

Resource Summary Report

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WormGUIDES

RRID:SCR_013733

Type: Tool

Proper Citation

WormGUIDES (RRID:SCR_013733)

Resource Information

URL: <http://www.wormguides.org/home>

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Description: A worm atlas that provides an interactive 4D atlas of nuclear positions, from zygote until hatching which can be used to guide cell identification. The tools enable examination of the connectome during development from integrate knowledge of C. elegans embryogenesis to widely used resources, such as WormAtlas and WormBase.

Synonyms: Global Understanding in Dynamic Embryonic Systems

Resource Type: data or information resource, atlas

Keywords: embryogenesis, development, neural connectivity, diSPIM, 4d atlas, c elegans

Funding: NIH Office of the Director R24 OD016474

Availability: Free, Public, Requires Java

Resource Name: WormGUIDES

Resource ID: SCR_013733

Alternate IDs: SCR_014203

Alternate URLs: <https://orip.nih.gov/comparative-medicine/programs/invertebrate-models>, <http://www.wormguides.org/wormguides>

Record Creation Time: 20220129T080317+0000

Record Last Update: 20260729T044318+0000

Ratings and Alerts

No rating or validation information has been found for WormGUIDES.

No alerts have been found for WormGUIDES.

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 [PRECISE-TBI](#) .

Ohno H, et al. (2022) Small RNAs couple embryonic developmental programs to gut microbes. Science advances, 8(12), eabl7663.

Santella A, et al. (2022) Cross-modality synthesis of EM time series and live fluorescence imaging. eLife, 11.

Barnes KM, et al. (2020) Cadherin preserves cohesion across involuting tissues during C. elegans neurulation. eLife, 9.

Katzman B, et al. (2018) AceTree: a major update and case study in the long term maintenance of open-source scientific software. BMC bioinformatics, 19(1), 121.