

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pJFRC28-10XUAS-IVS-GFP-p10

RRID:Addgene_36431

Type: Plasmid

Proper Citation

RRID:Addgene_36431

Plasmid Information

URL: <http://www.addgene.org/36431>

Proper Citation: RRID:Addgene_36431

Insert Name: GFP

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22493255](#)

Vector Backbone Description: Backbone Size:8508; Vector Backbone:pJFRC-MUH;
Vector Types:Insect Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pJFRC28-10XUAS-IVS-GFP-p10

Record Creation Time: 20220422T222155+0000

Record Last Update: 20260815T081408+0000

Ratings and Alerts

No rating or validation information has been found for pJFRC28-10XUAS-IVS-GFP-p10.

No alerts have been found for pJFRC28-10XUAS-IVS-GFP-p10.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Zhang S, et al. (2026) Casein kinase 2 maintains the self-renewal of neural stem cells via prospero phosphorylation in *Drosophila*. *Cell & bioscience*, 16(1), 23.

Xia X, et al. (2025) A high-performance GRAB sensor reveals differences in the dynamics and molecular regulation between neuropeptide and neurotransmitter release. *Nature communications*, 16(1), 819.

Xia X, et al. (2024) A new GRAB sensor reveals differences in the dynamics and molecular regulation between neuropeptide and neurotransmitter release. *bioRxiv* : the preprint server for biology.

Gong C, et al. (2024) A Horizontally Transferred Plant Fatty Acid Desaturase Gene Steers Whitefly Reproduction. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 11(10), e2306653.

Tang R, et al. (2024) Tandemly expanded OR17b in Himalaya ghost moth facilitates larval food allocation via olfactory reception of plant-derived tricosane. *International journal of biological macromolecules*, 268(Pt 1), 131503.

Yin C, et al. (2024) Dual mutations in the whitefly nicotinic acetylcholine receptor $\alpha 1$ subunit confer target-site resistance to multiple neonicotinoid insecticides. *PLoS genetics*, 20(2), e1011163.

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.

Sun Z, et al. (2023) Single-cell RNA sequencing identifies eggplant as a regulator of germ cell development in *Drosophila*. *EMBO reports*, 24(10), e56475.

Zhao J, et al. (2023) Genetic dissection of mutual interference between two consecutive learning tasks in *Drosophila*. *eLife*, 12.

Hou Y, et al. (2023) *Drosophila* transition fibers are essential for IFT-dependent ciliary elongation but not basal body docking and ciliary budding. *Current biology : CB*, 33(4), 727.

Guo H, et al. (2022) Comparison of functions of pheromone receptor repertoires in *Helicoverpa armigera* and *Helicoverpa assulta* using a *Drosophila* expression system. *Insect biochemistry and molecular biology*, 141, 103702.

Lu K, et al. (2022) The metabolic resistance of *Nilaparvata lugens* to chlorpyrifos is mainly driven by the carboxylesterase CarE17. *Ecotoxicology and environmental safety*, 241, 113738.

Wan J, et al. (2021) A genetically encoded sensor for measuring serotonin dynamics. *Nature neuroscience*, 24(5), 746.

Guo H, et al. (2021) Contribution of odorant binding proteins to olfactory detection of (Z)-11-hexadecenal in *Helicoverpa armigera*. *Insect biochemistry and molecular biology*, 131, 103554.

Hudson AM, et al. (2021) Tissue-specific dynamic codon redefinition in *Drosophila*. *Proceedings of the National Academy of Sciences of the United States of America*, 118(5).

Yang J, et al. (2021) Identification of a gustatory receptor tuned to sinigrin in the cabbage butterfly *Pieris rapae*. *PLoS genetics*, 17(7), e1009527.

Yang DM, et al. (2020) High-performance FRET biosensors for single-cell and in vivo lead detection. *Biosensors & bioelectronics*, 168, 112571.

Wu F, et al. (2020) A neuropeptide regulates fighting behavior in *Drosophila melanogaster*. *eLife*, 9.

Venkatasubramanian L, et al. (2019) Stereotyped terminal axon branching of leg motor neurons mediated by IgSF proteins DIP-? and Dpr10. *eLife*, 8.

Tsarouhas V, et al. (2019) WASH phosphorylation balances endosomal versus cortical actin network integrities during epithelial morphogenesis. *Nature communications*, 10(1), 2193.