

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

pEF1a_FL MUT TET1

RRID:Addgene_124081

Type: Plasmid

Proper Citation

RRID:Addgene_124081

Plasmid Information

URL: <http://www.addgene.org/124081>

Proper Citation: RRID:Addgene_124081

Insert Name: TET1 - full length, mutated

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30698829](#)

Vector Backbone Description: Backbone Size:6100; Vector Backbone:pEF1 alpha; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The two mutations listed before (H1672Y, D1674A) were introduced using the QuickChange II XL Site-Directed Mutagenesis Kit (Agilent Technologies).

Plasmid Name: pEF1a_FL MUT TET1

Relevant Mutation: H1672Y, D1674A

Record Creation Time: 20220422T221650+0000

Record Last Update: 20260815T080402+0000

Ratings and Alerts

No rating or validation information has been found for pEF1a_FL MUT TET1.

No alerts have been found for pEF1a_FL MUT TET1.

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](#) .

Sapozhnikov DM, et al. (2021) Unraveling the functional role of DNA demethylation at specific promoters by targeted steric blockage of DNA methyltransferase with CRISPR/dCas9. Nature communications, 12(1), 5711.