

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 10, 2025

## pCRISPRia-v2

RRID:Addgene\_84832

Type: Plasmid

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### Proper Citation

RRID:Addgene\_84832

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### Plasmid Information

**URL:** <http://www.addgene.org/84832>

**Proper Citation:** RRID:Addgene\_84832

**Insert Name:** sgRNA

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:27661255](#)

**Vector Backbone Description:** Backbone Marker:Addgene; Backbone Size:8200; Vector Backbone:pSICO derivative; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

**Plasmid Name:** pCRISPRia-v2

**Record Creation Time:** 20220422T222546+0000

**Record Last Update:** 20231115T081052+0000

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### Ratings and Alerts

No rating or validation information has been found for pCRISPRia-v2.

No alerts have been found for pCRISPRia-v2.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Khoroshkin M, et al. (2024) Systematic identification of post-transcriptional regulatory modules. *Nature communications*, 15(1), 7872.

Yang Y, et al. (2024) Large tandem duplications in cancer result from transcription and DNA replication collisions. *medRxiv : the preprint server for health sciences*.

Fernandez SG, et al. (2024) Ribosome rescue factor PELOTA modulates translation start site choice for C/EBP $\beta$  protein isoforms. *Life science alliance*, 7(7).

Umhoefer JM, et al. (2024) Deciphering regulation of FOXP3 expression in human conventional T cells. *bioRxiv : the preprint server for biology*.

Ivancevic A, et al. (2024) Endogenous retroviruses mediate transcriptional rewiring in response to oncogenic signaling in colorectal cancer. *Science advances*, 10(29), eado1218.

Wu R, et al. (2024) Disruption of nuclear speckle integrity dysregulates RNA splicing in C9ORF72-FTD/ALS. *Neuron*, 112(20), 3434.

Zhao Y, et al. (2024) Long noncoding RNA Malat1 protects against osteoporosis and bone metastasis. *Nature communications*, 15(1), 2384.

Villagomez FR, et al. (2024) Claudin-4 stabilizes the genome via nuclear and cell cycle remodeling to support ovarian cancer cell survival. *Cancer research communications*.

Aiken J, et al. (2024) Spastin locally amplifies microtubule dynamics to pattern the axon for presynaptic cargo delivery. *Current biology : CB*, 34(8), 1687.

Zirak B, et al. (2024) Revealing the grammar of small RNA secretion using interpretable machine learning. *Cell genomics*, 4(4), 100522.

Mowery CT, et al. (2024) Systematic decoding of cis gene regulation defines context-dependent control of the multi-gene costimulatory receptor locus in human T cells. *Nature genetics*, 56(6), 1156.

Lai JD, et al. (2024) KCNJ2 inhibition mitigates mechanical injury in a human brain organoid model of traumatic brain injury. *Cell stem cell*, 31(4), 519.

Chakrabarty Y, et al. (2024) The HRI branch of the integrated stress response selectively triggers mitophagy. *Molecular cell*, 84(6), 1090.

Hazan JM, et al. (2024) Integration of transcription regulation and functional genomic data reveals lncRNA SNHG6's role in hematopoietic differentiation and leukemia. *Journal of biomedical science*, 31(1), 27.

Luteijn RD, et al. (2024) The activation of the adaptor protein STING depends on its interactions with the phospholipid PI4P. *Science signaling*, 17(827), eade3643.

Jones-Tabah J, et al. (2024) The Parkinson's disease risk gene cathepsin B promotes fibrillar alpha-synuclein clearance, lysosomal function and glucocerebrosidase activity in dopaminergic neurons. *Research square*.

Vasudevan HN, et al. (2024) Functional interactions between neurofibromatosis tumor suppressors underlie Schwann cell tumor de-differentiation and treatment resistance. *Nature communications*, 15(1), 477.

Khoroshkin M, et al. (2024) A systematic search for RNA structural switches across the human transcriptome. *Nature methods*, 21(9), 1634.

Cheng Y, et al. (2024) A non-canonical role for a small nucleolar RNA in ribosome biogenesis and senescence. *Cell*, 187(17), 4770.

Sheedy CJ, et al. (2024) PEX1G843D remains functional in peroxisome biogenesis but is rapidly degraded by the proteasome. *bioRxiv : the preprint server for biology*.