Resource Summary Report

Generated by RRID on Aug 24, 2026

pCMV-dCas13-M3nls

RRID:Addgene_155366
Type: Plasmid

Proper Citation

RRID:Addgene_155366

Plasmid Information

URL: http://www.addgene.org/155366

Proper Citation: RRID:Addgene_155366

Insert Name: dCas13-M3nls

Organism: Cas13b is from Prevotella sp. P5-125; METTL3 is from H. sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:32601430

Vector Backbone Description: Vector Backbone:pCMV with pBR322 origin; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pCMV-dCas13-M3nls

Relevant Mutation: PspCas13b ??984-1090 H133A

Record Creation Time: 20220422T221851+0000

Record Last Update: 20260815T080801+0000

Ratings and Alerts

No rating or validation information has been found for pCMV-dCas13-M3nls.

No alerts have been found for pCMV-dCas13-M3nls.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Orosco C, et al. (2026) DNA-guided CRISPR-Cas12 for cellular RNA targeting. Nature biotechnology.

Tang H, et al. (2025) Enhanced or reversible RNA N6-methyladenosine editing by red/far-red light induction. Nucleic acids research, 53(5).

Khan D, et al. (2024) Homozygous EPRS1 missense variant causing hypomyelinating leukodystrophy-15 alters variant-distal mRNA m6A site accessibility. Nature communications, 15(1), 4284.

Zheng ZH, et al. (2023) METTL3 is essential for normal progesterone signaling during embryo implantation via m6A-mediated translation control of progesterone receptor. Proceedings of the National Academy of Sciences of the United States of America, 120(5), e2214684120.

Shi H, et al. (2022) Inducible and reversible RNA N6-methyladenosine editing. Nature communications, 13(1), 1958.

Xia Z, et al. (2021) Epitranscriptomic editing of the RNA N6-methyladenosine modification by dCasRx conjugated methyltransferase and demethylase. Nucleic acids research, 49(13), 7361.

Salisbury DA, et al. (2021) Transcriptional regulation of N6-methyladenosine orchestrates sex-dimorphic metabolic traits. Nature metabolism, 3(7), 940.