

# Visualizations

This user guide illustrates:

- [Dot Plot](#)
- [Profile Plot](#)
- [XY Plot / Bar Chart](#)
- [Volcano Plot](#)
- [Scatter Plot and MA Plot](#)
- [Sort Rows by Prototype](#)
- [Manhattan Plot](#)
- [Violin Plot](#)

This user guide assumes the user is familiar with the hierarchy of spreadsheets and analysis in Partek® Genomics Suite®.

Many plots available in Partek Genomics Suite are not discussed in this user guide. A more thorough review of Partek Genomics Suite visualizations can be found in **Chapter 6: The Pattern Visualization System** of the Partek User's Manual available from **Help > User's Manual** in the Partek Genomics Suite main toolbar.

There is no specific data set for this tutorial. You may use one of your own microarray experiments or use a data set from one of our tutorials.

Visualizations are generated using data from a spreadsheet. Some visualizations allow interactive filtering on the plot, but others do not. If you only wish to include certain rows or columns in a visualization, you may need to create a spreadsheet with only the rows or columns of interest by applying a filter and cloning the spreadsheet.

In general, probe(set)/gene intensity values may be visualized from either an ANOVA spreadsheet or a filtered ANOVA spreadsheet. Because intensity data is stored in the parent spreadsheet, the parent and child spreadsheets should be visible in the spreadsheet navigator with the appropriate parent/child relationship (Figure 1).

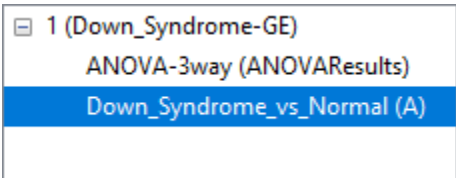


Figure 2. Down\_Syndrome-GE is the parent spreadsheet; ANOVAResults and A are child spreadsheets of Down\_Syndrome-GE

## Additional Assistance

If you need additional assistance, please visit [our support page](#) to submit a help ticket or find phone numbers for regional support.

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