

## **NGS work order form**

1. PI name:
2. Institute (for external):
3. Samples / libraries submitted for application:
  - a) RNA-seq / transcriptome
  - b) ChIP-seq
  - c) Shot-gun metagenomics
  - d) 16S RNA sequencing
  - e) Exome sequencing
  - f) Small RNA
  - g) Others / please specific
4. Number of samples / libraries:
5. Quality status of samples / libraries:
  - a) Qubit concentration:
  - b) Fragmentation size (median length checked by tapestation or Bioanalyser):
  - c) RIN no for RNA quality:
6. Coverage / million reads required for each samples:
7. Preliminary NGS analysis requirement: Yes / No
  - a) Alignment only / mapping (BAM and SAM files)
  - b) Preliminary analysis till list of genes / SNPs / ChIP-seq peaks etc
  - c) Other requirement / please specify.
8. Approval status of funding for NGS analysis from Institute: Yes / no
9. Mode of payment: PO / Card / online transfer / bank check

PI name

Approved by head of Institute

Signature with seal

Signature with seal

**NGS service cost:**

Transcriptome /RNA-seq analysis and ChIP-seq including library preparation and quality check of libraries:

S. no.	Type of sequencing	Internal academic (Rs/sample)	External Academic (Rs/sample)	External private (Rs/sample)
1.	1 X 75bp (20 million / sample)	13,000/-	16,000/-	18,000/-
2.	2 X 75bp (20 X 2 million PE / sample)	20,000/-	23,000/-	26,000/-
3.	2 X 150bp (20 X 2 million PE / sample)	28,000/-	31,000/-	35,000/-

For other applications and queries please discuss with ILS NGS facility for costing.

Contact:

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