

# Resource Summary Report

Generated by SPARC SAWG on Sep 16, 2026

## Neurofly

RRID:SCR\_013833

Type: Tool

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### Proper Citation

Neurofly (RRID:SCR\_013833)

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### Resource Information

**URL:** <http://www.neurofly.de>

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**Description:** An on-going atlas project of the Virtual Insect Brain Project with the goal of reconstructing and standardizing Gal4 expression patterns in Drosophila brains. Neurofly will be a web-based tool that will enable the online comparison of mutations and Gal4 expression patterns in the Drosophila brain. To this end, a database of reconstructed and standardized Gal4 expression patterns - on the basis of the existing Drosophila StandardBrain - was developed along with tools for 3D image data set processing. Users will be able to evaluate the expression patterns intersections of various Gal4 driver lines and/or mutations.

**Synonyms:** Virtual Insect Brain Lab

**Resource Type:** atlas, data or information resource

**Keywords:** atlas, database, Drosophila, Gal4, tool, Virtual Insect Brain Project

**Availability:** Free, Public

**Resource Name:** Neurofly

**Resource ID:** SCR\_013833

**Record Creation Time:** 20220129T080318+0000

**Record Last Update:** 20260912T200213+0000

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### Ratings and Alerts

No rating or validation information has been found for Neurofly.

No alerts have been found for Neurofly.

## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Pinzer BR, et al. (2012) Imaging brain amyloid deposition using grating-based differential phase contrast tomography. NeuroImage, 61(4), 1336.