

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

pSBtet-Hyg-dCas9-KRAB-MeCP2_hU6-SapI

RRID:Addgene_196082

Type: Plasmid

Proper Citation

RRID:Addgene_196082

Plasmid Information

URL: <http://www.addgene.org/196082>

Proper Citation: RRID:Addgene_196082

Insert Name: dCas9-KRAB-MeCP2 repressor

Organism: Streptococcus pyogenes

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:36707469](#)

Vector Backbone Description: Backbone Marker:Czarnek et al., 2021; Vector Backbone:pSBtet-Pur-dCas9-KRAB-MeCP2_hU6-SapI; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: Please note: Plasmid contains a T99M mutation in HygR. This mutation is not expected to affect plasmid function.

Plasmid Name: pSBtet-Hyg-dCas9-KRAB-MeCP2_hU6-SapI

Relevant Mutation: Catalytically dead mutant of the Cas9 endonuclease from the Streptococcus pyogenes Type II CRISPR/Cas system (Cas9m4) fused with Kr??ppel-associated box (KRAB) transcriptional repression domain from the human zinc finger protein ZNF1 (Margolin et al., 1994) and transcriptional repression domain from rat methyl-CpG-binding protein 2 (Nan et al., 1997).

Record Creation Time: 20230401T080523+0000

Record Last Update: 20260919T092950+0000

Ratings and Alerts

No rating or validation information has been found for pSBtet-Hyg-dCas9-KRAB-MeCP2_hU6-Sapl.

No alerts have been found for pSBtet-Hyg-dCas9-KRAB-MeCP2_hU6-Sapl.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.