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SPARC Segmentation Conversion: Binary mask tracings to MBF XML

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1 Works for me [dx.doi.org/10.17504/protocols.io.bchjit4n](https://doi.org/10.17504/protocols.io.bchjit4n)

SPARC

ABSTRACT

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

MATERIALS

NAME ▾

Neurolucida 360 Software

CATALOG # ▾

[View](#)

VENDOR ▾

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 appropriate 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.



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