

**Service Center Billing Rates**  
**FY2023**  
**Genomics and Bioinformatics Resources Core**  
**150031**

| Service               | Description   | Unit              | Internal Rate | External Rate |
|-----------------------|---|-------------------|---------------|---------------|
| Fragment Analyzer     | AATI Fragment Analyzer, NGS                               | 1well             | \$14.00       | \$24.00       |
| Fragment Analyzer     | AATI Fragment Analyzer, NGS                               | 11wells           | \$109.00      | \$182.00      |
| Fragment Analyzer     | AATI Fragment Analyzer, gDNA20k                           | 1well             | \$14.00       | \$24.00       |
| Fragment Analyzer     | AATI Fragment Analyzer, gDNA20k                           | 11wells           | \$109.00      | \$182.00      |
| Fragment Analyzer     | AATI Fragment Analyzer, gDNA50k                           | 1well             | \$14.00       | \$24.00       |
| Fragment Analyzer     | AATI Fragment Analyzer, gDNA50k                           | 11wells           | \$110.00      | \$183.00      |
| Fragment Analyzer     | AATI Fragment Analyzer, RNA                               | 1well             | \$14.00       | \$24.00       |
| Fragment Analyzer     | AATI Fragment Analyzer, RNA                               | 11wells           | \$109.00      | \$182.00      |
| Fluorometry           | Qubit, DNA Quantification (Broad Range)                   | 1 sample          | \$4.00        | \$7.00        |
| Fluorometry           | Qubit, DNA Quantification (High Sensitivity)              | 1 sample          | \$4.00        | \$7.00        |
| Fluorometry           | Qubit, RNA Quantification (Broad Range)                   | 1 sample          | \$4.00        | \$7.00        |
| Fluorometry           | Turner DNA Fluorometry, per sample                        | 1 sample          | \$10.00       | \$17.00       |
| Fluorometry           | TurnerRNA Fluorometry, per sample                         | 1 sample          | \$10.00       | \$17.00       |
| Fluorometry           | DNA Fluorometry plate (91 samples)                        | 1 plate           | \$110.00      | \$183.00      |
| Fluorometry           | RNA Fluorometry plate (91 samples)                        | 1 plate           | \$111.00      | \$185.00      |
| Sample Preparation    | Ribo-minus ribosomal RNA depletion                        | 1 sample          | \$164.00      | \$273.00      |
| Sample Preparation    | Ribo-zero ribosomal RNA depletion                         | 1 sample          | \$194.00      | \$323.00      |
| Sample Preparation    | Manual ds-cDNA production                                 | 1 sample          | \$166.00      | \$277.00      |
| Sample Preparation    | DNase of RNA  | 1 sample          | \$42.00       | \$70.00       |
| Sample Preparation    | Covaris Shearing, Snap-Caps Sonication, 130uL             | 1tube             | \$17.00       | \$29.00       |
| Sample Preparation    | Covaris Shearing, Screw-Caps Sonication, 50uL             | 1tube             | \$31.00       | \$52.00       |
| Sample Preparation    | Covaris Shearing, g-TUBE                                  | 1tube             | \$75.00       | \$125.00      |
| Sample Preparation    | Ampure Bead Size Selection                                | 1 sample          | \$19.00       | \$32.00       |
| Sample Preparation    | Gel-Cut Size Selection                                    | 1 sample          | \$74.00       | \$124.00      |
