Resource Summary Report

Generated by NIF on Sep 10, 2026

pcDNA3-cmyc

RRID:Addgene_16011
Type: Plasmid

Proper Citation

RRID:Addgene_16011

Plasmid Information

URL: http://www.addgene.org/16011

Proper Citation: RRID:Addgene_16011

Insert Name: cmyc

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:15367674

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Contains cmyc with Kozak.

Plasmid Name: pcDNA3-cmyc

Record Creation Time: 20220422T221906+0000

Record Last Update: 20260905T075036+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-cmyc.

No alerts have been found for pcDNA3-cmyc.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 50 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Lepore Signorile M, et al. (2025) Tailoring a novel colorectal cancer stem cell-targeted therapy by inhibiting the SMYD3/c-MYC axis. Signal transduction and targeted therapy, 10(1), 206.

Williams I, et al. (2025) MYC and HSF1 Cooperate to Drive Sensitivity to Polo-like Kinase 1 Inhibitor Volasertib in High-grade Serous Ovarian Cancer. Cancer research communications, 5(2), 253.

Cheng C, et al. (2025) Coordinated histone methylation loss and MYC activation promote translational capacity under amino acid restriction. Cancer & metabolism, 13(1), 29.

Park J, et al. (2025) MYC plus class IIa HDAC inhibition drives mitochondrial dysfunction in non-small cell lung cancer. Cell reports, 44(6), 115722.

O'Hara SP, et al. (2025) Differential MYC Phosphorylation Drives the Divergent Cholangiocyte Response to Stress. Cellular and molecular gastroenterology and hepatology, 19(10), 101547.

Song X, et al. (2025) Excessive MYC Orchestrates Macrophages induced Chromatin Remodeling to Sustain Micropapillary-Patterned Malignancy in Lung Adenocarcinoma. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(12), e2403851.

Ye T, et al. (2024) Identification of WNK1 as a therapeutic target to suppress IgH/MYC expression in multiple myeloma. Cell reports, 43(5), 114211.

Procel N, et al. (2024) In Vivo Tracking and 3D Mapping of Cell Death in Regeneration and Cancer Using Trypan Blue. Cells, 13(16).

Omar FA, et al. (2023) Cytosolic EpCAM cooperates with H-Ras to regulate epithelial to mesenchymal transition through ZEB1. PloS one, 18(5), e0285707.

Wang S, et al. (2023) CRISPR screening identifies the deubiquitylase ATXN3 as a PD-L1-positive regulator for tumor immune evasion. The Journal of clinical investigation, 133(23).

Walter M, et al. (2023) NUDT22 promotes cancer growth through pyrimidine salvage. Oncogene, 42(16), 1282.

Haraoka Y, et al. (2022) Zebrafish imaging reveals TP53 mutation switching oncogene-induced senescence from suppressor to driver in primary tumorigenesis. Nature communications, 13(1), 1417.

Xiang W, et al. (2022) Palbociclib Induces the Apoptosis of Lung Squamous Cell Carcinoma Cells via RB-Independent STAT3 Phosphorylation. Current oncology (Toronto, Ont.), 29(8), 5855.

Dos Santos A, et al. (2022) Generation of Functional Immortalized Human Corneal Stromal Stem Cells. International journal of molecular sciences, 23(21).

Ghisays F, et al. (2021) RTEL1 influences the abundance and localization of TERRA RNA. Nature communications, 12(1), 3016.

Ghatak S, et al. (2021) FOLFOX Therapy Induces Feedback Upregulation of CD44v6 through YB-1 to Maintain Stemness in Colon Initiating Cells. International journal of molecular sciences, 22(2).

Fisher ML, et al. (2021) BRD4 Regulates Transcription Factor ?Np63? to Drive a Cancer Stem Cell Phenotype in Squamous Cell Carcinomas. Cancer research, 81(24), 6246.

Hassan MS, et al. (2021) Therapeutic Potential of the Cyclin-Dependent Kinase Inhibitor Flavopiridol on c-Myc Overexpressing Esophageal Cancer. Frontiers in pharmacology, 12, 746385.

Cole AJ, et al. (2020) NFATC4 promotes quiescence and chemotherapy resistance in ovarian cancer. JCI insight, 5(7).

Mishra R, et al. (2020) Ubiquitin ligase LRSAM1 suppresses neurodegenerative diseases linked aberrant proteins induced cell death. The international journal of biochemistry & cell biology, 120, 105697.