

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

pTEC16

RRID:Addgene_30175

Type: Plasmid

Proper Citation

RRID:Addgene_30175

Plasmid Information

URL: <http://www.addgene.org/30175>

Proper Citation: RRID:Addgene_30175

Insert Name: Mycobacterium Strong Promoter (MSP)

Organism: M. marinum

Bacterial Resistance: Hygromycin

Defining Citation: [PMID:23680983](#)

Vector Backbone Description: Backbone Marker:Ramakrishnan et al., 2000; Backbone Size:4981; Vector Backbone:pFPV27; Vector Types:Mycobacteria expression; Bacterial Resistance:Hygromycin

Comments: This plasmid was derived from pMSP12::GFP by interrupting the aph gene (removing a small ~300bp NsiI fragment) and inserting the gene for Hygromycin resistance. The GFP was then replaced with mOrange2. The mOrange2 ORF is present at bp# 5620-6330.

Plasmid Name: pTEC16

Record Creation Time: 20220422T222132+0000

Record Last Update: 20260725T074536+0000

Ratings and Alerts

No rating or validation information has been found for pTEC16.

No alerts have been found for pTEC16.

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 [kravitz2](#) .

Hirmond?? R, et al. (2022) The effects of mycobacterial RmlA perturbation on cellular dNTP pool, cell morphology, and replication stress in Mycobacterium smegmatis. PloS one, 17(2), e0263975.

Innes JA, et al. (2022) Phenotyping clonal populations of glioma stem cell reveals a high degree of plasticity in response to changes of microenvironment. Laboratory investigation; a journal of technical methods and pathology, 102(2), 172.

Mohme M, et al. (2017) Optical Barcoding for Single-Clone Tracking to Study Tumor Heterogeneity. Molecular therapy : the journal of the American Society of Gene Therapy, 25(3), 621.