| Sample Preparation    | Pippin Prep Size Selection                                | 1 sample          | \$114.00      | \$190.00      |
| Sample Preparation    | LightBench size-selection                                 | 1 lane            | \$107.00      | \$178.00      |
| Sample Preparation    | LightBench size-selection                                 | 2 lanes           | \$123.00      | \$205.00      |
| Sample Preparation    | LightBench size-selection                                 | 3 lanes           | \$140.00      | \$233.00      |
| Sample Preparation    | LightBench size-selection                                 | 4 lanes           | \$156.00      | \$260.00      |
| Sample Preparation    | LightBench size-selection                                 | 5 lanes           | \$177.00      | \$295.00      |
| Sample Preparation    | LightBench size-selection                                 | 6 lanes           | \$193.00      | \$321.00      |
| Sample Preparation    | LightBench size-selection                                 | 7 lanes           | \$211.00      | \$351.00      |
| Sample Preparation    | LightBench size-selection                                 | 8 lanes           | \$227.00      | \$378.00      |
| Fluidigm              | Fluidigm Chip, 48samples, SinglePlex (48primer-pairs)     | 1 48.48 Fluidigm  | \$993.00      | \$1,652.00    |
| Fluidigm              | Fluidigm Chip, 48samples, Multiplex (more than 48primers) | 1 48.48 Fluidigm  | \$1,328.00    | \$2,209.00    |
| Fluidigm              | Fluidigm Sample Pooling, required if doing fluidigm       | Multiple Fluidigm | \$391.00      | \$651.00      |
| Fluidigm              | Fluidigm Chip, 192samples, Single or Multiplex (24-24)    | 1 48.48 Fluidigm  | \$2,177.00    | \$3,621.00    |
| Fluidigm              | 192.24 Juno Post-Harvest Processing                       | 1-9999 192.24     | \$714.00      | \$1,188.00    |
| Illumina Library Prep | Apollo Illumina DNA Library Prep, 4 insert sizes (220, 1  | 1 sample          | \$235.00      | \$391.00      |
| Illumina Library Prep | Apollo Illumina Stranded RNA Library Prep, 1 insert si    | 1 sample          | \$382.00      | \$636.00      |
| Illumina Library Prep | Apollo Illumina CHIP-seq Library Prep (custom insert s    | 1 sample          | \$282.00      | \$469.00      |
| Illumina Library Prep | Apollo Illumina smRNA Library Prep                        | 1 sample          | \$463.00      | \$770.00      |
| Illumina Library Prep | Kapa Illumina Library Amplification                       | 1 sample          | \$29.00       | \$49.00       |
| Illumina Library Prep | Kapa qPCR of Illumina Libraries                           | 1 sample          | \$49.00       | \$82.00       |
| Illumina Library Prep | Pooling previously quantified/amplicons                   | 1 96well plate    | \$27.00       | \$45.00       |
| Illumina Library Prep | Pooling previously qPCRquantified libraries               | 1 library pooli   | \$191.00      | \$318.00      |
| Illumina Library Prep | Manual Mate-Pair Library Prep                             | 1 sample          | \$529.00      | \$880.00      |
| Illumina Library Prep | Manual PCR-Free Library Prep                              | 1 sample          | \$221.00      | \$368.00      |
| Illumina Library Prep | NREL/Chou PCR-free libraries (DAP-Seq)                    | 1 library         | \$891.00      | \$1,482.00    |
| Illumina Library Prep | NREL/Chou PCR-free libraries (DAP-Seq)                    | 2 libraries       | \$998.00      | \$1,660.00    |

