Resource Summary Report

Generated by <u>dkNET</u> on May 6, 2025

CRISPR Target Finder

RRID:SCR_023641 Type: Tool

Proper Citation

CRISPR Target Finder (RRID:SCR_023641)

Resource Information

URL: http://targetfinder.flycrispr.neuro.brown.edu/

Proper Citation: CRISPR Target Finder (RRID:SCR_023641)

Description: Web tool for identifying CRISPR target sites and evaluating their specificity. CRISPR Target Finder uses TagScan and algorithms based on large scale analyses of CRISPR-Cas9 specificity in cell lines and animals published to date to identify potential off target cleavage sites for given CRISPR target.

Resource Type: software resource, web service, data access protocol

Keywords: CRISPR target, CRISPR-Cas9, CRISPR target sites, identifying CRISPR target sites, evaluating CRISPR target sites specificity, off target cleavage sites, off target cleavage sites identification,

Funding:

Availability: Free, Freely available

Resource Name: CRISPR Target Finder

Resource ID: SCR_023641

Record Creation Time: 20230602T050209+0000

Record Last Update: 20250506T061951+0000

Ratings and Alerts

No rating or validation information has been found for CRISPR Target Finder.

No alerts have been found for CRISPR Target Finder.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 26 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

Liu M, et al. (2025) Transcriptional coupling of telomeric retrotransposons with the cell cycle. Science advances, 11(1), eadr2299.

Chen P, et al. (2024) Escalation of genome defense capacity enables control of an expanding meiotic driver. bioRxiv : the preprint server for biology.

Yamamoto-Hino M, et al. (2024) PIGB maintains nuclear lamina organization in skeletal muscle of Drosophila. The Journal of cell biology, 223(2).

Chen L, et al. (2024) Protocol for generation of CRISPR-Cas9-mediated specific genomic insertion of P2A-Gal4 to reveal endogenous gene expression in Drosophila. STAR protocols, 5(3), 103184.

Takenaka R, et al. (2024) The Drosophila maternal-effect gene abnormal oocyte (ao) does not repress histone gene expression. bioRxiv : the preprint server for biology.

Matthew J, et al. (2024) Coordination of cell cycle and morphogenesis during organ formation. eLife, 13.

Yu J, et al. (2024) Genetically-encoded markers for confocal visualization of single dense core vesicles. bioRxiv : the preprint server for biology.

Tanaka T, et al. (2024) Endocytosed dsRNAs induce lysosomal membrane permeabilization that allows cytosolic dsRNA translocation for Drosophila RNAi responses. Nature communications, 15(1), 6993.

Yang K, et al. (2024) p24-Tango1 interactions ensure ER-Golgi interface stability and efficient transport. The Journal of cell biology, 223(5).

Sokolov V, et al. (2024) New Drosophila promoter-associated architectural protein Mzfp1 interacts with CP190 and is required for housekeeping gene expression and insulator activity. Nucleic acids research, 52(12), 6886.

Tam R, et al. (2024) Centrosome-organized plasma membrane infoldings linked to growth of a cortical actin domain. The Journal of cell biology, 223(10).

Aguilar G, et al. (2024) Protocol for generating in-frame seamless knockins in Drosophila using the SEED/Harvest technology. STAR protocols, 5(3), 102932.

Yu J, et al. (2024) Genetically-encoded markers for confocal visualization of single dense core vesicles. Research square.

Delanoue R, et al. (2023) Y chromosome toxicity does not contribute to sex-specific differences in longevity. Nature ecology & evolution, 7(8), 1245.

Chen N, et al. (2023) Widespread posttranscriptional regulation of cotransmission. Science advances, 9(22), eadg9836.

Madhwani KR, et al. (2023) tRNA modification enzyme-dependent redox homeostasis regulates synapse formation and memory. bioRxiv : the preprint server for biology.

Hogan CA, et al. (2023) Expanded tRNA methyltransferase family member TRMT9B regulates synaptic growth and function. EMBO reports, 24(10), e56808.

Merenciano M, et al. (2023) Two-step CRISPR-Cas9 protocol for transposable element deletion in D. melanogaster natural populations. STAR protocols, 4(3), 102501.

Thakur RS, et al. (2023) PDZD8 promotes autophagy at ER-Lysosome contact sites to regulate synaptogenesis. bioRxiv : the preprint server for biology.

Zhou J, et al. (2023) Sleep loss impairs intestinal stem cell function and gut homeostasis through the modulation of the GABA signalling pathway in Drosophila. Cell proliferation, 56(9), e13437.