

|   |              |                  |                     |
|---|--------------|------------------|---------------------|
| <b>To be used for estimates only: Please fill out inquiry form at <a href="http://www.bumc.bu.edu/bnorc/core-services-overview/core-user-request-form/">http://www.bumc.bu.edu/bnorc/core-services-overview/core-user-request-form/</a> or contact: <a href="mailto:funge.core@gmail.com">funge.core@gmail.com</a> for quotes</b> |              |                  |                     |
|   |              |                  |                     |
| <b>Project consultation</b>   | <b>BNORC</b> | <b>Non-BNORC</b> | <b>Non-Academic</b> |
| Initial project set up  | \$100        | \$150            | \$200               |
| Project consultation (hourly)   | \$150        | \$200            | \$300               |
|   |              |                  |                     |
| <b>Sequencing Per Flowcell</b>  | <b>BNORC</b> | <b>Non-BNORC</b> | <b>Non-Academic</b> |
| NextSeq High 75 cycle   | \$1,987      | \$2,650          | \$3,974             |
| NextSeq High 150 cycle  | \$3,893      | \$5,175          | \$7,786             |
| NextSeq High 300 cycle  | \$5,753      | \$7,600          | \$11,507            |
|   |              |                  |                     |
|   | <b>BNORC</b> | <b>Non-BNORC</b> | <b>Non-Academic</b> |
| <b>Full Service Library Preparation - includes QC</b>   | per sample   | per sample       | per sample          |
| Crosslinking  | \$15         | \$20             | \$30                |
| Shear Check   | \$150        | \$200            | \$300               |
| Shearing  | \$52         | \$70             | \$104               |
| ChIP setup  | \$37         | \$50             | \$74                |
| ChIP antibody   | \$7          | \$10             | \$14                |
| DNA, cDNA or ChIP libraries   | \$236        | \$317            | \$472               |
|   |              |                  |                     |
| RNA preparation   | \$25         | \$33             | \$50                |
| mRNA libraries  | \$252        | \$337            | \$504               |
| Poly-A selection  | \$40         | \$53             | \$80                |
| Ribo-reduction  | \$70         | \$93             | \$140               |
| ATAC-seq  | \$200        | \$267            | \$400               |
| If submitting tissue requiring core to setup and perform FACS, charge for FACS will be \$150/hr of reserved FACS time   |              |                  |                     |
|   |              |                  |                     |
|   |              |                  |                     |

| <b>Single cell/nucleus services</b>   | <b>BNORC</b>  | <b>Non-BNORC</b>                        | <b>Non-Academic</b> |
|---|---|---|---------------------|
| <b>Drop-seq/Dronc-seq</b>   |   |   |                     |
| Droplet generation: per 2-2.5ml   | \$600   | \$800                                   | \$1,200             |
| Drop-seq Library construction: per ~750 ul run  | \$600   | \$750                                   | \$1,200             |
|   |   |   |                     |
| <b>10x single cell RNA-seq</b>  |   |   |                     |
|   | <b>BNORC*</b>   |   |                     |
| Single nucleus suspension prep (per sample)   | 1 sample  | 2-4 samples                             | 5-8 samples         |
|   | \$360   | \$320                                   | \$300               |
|   |   |   |                     |
| 10x encapsulation and library construction (per sample)   | 1 sample  | Each additional sample, up to 8 per run |                     |
|   | \$620   | \$50                                    |                     |
|   |   |   |                     |
| 10x Reagent Fee** (per sample)  | \$1,550   |   |                     |
| Bioanalyzer Quality Check   | \$20  |   |                     |
| Sequencing  | 50% of a NextSeq High output flowcell (75 or 150 cycles): see above |   |                     |
|   |   |   |                     |
| * please inquire for non-BNORC or non-academic pricing  |   |   |                     |
| **The actual reagent fees depends on how many libraries are prepped together at the same time, but these provide a rough estimate |   |   |                     |
|   |   |   |                     |
|   | <b>BNORC</b>  | <b>Non-BNORC</b>                        | <b>Non-Academic</b> |
| <b>Miscellaneous</b>  | per sample  | per sample                              | per sample          |
| BioAnalyzer Analysis (standalone)   | \$10  | \$13                                    | \$20                |
| Qubit quantification (Initial set up fee)   | \$10  | \$13.50                                 | \$20                |
| + per sample  | \$1   | \$1.35                                  | \$2                 |
| Drop-seq Library construction: per ~750 ul run  | \$600   | \$750                                   | \$1,200             |
| Tissue prep for 10x sc-RNA-seq  |   |   |                     |
| 10x sc-RNA-seq  |   |   |                     |
| Drop-seq Droplet generation: per 2-2.5ml  | \$600   | \$800                                   | \$1,200             |
|   |   |   |                     |
|   |   |   |                     |

|   | <b>BNORC</b> | <b>Non-BNORC</b> |                |
|---|--------------|------------------|----------------|
| <b>Bioinformatic Consultation (per hour)</b>  | \$100        | \$135            | \$200          |
| <b>Per flowcell (Estimates)</b>   |              |                  |                |
| Standard ChIPseq/ATACseq output<br>(QC/alignment/browser track generation)  | \$300        | \$400            | \$600          |
| + Peak calling, library normalization, counts   | \$500        | \$665            | \$1,000        |
| + Differential enrichment/GSEA  | \$800        | \$1,064          | \$1,600        |
| + Motif Enrichment  | \$100        | \$133            | \$200          |
|   |              |                  |                |
| Standard RNAseq output<br>(QC/alignment/browser track generation)   | \$300        | \$399            | \$600          |
| + Transcript determination, normalization, counts   | \$500        | \$665            | \$1,000        |
| + Differential expression/GSEA  | \$800        | \$1,064          | \$1,600        |
|   |              |                  |                |
| Single Cell RNA-seq analysis  |              |                  |                |
| Cell Ranger standard output (per sample)  | \$800        | \$1,064          | \$1,600        |
| Custom pipeline output with guided clustering, marker<br>identification, figure generation (feature, dot, violin, &<br>cluster proportion plots)* | \$1200 +     | please inquire   | please inquire |
|   |              |                  |                |
| * Estimate will vary depending on # cells/nuclei being analyzed   |              |                  |                |
|   |              |                  |                |
| Custom analysis (per hour of bioinformatician time)   | \$125        | \$165            | \$250          |
|   |              |                  |                |
| Longterm Storage/TB/month   | \$20         | \$27             | \$40           |