

# UCLA Technology Center for Genomics & Bioinformatics Rates

Effective on November 1, 2019

## Illumina & Oxford Nanopore Sequencing

Product/Service Description	Approved Rate	Temporarily Discounted Rate for UCLA	External Rate
MiSeq SBS Sequencing v2 PE 2x150 (Standard Flow Cell)	\$1,534.28	<b>\$1,457.57</b>	\$2,117.31
MiSeq SBS Sequencing v2 PE 2x250 (Standard Flow Cell)	\$1,692.58	<b>\$1,607.95</b>	\$2,335.76
MiSeq SBS Sequencing v3 PE 2x75 (Standard Flow Cell)	\$1,389.68	<b>\$1,320.20</b>	\$1,917.76
MiSeq SBS Sequencing v3 PE 2x300 (Standard Flow Cell)	\$2,220.66	<b>\$2,109.63</b>	\$3,064.51
NextSeq 500 SBS Sequencing v2 PE 2x75 High Output	\$3,876.10	<b>\$3,682.30</b>	\$5,349.02
NextSeq 500 SBS Sequencing v2 PE 2x75 Mid Output	\$1,505.86	<b>\$1,430.57</b>	\$2,078.09
NextSeq 500 SBS Sequencing v2 SR 1x75 High Output	\$2,130.72	<b>\$2,024.18</b>	\$2,940.39
NextSeq 500 SBS Sequencing v2 PE 2x150 High Output	\$6,006.33	<b>\$5,706.01</b>	\$8,288.74
NextSeq 500 SBS Sequencing v2 PE 2x150 Mid Output	\$2,331.75	<b>\$2,215.16</b>	\$3,217.82
HiSeq 3000 SBS Sequencing PE 2x150 (Per Lane)	\$2,933.56	<b>\$2,786.88</b>	\$4,048.31
HiSeq 3000 SBS Sequencing SR 1x50 (Per Lane)	\$1,520.20	<b>\$1,444.19</b>	\$2,097.88
NovaSeq 6000 S2 PE 2x50 (Per Lane)	\$6,066.43	<b>\$5,763.11</b>	\$8,371.67
NovaSeq 6000 S2 PE 2x100 (Per Lane)	\$7,774.61	<b>\$7,385.88</b>	\$10,728.96
NovaSeq 6000 S2 PE 2x150 (Per Lane)	\$8,872.72	<b>\$8,429.08</b>	\$12,244.35
NovaSeq 6000 S4 PE 2x150 (Per Lane)	\$6,603.67	<b>\$6,273.49</b>	\$9,113.06
NovaSeq 6000 S4 PE 2x100 (per lane)	\$5,023.11	<b>\$4,771.95</b>	\$6,931.89
NovaSeq 6000 SP Reagent Kit (100 cycles)	\$1,618.98	<b>\$1,538.03</b>	\$2,234.19
NovaSeq 6000 SP Reagent Kit (300 cycles)	\$2,399.86	<b>\$2,279.87</b>	\$3,311.81
NovaSeq 6000 SP Reagent Kit (500 cycles)	\$3,205.14	<b>\$3,044.88</b>	\$4,423.09
NovaSeq 6000 S1 Reagent Kit (100 cycles)	\$2,521.87	<b>\$2,395.78</b>	\$3,480.18
NovaSeq 6000 S1 Reagent Kit (200 cycles)	\$3,205.14	<b>\$3,044.88</b>	\$4,423.09
NovaSeq 6000 S1 Reagent Kit (300 cycles)	\$3,742.00	<b>\$3,554.90</b>	\$5,163.96
Oxford Nanopore sequencing (per sample)	\$1,153.80	<b>\$1,096.1</b>	\$1,592.2
<b>NGS Library Construction &amp; Data analysis</b>			
Library Prep, DNA	\$171.94	<b>\$163.34</b>	\$237.28
Library Prep, Methy	\$222.48	<b>\$211.36</b>	\$307.02
Library Prep, RNA	\$185.44	<b>\$176.17</b>	\$255.91
Low Input/Degraded DNA	\$197.87	<b>\$187.98</b>	\$273.06
Low Input/Degraded RNA	\$216.40	<b>\$205.58</b>	\$298.63
Whole Exome Sequencing Library Prep with NimbleGen Seqcap Kit	\$294.86	<b>\$280.12</b>	\$406.91
Whole Exome Sequencing with Agilent SureSelect Capture Kit (Min. 8x Samples)	\$301.70	<b>\$286.62</b>	\$416.35
Whole Exome Sequencing with TruSeq Exome Library Prep Kit (Min. 6x Samples)	\$260.46	<b>\$247.44</b>	\$359.43
Whole Exome Sequencing Library Prep with NimbleGen Seqcap Kit (Mouse)	\$308.50	<b>\$293.10</b>	\$425.70
Small RNA Library Prep	\$198.91	<b>\$188.96</b>	\$274.50
Data Analysis Full, Next Generation Sequencing	\$146.53	<b>\$139.20</b>	\$202.21
Data Analysis Partial, Next Generation Sequencing	\$94.18	<b>\$89.47</b>	\$129.97
10X Single Cell Data Analysis (Per Sample)	\$290.70	<b>\$276.10</b>	\$401.10
10X Single Cell 3' Gene Expression Library Prep (Per Sample)	\$1,953.8	<b>\$1,856.1</b>	\$2,696.3
10X Single Cell TCR Library Prep (per sample)	\$1,988.1	<b>\$1,888.7</b>	\$2,743.5

