

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

pSMT3-M

RRID:Addgene_26589

Type: Plasmid

Proper Citation

RRID:Addgene_26589

Plasmid Information

URL: <http://www.addgene.org/26589>

Proper Citation: RRID:Addgene_26589

Insert Name: n/a

Bacterial Resistance: Hygromycin

Defining Citation: [PMID:20352111](#)

Vector Backbone Description: Backbone Size:5708; Vector Backbone:pSMT3; Vector Types:Shuttle vector for mycobacteria; Bacterial Resistance:Hygromycin

Comments: Creation and characterisation of a high-copy-number version of the pAL5000 mycobacterial replicon. Tuberculosis (Edinb) 87: 481–488. There are known discrepancies between the Addgene QC sequence and the depositor's full sequence--these are likely due to how the full sequence was assembled and should not affect function.

Plasmid Name: pSMT3-M

Record Creation Time: 20220422T222119+0000

Record Last Update: 20260801T081054+0000

Ratings and Alerts

No rating or validation information has been found for pSMT3-M.

No alerts have been found for pSMT3-M.

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 [dkNET](#) .

Hu W, et al. (2026) Responses of intestinal organoids to infection by Mycobacterium avium resemble symptoms observed in Crohn's disease. Gut microbes, 18(1), 2630483.

Perez MF, et al. (2025) Linear Plasmids in Micrococcus: Insights Into a Common Ancestor and Transfer by Conjugation. Environmental microbiology, 27(1), e70020.

Hu W, et al. (2022) Specificity of the innate immune responses to different classes of non-tuberculous mycobacteria. Frontiers in immunology, 13, 1075473.

Lichev A, et al. (2019) Amino acids as nutritional factors and (p)ppGpp as an alarmone of the stringent response regulate natural transformation in Micrococcus luteus. Scientific reports, 9(1), 11030.