

Resource Summary Report

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McConnell Brain Imaging Center MNI Macaque Atlas

RRID:SCR_005265

Type: Tool

Proper Citation

McConnell Brain Imaging Center MNI Macaque Atlas (RRID:SCR_005265)

Resource Information

URL: <http://www.bic.mni.mcgill.ca/ServicesAtlases/Macaque>

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Description: A reference atlas of standard macaque monkey magnetic resonance images. The template brain volume that offers a common stereotaxic reference frame to localize anatomical and functional information in an organized and reliable way for comparison across individual macaque monkeys and studies. We have used MRI volumes from a group of 25 normal adult macaque monkeys (18 *Macaca fascicularis*, 7 *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 macaque brains mapped to an average template image that is faithful to the location of anatomical structures. Tools for registering a native MRI to the MNI 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.

Synonyms: MNI Macaque Atlas, BIC MNI Macaque Atlas

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

Defining Citation: [PMID:21256229](#)

Keywords: macaque, brain, early adult, template, atlas application, minc, minc2, magnetic resonance, nifti, mri

Funding:

Availability: Free

Resource Name: McConnell Brain Imaging Center MNI Macaque Atlas

Resource ID: SCR_005265

Alternate IDs: nlx_144292

Alternate URLs: <http://www.nitrc.org/projects/mniatlas>

Record Creation Time: 20220129T080229+0000

Record Last Update: 20250420T015339+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Hindriks R, et al. (2016) Can sliding-window correlations reveal dynamic functional connectivity in resting-state fMRI? NeuroImage, 127, 242.

Rohlfing T, et al. (2012) The INIA19 Template and NeuroMaps Atlas for Primate Brain Image Parcellation and Spatial Normalization. Frontiers in neuroinformatics, 6, 27.