

Nov 14, 2023

## Visualalign Transformation

 In 1 collection

DOI

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

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

<sup>1</sup>Van Andel Institute

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



**Michael Henderson**

Van Andel Research Institute

### Create & collaborate more with a free account

Edit and publish protocols, collaborate in communities, share insights through comments, and track progress with run records.

Create free account

OPEN  ACCESS



DOI: <https://dx.doi.org/10.17504/protocols.io.5qpvo38odv4o/v1>

**Protocol Citation:** Michael X. Henderson 2023. Visualalign 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:** August 16, 2023

**Last Modified:** May 31, 2024

**Protocol Integer ID:** 90664

**Keywords:** ASAPCRN, visualign transformation this protocol, visualign transformation, visualign, protocol

**Funders Acknowledgements:**

**National Institute on Aging**

Grant ID: R01-AG077573

**Aligning Science Across Parkinson's**

Grant ID: ASAP-020616

## Abstract

This protocol describes visualign transformation.

## Attachments



[812-2118.pdf](#)

4.6MB

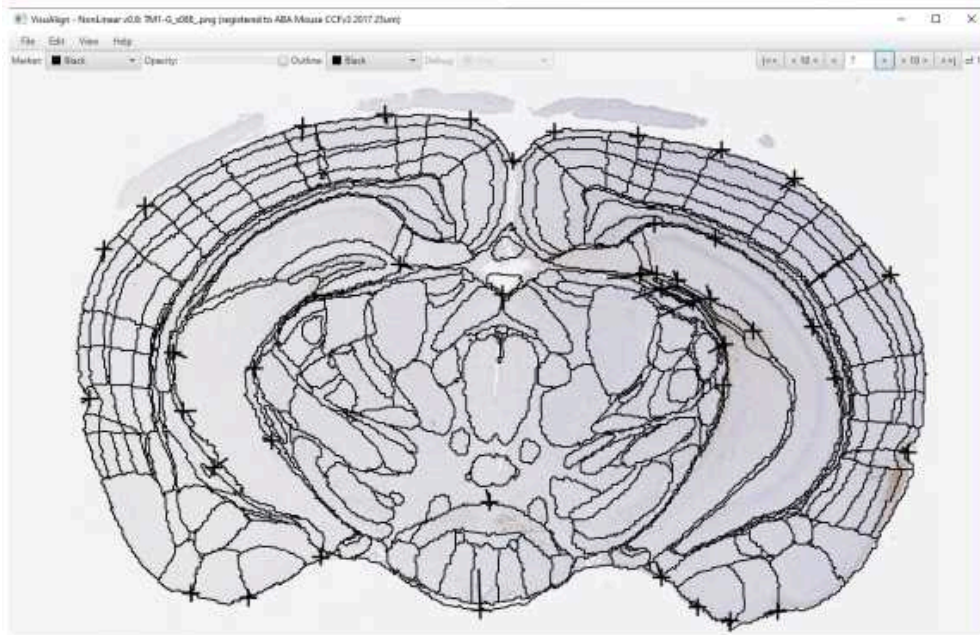
## Troubleshooting



## 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 "**Visualalign 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**.