



Getting Started – GenomeBrowse

How do I add a plot?

- You can drag and drop any BAM, BED, TSF or VCF file directly into the GenomeBrowse view. Additionally, if a BED or VCF file is bgzipped you can drag and drop the BED.GZ or VCF.GZ file into the view as well.
- You can also stream BAM and TSF files by clicking on the Add button  in the top left corner of the GenomeBrowse view. From this dialog you can add data from a local folder, the Golden Helix public annotations server, or BAM files from a URL.
- You can change the default visible plots for Read Alignment (BAM) files by clicking on the GenomeBrowse view gear icon  and checking or unchecking the **Coverage** or **Pile-up** options.
- You can change where new plots are added in the **Options** dialog. By default new plots are added to the **Top** of the plot view, this can be changed to have plots added to the **Bottom** of the view.

How do I navigate?

- There are two navigation modes in GenomeBrowse:
 - In Navigation Pointer Mode , you can pan any plot or axis by holding down the left mouse button. Dragging with the right mouse button scales the plot.
 - Zoom Mode  will give you access to the rubber band zoom feature.
- You can use the scroll wheel to zoom in and out in any mode.
- By default, all plots have y-axis fit-data or auto zoom enabled. To change the y-axis zoom mode, hover over a plot and click the zoom mode button on the right edge (labeled with a letter).
- You can jump to a specific region or gene by typing it into the Zoom Toolbar. This includes typing in a gene or transcript name.
- There is a zoom slider for the x-axis in the toolbar between the – and + buttons. These controls scale the x-axis on all plots.

- There are left and right arrows framing the Domain Scale. These controls pan the x-axis on all plots.
- Right-click before you complete a zoom selection to cancel.

How do I see my previous view?

- Clicking the Back and Forward arrows  allows you to traverse zoom history.
- Right-clicking or holding the mouse button down on one of the buttons for a few seconds gives you a list of recent zoom history states, so that you can jump back by multiple steps.

How do I move and resize plots?

- You can drag plots around in the view using their handles (at the left of a plot).
- To resize the plot, you can mouse over the handle (at the bottom of a plot) and drag up or down.

How do I change how my data is displayed in a plot?

- In some plots, a gear icon will appear in the top-left corner when view options are available. Click on this gear icon to view plot-type specific options.
- If a view already contains the plot control panel, you just need to select a plot to have the control options update with those relevant to that plot type.
- To open the control panel, right-click on a plot and choose **Controls...**

What can I do with the mouse anchor?

- Right-click anywhere in a plot and choose **Place Mouse Anchor** to mark a location.

How do I learn more about the GenomeBrowse features?

- For more help consult the VarSeq manual or visit www.goldenhelix.com/GenomeBrowse/online_help