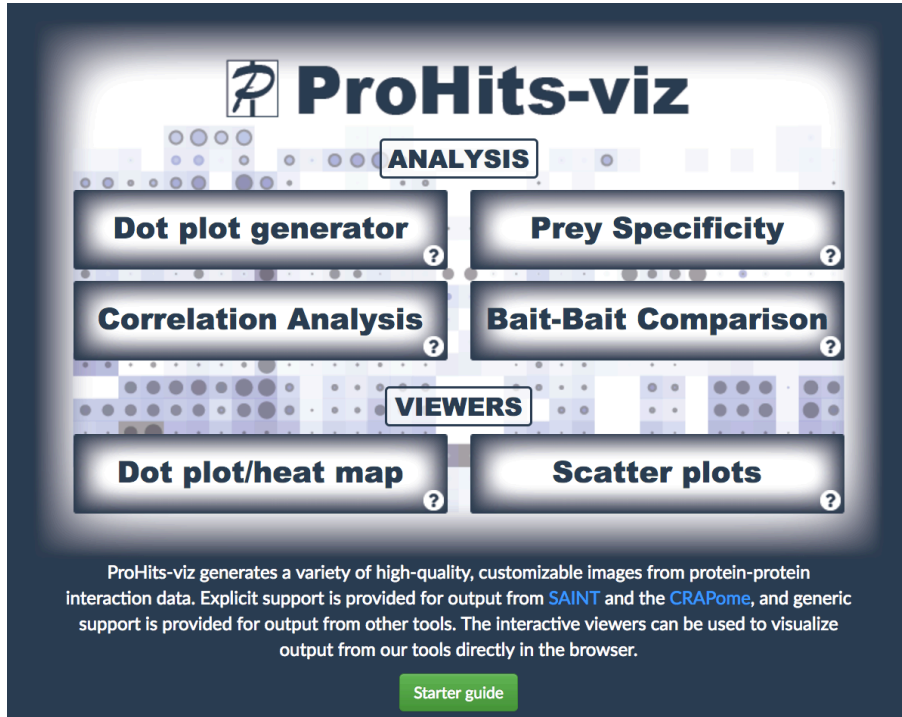


ProHits-viz

Starter guide

ProHits-viz consists of six tools with intuitive user interfaces for inputting and processing data quickly and easily. Four are designed for processing protein-protein interaction data directly from tools such as SAINT and the CRAPome or more generally from any tabular data. Click the help icon (?) on any tool on the main page for a brief description.



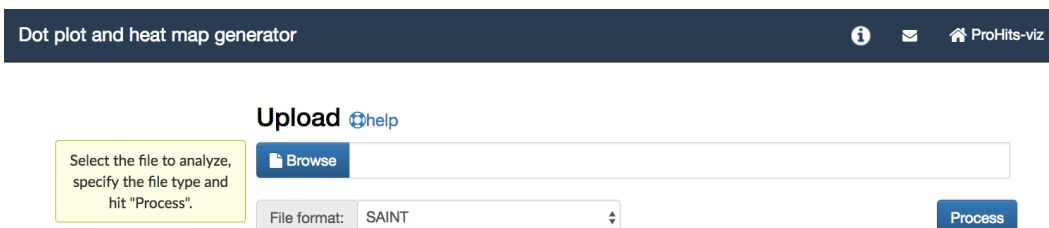
The screenshot shows the ProHits-viz homepage with the following layout:

- ANALYSIS** section:
 - Dot plot generator (?)
 - Prey Specificity (?)
 - Correlation Analysis (?)
 - Bait-Bait Comparison (?)
- VIEWERS** section:
 - Dot plot/heat map (?)
 - Scatter plots (?)

ProHits-viz generates a variety of high-quality, customizable images from protein-protein interaction data. Explicit support is provided for output from SAINT and the CRAPome, and generic support is provided for output from other tools. The interactive viewers can be used to visualize output from our tools directly in the browser.

[Starter guide](#)

From the homepage of any tool, click the information icon (i) at the top to get a more detailed description of its purpose. The yellow boxes at the left give step-by-step instructions on how to use the tool, with further information available about each step of the process from the [help](#) links at the top of each section.



The screenshot shows the interface for the "Dot plot and heat map generator" tool. At the top, there is a navigation bar with the tool name, an information icon (i), an email icon, and a "ProHits-viz" link. Below the navigation bar, the "Upload" section is visible, featuring a "help" link. A yellow instruction box on the left reads: "Select the file to analyze, specify the file type and hit 'Process'." The main interface includes a "Browse" button, a "File format" dropdown menu set to "SAINT", and a "Process" button.

Sample files are available for use with our tools by clicking the [help](#) link for the **Upload** section. Click the [Sample input files](#) hyperlink to download a test file.

Dot plot and heat map generator



ProHits-viz

Upload [help](#)

Select the file to analyze, specify the file type and hit "Process".

 Browse

File format: SAINT

Process

Inputting data

Specify the file for upload and the file type, then hit "Process". Explicit support is provided for data files output from SAINT and CRAPome (CRAPome matrix format is not supported, however). Datasets from other tools or pipelines can be input by selecting the "Other" option. Files must be in tabular format as tab-delimited text. At a minimum, the file must contain four columns specifying the bait/condition, prey/readout, abundance measure (spectral count, intensity, etc) and a confidence metric (e.g. FDR). [Sample input files](#) are available for download and contain BioID published in [PMID:24255178](#).

For detailed information on tools that generate compatible input for ProHits-viz, see the references and links below:

Publications:

[SAINT](#) - [PMID:21131968](#)
[SAINTexpress](#) - [PMID:24513533](#)
[SAINT-MS1](#) - [PMID:22352807](#)
[ProHits](#) - [PMID:20944583](#)
[ProHits Protocol](#) - [PMID:22948730](#)
[ProHits 4.0](#) - [PMID:27132685](#)
[CRAPome](#) - [PMID:23921808](#)

Sites:

[saint-apms.sourceforge.net](#)
[ProHits](#)
[CRAPome](#)
[GalaxyP](#)

Close