Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 17, 2025

Voxelation Map of Gene Expression in a Coronal Section of the Mouse Brain

RRID:SCR_008065
Type: Tool

Proper Citation

Voxelation Map of Gene Expression in a Coronal Section of the Mouse Brain (RRID:SCR_008065)

Resource Information

URL: http://vox.pharmacology.ucla.edu/home.html

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Description: Two-dimensional images of gene expression for 20,000 genes in a coronal slice of the mouse brain at the level of the striatum by using microarrays in combination with voxelation at a resolution of 1 cubic mm gene expression patterns in the brain obtained through voxelation. Voxelation employs high-throughput analysis of spatially registered voxels (cubes) to produce multiple volumetric maps of gene expression analogous to the images reconstructed in biomedical imaging systems.

Abbreviations: Voxelation Map of Gene Expression in a Coronal Section of the Mouse Brain

Resource Type: data or information resource, database, atlas

Defining Citation: PMID:17504947

Keywords: molecular neuroanatomy resource, gene expression, striatum, voxelation, gene, brain, coronal, microarray, adult mouse, male, c57bl/6j

Funding: Staglin Music Festival and NARSAD Young Investigator Award ;
Tobacco-Related Disease Research Program 11RT-0172;
Alzheimer's Association IIRG-02-3609;
NIDA RO1-DA-015802;
NINDS RO1-NS-050148

Resource Name: Voxelation Map of Gene Expression in a Coronal Section of the Mouse Brain

Resource ID: SCR_008065

Alternate IDs: nif-0000-10493

Record Creation Time: 20220129T080245+0000

Record Last Update: 20250516T053902+0000

Ratings and Alerts

No rating or validation information has been found for Voxelation Map of Gene Expression in a Coronal Section of the Mouse Brain.

No alerts have been found for Voxelation Map of Gene Expression in a Coronal Section of the Mouse Brain.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.