

ALLEN Mouse Brain Connectivity Atlas

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This is the online help for the Allen Mouse Connectivity web application.

The Allen Mouse Brain Connectivity Atlas is a high-resolution map of neural connections in the mouse brain. Built on an array of transgenic mice genetically engineered to target specific cell types, the Atlas comprises a unique compendium of projections from selected neuronal populations throughout the brain.

KEY FEATURES:

[Projection Mapping](#) image data detailing axonal projections labeled by viral tracers

- Specific anatomic regions throughout the brain
- Intrinsic Signal Imaging for detailed Visual Area projection mapping
- Numerous defined neuronal populations
- Stacks of two-dimensional images obtained by serial two-photon tomography
- [BDA vs. AAV](#) for direct comparison of data derived from both conventional and viral tracing methods

[Transgenic Characterization](#) data detailing transgene expression in Cre or other driver lines

- Adult and developing brain
- Colorimetric *in situ* hybridization
- Fluorescent *in situ* hybridization
- Other histological methods

[Anatomic Reference](#)

- Histology
- Immunohistochemistry