

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 17, 2025

pU6-BbsI-chiRNA

RRID:Addgene_45946

Type: Plasmid

Proper Citation

RRID:Addgene_45946

Plasmid Information

URL: <http://www.addgene.org/45946>

Proper Citation: RRID:Addgene_45946

Insert Name: U6-BbsI-chiRNA

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23709638](#)

Vector Backbone Description: Backbone Marker:Agilent; Backbone Size:2958; Vector Backbone:pBS-SK(+); Vector Types:Insect Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: For more information on FlyCRISPR Plasmids please refer to: <http://www.addgene.org/crispr/OConnor-Giles/> Plasmid 51019: pDsRed-attP (www.addgene.org/51019) can be for generating dsDNA donors for homology-directed repair to replace genes or other genomic sequence with an attP docking site. Please note the F1 ori is in the (+) orientation, rather than the (-) orientation shown in the assembled full sequence.

Plasmid Name: pU6-BbsI-chiRNA

Record Creation Time: 20220422T222237+0000

Record Last Update: 20220422T224130+0000

Ratings and Alerts

No rating or validation information has been found for pU6-BbsI-chiRNA.

No alerts have been found for pU6-BbsI-chiRNA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 82 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Stephan T, et al. (2024) Drosophila MIC10b can polymerize into cristae-shaping filaments. Life science alliance, 7(4).

Sukumar SK, et al. (2024) The Alk receptor tyrosine kinase regulates Sparkly, a novel activity regulating neuropeptide precursor in the Drosophila central nervous system. eLife, 12.

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.

Bhatt AD, et al. (2024) Local nuclear to cytoplasmic ratio regulates chaperone-dependent H3 variant incorporation during zygotic genome activation. bioRxiv : the preprint server for biology.

Li Q, et al. (2024) FA2H controls cool temperature sensing through modifying membrane sphingolipids in Drosophila. Current biology : CB, 34(5), 997.

Takada S, et al. (2024) Drosophila Trus, the orthologue of mammalian PDCD2L, is required for proper cell proliferation, larval developmental timing, and oogenesis. bioRxiv : the preprint server for biology.

Tran H, et al. (2024) Tet controls axon guidance in early brain development through glutamatergic signaling. iScience, 27(5), 109634.

Malinauskas T, et al. (2024) Molecular mechanism of BMP signal control by Twisted gastrulation. Nature communications, 15(1), 4976.

Balasubramanian D, et al. (2024) Enhancer-promoter interactions can form independently of genomic distance and be functional across TAD boundaries. Nucleic acids research, 52(4), 1702.

Perry S, et al. (2024) Receptors underlying an odorant's valence across concentrations in

Drosophila larvae. The Journal of experimental biology, 227(9).

Blanch JR, et al. (2024) A non-tethering role for the Drosophila Pol γ linker domain in promoting damage resolution. bioRxiv : the preprint server for biology.

Kim SJ, et al. (2024) A sexually transmitted sugar orchestrates reproductive responses to nutritional stress. Nature communications, 15(1), 8477.

Catterson JH, et al. (2024) Drosophila appear resistant to trans-synaptic tau propagation. Brain communications, 6(4), fae256.

Bonanno SL, et al. (2024) Constitutive and Conditional Epitope Tagging of Endogenous G-Protein-Coupled Receptors in Drosophila. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(33).

Jansen G, et al. (2024) Tolerance thresholds underlie responses to DNA damage during germline development. Genes & development, 38(13-14), 631.

Nakato E, et al. (2024) In vivo activities of heparan sulfate differentially modified by NDSTs during development. Proteoglycan research, 2(1).

Wong KKL, et al. (2023) Origin of wiring specificity in an olfactory map revealed by neuron type-specific, time-lapse imaging of dendrite targeting. eLife, 12.

Liu J, et al. (2023) Alleviation of thermal nociception depends on heat-sensitive neurons and a TRP channel in the brain. Current biology : CB, 33(12), 2397.

Forbes Beadle L, et al. (2023) Modulation of transcription burst amplitude underpins dosage compensation in the Drosophila embryo. Cell reports, 42(4), 112382.

Parisi MJ, et al. (2023) A conditional strategy for cell-type-specific labeling of endogenous excitatory synapses in Drosophila. Cell reports methods, 3(5), 100477.