

| 2018-2019 Estimated Sequencing Costs | | | | |
|---------------------------------------------------|---------------------------------------------------------------------|-------------------------|-----------------------------|-----------------------------------------------------------|
| PER SAMPLE COST | Library Prep | Academic Pricing | Non-academic Pricing | NOTE: Standard Protocols** |
| | mRNA | \$227 | \$378 | TruSeq mRNA prep kit |
| | Total RNA | \$316 | \$526 | NuGen Universal / Takara Pico V2 |
| | Low input/FFPE RNA | \$376 | \$626 | NuGen Trio / SoLo kit / Qiagen UPX |
| | small RNA | \$316 | \$526 | NEB Next / BIOO small RNA prep kit |
| | Exome (Human) | \$432 | \$720 | Agilent QXT Exome kit |
| | Exome (Mouse) | \$661 | \$1,102 | Agilent Mouse Exome Kit |
| | DNA (1-48) | \$126 | \$210 | Illumina Nextera Flex Kit |
| | DNA (49-96) | \$101 | \$168 | |
| | ChIPSeq | \$172 | \$286 | NuGen UltraLow Kit |
| | Amplicon library Prep (1-48) | \$44 | \$74 | per primer pair / sample |
| | Amplicon library Prep (48-96) | \$38 | \$64 | |
| | Single Cell 3' RNA-Seq Library Prep | Please Contact | Please Contact | 10X Genomics |
| | Single Cell VDJ + 5' RNA-Seq Library Prep | Please Contact | Please Contact | 10X Genomics |
| | Linked Read Genome/Exome Library Prep | Please Contact | Please Contact | 10X Genomics |
| | Well-based Single Cell Sequencing | Please Contact | Please Contact | Insufficient cell number for 10X Genomics , fixed cells |
| **Please inquire for custom library prep projects | | | | |
| | Sequencing* | NextSeq500 | | for IlluminaNextSeq 500 |
| | mRNA (PE) | \$127 | \$254 | coverage ~10M PE/sample @ 12 samples/mid output150 array |
| | Total RNA | \$209 | \$417 | coverage ~25M PE/sample @ 16 samples/high output150 array |
| | Low input/FFPE Total RNA (PE) | \$417 | \$835 | coverage ~50M PE/sample @ 8 samples/high output150 array |
| | small RNA (SE) | \$95 | \$189 | coverage ~20M SE/sample @ 20 samples/high output75 array |
| | Exome (Human) PE | \$417 | \$835 | coverage ~50M PE/sample @ 8 samples/high output150 array |
| | Exome (Mouse) PE | \$371 | \$742 | coverage ~50M PE/sample @ 9 samples/high output150 array |
| | DNA (PE) | \$92 | \$184 | coverage ~5M PE/sample @ 24 samples/mid output300 array |
| | ChIPSeq (SE) | \$95 | \$189 | coverage ~20M SE/sample @ 20 samples/high output75 array |
| | Total= Library+Seq/sample* | | | |
| | mRNA (PE) | \$354 | \$632 | |
| | Total RNA | \$524 | \$943 | |
| | Low input/FFPE Total RNA (PE) | \$793 | \$1,461 | |
| | small RNA (SE) | \$410 | \$715 | |
| | Exome (Human) PE | \$849 | \$1,555 | |
| | Exome (Mouse) PE | \$1,032 | \$1,844 | |
| | DNA (PE) | \$218 | \$394 | |
| | ChIPSeq (SE) | \$266 | \$475 | |
| | Sequencing Service Charge | Academic Pricing | Non-academic Pricing | |
| NextSeq 500 | Mid Output (130M reads) | | | |
| | 75 PE / 150 Cycles | \$1,523 | \$2,284 | |
| | 150 PE / 300 Cycles | \$2,205 | \$3,308 | |
| | High Output (400M reads) | | | |
| | 75 Cycles | \$1,890 | \$2,835 | |
| | 75 PE /150 Cycles | \$3,339 | \$5,009 | |
| | 150 PE / 300 Cycles | \$5,145 | \$7,718 | |
| MiSeq | Nano Output (1M reads) | | | |
| | 150 PE /300 Cycles | \$509 | \$764 | |
| | 250 PE / 500 Cycles | \$572 | \$859 | |
| | Micro Output (4M reads) | | | |
| | 150 PE / 300 Cycles | \$667 | \$1,001 | |
| | Mid Output (15M reads) | | | |
| | 25 PE / 50 Cycles | \$1,145 | \$1,717 | |
| | 150 PE / 300 Cycles | \$1,433 | \$2,150 | |
| | 250 PE / 500 Cycles | \$1,565 | \$2,347 | |
| | High Output (25M reads) | | | |
| | 75 PE /150 Cycles | \$1,229 | \$1,843 | |
| | 300 PE / 600 Cycles | \$1,943 | \$2,914 | |
| N.A. Isolation, QC & Pooling | | Academic Pricing | Non-academic Pricing | |
| | DNA Extraction + QC / Sample | \$24 | \$40 | |
| | RNA Extraction + DNase + QC /Sample | \$60 | \$100 | |
| | Agilent Bioanalyzer / Chip | \$105 | \$135 | |
| | TapeStation DNA/RNA /sample (1-15 samples) | \$9 | \$13 | |
| | TapeStation DNA/RNA /sample (16-96 samples) | \$8 | \$12 | |
| | TapeStation HS DNA/RNA/genomic DNA /sample (1-15 samples) | \$10 | \$14 | |
| | TapeStation HS DNA/RNA/genomic DNA /sample (16-96 samples) | \$9 | \$13 | |
| | Qubit / Sample | \$4 | \$5 | |
| | Amplicon library normalization & pooling (1-48 samples) per sample | \$2.50 | \$4 | |
| | Amplicon library normalization & pooling (48-96 samples) per sample | \$2 | \$3 | |
| Bioinformatics*** | | Academic Pricing | Non-academic Pricing | |
| | Basic RNAseq Analysis (Alignment+Mapping+DE) | \$60 | \$120 | |
| ***Please inquire for custom analysis | | | | |
| QIAcube Isolation | | Academic Pricing | Non-academic Pricing | |
| | Automatic extraction (all reagents and consumables included) | | | |
| | DNeasy PowerSoil Kit/sample (12-96 samples) | \$15 | \$20 | |
| | miRNeasy Mini/Micro Kit/sample (12-96 samples) | \$18 | \$24 | |

Above estimated costs are are subject to change