Create a marker list

To analyze differences in methylation between our experimental groups, we need to create a list of deferentially methylated loci.

- Select **Create Marker List** from the Analysis section of the *Illumina BeadArray Methylation* workflow
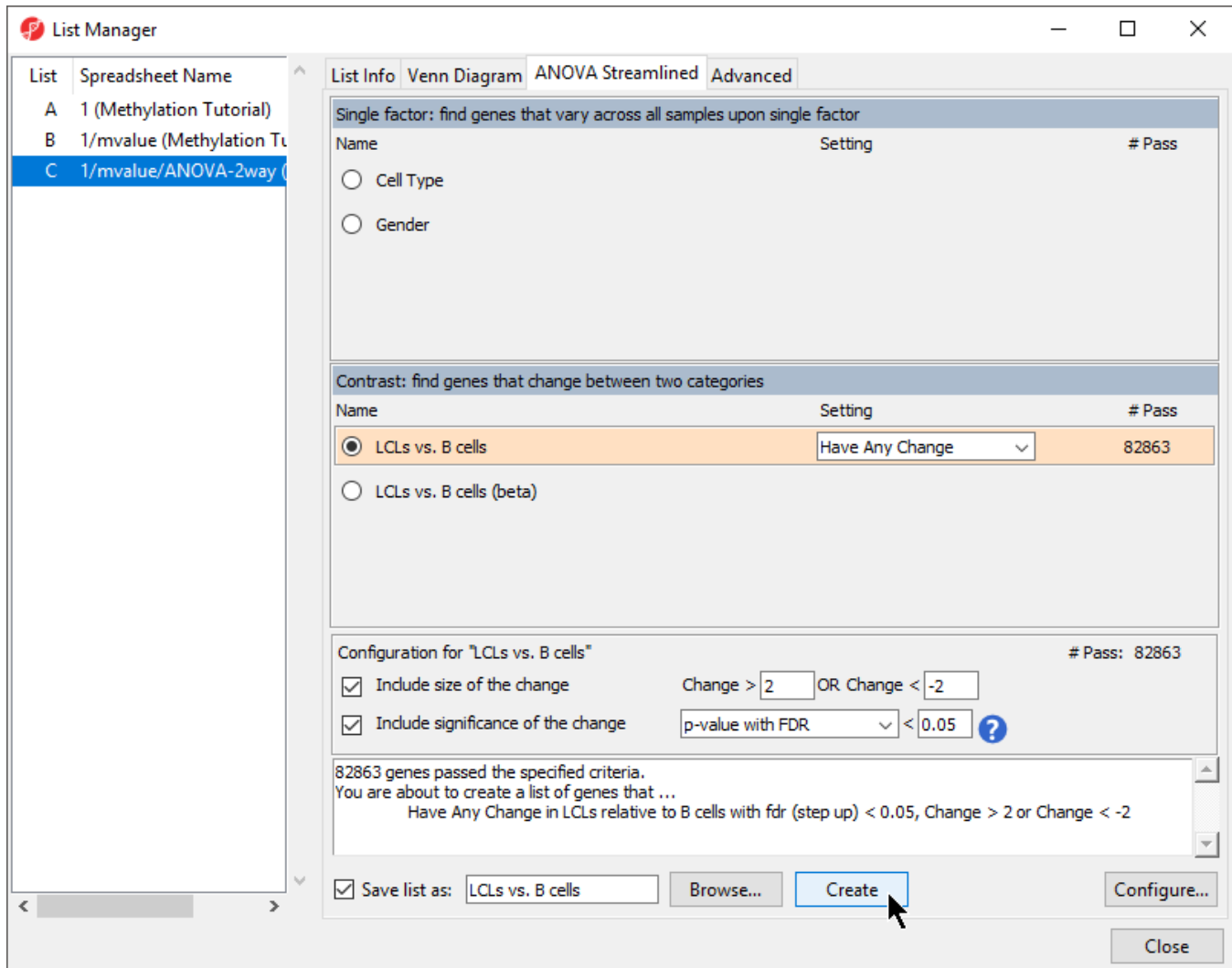- Select LCLs vs. B cells (Figure 1)

Figure 1. Creating a list of significantly differentially methylated loci

- Leave **Include size of the change** selected and set to *Change > 2 OR Change < -2*
- Leave **Include significance of the change** selected and set to **p-value with FDR < 0.05**
- Select **Create**
- Select **Close** to exit the list manager

The new spreadsheet *LCLs vs. B cells (LCLs vs. B cells)* will open in the Analysis tab.

It is best practice to occasionally save the project you are working on. Let's take the opportunity to do this now.

- Select **File** from the main command toolbar
- Select **Save Project...**
- Specify a name for the project, we chose *Methylation Tutorial*, using the *Save File* dialog
- Select **Save** to save the project

Saving the project saves the identity and child-parent relationships of all spreadsheets displayed in the spreadsheet tree. This allows us to open all relevant spreadsheets for our analysis by selecting the project file.

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: ★★★★★ 34 rates