

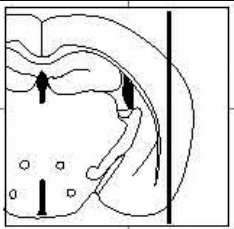
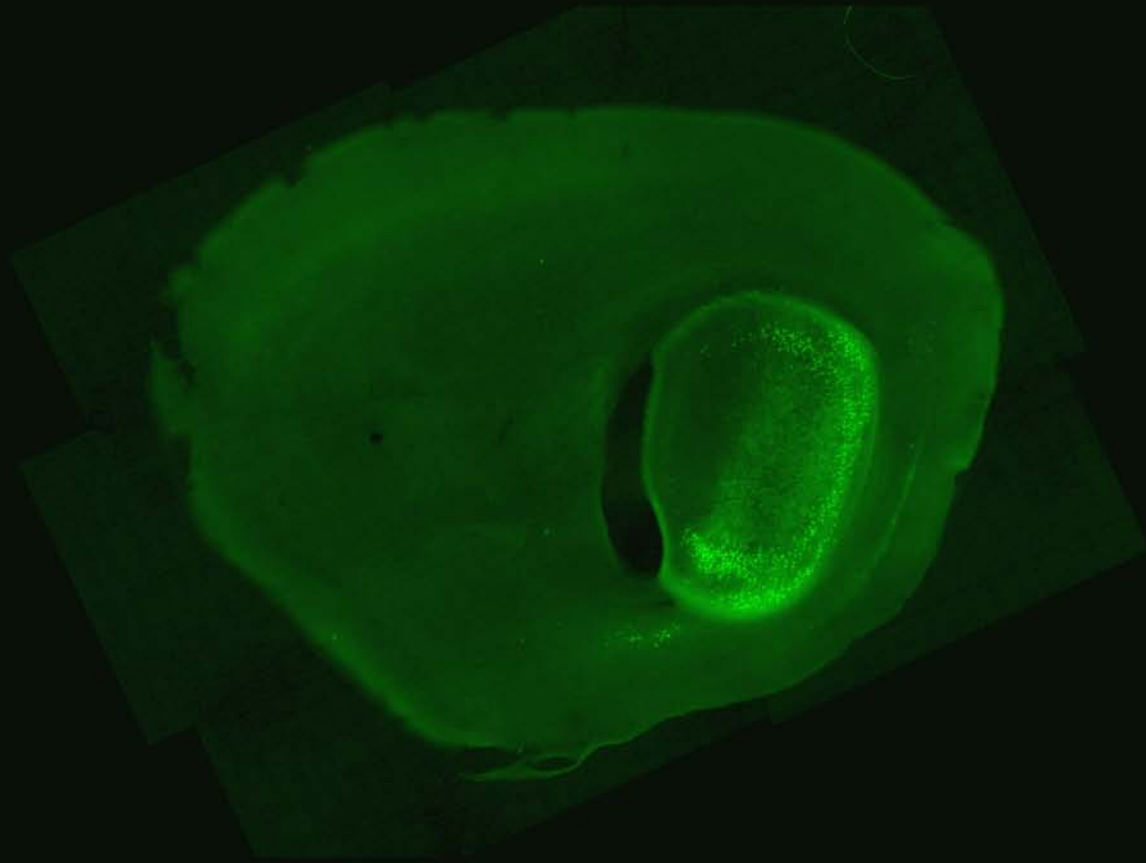
YFP fluorescence in sagittal brain sections from a SLICK-V transgenic mouse showing YFP labeling of subsets of neurons.

A-I. A series of eight sections spaced 300-500 μm apart. The lateral position of each section is indicated by the schematic in the lower left corner. Sections are from a female mouse aged 21 weeks with a C57/BL6 genetic background.

