

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

Emerin pEGFP-C1 (637)

RRID:Addgene_61993

Type: Plasmid

Proper Citation

RRID:Addgene_61993

Plasmid Information

URL: <http://www.addgene.org/61993>

Proper Citation: RRID:Addgene_61993

Insert Name: Emerin

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:21444689](#)

Vector Backbone Description: Backbone Marker:unknown; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: Emerin pEGFP-C1 (637)

Record Creation Time: 20220422T222355+0000

Record Last Update: 20260801T081606+0000

Ratings and Alerts

No rating or validation information has been found for Emerin pEGFP-C1 (637).

No alerts have been found for Emerin pEGFP-C1 (637).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Bosch-Calvet M, et al. (2025) Nuclear stiffness through lamin A/C overexpression differentially modulates chromosomal instability biomarkers. *Biology of the cell*, 117(2), e12001.

Downie L, et al. (2025) Nondisruptive inducible labeling of ER-membrane contact sites using the Lamin B receptor. *PLoS biology*, 23(7), e3003249.

Chen LJ, et al. (2025) Pulsatile flow induces chromatin interaction with lamin-associated proteins to enrich H3K9 methylation in endothelial cells. *Proceedings of the National Academy of Sciences of the United States of America*, 122(12), e2424566122.

Niu Y, et al. (2024) Phosphatidylserine enrichment in the nuclear membrane regulates key enzymes of phosphatidylcholine synthesis. *The EMBO journal*, 43(16), 3414.

Introini V, et al. (2023) Centripetal nuclear shape fluctuations associate with chromatin condensation in early prophase. *Communications biology*, 6(1), 715.

Lavenus SB, et al. (2022) Emerin regulation of nuclear stiffness is required for fast amoeboid migration in confined environments. *Journal of cell science*, 135(8).

Rubio-Ramos A, et al. (2022) MALL, a membrane-tetra-spanning proteolipid overexpressed in cancer, is present in membraneless nuclear biomolecular condensates. *Cellular and molecular life sciences : CMLS*, 79(5), 236.

Saade M, et al. (2020) Multimerization of Zika Virus-NS5 Causes Ciliopathy and Forces Premature Neurogenesis. *Cell stem cell*, 27(6), 920.

Nasta??y P, et al. (2020) Role of the nuclear membrane protein Emerin in front-rear polarity of the nucleus. *Nature communications*, 11(1), 2122.

Cabukusta B, et al. (2020) Human VAPome Analysis Reveals MOSPD1 and MOSPD3 as Membrane Contact Site Proteins Interacting with FFAT-Related FFNT Motifs. *Cell reports*, 33(10), 108475.

Li Y, et al. (2019) The N-cadherin interactome in primary cardiomyocytes as defined using quantitative proximity proteomics. *Journal of cell science*, 132(3).

Kituyi SN, et al. (2018) Hop/STIP1 depletion alters nuclear structure via depletion of nuclear structural protein emerin. *Biochemical and biophysical research communications*, 507(1-4), 503.

Wang H, et al. (2018) CRISPR-Mediated Programmable 3D Genome Positioning and Nuclear Organization. *Cell*, 175(5), 1405.