

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

pJFRC7-20XUAS-IVS-mCD8::GFP

RRID:Addgene_26220

Type: Plasmid

Proper Citation

RRID:Addgene_26220

Plasmid Information

URL: <http://www.addgene.org/26220>

Proper Citation: RRID:Addgene_26220

Insert Name: mCD8::GFP

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20697123](#)

Vector Backbone Description: Backbone Size:8151; Vector Backbone:pJFRC-MUH; Vector Types:Insect Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pJFRC7-20XUAS-IVS-mCD8::GFP

Record Creation Time: 20220422T222117+0000

Record Last Update: 20260801T081050+0000

Ratings and Alerts

No rating or validation information has been found for pJFRC7-20XUAS-IVS-mCD8::GFP.

No alerts have been found for pJFRC7-20XUAS-IVS-mCD8::GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 43 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Arai S, et al. (2025) qMaLioffG: a genetically encoded green fluorescence lifetime-based indicator enabling quantitative imaging of intracellular ATP. *Nature communications*, 16(1), 9972.

Hamilton W, et al. (2025) Wolbachia uses ankyrin repeats to target specific fly proteins. *bioRxiv : the preprint server for biology*.

Theisen EK, et al. (2025) Glia phagocytose neuronal sphingolipids to infiltrate developing synapses. *bioRxiv : the preprint server for biology*.

Roshgadol JI, et al. (2025) Sensitive dLight3 for imaging broad-spectrum dopamine events across brain regions. *Research square*.

Ziegler AB, et al. (2025) Individual lipid alterations at the origin of neuronal Ceramide Synthase defects. *PLoS genetics*, 21(9), e1011880.

Plitt MH, et al. (2025) Octopamine instructs head direction plasticity. *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).

Yang HH, et al. (2024) Fine-grained descending control of steering in walking *Drosophila*. *Cell*, 187(22), 6290.

Ott S, et al. (2024) Kalium channelrhodopsins effectively inhibit neurons. *Nature communications*, 15(1), 3480.

Vicidomini R, et al. (2024) Versatile nanobody-based approach to image, track and reconstitute functional Neurexin-1 in vivo. *Nature communications*, 15(1), 6068.

Le JQ, et al. (2024) Light and dopamine impact two circadian neurons to promote morning wakefulness. *bioRxiv : the preprint server for biology*.

Catterson JH, et al. (2024) *Drosophila* appear resistant to trans-synaptic tau propagation. *Brain communications*, 6(4), fcae256.

Myers RR, et al. (2023) Y225A induces long-range conformational changes in human prion protein that are protective in *Drosophila*. *The Journal of biological chemistry*, 299(7), 104881.

Sigmund F, et al. (2023) Genetically encoded barcodes for correlative volume electron microscopy. *Nature biotechnology*, 41(12), 1734.

Li K, et al. (2023) Belly roll, a GPI-anchored Ly6 protein, regulates *Drosophila melanogaster* escape behaviors by modulating the excitability of nociceptive peptidergic interneurons. *eLife*, 12.

Bonheur M, et al. (2023) A rapid and bidirectional reporter of neural activity reveals neural correlates of social behaviors in *Drosophila*. *Nature neuroscience*, 26(7), 1295.

Kannan M, et al. (2022) Dual-polarity voltage imaging of the concurrent dynamics of multiple neuron types. *Science (New York, N.Y.)*, 378(6619), eabm8797.

Maguire SE, et al. (2022) Odorant-receptor-mediated regulation of chemosensory gene expression in the malaria mosquito *Anopheles gambiae*. *Cell reports*, 38(10), 110494.

Myers RR, et al. (2022) New *Drosophila* models to uncover the intrinsic and extrinsic factors that mediate the toxicity of the human prion protein. *Disease models & mechanisms*, 15(4).

Ribeiro IMA, et al. (2022) Spatial and temporal control of expression with light-gated LOV-LexA. *G3 (Bethesda, Md.)*, 12(10).