

# Resource Summary Report

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

## pCAG-T3-SpCAS9-NG-pA

RRID:Addgene\_131465

Type: Plasmid

### Proper Citation

RRID:Addgene\_131465

### Plasmid Information

**URL:** <http://www.addgene.org/131465>

**Proper Citation:** RRID:Addgene\_131465

**Insert Name:** Codon optimized SpCas9-NG

**Organism:** Synthetic

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:31501500](#)

**Vector Backbone Description:** Vector Backbone:pCAGGS; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

**Comments:** This plasmid vector was constructed by mutation PCR of pCAG-T3-hCAS9-pA plasmid vector (Addgene plasmid 48625) according to the amino acid sequences of SpCas9-NG shown in previous study (Nishimasu H et al., Engineered CRISPR-Cas9 nuclease with expanded targeting space. Science, 2018).

**Plasmid Name:** pCAG-T3-SpCAS9-NG-pA

**Record Creation Time:** 20220422T221729+0000

**Record Last Update:** 20260725T073817+0000

### Ratings and Alerts

No rating or validation information has been found for pCAG-T3-SpCAS9-NG-pA.

No alerts have been found for pCAG-T3-SpCAS9-NG-pA.

### Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.