Resource Summary Report

Generated by NIF on Sep 8, 2026

pmScarlet_C1

RRID:Addgene_85042
Type: Plasmid

Proper Citation

RRID:Addgene_85042

Plasmid Information

URL: http://www.addgene.org/85042

Proper Citation: RRID:Addgene_85042

Insert Name: mScarlet

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_C1

Record Creation Time: 20220422T222547+0000

Record Last Update: 20260905T080235+0000

Ratings and Alerts

No rating or validation information has been found for pmScarlet_C1.

No alerts have been found for pmScarlet_C1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 73 mentions in open access literature.

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

Feng C, et al. (2026) A genome-scale single-cell CRISPRi map of trans gene regulation across human pluripotent stem cell lines. Cell genomics, 6(2), 101076.

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

Hori T, et al. (2026) Dual pathways via CENP-C and Mis18C recruit HJURP for CENP-A deposition into vertebrate centromeres. The EMBO journal, 45(4), 1292.

Ortiz de Ora L, et al. (2025) Phollow reveals in situ phage transmission dynamics in the zebrafish gut microbiome at single-virion resolution. Nature microbiology, 10(5), 1067.

Trusel M, et al. (2025) Synaptic connectivity of sensorimotor circuits for vocal imitation in the songbird. eLife, 14.

Han Z, et al. (2025) A role for human senataxin in contending with pausing and backtracking during transcript elongation. Molecular cell, 85(22), 4166.

M?czy?ska-Wielgosz S, et al. (2025) Toxicity of High-Density Polyethylene Nanoparticles in Combination with Silver Nanoparticles to Caco-2 and HT29MTX Cells Growing in 2D or 3D Culture. Molecules (Basel, Switzerland), 31(1).

Omer S, et al. (2025) Ninein isoform contributions to intracellular processes and macrophage immune function. The Journal of biological chemistry, 301(5), 108419.

Ihara J, et al. (2025) Oxidized low-density lipoprotein potentiates angiotensin II-induced Gq activation through the AT1-LOX1 receptor complex. eLife, 13.

Dehn S, et al. (2025) HIV-1 manipulates CD96 on CD4+ T cells to subvert antiviral immunity. Science advances, 11(36), eadx7485.

Nakazawa N, et al. (2025) PIEZO1-dependent mode switch of neuronal migration in heterogeneous microenvironments in the developing brain. Cell reports, 44(3), 115405.

Saleh NA, et al. (2025) Harnessing Extracellular Vesicles for Stabilized and Functional IL-10 Delivery in Macrophage Immunomodulation. bioRxiv : the preprint server for biology.

Grundy M, et al. (2025) Abnormal nucleoli architecture and aggregate formation in nucleophosmin mutated acute myeloid leukaemia. Journal of cell science, 138(10).

Mashiko D, et al. (2025) Sperm and offspring production in a nonobstructive azoospermia mouse model via testicular mRNA delivery using lipid nanoparticles. Proceedings of the National Academy of Sciences of the United States of America, 122(42), e2516573122.

Bunz M, et al. (2024) CD81 suppresses NF-?B signaling and is downregulated in hepatitis C virus expressing cells. Frontiers in cellular and infection microbiology, 14, 1338606.

Aiken J, et al. (2024) Spastin locally amplifies microtubule dynamics to pattern the axon for presynaptic cargo delivery. Current biology : CB, 34(8), 1687.

Matsumoto K, et al. (2024) Foxo3-mediated physiological cell competition ensures robust tissue patterning throughout vertebrate development. Nature communications, 15(1), 10662.

Deguchi E, et al. (2024) Low-affinity ligands of the epidermal growth factor receptor are long-range signal transmitters in collective cell migration of epithelial cells. Cell reports, 43(11), 114986.

Bertuzzi M, et al. (2024) Epithelial uptake leads to fungal killing in vivo and is aberrant in COPD-derived epithelial cells. iScience, 27(6), 109939.

Ortiz de Ora L, et al. (2024) Phollow: Visualizing Gut Bacteriophage Transmission within Microbial Communities and Living Animals. bioRxiv : the preprint server for biology.