

# Correlation Plot

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## What is the Correlation plot?

The *Correlation plot* is used to visualize the relationship between feature and numeric attribute values for each sample or cell. The y-axis is the feature and the x-axis is the numeric attribute. Points on the plot are cells or samples.

## Viewing the Correlation plot

The correlation plot is available on [Correlation analysis](#) and [ANOVA](#) (if a numeric attribute is included) task reports.

- Click the **View correlation plot** button  in the *View* column of the task report (Figure 1)







Optional columns					
	View	Gene symbol	Total counts	P-value	
1		TOP2A	205.70	6.64E-74	
2	 View correlation plot		125.92	4.36E-63	
3		NDC80	106.72	5.2E-60	
4		RRM2	214.43	8.19E-60	
5		CDK1	154.03	9.8E-59	
6		KIF2C	112.44	2.10E-58	

Figure 3. Opening a correlation plot

## Configuring the Correlation plot

The correlation plot can be configured using the control panel to the left of the plot (Figure 2).

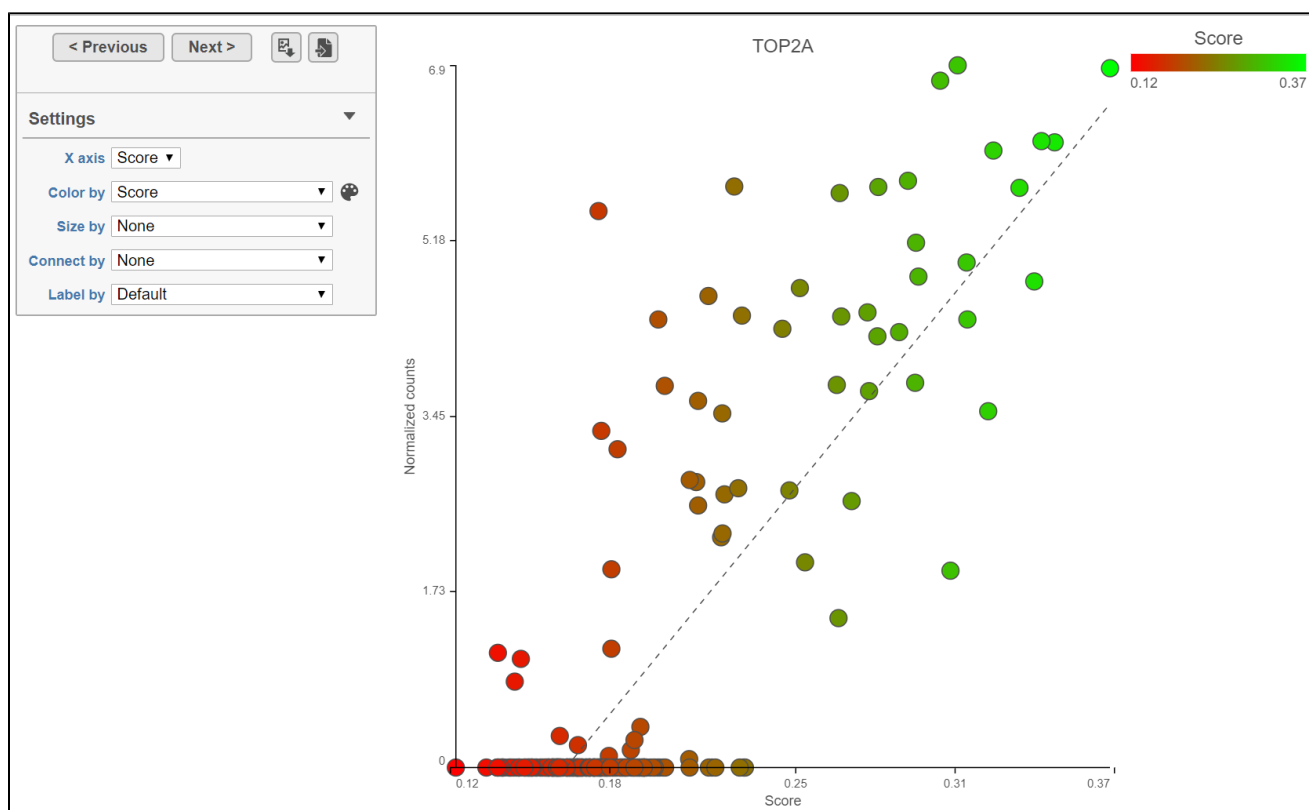


Figure 4. Correlation plot

The points on the plot are the cells or samples.

The feature ID is shown in the plot title.

The x-axis is the selected numeric attribute.


The y-axis is the normalized counts for the feature.


The points can be colored, sized, connected, and labeled using the drop-down menus in the control panel. By default, the points are colored by the first numeric attribute.

To switch the numeric attribute on the x-axis, use the *X-axis* drop-down menu.

The linear regression line is shown on the plot as a grey dashed line.

Click **< Previous** and **Next >** to move up and down the table.

Click the **Save image** button  to save a PNG or SVG image to your computer.

Click the **Send to notebook** button  to send the image to a page in the Notebook.

## Additional Assistance

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



Your Rating:  Results:  10 rates