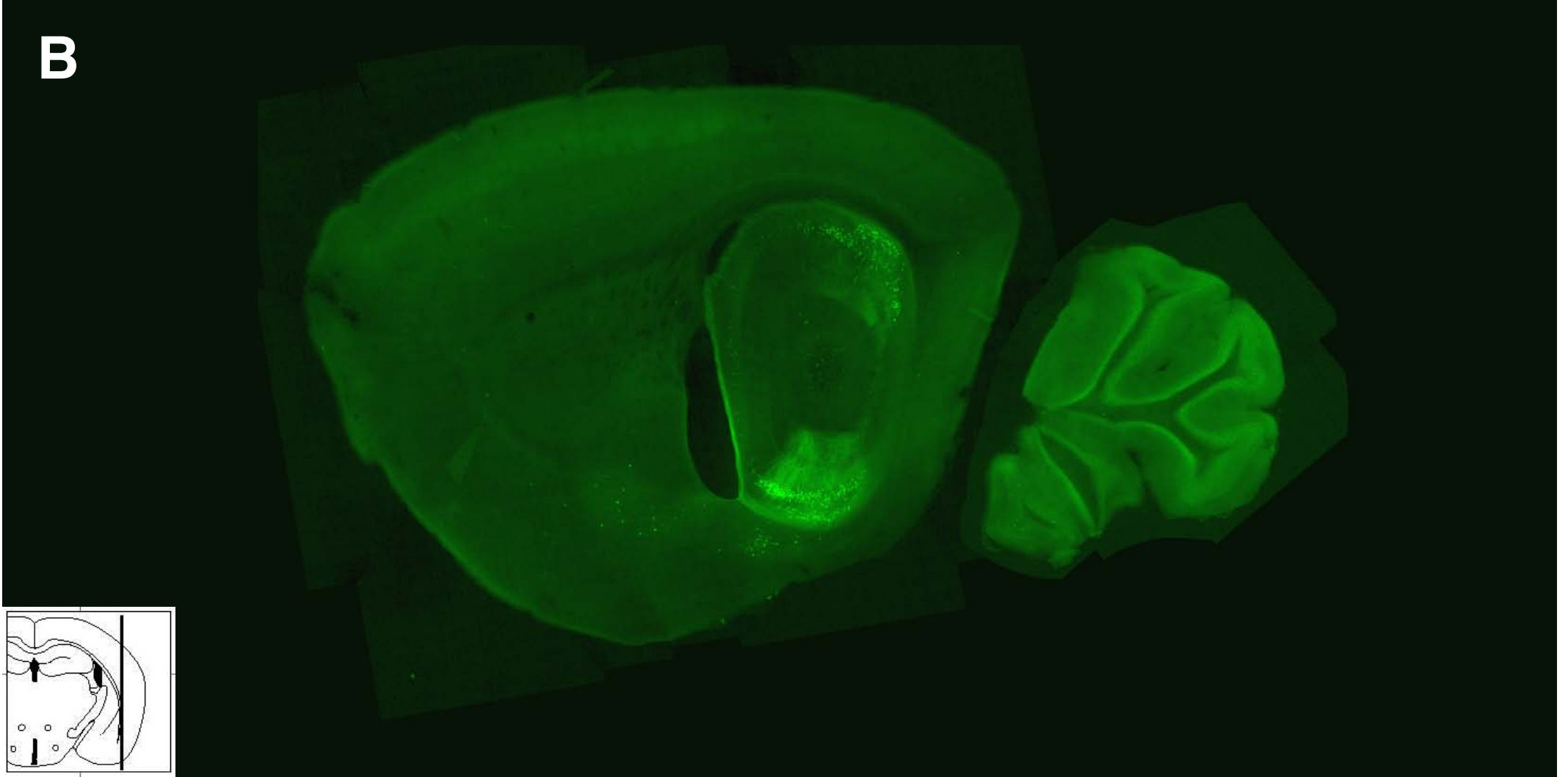
Methods

Mice were anesthetized and perfused through the heart, first with lactated Ringer's solution, then with 4% para-formaldehyde. 66 μm sections were cut using a vibrotome. Sections were dried onto gelatin coated slides, dehydrated in increasing concentrations of ethanol, allowed to dry, cleared twice in Xylene and mounted using Krystalon mounting medium (Merck). YFP fluorescence was imaged on an Olympus Provis AX 70 upright microscope using a 4x objective. Whole brain montages were generated using the Photomerge function in the Photoshop software package.

