

Creating Plots and Making Gates:

1. Creating Plots:

Multiple plots can be created for each sample collected.

Click on one of the plot icons to display plot: Density, Dot or Histogram.

2. Gating Tools:

Gate button: Opens the Change Gating dialog box for applying gates to plots

Gating types: Used for drawing types of gates to specify areas within a plot to designate a set of events to analyze.

3. Applying a Gate to a Plot:

Click on the GATE button at the top of the plot to which you want the gate applied.

Include Icon: to analyze the events within the region.

Exclude Icon: to analyze the events outside the region.

Intersection Icon: to analyze the events within the intersection of two or more regions.

Click the Apply button to display the events selected.

4. Creating and Applying Nested Gates:

Create a series of nested gates in which each gate is a subset of the previous one.

Draw any region or marker around a population of events.

Click on the GATE Button in a second plot and apply the gate. This is the parent gate.

Close the dialog box. The plot displays only the populations within the parent gate.

In the plot that is gated on the parent gate draw a second region or maker around a subset of the population displayed.

Open a third plot and click the GATE button.

In the Change Gating dialog box, select the option in which the second gate is "in" the parent gate. Do not select the "on all events" option.

Apply the gate. This is the child gate.

View the statistics in the Statistics Table.

5. Changing the Number of Events in a Plot:

Select Display->Events Display Settings.

To view all select "Show all events"

To view the first N events select Display first and type number in events collected field.

To view a specific percentage select Display first and type a percentage to view. Click apply.

6. Naming Plot Axes:

Axis labels in a plot can be renamed from the Collect or Analyze tab to identify the fluorochrome used in the sample.

Click on an axis label and select Rename Parameters from the pop-up menu.

7. Zooming on a Plot:

Basic Zoom: click on the Zoom Tool then click and drag the mouse in the plot to draw an area to zoom on. To zoom back out: click on the Expand Tool.