

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

PB-TRE-dCas9-KRAB-MeCP2

RRID:Addgene_122267

Type: Plasmid

Proper Citation

RRID:Addgene_122267

Plasmid Information

URL: <http://www.addgene.org/122267>

Proper Citation: RRID:Addgene_122267

Insert Name: dCas9-KRAB-MeCP2

Organism: Synthetic

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:PB-TRE; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/2021.06.28.449297v5> for bioRxiv preprint.

Plasmid Name: PB-TRE-dCas9-KRAB-MeCP2

Record Creation Time: 20220422T221640+0000

Record Last Update: 20260815T080343+0000

Ratings and Alerts

No rating or validation information has been found for PB-TRE-dCas9-KRAB-MeCP2.

No alerts have been found for PB-TRE-dCas9-KRAB-MeCP2.

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](#) .

Shimazu T, et al. (2025) Mitochondrial hyper-acetylation induced by an engineered acetyltransferase promotes cellular senescence. *iScience*, 28(9), 113233.

Lodewijk GA, et al. (2025) Application of CRISPR-Based Epigenome Editing Tools for Engineering Programmable Embryo Models. *Methods in molecular biology* (Clifton, N.J.).

Yang J, et al. (2024) Systematic evaluation of retroviral LTRs as cis-regulatory elements in mouse embryos. *Cell reports*, 43(3), 113775.

Tan WS, et al. (2024) Validation of Candidate Host Cell Entry Factors for Bovine Herpes Virus Type-1 Based on a Genome-Wide CRISPR Knockout Screen. *Viruses*, 16(2).

Sakashita A, et al. (2023) Transcription of MERVL retrotransposons is required for preimplantation embryo development. *Nature genetics*, 55(3), 484.

Yang J, et al. (2023) Systematic Perturbation of Thousands of Retroviral LTRs in Mouse Embryos. *bioRxiv : the preprint server for biology*.

De Rosa P, et al. (2023) MYCN Amplification, along with Wild-Type RB1 Expression, Enhances CDK4/6 Inhibitors' Efficacy in Neuroblastoma Cells. *International journal of molecular sciences*, 24(6).