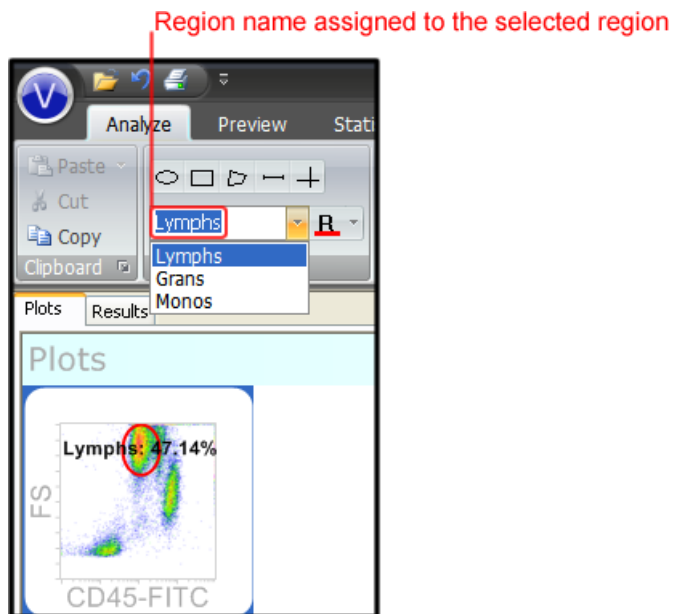


Region Name and Colour Assignment

Region Name Assignment

Once a region has been created a name is automatically generated using the region name algorithm, which finds the first unused letter from A to Z. If all letters (A-Z) are used, it finds the first unused duplicate-letter from AA-AZ etc. If a region is deleted the letter is re-used as the next available name.

The assigned name is displayed on the plot, adjacent to the region. When the region is selected the name is displayed in the combo box, positioned in the **Region** group. Click the combo-box drop-down menu arrow to list a selection of default common region names (Lymphs, Grans and Monos), as illustrated below:



A region name can be selected from this list and applied to the selected region. The name on the plot and the name displayed in the combo box are updated accordingly.

This drop-down list can be modified through the **VenturiOne Options** dialog.

One region naming algorithm exists for all the plots. Region names are case insensitive and duplicate names are not permitted.

A minimum of one and a maximum of fifty characters are allowed for the region name. The following characters are not allowed:

- + / * ^ ! & | () ”

Additionally, the use of gate operators AND OR NOT XOR UNGATED are not allowed.

Leading and trailing spaces are trimmed and double spaces are not accepted.

Once a name is assigned to a region, the name is displayed on the relevant plots.

Selected region names can be changed using the combo box as outlined below:

- Click the name displayed in the combo box and overwrite with the desired region name.
- Press the **Enter** button to accept the name change.
- The relevant plots and the name displayed in the combo box are updated accordingly.

The names must have no double spaces and the leading/trailing spaces are trimmed.

! Ensure that the entered region names are visually different to avoid confusion when analyzing multiple regions.

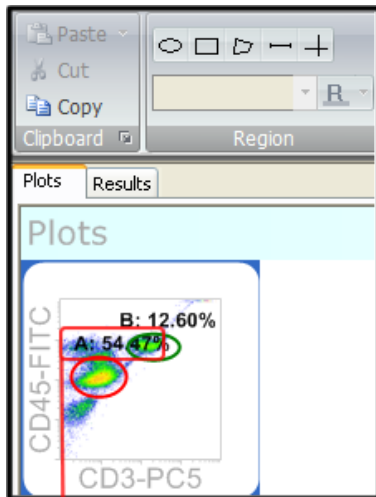
Avoid applying long region names. If a name is too long, the region label will not be displayed on the plot.

If no region is selected, the combo box is disabled.

Region Name Repositioning

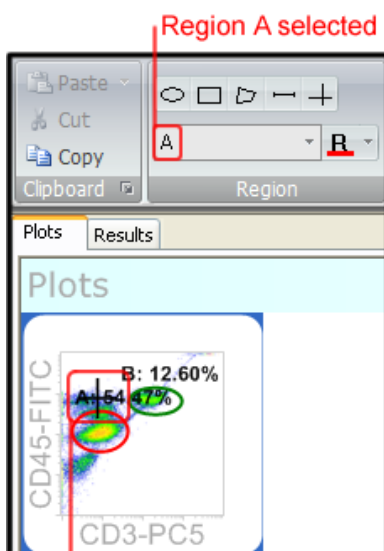
The region name displayed on the plot can be repositioned to allow the visualization of closely placed regions as illustrated below:

Region name A overlaps region name B and is therefore difficult to visualize.



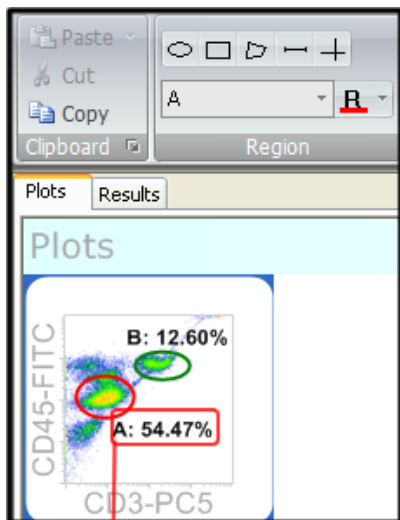
Region name to be re-positioned

To reposition the Region name A, select the region and drag the name to a new position, as indicated by the cursor.



Cursor placed over region name and dragged to new position

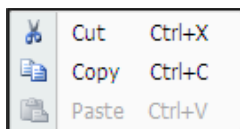
Both region names are now clearly visualized on the plot.



Repositioned region name

Quadrant region names cannot be moved in this manner.

