

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

[pX330-gRNA](#)

RRID:Addgene_158973

Type: Plasmid

Proper Citation

RRID:Addgene_158973

Plasmid Information

URL: <http://www.addgene.org/158973>

Proper Citation: RRID:Addgene_158973

Insert Name: gRNA3

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32797168](#)

Vector Backbone Description: Vector Backbone:pX330-U6-Chimeric_BB-CBh-hSpCas9; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pX330-gRNA

Record Creation Time: 20220422T221901+0000

Record Last Update: 20260815T080823+0000

Ratings and Alerts

No rating or validation information has been found for pX330-gRNA.

No alerts have been found for pX330-gRNA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Tollenaere A, et al. (2026) Mechanisms of gene regulation by SRCAP and H2A.Z. *Nature communications*, 17(1).

Mosti F, et al. (2026) Species-specific chromatin architecture and neurogenesis mediated by a human enhancer. *Cell stem cell*, 33(4), 695.

Melhuish TA, et al. (2026) Increased expression of a subset of genes within reduced copy number regions across multiple cancer types. *bioRxiv : the preprint server for biology*.

Eder M, et al. (2025) Functional maps of a genomic locus reveal confinement of an enhancer by its target gene. *Science (New York, N.Y.)*, 389(6766), eads6552.

Kumar R, et al. (2025) CRM1 regulates androgen receptor stability and impacts DNA repair pathways in prostate cancer, independent of the androgen receptor. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(2), e70342.

Perez Montero S, et al. (2024) Mutation of p53 increases the competitive ability of pluripotent stem cells. *Development (Cambridge, England)*, 151(2).

Shu HJ, et al. (2024) Effects of Complete and Partial Loss of the 24S-Hydroxycholesterol-Generating Enzyme Cyp46a1 on Behavior and Hippocampal Transcription in Mouse. *Biomolecules*, 14(3).

Sacristan C, et al. (2024) Vertebrate centromeres in mitosis are functionally bipartite structures stabilized by cohesin. *Cell*, 187(12), 3006.

Chanduri M, et al. (2024) Cellular stiffness sensing through talin 1 in tissue mechanical homeostasis. *Science advances*, 10(34), eadi6286.

Fujiwara K, et al. (2024) Spatial organizations of heterochromatin underpin nuclear structural integrity of ventricular cardiomyocytes against mechanical stress. *Cell reports*, 43(12), 115048.

Shan Y, et al. (2024) METTL3/METTL14 maintain human nucleoli integrity by mediating SUV39H1/H2 degradation. *Nature communications*, 15(1), 7186.

Sriramulu S, et al. (2024) BUB1 regulates non-homologous end joining pathway to mediate radioresistance in triple-negative breast cancer. *Journal of experimental & clinical cancer research : CR*, 43(1), 163.

Tavares LA, et al. (2024) AP-1??2 is an adaptor protein 1 variant required for endosome-to-Golgi trafficking of the mannose-6-P receptor (CI-MPR) and ATP7B copper transporter. *The Journal of biological chemistry*, 300(3), 105700.

Chien JC, et al. (2021) Multiplexed bioluminescence-mediated tracking of DNA double-strand break repairs in vitro and in vivo. *Nature protocols*, 16(8), 3933.