

The region of interest panel is the main interface to draw and associate binary masks to existing movie databases. Region of interests are saved as binary masks as TIFF files on disk. Note that only one region of interest can be attached to a movie database.

Region of interest

Channels:

This list box allows you to select the channel of the movie to use for visualizing and overlaying the region of interest.

Frame:

This edit box/slider allows you to select the frame of the movie to use for visualizing and overlaying the region of interest.

Draw region of interest:

This button allows the user to create a new region of interest. The region of interest drawing tool is based on MATLAB impoly function. If a region of interest has already been drawn and unsaved, this operation will clear the existing region.

Advanced options

Create child movie associated with the selected region of interest:

This checkbox allows the user to create a child movie and associate the selected region of interest to this child movie rather than the current movie. The newly created movie will inherit all the metadata and analysis from the parent. Child movies are linked to their parent movies, meaning they are saved together on disk and are maintained in synchronization.

Select path:

This button allows the user to select the output directory for the new child movie

Cancel:

This button cancels the current operation and returns to the main selection interface.

Save:

Once the region of interest is correctly defined, this button allows you to save the binary mask as a TIFF file under the output directory and associate it with the current movie (or create a child movie).