

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pLPC-N MYC

RRID:Addgene_12540

Type: Plasmid

Proper Citation

RRID:Addgene_12540

Plasmid Information

URL: <http://www.addgene.org/12540>

Proper Citation: RRID:Addgene_12540

Insert Name: N MYC

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:5600; Vector Backbone:pLPC; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLPC-N MYC

Record Creation Time: 20220422T221657+0000

Record Last Update: 20260725T073721+0000

Ratings and Alerts

No rating or validation information has been found for pLPC-N MYC.

No alerts have been found for pLPC-N MYC.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Romero-Zamora D, et al. (2025) A CPC-shelterin-BTR axis regulates mitotic telomere deprotection. *Nature communications*, 16(1), 2277.

Nguyen T, et al. (2025) In silico and in vitro mutational analysis to investigate the structure and pathogenicity of POT1 missense variants. *NAR molecular medicine*, 2(2), ugaf004.

Stuart A, et al. (2024) Replicative senescence is ATM driven, reversible, and accelerated by hyperactivation of ATM at normoxia. *bioRxiv : the preprint server for biology*.

Usman S, et al. (2022) Transcriptome Analysis Reveals Vimentin-Induced Disruption of Cell-Cell Associations Augments Breast Cancer Cell Migration. *Cells*, 11(24).

Caggiano C, et al. (2021) Testicular Germ Cell Tumors Acquire Cisplatin Resistance by Rebalancing the Usage of DNA Repair Pathways. *Cancers*, 13(4).

Laly AC, et al. (2021) The keratin network of intermediate filaments regulates keratinocyte rigidity sensing and nuclear mechanotransduction. *Science advances*, 7(5).

Schüchner S, et al. (2020) The Myc tag monoclonal antibody 9E10 displays highly variable epitope recognition dependent on neighboring sequence context. *Science signaling*, 13(616).

Vizioli MG, et al. (2020) Mitochondria-to-nucleus retrograde signaling drives formation of cytoplasmic chromatin and inflammation in senescence. *Genes & development*, 34(5-6), 428.

Waseem NH, et al. (2020) Mutations in SPATA13/ASEF2 cause primary angle closure glaucoma. *PLoS genetics*, 16(4), e1008721.

Chakravarti D, et al. (2020) Telomere dysfunction activates YAP1 to drive tissue inflammation. *Nature communications*, 11(1), 4766.

Episkopou H, et al. (2019) TSPYL5 Depletion Induces Specific Death of ALT Cells through USP7-Dependent Proteasomal Degradation of POT1. *Molecular cell*, 75(3), 469.

Barroso-González J, et al. (2019) RAD51AP1 Is an Essential Mediator of Alternative Lengthening of Telomeres. *Molecular cell*, 76(1), 11.

Aldehlawi H, et al. (2019) The monoclonal antibody EPR1614Y against the stem cell biomarker keratin K15 lacks specificity and reacts with other keratins. *Scientific reports*, 9(1), 1943.

Silva J, et al. (2018) EXD2 governs germ stem cell homeostasis and lifespan by promoting mitoribosome integrity and translation. *Nature cell biology*, 20(2), 162.

Vancevska A, et al. (2017) The telomeric DNA damage response occurs in the absence of chromatin decompaction. *Genes & development*, 31(6), 567.

de Castro A, et al. (2014) The secreted protein S100A7 (psoriasin) is induced by telomere dysfunction in human keratinocytes independently of a DNA damage response and cell cycle regulators. *Longevity & healthspan*, 3, 8.