Resource Summary Report

Generated by dkNET on Aug 13, 2026

TETv4

RRID:Addgene_167983
Type: Plasmid

Proper Citation

RRID:Addgene_167983

Plasmid Information

URL: http://www.addgene.org/167983

Proper Citation: RRID:Addgene_167983

Insert Name: TETv4 (TET1CD-XTEN80-dCas9)

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:33838111

Vector Backbone Description: Backbone Size:5574; Vector Backbone:CAG expression plasmid; Vector Types:Mammalian Expression, CRISPR, Synthetic Biology; Bacterial Resistance:Ampicillin

Plasmid Name: TETv4

Record Creation Time: 20220422T221943+0000

Record Last Update: 20260808T081200+0000

Ratings and Alerts

No rating or validation information has been found for TETv4.

No alerts have been found for TETv4.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Rohm D, et al. (2025) Activation of the imprinted Prader-Willi syndrome locus by CRISPR-based epigenome editing. Cell genomics, 5(2), 100770.

Guo D, et al. (2025) The ZBTB24-CDCA7-HELLS axis suppresses the totipotent 2C-like reprogramming by maintaining Dux methylation and repression. Nucleic acids research, 53(7).

Bell HW, et al. (2025) Removal of promoter CpG methylation by epigenome editing reverses HBG silencing. Nature communications, 16(1), 6919.

Xu D, et al. (2025) Programmable epigenome editing by transient delivery of CRISPR epigenome editor ribonucleoproteins. Nature communications, 16(1), 7948.

Rohm D, et al. (2024) Activation of the imprinted Prader-Willi Syndrome locus by CRISPR-based epigenome editing. bioRxiv : the preprint server for biology.

Huang S, et al. (2024) Extended replicative lifespan of primary resting T cells by CRISPR/dCas9-based epigenetic modifiers and transcriptional activators. Cellular and molecular life sciences : CMLS, 81(1), 407.

Bar-Sadeh B, et al. (2023) Srd5a1 is Differentially Regulated and Methylated During Prepubertal Development in the Ovary and Hypothalamus. Journal of the Endocrine Society, 7(10), bvad108.

Xu C, et al. (2023) CRISPR-based DNA methylation editing of NNT rescues the cisplatin resistance of lung cancer cells by reducing autophagy. Archives of toxicology, 97(2), 441.