Resource Summary Report

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R scripts for FLIC data analysis

RRID:SCR_018386
Type: Tool

Proper Citation

R scripts for FLIC data analysis (RRID:SCR_018386)

Resource Information

URL: https://www.flidea.tech/flic-support

Proper Citation: R scripts for FLIC data analysis (RRID:SCR_018386)

Description: R Code used to analyze FLIC data. Functions are provided to examine interactions with food for single well and food choice experiments when fly makes physical contact with liquid food.

Synonyms: R scripts for Fly Liquid Food Interaction Counter data analysis

Resource Type: data analysis software, data processing software, software application, software resource, source code

Defining Citation: PMID:24978054

Keywords: Fly Liquid Food Interaction Counter, FLIC, FLIC data analysis, fly physical contact, liquid food fly interaction, data analysis

Availability: Free, Available for download, Freely available

Resource Name: R scripts for FLIC data analysis

Resource ID: SCR_018386

Alternate URLs: https://github.com/PletcherLab/FLIC_R_Code

Record Creation Time: 20220129T080340+0000

Record Last Update: 20260912T195900+0000

Ratings and Alerts

No rating or validation information has been found for R scripts for FLIC data analysis.

No alerts have been found for R scripts for FLIC data analysis.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Al Darwish H, et al. (2026) Escherichia coli Mono-Association Modulates Ionotropic Receptor-Dependent Behaviors in Drosophila melanogaster. Insects, 17(3).

Kubrak O, et al. (2026) Gut hormone signaling drives sex differences in metabolism and behavior. Molecular metabolism, 103, 102312.

Ahrentl??v N, et al. (2025) Protein-responsive gut hormone tachykinin directs food choice and impacts lifespan. Nature metabolism, 7(6), 1223.

Malita A, et al. (2025) Glia-mediated gut-brain cytokine signaling couples sleep to intestinal inflammatory responses induced by oxidative stress. eLife, 13.

Li S, et al. (2025) Developmental sleep reallocation enables metabolic adaptation in desert flies. bioRxiv : the preprint server for biology.

Zike AB, et al. (2025) Adipocyte-Derived Amino Acid Storage Proteins are Required for Germline Stem Cell Maintenance in Adult Drosophila Females. bioRxiv : the preprint server for biology.

Opoola M, et al. (2024) Con-FLIC: concurrent measurement of feeding behaviors and food consumption in Drosophila at single-fly resolution. microPublication biology, 2024.

Umezaki Y, et al. (2024) Taste triggers a homeostatic temperature control in hungry flies. eLife, 13.

Fleck SA, et al. (2024) Auxin exposure disrupts feeding behavior and fatty acid metabolism in adult Drosophila. eLife, 12.

Weaver KJ, et al. (2023) Behavioral dissection of hunger states in Drosophila. eLife, 12.

Fleck SA, et al. (2023) Auxin Exposure Disrupts Feeding Behavior and Fatty Acid Metabolism in Adult Drosophila. bioRxiv : the preprint server for biology.

Pardo-Garcia TR, et al. (2023) Food memory circuits regulate eating and energy balance. Current biology : CB, 33(2), 215.

Munneke AS, et al. (2022) The serotonin receptor 5-HT2A modulates lifespan and protein feeding in Drosophila melanogaster. Frontiers in aging, 3, 1068455.

May CE, et al. (2020) Dietary sugar inhibits satiation by decreasing the central processing of sweet taste. eLife, 9.