

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](http://FDI Lab - SciCrunch.org) on Apr 14, 2025

## [pX330-gRNA](#)

RRID:Addgene\_158973

Type: Plasmid

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### Proper Citation

RRID:Addgene\_158973

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### 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](https://pubmed.ncbi.nlm.nih.gov/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:** 20220422T222935+0000

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### Ratings and Alerts

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

No alerts have been found for pX330-gRNA.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 8 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

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).

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

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

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

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.

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.

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.