

## UCLA Technology Center for Genomics & Bioinformatics Rates

Effective on March 15, 2020

### Illumina & Oxford Nanopore Sequencing

Product/Service Description	Breakeven Internal Rate	External Rate
MiSeq SBS Sequencing v2 PE 2x150 (Standard Flow Cell)	\$ 1,533.43	\$ 2,116.13
MiSeq SBS Sequencing v2 PE 2x250 (Standard Flow Cell)	\$ 1,692.58	\$ 2,335.76
MiSeq SBS Sequencing v3 PE 2x75 (Standard Flow Cell)	\$ 1,389.68	\$ 1,917.76
MiSeq SBS Sequencing v3 PE 2x300 (Standard Flow Cell)	\$ 2,220.66	\$ 3,064.52
NextSeq 500 SBS Sequencing v2 PE 2x75 High Output	\$ 3,876.10	\$ 5,349.02
NextSeq 500 SBS Sequencing v2 PE 2x75 Mid Output	\$ 1,505.86	\$ 2,078.09
NextSeq 500 SBS Sequencing v2 SR 1x75 High Output	\$ 2,099.66	\$ 2,897.53
NextSeq 500 SBS Sequencing v2 PE 2x150 High Output	\$ 6,006.33	\$ 8,288.74
NextSeq 500 SBS Sequencing v2 PE 2x150 Mid Output	\$ 2,331.75	\$ 3,217.82
HiSeq 3000 SBS Sequencing PE 2x150 (Per Lane)	\$ 2,860.57	\$ 3,947.58
HiSeq 3000 SBS Sequencing SR 1x50 (Per Lane)	\$ 1,426.82	\$ 1,969.02
NovaSeq 6000 SP Reagent Kit (100 cycles)	\$ 1,709.76	\$ 2,359.47
NovaSeq 6000 SP Reagent Kit (300 cycles)	\$ 2,490.64	\$ 3,437.09
NovaSeq 6000 SP Reagent Kit (500 cycles)	\$ 3,295.92	\$ 4,548.37
NovaSeq 6000 S1 Reagent Kit (100 cycles)	\$ 2,612.65	\$ 3,605.46
NovaSeq 6000 S1 Reagent Kit (200 cycles)	\$ 3,295.92	\$ 4,548.37
NovaSeq 6000 S1 Reagent Kit (300 cycles)	\$ 3,832.78	\$ 5,289.23
NovaSeq 6000 S2 PE 2x50 (Per Lane)	\$ 6,093.41	\$ 8,408.91
NovaSeq 6000 S2 PE 2x100 (Per Lane)	\$ 7,826.67	\$10,800.80
NovaSeq 6000 S2 PE 2x150 (Per Lane)	\$ 8,910.50	\$12,296.49
NovaSeq 6000 S4 PE 2x150 (Per Lane)	\$ 6,643.07	\$ 9,167.44
NovaSeq 6000 S4 PE 2x100 (per lane)	\$ 5,113.90	\$ 7,057.18
Oxford Nanopore sequencing (per sample)	\$ 1,165.81	\$ 1,608.81
<b>NGS Library Construction &amp; Data analysis</b>		
Library Prep, DNA	\$ 169.15	\$ 233.43
Library Prep, Methy	\$ 222.48	\$ 307.02
Library Prep, RNA	\$ 182.04	\$ 251.21
Low Input/Degraded DNA	\$ 197.87	\$ 273.06
Low Input/Degraded RNA	\$ 213.72	\$ 294.94
Whole Exome Sequencing Library Prep with NimbleGen Seqcap Kit	\$ 294.86	\$ 406.90
Whole Exome Sequencing with Agilent SureSelect Capture Kit (Min. 8x Samples)	\$ 301.70	\$ 416.35
Whole Exome Sequencing with TruSeq Exome Library Prep Kit (Min. 6x Samples)	\$ 260.46	\$ 359.44
Whole Exome Sequencing Library Prep with NimbleGen Seqcap Kit (Mouse)	\$ 297.38	\$ 410.38
Small RNA Library Prep	\$ 198.91	\$ 274.49
10X Single Cell 3' Gene Expression Sequencing Library Prep (Per Sample)	\$ 1,812.77	\$ 2,501.63
10X Single Cell TCR Sequencing Library Prep (per sample)	\$ 1,954.64	\$ 2,697.40
10X Single Cell TCR & 5' gene Expression Sequencing Library Prep (per sample)	\$ 2,181.55	\$ 3,010.54
10X Single Cell Harshing Library Prep (featured barcode kit provided)	\$ 2,155.20	\$ 2,974.17
10X Single Cell ATAC Sequencing Library Prep (per sample)	\$ 1,682.78	\$ 2,322.24
Data Analysis Full, Next Generation Sequencing	\$ 146.53	\$ 202.22
Data Analysis Partial, Next Generation Sequencing	\$ 94.18	\$ 129.97
10X Single Cell Data Analysis (Per Sample)	\$ 267.93	\$ 369.74

