Resource Summary Report

Generated by dkNET on Aug 24, 2026

pmScarlet-i_C1

RRID:Addgene_85044
Type: Plasmid

Proper Citation

RRID:Addgene_85044

Plasmid Information

URL: http://www.addgene.org/85044

Proper Citation: RRID:Addgene_85044

Insert Name: mScarlet-i

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: PMID:27869816

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4000; Vector Backbone:pC1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pmScarlet-i_C1

Record Creation Time: 20220422T222547+0000

Record Last Update: 20260815T082121+0000

Ratings and Alerts

No rating or validation information has been found for pmScarlet-i_C1.

No alerts have been found for pmScarlet-i_C1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 51 mentions in open access literature.

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

Ahmad M, et al. (2026) A Site-Specific Self-Association of a Protein Hub Drives Its Phase Separation. ACS chemical biology, 21(1), 46.

Johansson JM, et al. (2025) Cellular and biophysical barriers to lipid nanoparticle mediated delivery of RNA to the cytosol. Nature communications, 16(1), 5354.

Shigeta M, et al. (2025) Generation of Knock-In Syrian Hamsters via Zygote Microinjection Using CRISPR/Cas9 Genome Editing. Genesis (New York, N.Y. : 2000), 63(5), e70027.

Abe T, et al. (2025) Efficient CRISPR/Cas9-mediated knockin of reporter genes in rats at ROSA26 by pronuclear microinjection. Development, growth & differentiation, 67(4), 215.

Pemberton JG, et al. (2025) Acute diacylglycerol production activates critical membrane-shaping proteins leading to mitochondrial tubulation and fission. Nature communications, 16(1), 2685.

Lee H, et al. (2025) A Rho GTPase-effector ensemble governs cell migration behavior. Nature communications, 16(1), 9637.

Takahashi T, et al. (2025) Weight Gain With Advancing Age Is Controlled by the Muscarinic Acetylcholine Receptor M4 in Male Mice. Endocrinology, 166(6).

Boswell CW, et al. (2025) Genetically encoded affinity reagents are a toolkit for visualizing and manipulating endogenous protein function in vivo. Nature communications, 16(1), 5503.

Spahn C, et al. (2025) The nucleoid of rapidly growing Escherichia coli localizes close to the inner membrane and is organized by transcription, translation, and cell geometry. Nature communications, 16(1), 3732.

Kumar R, et al. (2024) DENND6A links Arl8b to a Rab34/RILP/dynein complex, regulating lysosomal positioning and autophagy. Nature communications, 15(1), 919.

Muniesa-Vargas A, et al. (2024) Persistent TFIIH binding to non-excised DNA damage causes cell and developmental failure. Nature communications, 15(1), 3490.

Moreno-Aguilera M, et al. (2024) KIS counteracts PTBP2 and regulates alternative exon usage in neurons. eLife, 13.

Kollmar M, et al. (2024) Actomyosin organelle functions of SPIRE actin nucleators precede animal evolution. Communications biology, 7(1), 832.

Reiter S, et al. (2024) Development of rhesus macaque astrocyte cell lines supporting infection with a panel of viruses. PloS one, 19(5), e0303059.

Janusz-Kaminska A, et al. (2024) Rab11 regulates autophagy at dendritic spines in an mTOR- and NMDA-dependent manner. Molecular biology of the cell, 35(3), ar43.

Martin RM, et al. (2023) Live-cell imaging unveils distinct R-loop populations with heterogeneous dynamics. Nucleic acids research, 51(20), 11010.

Kumar S, et al. (2023) Cas phosphorylation regulates focal adhesion assembly. eLife, 12.

Kan WL, et al. (2023) Distinct Assemblies of Heterodimeric Cytokine Receptors Govern Stemness Programs in Leukemia. Cancer discovery, 13(8), 1922.

Sidhaye J, et al. (2023) Integrated transcriptome and proteome analysis reveals posttranscriptional regulation of ribosomal genes in human brain organoids. eLife, 12.

Danielsson BE, et al. (2023) Nuclear lamina strain states revealed by intermolecular force biosensor. Nature communications, 14(1), 3867.