

## Available Services & Rates

The Genomics Research Laboratory (GRL) at VBI functions as a multi-user resource dedicated to the development and application of various high-throughput technologies to aid in the discovery of biological macromolecules. These types of technologies are quite expensive to operate and maintain, making it difficult for individual laboratories to invest in this type of infrastructure. The model for the VBI GRL is to be a “one-stop” shop for providing researchers access to both the tools and our experienced staff. A central goal of the VBI

GRL is to provide high quality data in a timely fashion and excellent customer service in a collaborative spirit with our customers. Currently, we provide analysis platforms for DNA (sequencing and genotyping), RNA (gene expression analysis) and proteins (proteomics). We also offer a selection of molecular biology applications (colony picking, cloning, DNA/RNA isolations). In addition to the ongoing application of existing technologies, the VBI GRL is also actively engaged in the development and testing of new technologies as needed.

ILLUMINA® Library Prep	VIRGINIA TECH RESEARCHERS	NON-VIRGINIA TECH RESEARCHERS
<b>DNA Methods</b>		
DNA Seq (per sample)	\$263	\$423
Nextera DNA (per sample)	\$104	\$167
Nextera XT DNA (per sample)	\$73	\$118
HT DNA Seq (per sample; > 48 samples)	\$111	\$179
<b>RNA Methods</b>		
Small-RNA Profiling (per sample)	\$363	\$584
HT Small-RNA Profiling (per sample; > 48 samples)	\$139	\$224
mRNA-Seq (per sample; non-stranded)	\$343	\$552
mRNA-Seq (per sample; stranded)	\$378	\$609
HT mRNA Seq Non-stranded (per sample; > 48 samples)	\$126	\$203
HT mRNA Stranded (per sample; > 48 samples)	\$146	\$235
<b>Targeted Methods</b>		
Nextera Rapid Capture Exome enrichment (per sample)	\$179	\$288
Agilent Sure Select Exome Enrichment (per sample)	\$492	\$792
TruSeq Custom Aplicon Enrichment (per sample)	\$408	\$657
Chip-Seq DNA (per sample)	\$273	\$440
16S & 18S Amplicon Prep (per sample)	\$61	\$98

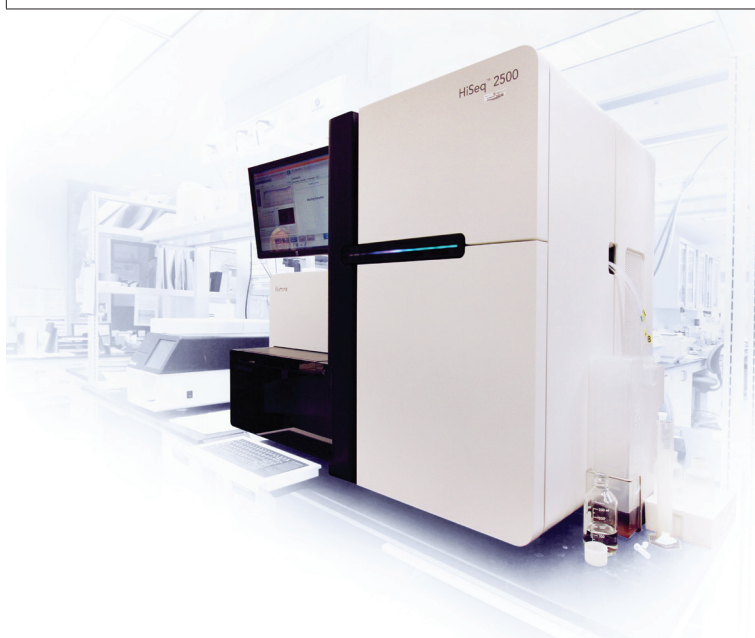
ILLUMINA® HiSeq® Sequencing*	VIRGINIA TECH RESEARCHERS	NON-VIRGINIA TECH RESEARCHERS
50 Cycle, single end (per lane)	\$730	\$1,175
100 Cycles, single end (per lane)	\$979	\$1,576
50 Cycles, paired end (per lane)	\$1,217	\$1,959
100 Cycles, paired end (per lane)	\$1,622	\$2,611
150 Cycles, paired end (per lane; Rapid Run)**	\$1,504	\$2,421
* Call for other read configurations		
** Additional charges may be required for Rapid Run mode. Please call for details.		

ILLUMINA® MiSeq® Sequencing*	VIRGINIA TECH RESEARCHERS	NON-VIRGINIA TECH RESEARCHERS
50 Cycle, single end (per lane)	\$717	\$1,154
150 Cycles, paired end (per lane)	\$931	\$1,499
250 Cycles, paired end (per lane)	\$1,029	\$1,657
* Possible read configurations: 50SR; 50PE; 150PE; 200x100PE; 250PE; others by request.		

DNA Sequencing / Sanger®	VIRGINIA TECH RESEARCHERS	NON-VIRGINIA TECH RESEARCHERS
DNA Sequencing, full service (per sample)	\$5	\$8.10
DNA Sequencing, clean & run only (per sample)	\$6	\$9.70

Other Services	VIRGINIA TECH RESEARCHERS	NON-VIRGINIA TECH RESEARCHERS
Covaris Fragmentation (per sample)	\$7	\$11
Specialized Services (per hr; per service)	\$101-\$156	\$163-\$251
qPCR of Investigator Lib (per sample)	\$10	\$16
DNA Genotyping Fragment Analysis (per sample)	\$3	\$4.80
Quibit	\$4	\$6.40

Bioanalyzer / TapeStation	VIRGINIA TECH RESEARCHERS	NON-VIRGINIA TECH RESEARCHERS
DNA QC	\$6.50	\$10.50
RNA QC	\$5.50	\$8.90



### FOR MORE INFORMATION

<http://www.vbi.vt.edu/about/resources/genomics-research-laboratory/corelabs@vbi.vt.edu>, 540-231-1229

Please request an official quote from Sai Karyala at [grl@vbi.vt.edu](mailto:grl@vbi.vt.edu) before proceeding with sample submission. All rates and services are subject to change without prior notice. Please call to schedule high-throughput submissions for all services.

Unless otherwise notified the sample will be discarded upon successful completion of the service requested.