

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pCMV-T7-ABE8e-nSpCas9-P2A-EGFP (KAC978)

RRID:Addgene_185910

Type: Plasmid

Proper Citation

RRID:Addgene_185910

Plasmid Information

URL: <http://www.addgene.org/185910>

Proper Citation: RRID:Addgene_185910

Insert Name: human codon optimized ABE8e-nSpCas9-P2A-EGFP

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:38057426](#)

Vector Backbone Description: Backbone Marker:Addgene Plasmid #112101; Vector Backbone:pCMV_ABEmax_P2A_GFP; Vector Types:Mammalian Expression, in vitro transcription; T7 promoter; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/2023.01.20.524978v1> for bioRxiv preprint.

Plasmid Name: pCMV-T7-ABE8e-nSpCas9-P2A-EGFP (KAC978)

Relevant Mutation: nSpCas9=D10A

Record Creation Time: 20220610T080227+0000

Record Last Update: 20260725T075438+0000

Ratings and Alerts

No rating or validation information has been found for pCMV-T7-ABE8e-nSpCas9-P2A-EGFP (KAC978).

No alerts have been found for pCMV-T7-ABE8e-nSpCas9-P2A-EGFP (KAC978).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Silverstein RA, et al. (2025) Custom CRISPR-Cas9 PAM variants via scalable engineering and machine learning. Nature, 643(8071), 539.

Fry MY, et al. (2024) In situ architecture of Opa1-dependent mitochondrial cristae remodeling. The EMBO journal, 43(3), 391.

Fry MY, et al. (2023) In situ architecture of Opa1-dependent mitochondrial cristae remodeling. bioRxiv : the preprint server for biology.