

Resource Summary Report

Generated by [RRID](#) on Sep 2, 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: 20260902T050352+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 [RRID](#) .

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.

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).

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

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

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

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

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*.

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.

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

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

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

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.

Sekine S, et al. (2024) Emergence of periodic circumferential actin cables from the anisotropic fusion of actin nanoclusters during tubulogenesis. *Nature communications*, 15(1), 464.