | ₹25,000.00      |
| NIPL/233                                                                                                                                   | Clinical Exome Sequencing and Standard<br>Analysis - 5-6 GB Data/Sample, 2x150 bp PE,<br>NovaSeq 6000 | Sample Preparation to<br>Sequencing | Analysed Data | ₹30,000.00      |
| NIPL/234                                                                                                                                   | Exome Sequencing - 9 GB Data/Sample,<br>2x150 bp PE, NovaSeq 6000                                     | Sample Preparation to<br>Sequencing | Raw Data      | ₹30,000.00      |
| NIPL/235                                                                                                                                   | Exome Sequencing and Standard Analysis-<br>9 GB Data/Sample, 2x150 bp PE,<br>NovaSeq 6000             | Sample Preparation to<br>Sequencing | Analysed Data | ₹35,000.00      |
| NIPL/236                                                                                                                                   | Targeted Panel Exome Sequencing-<br>2 GB Data/Sample, 2x150 bp PE,<br>NovaSeq 6000                    | Sample Preparation to<br>Sequencing | Raw Data      | ₹35,000.00      |
| NIPL/237                                                                                                                                   | Custom Exome targeted panels-<br>0.5Mb capture size, 3Mb                                              | Sample Preparation to<br>Sequencing | Raw Data      | Enquire         |

| Catalogue No | Service                                                | Specification                                                                        | Item Unit     | Catalogue Price |
|--------------|--------------------------------------------------------|--------------------------------------------------------------------------------------|---------------|-----------------|
| NIPL/238     | Custom Exome targeted panels - 0.5Mb capture size, 5Mb | Sample Preparation to Sequencing                                                     | Raw Data      | Enquire         |
| NIPL/239     | Twist Human Methylome Panel - 30GB data                | Sample Preparation to Sequencing                                                     | Raw Data      | ₹50,000.00      |
| NIPL/240     | Twist Human Methylome Panel - 30GB data                | Sample Preparation to Sequencing                                                     | Analysed Data | ₹55,000.00      |
| NIPL/241     | Infinium MethylationEPIC v2.0 Array                    | Sample Preparation to Sequencing                                                     | Raw Data      | ₹50,000.00      |
| NIPL/242     | Infinium MethylationEPIC v2.0 Array                    | Sample Preparation to Sequencing                                                     | Analysed Data | ₹55,000.00      |
| NIPL/243     | Liquid Biopsy for Infectious Disease                   | Sample Preparation to Sequencing                                                     | Raw Data      | ₹25,000.00      |
| NIPL/244     | Liquid Biopsy for Oncology                             | Sample Preparation to Sequencing                                                     | Raw Data      | ₹35,000.00      |
| NIPL/245     | Optical genome mapping- for SV discovery in humans     | Sample Preparation to Sequencing                                                     | Raw Data      | ₹8,50,000.00    |
| NIPL/246     | SNP Genotyping on GeneTitan or iScan                   | Genotyping                                                                           | Genotyping    | ₹2,500.00       |
| 902106       | Axiom Exome319 Array                                   | 30,000 SNP                                                                           | 96-array      | Enquire *       |
| 901608       | Axiom Genome Wide CEU 1 Array Plate                    | Array designed for rare alleles (MAF >1%) of a consensus East Asian (JPT+CHB) genome | 96-array      | Enquire *       |