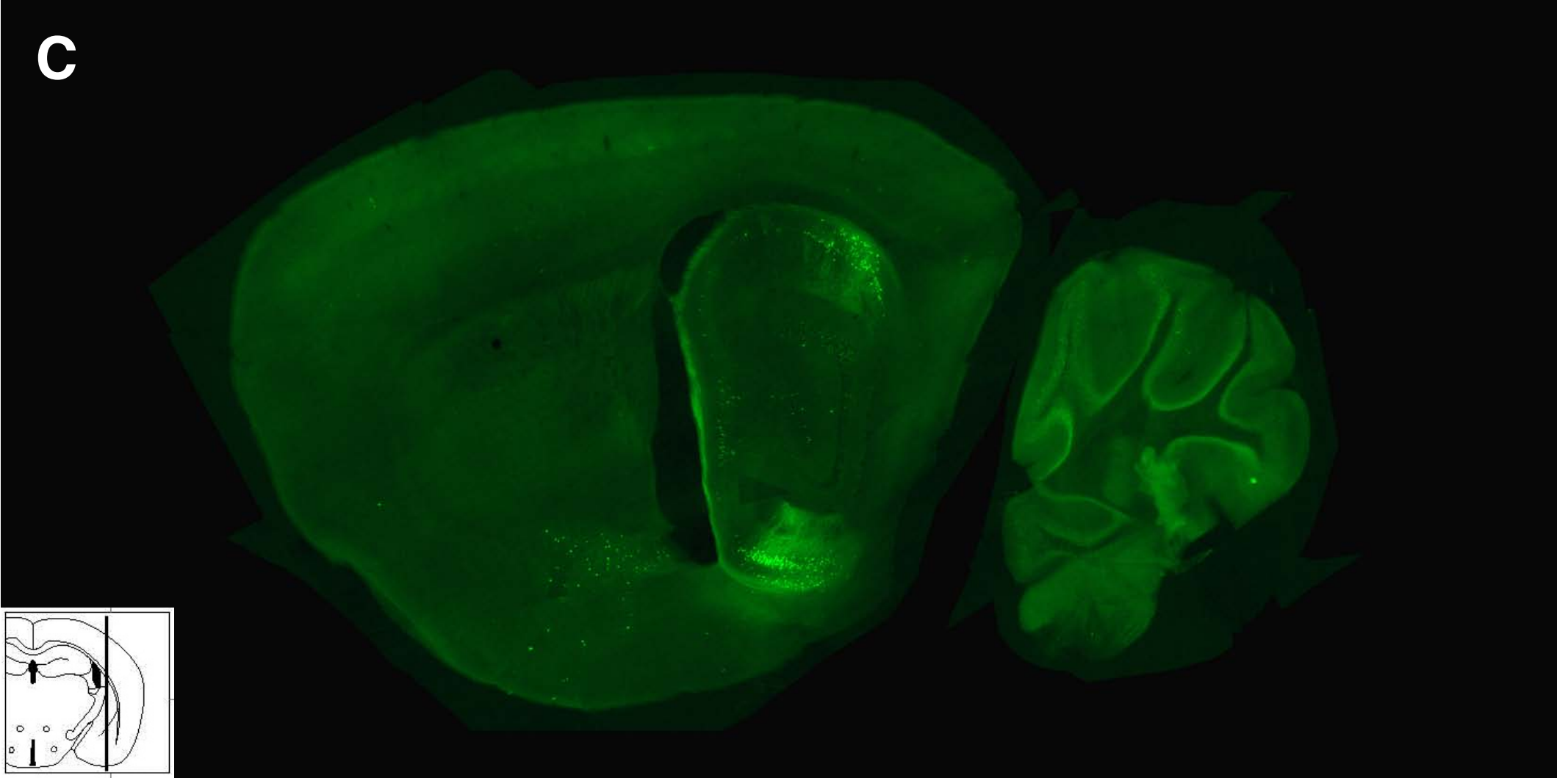
A



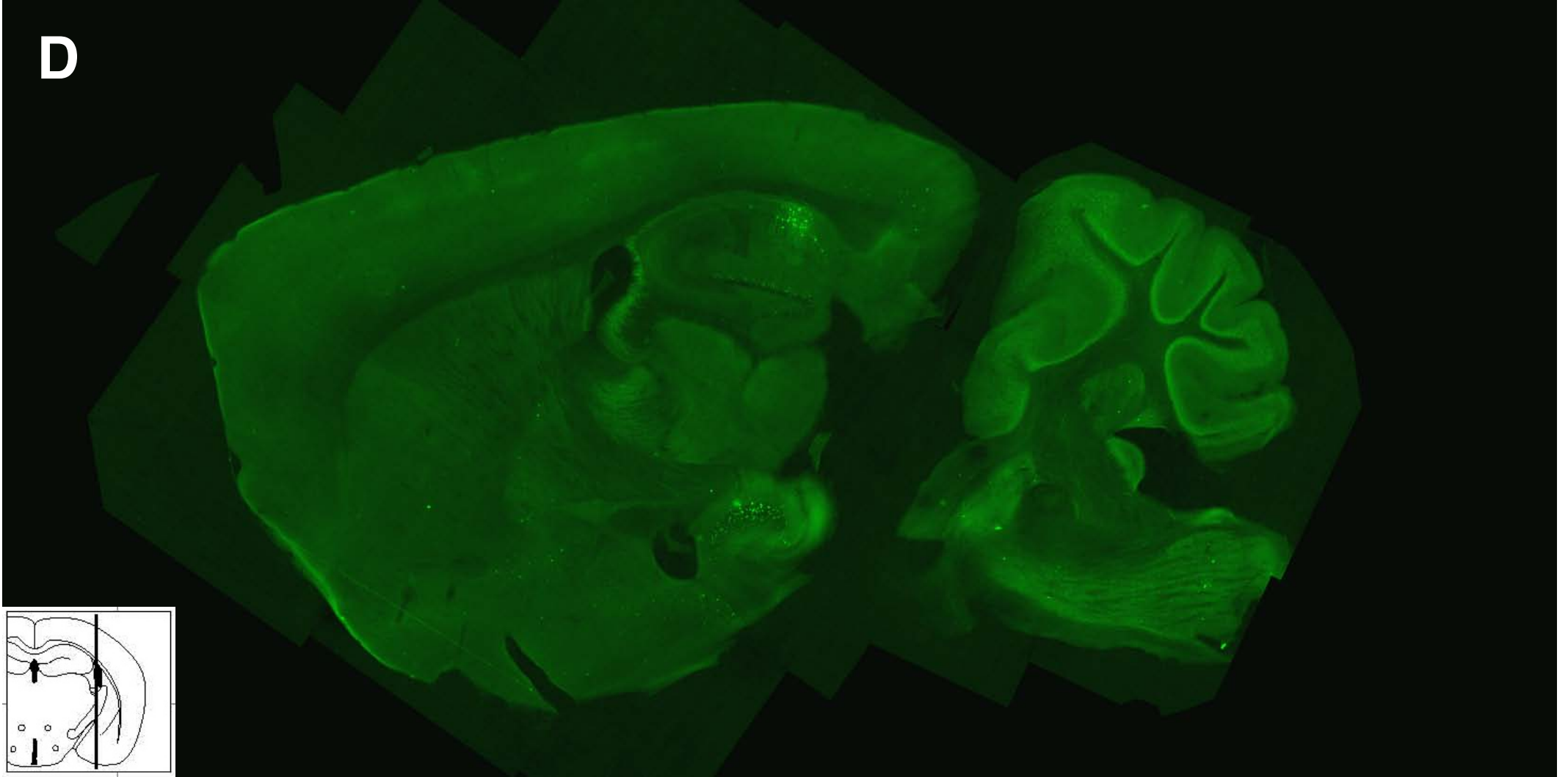
