

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

BIC-Gag-CAS9

RRID:Addgene_119942

Type: Plasmid

Proper Citation

RRID:Addgene_119942

Plasmid Information

URL: <http://www.addgene.org/119942>

Proper Citation: RRID:Addgene_119942

Insert Name: GAG FMLV fused to spCAS9

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30604748](#)

Vector Backbone Description: Vector Backbone:pCDNA3-like; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/early/2017/10/12/202010> for BioRxiv preprint. Note, there are some additional amino acids on the 3' end of the insert--depositor confirmed this is the version used in the paper and the plasmid should function as described.

Plasmid Name: BIC-Gag-CAS9

Record Creation Time: 20220422T221627+0000

Record Last Update: 20260815T080318+0000

Ratings and Alerts

No rating or validation information has been found for BIC-Gag-CAS9.

No alerts have been found for BIC-Gag-CAS9.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Liang X, et al. (2025) Engineering of extracellular vesicles for efficient intracellular delivery of multimodal therapeutics including genome editors. *Nature communications*, 16(1), 4028.

Halegua T, et al. (2025) Delivery of Prime editing in human stem cells using pseudoviral NanoScribes particles. *Nature communications*, 16(1), 397.

Francois AK, et al. (2024) Single-genome analysis reveals a heterogeneous association of the herpes simplex virus genome with H3K27me2 and the reader PHF20L1 following infection of human fibroblasts. *mBio*, 15(4), e0327823.

Wichmann M, et al. (2023) Deep Characterization and Comparison of Different Retrovirus-like Particles Preloaded with CRISPR/Cas9 RNPs. *International journal of molecular sciences*, 24(14).

Jo DH, et al. (2023) Simultaneous engineering of natural killer cells for CAR transgenesis and CRISPR-Cas9 knockout using retroviral particles. *Molecular therapy. Methods & clinical development*, 29, 173.

Francois AK, et al. (2023) Single-genome analysis reveals heterogeneous association of the Herpes Simplex Virus genome with H3K27me2 and the reader PHF20L1 following infection of human fibroblasts. *bioRxiv : the preprint server for biology*.

Banskota S, et al. (2022) Engineered virus-like particles for efficient in vivo delivery of therapeutic proteins. *Cell*, 185(2), 250.

Gutierrez-Guerrero A, et al. (2021) Baboon Envelope Pseudotyped "Nanoblades" Carrying Cas9/gRNA Complexes Allow Efficient Genome Editing in Human T, B, and CD34+ Cells and Knock-in of AAV6-Encoded Donor DNA in CD34+ Cells. *Frontiers in genome editing*, 3, 604371.

Singsuksawat E, et al. (2021) Potent programmable antiviral against dengue virus in primary human cells by Cas13b RNP with short spacer and delivery by VLP. *Molecular therapy. Methods & clinical development*, 21, 729.