Resource Summary Report

Generated by nidm-terms on Aug 14, 2026

pCDF-5xT7-TtCsm

RRID:Addgene_128572
Type: Plasmid

Proper Citation

RRID:Addgene_128572

Plasmid Information

URL: http://www.addgene.org/128572

Proper Citation: RRID:Addgene_128572

Insert Name: Csm1

Organism: Synthetic

Bacterial Resistance: Streptomycin

Defining Citation: PMID:31278272

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:3419; Vector Backbone:pCDF-1b; Vector Types:Bacterial Expression; Bacterial Resistance:Streptomycin

Plasmid Name: pCDF-5xT7-TtCsm

Relevant Mutation: Codon-optimized for expression in E. coli, XhoI site added after stop codon

Record Creation Time: 20220422T221715+0000

Record Last Update: 20260808T080723+0000

Ratings and Alerts

No rating or validation information has been found for pCDF-5xT7-TtCsm.

No alerts have been found for pCDF-5xT7-TtCsm.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Pandey S, et al. (2026) Identification and structure determination of a type III-Bv CRISPR complex that post-translationally modifies an associated toxin. Structure (London, England : 1993).

Jungfer K, et al. (2025) Mechanistic determinants and dynamics of cA6 synthesis in type III CRISPR-Cas effector complexes. Nucleic acids research, 53(2).

Nemudraia A, et al. (2022) Sequence-specific capture and concentration of viral RNA by type III CRISPR system enhances diagnostic. Research square.

Santiago-Frangos A, et al. (2021) Intrinsic signal amplification by type III CRISPR-Cas systems provides a sequence-specific SARS-CoV-2 diagnostic. Cell reports. Medicine, 2(6), 100319.