

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pcDNA3-Flag-Tet3 CD Mut

RRID:Addgene_72222

Type: Plasmid

Proper Citation

RRID:Addgene_72222

Plasmid Information

URL: <http://www.addgene.org/72222>

Proper Citation: RRID:Addgene_72222

Insert Name: Ten-Eleven Translocation 3

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21778364](#)

Vector Backbone Description: Backbone Size:6000; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Modified pcDNA3 vector with a beta globulin intron inserted. This insertion can help stabilize the transcripts and is particularly useful for the expression of large genes, such as p300 and Tet proteins Note that an additional mutation, D1507E, is present in the Tet3 insert in this plasmid. This additional mutation does not affect the property of the mutant protein (as it is catalytically dead). For additional information about how this plasmid was created and used, please see Ito et al., Nature 2010 Pubmed ID: 20639862

Plasmid Name: pcDNA3-Flag-Tet3 CD Mut

Relevant Mutation: The plasmid expresses TET3 catalytic domain (catalytic-dead mutations H950Y and D952A).

Record Creation Time: 20220422T222444+0000

Record Last Update: 20260725T075106+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-Flag-Tet3 CD Mut.

No alerts have been found for pcDNA3-Flag-Tet3 CD Mut.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Luz-Madriral A, et al. (2020) DNA demethylation is a driver for chick retina regeneration. Epigenetics, 15(9), 998.