Resource Summary Report

Generated by RRID on Aug 24, 2026

pHelper_ShCAST

RRID:Addgene_127922
Type: Plasmid

Proper Citation

RRID:Addgene_127922

Plasmid Information

URL: http://www.addgene.org/127922

Proper Citation: RRID:Addgene_127922

Insert Name: ShTnsB, ShTnsC, ShTniQ, ShCas12k

Bacterial Resistance: Ampicillin

Defining Citation: PMID:31171706

Vector Backbone Description: Vector Backbone:pUC19; Vector Types:; Bacterial Resistance:Ampicillin

Plasmid Name: pHelper_ShCAST

Record Creation Time: 20220422T221711+0000

Record Last Update: 20260815T080441+0000

Ratings and Alerts

No rating or validation information has been found for pHelper_ShCAST.

No alerts have been found for pHelper_ShCAST.

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 RRID .

Hu K, et al. (2024) Distinct horizontal transfer mechanisms for type I and type V CRISPR-associated transposons. Nature communications, 15(1), 6653.

Tenjo-Casta??o F, et al. (2022) Structure of the TnsB transposase-DNA complex of type V-K CRISPR-associated transposon. Nature communications, 13(1), 5792.

Saito M, et al. (2021) Dual modes of CRISPR-associated transposon homing. Cell, 184(9), 2441.

Zhang Y, et al. (2020) Multicopy Chromosomal Integration Using CRISPR-Associated Transposases. ACS synthetic biology, 9(8), 1998.