Free-D

RRID:SCR_009578
Type: Tool

Proper Citation

Free-D (RRID:SCR_009578)

Resource Information

URL: http://free-d.versailles.inra.fr/html/freed.html

Proper Citation: Free-D (RRID:SCR_009578)

Description: Free-D allows the reconstruction of 3D models from image stacks (segmentation, registration, surface reconstruction, 3D rendering). It is designed in the goal of non-linear spatial normalization and averaging of collections of individual 3D models (this module is currently in alpha version only and not included in the distributed version).

Abbreviations: Free-D

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

Defining Citation: PMID:15922039

Keywords: magnetic resonance

Funding:

Availability: Free for academic research or teaching purposes, Registration requested, Acknowledgement required

Resource Name: Free-D

Resource ID: SCR_009578

Alternate IDs: nlx_155760

Alternate URLs: http://www.nitrc.org/projects/incf_free-d

Record Creation Time: 20220129T080253+0000

Record Last Update: 20250410T065846+0000

Ratings and Alerts

No rating or validation information has been found for Free-D.

No alerts have been found for Free-D.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 27 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Wang C, et al. (2024) Multiplexing of temporal and spatial information in the lateral entorhinal cortex. bioRxiv : the preprint server for biology.

Stoll FM, et al. (2024) Decision-making shapes dynamic inter-areal communication within macaque ventral frontal cortex. bioRxiv : the preprint server for biology.

Keller D, et al. (2024) Non-random spatial organization of telomeres varies during the cell cycle and requires LAP2 and BAF. iScience, 27(4), 109343.

Wang C, et al. (2024) Multiplexing of temporal and spatial information in the lateral entorhinal cortex. Nature communications, 15(1), 10533.

Stoll FM, et al. (2024) Dissociable representations of decision variables within subdivisions of macaque orbitofrontal and ventrolateral frontal cortex. bioRxiv : the preprint server for biology.

Stoll FM, et al. (2024) Preferences reveal dissociable encoding across prefrontal-limbic circuits. Neuron, 112(13), 2241.

Stoll FM, et al. (2024) Decision-making shapes dynamic inter-areal communication within macaque ventral frontal cortex. Current biology : CB, 34(19), 4526.

Stoll FM, et al. (2023) Preferences reveal separable valuation systems in prefrontal-limbic circuits. bioRxiv : the preprint server for biology.

Baxi AB, et al. (2023) Time-resolved quantitative proteomic analysis of the developing Xenopus otic vesicle reveals putative congenital hearing loss candidates. iScience, 26(9), 107665.

Beuker C, et al. (2022) Stroke induces disease-specific myeloid cells in the brain parenchyma and pia. Nature communications, 13(1), 945.

Xiao G, et al. (2022) IL-17/CXCL5 signaling within the oligovascular niche mediates human and mouse white matter injury. Cell reports, 41(12), 111848.

Washausen S, et al. (2021) Responses of Epibranchial Placodes to Disruptions of the FGF and BMP Signaling Pathways in Embryonic Mice. Frontiers in cell and developmental biology, 9, 712522.

Züchner M, et al. (2021) How to generate graded spinal cord injuries in swine - tools and procedures. Disease models & mechanisms, 14(8).

Haddad-Tóvolli R, et al. (2020) Pro-opiomelanocortin (POMC) neuron translatome signatures underlying obesogenic gestational malprogramming in mice. Molecular metabolism, 36, 100963.

Quintana-Urzainqui I, et al. (2020) The role of the diencephalon in the guidance of thalamocortical axons in mice. Development (Cambridge, England), 147(12).

Shah AM, et al. (2020) Six1 proteins with human branchio-oto-renal mutations differentially affect cranial gene expression and otic development. Disease models & mechanisms, 13(3).

Hayashi T, et al. (2020) Macaques Exhibit Implicit Gaze Bias Anticipating Others' False-Belief-Driven Actions via Medial Prefrontal Cortex. Cell reports, 30(13), 4433.

Adamo M, et al. (2020) Integrating Multiple Lines of Evidence to Explore Intraspecific Variability in a Rare Endemic Alpine Plant and Implications for Its Conservation. Plants (Basel, Switzerland), 9(9).

Züchner M, et al. (2019) Development of a Multimodal Apparatus to Generate Biomechanically Reproducible Spinal Cord Injuries in Large Animals. Frontiers in neurology, 10, 223.

Moukhtar J, et al. (2019) Cell geometry determines symmetric and asymmetric division plane selection in Arabidopsis early embryos. PLoS computational biology, 15(2), e1006771.