

Resource Summary Report

Generated by SPARC SAWG on Jul 28, 2026

Stytra

RRID:SCR_021500

Type: Tool

Proper Citation

Stytra (RRID:SCR_021500)

Resource Information

URL: <https://github.com/portugueslab/stytra>

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Description: Open source software Python package to control stimulation and track behaviour. Provides timed stimulus presentation, interfacing with external devices and simultaneous real time tracking of behavioral parameters such as position, orientation, tail and eye motion in both freely swimming and head restrained preparations.

Resource Type: software resource, software toolkit

Defining Citation: [DOI:10.1371/journal.pcbi.1006699](https://doi.org/10.1371/journal.pcbi.1006699)

Keywords: Control stimulation, track behaviour, closed loop behavioral experiments, larval zebrafish, behavioral parameters, position, orientation, tail, eye motion, freely swimming, head restrained, DeepLabCut, OpenBehavior

Availability: Free, Available for download, Freely Available

Resource Name: Stytra

Resource ID: SCR_021500

Alternate URLs: <https://edspace.american.edu/openbehavior/project/stytra/>

License: GNU General Public License

Record Creation Time: 20220129T080355+0000

Record Last Update: 20260725T191306+0000

Ratings and Alerts

No rating or validation information has been found for Stytra.

No alerts have been found for Stytra.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.