



We conduct research relevant to MMRRC's resources

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News

[View newly available/Accepted Products.](#)

New Major Collection - Sanger miRNA Knockout lines

March 2011

Customer Service
service@mmrrc.org
Technical Support

- *established 1999...available, accessible, and acquirable mutant mouse lines from and for scientific researchers*
- *renewed 2005...an internationally-recognized, credible, reputable, competent, and reliable international resource*
- *renewal & expansion 2010...one of largest academic resources in the world*



Sponsored by (U42):



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
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OD/DPCPSI

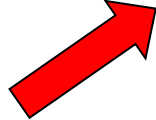
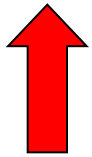
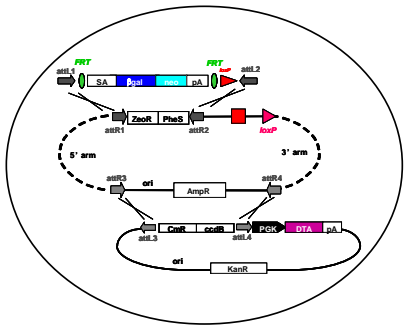
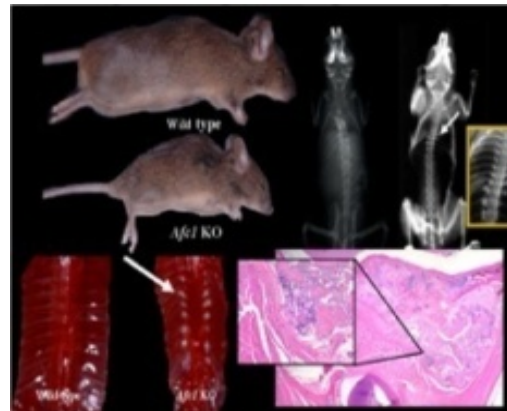
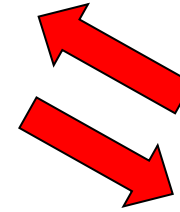
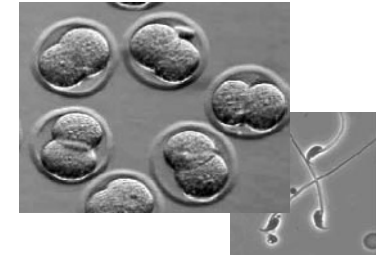
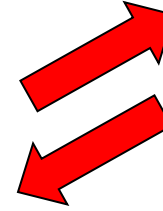
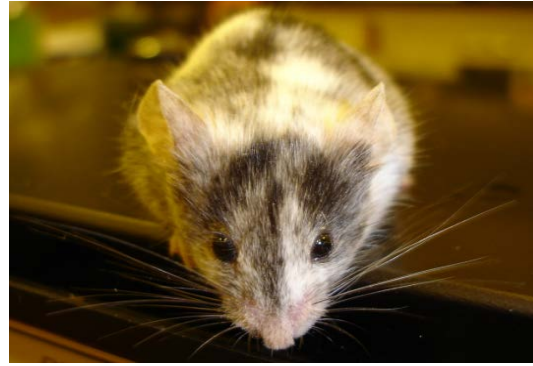
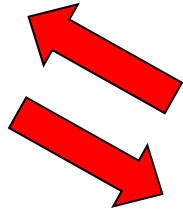
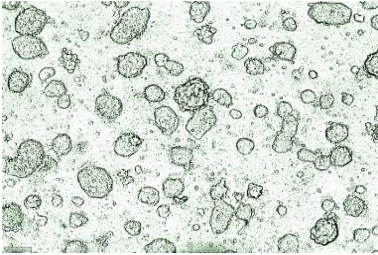
Archive and distribution repository

Informatics (database) resources

Resource-related technology development

- *Identify and evaluate mouse strains*
- *Quality control programs*
- *Customer service and technical support*
- *Maintain international standards of operation*
- *Public interface*
- *Provide special services (colony cryo, rederivation, etc)*
- *Coordination among repositories*
- *Provide educational and training programs*

Mouse eye germplasm ~~is a~~ stem cell molecules



Archival Holdings

as of April 2012

Total unique genes (unique alleles): 8,905 (33,535)

Breeding colonies: 173

Germplasm: 6,748

embryos: 3,374

sperm: 3,374

ES cell lines: 28,995



~30,000 mutant lines deposited individually and as major collections....

Trans-NIH Mouse Initiatives



~14,000 gene trap ES cells and mice (+WTSI, Soriano)



Deltagen and Lexicon Knockout Mice and Phenotypic Data

~200 knockouts, ES cells and mice, and data



~497 mouse lines, ES cells, and phenotyping data



>50 ENU immune and other phenotypes, mice and germplasm



~800 BAC-tg and CRE mouse lines & data

Order and distribution

Since 2000

Total (last 12 mos) orders: 10,024 (1464)

Total (last 12 mos) breeding lines: 3551 (1061)

Total (last 12 mos) germplasm: 1208 (210)

embryos: 658 (54)

sperm: 550 (156)

Total (last 12 mos) ES cell lines: 5265 (193)

- Cancellations: ~1% (ran out of funding; collaborator with line live on the shelf, etc)
- 31% of all breeding lines represented unique alleles, 40% last 12 months

Around 80 KOMP genes have recently been made available as live mice! Order soon as these lines will enter the cryoarchiving process on October 15th. [View the list](#) and place your order.



You can search by [gene name](#), [gene ID](#) or [project!](#)
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Links and Downloads

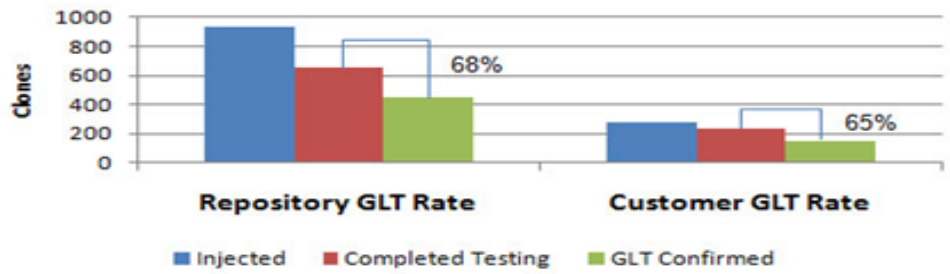
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KOMP Repository GLT Rates updated November 27, 2011



More details on [repository GLT rates](#) and [customer GLT rates](#).

KOMP Blog Headlines | [all headlines](#)

[Live mouse lines available, for a time!](#)

KOMP Updates | [all updates](#)

- News** Posted on September 29, 2011.
 September 29, 2011 - \$34 million grant to create mouse models of human diseases awarded to U.C. Davis and others. [Read More](#)
- Notice** Posted on September 23, 2011.
 Around 80 KOMP genes have recently been made available as live mice! Order soon as these lines will enter the cryoarchiving process on October 15th. [View the list](#) and place your order.

News Posted on September 20, 2011.
 September 20, 2011 - NHGRI has developed its first education 'App'! If you use an iPhone, iPad, or iPod Touch, you can now have free access to the popular NHGRI Talking Glossary of Genetics anywhere you go. In addition to offering easy-to-understand written definitions, users can listen to an NHGRI scientist explain each term and provide contextual learning tips. The glossary App contains nearly 200 color illustrations and more than thirty 3-D animations that illustrate genetic concepts. The mobile version of the glossary includes all of the bells and whistles of the online version, including new and simplified search methods, easy to find



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