Resource Summary Report

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McConnell Brain Imaging Center MNI Rhesus Macaque Atlas

RRID:SCR_008790
Type: Tool

Proper Citation

McConnell Brain Imaging Center MNI Rhesus Macaque Atlas (RRID:SCR_008790)

Resource Information

URL: http://www.bic.mni.mcgill.ca/ServicesAtlases/Rhesus

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Description: A reference atlas of rhesus macaque monkey magnetic resonance images that offers a common stereotaxic reference frame. The atlas can be used to localize anatomical and functional information in an organized and reliable way for comparison across individual rhesus monkeys and studies. We have used MRI volumes from a group of 7 normal adult rhesus monkeys (Macaca mulatta) to create the individual atlas. Thus, the atlas does not rely on the anatomy of a single subject, but instead depends on nonlinear normalization of numerous rhesus monkey brains mapped to an average template image that is faithful to the location of anatomical structures. Tools for registering a native MRI to the rhesus macaque atlas can be found in the Software section. Viewing the atlas and associated volumes online requires Java browser support. Additionally, you may download the atlas and associated files in your chosen format.

Abbreviations: MNI Rhesus Macaque Atlas

Synonyms: BIC MNI Rhesus Macaque Atlas

Resource Type: data or information resource, atlas, reference atlas

Defining Citation: PMID:21256229

Keywords: rhesus monkey, brain, early adult

Funding:

Resource Name: McConnell Brain Imaging Center MNI Rhesus Macaque Atlas

Resource ID: SCR_008790

Alternate IDs: nlx_144293

Record Creation Time: 20220129T080249+0000

Record Last Update: 20250519T204520+0000

Ratings and Alerts

No rating or validation information has been found for McConnell Brain Imaging Center MNI Rhesus Macaque Atlas.

No alerts have been found for McConnell Brain Imaging Center MNI Rhesus Macaque Atlas.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Woods RP, et al. (2011) A web-based brain atlas of the vervet monkey, Chlorocebus aethiops. NeuroImage, 54(3), 1872.