Filter Management

The results of differential gene expression analyses (GSA or ANOVA) in Partek® Flow® can be filtered to extract meaningful results, e.g. statistically significant genes. User-defined filters can be saved and applied to other projects.

This user guide will cover the following topics:

- Saving a Custom Filter
- Filter Management Page

Saving a Custom Filter

On a *Feature list* task report, specify the criteria to filter the table of statistical results using the *Filter* dialog (Figure 1) and click the **Save filter** button.

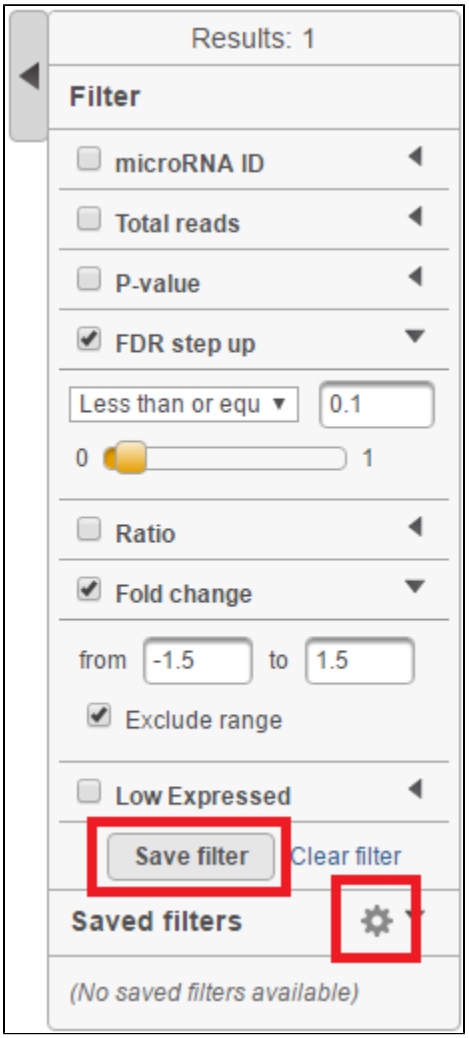

Figure 6. Filter dialog showing filtering criteria (false discovery rate (FDR) step up 0.1 & Fold change <-1.5 or >1.5) and indicating no filters have been saved yet. The Save filter button is at the bottom of the dialog. The gear icon opens the Filter management page

Name the filter by typing into the *Filter name* box in the *Save filter* dialog and click the **Save filter** button (Figure 2).

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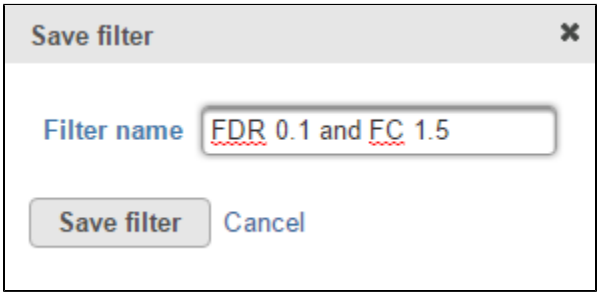

Figure 7. Give the filter a name and save

Saved filters will appear in the Saved filters section in the Filter dialog (Figure 3). Saved filters are only available to the Partek Flow user that created them. They will not be available to other administrative or nonadministrative users on the same Partek Flow instance.

To apply a saved filter to a table of statistical results, click the filter name in the *saved filters* section in the *Filter* dialog. If a filter is applied to a table, the filter name will appear at the top of the *Filter* dialog.