Right click on the region name text box to display the following dialog:



The selected region name can be cut by clicking the **Cut** option and copied by clicking the **Copy** option. Additionally, a name copied onto the clipboard can be pasted into the region name box by clicking the **Paste** option.

Region Color Assignment

There is a set of ten predefined region colors within the software:

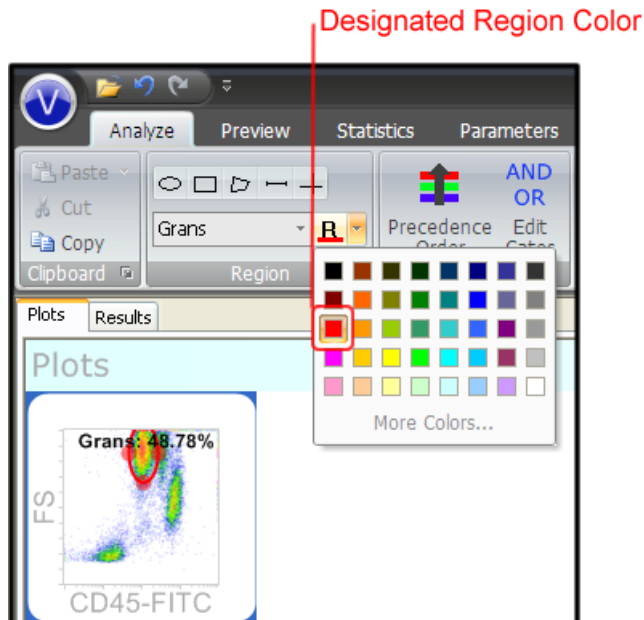
- Red 1st gate, 11th gate, 21st gate, etc
- Green 2nd gate, 12th gate, 22nd gate, etc
- Blue 3rd gate, 13th gate, 23rd gate, etc
- Light Orange 4th gate, 14th gate, 24th gate, etc
- Turquoise 5th gate, 15th gate, 25th gate, etc
- Pink 6th gate, 16th gate, 26th gate, etc
- Dark Red 7th gate, 17th gate, 27th t gate, etc
- Light Blue 8th gate, 18th gate, 28th gate, etc
- Brown 9th gate, 19th gate, 29th gate, etc
- Bright Green 10th gate, 20th gate, 30th gate, etc

When a new color is requested for a region, the current color displayed in the index is used, and the index incremented accordingly. When the index passes the end of the table, the 10-color index is re-used.

Changing Region Color

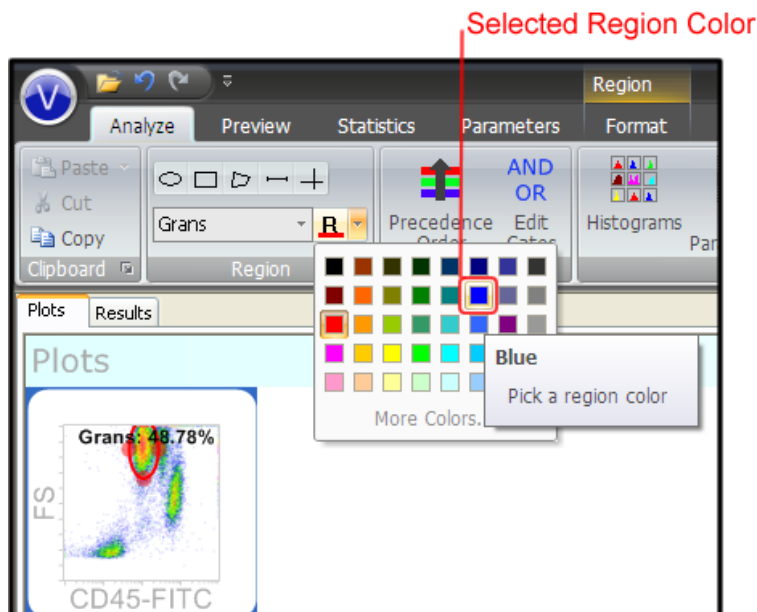
The designated color, of the currently selected region, can be changed using the region color drop-down button.

To change a region color, select the desired region and click the color drop-down button, positioned in the **Region** group, as illustrated in the figure below:

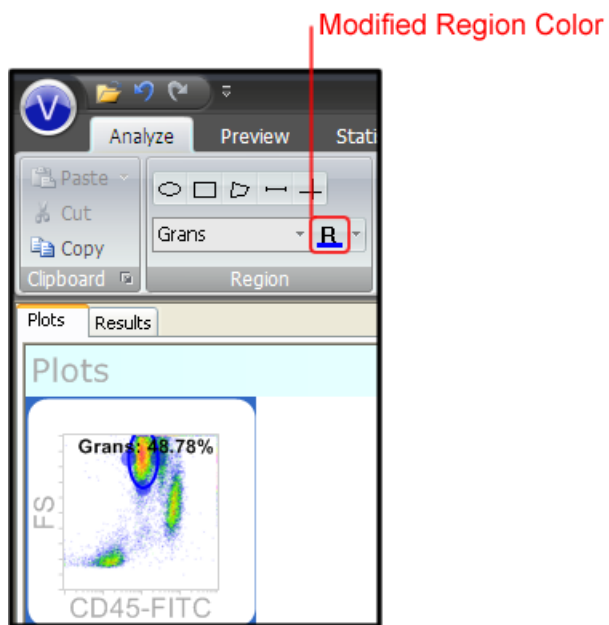


The designated region color (red in this example) is highlighted.

Click the desired color from the color index. Blue is selected for the created region in the example illustrated below:



The region color is modified, as illustrated below:



Avoid designating white as a region color which will be hidden by the plot background.

If no region is selected, the button is disabled.

The **More Colors...** option is disabled for this drop-down menu.