

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 29, 2026

MSCV JMJD3

RRID:Addgene_21212
Type: Plasmid

Proper Citation

RRID:Addgene_21212

Plasmid Information

URL: <http://www.addgene.org/21212>

Proper Citation: RRID:Addgene_21212

Insert Name: JMJD3

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18628393](#)

Vector Backbone Description: Backbone Size:6300; Vector Backbone:pMSCVpuro; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: MSCV JMJD3

Record Creation Time: 20220422T222054+0000

Record Last Update: 20260829T080206+0000

Ratings and Alerts

No rating or validation information has been found for MSCV JMJD3.

No alerts have been found for MSCV JMJD3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Cubillos P, et al. (2024) The growth factor EPIREGULIN promotes basal progenitor cell proliferation in the developing neocortex. The EMBO journal, 43(8), 1388.

Mitra S, et al. (2024) A Novel Role for the Histone Demethylase JMJD3 in Mediating Heroin-Induced Relapse-Like Behaviors. Biological psychiatry.

Yang M, et al. (2022) KDM6B promotes PARthanatos via suppression of O6-methylguanine DNA methyltransferase repair and sustained checkpoint response. Nucleic acids research, 50(11), 6313.

van Gils N, et al. (2022) Targeting histone methylation to reprogram the transcriptional state that drives survival of drug-tolerant myeloid leukemia persists. iScience, 25(9), 105013.

D'Oto A, et al. (2021) KDM6B promotes activation of the oncogenic CDK4/6-pRB-E2F pathway by maintaining enhancer activity in MYCN-amplified neuroblastoma. Nature communications, 12(1), 7204.

Yang L, et al. (2019) Histone demethylase KDM6B has an anti-tumorigenic function in neuroblastoma by promoting differentiation. Oncogenesis, 8(1), 3.

Al Labban D, et al. (2018) Notch-effector CSL promotes squamous cell carcinoma by repressing histone demethylase KDM6B. The Journal of clinical investigation, 128(6), 2581.

Sherry-Lynes MM, et al. (2017) Regulation of the JMJD3 (KDM6B) histone demethylase in glioblastoma stem cells by STAT3. PloS one, 12(4), e0174775.

Benyoucef A, et al. (2016) UTX inhibition as selective epigenetic therapy against TAL1-driven T-cell acute lymphoblastic leukemia. Genes & development, 30(5), 508.