Resource Summary Report

Generated by nidm-terms on Aug 9, 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: 20260808T080740+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 nidm-terms .

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-? 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 ?-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.

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

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.

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.

Kajiwara 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 lnc_3712 impedes nuclear reprogramming via repressing Kdm5b. Molecular therapy. Nucleic acids, 24, 54.

Permanyer 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.