

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 12, 2026

Ir-tweak

RRID:SCR_014639

Type: Tool

Proper Citation

Ir-tweak (RRID:SCR_014639)

Resource Information

URL: <http://www.sci.utah.edu/download/ncrtoolset>

Proper Citation: Ir-tweak (RRID:SCR_014639)

Description: Interactive software application used for manual image registration (e.g., aligning, scaling, warping) of ssLM and ssTEM images. Users place control points in one image, and these points' locations are predicted on a moving or warped second image. Transform parameters are updated once the user adjusts and corrects the predicted points on the second image.

Synonyms: ir-tweak

Resource Type: data processing software, image processing software, software application, software resource

Defining Citation: [DOI:10.1371/journal.pbio.1000074](https://doi.org/10.1371/journal.pbio.1000074)

Keywords: image registration, software, sslm, sstem, manual registration, moving image, warped image, align image, scale image

Availability: Free, Available for download

Resource Name: Ir-tweak

Resource ID: SCR_014639

License URLs: <http://www.utah.edu/disclaimer/>

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260912T195820+0000

Ratings and Alerts

No rating or validation information has been found for Ir-tweak.

No alerts have been found for Ir-tweak.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Yarch J, et al. (2019) Morphological Cell Types Projecting from V1 Layer 4B to V2 Thick and Thin Stripes. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(38), 7501.

Yarch J, et al. (2017) Local Circuits of V1 Layer 4B Neurons Projecting to V2 Thick Stripes Define Distinct Cell Classes and Avoid Cytochrome Oxidase Blobs. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(2), 422.

Anderson JR, et al. (2011) Exploring the retinal connectome. Molecular vision, 17, 355.

V??zquez-Chona FR, et al. (2011) Proliferative reactive gliosis is compatible with glial metabolic support and neuronal function. BMC neuroscience, 12, 98.