

Resource Summary Report

Generated by [RRID](#) on Aug 18, 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: 20260815T081254+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 [RRID](#) .

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.