B

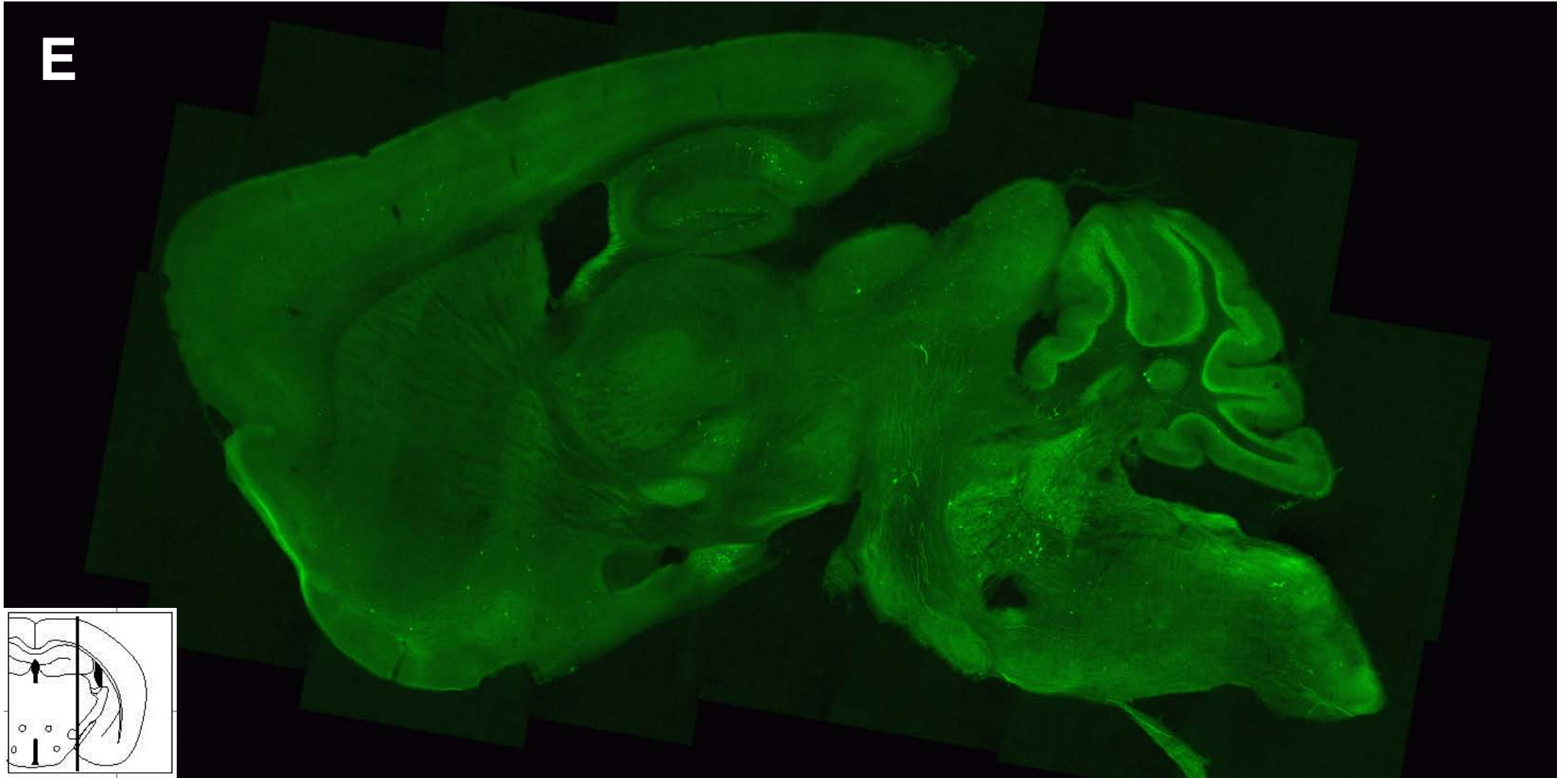


C

