Introduction to Bioinformatics

NGS, AWS, and Python

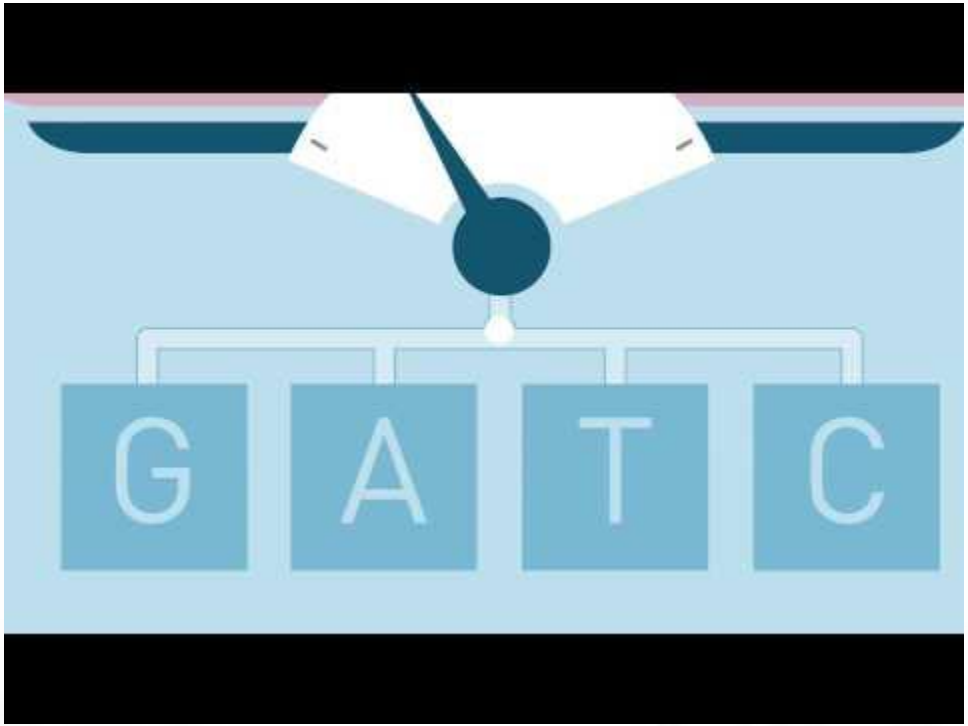
Stevan Radanović

SevenBridges
genomics

Resources

- Ion Torrent sequencing, Thermo Fisher Sci., Life Tech., https://www.youtube.com/user/LifeTechnologiesCorp
- Oxford Nanopore, https://www.youtube.com/channel/UC5yMIYjHSgFfZ37LYq-dzig
- PacBio, https://www.youtube.com/user/PacificBiosciences
- IPython, virtualenv, virtualenvwrapper
- Jupyter Notebook
- nbviewer, http://nbviewer.ipython.org/

Ion Torrent



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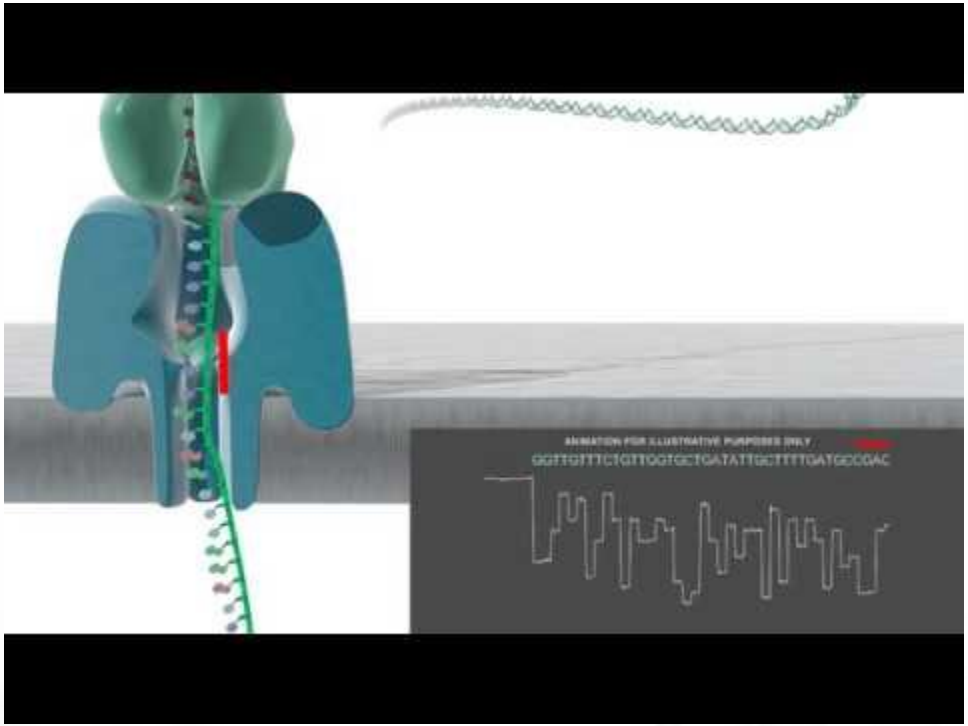

