

Resource Summary Report

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Octopus bimaculoides Histotomography Blueprint

RRID:SCR_027759

Type: Tool

Proper Citation

Octopus bimaculoides Histotomography Blueprint (RRID:SCR_027759)

Resource Information

URL: <https://cephalopod.team/histotomography/Octo9/>

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Description: Resource serves as a 'Digital Specimen' for Digital Organismal Biology, providing interactive Neuroglancer-based visualization and 3D segmentation masks for major organ systems, including the digestive, respiratory, vascular, and nervous systems. It specifically annotates novel neural tracts including the Intermediate Longitudinal Tracts (iLT) and Arm-to-Arm U-Tracts (AAUT) as well as ~300 additional tissue and organ level segmentations. Provides high-resolution (0.7 μ m isotropic), whole-organism microCT reconstruction of an intact hatchling Octopus bimaculoides.

Abbreviations: CephTeam_Octo9

Resource Type: portal, image, topical portal, data or information resource, 3d spatial image

Keywords: Octopus bimaculoides, microCT, histotomography, neuroanatomy, digital organismal biology, connectomics, whole-organism

Funding: ONR N00014-22-1-2208;
NIH Office of the Director R24OD018559;
NIH Office of the Director R24OD035407

Availability: Free, Freely available

Resource Name: Octopus bimaculoides Histotomography Blueprint

Resource ID: SCR_027759

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Record Last Update: 20260731T043245+0000

Ratings and Alerts

No rating or validation information has been found for Octopus bimaculoides Histotomography Blueprint.

No alerts have been found for Octopus bimaculoides Histotomography Blueprint.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.