

Resource Summary Report

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Nencki-Monash template

RRID:SCR_018367

Type: Tool

Proper Citation

Nencki-Monash template (RRID:SCR_018367)

Resource Information

URL: http://www.marmosetbrain.org/nencki_monash_template

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Description: Open access template of young adult marmoset brain, created from three dimensional reconstructions. Histology based average template of marmoset cortex with probabilistic localization of cytoarchitectural areas. Allows direct estimates of most likely coordinates of each cortical area, as well as quantification of margins of error involved in assigning voxels to areas, and preserves quantitative information about laminar structure of cortex. Enables integration with magnetic resonance imaging and tracer based connectivity data. Allows interoperability between NM template and other current digital atlases of marmoset cortex.

Abbreviations: NM template

Synonyms: Nencki-Monash template of Common Marmoset cortex, Nencki Monash template of common Marmoset cortex, Nencki Monash template

Resource Type: data or information resource, data set

Defining Citation: [DOI:10.1101/2020.04.10.036632](https://doi.org/10.1101/2020.04.10.036632)

Keywords: Marmoset cortex, young adult marmoset brain, marmoset brain, histology, 3D image, probabilistic localization, cytoarchitectural area, estimate coordiante, cortical area, error quantification, voxel assigning, cortex laminar structure, MRI imaging integration, data interoperability, digital atlas, data, data set

Funding: Australian Research Council ;
International Neuroinformatics Coordinating Facility ;
National Centre for Research and Development ;
National Health and Medical Research Council

Availability: Free, Available for download, Freely available

Resource Name: Nencki-Monash template

Resource ID: SCR_018367

Record Creation Time: 20220129T080339+0000

Record Last Update: 20260905T133416+0000

Ratings and Alerts

No rating or validation information has been found for Nencki-Monash template.

No alerts have been found for Nencki-Monash template.

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 [PRECISE-TBI](#) .

Atapour N, et al. (2024) Distribution of calbindin-positive neurons across areas and layers of the marmoset cerebral cortex. PLoS computational biology, 20(9), e1012428.

Messinger A, et al. (2021) A collaborative resource platform for non-human primate neuroimaging. NeuroImage, 226, 117519.

Majka P, et al. (2021) Histology-Based Average Template of the Marmoset Cortex With Probabilistic Localization of Cytoarchitectural Areas. NeuroImage, 226, 117625.