|                                     |  |                 |             |             |
|-------------------------------------|--|-----------------|-------------|-------------|
| Illumina Library Prep               | NREL/Chou PCR-free libraries (DAP-Seq)   | 3 libraries     | \$1,106.00  | \$1,840.00  |
| Illumina Library Prep               | NREL/Chou PCR-free libraries (DAP-Seq)   | 4 libraries     | \$1,213.00  | \$2,018.00  |
| Illumina Library Prep               | NREL/Chou PCR-free libraries (DAP-Seq)   | 5 libraries     | \$1,322.00  | \$2,199.00  |
| Illumina Library Prep               | NREL/Chou PCR-free libraries (DAP-Seq)   | 6 libraries     | \$1,429.00  | \$2,377.00  |
| Illumina Library Prep               | 1 Affordable Shotgun Libraries           | 1 samples       | \$364.00    | \$606.00    |
| Illumina Library Prep               | 8 Affordable Shotgun Libraries           | 8 samples       | \$688.00    | \$1,145.00  |
| Illumina Library Prep               | 16 Affordable Shotgun Libraries          | 16 samples      | \$907.00    | \$1,509.00  |
| Illumina Library Prep               | 48 Affordable Shotgun Libraries          | 48 samples      | \$1,864.00  | \$3,100.00  |
| Illumina Library Prep               | Stranded RNA Libraries by Hand           |                 | \$316.00    | \$526.00    |
| Illumina Library Prep               | 32x RNA libraries, NuGen bacterial       | 32 libraries    | \$7,267.00  | \$12,086.00 |
| Illumina Library Prep               | 64x RNA libraries, NuGen bacterial       | 64 libraries    | \$13,161.00 | \$21,887.00 |
| Illumina Library Prep               | 96x RNA libraries, NuGen bacterial       | 96 libraries    | \$19,053.00 | \$31,686.00 |
| Illumina Library Prep               | 24samples on NuGen Allegro Capture Kit   | 24 samples      | \$1,005.00  | \$1,672.00  |
| Illumina Library Prep               | 48samples on NuGen Allegro Capture Kit   | 48 samples      | \$1,449.00  | \$2,410.00  |
| Illumina Library Prep               | 72samples on NuGen Allegro Capture Kit   | 72 samples      | \$1,914.00  | \$3,183.00  |
| Illumina Library Prep               | 96samples on NuGen Allegro Capture Kit   | 96 samples      | \$2,380.00  | \$3,958.00  |
| Illumina Library Prep               | Lexogen QuantSeq Libraries               | 1 library       | \$878.00    | \$1,461.00  |
| Illumina Library Prep               | Lexogen QuantSeq Libraries               | 2 libraries     | \$928.00    | \$1,544.00  |
| Illumina Library Prep               | Lexogen QuantSeq Libraries               | 3 libraries     | \$976.00    | \$1,624.00  |
| Illumina Library Prep               | Lexogen QuantSeq Libraries               | 4 libraries     | \$1,025.00  | \$1,705.00  |
| Illumina Library Prep               | Lexogen QuantSeq Libraries               | 5 libraries     | \$1,073.00  | \$1,785.00  |
| Illumina Library Prep               | Lexogen QuantSeq Libraries               | 6 libraries     | \$1,122.00  | \$1,866.00  |
| Illumina Library Prep               | Lexogen QuantSeq Libraries               | 7 libraries     | \$1,172.00  | \$1,950.00  |
| Illumina Library Prep               | Lexogen QuantSeq Libraries               | 8 libraries     | \$1,220.00  | \$2,029.00  |
| Illumina Library Prep               | Lexogen QuantSeq Libraries               | 9 libraries     | \$1,314.00  | \$2,186.00  |
| Illumina Library Prep               | Lexogen QuantSeq Libraries               | 18 libraries    | \$1,797.00  | \$2,989.00  |
| Illumina Library Prep               | Lexogen QuantSeq Libraries               | 36 libraries    | \$2,718.00  | \$4,521.00  |
| Illumina Library Prep               | Lexogen QuantSeq Libraries               | 45 libraries    | \$3,202.00  | \$5,325.00  |
