

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

pScalps_Puro_mTet2 catalytic domain HxD

RRID:Addgene_79611

Type: Plasmid

Proper Citation

RRID:Addgene_79611

Plasmid Information

URL: <http://www.addgene.org/79611>

Proper Citation: RRID:Addgene_79611

Insert Name: Tet2

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27160912](#)

Vector Backbone Description: Backbone Size:7740; Vector Backbone:pScalps; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pScalps_Puro_mTet2 catalytic domain HxD

Relevant Mutation: Mutant Tet2 with H1302Y, D1304A substitutions in the signature HxD motif

Record Creation Time: 20220422T222521+0000

Record Last Update: 20260815T082032+0000

Ratings and Alerts

No rating or validation information has been found for pScalps_Puro_mTet2 catalytic domain HxD.

No alerts have been found for pScalps_Puro_mTet2 catalytic domain HxD.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Bao Y, et al. (2021) DNA demethylase Tet2 suppresses cisplatin-induced acute kidney injury. *Cell death discovery*, 7(1), 167.

Bian F, et al. (2018) TET2 facilitates PPAR α agonist-mediated gene regulation and insulin sensitization in adipocytes. *Metabolism: clinical and experimental*, 89, 39.

Yang R, et al. (2018) Tet1 and Tet2 maintain mesenchymal stem cell homeostasis via demethylation of the P2rx7 promoter. *Nature communications*, 9(1), 2143.