

The Centre for Applied Genomics - Next Generation Sequencing Facility



| Product  |                    |                      |  |
|--|--------------------|----------------------|--|
| Whole genome and exome library prep and sequencing packages                  | Unit price (CAD\$) | Sequencing Platform  | Notes  |
| Library prep plus whole genome sequencing HiSeq X - 30X                      | \$ 1,450.00        | HiSeq X              |  |
| Library prep plus whole genome sequencing HiSeq X - 60X                      | \$ 2,765.00        | HiSeq X              |  |
| Library prep plus whole genome sequencing HiSeq X - 15X                      | \$ 800.00          | HiSeq X              | Requires even number of samples                            |
| WGBS library prep and 1 lane sequencing HiSeq X                              | \$ 1,565.00        | HiSeq X              |  |
| WGBS library prep and 1.5 lanes sequencing HiSeq X                           | \$ 2,222.50        | HiSeq X              | Requires even number of samples                            |
| WGBS library prep and 2 lanes sequencing HiSeq X                             | \$ 2,880.00        | HiSeq X              |  |
| Exome library prep and sequencing (70-100X coverage)                         | \$ 675.00          | HiSeq 2500           | For >100 samples consult facility                          |
| Exome library prep and sequencing (150-200X coverage)                        | \$ 950.00          | HiSeq 2500           | For >100 samples consult facility                          |
| Library preparation services (excluding sequencing)                          | Unit price (CAD\$) | Sequencing Platform  | Notes  |
| PCR-free genomic library preparation   | \$ 135.00          | Any HiSeq or NovaSeq |  |
| Genomic or low input DNA library preparation                                 | \$ 135.00          | Any HiSeq or NovaSeq |  |
| ChIP-Seq library preparation   | \$ 135.00          | Any HiSeq or NovaSeq |  |
| Clontech SMART-Seq V4 cDNA synthesis   | \$ 165.00          | Any HiSeq or NovaSeq |  |
| Nextera DNA Flex library preparation   | \$ 135.00          | Any HiSeq or NovaSeq |  |
| Stranded poly(A) mRNA library preparation (NEBNext)                          | \$ 250.00          | Any HiSeq or NovaSeq |  |
| Stranded rRNA-depletion RNA library preparation (TruSeq)                     | \$ 300.00          | Any HiSeq or NovaSeq |  |
| Small RNA library preparation  | \$ 200.00          | Any HiSeq            | Sequenced as one of the single read 50-bases options below |
| Customer-made Library QC   | \$ 25.00           | Any HiSeq or NovaSeq | Bioanalyzer and qPCR                                       |
| Sequencing services  | Unit price (CAD\$) | Sequencing Platform  | Notes  |
| HiSeq 2500 Rapid run flowcell, Single-end sequencing, 50-bases - 1 lane      | \$ 1,270.00        | HiSeq 2500           |  |
| HiSeq 2500 Rapid run flowcell, Single-end sequencing, 100-bases - 1 lane     | \$ 1,610.00        | HiSeq 2500           |  |
| HiSeq 2500 Rapid run flowcell, Single-end sequencing, 150-bases - 1 lane     | \$ 1,810.00        | HiSeq 2500           |  |
| HiSeq 2500 High output flowcell, Single-end sequencing, 50-bases - 1 lane    | \$ 1,090.00        | HiSeq 2500           |  |
| HiSeq 2500 High output flowcell, Single-end sequencing, 100-bases - 1 lane   | \$ 1,465.00        | HiSeq 2500           |  |
| HiSeq 2500 Rapid run flowcell, Paired end sequencing, 2x50-bases - 1 lane    | \$ 1,810.00        | HiSeq 2500           |  |
| HiSeq 2500 Rapid run flowcell, Paired end sequencing, 2x100-bases - 1 lane   | \$ 2,445.00        | HiSeq 2500           |  |
| HiSeq 2500 High output flowcell, Paired end sequencing, 2x126-bases - 1 lane | \$ 2,700.00        | HiSeq 2500           |  |
| HiSeq 2500 Rapid run flowcell, Paired end sequencing, 2x150-bases - 1 lane   | \$ 3,115.00        | HiSeq 2500           |  |
| HiSeq 2500 Rapid run flowcell, Paired end sequencing, 2x250-bases - 1 lane   | \$ 4,030.00        | HiSeq 2500           |  |
| HiSeq 4000 Paired end sequencing, 2x50-bases - 1 lane                        | \$ 2,135.00        | HiSeq 4000           |  |
| HiSeq 4000 Paired end sequencing, 2x100-bases - 1 lane                       | \$ 2,745.00        | HiSeq 4000           |  |
| HiSeq 4000 Paired end sequencing, 2x150-bases - 1 lane                       | \$ 3,220.00        | HiSeq 4000           |  |
| HiSeq 4000 Single read sequencing, 50-bases lane, - 1 lane                   | \$ 1,250.00        | HiSeq 4000           |  |
| HiSeq 4000 Single read sequencing, 100-bases - 1 lane                        | \$ 1,710.00        | HiSeq 4000           |  |
| HiSeq 4000 Single read sequencing, 150-bases - 1 lane                        | \$ 2,165.00        | HiSeq 4000           |  |
| NovaSeq S1 flowcell, Single-end sequencing 100-bases - 1 lane                | \$ 4,275.00        | NovaSeq 6000         |  |
