

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 1, 2026

pTEC22

RRID:Addgene_30181

Type: Plasmid

Proper Citation

RRID:Addgene_30181

Plasmid Information

URL: <http://www.addgene.org/30181>

Proper Citation: RRID:Addgene_30181

Insert Name: Mycobacterium Strong Promoter (MSP)

Organism: M. marinum

Bacterial Resistance: Hygromycin

Defining Citation: [PMID:22840407](#)

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 tdKatuschka2. The Katuschka tandem-dimer ORF is present at bp# 44-1522

Plasmid Name: pTEC22

Record Creation Time: 20220422T222132+0000

Record Last Update: 20260829T080341+0000

Ratings and Alerts

No rating or validation information has been found for pTEC22.

No alerts have been found for pTEC22.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Leiwe MN, et al. (2024) Automated neuronal reconstruction with super-multicolour Tetbow labelling and threshold-based clustering of colour hues. Nature communications, 15(1), 5279.

Black HD, et al. (2019) The cyclic nitroxide antioxidant 4-methoxy-TEMPO decreases mycobacterial burden in vivo through host and bacterial targets. Free radical biology & medicine, 135, 157.

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.

Kinnear E, et al. (2015) A Comparison of Red Fluorescent Proteins to Model DNA Vaccine Expression by Whole Animal In Vivo Imaging. PloS one, 10(6), e0130375.