protocols.io

VBRC Base By Base: Export an image of the alignment

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Abstract

Viral Bioinformatic Resource Centre

- **Provide databases of viral genomic information.**
  - Please check the ***Organisms*** menu to see which viruses we support: we're now focusing on large DNA viruses
  - The VOCs (Virus Orthologous Clusters) database is at the heart of our system.
  - The database links directly to integrated tools for comparative analyses.
  - VOCs sorts genes into ortholog clusters (e.g. RNA polymerase) to simplify data retrieval.
- **Provide easy access to the genes, gene families, and genomes of the different virus families.**
  - via a unique series of powerful Java tools that support multiple computer platforms (see ***VBRC Tools*** menu).
  - design and build software to tackle specific bioinformatics/virology problems, often in collaboration with virologists.
- **Rally the research community to provide expert curation of these viral genomes by:**
  - Adding value to GenBank sequences through enhancing and updating genome annotations
  - Linking to research reviews/papers for the research community.
- **Collaborate with researchers to help on specific bioinformatics problems, e.g.**
  - Custom searches of the databases
  - Building new features into our tools
  - Help with genome annotation

Protocol

Step 1.
Any BBB alignment can be exported to an image.

Select **"Export Alignment Image"** from the *File* menu.

Step 2.
A window containing image options will open; adjust these if desired, then click **"OK"**