# Resource Summary Report

Generated by dkNET on Aug 28, 2026

## pTRIP-CMV-Puro-2A-cGAS

RRID:Addgene_102612
Type: Plasmid

### Proper Citation

RRID:Addgene_102612

### Plasmid Information

**URL:** http://www.addgene.org/102612

**Proper Citation:** RRID:Addgene_102612

**Insert Name:** cGAS

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** PMID:26229115

**Vector Backbone Description:** Vector Backbone:pTRIP; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

**Plasmid Name:** pTRIP-CMV-Puro-2A-cGAS

**Record Creation Time:** 20220422T221456+0000

**Record Last Update:** 20260815T080024+0000

### Ratings and Alerts

No rating or validation information has been found for pTRIP-CMV-Puro-2A-cGAS.

No alerts have been found for pTRIP-CMV-Puro-2A-cGAS.

### 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 dkNET .

Chen X, et al. (2025) DNA methylation protects cancer cells against senescence. Nature communications, 16(1), 5901.

Su J, et al. (2023) Sensing Cytosolic DNA Lowers Blood Pressure by Direct cGAMP-Dependent PKGI Activation. Circulation, 148(13), 1023.

Amalfi S, et al. (2023) P26 enhances baculovirus gene delivery by modulating the mammalian antiviral response. Applied microbiology and biotechnology, 107(20), 6277.

Amalfi S, et al. (2020) Baculovirus Transduction in Mammalian Cells Is Affected by the Production of Type I and III Interferons, Which Is Mediated Mainly by the cGAS-STING Pathway. Journal of virology, 94(21).