Resource Summary Report

Generated by NIF on Aug 13, 2026

pEF1a_CD MUT TET1

RRID:Addgene_124083
Type: Plasmid

Proper Citation

RRID:Addgene_124083

Plasmid Information

URL: http://www.addgene.org/124083

Proper Citation: RRID:Addgene_124083

Insert Name: TET1 - catalytic domain mutated

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:30698829

Vector Backbone Description: Backbone Size:6181; 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_CD MUT TET1

Relevant Mutation: H1672Y, D1674A

Record Creation Time: 20220422T221650+0000

Record Last Update: 20260808T080641+0000

Ratings and Alerts

No rating or validation information has been found for pEF1a_CD MUT TET1.

No alerts have been found for pEF1a_CD 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 .

Ye J, et al. (2021) Genetic and environmental factors regulate the type 1 diabetes gene CTSH via differential DNA methylation. The Journal of biological chemistry, 296, 100774.