

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

pcDNA3.1-GGamma9-GFP2

RRID:Addgene_140991

Type: Plasmid

Proper Citation

RRID:Addgene_140991

Plasmid Information

URL: <http://www.addgene.org/140991>

Proper Citation: RRID:Addgene_140991

Insert Name: GGamma9-GFP2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32367019](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5432; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: These plasmids were generated as part of the Illuminating the Druggable Genome (IDG) program sponsored by the NIH Common Fund. The goal of this program is to identify, gather, and distribute information and resources for proteins that currently are not well-studied yet belong to commonly drug-targeted protein families: protein kinases, non-olfactory G-protein coupled receptors (GPCRs), and ion channels. The IDG program is designed to develop fundamental research tools for understudied proteins, elucidate their function, and disseminate the IDG-related resources and data to the greater scientific community.

Plasmid Name: pcDNA3.1-GGamma9-GFP2

Record Creation Time: 20220422T221813+0000

Record Last Update: 20260829T075638+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1-GGamma9-GFP2.

No alerts have been found for pcDNA3.1-GGamma9-GFP2.

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](#) .

LaFlam TN, et al. (2025) Phenotypic pleiotropy of missense variants in human B cell confinement receptor P2RY8. Cell genomics, 100981.

LaFlam TN, et al. (2025) Phenotypic pleiotropy of missense variants in human B cell-confinement receptor P2RY8. bioRxiv : the preprint server for biology.

Braga Emidio N, et al. (2024) Nanobody-Mediated Dualsteric Engagement of the Angiotensin Receptor Broadens Biased Ligand Pharmacology. Molecular pharmacology, 105(3), 260.

Yang L, et al. (2024) A quantitative pharmacology model for cannabinoid CB1 receptor mediated by Gi/Gs protein competition. British journal of pharmacology, 181(8), 1324.

Shen S, et al. (2024) Structural basis for hormone recognition and distinctive Gq protein coupling by the kisspeptin receptor. Cell reports, 43(7), 114389.

Zhong X, et al. (2024) A proximity proteomics pipeline with improved reproducibility and throughput. Molecular systems biology, 20(8), 952.

Niebr??gge N, et al. (2024) Disease-Associated Dopamine Receptor D2 Variants Exhibit Functional Consequences Depending on Different Heterotrimeric G-Protein Subunit Combinations. Biomedicines, 13(1).

Lewis V, et al. (2023) A non-hallucinogenic LSD analog with therapeutic potential for mood disorders. Cell reports, 42(3), 112203.

Yahya NA, et al. (2023) Molecular and cellular basis of praziquantel action in the cardiovascular system. American journal of physiology. Cell physiology, 324(2), C573.