NeuroMorpho.Org
RRID:SCR_002145
Type: Tool

Proper Citation

NeuroMorpho.Org (RRID:SCR_002145)

Resource Information

URL: http://neuromorpho.org/index.jsp

Description: Centrally curated inventory of digitally reconstructed neurons associated with peer-reviewed publications that contains some of the most complete axonal arborizations digitally available in the community. Each neuron is represented by a unique identifier, general information (metadata), the original and standardized ASCII files of the digital morphological reconstruction, and a set of morphometric features. It contains contributions from over 100 laboratories worldwide and is continuously updated as new morphological reconstructions are collected, published, and shared. Users may browse by species, brain region, cell type or lab name. Users can also download morphological reconstructions for research and analysis. Deposition and distribution of reconstruction files ultimately prevents data loss. Centralized curation and annotation aims at minimizing the effort required by data owners while ensuring a unified format. It also provides a one-stop entry point for all available reconstructions, thus maximizing data visibility and impact.

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Resource Type: Resource, service resource, data or information resource, data repository, storage service resource, database

Keywords: neuron, morphological reconstruction, morphometry, axonal arborization, digital neuronal reconstruction, neuronal reconstruction, neuronal morphology, data sharing, annotation, brain region, neocortex, digital reconstruction, neurogenetics, neurochemistry, neuroscience, neurology

Resource ID: SCR_002145
Parent Organization: George Mason University; Virginia; USA

Funding Agency: MURI, NINDS

Related resources: DONE: Detection of Outlier NEurons, NIF Literature, Computational Neurobiology and Imaging Center, Integrated Manually Extracted Annotation

References: PMID:17728438, PMID:16552417, PMID:18949582

Availability: Acknowledgement requested, Public, The community can contribute to this resource

Website Status: Last checked down

Alternate IDs: nif-0000-00006


Mentions Count: 48

Ratings and Alerts

No rating or validation information has been found for NeuroMorpho.Org.

No alerts have been found for NeuroMorpho.Org.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 48 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.


