

Resource Summary Report

Generated by [nidm-terms](#) on Sep 1, 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: 20260829T080945+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.