Resource Summary Report

Generated by NIF on Aug 7, 2026

pCDNA-FLAG-METTL3

RRID:Addgene_160250
Type: Plasmid

Proper Citation

RRID:Addgene_160250

Plasmid Information

URL: http://www.addgene.org/160250

Proper Citation: RRID:Addgene_160250

Insert Name: methyltransferase like 3

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:30038300

Vector Backbone Description: Backbone Size:5500; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCDNA-FLAG-METTL3

Record Creation Time: 20220422T221907+0000

Record Last Update: 20260801T080639+0000

Ratings and Alerts

No rating or validation information has been found for pCDNA-FLAG-METTL3.

No alerts have been found for pCDNA-FLAG-METTL3.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Thunuguntla P, et al. (2026) Defining the RNA Modification Landscape of Multiple Myeloma Reveals METTL3-Dependent m6A Regulation of NEAT1. bioRxiv : the preprint server for biology.

Petri BJ, et al. (2025) Integrated Nanopore and short-read RNA sequencing identifies dysregulation of METTL3- m6A modifications in endocrine therapy- sensitive and resistant breast cancer cells. Functional & integrative genomics, 25(1), 149.

Miller C, et al. (2025) Pathological ??-synuclein dysregulates epitranscriptomic writer METTL3 to drive neuroinflammation in microglia. Cell reports, 44(5), 115618.

McLaurin DM, et al. (2023) Coilin mediates m6A RNA methylation through phosphorylation of METTL3. Biology open, 12(12).

Collignon E, et al. (2023) m6A RNA methylation orchestrates transcriptional dormancy during paused pluripotency. Nature cell biology, 25(9), 1279.