

Resource Summary Report

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

pCDF-His-mTET1CD?cat

RRID:Addgene_81054

Type: Plasmid

Proper Citation

RRID:Addgene_81054

Plasmid Information

URL: <http://www.addgene.org/81054>

Proper Citation: RRID:Addgene_81054

Insert Name: TET1

Organism: Mus musculus

Bacterial Resistance: Streptomycin

Defining Citation: [PMID:26932196](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:3780; Vector Backbone:pCDF-Duet-1; Vector Types:Bacterial Expression; Bacterial Resistance:Streptomycin

Plasmid Name: pCDF-His-mTET1CD?cat

Relevant Mutation: catalytic domain amino acid 1367-2057 with histidine 1652 and aspartic acid 1654 changed to tyrosine and alanine, respectively

Record Creation Time: 20220422T222528+0000

Record Last Update: 20260725T075226+0000

Ratings and Alerts

No rating or validation information has been found for pCDF-His-mTET1CD?cat.

No alerts have been found for pCDF-His-mTET1CD?cat.

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](#) .

Yang R, et al. (2018) Tet1 and Tet2 maintain mesenchymal stem cell homeostasis via demethylation of the P2rX7 promoter. Nature communications, 9(1), 2143.