

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

GFP-Rab5

RRID:Addgene_31733

Type: Plasmid

Proper Citation

RRID:Addgene_31733

Plasmid Information

URL: <http://www.addgene.org/31733>

Proper Citation: RRID:Addgene_31733

Insert Name: Rab5

Organism: Drosophila melanogaster

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21169635](#)

Vector Backbone Description: Backbone Marker:Drosophila Gateway Collection; Vector Backbone:pAGW; Vector Types:Insect Expression; Bacterial Resistance:Ampicillin

Plasmid Name: GFP-Rab5

Record Creation Time: 20220422T222137+0000

Record Last Update: 20260815T081336+0000

Ratings and Alerts

No rating or validation information has been found for GFP-Rab5.

No alerts have been found for GFP-Rab5.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Kim JA, et al. (2026) HAP1 interaction with KCNQ4 attenuates channel surface expression and function. *Molecules and cells*, 49(3), 100322.

Marchesan E, et al. (2024) Activation of Ca²⁺ phosphatase Calcineurin regulates Parkin translocation to mitochondria and mitophagy in flies. *Cell death and differentiation*, 31(2), 217.

Ecker M, et al. (2022) SNX9-induced membrane tubulation regulates CD28 cluster stability and signalling. *eLife*, 11.

Shi L, et al. (2018) Coupling of microtubule motors with AP-3 generated organelles in axons by NEEP21 family member calcyon. *Molecular biology of the cell*, 29(17), 2055.

Vogelgesang S, et al. (2017) Analysis of the Serotonergic System in a Mouse Model of Rett Syndrome Reveals Unusual Upregulation of Serotonin Receptor 5b. *Frontiers in molecular neuroscience*, 10, 61.

Niebert S, et al. (2017) The Serotonin Receptor Subtype 5b Specifically Interacts with Serotonin Receptor Subtype 1A. *Frontiers in molecular neuroscience*, 10, 299.

Scolari S, et al. (2016) Modulation of cell surface transport and lipid raft localization by the cytoplasmic tail of the influenza virus hemagglutinin. *Cellular microbiology*, 18(1), 125.

Ross NL, et al. (2016) Overexpression of caveolin-1 in inflammatory breast cancer cells enables IBC-specific gene delivery and prodrug conversion using histone-targeted polyplexes. *Biotechnology and bioengineering*, 113(12), 2686.

Ross NL, et al. (2015) Histone-targeted Polyplexes Avoid Endosomal Escape and Enter the Nucleus During Postmitotic Redistribution of ER Membranes. *Molecular therapy. Nucleic acids*, 4(2), e226.