

# Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

## pACYC-TtCas6-4xcrRNA4.5

RRID:Addgene\_127764

Type: Plasmid

### Proper Citation

RRID:Addgene\_127764

### Plasmid Information

**URL:** <http://www.addgene.org/127764>

**Proper Citation:** RRID:Addgene\_127764

**Insert Name:** Synthetic CRISPR array containing four identical T. thermophilus spacers

**Organism:** Synthetic

**Bacterial Resistance:** Chloramphenicol

**Defining Citation:** [PMID:31278272](#)

**Vector Backbone Description:** Backbone Marker:Novagen; Backbone Size:3920; Vector Backbone:pACYCDuet-1; Vector Types:Bacterial Expression; Bacterial Resistance:Chloramphenicol

**Plasmid Name:** pACYC-TtCas6-4xcrRNA4.5

**Record Creation Time:** 20220422T221710+0000

**Record Last Update:** 20260815T080439+0000

### Ratings and Alerts

No rating or validation information has been found for pACYC-TtCas6-4xcrRNA4.5.

No alerts have been found for pACYC-TtCas6-4xcrRNA4.5.

### 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](#) .

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.