

Fall 2018 Non-EGL UC Resources for Genetic Research

UC Berkeley resources:

MCB storerooms: Lab reagents and consumables. Excellent for special orders and items not regularly kept in stock in the EGL. Their websites are well-maintained and can be used to see what items are currently available and to make special order requests. An [account](#) grants you access to both storerooms.

177 [LSA](#): <http://mcb.berkeley.edu/lisa/storeroom/>

Open 8:45am-4:45pm Mon-Fri

Contact: Fred Khorshidi

E-mail: lsastockroom@mcb.berkeley.edu

Phone: 510-643-8998 or 510-643-9508

1 [Barker Hall](#): <http://mcb.berkeley.edu/barker/storeroom/>

Open 8am-noon & 1-5pm Mon-Fri

E-mail: bkstockroom@mcb.berkeley.edu

Phone: 510-642-1095 or 510-642-6739

QB3 (California Institute for Quantitative Biosciences) core facilities: sample preparation and assessment, library preparation, high throughput sequencing (HiSeq, PacBio), computational resources

[Vincent J. Coates Genomics Sequencing Laboratory](#): Illumina & PacBio Sequel sequencing and some library prep, capture, and QC services. [Current rates here](#). Samples can be dropped off here for sequencing or at the Functional Genomics Lab in LSA. They maintain a [page with the current Illumina queue and calendar of scheduled runs](#) for QB3.

Note: The Berkeley GSL will coordinate sample submission with the other UC core facilities for technologies they do not directly offer, like NovaSeq or

B206 [Stanley Hall](#)

Open: 10a-5p

Contact: Shana McDevitt

E-mail: shana.mcdevitt@berkeley.edu, vcgsl.qb3@gmail.com

Phone: 666-3372

***request to be subscribed to their user list by [emailing gslusers-owner@lists.berkeley.edu](mailto:emailing_gslusers-owner@lists.berkeley.edu).

[Functional Genomics Lab](#): Smaller scale [Bioanalyzer/Fragment Analyzer runs](#), Covaris DNA shearing, Pippin Prep, and [much more](#). Some instruments (like the bioanalyzer) are run by facility staff, but for others, they will train you and charge an hourly or per-use fee.

255 [LSA](#)

Open: 10a-5p, but often they are there later in the afternoon as well.

Contact: Justin Choi and Karen Lundy

E-mails: jygchoi@berkeley.edu, lundyk@berkeley.edu, fgl.qb3@gmail.com

Phone: 642-1165

[MCB DNA Sequencing Facility](#): Sanger sequencing at reasonable [rates](#) starting from cleaned PCR products. [Sample/primer mixtures](#) can be dropped off in 136 [Life Sciences Addition](#) (first floor cold room) by 11:30am (the sample racks are rear left on the shelf below the bench) or dropped off at their Barker Hall location in the afternoon.

310 [Barker Hall](#)

Open: 9a-8p

Contact: Hitomi Asahara and Brian McCarthy

E-mails: hitomi@berkeley.edu, brianmcc@berkeley.edu, dnaseq@berkeley.edu

Phone: 642-6383 or 642-9601

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[Electron Microscope Lab at UC Berkeley](#): Liquid Nitrogen. Sign up with [this form](#) (mention in the comments if you only wish to use the liquid nitrogen in order to expedite the process.)
26 [Giannini Hall](#) (Note: the lab is in the northwest corner of the building, on the same side as the parking lot.)

Contact: Kent McDonald

E-mails: klm@berkeley.edu

Phone: 642-2085

[Berkeley Research Computing](#): Manages [Savio the HPC cluster](#) at Berkeley. It has some [bioinformatics software](#) already installed and the capacity to install more. Faculty are allotted up to 300K SU's per academic year—[apply here for access](#).

General inquiries: research-it@berkeley.edu

Help desk: brc-hpc-help@berkeley.edu

Consultation: brc@berkeley.edu

Off-campus resources:

UC Davis Genome Center [DNA Technologies Core Facility](#): Offers some equipment and services that the Berkeley facility does not (NovaSeq, 10X Chromium library preps). [Current rates here](#). UC Berkeley customers pay the same as internal customers. They also offer large-scale (Illumina Infinium II) and medium-scale (Fluidigm EP1) genotyping assays.

[UC Davis Bioinformatics Core](#): an initial consultation is free but work on the project is billed at [\\$97/hour for UC customers](#). They also offer multi-day training workshops for a fee

[UCSF Center for Advanced Technology](#) has a NovaSeq running the S4 flowcell (> 2B reads per lane) with PE150. Samples for this may be submitted through Shana at the Berkeley facility.
Contact eric.chow@ucsf.edu for information on other services and rates.