

Resource Summary Report

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University of California at Berkeley QB3 Genomics Core Facility

RRID:SCR_022170

Type: Tool

Proper Citation

University of California at Berkeley QB3 Genomics Core Facility (RRID:SCR_022170)

Resource Information

URL: <https://qb3.berkeley.edu/facility/genomics/>

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Description: Partnership between Vincent J. Coates Genomics Sequencing Laboratory, Functional Genomics Laboratory, and Computational Genomics Resource Laboratory. Offers consultation on experimental design and data analysis, full suite of technical services related to high throughput sequencing and genomics experiments, and access to high performance computational infrastructure.

Synonyms: University of California at Berkeley UCB-QB3 Genomics, UCB-QB3 Genomics

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

Keywords: USEEdit, ABRF, genomics research, high throughput sequencing and genomics experiments, high performance computational infrastructure access

Funding: NIH Office of the Director OD018174

Availability: open

Resource Name: University of California at Berkeley QB3 Genomics Core Facility

Resource ID: SCR_022170

Alternate IDs: ABRF_1346

Alternate URLs: <https://coremarketplace.org/?FacilityID=1346>

Record Creation Time: 20220421T050139+0000

Record Last Update: 20250507T061515+0000

Ratings and Alerts

No rating or validation information has been found for University of California at Berkeley QB3 Genomics Core Facility.

No alerts have been found for University of California at Berkeley QB3 Genomics Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 45 mentions in open access literature.

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

Morgens DW, et al. (2025) Enhancers and genome conformation provide complex transcriptional control of a herpesviral gene. *Molecular systems biology*, 21(1), 30.

Hilzinger JM, et al. (2025) Acetaminophen production in the edible, filamentous cyanobacterium *Arthrospira platensis*. *Biotechnology and bioengineering*, 122(1), 44.

Maurya S, et al. (2024) Regulation of Diseases-Associated Microglia in the Optic Nerve by Lipoxin B4 and Ocular Hypertension. *bioRxiv : the preprint server for biology*.

Karnam S, et al. (2024) Dysregulation of neuroprotective lipoxin pathway in astrocytes in response to cytokines and ocular hypertension?. *Acta neuropathologica communications*, 12(1), 58.

Pestal K, et al. (2024) Krüppel-like Factor (KLF) family members control expression of genes required for serous cavity and alveolar macrophage identities. *bioRxiv : the preprint server for biology*.

Saito H, et al. (2024) DMDA-PatA mediates RNA sequence-selective translation repression by anchoring eIF4A and DDX3 to GNG motifs. *Nature communications*, 15(1), 7418.

- Allen KN, et al. (2024) Hypoxia exposure blunts angiogenic signaling and upregulates the antioxidant system in endothelial cells derived from elephant seals. *BMC biology*, 22(1), 91.
- Radosevich M, et al. (2024) Characterizing the soil microbial community associated with the fungal pathogen *Coccidioides immitis*. *bioRxiv : the preprint server for biology*.
- Butrus S, et al. (2024) Molecular states underlying neuronal cell type development and plasticity in the whisker cortex. *bioRxiv : the preprint server for biology*.
- Alvarez-Aponte ZI, et al. (2024) Phylogenetic distribution and experimental characterization of corrinoid production and dependence in soil bacterial isolates. *The ISME journal*, 18(1).
- Taylor JW, et al. (2024) Oligodendroglioma patient survival is associated with circulating B-cells and age. *Neuro-oncology advances*, 6(1), vdae143.
- Serrano K, et al. (2024) Spatial co-transcriptomics reveals discrete stages of the arbuscular mycorrhizal symbiosis. *Nature plants*, 10(4), 673.
- Swissa E, et al. (2024) Cortical plasticity is associated with blood-brain barrier modulation. *eLife*, 12.
- Ishibashi K, et al. (2024) Translation of zinc finger domains induces ribosome collision and Znf598-dependent mRNA decay in zebrafish. *PLoS biology*, 22(12), e3002887.
- Maurya S, et al. (2024) Regulation of disease-associated microglia in the optic nerve by lipoxin B4 and ocular hypertension. *Molecular neurodegeneration*, 19(1), 86.
- Rugman-Jones PF, et al. (2024) Pervasive heteroplasmy in an invasive ambrosia beetle (Scolytinae) in southern California. *Heredity*.
- Biggs BW, et al. (2024) High-throughput protein characterization by complementation using DNA barcoded fragment libraries. *Molecular systems biology*, 20(11), 1207.
- Leon F, et al. (2024) Cell differentiation controls iron assimilation in a choanoflagellate. *bioRxiv : the preprint server for biology*.
- Ferguson L, et al. (2024) Improved precision, sensitivity, and adaptability of Ordered Two-Template Relay cDNA library preparation for RNA sequencing. *bioRxiv : the preprint server for biology*.
- Lobel JH, et al. (2024) Defining the mechanisms and properties of post-transcriptional regulatory disordered regions by high-throughput functional profiling. *bioRxiv : the preprint server for biology*.