

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

LONI Brain Parser

RRID:SCR_009572

Type: Tool

Proper Citation

LONI Brain Parser (RRID:SCR_009572)

Resource Information

URL: <http://www.loni.usc.edu/Software/BrainParser>

Proper Citation: LONI Brain Parser (RRID:SCR_009572)

Description: Software that uses a novel statistical-learning technique to segment brain regions of interest (ROIs) based on a training set of data and generates 3D MRI volumes. The software comes pre-trained on a provided data set but can be retrained to work with your desired regions of interest.

Abbreviations: Brain Parser

Synonyms: BrainParser

Resource Type: segmentation software, image analysis software, software resource, software application, data processing software

Keywords: analyze, anatomic, application, c++, console (text based), labeling, linux, microsoft, magnetic resonance, posix/unix-like, region of interest, segmentation, sh/bash, unix shell, windows, windows nt/2000, windows vista, workflow

Funding: NIBIB 9P41EB015922-15;
NCRR 2-P41-RR-013642-15;
NCRR U54 RR021813

Availability: GNU General Public License, LONI Software License

Resource Name: LONI Brain Parser

Resource ID: SCR_009572

Alternate IDs: nlx_155783

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

Record Creation Time: 20220129T080253+0000

Record Last Update: 20260808T185925+0000

Ratings and Alerts

No rating or validation information has been found for LONI Brain Parser.

No alerts have been found for LONI Brain Parser.

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 [SPARC SAWG](#) .

Lee CY, et al. (2021) Predicting response to radiotherapy of intracranial metastases with hyperpolarized [Formula: see text]C MRI. Journal of neuro-oncology, 152(3), 551.

Prinster A, et al. (2017) Cortical representation of different taste modalities on the gustatory cortex: A pilot study. PloS one, 12(12), e0190164.

Moon SW, et al. (2015) Gene interactions and structural brain change in early-onset Alzheimer's disease subjects using the pipeline environment. Psychiatry investigation, 12(1), 125.