| Illumina Library Prep               | Lexogen QuantSeq Libraries               | 48 libraries    | \$3,393.00  | \$5,643.00  |
| Illumina Library Prep               | Lexogen QuantSeq Libraries               | 9-17 libraries, | \$128.00    | \$213.00    |
| Illumina Library Prep               | Lexogen QuantSeq Libraries               | 18-35 libraries | \$87.56     | \$146.00    |
| Illumina Library Prep               | Lexogen QuantSeq Libraries               | 36-47 libraries | \$66.25     | \$111.00    |
| Illumina Library Prep               | Lexogen QuantSeq Libraries               | 48+libraries, e | \$62.02     | \$104.00    |
| DNA Isolation                       | Test HMW DNA Isolation                   | 1 sample        | \$432.00    | \$719.00    |
| DNA Isolation                       | Test HMW DNA Isolation                   | 2 samples       | \$531.00    | \$884.00    |
| DNA Isolation                       | Test HMW DNA Isolation                   | 3 samples       | \$630.00    | \$1,048.00  |
| DNA Isolation                       | Test HMW DNA Isolation                   | 4 samples       | \$729.00    | \$1,213.00  |
| PacBio (Illumina) Sequel-II Sample  | PacBio, Test-Shear, g-TUBE               | 1 test (3sizes) | \$257.00    | \$428.00    |
| PacBio (Illumina) Sequel-II Sample  | PacBio, Test-Shear, needle               | 1 test (3sizes) | \$0.00      | \$0.00      |
| PacBio (Illumina) Sequel-II Sample  | PacBio, LightBench 16ug size-selection   | 1 cassette      | \$338.00    | \$563.00    |
| PacBio (Illumina) Sequel-II Sample  | Long PCR                                 | 1rxn            | \$146.00    | \$243.00    |
| PacBio (Illumina) Sequel-II Sample  | Long PCR                                 | 2rxns           | \$169.00    | \$282.00    |
| PacBio (Illumina) Sequel-II Sample  | Long PCR                                 | 3rxns           | \$186.00    | \$310.00    |
| PacBio (Illumina) Sequel-II Sample  | Long PCR                                 | 4rxns           | \$206.00    | \$343.00    |
| PacBio (Illumina) Sequel-II Sample  | Long PCR                                 | 5rxns           | \$227.00    | \$378.00    |
| PacBio (Illumina) Sequel-II Sample  | Long PCR                                 | 6rxns           | \$247.00    | \$411.00    |
| PacBio (Illumina) Sequel-II Sample  | Long PCR                                 | 7rxns           | \$267.00    | \$445.00    |
| PacBio (Illumina) Sequel-II Sample  | Long PCR                                 | 8rxns           | \$287.00    | \$478.00    |
| PacBio (Illumina) Sequel-II Sample  | Long PCR                                 | 9rxns           | \$307.00    | \$511.00    |
| PacBio (Illumina) Sequel-II Sample  | Long PCR                                 | 10rxns          | \$328.00    | \$546.00    |
| PacBio (Illumina) Sequel-II Sample  | Long PCR                                 | 11rxns          | \$335.00    | \$558.00    |
| PacBio (Illumina) Sequel-II Library | F 1x CLR Library using Express V2.0 kit  | 1 library       | \$921.00    | \$1,532.00  |
| PacBio (Illumina) Sequel-II Library | F 2x CLR Library using Express V2.0 kit  | 2 libraries     | \$1,330.00  | \$2,212.00  |
| PacBio (Illumina) Sequel-II Library | F 3x CLR Library using Express V2.0 kit  | 3 libraries     | \$1,739.00  | \$2,892.00  |
| PacBio (Illumina) Sequel-II Library | F 4x CLR Library using Express V2.0 kit  | 4 libraries     | \$2,148.00  | \$3,573.00  |
| PacBio (Illumina) Sequel-II Library | F 1x HiFi Library using Express V2.0 kit | 1 library       | \$1,132.00  | \$1,883.00  |
| PacBio (Illumina) Sequel-II Library | F 2x HiFi Library using Express V2.0 kit | 2 libraries     | \$1,683.00  | \$2,799.00  |
| PacBio (Illumina) Sequel-II Library | F 3x HiFi Library using Express V2.0 kit | 3 libraries     | \$2,235.00  | \$3,717.00  |