\* Please confirm the availability of Axiom Array before placing the order

| Catalogue No | Service                                             | Specification                                                                                                  | Item Unit | Catalogue Price |
|--------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------|-----------------|
| 901847       | Axiom Genome Wide EAS 1 Array Plate (World Array 2) | East Asian ancestry (5,000 gene) genome Analysis                                                               | 96-array  | Enquire *       |
| 901640       | Axiom Genome Wide ASI 1 Array Plate                 | Array designed for rare alleles (MAF >1%) of a consensus East Asian (JPT+CHB) genome                           | 96-array  | Enquire *       |
| 901787       | Axiom Genome Wide EUR 1 Array Plate (World Array1)  | European ancestry genome-wide imputation analysis                                                              | 96-array  | Enquire *       |
| 901848       | Axiom Genome Wide AFR 1 Array Plate (World Array 3) | West African and European ancestry (5,000 gene) genome Analysis                                                | 96-array  | Enquire *       |
| 901849       | Axiom Genome Wide LAT 1 Array Plate (World Array 4) | Native American, European, and West African ancestry genome wide analysis                                      | 96-array  | Enquire *       |
| 901764       | Axiom Genome Wide CHB 1 Array Plate                 | (MAF >5%) of the Han Chinese genome analysis                                                                   | 96-array  | Enquire *       |
| 901842       | Axiom Genome Wide CHB 2 Array Plate                 | Target rare variants (MAF 2-5%)                                                                                | 96-array  | Enquire *       |
| 901843       | Axiom CHB 2.0 (CHB 1+2) Array                       | (MAF >5%) of the Han Chinese genome and Target rare variants (MAF 2-5%) genome wide analysis                   | 96-array  | Enquire *       |
| 901788       | Axiom Genome Wide PanAFR Genotyping Bundle          | Genomic Coverage: >90% Yoruba (West African) , >85% Luhya and Maasi (East African), >85% West African ancestry | 96-array  | Enquire *       |
| 902163       | Axiom miRNA Target Site Array                       | Markers associated with cancer, cardiovascular disease, and type 2 diabetes                                    | 96-array  | Enquire *       |
| 902186       | Axiom Biobank Genotyping Array (a.k.a. Biobank 1)   | Large sample cohorts to study the genetics of complex diseases and translational research                      | 96-array  | Enquire *       |

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| Catalogue No | Service                                                                                                                                              | Specification                                                                             | Item Unit | Catalogue Price |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------|-----------------|
| 902502       | UK Biobank Axiom Array                                                                                                                               | Large sample cohorts to study the genetics of complex diseases and translational research | 96-array  | Enquire *       |
| 901853       | Axiom Genome-Wide Human Origins<br>1 Array Plate                                                                                                     | 629,000 SMPs                                                                              | 96-array  | Enquire *       |
| 902865       | Axiom Transplant Genotyping Array                                                                                                                    | Large sample cohorts to study the genetics of complex diseases and translational research | 96-array  | Enquire *       |
| 902981       | Axiom Precision Medicine Research Array                                                                                                              | 800,000 SNPs                                                                              | 96-array  | Enquire *       |
| 903010TS     | PharmacoScan Assay Kit for 24 Format<br>(includes 4 plates and 4x24 reagent kit and consumables)                                                     | 4,627 markers in 1,191 genes                                                              | 96-array  | Enquire *       |
| 903026       | PharmacoScan Assay Kit for 96 Format<br>(includes 1 plate and necessary reagents and consumables)                                                    | 4,627 markers in 1,191 genes                                                              | 96-array  | Enquire *       |
| 905429       | Axiom PMRA Kit (Sales kit includes one 96-array plate; Axiom 2.0 reagent kit(901758); and Gene Titan MC consumable kit (901606)                      | 800,000 markers                                                                           | 96-array  | Enquire *       |
| 905430       | UK Biobank Axiom Array Kit (Sales kit includes one 96- array plate; Axiom 2.0 reagent kit (901758); Gene Titan MC consumables kit (901606)           | Large sample cohorts to study the genetics of complex diseases and translational research | 96-array  | Enquire *       |
| 905423       | Axiom Asia PMRA 96-Array Kit (Sales kit includes one 96-array plate; Axiom 2.0 reagent kit(901758); and Gene Titan MC consumable kit (901606)        | 750,000 markers                                                                           | 96-array  | Enquire *       |
| 905421       | Axiom Asia PMRA 24-Array Kit (Sales kit includes four 24-array plates; one 4x24 Axiom 2.0 reagent kit 902798; Gene Titan MC consumables kit (901606) | 750,000 markers                                                                           | 96-array  | Enquire *       |

