

Resource Summary Report

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University of California at Santa Cruz CRISPR Core Facility

RRID:SCR_021207

Type: Tool

Proper Citation

University of California at Santa Cruz CRISPR Core Facility (RRID:SCR_021207)

Resource Information

URL: <https://sites.google.com/ucsc.edu/ucsccrisprcore/home>

Proper Citation: University of California at Santa Cruz CRISPR Core Facility (RRID:SCR_021207)

Description: Facility that provides CRISPR services and expertise to facilitate study of gene function. Services include project consultation, sgRNA design and cloning, lentivirus production, custom CRISPR cell line generation and genome wide CRISPR screen.

Abbreviations: UCSC CRISPR Core

Resource Type: access service resource, core facility, service resource

Keywords: USEDit, ABRF, lentivirus for expression of gRNAs and ORF overexpression, custom gRNA cloning, construct custom CRISPR cell lines

Resource Name: University of California at Santa Cruz CRISPR Core Facility

Resource ID: SCR_021207

Record Creation Time: 20220129T080354+0000

Record Last Update: 20260829T183321+0000

Ratings and Alerts

No rating or validation information has been found for University of California at Santa Cruz CRISPR Core Facility.

No alerts have been found for University of California at Santa Cruz CRISPR Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Flores-Arenas C, et al. (2025) CRISPRi screen uncovers lncRNA regulators of human monocyte growth. *The Journal of biological chemistry*, 301(6), 110204.

John K, et al. (2025) Human long noncoding RNA VILMIR is induced by major respiratory viral infections and modulates the host interferon response. *Journal of virology*, 99(4), e0014125.

Flores-Arena C, et al. (2024) CRISPRi Screen Uncovers lncRNA Regulators of Human Monocyte Growth. *bioRxiv : the preprint server for biology*.

Azam S, et al. (2024) The early macrophage response to pathogens requires dynamic regulation of the nuclear paraspeckle. *Proceedings of the National Academy of Sciences of the United States of America*, 121(9), e2312587121.

John K, et al. (2024) Human long noncoding RNA, VILMIR, is induced by major respiratory viral infections and modulates the host interferon response. *bioRxiv : the preprint server for biology*.