Resource Summary Report

Generated by kravitz2 on Jul 31, 2026

DRSC/TRiP Functional Genomics Resources and DRSC-BTRR

RRID:SCR_021963
Type: Tool

Proper Citation

DRSC/TRiP Functional Genomics Resources and DRSC-BTRR (RRID:SCR_021963)

Resource Information

URL: https://fgr.hms.harvard.edu/trip-in-vivo-fly-rnai

Proper Citation: DRSC/TRiP Functional Genomics Resources and DRSC-BTRR (RRID:SCR_021963)

Description: Provides DRSC Drosophila cell-based screening, TRiP Drosophila fly stock production, Bioinformatics software tools and data access. Functional genomics platform for needs of Drosophila and broader community.Online tools include DIOPT for identification of orthologs (yeasts, worm, fly, frog, fish, mouse, rat, human),DIOPT-DIST for identification of human orthologs and links to disease, UP-TORR for RNAi reagent identification based on up-to-date gene annotations,DGET analysis of gene lists in the context of RNAseq data from modENCODE and others,Find CRISPRs and CRISPR efficiency evaluation online tools for CRISPR-Cas9 genome editing, FlyPrimerBank resource of pre-computed qPCR primers,RSVP RNAi fly stock validation database (data for TRiP, VDRC, NIG-Japan fly stocks), GeneLookup and Screen Summary views of DRSC cell screen data sets.

Resource Type: topical portal, data or information resource, portal

Keywords: Drosophila, production platforms, cell-based RNAi screen, reagent and consultation support for cell-based and in vivo screening

Availability: Free, Freely available

Resource Name: DRSC/TRiP Functional Genomics Resources and DRSC-BTRR

Resource ID: SCR_021963

Record Creation Time: 20220421T050138+0000

Record Last Update: 20260731T043114+0000

Ratings and Alerts

No rating or validation information has been found for DRSC/TRiP Functional Genomics Resources and DRSC-BTRR.

No alerts have been found for DRSC/TRiP Functional Genomics Resources and DRSC-BTRR.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Hughes SE, et al. (2025) A proximity labeling approach to identify proteins that associate with synaptonemal complex components in Drosophila melanogaster females. bioRxiv : the preprint server for biology.

Hughes SE, et al. (2024) A transcriptomics-based RNAi screen for regulators of meiosis and early stages of oocyte development in Drosophila melanogaster. G3 (Bethesda, Md.), 14(4).

Noonan HR, et al. (2024) A chronic signaling TGFb zebrafish reporter identifies immune response in melanoma. eLife, 13.

Praschberger R, et al. (2023) Neuronal identity defines ??-synuclein and tau toxicity. Neuron, 111(10), 1577.

Manoim JE, et al. (2022) Lateral axonal modulation is required for stimulus-specific olfactory conditioning in Drosophila. Current biology : CB, 32(20), 4438.

Miao H, et al. (2021) A PtdIns(3,4,5)P3 dispersal switch engages cell ratcheting at specific cell surfaces. Developmental cell, 56(18), 2579.