

# Resource Summary Report

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## UNC Primate Brain Atlas

RRID:SCR\_002570

Type: Tool

### Proper Citation

UNC Primate Brain Atlas (RRID:SCR\_002570)

### Resource Information

**URL:** [http://www.nitrc.org/projects/primate\\_atlas/](http://www.nitrc.org/projects/primate_atlas/)

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**Description:** Symmetric atlas of the primate brain created using 18 cases of rhesus macaques aged 16-34 months. It includes the T1-weighted image (with and without skull), and also tissue segmentation probability maps (white matter, gray matter, CSF, rest), subcortical structures segmentation (amygdala, caudate, hippocampus, pallidus, putamen), and a lobar parcellation map. You can find more details about the creation of this atlas in the following paper : M. Styner, R. Knickmeyer, S. Joshi, C. Coe, S. J. Short, and J. Gilmore. Automatic brain segmentation in rhesus monkeys. In Proc SPIE Vol 6512, Medical Imaging, 2007, pp. 65122 L1-8

**Abbreviations:** UNC Primate Brain Atlas

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

**Keywords:** atlas data, magnetic resonance, nrrd

**Availability:** Creative Commons Attribution-ShareAlike License

**Resource Name:** UNC Primate Brain Atlas

**Resource ID:** SCR\_002570

**Alternate IDs:** nlx\_155972

**Record Creation Time:** 20220129T080214+0000

**Record Last Update:** 20260829T182924+0000

### Ratings and Alerts

No rating or validation information has been found for UNC Primate Brain Atlas.

No alerts have been found for UNC Primate Brain Atlas.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

Pincus M, et al. (2021) Chronic psychosocial stress and experimental pubertal delay affect socioemotional behavior and amygdala functional connectivity in adolescent female rhesus macaques. Psychoneuroendocrinology, 127, 105154.

Latimer CS, et al. (2019) A nonhuman primate model of early Alzheimer's disease pathologic change: Implications for disease pathogenesis. Alzheimer's & dementia : the journal of the Alzheimer's Association, 15(1), 93.

Hunsaker MR, et al. (2014) A semi-automated pipeline for the segmentation of rhesus macaque hippocampus: validation across a wide age range. PloS one, 9(2), e89456.