Allen Mouse Brain Atlas

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This is the online help for the ALLEN Mouse Brain Atlas web application.

The Allen Mouse Brain Atlas is a genome-wide, cellular-resolution atlas of gene expression throughout the adult mouse brain.

KEY FEATURES:

- In situ hybridization data
  - Genome-wide coverage
  - Comprehensive anatomic coverage
  - Microscopic resolution down to the cellular level
  - Differential search for enhanced gene expression by structure
  - Correlation search for genes with similar spatial expression patterns

- AGEA tool for exploring transcriptome-based brain architecture and gene discovery

- Brain Explorer® 3-D viewer

- Anatomic reference atlases
  - Coronal and sagittal plates
  - High-resolution Nissl images
  - Structure ontology