

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

pcDNA3.1(+)**IRES GFP**

RRID:Addgene_51406

Type: Plasmid

Proper Citation

RRID:Addgene_51406

Plasmid Information

URL: <http://www.addgene.org/51406>

Proper Citation: RRID:Addgene_51406

Insert Name: IRES GFP

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18523244](#)

Vector Backbone Description: Backbone Marker:Life Technologies; Backbone Size:5440; Vector Backbone:pcDNA3.1(+); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The discrepancies between the Addgene QC sequence and the full sequence have no functional consequence.

Plasmid Name: pcDNA3.1(+)**IRES GFP**

Record Creation Time: 20220422T222302+0000

Record Last Update: 20260815T081617+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1(+)**IRES GFP**.

No alerts have been found for pcDNA3.1(+)**IRES GFP**.

Data and Source Information

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Safari M, et al. (2026) Combined HDAC and eIF4A inhibition: A novel epigenetic therapy for pancreatic ductal adenocarcinoma. Drug resistance updates : reviews and commentaries in antimicrobial and anticancer chemotherapy, 84, 101312.

Kenny CJ, et al. (2025) LUC7 proteins define two major classes of 5' splice sites in animals and plants. Nature communications, 16(1), 1574.

Morano NC, et al. (2025) Members of the DIP and Dpr adhesion protein families use cis inhibition to shape neural development in Drosophila. PLoS biology, 23(3), e3003030.

Yamane K, et al. (2025) ULBP2 Promotes Tumor Progression by Suppressing NKG2D-Mediated Anti-Tumor Immunity. International journal of molecular sciences, 26(7).

Kurbegovic A, et al. (2025) Eliosin-an alternative product from the HmPKD1 locus is a component of endoplasmic reticulum mitochondria membrane contact sites. PloS one, 20(10), e0332969.

Teruya Y, et al. (2025) Ectopic ULBP2 Is Associated with Decreased NKG2D Expression in CD8+ T Cells Under T Cell-Modulatory Conditions in a Murine Tumor Model. Cells, 14(12).

Sanyal S, et al. (2024) A system for inducible mitochondria-specific protein degradation in vivo. Nature communications, 15(1), 1454.

Shang P, et al. (2024) NRP1 is a receptor for mammalian orthoreovirus engaged by distinct capsid subunits. Cell host & microbe, 32(6), 980.

Skaug B, et al. (2023) Reduced digestion of circulating genomic DNA in systemic sclerosis patients with the DNASE1L3 R206C variant. Rheumatology (Oxford, England), 62(9), 3197.

McGuinness CF, et al. (2023) Restriction site associated DNA sequencing for tumour mutation burden estimation and mutation signature analysis. Cancer medicine, 12(23), 21545.

Zakharova VV, et al. (2022) SETDB1 fuels the lung cancer phenotype by modulating epigenome, 3D genome organization and chromatin mechanical properties. Nucleic acids research, 50(8), 4389.

Beppu S, et al. (2022) High cell surface expression and peptide binding affinity of HLA-DQA1*05:03, a susceptible allele of neuromyelitis optica spectrum disorders (NMOSD). Scientific reports, 12(1), 106.

Fagbadebo FO, et al. (2022) A Nanobody-Based Toolset to Monitor and Modify the Mitochondrial GTPase Miro1. *Frontiers in molecular biosciences*, 9, 835302.

von Elsner L, et al. (2022) Biallelic FRA10AC1 variants cause a neurodevelopmental disorder with growth retardation. *Brain : a journal of neurology*, 145(4), 1551.

Wang B, et al. (2022) The endoplasmic reticulum adopts two distinct tubule forms. *Proceedings of the National Academy of Sciences of the United States of America*, 119(18), e2117559119.

Chen K, et al. (2021) Excitation spectral microscopy for highly multiplexed fluorescence imaging and quantitative biosensing. *Light, science & applications*, 10(1), 97.

Estell C, et al. (2021) ZC3H4 restricts non-coding transcription in human cells. *eLife*, 10.

Traenkle B, et al. (2021) Single-Domain Antibodies for Targeting, Detection, and In Vivo Imaging of Human CD4⁺ Cells. *Frontiers in immunology*, 12, 799910.

Ong TT, et al. (2020) pHLuc, a Ratiometric Luminescent Reporter for in vivo Monitoring of Tumor Acidosis. *Frontiers in bioengineering and biotechnology*, 8, 412.

Chen H, et al. (2020) Efficient, continuous mutagenesis in human cells using a pseudo-random DNA editor. *Nature biotechnology*, 38(2), 165.