

Now Using Our Innovative Sperm Cryopreservation Techniques

Our Sponsored Strain Distribution Program provides a convenient and cost-effective way for investigators to distribute mouse models to the research community. Scientists can use this program to fulfill NIH requirements for sharing model organisms.* As a result, investigators can focus their time and resources on conducting research instead of mouse distribution activities.

The Jackson Laboratory is the world's largest repository and distribution center for mouse strains. Our years of experience and expertise in mouse breeding and genetics enable us to reliably import, rederive, and build distribution colonies for even the most difficult-to-breed mouse strains. Additionally, all strains in this program are archived and cryopreserved using our innovative, truly reliable sperm cryopreservation technology.

Program Benefits:

- Your strain will be rederived, cryopreserved, archived, and distributed from our repository.
- Eliminate the cost and time to distribute mice from your own colony.
- We will announce the availability and application of your strain to the biomedical research community.
- You may receive two pair of rederived animals for only the cost of shipping.

Strain Cataloging:

- Each strain is assigned a unique stock number and proper genetic nomenclature for quick and accurate identification.
- A strain data sheet is created and made available from the JAX® Mice database.
- Any necessary genotyping protocols will be adapted or refined and posted on the strain data sheet.
- Allele information will be submitted to the Mouse Genome Informatics database and strain information will be available through the International Mouse Strain Resource (IMSR).



*See <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-04-042.html>

To learn more, contact us today:

Phone: 1-800-422-6423 or 1-207-288-5845

Email: jaxservices@jax.org

Web: www.jax.org/jaxmice/services/sponsoredistribution

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Pricing

- \$2,600 for mice that can be cryopreserved as sperm and recovered and distributed as heterozygotes on a C57BL/6J, FVB/NJ, BALB/cJ, BALB/cByJ, DBA/1J, DBA/2J, C3H/HeJ or NOD/ShiLtJ genetic background.
- Please inquire about pricing for strains on other genetic backgrounds or strains that should be cryopreserved as homozygous embryos (such as inbred strains or strains with multiple genetic mutations).

Strain Acceptance Criteria

- Researchers are strongly encouraged to publish details of the phenotype and/or construction of the strain in a peer-reviewed journal.
- A functional allele-specific, PCR-based genotype assay must be provided.
- The strain must have practicable rates of viability and fertility.
- The submission must be authorized by the strain's creator/owner.