### Quality Control & Nucleic Acid Extraction

Agilent HS DNA QC (Additional Sample)	\$ 19.12	\$ 26.38
Agilent HS DNA QC (First Sample)	\$ 40.85	\$ 56.38
Agilent Test DNA/RNA Analysis (Additional Sample)	\$ 8.67	\$ 11.96
Agilent Test DNA/RNA Analysis (First Sample)	\$ 19.87	\$ 27.42
Agilent Test DNA/RNA Analysis (One Sample Only)	\$ 36.95	\$ 51.00
Agilent Test Genomic DNA Analysis (Additional Sample)	\$ 12.92	\$ 17.83
Agilent Test Genomic DNA Analysis (First Sample)	\$ 36.96	\$ 51.01
Small RNA QC (Additional Sample)	\$ 17.01	\$ 23.47
Small RNA QC (First Sample)	\$ 40.65	\$ 56.10
Qubit DNA/RNA Concentration Measurement	\$ 12.14	\$ 16.75
Nanodrop DNA/RNA Concentration Measurement	\$ 2.25	\$ 3.11
Pico Green Measurement with Plate Reader (Per Plate)	\$ 198.55	\$ 273.99
Library Quantification by QPCR	\$ 110.52	\$ 152.52
Nucleic Acid Isolation	\$ 31.89	\$ 44.01
Nucleic Acid Isolation from FFPE Slide/Block	\$ 55.38	\$ 76.43
DNA Extraction from 2ml blood (96 samples as batch)	\$ 10.11	\$ 13.96

### Microarray & Others

Affymetrix Cytoscan HD/OnconScan CNV	\$ 666.64	\$ 919.97
Human U133plus2.0/Drosophila Genome 2 Array Hybridization	\$ 407.13	\$ 561.84
Mouse 430 2.0/Rat 230 2.0 Array Hybridization	\$ 557.23	\$ 768.97
Covaris Fragmentation	\$ 20.97	\$ 28.93
Globin Reduction	\$ 37.34	\$ 51.52
Lab Services Consult, Academic/Director	\$ 87.96	\$ 121.38
Lab Services Consult, Staff	\$ 39.00	\$ 53.82
QRT-PCR Analysis/Gene/Sample	\$ 43.60	\$ 60.17
QRT-PCR Primer Design/Gene	\$ 71.37	\$ 98.49
Use of ABI7500 (with 96 Well Plate)	\$ 135.00	\$ 186.30
Custom Service (workshops and custom services)	\$ 29.35	\$ 40.50
Cell Counting & Viability Analysis	\$ 81.66	\$ 112.69
Novaseq XP 2-Lane Kit (Per Lane)	\$ 217.98	\$ 300.81
Novaseq XP 4-Lane Kit (Per Lane)	\$ 328.75	\$ 453.68
≤ 2% Spike-in on HISEQ 3000 1x50	\$ 444.00	\$ 612.72
≤ 2%SPIKE IN ON HISEQ 3000 PE 2x150	\$ 567.22	\$ 782.77
10X Chip	\$ 265.51	\$ 366.40
Consumable & Lab for Generation Duplicate Plate	\$ 161.26	\$ 222.54
RNA Purification	\$ 43.37	\$ 59.85
NGS Data FastQ File Regeneration	\$ 52.86	\$ 72.95
Data Retrieval from Amazon (1X50 run)	\$ 93.41	\$ 128.91
Data Retrieval from Amazon (2X150 run)	\$ 180.89	\$ 249.63
Shipping with Hard Drive with 1 TB	\$ 141.33	\$ 195.03
Shipping	\$ 66.06	\$ 91.17