Resource Summary Report

Generated by nidm-terms on Aug 9, 2026

CMV-CASANOVA

RRID:Addgene_113035
Type: Plasmid

Proper Citation

RRID:Addgene_113035

Plasmid Information

URL: http://www.addgene.org/113035

Proper Citation: RRID:Addgene_113035

Insert Name: CASANOVA (for CRISPR/Cas9 activity switching via a novel optogenetic variant of AcrIIA4)

Bacterial Resistance: Ampicillin

Defining Citation: PMID:30377362

Vector Backbone Description: Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression, CRISPR, Synthetic Biology; Bacterial Resistance:Ampicillin

Comments: Addgene QC sequence analysis identified a mutation within NeoR/KanR, which results in an early stop codon. The effect of this mutation has not been determined experimentally. Ampicillin should be used for selection in bacteria.

Plasmid Name: CMV-CASANOVA

Record Creation Time: 20220422T221552+0000

Record Last Update: 20260808T080455+0000

Ratings and Alerts

No rating or validation information has been found for CMV-CASANOVA.

No alerts have been found for CMV-CASANOVA.

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 nidm-terms .

Zou Q, et al. (2023) Photoactivatable base editors for spatiotemporally controlled genome editing in vivo. Biomaterials, 302, 122328.

Hoffmann MD, et al. (2021) Optogenetic control of Neisseria meningitidis Cas9 genome editing using an engineered, light-switchable anti-CRISPR protein. Nucleic acids research, 49(5), e29.