

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pLX_311-Cas9

RRID:Addgene_96924

Type: Plasmid

Proper Citation

RRID:Addgene_96924

Plasmid Information

URL: <http://www.addgene.org/96924>

Proper Citation: RRID:Addgene_96924

Insert Name: Cas9

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25184501](#)

Vector Backbone Description: Vector Backbone:pXPR; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLX_311-Cas9

Record Creation Time: 20220422T222625+0000

Record Last Update: 20260815T082231+0000

Ratings and Alerts

No rating or validation information has been found for pLX_311-Cas9.

No alerts have been found for pLX_311-Cas9.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 40 mentions in open access literature.

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

Kilroy J, et al. (2026) Intragenic Transcription from Defective HIV Proviruses Triggers Interferon Responses in Myeloid Cells. *bioRxiv : the preprint server for biology*.

Zamora-Dorta M, et al. (2025) Time-resolved mitochondrial screen identifies regulatory components of oxidative metabolism. *EMBO reports*, 26(12), 3045.

Song J, et al. (2025) Norovirus co-opts NINJ1 for selective protein secretion. *Science advances*, 11(9), eadu7985.

Carlson RJ, et al. (2025) Single-cell image-based screens identify host regulators of Ebola virus infection dynamics. *Nature microbiology*, 10(8), 1989.

Dufloo J, et al. (2025) Dipeptidase 1 is a functional receptor for a porcine coronavirus. *Nature microbiology*, 10(11), 2981.

Sanchez A, et al. (2025) CRISPR Screen Identifies BAP1 as a Deubiquitinase Regulating SPIN4 Stability. *Biochemistry*, 64(20), 4318.

Gentili M, et al. (2024) Classification and functional characterization of regulators of intracellular STING trafficking identified by genome-wide optical pooled screening. *bioRxiv : the preprint server for biology*.

Hofman DA, et al. (2024) Translation of non-canonical open reading frames as a cancer cell survival mechanism in childhood medulloblastoma. *Molecular cell*, 84(2), 261.

Carlson RJ, et al. (2024) Single-cell image-based genetic screens systematically identify regulators of Ebola virus subcellular infection dynamics. *bioRxiv : the preprint server for biology*.

German B, et al. (2024) MYBL2 Drives Prostate Cancer Plasticity: Inhibiting Its Transcriptional Target CDK2 for RB1-Deficient Neuroendocrine Prostate Cancer. *Cancer research communications*, 4(9), 2295.

Deleuze V, et al. (2024) Protocol for efficient CRISPR-Cas9-mediated fluorescent tag knockin in hard-to-transfect erythroid cell lines. *STAR protocols*, 5(2), 103016.

Gentili M, et al. (2024) Classification and functional characterization of regulators of intracellular STING trafficking identified by genome-wide optical pooled screening. *Cell systems*, 15(12), 1264.

McGee AV, et al. (2024) Modular vector assembly enables rapid assessment of emerging CRISPR technologies. *Cell genomics*, 4(3), 100519.

Sharifnia T, et al. (2023) Mapping the landscape of genetic dependencies in chordoma. *Nature communications*, 14(1), 1933.

Carreras-Sureda A, et al. (2023) The ER stress sensor IRE1 interacts with STIM1 to promote store-operated calcium entry, T cell activation, and muscular differentiation. *Cell*

reports, 42(12), 113540.

Najm FJ, et al. (2023) Chromatin complex dependencies reveal targeting opportunities in leukemia. *Nature communications*, 14(1), 448.

Reed A, et al. (2023) TMEM164 is an acyltransferase that forms ferroptotic C20:4 ether phospholipids. *Nature chemical biology*, 19(3), 378.

Dufva O, et al. (2023) Single-cell functional genomics reveals determinants of sensitivity and resistance to natural killer cells in blood cancers. *Immunity*, 56(12), 2816.

Pandya P, et al. (2022) p53 Promotes Cytokine Expression in Melanoma to Regulate Drug Resistance and Migration. *Cells*, 11(3).

Reed A, et al. (2022) LPCAT3 Inhibitors Remodel the Polyunsaturated Phospholipid Content of Human Cells and Protect from Ferroptosis. *ACS chemical biology*, 17(6), 1607.