Resource Summary Report

Generated by RRID on Aug 25, 2026

pDest-mCherry-N1

RRID:Addgene_31907
Type: Plasmid

Proper Citation

RRID:Addgene_31907

Plasmid Information

URL: http://www.addgene.org/31907

Proper Citation: RRID:Addgene_31907

Bacterial Resistance: Chloramphenicol and Kanamycin

Defining Citation: PMID:20169111

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4722; Vector Backbone:pmcherry-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Chloramphenicol and Kanamycin

Comments: Please note: the orientation of the MCS within this plasmid places mCherry on the c-terminus of your gene of interest.

Plasmid Name: pDest-mCherry-N1

Record Creation Time: 20220422T222138+0000

Record Last Update: 20260815T081337+0000

Ratings and Alerts

No rating or validation information has been found for pDest-mCherry-N1.

No alerts have been found for pDest-mCherry-N1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Baum R, et al. (2025) A truncated isoform of Connexin43 caps actin to organize forward delivery of full-length Connexin43. The Journal of cell biology, 224(3).

Satouh Y, et al. (2025) Endosomal-lysosomal organellar assembly (ELYSA) structures coordinate lysosomal degradation systems through mammalian oocyte-to-embryo transition. eLife, 13.

Fujise K, et al. (2025) Synaptic vesicle characterization of iPSC-derived dopaminergic neurons provides insight into distinct secretory vesicle pools. NPJ Parkinson's disease, 11(1), 16.

Taniguchi S, et al. (2022) The Ubiquitin Ligase RNF34 Participates in the Peripheral Quality Control of CFTR (RNF34 Role in CFTR PeriQC). Frontiers in molecular biosciences, 9, 840649.

Hegazy L, et al. (2022) Identification of Novel Mitochondrial Pyruvate Carrier Inhibitors by Homology Modeling and Pharmacophore-Based Virtual Screening. Biomedicines, 10(2).

Morita A, et al. (2021) Clathrin-mediated endocytosis is essential for the selective degradation of maternal membrane proteins and preimplantation development. Development (Cambridge, England), 148(14).

Raza S, et al. (2021) SOX9 is required for kidney fibrosis and activates NAV3 to drive renal myofibroblast function. Science signaling, 14(672).

Moritz MNO, et al. (2021) Biphasic ??1 Integrin Expression in Breast Cancer Metastasis to Bone. International journal of molecular sciences, 22(13).

Chanez B, et al. (2021) EB1 Restricts Breast Cancer Cell Invadopodia Formation and Matrix Proteolysis via FAK. Cells, 10(2).

Davenport EC, et al. (2019) Autism and Schizophrenia-Associated CYFIP1 Regulates the Balance of Synaptic Excitation and Inhibition. Cell reports, 26(8), 2037.

Zhang Y, et al. (2019) Tail domains of myosin-1e regulate phosphatidylinositol signaling and F-actin polymerization at the ventral layer of podosomes. Molecular biology of the cell, 30(5), 622.

Sakai R, et al. (2019) The integral function of the endocytic recycling compartment is regulated by RFFL-mediated ubiquitylation of Rab11 effectors. Journal of cell science, 132(3).

Schlögl E, et al. (2018) Keratin Retraction and Desmoglein3 Internalization Independently Contribute to Autoantibody-Induced Cell Dissociation in Pemphigus Vulgaris. Frontiers in immunology, 9, 858.

Chuang LS, et al. (2016) A Frameshift in CSF2RB Predominant Among Ashkenazi Jews Increases Risk for Crohn's Disease and Reduces Monocyte Signaling via GM-CSF.

Gastroenterology, 151(4), 710.

Nakazawa N, et al. (2016) Matrix mechanics controls FHL2 movement to the nucleus to activate p21 expression. Proceedings of the National Academy of Sciences of the United States of America, 113(44), E6813.

Mouli S, et al. (2015) The role of frataxin in doxorubicin-mediated cardiac hypertrophy. American journal of physiology. Heart and circulatory physiology, 309(5), H844.

Wu D, et al. (2014) Intramolecular interactions between the Dbl homology (DH) domain and the carboxyl-terminal region of myosin II-interacting guanine nucleotide exchange factor (MyoGEF) act as an autoinhibitory mechanism for the regulation of MyoGEF functions. The Journal of biological chemistry, 289(49), 34033.