

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

pNMT

RRID:Addgene_42578

Type: Plasmid

Proper Citation

RRID:Addgene_42578

Plasmid Information

URL: <http://www.addgene.org/42578>

Proper Citation: RRID:Addgene_42578

Insert Name: N-myristoyl tranferase

Organism: Saccharomyces cerevisiae

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:23027949](#)

Vector Backbone Description: Backbone Marker:Novagen/EMD Millipore; Backbone Size:3600; Vector Backbone:pRSF-1; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: Used for production of myristylated HIV-1 Gag in E. coli.

Plasmid Name: pNMT

Relevant Mutation: two silent mutations T690C and T942C

Record Creation Time: 20220422T222220+0000

Record Last Update: 20260815T081455+0000

Ratings and Alerts

No rating or validation information has been found for pNMT.

No alerts have been found for pNMT.

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](#) .

Loats AE, et al. (2021) Cholesterol is required for transcriptional repression by BASP1. Proceedings of the National Academy of Sciences of the United States of America, 118(29).

Sobajima T, et al. (2018) The Rab11-binding protein RELCH/KIAA1468 controls intracellular cholesterol distribution. The Journal of cell biology, 217(5), 1777.

Marklew CJ, et al. (2018) Membrane remodelling by a lipidated endosomal sorting complex required for transport-III chimera, in vitro. Interface focus, 8(5), 20180035.

Yang ST, et al. (2016) Site-specific fluorescent labeling to visualize membrane translocation of a myristoyl switch protein. Scientific reports, 6, 32866.