Guide to Creating the Polygon Region of Interest (ROI)

The polygon ROI supports the following interactivity, including keyboard shortcuts. Notes especially important to the musc_thresh.m program are highlighted or color-coded.

Behavior	Keyboard Shortcut	
Finish Drawing (Close) the ROI	Position the pointer over the fire	st vertex and click.
	Double-click . Adds a new verter and draws a line to the first verter	
	Press Enter . Adds a new vertex and draws a line to the first vert	
	Right-click . Does not add a new polygon from the previous verte	
Add a New Vertex to the ROI	Position the pointer over the edgand select Add Vertex from the	
	Position the pointer over the educick. (WILL ALSO FINISH D	
Remove the Most Recently Added Vertex but Keep Drawing	Press Backspace . The function previous vertex to the current per can only back up to the first ver	osition of the pointer. You
Resize (Reshape) the ROI CAN ONLY DO THIS ONCE THE POLYGON IS CLOSED!	Position the pointer over a verte	ex and then click and drag.
	Add a new vertex to the polygo	_
	Remove a vertex. The ROI redr the two neighboring vertices.	aws the line connecting
Cancel Drawing the ROI PLEASE DO NOT DO THIS!	Press Esc . The function returns empty Position field.	a valid ROI object with an
	You will have to start the prograpress Esc!	am over! Please do NOT
Delete the ROI PLEASE DO NOT DO THIS!	Position the pointer on the ROI. Delete Polygon from the context	
	You will have to start the progradelete the ROI!	am over! Please do NOT

For further help, look at *help images.roi.Polygon* or *help drawpolygon* on MATLAB or online at https://www.mathworks.com/help/images/ref/images.roi.polygon.html

Notes:

- 1. The cursor changes to a circle near a vertex to allow for repositioning or deleting that vertex.
- 2. A right click brings up a menu for adding/deleting vertices (and the ROI).