

Resource Summary Report

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

pCAG-T3-hCAsEGFP-pA

RRID:Addgene_59766

Type: Plasmid

Proper Citation

RRID:Addgene_59766

Plasmid Information

URL: <http://www.addgene.org/59766>

Proper Citation: RRID:Addgene_59766

Insert Name: CAS9

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23997119](#)

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

Comments: The eGFP ORF was inserted into C-terminal of CAS9 ORF of pCAG-T3-hCAs-pA (Addgene Plasmid #48625). For the in vitro synthesis of CAS9 mRNAs, the vector was linearized by SphI and in-vitro transcribed using T3-RNA-polymerase (Promega) in the presence of m7G(5')ppp(5')G to synthesize capped RNA. The Tbp1 3' UTR 95 nucleotide polyA tail at the 3' end of the insert allows in vitro transcribed mRNA from this plasmid to be used directly for microinjection into animal embryos or oocytes without additional polyadenylation treatment. The CAG promoter in this plasmid also allows it to be used as a CAS9eGFP-expression vector.

Plasmid Name: pCAG-T3-hCAsEGFP-pA

Record Creation Time: 20220422T222344+0000

Record Last Update: 20260815T081726+0000

Ratings and Alerts

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

No alerts have been found for pCAG-T3-hCAsEGFP-pA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.