

Resource Summary Report

Generated by [nidm-terms](#) on Sep 22, 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: 20260919T090650+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 [nidm-terms](#) .

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.