

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pPB-tetO(hCMV1)-HA-Tet1mHxD(201R2)-IV

RRID:Addgene_102422

Type: Plasmid

Proper Citation

RRID:Addgene_102422

Plasmid Information

URL: <http://www.addgene.org/102422>

Proper Citation: RRID:Addgene_102422

Insert Name: Tet1 catalytic domain mutant

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28504700](#)

Vector Backbone Description: Backbone Marker:Austin Smith (Addgene plasmid# 60432); Vector Backbone:pPB-hCMV1-hNANOG-IV; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The full length transcript 201 refers to the coding sequence (CDS) of Ensembl transcript Tet1-201 (transcript ID ENSMUST00000050826.13) or NCBI RefSeq NM_027384.1. This variant (isoform 2) lacks an alternate in-frame exon in the central coding region, compared to variant 1.

Plasmid Name: pPB-tetO(hCMV1)-HA-Tet1mHxD(201R2)-IV

Relevant Mutation: H1620Y and D1622A mutations in Tet1 catalytic domain; Modified at the Dharmacon SMARTpool siRNA #2 target site to make it siRNA-resistant

Record Creation Time: 20220422T221456+0000

Record Last Update: 20260725T073348+0000

Ratings and Alerts

No rating or validation information has been found for pPB-tetO(hCMV1)-HA-Tet1mHxD(201R2)-IV.

No alerts have been found for pPB-tetO(hCMV1)-HA-Tet1mHxD(201R2)-IV.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.