\* Please confirm the availability of Axiom Array before placing the order

| Catalogue No | Service                                                                                                                                                                                                | Specification                                            | Item Unit | Catalogue Price |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------|-----------------|
| 951958       | Axiom Precision Medicine Diversity Array 96F                                                                                                                                                           | -                                                        | 96-array  | Enquire *       |
| 951961       | Axiom 2.0 Plus Assay, PMDA array and GT consumables kit (Sales kit includes one 96-array plate (951958); Axiom 2.0 Plus reagent kit (951960); and Gene Titan MC consumables kit (901606)               | >850,000 markers Over 5,000 variants in over 1,100 genes | 96-array  | Enquire *       |
| 951962       | Axiom 2.0 Assay, PMDA array and GT consumables kit (Sales kit includes one 96-array plate (951958); Axiom 2.0 Plus reagent kit (951960); and GeneTitan MC Consumables kit (901606)                     | Cover 5,000 variants in over 1,100 genes                 | 96-array  | Enquire *       |
| 952402       | Axiom HGCoV2_1 Assay Kit (Sales kit includes one 96- array plate (952401); Axiom 2.0 reagent kit (901758); and GeneTitan MC consumables kit (901606)                                                   | >820,000 markers                                         | 96-array  | Enquire *       |
| 952403       | Axiom HGCoV2_1 Plus Assay Kit (Sales kit includes one 96-array plate (952401); Axiom 2.0 Plus reagent kit (951960); and GeneTitan MC consumables kit (901606)                                          | >820,000 markers                                         | 96-array  | Enquire *       |
| 952406       | Axiom Pan-African Cancer Research Assay Kit, array 1; Includes one 96-array plate (array 1), Axiom reagents, and GeneTitan Multi-Channel Instrument consumables for running 96 samples                 | -                                                        | 96-array  | Enquire *       |
| 952407       | Axiom Pan-African Cancer Research Assay Kit, array 2; Includes one 96-array plate (array 2), Axiom reagents, and GeneTitan Multi-Channel Instrument consumables for running 96 samples                 | -                                                        | 96-array  | Enquire *       |
| 952396       | Axiom™ PharmacoFocus™ Assay Mini 96 Kit (Sales kits includes one mini 96-array plate(952380); Axiom™ PharmacoFocus™ Assay Mini 96 Reagent Kit (952389)                                                 | Panel includes 2,000 variants in 150 genes               | Mini-96   | Enquire *       |
| 952425       | Axiom™ PharmacoFocus™ Assay Core Mini 96 Kit (Sales kits includes one mini 96-array plate(952380); Axiom™ PharmacoFocus™ Assay Mini 96 Reagent Kit (952389) (without Star Allele / Translation tables) | Panel includes 2,000 variants in 150 genes               | Mini-96   | Enquire *       |

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| Catalogue No                                | Service                                                                                                                                                 | Specification    | Item Unit     | Catalogue Price |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------|-----------------|
| 951961                                      | Axiom™ Precision Medicine Diversity Array (APMDA) It offers >850,000 markers selected for high genomic coverage from the 1000Genomes Project Phase III. | >850,000 markers | 96            | Enquire *       |
| 905421                                      | Axiom Asia PMRA 24-Array Kit (Sales kit includes four 24-array plates; one 4×24 Axiom 2.0 reagent kit 902798; Gene Titan MC consumables kit (901606)    | 750,000 markers  | 96-array      | Enquire *       |
| <b>Custom Research Services at Nucleome</b> |                                                                                                                                                         |                  |               |                 |
| NIPL/247                                    | DNA Sequencing of Plasmid / PCR Product                                                                                                                 | Sequencing       | Reaction      | ₹450.00         |
| NIPL/248                                    | Purification of samples by Gel extraction (Kit)                                                                                                         | Sample           | Sample        | ₹350.00         |
| NIPL/249                                    | Regular Oligo                                                                                                                                           | Sequencing       | Reaction      | ₹18.00          |
| NIPL/250                                    | Custom Wet Lab                                                                                                                                          | Custom           | Per Hour      | ₹10,000.00      |
| NIPL/251                                    | Genetic Purity Testing (SNP/ KASP)                                                                                                                      | Custom           | Custom        | ₹10,000.00      |
| NIPL/252                                    | RNA Seq Analysis Upto DGE Upto 6 GB                                                                                                                     | Analysis         | Analysed Data | ₹4,900.00       |
| NIPL/253                                    | DNA Seq Analysis for Variant Calling Upto 12 GB                                                                                                         | Analysis         | Analysed Data | ₹10,000.00      |
| NIPL/254                                    | Denovo Assembly Upto 100 Mb Genome                                                                                                                      | Analysis         | Analysed Data | ₹50,000.00      |
| NIPL/255                                    | Denovo Assembly Upto 1Gb Genome                                                                                                                         | Analysis         | Analysed Data | ₹2,00,000.00    |
| NIPL/256                                    | Denovo Assembly Upto 2 Gb Genome                                                                                                                        | Analysis         | Analysed Data | ₹3,00,000.00    |
| NIPL/257                                    | Denovo Assembly Upto 3 Gb Genome                                                                                                                        | Analysis         | Analysed Data | ₹5,00,000.00    |
| NIPL/258                                    | Annotation Upto 100 Mb Genome                                                                                                                           | Analysis         | Analysed Data | ₹50,000.00      |

