

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

pT18mobsacB

RRID:Addgene_72648

Type: Plasmid

Proper Citation

RRID:Addgene_72648

Plasmid Information

URL: <http://www.addgene.org/72648>

Proper Citation: RRID:Addgene_72648

Bacterial Resistance: Tetracycline

Vector Backbone Description: Backbone Size:6500; Vector Backbone:pT18mobsacB; Vector Types:sucrose counter-selection allelic exchange vector; Bacterial Resistance:Tetracycline

Comments: Cell Microbiol. 2013 Apr;15(4):601-18. doi: 10.1111/cmi.12059. Epub 2012 Nov 21. Wei HL, Chakravarthy S, Worley JN, Collmer A. Consequences of flagellin export through the type III secretion system of Pseudomonas syringae reveal a major difference in the innate immune systems of mammals and the model plant Nicotiana benthamiana.

Plasmid Name: pT18mobsacB

Record Creation Time: 20220422T222446+0000

Record Last Update: 20260808T082110+0000

Ratings and Alerts

No rating or validation information has been found for pT18mobsacB.

No alerts have been found for pT18mobsacB.

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](#) .

Kawaguchi T, et al. (2025) Gene-specific reversal of carbapenem-resistant pseudomonas aeruginosa via phage-delivered CRISPR-Cas13a. npj antimicrobials and resistance, 3(1), 98.

Hu Y, et al. (2024) Bacterial histone HBb from Bdellovibrio bacteriovorus compacts DNA by bending. Nucleic acids research, 52(14), 8193.

Li X, et al. (2021) Efficient conversion of phytosterols into 4-androstene-3,17-dione and its C1,2-dehydrogenized and 9??-hydroxylated derivatives by engineered Mycobacteria. Microbial cell factories, 20(1), 158.

O'Malley MR, et al. (2019) Re-evaluation of a Tn5::gacA mutant of Pseudomonas syringae pv. tomato DC3000 uncovers roles for uvrC and anmK in promoting virulence. PloS one, 14(10), e0223637.