

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: core facility, access service resource, 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

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: 20260808T190701+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 102 mentions in open access literature.

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

Jong RM, et al. (2026) Cas9+ conditionally immortalized neutrophil progenitors as a tool for genome-wide CRISPR screening for neutrophil differentiation and function. eLife, 15.

Martin A, et al. (2026) Telomere length of both parents contribute to heritable POT1 cancer-predisposition syndrome. bioRxiv : the preprint server for biology.

Cama B, et al. (2026) Global adaptation to climate change in the twilight zone revealed by shared signals of selection in mesopelagic lanternfishes. bioRxiv : the preprint server for biology.

Qin Y, et al. (2026) Loss of TMEM55B modulates lipid metabolism through dysregulated lipophagy and mitochondrial function. Cell death & disease, 17(1), 26.

Kumar M, et al. (2026) Lipoxin B4 Mitigates TRPV4-Activated Müller Cell Gliosis During Ocular Hypertension. Investigative ophthalmology & visual science, 67(2), 2.

Reyes-Chavez B, et al. (2026) Carbohydrate utilization regulator reveals a noncanonical mechanism of nutrient differentiation. bioRxiv : the preprint server for biology.

Mao X, et al. (2026) Cytoplasmic mRNA decay by the antiviral nuclease RNase L promotes transcriptional repression. Cell reports, 45(3), 117028.

Ascensao JA, et al. (2026) The evolution of genetic drift over 50,000 generations. bioRxiv : the preprint server for biology.

Modi A, et al. (2026) An Optimized RNF126-Targeting Covalent Handle for Molecular Glue Degraders. bioRxiv : the preprint server for biology.

Zhou L, et al. (2026) p21-Positive Senescent Stromal Cells Promote Prostate Cancer Immune Suppression and Progression That Can Be Reversed by Senolytic Therapy. Cancer discovery, 16(3), 571.

Wu X, et al. (2026) Rapid adaptation and extinction in synchronized outdoor evolution experiments of *Arabidopsis*. *Science* (New York, N.Y.), 391(6792), eadz0777.

Liu X, et al. (2026) Ploidy and neuron size impact nervous system development and function in *Xenopus*. *Cell reports*, 45(2), 116969.

Wang AL, et al. (2026) Genomic wastewater surveillance of human and animal influenza A viruses in California during the 2024-2025 flu season. *medRxiv : the preprint server for health sciences*.

Aguilar-Gómez D, et al. (2026) Selection-driven color variation in the aposematic strawberry poison frog, *Oophaga pumilio*. *Current biology : CB*, 36(6), 1355.

Tian D, et al. (2026) Long-term small effective population size, inbreeding, and a recessive lethal haplotype drive premature death in the endangered Devils Hole pupfish (*Cyprinodon diabolis*). *bioRxiv : the preprint server for biology*.

Lyons EF, et al. (2026) Translation elongation as a rate-limiting step of protein production. *Cell systems*, 17(2), 101490.

Gulyas L, et al. (2026) Cleavage of the RNA polymerase II general transcription factor TFIIB tunes transcription during stress. *Genes & development*, 40(13-14), 1045.

Jo Y, et al. (2026) ITPKB is a conserved regulator of natural killer cell desensitization/education that constrains antitumor immunity. *bioRxiv : the preprint server for biology*.

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

Kumar M, et al. (2025) Lipoxin B4 Mitigates TRPV4-Activated Müller Cell Gliosis During Ocular Hypertension. *bioRxiv : the preprint server for biology*.