

## Useful Links

### 1. Gladstone Transgenic Gene Targeting Core [1]

The Gladstone Transgenic Gene targeting core injects either DNA or ES cells to create genetically modified mouse models.

Contact: Junli Zhang [2]

### 2. UCSF Rederivation Core [3]

The core creates new mice by embryo transfer in order to prevent the potential for transmission of pathogens.

Contact: Helen Lu [4]

### 3. UCSF Cryopreservation and Resuscitation Core [5]

The core will cryopreserve sperm and embryo and, on request, resuscitate them to re-create mouse lines.

Contact: Khalida Sabeur [6]

### 4. UCSF Mouse Inventory Database [7]

The Mouse Inventory Database provides the university community with a central online resource that describes mice currently housed at UCSF. Users can go online with a web browser to determine if mice carrying a particular genetic alteration or mice of a particular inbred strain are available in the colony of one or more investigators at the university and to find out whom to contact about the possibility of obtaining the mice. Access to this information should save investigators considerable time and money in acquiring mice, as well as stimulate collaboration between investigators.

### 5. International Mouse Strain Resource (IMSR) [8]

The IMSR is a searchable online database of mouse strains, stocks, and mutant ES cell lines available worldwide, including inbred, mutant, and genetically engineered strains. The goal of the IMSR is to assist the international scientific community in locating and obtaining mouse resources for research.

### 6. Mouse Genome Informatics [9]

MGI is the international database resource for the laboratory mouse, providing integrated genetic, genomic, and biological data to facilitate the study of human health and disease.

## **7.JAX mice and Services**<sup>[10]</sup>

JAX holds and distributes popular mouse models that have been published and well characterized. You can search the database and order.

## **8.UCDAVIS KOMP Repository**<sup>[11]</sup>

You can use this website to order all KOMP products, including targeting vectors, targeted ES cells, mice, sperm and embryos produced by CSD consortium and Velocigene/Regeneron Pharmaceuticals.

## **9.European Mouse Mutant Cell Repository**<sup>[12]</sup>

EuMMCR unit distributes materials arising within the EUCOMM consortium. Currently targeting vectors and ES cells are on the list.

## **10.Sanger MicroRNA Knockout ES Cell Lines**<sup>[13]</sup>

The Sanger Institute is generating a continually expanding collection of miRNA ES cell lines and these lines are distributed by MMRRRC.

## **11.German Mouse Clinic**<sup>[14]</sup>

GMC offers the examination of mouse mutants using a standardized phenotypic check-up with more than 550 parameters covering behavior, neurology, immunology, allergy, metabolism, cardiovascular analysis, vision, hearing, and pathology.

## **12. Useful Guidelines**

**Transgenic Outline**<sup>[15]</sup>

**Gene Targeting Outline** <sup>[16]</sup>

**Mouse Breeding Guideline** <sup>[17]</sup>

## **13.UCSF Cores Search** <sup>[18]</sup>

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UCSF Main Site

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**Source URL:** <https://escore.ucsf.edu/useful-links>

### **Links**

[1] [http://labs.gladstone.ucsf.edu/transgenic\\_gene\\_targeting/home](http://labs.gladstone.ucsf.edu/transgenic_gene_targeting/home)

[2] <mailto:junli.zhang@gladstone.ucsf.edu>

[3] <http://or.ucsf.edu/larc/10966-DSY.html>

[4] <mailto:helen.lu@ucsf.edu>

- [5] <http://cryo.ucsf.edu/>
- [6] <mailto:SabeurK@stemcell.ucsf.edu>
- [7] <https://mousedatabase.ucsf.edu/mouseinventory/about.jsp>
- [8] <http://www.findmice.org/index.jsp>
- [9] <http://www.informatics.jax.org/>
- [10] <http://jaxmice.jax.org/index.html>
- [11] <https://www.komp.org/index.php>
- [12] <http://www.eummc.org/eummc.php>
- [13] [http://www.mmrrc.org/distribution/overview\\_SangerMirKO.php](http://www.mmrrc.org/distribution/overview_SangerMirKO.php)
- [14] <http://www.mouseclinic.de/index.php?id=11098>
- [15] <http://www.med.umich.edu/tamc/tgoutline.html>
- [16] <http://www.med.umich.edu/tamc/esoutline.html>
- [17] <http://www.med.umich.edu/tamc/breed.html>
- [18] <http://cores.ucsf.edu/>