Resource Summary Report

Generated by dkNET on May 21, 2025

VoxHunt

RRID:SCR_023829
Type: Tool

Proper Citation

VoxHunt (RRID:SCR_023829)

Resource Information

URL: https://quadbio.github.io/VoxHunt/

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Description: Software package for assessing brain organoid patterning, developmental state, and cell composition through systematic comparisons of single cell transcriptomes to three-dimensional in situ hybridization data from the Allen Brain Atlas and number of other useful reference datasets.

Resource Type: software resource, software toolkit, source code

Defining Citation: PMID:33711282

Keywords: Allen Developing Mouse Brain Atlas, Developing Human Brain Atlas, assessing brain organoid patterning, developmental state, cell composition,

Funding:

Availability: Free, Available for download, Freely available

Resource Name: VoxHunt

Resource ID: SCR_023829

Alternate URLs: https://github.com/quadbio/VoxHunt

License: MIT license

Record Creation Time: 20230721T050220+0000

Record Last Update: 20250521T061930+0000

Ratings and Alerts

No rating or validation information has been found for VoxHunt.

No alerts have been found for VoxHunt.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Bertacchi M, et al. (2024) FGF8-mediated gene regulation affects regional identity in human cerebral organoids. eLife, 13.

Patton MH, et al. (2024) Synaptic plasticity in human thalamocortical assembloids. Cell reports, 43(8), 114503.

Reumann D, et al. (2023) In vitro modeling of the human dopaminergic system using spatially arranged ventral midbrain-striatum-cortex assembloids. Nature methods, 20(12), 2034.