

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

[pDTA-TK](#)

RRID:Addgene_22677

Type: Plasmid

Proper Citation

RRID:Addgene_22677

Plasmid Information

URL: <http://www.addgene.org/22677>

Proper Citation: RRID:Addgene_22677

Insert Name: DTA and TK

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19896442](#)

Vector Backbone Description: Backbone Size:3000; Vector Backbone:pKO2; Vector Types:Mouse Targeting; Bacterial Resistance:Ampicillin

Plasmid Name: pDTA-TK

Relevant Mutation: pDTA-TK dual selection plasmid for targeting vector generation. I-CeuI linearization site.

Record Creation Time: 20220422T222101+0000

Record Last Update: 20260829T080219+0000

Ratings and Alerts

No rating or validation information has been found for pDTA-TK.

No alerts have been found for pDTA-TK.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Zelina P, et al. (2024) ALS-associated C21ORF2 variant disrupts DNA damage repair, mitochondrial metabolism, neuronal excitability and NEK1 levels in human motor neurons. *Acta neuropathologica communications*, 12(1), 144.

Macarelli V, et al. (2024) A Short Sequence Targets Transmembrane Proteins to Primary Cilia. *Cells*, 13(13).

Antonica F, et al. (2022) A slow-cycling/quiescent cells subpopulation is involved in glioma invasiveness. *Nature communications*, 13(1), 4767.

Wen Y, et al. (2021) Myonuclear transcriptional dynamics in response to exercise following satellite cell depletion. *iScience*, 24(8), 102838.

van Veen JE, et al. (2019) Mutationally-activated PI3'-kinase-?? promotes de-differentiation of lung tumors initiated by the BRAFV600E oncoprotein kinase. *eLife*, 8.

Merkle FT, et al. (2015) Efficient CRISPR-Cas9-mediated generation of knockin human pluripotent stem cells lacking undesired mutations at the targeted locus. *Cell reports*, 11(6), 875.