See your data in context!

Connect to a track hub

Track Hubs have arrived in GDV, giving you a new option for analyzing externally-provided data alongside NCBI-provided tracks. You can connect and configure track hubs via a new configuration interface that is accessed from both the “User Data and Track Hubs” widget options or the “Tracks” menu.

Here’s a quick tutorial to get started: bit.ly/track-hubs-tutorial.


BLAST widget

The BLAST widget, a new browser feature, provides direct access within GDV to execute and manage BLAST queries (blastn, tblastn) aligned to the specific assembly.

- Seamlessly connect from or to BLAST within GDV
- Run a search in BLAST and view track in GDV
- Video tutorial at bit.ly/2CRobZ6

Other options to view your data in GDV

- Connect to a track hub
- Stream a remotely hosted file
- Upload your file!

Watch GDV in action!

Video tutorials here: bit.ly/GDV-tutorials
Keep your annotations current!

**NCBI Remap** is a tool that allows users to project annotation data from one coordinate system to another. This remapping (sometimes called 'liftover') uses genomic alignments to project features from one sequence to the other. For each feature on the source sequence, we perform a base-by-base analysis of each feature on the source sequence in order to project the feature through the alignment to the new sequence.

![ncbi.nlm.nih.gov/genome/tools/remap](ncbi.nlm.nih.gov/genome/tools/remap)

Beta version of stand-alone remap is available to Mac and Windows users!  

New!

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**Genome Decoration Page**

**Place your annotations on the genome!**

The **Genome Decoration Page** (GDP) is a service that allows users to upload their own annotation data and create a figure showing that annotation distributed on the genome. Annotation can be shown as a track, or set of tracks, drawn next to the chromosome. One annotation track can be selected to be drawn as an 'Overlay', such that the annotation information is drawn on top of the chromosome representation.

![ncbi.nlm.nih.gov/genome/tools/gdp](ncbi.nlm.nih.gov/genome/tools/gdp)