

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

Simple Assignment of Spots to Surfaces

RRID:SCR_018797

Type: Tool

Proper Citation

Simple Assignment of Spots to Surfaces (RRID:SCR_018797)

Resource Information

URL: <https://github.com/TMinchington/sass>

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Description: Software tool as custom analysis code combining single-cell traces and spot detection from live imaging movies and using Imaris output.

Abbreviations: SASS

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

Defining Citation: [DOI:10.1101/837179](https://doi.org/10.1101/837179)

Keywords: Custom analysis, single cell trace, spot detection, live imaging movie, assign spots, Imaris detection, expression domain, cell distance

Availability: Free, Available for download, Freely available

Resource Name: Simple Assignment of Spots to Surfaces

Resource ID: SCR_018797

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260808T190115+0000

Ratings and Alerts

No rating or validation information has been found for Simple Assignment of Spots to Surfaces.

No alerts have been found for Simple Assignment of Spots to Surfaces.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Boswell CW, et al. (2025) Genetically encoded affinity reagents are a toolkit for visualizing and manipulating endogenous protein function in vivo. Nature communications, 16(1), 5503.

Forbes Beadle L, et al. (2023) Modulation of transcription burst amplitude underpins dosage compensation in the Drosophila embryo. Cell reports, 42(4), 112382.

Frampton SL, et al. (2022) Modelling the structure of Short Gastrulation and generation of a toolkit for studying its function in Drosophila. Biology open, 11(6).

Hoppe C, et al. (2021) Live imaging and quantitation of nascent transcription using the MS2/MCP system in the Drosophila embryo. STAR protocols, 2(1), 100379.

Vinter DJ, et al. (2021) Live and fixed imaging of translation sites at single mRNA resolution in the Drosophila embryo. STAR protocols, 2(3), 100812.

Vinter DJ, et al. (2021) Dynamics of hunchback translation in real-time and at single-mRNA resolution in the Drosophila embryo. Development (Cambridge, England), 148(18).

Hoppe C, et al. (2020) Modulation of the Promoter Activation Rate Dictates the Transcriptional Response to Graded BMP Signaling Levels in the Drosophila Embryo. Developmental cell, 54(6), 727.