| Catalogue No | Service                                                                  | Specification                                                              | Item Unit     | Catalogue Price |
|--------------|--------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------|-----------------|
| NIPL/261     | Annotation Upto 3 Gb Genome                                              | Analysis                                                                   | Analysed Data | ₹5,00,000.00    |
| NIPL/259     | Annotation Upto 1Gb Genome                                               | Analysis                                                                   | Analysed Data | ₹2,00,000.00    |
| NIPL/260     | Annotation Upto 2 Gb Genome                                              | Analysis                                                                   | Analysed Data | ₹3,00,000.00    |
| NIPL/262     | Custom Analysis 1 CPU Hour                                               | Analysis                                                                   | Analysed Data | ₹5,000.00       |
| NIPL/263     | Custom 5K - 50K LD Chip Development (min samples required is 480)*       | Genotyping                                                                 | Genotyping    | ₹15,000.00      |
| NIPL/264     | Custom 90K LD Chip Development (min samples required is 480)*            | Genotyping                                                                 | Genotyping    | ₹17,000.00      |
| NIPL/265     | Custom HD Chip Development, > 500K marker (min samples required is 480)* | Genotyping                                                                 | Genotyping    | ₹20,000.00      |
| NIPL/266     | Data Transfer in Server and Software Installation- 32 Gb RAM             | Data Transfer in a Big Data Decoder Server with SoftwareInstallation       | Server        | ₹4,50,000.00    |
| NIPL/267     | Data Transfer in Server and Software Installation- 128 Gb RAM            | Data Transfer in Dell Transfer Server with Server and SoftwareInstallation | Data Set      | ₹10,00,000.00   |
| NIPL/268     | Data Transfer in Server and Software Installation- 512 Gb RAM            | Data Transfer in Dell Transfer Server with Server and SoftwareInstallation | Data Set      | ₹27,00,000.00   |
| NIPL/269     | Raw Data Submission                                                      | Raw Datasubmission inSRA Databse of NCBI                                   | Data Set      | ₹30,000.00      |
| NIPL/270     | Assembled Data Submission                                                | Assembled Data submission inGenBank Databse                                | Data Set      | ₹4,00,000.00    |
| NIPL/271     | DrSeq™ Software                                                          | Software For NGSDData Analysis 1 year subscription                         | Per License   | ₹1,50,000.00    |
| NIPL/272     | Custom Analysis on Customers' Site                                       | On site customised analysis (Per Day)                                      | Per Day       | ₹15,000.00      |

| Catalogue No                                                    | Service                                                                         | Specification | Item Unit | Catalogue Price |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------|---------------|-----------|-----------------|
| <b>Advanced Kits and Protocols for Various NGS applications</b> |                                                                                 |               |           |                 |
| NIPL/273                                                        | Plant Total RNA Isolation Kit, 50 reactions                                     | Kit           | Kit       | ₹50,000.00      |
| NIPL/274                                                        | RNeasy Kit, 50 reactions                                                        | Kit           | Kit       | ₹56,000.00      |
| NIPL/275                                                        | RNA mini Isolation Kit, 50 reactions                                            | Kit           | Kit       | ₹30,000.00      |
| NIPL/276                                                        | Genomic Tip 20/G, DNA Isolation Kit, 25 reactions                               | Kit           | Kit       | ₹50,000.00      |
| NIPL/277                                                        | Genomic Tip 100/G, DNA Isolation Kit, 25 reactions                              | Kit           | Kit       | ₹70,000.00      |
| NIPL/278                                                        | Genomic Tip 500/G, DNA Isolation Kit, 10 reactions                              | Kit           | Kit       | ₹80,000.00      |
| NIPL/279                                                        | Fungal/ Bacterial DNA Solution Kit, 50 reactions                                | Kit           | Kit       | ₹26,000.00      |
| NIPL/280                                                        | HiC Kit (Arimar/ Dovetail/ Phase Genomics)                                      | Kit           | Kit       | ₹1,50,000.00    |
| NIPL/281                                                        | NANOBIND CBB BIG DNA KIT (CELLS, BACTERIA,BLOOD) - BETA VERSION- 20 EXTRACTIONS | Kit           | Kit       | ₹1,00,000.00    |
| NIPL/282                                                        | NANOBIND PLANT NUCLEI BIG DNA KIT - ALPHAVERSION - 20 EXTRACTIONS               | Kit           | Kit       | ₹1,00,000.00    |
| NIPL/283                                                        | NANOBIND TISSUE BIG DNA KIT- 20 EXTRACTIONS                                     | Kit           | Kit       | ₹1,25,000.00    |
| NIPL/284                                                        | SHORT READ ELIMINATOR KIT                                                       | Kit           | Kit       | ₹50,000.00      |
| NIPL/285                                                        | SHORT READ ELIMINATOR KIT XL                                                    | Kit           | Kit       | ₹50,000.00      |
| NIPL/287                                                        | Blood and Cell Culture DNA Isolation Kit- 10 reactions                          | Kit           | Kit       | ₹75,000.00      |

