

Resource Summary Report

Generated by SPARC SAWG on Sep 16, 2026

Linear Analysis of Midgut

RRID:SCR_021255

Type: Tool

Proper Citation

Linear Analysis of Midgut (RRID:SCR_021255)

Resource Information

URL: <https://github.com/hietakangas-laboratory/LAM>

Proper Citation: Linear Analysis of Midgut (RRID:SCR_021255)

Description: Software Python package for spatially defined cellular phenotyping using image segmentation data from linearizable tissue. Software quantitative phenotyping tool intended for regionally defined analysis of Drosophila midguts based on objects detected from microscopy images.

Abbreviations: LAM

Synonyms: Linear Analysis of Midgut (LAM)

Resource Type: software resource, software toolkit

Keywords: Spatially defined cellular phenotyping, image segmentation data, linearizable tissue, Drosophila melanogaster midguts, multiple sample groups

Availability: Free, Available for download, Freely available

Resource Name: Linear Analysis of Midgut

Resource ID: SCR_021255

License: GNU General Public License v3.0

Record Creation Time: 20220129T080354+0000

Record Last Update: 20260912T200258+0000

Ratings and Alerts

No rating or validation information has been found for Linear Analysis of Midgut.

No alerts have been found for Linear Analysis of Midgut.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Viitanen A, et al. (2021) An image analysis method for regionally defined cellular phenotyping of the Drosophila midgut. Cell reports methods, 1(5), 100059.