

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

pcDNA3-mRFP

RRID:Addgene_13032

Type: Plasmid

Proper Citation

RRID:Addgene_13032

Plasmid Information

URL: <http://www.addgene.org/13032>

Proper Citation: RRID:Addgene_13032

Insert Name: Monomer Red Fluorescent Protein

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5446;
Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial
Resistance:Ampicillin

Comments: mRFP cloned into the old, discontinued pcDNA3 vector from Invitrogen.

Plasmid Name: pcDNA3-mRFP

Record Creation Time: 20220422T221725+0000

Record Last Update: 20260905T074724+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-mRFP.

No alerts have been found for pcDNA3-mRFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 49 mentions in open access literature.

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

Alsabbagh M, et al. (2026) Autosomal recessive A20 zinc finger 7 mutation is associated with early-onset lupus-like disease. *Inflammation research : official journal of the European Histamine Research Society ... [et al.]*, 75(1).

Xiao B, et al. (2025) Spatiotemporal distribution of YAP and importin- β in nucleus and cytosol after wounding of adjacent cells. *In vitro cellular & developmental biology. Animal*, 61(6), 712.

Roeck BF, et al. (2025) Ferroptosis spreads to neighboring cells via plasma membrane contacts. *Nature communications*, 16(1), 2951.

Yi S, et al. (2025) Direct Quantification of Protein-Protein Interactions in Living Bacterial Cells. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(19), e2414777.

Garner RM, et al. (2025) Tissue Fluidity Mediates a Trade-off Between the Speed and Accuracy of Multicellular Patterning by Cell Sorting. *bioRxiv : the preprint server for biology*.

Jia Y, et al. (2025) Melanoma bone metastasis-induced osteocyte ferroptosis via the HIF1 α -HMOX1 axis. *Bone research*, 13(1), 9.

Asadullah , et al. (2025) MMP9 shapes cell mechanics to enable collective invasion in cancer. *NPJ systems biology and applications*, 11(1), 120.

Zambarda C, et al. (2025) CD16A Shedding Regulates Innate Cell Engager-Induced Serial Killing by Natural Killer Cells. *European journal of immunology*, 55(10), e70078.

Dubey Y, et al. (2025) Fluorescent Polyamines for Efficient DNA Condensation and Cellular Uptake. *Small (Weinheim an der Bergstrasse, Germany)*, 21(33), e2503144.

Wang Q, et al. (2025) In vivo proteomic labeling reveals diverse proteomes for therapeutic targets. *Molecular cell*, 85(24), 4651.

Graham JP, et al. (2024) Versatile Cell Penetrating Peptide for Multimodal CRISPR Gene Editing in Primary Stem Cells. *bioRxiv : the preprint server for biology*.

Chen X, et al. (2023) Lysine-Specific Demethylase 4D Is Critical for the Regulation of the Cell Cycle and Antioxidant Capacity in Goat Fibroblast Cells. *Biology*, 12(8).

Araveti PB, et al. (2023) Identification of a Novel Interaction between Theileria Prohibitin (TaPHB-1) and Bovine RuvB-Like AAA ATPase 1. *Microbiology spectrum*, 11(1), e0250222.

Burton JC, et al. (2023) Fluorescence resonance energy transfer (FRET) spatiotemporal mapping of atypical P38 reveals an endosomal and cytosolic spatial bias. *Scientific reports*, 13(1), 7477.

Kapoor-Vazirani P, et al. (2022) SAMHD1 deacetylation by SIRT1 promotes DNA end resection by facilitating DNA binding at double-strand breaks. *Nature communications*, 13(1), 6707.

Ramírez-Torres A, et al. (2022) Quantitative Proteomic Analysis of Cervical Cancer Tissues Identifies Proteins Associated With Cancer Progression. *Cancer genomics & proteomics*, 19(2), 241.

Kajiwar K, et al. (2022) Ferroptosis induces membrane blebbing in placental trophoblasts. *Journal of cell science*, 135(5).

Choi S, et al. (2022) Enhanced tumor targeting and timely viral release of mesenchymal stem cells/oncolytic virus complex due to GRP78 and inducible E1B55K expressions greatly increase the antitumor effect of systemic treatment. *Molecular therapy oncolytics*, 27, 26.

Deng M, et al. (2021) Long non-coding RNA Inc_3712 impedes nuclear reprogramming via repressing Kdm5b. *Molecular therapy. Nucleic acids*, 24, 54.

Permyer M, et al. (2021) Efficient IL-2R signaling differentially affects the stability, function, and composition of the regulatory T-cell pool. *Cellular & molecular immunology*, 18(2), 398.