

Resource Summary Report

Generated by ASWG on Aug 3, 2026

Neurofly

RRID:SCR_013833

Type: Tool

Proper Citation

Neurofly (RRID:SCR_013833)

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: 20260801T191023+0000

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](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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