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