# Resource Summary Report

Generated by RRID on Aug 23, 2026

## PB_tre_dCas9_KRAB

RRID:Addgene_126030
Type: Plasmid

### Proper Citation

RRID:Addgene_126030

### Plasmid Information

**URL:** http://www.addgene.org/126030

**Proper Citation:** RRID:Addgene_126030

**Insert Name:** dCas9 fusion with KRAB

**Bacterial Resistance:** Ampicillin

**Defining Citation:** PMID:31101683

**Vector Backbone Description:** Backbone Marker:System Biosciences; Vector Backbone:piggyBac cargo vector; Vector Types:Mammalian Expression, CRISPR, piggyBac; Bacterial Resistance:Ampicillin

**Comments:** Please visit https://www.biorxiv.org/content/10.1101/448803v1 for BioRxiv preprint

**Plasmid Name:** PB_tre_dCas9_KRAB

**Relevant Mutation:** D10A, H840A (catalytically inactive Cas9)

**Record Creation Time:** 20220422T221700+0000

**Record Last Update:** 20260815T080421+0000

### Ratings and Alerts

No rating or validation information has been found for PB_tre_dCas9_KRAB.

No alerts have been found for PB_tre_dCas9_KRAB.

### Data and Source Information

**Source:** Addgene

## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Tamir TY, et al. (2024) Structural and systems characterization of phosphorylation on metabolic enzymes identifies sex-specific metabolic reprogramming in obesity. bioRxiv : the preprint server for biology.

Pal D, et al. (2023) H4K16ac activates the transcription of transposable elements and contributes to their cis-regulatory function. Nature structural & molecular biology, 30(7), 935.

Schertzer MD, et al. (2019) lncRNA-Induced Spread of Polycomb Controlled by Genome Architecture, RNA Abundance, and CpG Island DNA. Molecular cell, 75(3), 523.