

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

Motion Sensing Superpixels (MOSES)

RRID:SCR_016839

Type: Tool

Proper Citation

Motion Sensing Superpixels (MOSES) (RRID:SCR_016839)

Resource Information

URL: <https://github.com/fyz11/MOSES>

Proper Citation: Motion Sensing Superpixels (MOSES) (RRID:SCR_016839)

Description: Computational Python library for the motion analysis of biological single-cell and collective motion for high content screens. Framework to quantify and discover cellular motion phenotypes.

Abbreviations: MOSES

Synonyms: Motion Sensing Superpixels (MOSES), MOSES, Motion Sensing Superpixels

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

Defining Citation: [DOI:10.1101/248104](https://doi.org/10.1101/248104)

Keywords: motion, analysis, biological, single, cell, collective, motion, high, content, screen, quantify, discover, phenotype

Availability: Free, Freely available for academic non commercial research

Resource Name: Motion Sensing Superpixels (MOSES)

Resource ID: SCR_016839

License: Ludwig Software License

Record Creation Time: 20220129T080332+0000

Record Last Update: 20260912T195844+0000

Ratings and Alerts

No rating or validation information has been found for Motion Sensing Superpixels (MOSES).

No alerts have been found for Motion Sensing Superpixels (MOSES).

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 [NIF](#) .

Zhou FY, et al. (2019) Motion sensing superpixels (MOSES) is a systematic computational framework to quantify and discover cellular motion phenotypes. eLife, 8.