|   |  |                |             |            |
|---|--|----------------|-------------|------------|
| PacBio (Illumina) Sequel-II Library F4x HiFi Library using Express V2.0 kit                 | 4 libraries  | \$2,787.00     | \$4,635.00  |            |
| PacBio (Illumina) Sequel-II Library F 1x HiFi Amplicon-Library using Express V2.0 kit       | 1 library  | \$804.00       | \$1,338.00  |            |
| PacBio (Illumina) Sequel-II Library F2x HiFi Amplicon-Library using Express V2.0 kit        | 2 libraries  | \$1,144.00     | \$1,903.00  |            |
| PacBio (Illumina) Sequel-II Library F3x HiFi Amplicon-Library using Express V2.0 kit        | 3 libraries  | \$1,485.00     | \$2,470.00  |            |
| PacBio (Illumina) Sequel-II Library F4x HiFi Amplicon-Library using Express V2.0 kit        | 4 libraries  | \$1,825.00     | \$3,035.00  |            |
| PacBio (Illumina) Sequel-II Library F5x HiFi Amplicon-Library using Express V2.0 kit        | 5 libraries  | \$2,165.00     | \$3,601.00  |            |
| PacBio (Illumina) Sequel-II Library F 1x RNA-to-amplified-cDNA reaction, (for Iso-Seq)      | 1 conversion   | \$430.00       | \$716.00    |            |
| PacBio (Illumina) Sequel-II Library F2x RNA-to-amplified-cDNA reactions, (for Iso-Seq)      | 2 conversions  | \$867.00       | \$1,442.00  |            |
| PacBio (Illumina) Sequel-II Library F3x RNA-to-amplified-cDNA reactions, (for Iso-Seq)      | 3 conversions  | \$1,133.00     | \$1,885.00  |            |
| PacBio (Illumina) Sequel-II Library F4x RNA-to-amplified-cDNA reactions, (for Iso-Seq)      | 4 conversions  | \$1,399.00     | \$2,327.00  |            |
| PacBio (Illumina) Sequel-II Library F5x RNA-to-amplified-cDNA reactions, (for Iso-Seq)      | 5 conversions  | \$1,664.00     | \$2,768.00  |            |
| PacBio (Illumina) Sequel-II Library F 1x Iso-Seq Library using Express v2.0 kit             | 1 library  | \$696.00       | \$1,158.00  |            |
| PacBio (Illumina) Sequel-II Library F2x Iso-Seq Libraries using Express v2.0 kit            | 2 libraries  | \$1,058.00     | \$1,760.00  |            |
| PacBio (Illumina) Sequel-II Library F3x Iso-Seq Libraries using Express v2.0 kit            | 3 libraries  | \$1,420.00     | \$2,362.00  |            |
| PacBio (Illumina) Sequel-II Library F4x Iso-Seq Libraries using Express v2.0 kit            | 4 libraries  | \$1,782.00     | \$2,964.00  |            |
| PacBio (Illumina) Sequel-II External 1x Client-Provided HiFi or CLR Library, prep for seque | 1 library  | \$87.00        | \$145.00    |            |
| PacBio (Illumina) Sequel-II External 2x Client-Provided HiFi or CLR Library, prep for seque | 2 libraries  | \$117.00       | \$195.00    |            |
| PacBio (Illumina) Sequel-II External 3x Client-Provided HiFi or CLR Library, prep for seque | 3 libraries  | \$146.00       | \$243.00    |            |
| PacBio (Illumina) Sequel-II External 4x Client-Provided HiFi or CLR Library, prep for seque | 4 libraries  | \$176.00       | \$293.00    |            |
| PacBio (Illumina) Sequel-II Sequenc 1x 8M SMRTcell  | 1 SMRTcell   | \$2,481.00     | \$4,126.00  |            |
| PacBio (Illumina) Sequel-II Sequenc 2x 8M SMRTcell  | 2 SMRTcells  | \$3,824.00     | \$6,360.00  |            |
| PacBio (Illumina) Sequel-II Sequenc 3x 8M SMRTcell  | 3 SMRTcells  | \$5,168.00     | \$8,595.00  |            |
| PacBio (Illumina) Sequel-II Sequenc 4x 8M SMRTcell  | 4 SMRTcells  | \$6,511.00     | \$10,828.00 |            |
| PacBio (Illumina) Sequel-II CCS Prc 1 attempt (default parameters unless otherwise specifi  | 1 attempts   | \$116.00       | \$193.00    |            |
| MiSeq Run   | MiSeq Sequencing, v3, 600 cycles                                     | 1 Run          | \$3,093.00  | \$5,144.00 |
| MiSeq Run   | MiSeq Sequencing, v3, 150 cycles                                     | 1 Run          | \$2,000.00  | \$3,326.00 |
