

Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

[pMyC](#)

RRID:Addgene_42192

Type: Plasmid

Proper Citation

RRID:Addgene_42192

Plasmid Information

URL: <http://www.addgene.org/42192>

Proper Citation: RRID:Addgene_42192

Bacterial Resistance: Hygromycin

Defining Citation: [PMID:33006405](#)

Vector Backbone Description: Backbone Marker:Daugelat et al 2003; Backbone Size:6900; Vector Backbone:pSD26; Vector Types:Bacterial Expression; Bacterial Resistance:Hygromycin

Comments: Vector constructed by Dr. Arie Geerlof at EMBL-Hamburg (now at Helmholtz Zentrum M??nchen)

Plasmid Name: pMyC

Record Creation Time: 20220422T222218+0000

Record Last Update: 20260725T074658+0000

Ratings and Alerts

No rating or validation information has been found for pMyC.

No alerts have been found for pMyC.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Sakiyama A, et al. (2023) Identification of a mycobacterial hydrazidase, an isoniazid-hydrolyzing enzyme. Scientific reports, 13(1), 8180.

Hoi DM, et al. (2023) Clp-targeting BacPROTACs impair mycobacterial proteostasis and survival. Cell, 186(10), 2176.

Morreale FE, et al. (2022) BacPROTACs mediate targeted protein degradation in bacteria. Cell, 185(13), 2338.

Griego A, et al. (2022) RNase E and HupB dynamics foster mycobacterial cell homeostasis and fitness. iScience, 25(5), 104233.

Arnold FM, et al. (2018) A uniform cloning platform for mycobacterial genetics and protein production. Scientific reports, 8(1), 9539.

Goshi N, et al. (2016) Investigation Into the Effects of Nucleotide Content on the Electrical Characteristics of DNA Plasmid Molecular Wires. IEEE transactions on nanobioscience, 15(6), 585.