



Free and open-source bio image analysis
download at <http://icy.bioimageanalysis.org>

Search: Direct access to functionalities or plugins through search bar



Application menu
open, save, close...

Preferences
 Multi-Window mode
 Plugin management
 Window management

double click in the background: attach/detach inspector.

Sequence Layer ROI **Filter rois by name** ROI

| Name | Posit... | Posit... | Area |
|-------------|----------|----------|--------------|
| Rectangle2D | 111 | 37 | 0.017767 mm2 |
| Ellipse2D | 208 | 204 | 0.0108 mm2 |
| Poly... | 152 | 182 | 0.01585 mm2 |

ROI name
double click to edit

ROI infos
Click to customize columns display

Excel/CSV export

Copy/paste operations

Boolean operations
Union, subtraction...

Perimeter
 Surface Area
 Volume
 Min Intensity
 Mean Intensity
 Max Intensity
 Std Deviation

Lookup Table **Histogram and colormap**

Refresh Auto bounds log linear

Left (blue) and right (red) bounds define the visible range of the histogram. Double click for manual edition

False color map edition. Click and drag on a line to create a new control point (white is opacity).

Select predefined colormap

Channel selector
Click to select a channel LUT
Tick to toggle display

ch 0 ch 1 ch 2

To install a plugin, type its name in the search bar

Help

Esc

Duplicate view

Externalise viewer

Viewer synchronization group
Use Shift to apply to all viewers

Undo/Redo Operation
Ctrl+Z: Undo last operation
Ctrl+Y: Redo last undoes operation

Copy/Paste Operation
Ctrl+C: Copy active image/ROI
Ctrl+V: Paste new image/ROI

Views organization
Shift-G: Grid
Shift-H: Horizontal
Shift-V: Vertical

Display/Hide layers

Navigate in Z and T dimension

Print Scrn Scroll Pause
SysRq Lock Break

Insert Home Page Up
Delete End Page Down

Lock
7 8 9
Home PgUp
4 5 6
← →
1 2 3
End PgDn
0 . Enter
Ins Del

Num Lock Caps Lock Scroll Lock

ROI (Region of interest)

| | |
|-------------------------|---------------------|
| Left Click | Select ROI |
| Ctrl + Left Click | Multi-Select ROI |
| Left Drag | Move ROI |
| Delete / Backspace | Delete selected ROI |
| Escape | Unselect ROI |
| Ctrl + arrow keys | Set ROI position |
| Ctrl + Alt + arrow keys | Set ROI size |

ROI Polygon

| | |
|--------------------|------------------|
| Ctrl + Left Click | Insert a point |
| Left drag on point | Move point |
| Delete on point | Remove the point |
| Delete / Backspace | Delete ROI |

ROI Area

| | |
|------------|------------------------------|
| Left drag | Draw mask |
| Right drag | Erase mask |
| NumPad +/- | Increase/decrease brush size |

| Canvas | 2D | 3D vtk |
|------------|--------------------------------|----------------|
| Left drag | Translate | Rotate |
| Right drag | Rotate | Translate |
| Mousewheel | Zoom | Zoom |
| R | Reset camera view | |
| Shift + R | Reset camera view and colormap | |
| S | -- | Surface view |
| W | -- | Wireframe view |

ver 1.6.1.0