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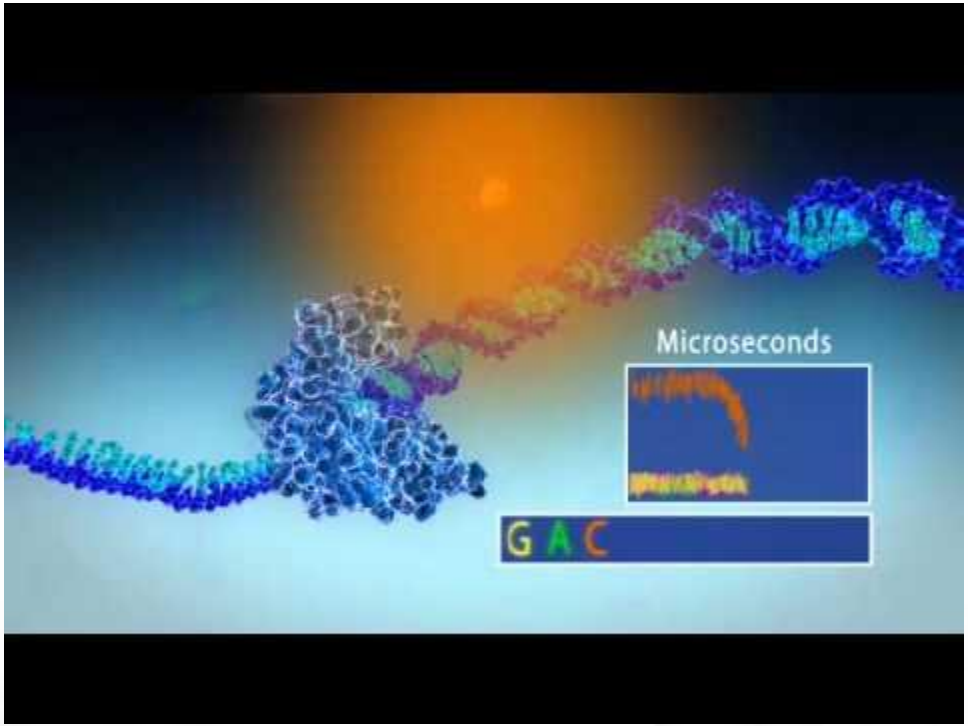
PacBio SMRT



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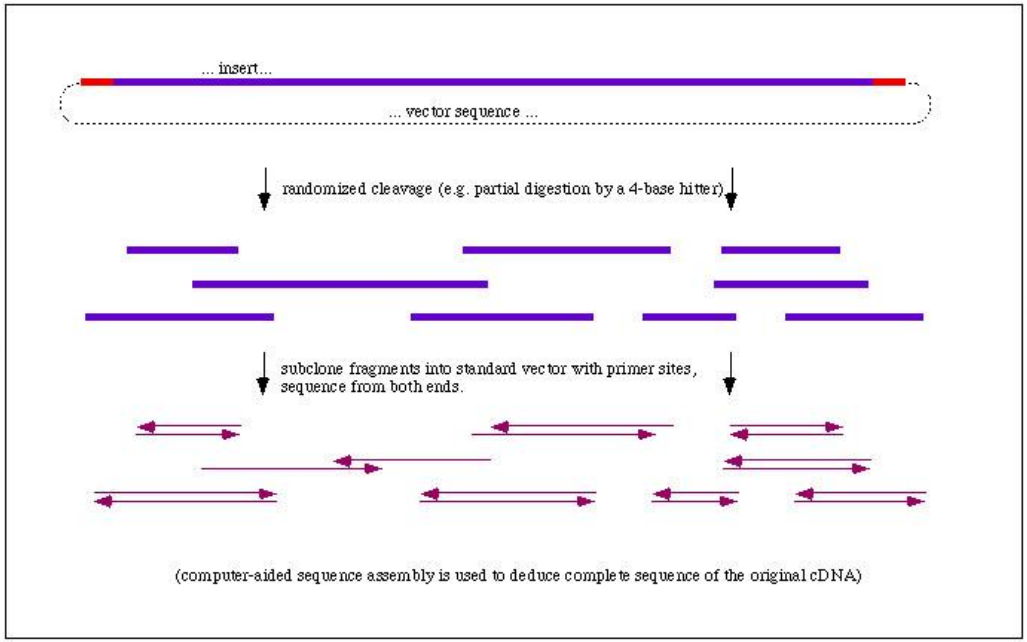
Refresher

- DNA Fragmentation
- NGS Sequencing



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