Resource Summary Report

Generated by dkNET on Sep 4, 2026

pmiRFP670-N1

RRID:Addgene_79987
Type: Plasmid

Proper Citation

RRID:Addgene_79987

Plasmid Information

URL: http://www.addgene.org/79987

Proper Citation: RRID:Addgene_79987

Insert Name: miRFP670

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: PMID:27539380

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4012; Vector Backbone:pN1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pmiRFP670-N1

Record Creation Time: 20220422T222523+0000

Record Last Update: 20260902T050245+0000

Ratings and Alerts

No rating or validation information has been found for pmiRFP670-N1.

No alerts have been found for pmiRFP670-N1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Kim SH, et al. (2026) Remodeling synaptic connections via engineered neuron-astrocyte interactions. Nature communications, 17(1).

Mao S, et al. (2025) Spuriously transcribed RNAs from CRISPR-sgRNA expression plasmids scaffold biomolecular condensate formation and hamper accurate genomic imaging. Nucleic acids research, 53(6).

Hariharan V, et al. (2025) Superinfection promotes replication and diversification of defective HIV-1 proviruses in people with non-suppressible viraemia. Nature microbiology, 10(11), 2736.

Hu J, et al. (2022) Local temporal Rac1-GTP nadirs and peaks restrict cell protrusions and retractions. Science advances, 8(12), eabl3667.

Ke PY, et al. (2022) Baicalein Activates Parkin-Dependent Mitophagy through NDP52 and OPTN. Cells, 11(7).

Aksenova V, et al. (2022) Analysis of Nucleoporin Function Using Inducible Degron Techniques. Methods in molecular biology (Clifton, N.J.), 2502, 129.

Johnson C, et al. (2022) Capturing the start point of the virus-cell interaction with high-speed 3D single-virus tracking. Nature methods, 19(12), 1642.

Suzuki S, et al. (2022) A chemogenetic platform for controlling plasma membrane signaling and synthetic signal oscillation. Cell chemical biology, 29(9), 1446.

Miki T, et al. (2022) Effects of Hydrophobic Residues on the Intracellular Self-Assembly of De Novo Designed Peptide Tags and Their Orthogonality. ACS synthetic biology, 11(6), 2144.

Müller PM, et al. (2022) A screening-compatible live cell fluorescence resonance energy transfer-based assay for modulation of Rho GTPase activity. STAR protocols, 3(4), 101705.

Möller K, et al. (2022) A role for the centrosome in regulating the rate of neuronal efferocytosis by microglia in vivo. eLife, 11.

Scheffler K, et al. (2021) Two mechanisms drive pronuclear migration in mouse zygotes. Nature communications, 12(1), 841.

Ganga AK, et al. (2021) Rab34 GTPase mediates ciliary membrane formation in the intracellular ciliogenesis pathway. Current biology : CB, 31(13), 2895.

di Pietro F, et al. (2021) Rapid and robust optogenetic control of gene expression in Drosophila. Developmental cell, 56(24), 3393.

Nguyen H, et al. (2021) Efficient Inhibition of HIV Using CRISPR/Cas13d Nuclease System. Viruses, 13(9).

Li T, et al. (2021) Cytosolic GPR37, but not GPR37L1, multimerization and its reversal by Parkin: A live cell imaging study. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 35(12), e22055.

Lehtimäki JI, et al. (2021) Generation of stress fibers through myosin-driven reorganization of the actin cortex. eLife, 10.

Jiang X, et al. (2021) Condensation of pericentrin proteins in human cells illuminates phase separation in centrosome assembly. Journal of cell science, 134(14).

Houser MC, et al. (2020) A Novel NIR-FRET Biosensor for Reporting PS/?-Secretase Activity in Live Cells. Sensors (Basel, Switzerland), 20(21).

Shaaya M, et al. (2020) Light-regulated allosteric switch enables temporal and subcellular control of enzyme activity. eLife, 9.