| Catalogue No | Service                                                   | Specification | Item Unit | Catalogue Price |
|--------------|-----------------------------------------------------------|---------------|-----------|-----------------|
| NIPL/288     | Animal Tissue DNA Isolation Kit - 10 reactions            | Kit           | Kit       | ₹1,50,000.00    |
| NIPL/289     | SP Blood & Cell Culture DNA Isolation Kit- 10 reactions   | Kit           | Kit       | ₹75,000.00      |
| NIPL/290     | Bone Marrow Aspirate(BMA) DNA Isolation Kit- 10 reactions | Kit           | Kit       | ₹75,000.00      |
| NIPL/291     | Plant DNA Isolation Kit - 5 reactions                     | Kit           | Kit       | ₹75,000.00      |
| NIPL/292     | DLS DNA Labeling Kit - 10 reactions                       | Kit           | Kit       | ₹1,50,000.00    |
| NIPL/293     | DLS DNA Labeling Kit - 10 reactions                       | Kit           | Kit       | ₹1,50,000.00    |
| NIPL/294     | Shoreline Rapid Prep                                      | Kit           | Kit       | ₹1,77,300.00    |
| NIPL/295     | Shoreline Wave StrainID Kit                               | Kit           | Kit       | ₹1,77,400.00    |
| NIPL/296     | Shoreline Wave V1-V9 Kit                                  | Kit           | Kit       | ₹1,77,400.00    |
| NIPL/297     | Shoreline Wave V1-V3 Kit                                  | Kit           | Kit       | ₹1,77,400.00    |
| NIPL/298     | Shoreline Wave V4 Kit                                     | Kit           | Kit       | ₹1,77,400.00    |
| NIPL/299     | Shoreline Complete StrainID Kit                           | Kit           | Kit       | ₹2,20,000.00    |
| NIPL/300     | Shoreline Complete V1-V9 Kit                              | Kit           | Kit       | ₹2,20,000.00    |
| NIPL/301     | Shoreline Complete V1-V3 Kit                              | Kit           | Kit       | ₹2,20,000.00    |

| Catalogue No                                                                                                                                                                                                                                | Service                                            | Specification | Item Unit | Catalogue Price |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------|-----------|-----------------|
| NIPL/302                                                                                                                                                                                                                                    | Shoreline Complete V4 Kit                          | Kit           | Kit       | ₹2,20,000.00    |
| NIPL/303                                                                                                                                                                                                                                    | Illumina™ DNA Library Prep Kit (6 reactions)       | Kit           | Kit       | ₹60,000.00      |
| NIPL/304                                                                                                                                                                                                                                    | Illumina™ RNA Library Prep Kit (6 reactions)       | Kit           | Kit       | ₹60,000.00      |
| NIPL/305                                                                                                                                                                                                                                    | Illumina™ Small RNA Library Prep Kit (6 reactions) | Kit           | Kit       | ₹90,000.00      |
| NIPL/306                                                                                                                                                                                                                                    | Illumina™ ChipSeq Library Prep Kit (6 reactions)   | Kit           | Kit       | ₹75,000.00      |
| <ul style="list-style-type: none"> <li>• The cost would reduce if the sample numbers are increased</li> <li>• The custom duty and import charges will be applicable</li> <li>• GST of 18% extra is applicable on the quoted rate</li> </ul> |                                                    |               |           |                 |

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