Resource Summary Report

Generated by kravitz2 on Aug 9, 2026

pU6-(BbsI)_CBh-Cas9-T2A-mCherry

RRID:Addgene_64324
Type: Plasmid

Proper Citation

RRID:Addgene_64324

Plasmid Information

URL: http://www.addgene.org/64324

Proper Citation: RRID:Addgene_64324

Insert Name: Cas9

Organism: Streptococcus pyogenes

Bacterial Resistance: Ampicillin

Defining Citation: PMID:25803306

Vector Backbone Description: Backbone Marker:Zhang lab (Addgene plasmid # 42230); Vector Backbone:pX330; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pU6-(BbsI)_CBh-Cas9-T2A-mCherry

Record Creation Time: 20220422T222408+0000

Record Last Update: 20260808T081955+0000

Ratings and Alerts

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

No alerts have been found for pU6-(BbsI)_CBh-Cas9-T2A-mCherry.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 116 mentions in open access literature.

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

Song Y, et al. (2026) Unleashed condensation by recurrent mutations of an epigenetic regulator promotes cancer. bioRxiv : the preprint server for biology.

Bhardwaj R, et al. (2026) Deletion of mitochondrial calcium uniporter enhances calcium signals by slowing calcium clearance and triggers adaptive transcriptomic remodeling. The Journal of biological chemistry, 302(6), 111473.

Elhaw AT, et al. (2026) RHOV Is a Detachment-Responsive Rho GTPase Necessary for Ovarian Cancer Peritoneal Metastasis. Cancer research, 86(11), 2623.

Bressan C, et al. (2026) Cilia beating of ependymal cells regulates adult neural stem cell quiescence via mechanical forces mediated by PKD1/2-TRPM3. Neuron.

Milenkovic A, et al. (2026) Allele-specific suppression of pathogenic bestrophin-1 transcripts by CRISPR/Cas9-mediated genome editing. Genome medicine, 18(1).

Chen Y, et al. (2026) ER-tethering directs TREX1 penetration of a BAF-dependent barrier at micronuclei. Molecular cell, 86(6), 1099.

Loureiro JR, et al. (2026) The insertion of an ATTTC repeat in an Alu element hyperactivates a neurodevelopmental enhancer in spinocerebellar ataxia type 37. Cell reports, 45(4), 117146.

Moreno-Corona N, et al. (2026) Ribosomal RNA processing impairments in a B cell immunodeficient patient with WDR75 variants. Journal of human immunity, 2(4), e20250061.

Okuzaki Y, et al. (2026) The chicken retrovirus-like gene ENS-1/ERNI and Soprano LTR are involved in primordial germ cell development. iScience, 29(7), 116434.

Prithiviraj S, et al. (2025) Compositional editing of extracellular matrices by CRISPR/Cas9 engineering of human mesenchymal stem cell lines. eLife, 13.

Kim G, et al. (2025) U1 snRNP regulates alternative promoter activity by inhibiting premature polyadenylation. Molecular cell, 85(10), 1968.

Sebastian-Perez R, et al. (2025) SMARCAD1 and TOPBP1 contribute to heterochromatin maintenance at the transition from the 2C-like to the pluripotent state. eLife, 12.

Ferreira FJ, et al. (2025) FOXM1 expression reverts aging chromatin profiles through repression of the senescence-associated pioneer factor AP-1. Nature communications, 16(1), 2931.

Zoglio V, et al. (2025) DAXX-dependent H3.3 deposition maintains myoblast cell identity independently of other histone chaperone complexes. iScience, 28(8), 113119.

Paudel R, et al. (2025) Anti-tumorigenic properties by trichothiodystrophy mutations in melanocytic cells. NAR cancer, 7(3), zcaf026.

Dimond A, et al. (2025) PBK/TOPK mediates Ikaros, Aiolos and CTCF displacement from mitotic chromosomes and alters chromatin accessibility at selected C2H2-zinc finger protein binding sites. Nature communications, 16(1), 8348.

Pollock L, et al. (2025) A long-lived pool of PINK1 imparts a molecular memory of depolarization-induced activity. Science advances, 11(9), eadr1938.

Zijlmans DW, et al. (2025) PRC1 and PRC2 proximal interactome in mouse embryonic stem cells. Cell reports, 44(3), 115362.

Marymonchyk A, et al. (2025) Neural stem cell quiescence and activation dynamics are regulated by feedback input from their progeny under homeostatic and regenerative conditions. Cell stem cell, 32(3), 445.

Yamaguchi R, et al. (2025) Possible Involvement of CSPG4 in Promoting Endothelial Cell Migration and Contributing to Angiogenesis during Skeletal Muscle Regeneration and Development in the Rat. Animal science journal = Nihon chikusan Gakkaiho, 96(1), e70097.