



NOV 14, 2023

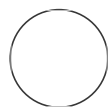
## Visualign Transformation

In 1 collection

Michael X. Henderson<sup>1</sup>

<sup>1</sup>Van Andel Institute

Michael X. Henderson: ORCID: 0000-0001-9710-0726



Maria Matos  
Yale University

### ABSTRACT

This protocol describes visualign transformation.

### ATTACHMENTS

[812-2118.pdf](#)

OPEN ACCESS



#### DOI:

[dx.doi.org/10.17504/protocols.io.5qpvo38odv4o/v1](https://dx.doi.org/10.17504/protocols.io.5qpvo38odv4o/v1)

**Protocol Citation:** Michael X. Henderson 2023. Visualign Transformation. **protocols.io** <https://dx.doi.org/10.17504/protocols.io.5qpvo38odv4o/v1>

**License:** This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

**Protocol status:** Working  
We use this protocol and it's working

**Created:** Aug 16, 2023

**Last Modified:** Nov 14, 2023

**PROTOCOL integer ID:**  
90664

**Funders**

**Acknowledgement:**

National Institute on Aging  
Grant ID: R01-AG077573

Aligning Science Across  
Parkinson's  
Grant ID: ASAP-020616

## Visualign Transformation

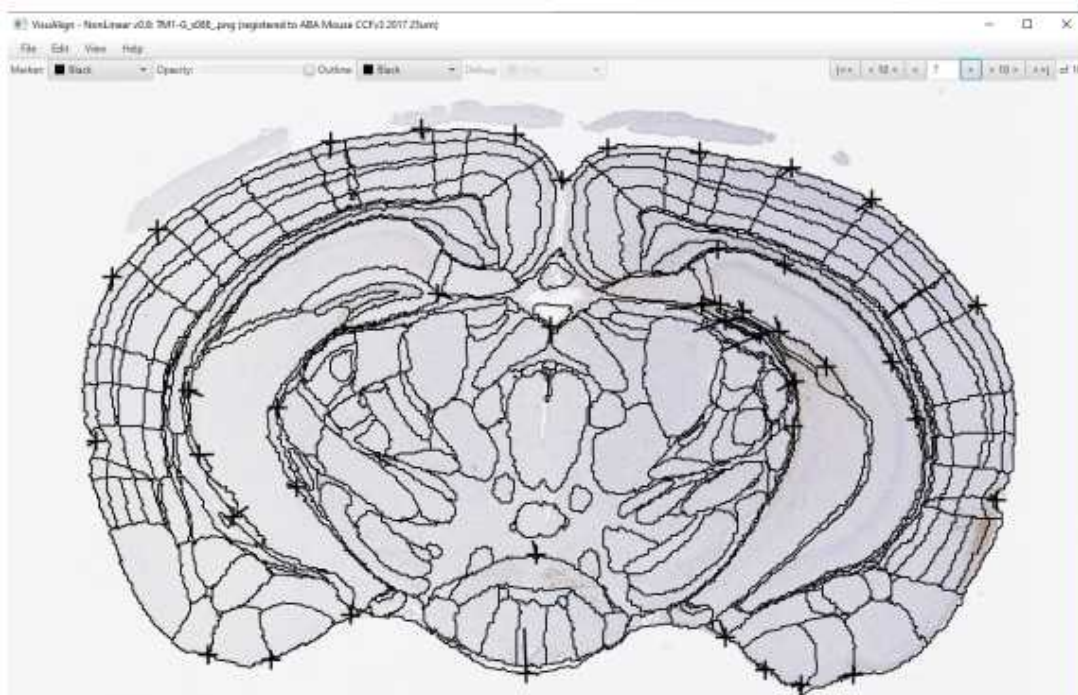
- 1 Open Visualign program from folder on the desktop.
- 2 File > Open > select "**QuickN JSON**" you created in QuickNII.
- 3 Drag the opacity bar all the way to the right to where it says outline, and you will have all outlined regions displayed. This is the easiest format for transformation.
- 4 Align all regions properly.
  - 4.1 Hover over an atlas region.
  - 4.2 Click the **SPACE** bar.
  - 4.3 Drag the cross symbol to the correct location.

- 4.4 Crosses can be moved at any point. They can also be deleted by hovering over them and clicking **Delete** on the keyboard.

**Note**

**Tip:** start with outer alignments before moving onto inner.

- 5 Click the < and > arrows at the top right to navigate between sections. There is no need to “Store” these as in QuickNII. See a finished section below.



- 6 Once completed, click **File > Save As** > save “**Visualign JSON**” in the QVN folder. This can be opened again to continue aligning later.
- 7 To convert into a flat file, click **File > Export**, navigate to the **Atlas** folder and click “Select Folder”. This will export the files needed for **Nutil**.