Resource Summary Report

Generated by ASWG on Aug 2, 2026

flytrap

RRID:SCR_003075
Type: Tool

Proper Citation

flytrap (RRID:SCR_003075)

Resource Information

URL: http://www.fly-trap.org/

Proper Citation: flytrap (RRID:SCR_003075)

Description: Flytrap is an interactive database for displaying gene expression patterns, in particular P(GAL4) patterns, via an intuitive WWW based interface. This development consists of two components, the first being the HTML interface to the database and the second, a tool-kit for constructing and maintaining the database. The browser component of the project is entirely platform independent; based on javascript and HTML and therefore only requires a "standard" browser. This is to facilitate CD-ROM distribution and off-line browsing. Whether on-line or on CD, the basic browser structure does not reply on any server based scripts. Basic searching is now available. The search page uses javascript and will work off-line (i.e. from a CD-ROM copy). The construction tool-kit is UNIX based and requires an on-line web server. The tool-kit is used to compile the HTML browser interface from a simple database. The tool-kit part comprises a forms based HTML interface to the datasets allowing new information to b e added and updated very simply. We are also developing a java interface for the tool-kit that will enable us to edit and annotate images on-line. The basic browser interface is complete and a demonstration version can be accessed via the website. The first working version of the tool-kit is now on-line and is available for use.

Abbreviations: Flytrap

Resource Type: video resource, data or information resource, database, image

Defining Citation: PMID:14681446

Keywords: brain, genetics, 3d model, expression pattern, anatomy, anatomical structure, cell, gene expression, brain function, neuroimaging, FASEB list

Funding: BBSRC ;
EPSRC

Availability: Free, Freely available

Resource Name: flytrap

Resource ID: SCR_003075

Alternate IDs: nif-0000-00051, r3d100011203

Alternate URLs: https://doi.org/10.17616/R3VD0P

Record Creation Time: 20220129T080217+0000

Record Last Update: 20260801T190226+0000

Ratings and Alerts

No rating or validation information has been found for flytrap.

No alerts have been found for flytrap.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 48 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG .

Rodríguez A, et al. (2024) Cell proliferation and Notch signaling coordinate the formation of epithelial folds in the Drosophila leg. Development (Cambridge, England), 151(8).

Juricic P, et al. (2022) Long-lasting geroprotection from brief rapamycin treatment in early adulthood by persistently increased intestinal autophagy. Nature aging, 2(9), 824.

Avilés-Pagán EE, et al. (2021) The GNU subunit of PNG kinase, the developmental regulator of mRNA translation, binds BIC-C to localize to RNP granules. eLife, 10.

Nawrot-Esposito MP, et al. (2020) Bacillus thuringiensis Bioinsecticides Induce Developmental Defects in Non-Target Drosophila melanogaster Larvae. Insects, 11(10).

Jammrath J, et al. (2020) Cbl-Associated Protein CAP contributes to correct formation and robust function of the Drosophila heart tube. PloS one, 15(5), e0233719.

Ladyzhets S, et al. (2020) Self-limiting stem-cell niche signaling through degradation of a stem-cell receptor. PLoS biology, 18(12), e3001003.

Deutsch D, et al. (2019) Shared Song Detector Neurons in Drosophila Male and Female Brains Drive Sex-Specific Behaviors. Current biology : CB, 29(19), 3200.

Diaz U, et al. (2019) Microtubules are necessary for proper Reticulon localization during mitosis. PloS one, 14(12), e0226327.

Lovegrove HE, et al. (2019) The role of integrins in Drosophila egg chamber morphogenesis. Development (Cambridge, England), 146(23).

Shukla V, et al. (2018) Stonewall and Brickwall: Two Partially Redundant Determinants Required for the Maintenance of Female Germline in Drosophila. G3 (Bethesda, Md.), 8(6), 2027.

Mendoza-Ortíz MA, et al. (2018) aaquetzalli is required for epithelial cell polarity and neural tissue formation in Drosophila. PeerJ, 6, e5042.

Hara M, et al. (2018) Identification of PNG kinase substrates uncovers interactions with the translational repressor TRAL in the oocyte-to-embryo transition. eLife, 7.

Córdoba S, et al. (2018) The transcription factor Dysfusion promotes fold and joint morphogenesis through regulation of Rho1. PLoS genetics, 14(8), e1007584.

Diaz-de-la-Loza MD, et al. (2018) Apical and Basal Matrix Remodeling Control Epithelial Morphogenesis. Developmental cell, 46(1), 23.

Spéder P, et al. (2018) Systemic and local cues drive neural stem cell niche remodelling during neurogenesis in Drosophila. eLife, 7.

Yatsenko AS, et al. (2018) Stereotypical architecture of the stem cell niche is spatiotemporally established by miR-125-dependent coordination of Notch and steroid signaling. Development (Cambridge, England), 145(3).

Li C, et al. (2017) Spermine synthase deficiency causes lysosomal dysfunction and oxidative stress in models of Snyder-Robinson syndrome. Nature communications, 8(1), 1257.

Khadilkar RJ, et al. (2017) Modulation of occluding junctions alters the hematopoietic niche to trigger immune activation. eLife, 6.

Milberg O, et al. (2017) Concerted actions of distinct nonmuscle myosin II isoforms drive intracellular membrane remodeling in live animals. The Journal of cell biology, 216(7), 1925.

Koehler CL, et al. (2017) Pink1 and Parkin regulate Drosophila intestinal stem cell proliferation during stress and aging. The Journal of cell biology, 216(8), 2315.