Resource Summary Report

Generated by nidm-terms on Sep 4, 2026

pX330-U6-Chimeric_BB-CBh-hSpCas9-hGem(1/110)

RRID:Addgene_71707
Type: Plasmid

Proper Citation

RRID:Addgene_71707

Plasmid Information

URL: http://www.addgene.org/71707

Proper Citation: RRID:Addgene_71707

Insert Name: humanized S. pyogenes Cas9 fused to human Geminin

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:26854237

Vector Backbone Description: Backbone Marker:Zhang lab, Addgene plasmid 42230; Vector Backbone:pX330-U6-Chimeric_BB-CBh-hSpCas9; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pX330-U6-Chimeric_BB-CBh-hSpCas9-hGem(1/110)

Record Creation Time: 20220422T222441+0000

Record Last Update: 20260902T050051+0000

Ratings and Alerts

No rating or validation information has been found for pX330-U6-Chimeric_BB-CBh-hSpCas9-hGem(1/110).

No alerts have been found for pX330-U6-Chimeric_BB-CBh-hSpCas9-hGem(1/110).

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 .

Grundy M, et al. (2025) Abnormal nucleoli architecture and aggregate formation in nucleophosmin mutated acute myeloid leukaemia. Journal of cell science, 138(10).

Mendonca T, et al. (2025) The mitotic chromosome periphery modulates chromosome mechanics. Nature communications, 16(1), 6399.

Capece M, et al. (2023) A novel auxin-inducible degron system for rapid, cell cycle-specific targeted proteolysis. Cell death and differentiation, 30(9), 2078.

Schnabl J, et al. (2021) Molecular principles of Piwi-mediated cotranscriptional silencing through the dimeric SFiNX complex. Genes & development, 35(5-6), 392.

Peng SZ, et al. (2021) Phase separation of Nur77 mediates celastrol-induced mitophagy by promoting the liquidity of p62/SQSTM1 condensates. Nature communications, 12(1), 5989.

Kumagai A, et al. (2020) Binding of the Treslin-MTBP Complex to Specific Regions of the Human Genome Promotes the Initiation of DNA Replication. Cell reports, 32(12), 108178.

Janssen JM, et al. (2019) The Chromatin Structure of CRISPR-Cas9 Target DNA Controls the Balance between Mutagenic and Homology-Directed Gene-Editing Events. Molecular therapy. Nucleic acids, 16, 141.

Voss JE, et al. (2019) Reprogramming the antigen specificity of B cells using genome-editing technologies. eLife, 8.

Hu R, et al. (2019) Construction of a sensitive pyrogen-testing cell model by site-specific knock-in of multiple genes. Biotechnology and bioengineering, 116(10), 2652.