

Resource Summary Report

Generated by PRECISE-TBI on Aug 2, 2026

SIPEC

RRID:SCR_022364

Type: Tool

Proper Citation

SIPEC (RRID:SCR_022364)

Resource Information

URL: <https://edspace.american.edu/openbehavior/project/sipec/>

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Description: Software pipeline for video analysis. Deep learning Swiss knife for behavioral data analysis. Performs segmentation, identification, pose-estimation and classification of complex behaviour. Used for analysis of behavior of multiple animals in complex environments.

Abbreviations: SIPEC

Synonyms: SIPEC project

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

Defining Citation: [DOI:10.1038/s42256-022-00477-5](https://doi.org/10.1038/s42256-022-00477-5)

Keywords: OpenBehavior, video analysis, behavioral data analysis

Availability: Free, Available for download, Freely available

Resource Name: SIPEC

Resource ID: SCR_022364

Alternate URLs: <https://github.com/SIPEC-Animal-Data-Analysis/SIPEC>

License: MIT License

Record Creation Time: 20220602T050140+0000

Record Last Update: 20260801T190759+0000

Ratings and Alerts

No rating or validation information has been found for SIPEC.

No alerts have been found for SIPEC.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.