

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 15, 2025

## hCRISPRi-v2, genome-wide, top 5 sgRNAs/gene

RRID:Addgene\_83969

Type: Plasmid

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### Proper Citation

RRID:Addgene\_83969

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### Plasmid Information

**URL:** <http://www.addgene.org/83969>

**Proper Citation:** RRID:Addgene\_83969

**Bacterial Resistance:** Ampicillin

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

**Vector Backbone Description:** Vector Backbone:pCRISPRi-v2; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

**Plasmid Name:** hCRISPRi-v2, genome-wide, top 5 sgRNAs/gene

**Record Creation Time:** 20220422T222542+0000

**Record Last Update:** 20220422T225135+0000

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### Ratings and Alerts

No rating or validation information has been found for hCRISPRi-v2, genome-wide, top 5 sgRNAs/gene.

No alerts have been found for hCRISPRi-v2, genome-wide, top 5 sgRNAs/gene.

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### Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We found 13 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](https://www.fdi-lab.org/SciCrunch.org).

Vu JT, et al. (2024) A genome-wide screen links peroxisome regulation with Wnt signaling through RNF146 and tankyrase. *bioRxiv : the preprint server for biology*.

Muthukumar G, et al. (2024) Triaging of  $\alpha$ -helical proteins to the mitochondrial outer membrane by distinct chaperone machinery based on substrate topology. *Molecular cell*, 84(6), 1101.

Choi S, et al. (2024) The Role of IRF9 Upregulation in Modulating Sensitivity to Olaparib and Platinum-Based Chemotherapies in Breast Cancer. *Genes*, 15(7).

Heo SJ, et al. (2024) Compact CRISPR genetic screens enabled by improved guide RNA library cloning. *Genome biology*, 25(1), 25.

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

Arriaga JM, et al. (2024) In vivo genome-wide CRISPR screening identifies CITED2 as a driver of prostate cancer bone metastasis. *Oncogene*, 43(17), 1303.

Carnie CJ, et al. (2024) Transcription-coupled repair of DNA-protein cross-links depends on CSA and CSB. *Nature cell biology*, 26(5), 797.

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

Zelceski A, et al. (2023) MND1 and PSMC3IP control PARP inhibitor sensitivity in mitotic cells. *Cell reports*, 42(5), 112484.

Wei TT, et al. (2022) Cannabinoid receptor 1 antagonist genistein attenuates marijuana-induced vascular inflammation. *Cell*, 185(10), 1676.

Coukos R, et al. (2021) An engineered transcriptional reporter of protein localization identifies regulators of mitochondrial and ER membrane protein trafficking in high-throughput CRISPRi screens. *eLife*, 10.

Palmer AC, et al. (2019) A curative combination cancer therapy achieves high fractional cell killing through low cross-resistance and drug additivity. *eLife*, 8.

Tesar PJ, et al. (2007) New cell lines from mouse epiblast share defining features with human embryonic stem cells. *Nature*, 448(7150), 196.