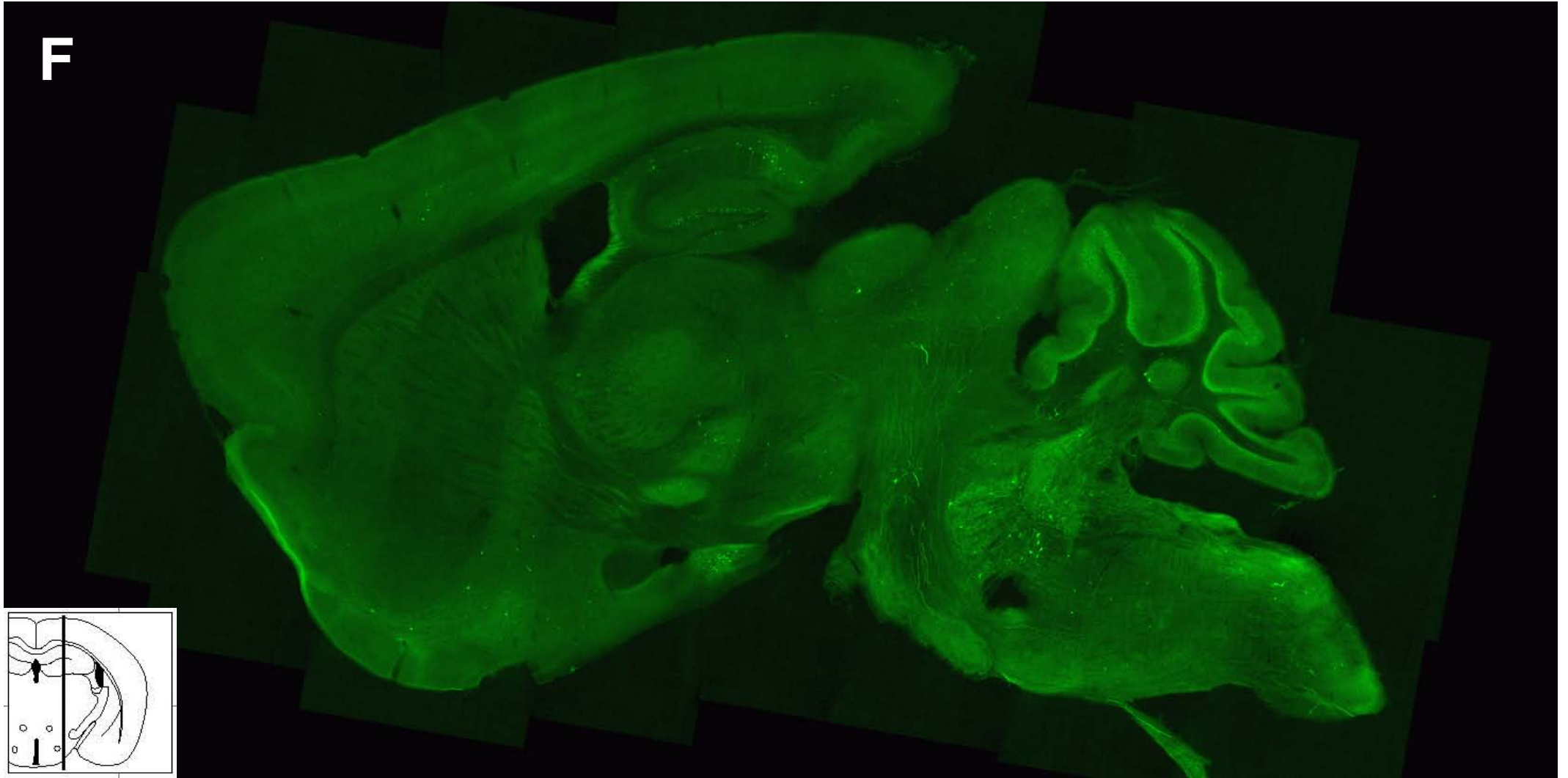


D



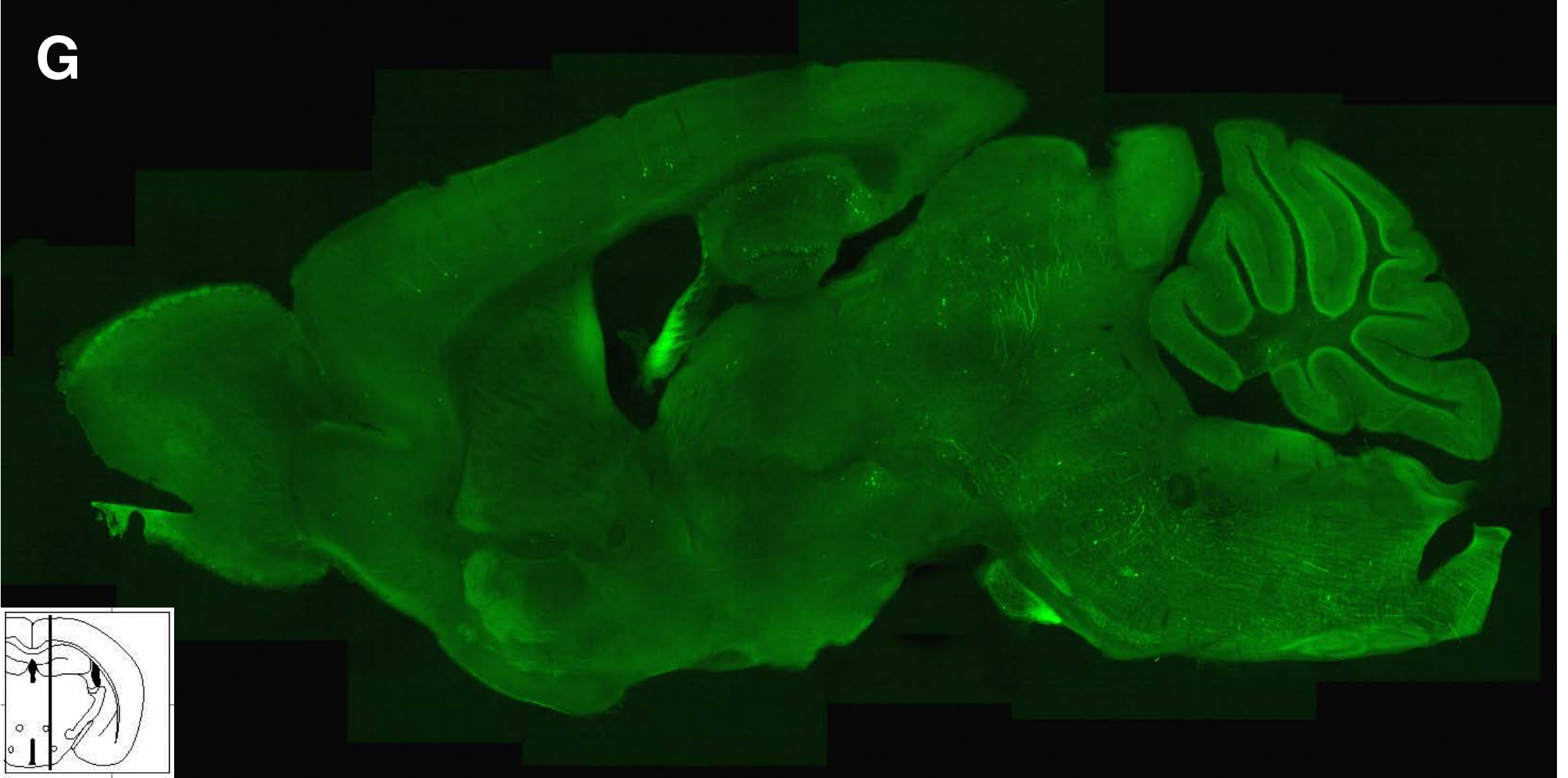


