

Service and Pricing

Library Preparation (cost per sample)			
Description	Platform	Augusta University	Non-Augusta University
DNA-seq	Illumina	\$150.00	\$225.00
ChIP-seq	Illumina	\$150.00	\$225.00
RRBS Methyl-seq	Illumina	\$150.00	\$225.00
mRNA-seq	Illumina	\$250.00	\$375.00
Total RNA-seq	Illumina	\$300.00	\$450.00
small RNA-seq	Illumina	\$280.00	\$420.00
Chromium Next GEM Single Cell 3' RNA-seq	10X Genomics	\$1,900.00	\$2,850.00
Chromium Next GEM Single Cell ATAC	10X Genomics	\$1,870.00	\$2,805.00
Chromium Next GEM Single Cell Multiome ATAC + RNA-seq	10X Genomics	\$3,200.00	\$4,800.00
Chromium Single Cell TCR/BCR	10X Genomics	\$260.00	\$390.00
Chromium Next GEM Single Cell 3' RNA-seq v3.1 Cell Multiplexing	10X Genomics	Please inquire core personnel for this application.	

* Sample (DNA/RNA/cells/nuclei)QC and Library QC (Bioanalyzer/Qubit/qPCR) are not included.

** We do not guarantee the number of reads or number of captured regions if the libraries are prepared by the individual investigators.

Library / Sample Quality & Quantity assessment			
Description	Platform	Augusta University	Non-Augusta University
DNA Hi-sensitivity (up to 11 samples per chip)	Agilent	\$72.00 / chip	\$94.00 / chip
RNA-Nano (up to 12 samples)	Agilent	\$45.00 / chip	\$67.00 / chip
RNA-Pico Chip (up to 11 samples)	Agilent	\$50.00 / chip	\$75.0 / chip
DNA & RNA TapeStation	Agilent	\$5.00 / sample	\$7.50 / chip
qPCR Measurement \$25+\$2 per sample	ABI	\$25.00 / sample	\$37.00 / sample
Qubit Measurement		\$2.50 / sample	\$3.70 / sample
Cell QC		\$20 / sample	\$30 / sample
Library QC for Single Cell RNA-seq / ATAC		\$37 / sample	\$55 / sample
Library QC for Single Cell Multiome / Cell Multiplex/GEX+V(D)J		\$72 / sample	\$110 / sample

Sequencing Run (cost per lane)			
Description	Platform	Augusta University	Non-Augusta University
Miseq (50 cycles) v2	Illumina	\$1,200.00	\$1,680.00
Miseq (300 cycles) v2	Illumina	\$1,400.00	\$1,960.00
Miseq (500 cycles) v2	Illumina	\$1,600.00	\$2,240.00
Miseq (150 cycles) v3	Illumina	\$1,300.00	\$1,820.00
Miseq (600 cycles) v3	Illumina	\$2,000.00	\$2,800.00
Miseq Nano (300 cycles) v2	Illumina	\$575.00	\$805.00
Miseq Nano (500 cycles) v2	Illumina	\$620.00	\$868.00
Miseq Micro (300 cycles) v2	Illumina	\$720.00	\$1,008.00
Nextseq Mid Output v2.5 (150 cycles)	Illumina	\$1,500.00	\$2,100.00
Nextseq Mid Output v2.5 (300 cycles)	Illumina	\$2,240.00	\$3,136.00
Nextseq High Output v2.5 (75 cycles)	Illumina	\$1,940.00	\$2,716.00
Nextseq High Output v2.5 (150 cycles)	Illumina	\$3,600.00	\$5,040.00
Nextseq High Output v2.5 (300 cycles)	Illumina	\$5,700.00	\$7,980.00

* Fastq only through initial data analysis containing base calling and de-multiplexing costs \$60 per run.

** The FASTQ will be provided to principal investigators for the downstream analysis, that need to be safely stored for a future submission purposes. Please contact Bioinformatics Shared Resource (<http://www.augusta.edu/cancer/research/shared/bioinformatics/>) to discuss further data analysis needs.

***** Please note that due to the limited space on the Illumina server, all generated (including original fastq and analyzed) file will be removed THREE Months after being released.**

Novaseq6000 Sequencing Run (cost per Flow Cell)			
Description	Platform	Augusta University	Non-Augusta University
SP Reagent Kit v1.5 (100 cycles)	Illumina	\$2,850.00	\$3,705.00
SP Reagent Kit v1.5 (200 cycles)	Illumina	\$3,550.00	\$4,615.00
SP Reagent Kit v1.5 (300 cycles)	Illumina	\$3,850.00	\$5,005.00
SP Reagent Kit v1.5 (500 cycles)	Illumina	\$5,150.00	\$6,695.00
S1 Reagent Kit v1.5 (100 cycles)	Illumina	\$4,750.00	\$6,175.00
S1 Reagent Kit v1.5 (200 cycles)	Illumina	\$5,850.00	\$7,605.00
S1 Reagent Kit v1.5 (300 cycles)	Illumina	\$6,300.00	\$8,190.00
S2 Reagent Kit v1.5 (100 cycles)	Illumina	\$8,400.00	\$10,920.00
S2 Reagent Kit v1.5 (200 cycles)	Illumina	\$10,300.00	\$13,390.00
S2 Reagent Kit v1.5 (300 cycles)	Illumina	\$11,000.00	\$14,300.00
S4 Reagent Kit v1.5 (35 cycles)	Illumina	\$12,000.00	\$15,600.00
S4 Reagent Kit v1.5 (200 cycles)	Illumina	\$14,600.00	\$18,980.00
S4 Reagent Kit v1.5 (300 cycles)	Illumina	\$16,200.00	\$21,060.00

*** Fastq only through initial data analysis containing base calling and de-multiplexing costs as follows:**

SP \$180.00

S1 \$360.00

S2 \$480.00

S4 \$660.00