

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

pDEST-cuOx144_Bxb1attB_loxP-PGKpuro-loxP

RRID:Addgene_119903

Type: Plasmid

Proper Citation

RRID:Addgene_119903

Plasmid Information

URL: <http://www.addgene.org/119903>

Proper Citation: RRID:Addgene_119903

Insert Name: cuOx144 array

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31124784](#)

Vector Backbone Description: Backbone Size:4904; Vector Backbone:pDEST-Bxb1attB-loxP-PGK-puro-loxP; Vector Types:Mouse Targeting; Bacterial Resistance:Ampicillin

Comments: Please note there are a few ambiguous bases in Addgene's NGS result. This is due to NGS having difficulty assembling repetitive sequences. The repetitive sequences in this plasmid can be unstable while propagated in bacteria. It is recommended that the repetitive insert be verified by restriction digest and repeat counts be viewed as an approximation. Two separate sequencing results shown above illustrate variable number of repeats. Please visit <https://www.biorxiv.org/content/10.1101/409672v1> for bioRxiv preprint.

Plasmid Name: pDEST-cuOx144_Bxb1attB_loxP-PGKpuro-loxP

Record Creation Time: 20220422T221627+0000

Record Last Update: 20260905T074545+0000

Ratings and Alerts

No rating or validation information has been found for pDEST-cuOx144_Bxb1attB_loxP-PGKpuro-loxP.

No alerts have been found for pDEST-cuOx144_Bxb1attB_loxP-PGKpuro-loxP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Wang S, et al. (2025) Endogenous Real Time Imaging Reveals Dynamic Chromosomal Mobility During Ligand-Mediated Transcriptional Burst Events. bioRxiv : the preprint server for biology.