

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pLL3.7m-mTurquoise2-SLBP(18-126)-IRES-H1-mMaroon1

RRID:Addgene_83842

Type: Plasmid

Proper Citation

RRID:Addgene_83842

Plasmid Information

URL: <http://www.addgene.org/83842>

Proper Citation: RRID:Addgene_83842

Insert Name: mTurquoise2-SLBP(18-126)-IRES-H1-mMaroon1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27798610](#)

Vector Backbone Description: Backbone Size:6500; Vector Backbone:pLL3.7m; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLL3.7m-mTurquoise2-SLBP(18-126)-IRES-H1-mMaroon1

Record Creation Time: 20220422T222541+0000

Record Last Update: 20260815T082108+0000

Ratings and Alerts

No rating or validation information has been found for pLL3.7m-mTurquoise2-SLBP(18-126)-IRES-H1-mMaroon1.

No alerts have been found for pLL3.7m-mTurquoise2-SLBP(18-126)-IRES-H1-mMaroon1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Gucwa M, et al. (2026) Lack of evidence for transcription-to-RNA maturation lags across G1-to-G2-phase boundary in fibroblasts. *Life science alliance*, 9(10).

Ghose R, et al. (2025) Mitochondria-derived nuclear ATP surge protects against confinement-induced proliferation defects. *Nature communications*, 16(1), 6613.

Gucwa M, et al. (2025) Cell-cycle dynamics of nascent transcription and mature RNA accumulation are concordant in normal fibroblasts. *bioRxiv : the preprint server for biology*.

Tyutyunyk-Massey L, et al. (2025) CDK2 inhibition produces a persistent population of polyploid cancer cells. *JCI insight*, 10(10).

Liu X, et al. (2024) Cell size homeostasis is tightly controlled throughout the cell cycle. *PLoS biology*, 22(1), e3002453.

Zhang J, et al. (2024) Cellular Energy Cycle Mediates an Advection-Like Forward Cell Flow to Support Collective Invasion. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 11(32), e2400719.

Zheng D, et al. (2023) Daughter cell fate choice instructed preemptively by mother cells facing nutrient limitation. *iScience*, 26(7), 107198.

Pascual-Reguant L, et al. (2023) Interactions between BRD4S, LOXL2, and MED1 drive cell cycle transcription in triple-negative breast cancer. *EMBO molecular medicine*, 15(12), e18459.

Mertens S, et al. (2023) Drug-repurposing screen on patient-derived organoids identifies therapy-induced vulnerability in KRAS-mutant colon cancer. *Cell reports*, 42(4), 112324.

Schvartzman JM, et al. (2023) Oncogenic IDH mutations increase heterochromatin-related replication stress without impacting homologous recombination. *Molecular cell*, 83(13), 2347.

Zonderland G, et al. (2022) The TRESLIN-MTBP complex couples completion of DNA replication with S/G2 transition. *Molecular cell*, 82(18), 3350.

Donker L, et al. (2022) A mechanical G2 checkpoint controls epithelial cell division through E-cadherin-mediated regulation of Wee1-Cdk1. *Cell reports*, 41(2), 111475.

Bajar BT, et al. (2021) Simultaneous Detection of Four Cell Cycle Phases with Live Fluorescence Imaging. *Methods in molecular biology (Clifton, N.J.)*, 2274, 25.

Sch??ringer K, et al. (2021) LSP1-myosin1e bimolecular complex regulates focal adhesion dynamics and cell migration. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 35(2), e21268.

Wang X, et al. (2021) Chemical sectioning fluorescence tomography: high-throughput, high-contrast, multicolor, whole-brain imaging at subcellular resolution. *Cell reports*, 34(5), 108709.

Yan C, et al. (2019) Visualizing Engrafted Human Cancer and Therapy Responses in Immunodeficient Zebrafish. *Cell*, 177(7), 1903.

Jones MC, et al. (2018) Cell adhesion is regulated by CDK1 during the cell cycle. *The Journal of cell biology*, 217(9), 3203.