

Resource Summary Report

Generated by [dkNET](#) on Aug 27, 2026

[pJFA274](#)

RRID:Addgene_49239

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/49239>

Proper Citation: RRID:Addgene_49239

Insert Name: TET1 tet methylcytosine dioxygenase 1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24108092](#)

Vector Backbone Description: Backbone Marker:Joung lab; Vector Backbone:unknown; Vector Types:TALEN, TALE-TET1 Expression Vector; Bacterial Resistance:Ampicillin

Comments: Location of plasmid features: EF1alpha promoter = 922-2106 NLS = 2118-2142 TALE N-terminal domain = 2167-2577 Clone TALE array repeats between BsmBI sites TALE C-terminal domain = 2665-2949 TET1 catalytic domain = 2956-5123 BGH polyA = 6369-6596

Plasmid Name: pJFA274

Record Creation Time: 20220422T222254+0000

Record Last Update: 20260815T081557+0000

Ratings and Alerts

No rating or validation information has been found for pJFA274.

No alerts have been found for pJFA274.

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 [dkNET](#) .

Ou K, et al. (2019) Targeted demethylation at the CDKN1C/p57 locus induces human ?? cell replication. The Journal of clinical investigation, 129(1), 209.

Verma N, et al. (2018) TET proteins safeguard bivalent promoters from de novo methylation in human embryonic stem cells. Nature genetics, 50(1), 83.