

Resource Summary Report

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Applying vContact to Viral Sequences and Visualizing the Output (Cyverse)

DOI:10.17504/protocols.io.ev8be9w

Type: Protocol

Proper Citation

Benjamin Bolduc 2016. Applying vContact to Viral Sequences and Visualizing the Output (Cyverse). protocols.io dx.doi.org/10.17504/protocols.io.ev8be9w

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.ev8be9w>

Authors: Benjamin Bolduc

Group: Sullivan Lab

Summary: A collection of protocols designed to guide the user in processing a viral metagenome from raw sequence data to assembly, and subsequent analysis. The user uses actual reads from Ocean Sampling Day (2014) and processes them entirely within Cyverse, a NSF-supported cyberinfrastructure.

Associated Publications: Bolduc B, Youens-Clark K, Roux S, Hurwitz BL, Sullivan MB, iVirus: facilitating new insights in viral ecology with software and community data sets imbedded in a cyberinfrastructure. The ISME Journal 11(1). doi: [10.1038/ismej.2016.89](https://doi.org/10.1038/ismej.2016.89)

Affiliations: The Ohio State University

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