Resource Summary Report

Generated by dkNET on Aug 7, 2026

mEmerald-N1

RRID:Addgene_53976
Type: Plasmid

Proper Citation

RRID:Addgene_53976

Plasmid Information

URL: http://www.addgene.org/53976

Proper Citation: RRID:Addgene_53976

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mEmerald-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: wtGFP + F64L; S65T; S72A; N149K; M153T; I167T; A206K. Excitation = 487; Emission = 509. Localization data: N1 Cloning Vector

Plasmid Name: mEmerald-N1

Record Creation Time: 20220422T222316+0000

Record Last Update: 20260801T081450+0000

Ratings and Alerts

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

No alerts have been found for mEmerald-N1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Kang H, et al. (2025) Enhanced engraftment and immunomodulatory effects of integrin alpha-2-overexpressing mesenchymal stromal cells in lipopolysaccharide-induced acute lung injury. Stem cell research & therapy, 16(1), 286.

Radhakrishnan P, et al. (2025) Listeria monocytogenes cell-to-cell spread bypasses nutrient limitation for replicating intracellular bacteria. bioRxiv : the preprint server for biology.

Kondrychyn I, et al. (2025) Combined forces of hydrostatic pressure and actin polymerization drive endothelial tip cell migration and sprouting angiogenesis. eLife, 13.

Liebau RC, et al. (2024) Transcription-Coupled Repair of DNA Interstrand Crosslinks by UVSSA. bioRxiv : the preprint server for biology.

Foran G, et al. (2024) Notch1 Phase Separation Coupled Percolation facilitates target gene expression and enhancer looping. bioRxiv : the preprint server for biology.

Foran G, et al. (2024) Notch1 Phase Separation Coupled Percolation facilitates target gene expression and enhancer looping. Scientific reports, 14(1), 21912.

Clemens DJ, et al. (2023) SARS-CoV-2 spike protein-mediated cardiomyocyte fusion may contribute to increased arrhythmic risk in COVID-19. PloS one, 18(3), e0282151.

North K, et al. (2022) Synthetic introns enable splicing factor mutation-dependent targeting of cancer cells. Nature biotechnology, 40(7), 1103.

Lyu S, et al. (2022) GPR108 is required for gambogic acid inhibiting NF-?B signaling in cancer. Pharmacological research, 182, 106279.

Wang B, et al. (2022) Neddylation is essential for ?-catenin degradation in Wnt signaling pathway. Cell reports, 38(12), 110538.

Iwashita J, et al. (2021) Integrin ?1 subunit regulates cellular and secreted MUC5AC and MUC5B production in NCI-H292 human lung epithelial cells. Biochemistry and biophysics reports, 28, 101124.

Feliciano D, et al. (2021) YAP1 nuclear efflux and transcriptional reprograming follow membrane diminution upon VSV-G-induced cell fusion. Nature communications, 12(1), 4502.

Navaratnarajah CK, et al. (2021) Highly Efficient SARS-CoV-2 Infection of Human Cardiomyocytes: Spike Protein-Mediated Cell Fusion and Its Inhibition. Journal of virology, 95(24), e0136821.

Willy NM, et al. (2021) De novo endocytic clathrin coats develop curvature at early stages of their formation. Developmental cell, 56(22), 3146.

Hoffman DP, et al. (2020) Correlative three-dimensional super-resolution and block-face electron microscopy of whole vitreously frozen cells. Science (New York, N.Y.), 367(6475).

McCann JV, et al. (2020) Reporter mice for isolating and auditing cell type-specific extracellular vesicles in vivo. Genesis (New York, N.Y. : 2000), 58(7), e23369.

Chen Z, et al. (2020) Connexin32 ameliorates renal fibrosis in diabetic mice by promoting K48-linked NADPH oxidase 4 polyubiquitination and degradation. British journal of pharmacology, 177(1), 145.

Küey C, et al. (2019) Unintended perturbation of protein function using GFP nanobodies in human cells. Journal of cell science, 132(21).

Qu X, et al. (2019) Activity-Dependent Nucleation of Dynamic Microtubules at Presynaptic Boutons Controls Neurotransmission. Current biology : CB, 29(24), 4231.

Feliciano D, et al. (2018) Triggered Cell-Cell Fusion Assay for Cytoplasmic and Organelle Intermixing Studies. Current protocols in cell biology, 81(1), e61.