10X Single Cell TCR & 5' gene Expression Library Prep (per sample)	\$2,167.7	<b>\$2,059.3</b>	\$2,991.4
10X Single Cell Harshing Library Prep (featured barcode kit provided)	\$2,153.6	<b>\$2,045.9</b>	\$2,971.9
10X Single Cell ATAC Sequencing Library Prep (per sample)	\$1,714.7	<b>\$1,628.9</b>	\$2,366.3

### Quality Control & Nucleic Acid Extraction

Agilent HS DNA QC (Additional Sample)	\$19.12	<b>\$18.16</b>	\$26.39
Agilent HS DNA QC (First Sample)	\$40.85	<b>\$38.81</b>	\$56.37
Agilent Test DNA/RNA Analysis (Additional Sample)	\$8.67	<b>\$8.24</b>	\$11.96
Agilent Test DNA/RNA Analysis (First Sample)	\$19.87	<b>\$18.88</b>	\$27.42
Agilent Test DNA/RNA Analysis (One Sample Only)	\$36.95	<b>\$35.10</b>	\$50.99
Agilent Test Genomic DNA Analysis (Additional Sample)	\$12.92	<b>\$12.27</b>	\$17.83
Agilent Test Genomic DNA Analysis (First Sample)	\$36.96	<b>\$35.11</b>	\$51.00
Qubit DNA/RNA Concentration Measurement	\$12.14	<b>\$11.53</b>	\$16.75
Nanodrop DNA/RNA Concentration Measurement	\$2.25	<b>\$2.14</b>	\$3.11
Pico Green Measurement with Plate Reader (Per Plate)	\$245.50	<b>\$233.20</b>	\$338.70
Library Quantification by QPCR	\$110.52	<b>\$104.99</b>	\$152.52
Small RNA QC (Additional Sample)	\$17.21	<b>\$16.35</b>	\$23.75
Small RNA QC (First Sample)	\$40.65	<b>\$38.62</b>	\$56.10
Nucleic Acid Isolation	\$31.89	<b>\$30.30</b>	\$44.01
Nucleic Acid Isolation from FFPE Slide/Block	\$55.38	<b>\$52.61</b>	\$76.42
DNA Extraction from 2ml blood (96 samples as batch)	\$10.11	<b>\$9.60</b>	\$13.95

### Microarray & Others

Affymetrix Cytoscan HD/OnconScan CNV	\$666.64	<b>\$633.31</b>	\$919.96
Covaris Fragmentation	\$20.97	<b>\$19.92</b>	\$28.94
Globin Reduction	\$37.34	<b>\$35.47</b>	\$51.53
Human U133plus2.0/Drosophila Genome 2 Array Hybridization	\$465.45	<b>\$442.18</b>	\$642.32
Lab Services Consult, Academic/Director	\$87.96	<b>\$83.56</b>	\$121.38
Lab Services Consult, Staff	\$39	<b>\$37.05</b>	\$53.82
Mouse 430 2.0/Rat 230 2.0 Array Hybridization	\$557.23	<b>\$529.37</b>	\$768.98
NGS Data FastQ File Regeneration	\$52.86	<b>\$50.22</b>	\$72.95
QRT-PCR Analysis/Gene/Sample	\$43.60	<b>\$41.42</b>	\$60.17
QRT-PCR Primer Design/Gene	\$71.37	<b>\$67.80</b>	\$98.49
Shipping	\$66.06	<b>\$62.76</b>	\$91.16
Shipping with Hard Drive with 1 TB	\$141.33	<b>\$134.26</b>	\$195.04
Use of ABI7500 (with 96 Well Plate)	\$135	<b>\$128.25</b>	\$186.30
Custom Service (workshops and custom services)	\$29.35	<b>\$27.88</b>	\$40.50
Novaseq XP 2-Lane Kit (Per Lane)	\$219.30	<b>\$208.40</b>	\$302.70
Novaseq XP 4-Lane Kit (Per Lane)	\$327.40	<b>\$311.10</b>	\$451.80
Cell Counting & Viability Analysis	\$90.20	\$85.70	\$124.50
≤ 2% Spike-in on HISEQ 3000 1x50	\$442.70	\$420.60	\$610.90
≤ 2%SPIKE IN ON HISEQ 3000 PE 2x150	\$584.00	\$554.80	\$806.00
10X Chip	\$259.6	\$246.6	\$358.2
Consumable & Lab for Generation Duplicate Plate	\$160.30	\$152.30	\$221.30
RNA Purification	\$34.10	\$32.40	\$47.00
Data Retrieval from Amazon (1X50 run)	\$79.10	\$75.10	\$109.10
Data Retrieval from Amazon (2X150 run)	\$179.10	\$170.10	\$247.10