

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

mEmerald-LaminA-N-18

RRID:Addgene_54139

Type: Plasmid

Proper Citation

RRID:Addgene_54139

Plasmid Information

URL: <http://www.addgene.org/54139>

Proper Citation: RRID:Addgene_54139

Insert Name: LaminA

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

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

Comments: . Excitation = 487; Emission = 509. Localization data: Nuclear Envelope

Plasmid Name: mEmerald-LaminA-N-18

Record Creation Time: 20220422T222317+0000

Record Last Update: 20260725T074837+0000

Ratings and Alerts

No rating or validation information has been found for mEmerald-LaminA-N-18.

No alerts have been found for mEmerald-LaminA-N-18.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Shah PP, et al. (2021) Pathogenic LMNA variants disrupt cardiac lamina-chromatin interactions and de-repress alternative fate genes. *Cell stem cell*, 28(5), 938.

Rogerson C, et al. (2021) Akt1-associated actomyosin remodelling is required for nuclear lamina dispersal and nuclear shrinkage in epidermal terminal differentiation. *Cell death and differentiation*, 28(6), 1849.

Lionetti MC, et al. (2020) Chromatin and Cytoskeletal Tethering Determine Nuclear Morphology in Progerin-Expressing Cells. *Biophysical journal*, 118(9), 2319.