

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pU6-(BbsI)sgRNA_CAG-Cas9-venus-bpA

RRID:Addgene_86986

Type: Plasmid

Proper Citation

RRID:Addgene_86986

Plasmid Information

URL: <http://www.addgene.org/86986>

Proper Citation: RRID:Addgene_86986

Insert Name: Cas9-venus

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30912045](#)

Vector Backbone Description: Backbone Size:2770; Vector Backbone:Bluescript; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pU6-(BbsI)sgRNA_CAG-Cas9-venus-bpA

Record Creation Time: 20220422T222558+0000

Record Last Update: 20260815T082139+0000

Ratings and Alerts

No rating or validation information has been found for pU6-(BbsI)sgRNA_CAG-Cas9-venus-bpA.

No alerts have been found for pU6-(BbsI)sgRNA_CAG-Cas9-venus-bpA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Singh M, et al. (2026) Endogenous retroviral elements LTR8B and MER65 rewire PSG9 regulation to control trophoblast syncytialization and pre-eclampsia risk. *Genome biology*, 27(1).

Roeck BF, et al. (2025) Ferroptosis spreads to neighboring cells via plasma membrane contacts. *Nature communications*, 16(1), 2951.

Greisle T, et al. (2025) Generation of a Flattop-T2A-H2B-Venus x C-peptide-mCherry double reporter human iPSC line to monitor WNT/Planar cell polarity pathway activity. *Stem cell research*, 88, 103838.

Siehler J, et al. (2024) Inceptor binds to and directs insulin towards lysosomal degradation in β cells. *Nature metabolism*, 6(12), 2374.

Mueller LM, et al. (2024) Heterozygous missense variant in GLI2 impairs human endocrine pancreas development. *Nature communications*, 15(1), 2483.

Frank S, et al. (2024) Absence of the RING domain in MID1 results in patterning defects in the developing human brain. *Life science alliance*, 7(4).

Zan J, et al. (2021) Paraspeckle Promotes Hepatocellular Carcinoma Immune Escape by Sequestering IFNGR1 mRNA. *Cellular and molecular gastroenterology and hepatology*, 12(2), 465.

Inak G, et al. (2021) Defective metabolic programming impairs early neuronal morphogenesis in neural cultures and an organoid model of Leigh syndrome. *Nature communications*, 12(1), 1929.

Escobar H, et al. (2021) Base editing repairs an SGCA mutation in human primary muscle stem cells. *JCI insight*, 6(10).

Blöchinger AK, et al. (2020) Generation of an INSULIN-H2B-Cherry reporter human iPSC line. *Stem cell research*, 45, 101797.

Siehler J, et al. (2020) Generation of a heterozygous C-peptide-mCherry reporter human iPSC line (HMGUi001-A-8). *Stem cell research*, 50, 102126.

Yumlu S, et al. (2019) Efficient Gene Editing of Human Induced Pluripotent Stem Cells Using CRISPR/Cas9. *Methods in molecular biology* (Clifton, N.J.), 1961, 137.

Yumlu S, et al. (2017) Gene editing and clonal isolation of human induced pluripotent stem cells using CRISPR/Cas9. *Methods* (San Diego, Calif.), 121-122, 29.