

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 8, 2026

LAMA

RRID:SCR_019133

Type: Tool

Proper Citation

LAMA (RRID:SCR_019133)

Resource Information

URL: <https://github.com/mpi2/LAMA>

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Description: Open source pipeline to automatically identify embryo dysmorphology from 3D volumetric images. Automated image analysis for developmental phenotyping of mouse embryos.

Synonyms: Lightweight Analysis of Morphological Abnormalities

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

Defining Citation: [DOI:10.1101/2020.05.04.075853](https://doi.org/10.1101/2020.05.04.075853)

Keywords: Phenotype, developmental phenotyping, MRC Harwell Institute, automatically identify embryo dysmorphology, 3D volumetric image, image screening, mouse embryo

Resource Name: LAMA

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Alternate URLs: <https://github.com/mpi2/LAMA/wiki>

License: Apache License, Version 2.0

Record Creation Time: 20220129T080343+0000

Record Last Update: 20260905T133056+0000

Ratings and Alerts

No rating or validation information has been found for LAMA.

No alerts have been found for LAMA.

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](#) .

Bozon K, et al. (2026) Timing of NAD Deficiency During Organogenesis Dictates Defect Type and Penetrance. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(3), e71504.

Horner NR, et al. (2021) LAMA: automated image analysis for the developmental phenotyping of mouse embryos. Development (Cambridge, England), 148(18).

Mrestani A, et al. (2021) Active zone compaction correlates with presynaptic homeostatic potentiation. Cell reports, 37(1), 109770.