

Resource Summary Report

Generated by [ASWG](#) on Aug 31, 2026

flyPAD

RRID:SCR_021522

Type: Tool

Proper Citation

flyPAD (RRID:SCR_021522)

Resource Information

URL: <https://github.com/ribeiro-lab/flyPAD-fpga>

Proper Citation: flyPAD (RRID:SCR_021522)

Description: FPGA code for running main board of flyPAD. Code written in VHDL using Quartus 2 web edition software.

Resource Type: software resource, source code

Defining Citation: [DOI:10.1038/ncomms5560](https://doi.org/10.1038/ncomms5560)

Keywords: FPGA code, running main board of flyPAD, VHDL, Quartus 2, OpenBehavior

Availability: Free, Available for download, Freely Available

Resource Name: flyPAD

Resource ID: SCR_021522

Alternate URLs: <https://edspace.american.edu/openbehavior/project/optopad-and-flypad/>

License: GNU General Public License

Record Creation Time: 20220129T080356+0000

Record Last Update: 20260829T183324+0000

Ratings and Alerts

No rating or validation information has been found for flyPAD.

No alerts have been found for flyPAD.

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 [ASWG](#) .

Salim S, et al. (2023) The ortholog of human ssDNA-binding protein SSBP3 influences neurodevelopment and autism-like behaviors in *Drosophila melanogaster*. PLoS biology, 21(7), e3002210.