Young et al., Supplemental Fig. 2



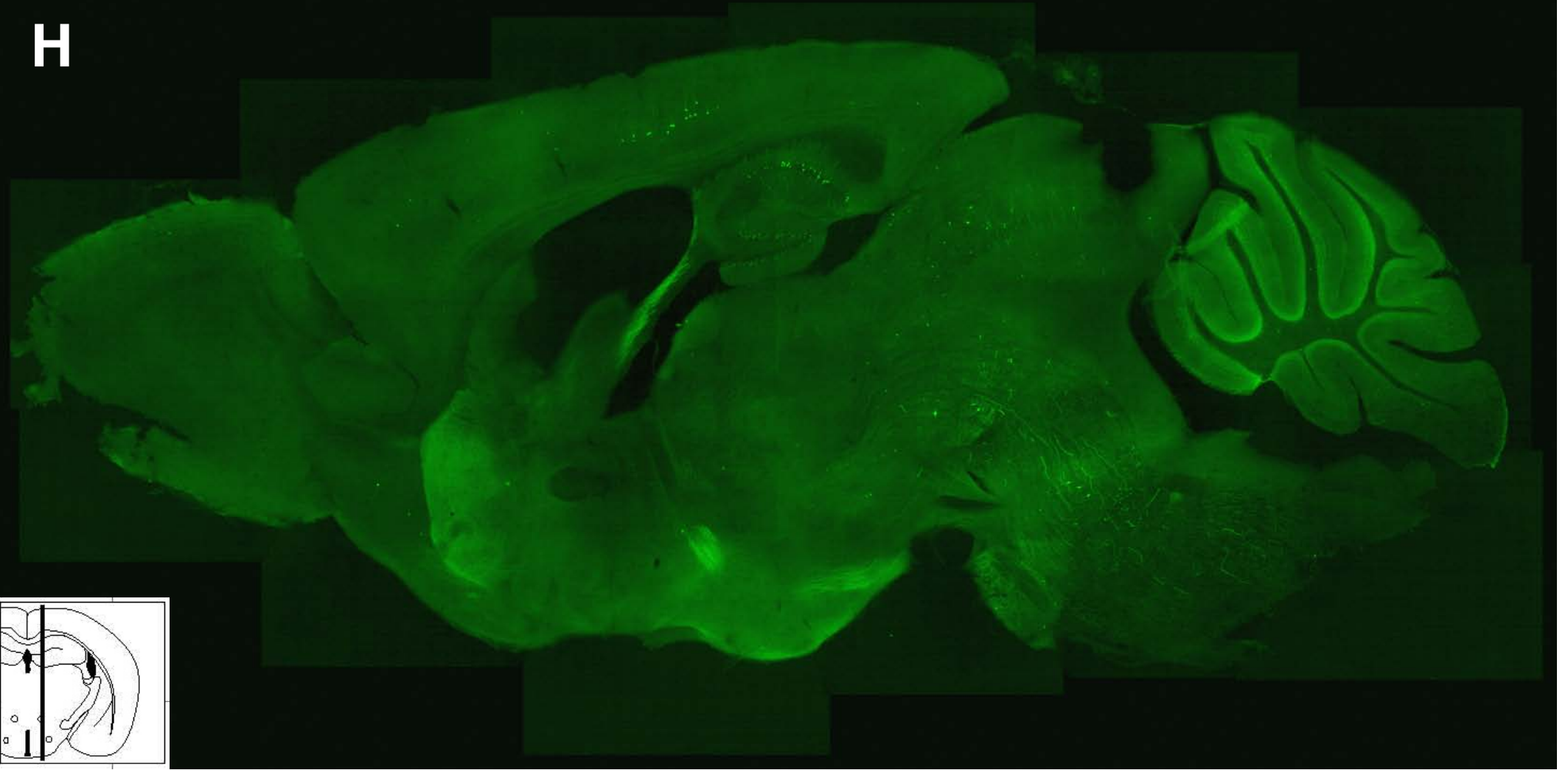
Young et al., Supplemental Fig. 2

G



Young et al., Supplemental Fig. 2

H



Young et al., Supplemental Fig. 2