

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 28, 2026

Dataset of dendritic spine neck lengths and head sizes

RRID:SCR_008955

Type: Tool

Proper Citation

Dataset of dendritic spine neck lengths and head sizes (RRID:SCR_008955)

Resource Information

URL: <http://neurogeometry.net/>

Proper Citation: Dataset of dendritic spine neck lengths and head sizes (RRID:SCR_008955)

Description: Data set of spine morphology parameters assembled from published literature published in Stepanyants, A. and Escobar, G., Statistical traces of long-term memories stored in strengths and patterns of synaptic connections, J Neuroscience, 31(21): 75797590 (2011). Data set is available as a pdf under the Resources tab.

Resource Type: data or information resource, data set

Defining Citation: [PMID:21613479](#)

Keywords: dendritic spine, morphology, spine shape

Resource Name: Dataset of dendritic spine neck lengths and head sizes

Resource ID: SCR_008955

Alternate IDs: nlx_152605

Record Creation Time: 20220129T080250+0000

Record Last Update: 20260728T043315+0000

Ratings and Alerts

No rating or validation information has been found for Dataset of dendritic spine neck lengths and head sizes.

No alerts have been found for Dataset of dendritic spine neck lengths and head sizes.

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 [SPARC SAWG](#) .

Gala R, et al. (2014) Active learning of neuron morphology for accurate automated tracing of neurites. Frontiers in neuroanatomy, 8, 37.