

Resource Summary Report

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

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.

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.

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.