

# Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

## pcDNA3-Flag-Tet2 CD

RRID:Addgene\_72219

Type: Plasmid

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### Proper Citation

RRID:Addgene\_72219

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### Plasmid Information

**URL:** <http://www.addgene.org/72219>

**Proper Citation:** RRID:Addgene\_72219

**Insert Name:** Ten-Eleven Translocation 2

**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 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-Tet2 CD

**Relevant Mutation:** The plasmid expresses TET2 catalytic domain.

**Record Creation Time:** 20220422T222444+0000

**Record Last Update:** 20260815T081918+0000

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### Ratings and Alerts

No rating or validation information has been found for pcDNA3-Flag-Tet2 CD.

No alerts have been found for pcDNA3-Flag-Tet2 CD.

## Data and Source Information

**Source:** [Addgene](#)

## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Zhang T, et al. (2024) Programmable RNA 5-methylcytosine (m5C) modification of cellular RNAs by dCasRx conjugated methyltransferase and demethylase. Nucleic acids research, 52(6), 2776.

Laurent A, et al. (2022) TET2-mediated epigenetic reprogramming of breast cancer cells impairs lysosome biogenesis. Life science alliance, 5(7).