

Volcano Plot

Plots significance versus fold-change for gene expression rates.

Inputs

- Data: Input data set.

Outputs

- Selected Data: Data subset.

Volcano plot is a graphical method for visualizing changes in replicate data. The widget plots a binary logarithm of fold-change on the x-axis versus **statistical significance** (negative base 10 logarithm of p-value) on the y-axis.

Volcano Plot is useful for a quick visual identification of statistically significant data (genes). Genes that are highly dysregulated are farther to the left and right, while highly significant fold changes appear higher on the plot. A combination of the two are those genes that are statistically significant.

Example

TODO!