

Resource Summary Report

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

lentiCas9-Venus

RRID:Addgene_70267

Type: Plasmid

Proper Citation

RRID:Addgene_70267

Plasmid Information

URL: <http://www.addgene.org/70267>

Proper Citation: RRID:Addgene_70267

Insert Name: Cas9

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26375006](#)

Vector Backbone Description: Backbone Size:9080; Vector Backbone:pFUGW; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: Subcloned Venus in place of Blast in lentiCas9-Blast. Improved vectors and genome-wide libraries for CRISPR screening. Sanjana NE, Shalem O, Zhang F. Nat Methods. 2014 Aug;11(8):783-4. doi: 10.1038/nmeth.3047. 10.1038/nmeth.3047 PubMed 25075903 Canver MC, Smith EC, Sher F, Pinello L, Sanjana NE, Shalem O, Chen DD, Schupp PG, Vinjamur DS, Garcia SP, Luc S, Kurita R, Nakamura Y, Fujiwara Y, Maeda T, Yuan G, Zhang F, Orkin SH, Bauer DE. BCL11A enhancer dissection by Cas9-mediated in situ saturating mutagenesis. Nature. 2015 September 16; in press; doi:10.1038/nature15521.

Plasmid Name: lentiCas9-Venus

Record Creation Time: 20220422T222434+0000

Record Last Update: 20260815T081859+0000

Ratings and Alerts

No rating or validation information has been found for lentiCas9-Venus.

No alerts have been found for lentiCas9-Venus.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Yanagiya R, et al. (2024) Amino acid influx via LAT1 regulates iron demand and sensitivity to PPMX-T003 of aggressive natural killer cell leukemia. Leukemia, 38(8), 1731.