

# Resource Summary Report

Generated by [dkNET](#) on Aug 21, 2026

## pJFRC19-13XLexAop2-IVS-myr::GFP

RRID:Addgene\_26224

Type: Plasmid

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### Proper Citation

RRID:Addgene\_26224

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### Plasmid Information

**URL:** <http://www.addgene.org/26224>

**Proper Citation:** RRID:Addgene\_26224

**Insert Name:** myr::GFP

**Organism:** Drosophila melanogaster

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:20697123](#)

**Vector Backbone Description:** Backbone Size:8033; Vector Backbone:pJFRC-MUH; Vector Types:Insect Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** pJFRC19-13XLexAop2-IVS-myr::GFP

**Record Creation Time:** 20220422T222117+0000

**Record Last Update:** 20260815T081250+0000

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### Ratings and Alerts

No rating or validation information has been found for pJFRC19-13XLexAop2-IVS-myr::GFP.

No alerts have been found for pJFRC19-13XLexAop2-IVS-myr::GFP.

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### Data and Source Information

**Source:** [Addgene](#)

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### Usage and Citation Metrics

We found 54 mentions in open access literature.

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

Li Z, et al. (2026) Repulsions instruct synaptic partner matching in an olfactory circuit. *Nature*, 649(8097), 667.

Li Z, et al. (2025) Repulsive interactions instruct synaptic partner matching in an olfactory circuit. *Research square*.

Ishida IG, et al. (2025) Neuronal calcium spikes enable vector inversion in the *Drosophila* brain. *Cell*.

Koon AC, et al. (2025) Pre- and postsynaptic upregulation of FasII synergistically underlies neuropathological and behavioral phenotypes in a *Drosophila* model of myotonic dystrophy. *Nature communications*, 17(1), 1005.

Chang YC, et al. (2025) Peripheral glia and neurons jointly regulate activity-induced synaptic remodeling at the *Drosophila* neuromuscular junction. *eLife*, 14.

Chatterjee A, et al. (2025) Neuropeptide dynamics coordinate layered plasticity mechanisms adapting *Drosophila* circadian behavior to changing environment. *Science advances*, 11(35), eadt7168.

Rabah Y, et al. (2025) Astrocyte-to-neuron H<sub>2</sub>O<sub>2</sub> signalling supports long-term memory formation in *Drosophila* and is impaired in an Alzheimer's disease model. *Nature metabolism*, 7(2), 321.

Zhang S, et al. (2025) *Drosophila* aux orchestrates the phosphorylation-dependent assembly of the lysosomal V-ATPase in glia and contributes to SNCA/??-synuclein degradation. *Autophagy*, 21(5), 1039.

Paluri S, et al. (2025) microRNA-184 distribution and consequences on glial septate junctions and the blood-brain barrier. *PloS one*, 20(12), e0328862.

Li Z, et al. (2025) Repulsive interactions instruct synaptic partner matching in an olfactory circuit. *bioRxiv : the preprint server for biology*.

Matamoro-Vidal A, et al. (2024) Patterned apoptosis has an instructive role for local growth and tissue shape regulation in a fast-growing epithelium. *Current biology : CB*, 34(2), 376.

Srivastav S, et al. (2024) Motor neuron activity enhances the proteomic stress caused by autophagy defects in the target muscle. *PloS one*, 19(1), e0291477.

Schoofs A, et al. (2024) Serotonergic modulation of swallowing in a complete fly vagus nerve connectome. *Current biology : CB*, 34(19), 4495.

Sanfilippo P, et al. (2024) Mapping of multiple neurotransmitter receptor subtypes and distinct protein complexes to the connectome. *Neuron*, 112(6), 942.

Wohl MP, et al. (2023) Drosophila Tachykininergic Neurons Modulate the Activity of Two Groups of Receptor-Expressing Neurons to Regulate Aggressive Tone. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(19), 3394.

Ishida IG, et al. (2023) Neuronal calcium spikes enable vector inversion in the Drosophila brain. *bioRxiv : the preprint server for biology*.

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

Sanfilippo P, et al. (2023) Mapping of multiple neurotransmitter receptor subtypes and distinct protein complexes to the connectome. *bioRxiv : the preprint server for biology*.

Dombrovski M, et al. (2023) Synaptic gradients transform object location to action. *Nature*, 613(7944), 534.

Zhao Y, et al. (2023) Direction Selectivity of TmY Neurites in Drosophila. *Neuroscience bulletin*, 39(5), 759.