

Documentation

Documentation: Allen Cell Types Database

Document	Description
Overview	Overview of methods for the Cell Types database
Transcriptomics Overview	Description of methods for single cell RNA isolation and sequence analysis
Electrophysiology Overview	Description of methods for tissue processing, electrophysiology data acquisition, and analysis of intrinsic properties
Morphology and Histology Overview	Description of methods for histological staining, image acquisition, 3D reconstruction and structure-based categorization
Neuronal Models: GLIF	Description of the generalized leaky integrate-and-fire single-neuron models
Neuronal Models: Biophysical - Perisomatic	Description of the biophysically realistic, single-neuron models with passive dendrites and active soma (perisomatic)
Neuronal Models: Biophysical - All Active	Description of the biophysically realistic, single-neuron models with active conductances everywhere (all-active)
Mouse CCF, Reference Atlas, Version 3 (2017)	Overview of the design and implementation of the Allen Mouse Common Coordinate Framework
Acknowledgement of Collaborators	Recognition of collaborators and others who provided assistance
Case Qualification and Donors	Summary of tissue donor qualification process and information about each donor