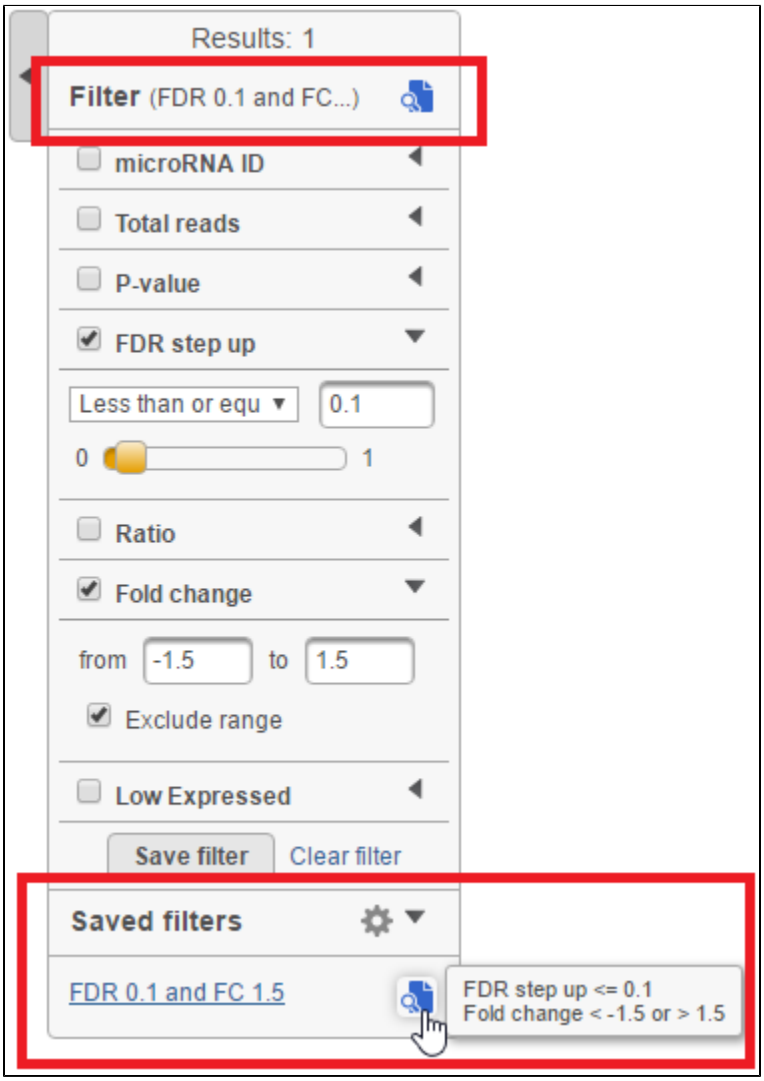

Figure 8. Saved filters are available at the bottom of the Filter dialog to all the users of the same Partek Flow.

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Hovering over the **Preview filter** ( ) icon in the Filter dialog will show a full description of the filter in a pop-out balloon. Applied filters are displayed at the top of the Filter dialog

Filter Management Page

To access the *Filter management* page, click on the **gear** ( ) icon in the *Filter* dialog on a *Feature list* task report (Figure 1, above). Alternatively, click the avatar in the top right corner, choose **Settings** and click **Filter management** on the left (Figure 4). This page can be accessed by administrative and nonadministrative Partek Flow users. The table on the *Filter management* page displays all saved filters created by the Partek Flow user that is currently logged in (Figure 4). Filters created by other Partek Flow users will not be displayed in the table.

Figure 9. The Filter management page

Hover over the **Preview filter** ( ) icon in the *Actions* column to show a full description of the filter in a pop-out balloon (Figure 4). Click the **Preview filter** ( ) icon to show the filter details in a table (Figure 5). To delete a filter, click the **red cross** ( ) icon in the *Actions* column on the filter management page (Figure 4).

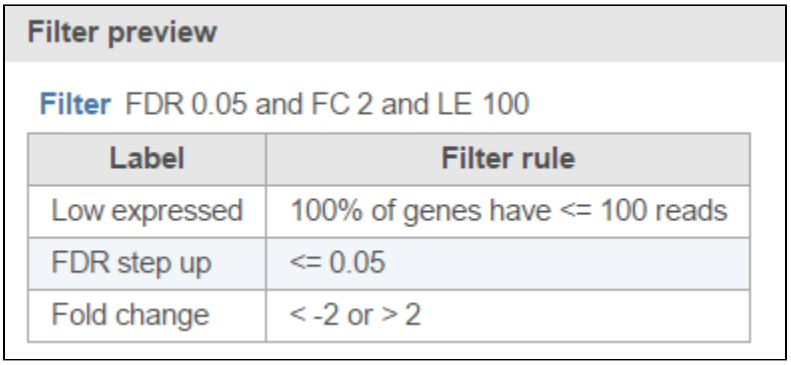

Figure 10. Preview filter in a table

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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Your Rating: *Results:* *34 rates*

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