Genomics Sequencing Center
Mini Grant Program

Co-Sponsored by Illumina | Deadline: May 16, 2018

Description
Biocomplexity Institute’s Genomics Sequencing Center is offering a unique opportunity for innovative investigators to support pilot research projects using Next-Generation Sequencing technology on the Illumina NextSeq platform. We are pleased to announce a pilot award in collaboration with Illumina to provide sequencing for multiple applications.

The support covers sample library preparation and sequencing on a NextSeq flow cell (up to 400 million reads) for 1 winner. The winner will be announced at the BI Core-Day Open House on May 22, 2018.

Objective
The goal of this program is to support Biocomplexity Institute researchers as they seek to generate pilot data to submit in support of future grant applications, and to promote the utilization of cutting-edge next-generation sequencing technology for genomic and translational research. Sequencing to support currently funded research will not be considered.

Example Runs on NextSeq 550 System*

- 1 human whole genome
- 2 human whole genome methyl-seq experiments
- 12 exomes
- 16 transcriptomes
- 18 ChIP-Seq experiments
- 48 small RNA-seq experiments
- 96 small genomes (<5 Mbp)

* Sample number will vary depending on desired coverage and number of reads

Eligibility
- Applicants must hold primary research positions and must be planning to submit a grant application to support a broader research aim for which they need pilot data.
- Applicants may not hold current awards directly related to the proposed research.

Apply
Please submit your abstracts of one page or less to Saikumar Karyala (skaryala@bi.vt.edu) by 5PM May 16, 2018 to be considered for this grant program. The winner will be announced at the BI Core-Day Open House, May 22, 2018 (see announcements).