

Resource Summary Report

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Virtual NeuroMorphology Electronic Database

RRID:SCR_007118

Type: Tool

Proper Citation

Virtual NeuroMorphology Electronic Database (RRID:SCR_007118)

Resource Information

URL: <http://krasnow1.gmu.edu/cn3/L-Neuron/database/>

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Description: A database of virtually generated anatomically plausible neurons for several morphological classes, including cerebellar Purkinje cells, hippocampal pyramidal and granule cells, and spinal cord motoneurons. It presently contains 542 cells. In the trade neurons collection the database contains an amaryl cell archive, neuron morpho reconstructions, and mouse alpha motoneurons. Their collection of generated neurons include motoneurons, Purkinje cells, and hippocampal pyramidal cells.

Synonyms: LN Database, L-Neuron Database

Resource Type: data or information resource, data set

Keywords: neuron, morphology, computational neuroanatomy, neuroanatomy, neuronal reconstruction, neuron model, purkinje cell, motor neuron, ca1, ca3, hippocampal pyramidal cell, axon, hippocampus, triceps surae

Funding: Human Brain Project ;
NINDS R01-NS39600-01

Availability: Acknowledgement requested

Resource Name: Virtual NeuroMorphology Electronic Database

Resource ID: SCR_007118

Alternate IDs: nif-0000-10546

Old URLs: <http://krasnow.gmu.edu/cn3/L-Neuron/database/> <http://krasnow1.gmu.edu/L-Neuron/L-Neuron/database/>

Record Creation Time: 20220129T080240+0000

Record Last Update: 20260808T190553+0000

Ratings and Alerts

No rating or validation information has been found for Virtual NeuroMorphology Electronic Database.

No alerts have been found for Virtual NeuroMorphology Electronic Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Parekh R, et al. (2013) Neuronal morphology goes digital: a research hub for cellular and system neuroscience. Neuron, 77(6), 1017.