Resource Summary Report

Generated by RRID on Aug 26, 2026

pMSCV-dCasRx-ALKBH5-PURO

RRID:Addgene_175582
Type: Plasmid

Proper Citation

RRID:Addgene_175582

Plasmid Information

URL: http://www.addgene.org/175582

Proper Citation: RRID:Addgene_175582

Insert Name: dCasRx-ALKBH5

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: PMID:34181729

Vector Backbone Description: Vector Backbone:pMSCV; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pMSCV-dCasRx-ALKBH5-PURO

Relevant Mutation: RfxCas13d R239A/H244A/R858A/H863A

Record Creation Time: 20220422T222015+0000

Record Last Update: 20260815T081052+0000

Ratings and Alerts

No rating or validation information has been found for pMSCV-dCasRx-ALKBH5-PURO.

No alerts have been found for pMSCV-dCasRx-ALKBH5-PURO.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Wang X, et al. (2026) m6A-Mediated Glycolysis by IL-37 Drives T Cell Metabolic Reprogramming to Regulate Colitis. Advanced science (Weinheim, Baden-Wurttemberg, Germany), e20472.

Lan Y, et al. (2025) Synonymous mutations promote tumorigenesis by disrupting m6A-dependent mRNA metabolism. Cell, 188(7), 1828.

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.

Collignon E, et al. (2023) m 6 A RNA methylation orchestrates transcriptional dormancy during developmental pausing. bioRxiv : the preprint server for biology.

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

Wang L, et al. (2022) m6A modification confers thermal vulnerability to HPV E7 oncotranscripts via reverse regulation of its reader protein IGF2BP1 upon heat stress. Cell reports, 41(4), 111546.