Resource Summary Report

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DTI-TEMPLATE-RHESUS-MACAQUES

RRID:SCR_002482
Type: Tool

Proper Citation

DTI-TEMPLATE-RHESUS-MACAQUES (RRID:SCR_002482)

Resource Information

URL: http://www.nitrc.org/projects/rmdtitemplate/

Proper Citation: DTI-TEMPLATE-RHESUS-MACAQUES (RRID:SCR_002482)

Description: A population-specific DTI template for young adolescent Rhesus Macaque (Macaca mulatta) monkeys using 271 high-quality scans. Using such a large number of animals in generating a template allows it to account for variability in the species. Their DTI template is based on the largest number of animals ever used in generating a computational brain template. It is anticipated that their DTI template will help facilitate voxel-based and tract specific WM analyses in non-human primate species, which in turn may increase our understanding of brain function, development, and evolution.

Abbreviations: DTI-TEMPLATE-RHESUS-MACAQUES

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

Defining Citation: PMID:21803162

Keywords: magnetic resonance, dti, young, adolescent, brain

Funding: NIMH MH62015;
NIMH MH084051;
NIMH MH080826;
NIMH MH46729;
NIMH MH81884;
NIMH MH018931;
NIBIB R03-EB009321

Availability: Free, Available for download, Freely available

Resource Name: DTI-TEMPLATE-RHESUS-MACAQUES

Resource ID: SCR_002482

Alternate IDs: nlx_155872

License: DTI-TK license, Http://www.nitrc.org/include/glossary.php#540

Record Creation Time: 20220129T080213+0000

Record Last Update: 20260729T044037+0000

Ratings and Alerts

No rating or validation information has been found for DTI-TEMPLATE-RHESUS-MACAQUES.

No alerts have been found for DTI-TEMPLATE-RHESUS-MACAQUES.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Li Q, et al. (2017) Chronic Ketamine Exposure Causes White Matter Microstructural Abnormalities in Adolescent Cynomolgus Monkeys. Frontiers in neuroscience, 11, 285.

Zakszewski E, et al. (2014) A diffusion-tensor-based white matter atlas for rhesus macaques. PloS one, 9(9), e107398.

Adluru N, et al. (2012) A diffusion tensor brain template for rhesus macaques. NeuroImage, 59(1), 306.