

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

Ac5-STABLE2-neo

RRID:Addgene_32426

Type: Plasmid

Proper Citation

RRID:Addgene_32426

Plasmid Information

URL: <http://www.addgene.org/32426>

Proper Citation: RRID:Addgene_32426

Insert Name: Flag-mCherry-T2A-GFP-T2A-neo

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22355594](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:Ac5/V5-HIS; Vector Types:Insect Expression; Bacterial Resistance:Ampicillin

Comments: For multicistronic expression in insect cells. FLAG-mCherry, GFP, or Neo can be removed or replaced. N-terminal or C-terminal fusions to either FLAG-mCherry or GFP are possible. Note: mCherry DNA sequence is modified from original Tsien sequence (AA sequence is unchanged). AA sequence of T2A peptides is identical, but DNA sequence differs.

Plasmid Name: Ac5-STABLE2-neo

Record Creation Time: 20220422T222140+0000

Record Last Update: 20260815T081341+0000

Ratings and Alerts

No rating or validation information has been found for Ac5-STABLE2-neo.

No alerts have been found for Ac5-STABLE2-neo.

Data and Source Information

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Muramoto M, et al. (2025) Executioner caspase is proximal to Fasciclin 3 which facilitates non-lethal activation in Drosophila olfactory receptor neurons. *eLife*, 13.

Nagai H, et al. (2024) Highly regenerative species-specific genes improve age-associated features in the adult Drosophila midgut. *BMC biology*, 22(1), 157.

Stefanelli C, et al. (2024) Functional characterization of the second feedback loop in the circadian clock of the Antarctic krill *Euphausia superba*. *BMC biology*, 22(1), 298.

Kamemura K, et al. (2024) Secretion of endoplasmic reticulum protein VAPB/ALS8 requires topological inversion. *Nature communications*, 15(1), 8777.

Teague AG, et al. (2023) A polycistronic transgene design for combinatorial genetic perturbations from a single transcript in Drosophila. *PLoS genetics*, 19(6), e1010792.

Corr?? S, et al. (2023) Drosophila Mpv17 forms an ion channel and regulates energy metabolism. *iScience*, 26(10), 107955.

Tesla B, et al. (2022) Temperate Conditions Limit Zika Virus Genome Replication. *Journal of virology*, 96(10), e0016522.

Caraballo GI, et al. (2022) The Dengue Virus Nonstructural Protein 1 (NS1) Interacts with the Putative Epigenetic Regulator DIDO1 to Promote Flavivirus Replication in Mosquito Cells. *Journal of virology*, 96(12), e0070422.

Lin B, et al. (2022) An AMPK phosphoregulated RhoGEF feedback loop tunes cortical flow-driven amoeboid migration in vivo. *Science advances*, 8(37), eabo0323.

Xu Y, et al. (2022) CRISPR screens in Drosophila cells identify Vsg as a Tc toxin receptor. *Nature*, 610(7931), 349.

Tanaka A, et al. (2022) Stress-dependent cell stiffening by tardigrade tolerance proteins that reversibly form a filamentous network and gel. *PLoS biology*, 20(9), e3001780.

Schellinger JN, et al. (2022) Chloride oscillation in pacemaker neurons regulates circadian rhythms through a chloride-sensing WNK kinase signaling cascade. *Current biology : CB*, 32(6), 1429.

Boyd-Shiwerski CR, et al. (2022) WNK kinases sense molecular crowding and rescue cell volume via phase separation. *Cell*, 185(24), 4488.

Pleinis JM, et al. (2021) WNKs are potassium-sensitive kinases. *American journal of physiology. Cell physiology*, 320(5), C703.

Lin B, et al. (2020) Collectively stabilizing and orienting posterior migratory forces disperses cell clusters in vivo. *Nature communications*, 11(1), 4477.

Huynh N, et al. (2020) Spatial and temporal control of gene manipulation in *Drosophila* via drug-activated Cas9 nucleases. *Insect biochemistry and molecular biology*, 120, 103336.

Boukhatmi H, et al. (2020) Notch Mediates Inter-tissue Communication to Promote Tumorigenesis. *Current biology : CB*, 30(10), 1809.

Huynh N, et al. (2019) Glycogen branching enzyme controls cellular iron homeostasis via Iron Regulatory Protein 1 and mitoNEET. *Nature communications*, 10(1), 5463.

Rosales Ramirez R, et al. (2019) The Dengue Virus Nonstructural Protein 1 (NS1) Is Secreted from Mosquito Cells in Association with the Intracellular Cholesterol Transporter Chaperone Caveolin Complex. *Journal of virology*, 93(4).

Garcia-Marques J, et al. (2019) Unlimited Genetic Switches for Cell-Type-Specific Manipulation. *Neuron*, 104(2), 227.