

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

[pX330A-1x3](#)

RRID:Addgene_58767

Type: Plasmid

Proper Citation

RRID:Addgene_58767

Plasmid Information

URL: <http://www.addgene.org/58767>

Proper Citation: RRID:Addgene_58767

Insert Name: humanized S. pyogenes Cas9 nuclease

Organism: S. pyogenes

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24954249](#)

Vector Backbone Description: Vector Backbone:pUC ori vector; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pX330A-1x3

Record Creation Time: 20220422T222340+0000

Record Last Update: 20260815T081718+0000

Ratings and Alerts

No rating or validation information has been found for pX330A-1x3.

No alerts have been found for pX330A-1x3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Takahashi T, et al. (2026) The acyl- and alkyl-glycerone phosphate reductase DHRS7 is involved in the production of distinct plasmalogen species from DHRS7B. *Journal of cell science*, 139(9).

Xiong X, et al. (2023) Imaging Method Using CRISPR/dCas9 and Engineered gRNA Scaffolds Can Perturb Replication Timing at the HSPA1 Locus. *ACS synthetic biology*, 12(5), 1424.

Kitakaze K, et al. (2021) ATF4-mediated transcriptional regulation protects against ??-cell loss during endoplasmic reticulum stress in a mouse model. *Molecular metabolism*, 54, 101338.

Ophinni Y, et al. (2020) Multiplexed tat-Targeting CRISPR-Cas9 Protects T Cells from Acute HIV-1 Infection with Inhibition of Viral Escape. *Viruses*, 12(11).

Yu Y, et al. (2020) Engineering a far-red light-activated split-Cas9 system for remote-controlled genome editing of internal organs and tumors. *Science advances*, 6(28), eabb1777.

Tasan I, et al. (2020) Two-Color Imaging of Nonrepetitive Endogenous Loci in Human Cells. *ACS synthetic biology*, 9(9), 2502.

Bao Z, et al. (2018) Genome-scale engineering of *Saccharomyces cerevisiae* with single-nucleotide precision. *Nature biotechnology*, 36(6), 505.

Hisanaga S, et al. (2018) PERK-mediated translational control is required for collagen secretion in chondrocytes. *Scientific reports*, 8(1), 773.