

Resource Summary Report

Generated by [NIF](#) on Aug 2, 2026

pJFA344C7

RRID:Addgene_49236

Type: Plasmid

Proper Citation

RRID:Addgene_49236

Plasmid Information

URL: <http://www.addgene.org/49236>

Proper Citation: RRID:Addgene_49236

Insert Name: TALE-TET1CD Backbone

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: pJFA344C7

Record Creation Time: 20220422T222254+0000

Record Last Update: 20260801T081405+0000

Ratings and Alerts

No rating or validation information has been found for pJFA344C7.

No alerts have been found for pJFA344C7.

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 [NIF](#) .

Liu XS, et al. (2018) Rescue of Fragile X Syndrome Neurons by DNA Methylation Editing of the FMR1 Gene. Cell, 172(5), 979.

Liu XS, et al. (2016) Editing DNA Methylation in the Mammalian Genome. Cell, 167(1), 233.