| NovaSeq S2 flowcell, Single-end sequencing 200-bases - 1 lane                | \$ 5,650.00        | NovaSeq 6000         |  |
| NovaSeq S2 flowcell, Single-end sequencing 100-bases - 1 lane                | \$ 7,500.00        | NovaSeq 6000         |  |
| NovaSeq S2 flowcell, Single-end sequencing 200-bases - 1 lane                | \$ 10,000.00       | NovaSeq 6000         |  |
| NovaSeq S1 flowcell, Paired-end sequencing 50-bases - 1 lane                 | \$ 4,275.00        | NovaSeq 6000         |  |
| NovaSeq S1 flowcell, Paired-end sequencing 100-bases - 1 lane                | \$ 5,650.00        | NovaSeq 6000         |  |
| NovaSeq S1 flowcell, Paired-end sequencing 150-bases - 1 lane                | \$ 6,450.00        | NovaSeq 6000         |  |
| NovaSeq S2 flowcell, Paired-end sequencing 50-bases - 1 lane                 | \$ 7,500.00        | NovaSeq 6000         |  |
| NovaSeq S2 flowcell, Paired-end sequencing 100-bases - 1 lane                | \$ 10,000.00       | NovaSeq 6000         |  |
| NovaSeq S2 flowcell, Paired-end sequencing 150-bases - 1 lane                | \$ 11,500.00       | NovaSeq 6000         |  |
| NovaSeq S4 flowcell, Paired-end sequencing 150-bases - 1 lane                | \$ 10,410.00       | NovaSeq 6000         |  |
| 10X Genomics long linked reads   | Unit price (CAD\$) | Sequencing Platform  | Notes  |
| 10X Genomics library preparation - 1 sample                                  | \$ 1,500.00        |                      |  |
| 10X Genomics library preparation - 2 to 4 samples; price / sample            | \$ 700.00          |                      |  |
| 10X Genomics library preparation - 5 to 8 samples; price / sample            | \$ 575.00          |                      |  |
| Sequencing - check any prices for HiSeq platforms                            | See sequencing.    | Any HiSeq or NovaSeq | e.g. WGS for minimum of 15X can go on HiSeq X              |
| 10X Genomics Single cell library preparation                                 | Unit price (CAD\$) | Sequencing Platform  | Notes  |
| 10X Genomics Single Cell 3' RNA library preparation - 1 cell suspension      | \$ 2,900.00        | HiSeq 2500           | TCAG doesn't prepare cell suspension                       |
| 10X Genomics Single Cell 3' RNA library preparation - 2-4 cell suspensions   | \$ 2,100.00        | HiSeq 2500           | TCAG doesn't prepare cell suspension                       |
| 10X Genomics Single Cell 3' RNA library preparation - 5-8 cell suspensions   | \$ 2,000.00        | HiSeq 2500           | TCAG doesn't prepare cell suspension                       |
| <b>one of the above plus one of sequencing options below</b>                 |                    |                      |  |
| 3' 10X Genomics RNA-Seq, 26x8x100 (Rapid Run)                                | \$ 1,810.00        | HiSeq 2500           |  |
| 3' 10X Genomics RNA-Seq, 26x8x100 (V4 chemistry)                             | \$ 1,835.00        | HiSeq 2500           |  |
| PacBio Sequel library prep and sequencing                                    | Unit price (CAD\$) | Sequencing Platform  | Notes  |
| PacBio genomic library preparation labour (up to 4 sample prep per time)     | \$ 525.00          |                      | One unit charged for up to 4 library prep done at once     |
| PacBio Sequel genomic library preparation consumables                        | \$ 310.00          | PacBio Sequel        |  |
| <b>Both the above plus one of sequencing options below</b>                   |                    |                      |  |
| PacBio Sequel SMRT sequencing - set of 8 cells                               | \$ 9,000.00        | PacBio Sequel        |  |
| PacBio Sequel SMRT sequencing - set of 4 cells                               | \$ 4,500.00        | PacBio Sequel        |  |
| Other services   | Unit price (CAD\$) | Sequencing Platform  | Notes  |
| Bioanalyzer / TapeStation - DNA  | \$ 15.00           |                      |  |
| Bioanalyzer - RNA  | \$ 10.00           |                      |  |
| Nanodrop quantification  | \$ 2.50            |                      |  |
| Qubit Quantification   | \$ 2.50            |                      |  |
| Covaris shearing   | \$ 17.00           |                      |  |
| Covaris shearing with tubes provided by customer                             | \$ 10.00           |                      |  |
| Covaris shearing and sample volume adjustment                                | \$ 20.00           |                      |  |
| Blue Pippin size selection (8 Kb and above)                                  | \$ 115.00          |                      | Price per gel with up to 4 samples for same size range     |
| AmPure bead purification (Bioanalyzer not included)                          | \$ 25.00           |                      |  |

Last updated: November 2018.

Prices are in Canadian dollars, tax-exempt and subject to changes at any time.