Resource Summary Report

Generated by kravitz2 on Aug 23, 2026

pU6-(BbsI)_CBh-Cas9-T2A-BFP-P2A-Ad4E1B

RRID:Addgene_64218
Type: Plasmid

Proper Citation

RRID:Addgene_64218

Plasmid Information

URL: http://www.addgene.org/64218

Proper Citation: RRID:Addgene_64218

Insert Name: Cas9

Organism: Streptococcus pyogenes

Bacterial Resistance: Ampicillin

Defining Citation: PMID:25803306

Vector Backbone Description: Backbone Marker:Kuhn lab (Addgene plasmid # 64323); Vector Backbone:pU6-(BbsI)_CBh-Cas9-T2A-BFP; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: Please note that due to the presence of BbsI sites in the Ad4 coding regions it is NOT possible to directly clone new sgRNA sequences into the BbsI sites downstream of the U6 promoter. Therefore, precloned U6-sgRNA cassettes, isolated as 1.7 kb PvuI-XbaI fragments from pU6-(BbsI)_CBh-Cas9-T2A-BFP (plasmid# 64323) or pU6-(BbsI)_CBh-Cas9-T2A-mCherry (plasmid# 64324) of this deposit, or any other plasmid derived from pX330 (plasmid# 42230), must be ligated into the PvuI-XbaI digested backbone of this Ad4 containing plasmid.

Plasmid Name: pU6-(BbsI)_CBh-Cas9-T2A-BFP-P2A-Ad4E1B

Record Creation Time: 20220422T222408+0000

Record Last Update: 20260815T081809+0000

Ratings and Alerts

No rating or validation information has been found for pU6-(BbsI)_CBh-Cas9-T2A-BFP-P2A-Ad4E1B.

No alerts have been found for pU6-(BbsI)_CBh-Cas9-T2A-BFP-P2A-Ad4E1B.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Hung HF, et al. (2026) Centrosome linker protein CEP68 modulates cellular stress responses via nuclear condensate formation and HSP27 interaction. iScience, 29(7), 116491.

Tintignac L, et al. (2025) Identification of new interactors of eIF3f by endogenous proximity-dependent biotin labelling in human muscle cells. Scientific reports, 16(1), 2812.

Verma N, et al. (2024) Genome scale CRISPR screens identify actin capping proteins as key modulators of therapeutic responses to radiation and immunotherapy. bioRxiv : the preprint server for biology.

Caronni N, et al. (2021) TIM4 expression by dendritic cells mediates uptake of tumor-associated antigens and anti-tumor responses. Nature communications, 12(1), 2237.

Kostyushev D, et al. (2019) Suppressing the NHEJ pathway by DNA-PKcs inhibitor NU7026 prevents degradation of HBV cccDNA cleaved by CRISPR/Cas9. Scientific reports, 9(1), 1847.

Zhang JP, et al. (2017) Efficient precise knockin with a double cut HDR donor after CRISPR/Cas9-mediated double-stranded DNA cleavage. Genome biology, 18(1), 35.