Tutorials

General Functionality

How do I plot gene expression for a single gene?

How do I see the expression patterns of multiple genes at once?

How do I find out if my gene(s) of interest are differentially regulated across life stages?

Expression Plots and Tables

What do the individual filled circle icons indicate?

What do the box and whiskers indicate?

How do I save these plots?

Can I download the actual data values used to make the plots?

What does the “Download Data as Excel” button do?

What do the heatmap colors indicate?

What is a row-scaled Z score?

What is the meaning of the numbers in the x-axis label of the heatmap?

What do the black lines on the top and right of the heatmap indicate?

Differential Gene Expression Analysis

What does the “correct for multiple comparisons” checkbox mean? Should I check it?

When picking a Contrast group in the Pick Life Stage Comparisons panel, what is the difference between All Others (separately) and All Others (one group)?

What does the Volcano Plot show me?

What are the black dots on the volcano plot?

Can I download the data used to make the volcano plot?

Q&A