| MiSeq Run   | MiSeq Sequencing, v2, 500 cycles                                     | 1 Run          | \$2,469.00  | \$4,106.00 |
| MiSeq Run   | MiSeq Sequencing, v2, 300 cycles                                     | 1 Run          | \$2,246.00  | \$3,736.00 |
| MiSeq Run   | MiSeq Sequencing, v2, 50 cycles                                      | 1 Run          | \$1,843.00  | \$3,065.00 |
| MiSeq Run   | MiSeq Sequencing, v2 Micro, 300 cycles                               | 1 Run          | \$1,185.00  | \$1,971.00 |
| MiSeq Run   | MiSeq Sequencing, v2 Nano, 500 cycles                                | 1 Run          | \$1,030.00  | \$1,713.00 |
| MiSeq Run   | MiSeq Sequencing, v2 Nano, 300 cycles                                | 1 Run          | \$931.00    | \$1,549.00 |
| Shipping of Samples to outside facil  | Shipping of Samples to outside facilities                            | Samples        | \$224.00    | \$373.00   |
| Shipping of Samples to outside facil  | Shipping of Samples to outside facilities                            | 1 shipping eve | \$64.00     | \$107.00   |
| Consumables   | Plate of Amplicon Primer/Illumina Double Barcode Ad: 1 plate, 48 pri |                | \$45.00     | \$75.00    |
| Consumables   | 24 RTY NexteraDNA/XT-compatible primers, 100uL/w 24well plate        |                | \$334.00    | \$556.00   |
| Consumables   | 48 RTY NexteraDNA/XT-compatible primers, 100uL/w 48well plate        |                | \$662.00    | \$1,101.00 |
| Consumables   | 72 RTY NexteraDNA/XT-compatible primers, 100uL/w 72well plate        |                | \$912.00    | \$1,517.00 |
| Consumables   | 96 RTY NexteraDNA/XT-compatible primers, 100uL/w 96well plate        |                | \$1,201.00  | \$1,998.00 |
| Consumables   | MagBio Beads, by 1mL   | 1mL            | \$11.00     | \$19.00    |
| Hourly Services   | Bioinformatics (Custom)  | 1 hour         | \$85.00     | \$142.00   |
| Hourly Services   | Consulting (meeting with clients)                                    | 1 hour         | \$59.00     | \$99.00    |
| Hourly Services   | Preliminary Project Meeting (Free)                                   | 1 hour         | \$0.00      | \$0.00     |
| Hourly Services   | Custom Lab Protocols   | 1 hour         | \$58.00     | \$97.00    |
| Hourly Services   | Training Fee   | 1 Training     | \$58.00     | \$97.00    |
| Hourly Services   | Bioinformatics, Amplicon Processing                                  |                | \$462.00    | \$769.00   |
| Consumables   | Rainin LTS P10-20 Filtered Tips (960/unit)                           | 1 pack         | \$68.00     | \$114.00   |
| Consumables   | Rainin Filtered LTS P200 filtered tips (960/unit)                    | 1 pack         | \$68.00     | \$114.00   |
| Consumables   | Rainin Filtered LTS P1000 Filtered tips (768/unit)                   | 1 pack         | \$68.00     | \$114.00   |
| Consumables   | KingFisher 96well Tip-Comb, Fisher# 4388487                          | 1 pack         | \$8.00      | \$14.00    |
| Consumables   | KingFisher 96well Deep Plates, 4388476                               | 1 pack         | \$10.00     | \$17.00    |
| Consumables   | KingFisher 96well Standard Plates, 4388475                           | 1 pack         | \$5.00      | \$9.00     |
| Consumables   | Custom Sequencing Primer for 2step PCR on Illumina                   | 1 aliquot      | \$13.00     | \$22.00    |
| Consumables   | BigDye (1uL)   | 1uL            | \$1.00      | \$2.00     |

Approver's Signatures

Date



Digitally signed by Heather Clark  
DN: cn=Heather Clark, o=Regents of the University of Idaho,  
ou=Office of Sponsored Programs,  
email=heatherclark@uidaho.edu, c=US  
Date: 2023.03.16 12:37:29 -0700

3/16/2023

Heather Clark, Assistant Director of Sponsored Accounting



3/27/23

Amanda Bauer, University Controller