SPARC Segmentation Conversion: Binary mask tracings to MBF XML

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SPARC

ABSTRACT

Convert binary mask tracings from Nikon's NIS Elements software into MBF XML format.

MATERIALS

NAME	CATALOG #	VENDOR
Neurolucida 360 Software	View	MBF Bioscience

Conversion

1 Launch Neurolucida 360.

2 Open binary mask tracings (.tif) into program window.

3 Add subject metadata and select criteria for anatomic term list in the SPARC Vocabulary Services welcome dialog.

4 Choose the approrpiate vocabulary term from the contour selection toolbar.

5 Select the Outline Objects icon from the Trace ribbon.

6 Click on a black or white pixel on the binary mask tracings to automatically contour the representative object. Repeat until all objects are contoured.

7 Save file as XML.