

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

pCMV-T7-AsCas12a-P2A-EGFP (RTW2861)

RRID:Addgene_160140

Type: Plasmid

Proper Citation

RRID:Addgene_160140

Plasmid Information

URL: <http://www.addgene.org/160140>

Proper Citation: RRID:Addgene_160140

Insert Name: human codon optimized AsCas12a with NLS(nucleoplasmin)-3xHA-P2A-EGFP

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33547443](#)

Vector Backbone Description: Vector Backbone:JDS246 (Plasmid #43861); Vector Types:Mammalian Expression, in vitro transcription; T7 promoter; Bacterial Resistance:Ampicillin

Plasmid Name: pCMV-T7-AsCas12a-P2A-EGFP (RTW2861)

Record Creation Time: 20220422T221906+0000

Record Last Update: 20260815T080836+0000

Ratings and Alerts

No rating or validation information has been found for pCMV-T7-AsCas12a-P2A-EGFP (RTW2861).

No alerts have been found for pCMV-T7-AsCas12a-P2A-EGFP (RTW2861).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Orosco C, et al. (2026) DNA-guided CRISPR-Cas12 for cellular RNA targeting. Nature biotechnology.

Nguyen LT, et al. (2024) Harnessing noncanonical crRNAs to improve functionality of Cas12a orthologs. Cell reports, 43(2), 113777.