

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

PB_tre_Cas9

RRID:Addgene_126029

Type: Plasmid

Proper Citation

RRID:Addgene_126029

Plasmid Information

URL: <http://www.addgene.org/126029>

Proper Citation: RRID:Addgene_126029

Insert Name: humanized S. pyrogenes Cas9

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_Cas9

Record Creation Time: 20220422T221700+0000

Record Last Update: 20260808T080658+0000

Ratings and Alerts

No rating or validation information has been found for PB_tre_Cas9.

No alerts have been found for PB_tre_Cas9.

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 [nidm-terms](#) .

Trotman JB, et al. (2025) Isogenic comparison of Airn and Xist reveals core principles of Polycomb recruitment by lncRNAs. *Molecular cell*, 85(6), 1117.

Barrero M, et al. (2024) The interferon γ pathway enhances pluripotency and X-chromosome reactivation in iPSC reprogramming. *Science advances*, 10(32), eadj8862.

Schertzer MD, et al. (2023) Cas13d-mediated isoform-specific RNA knockdown with a unified computational and experimental toolbox. *bioRxiv : the preprint server for biology*.

Paniagua I, et al. (2022) MAD2L2 promotes replication fork protection and recovery in a shieldin-independent and REV3L-dependent manner. *Nature communications*, 13(1), 5167.

Madireddy I, et al. (2022) Stably Integrating an Inducible CRISPR-Cas9 to Protect Against Viral Infections in Vitro. *microPublication biology*, 2022.

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.