

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 27, 2025

pBABE-puro-GFP-wt-lamin A

RRID:Addgene_17662

Type: Plasmid

Proper Citation

RRID:Addgene_17662

Plasmid Information

URL: <http://www.addgene.org/17662>

Proper Citation: RRID:Addgene_17662

Insert Name: GFP-lamin A

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18311132](#)

Vector Backbone Description: Backbone Size:5200; Vector Backbone:pBABE-puro; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: This vector was generated by cloning the NheI–BamHI fragment from pEGFP–wt-lamin A into the BamHI site of the pBABE-puro vector after filling of the ends.

Plasmid Name: pBABE-puro-GFP-wt-lamin A

Record Creation Time: 20220422T222020+0000

Record Last Update: 20230915T080707+0000

Ratings and Alerts

No rating or validation information has been found for pBABE-puro-GFP-wt-lamin A.

No alerts have been found for pBABE-puro-GFP-wt-lamin A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Korsten G, et al. (2024) Nuclear poly-glutamine aggregates rupture the nuclear envelope and hinder its repair. *The Journal of cell biology*, 223(11).

Ziegler DV, et al. (2024) Cholesterol biosynthetic pathway induces cellular senescence through ERR α . *npj aging*, 10(1), 5.

Tang W, et al. (2023) Indentation induces instantaneous nuclear stiffening and unfolding of nuclear envelope wrinkles. *Proceedings of the National Academy of Sciences of the United States of America*, 120(36), e2307356120.

Frankel D, et al. (2022) miR-376a-3p and miR-376b-3p overexpression in Hutchinson-Gilford progeria fibroblasts inhibits cell proliferation and induces premature senescence. *iScience*, 25(2), 103757.

Tang Y, et al. (2022) Matrix remodeling controls a nuclear lamin A/C-emerin network that directs Wnt-regulated stem cell fate. *Developmental cell*, 57(4), 480.

Urciuoli E, et al. (2021) Lamin A/C Mechanosensor Drives Tumor Cell Aggressiveness and Adhesion on Substrates With Tissue-Specific Elasticity. *Frontiers in cell and developmental biology*, 9, 712377.

Velez-Aguilera G, et al. (2020) PLK-1 promotes the merger of the parental genome into a single nucleus by triggering lamina disassembly. *eLife*, 9.

Dunlevy KL, et al. (2020) The PRR14 heterochromatin tether encodes modular domains that mediate and regulate nuclear lamina targeting. *Journal of cell science*, 133(10).

Young AM, et al. (2020) BAF facilitates interphase nuclear membrane repair through recruitment of nuclear transmembrane proteins. *Molecular biology of the cell*, 31(15), 1551.