

Resource Summary Report

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Deltagen and Lexicon Knockout Mice and Phenotypic Data Resource

RRID:SCR_007312

Type: Tool

Proper Citation

Deltagen and Lexicon Knockout Mice and Phenotypic Data Resource
(RRID:SCR_007312)

Resource Information

URL: <http://www.nih.gov/science/models/mouse/deltagenlexicon/theresource.html>

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Description: Repository of knockout mice that have been extensively characterized. For each mouse line, the contractors will provide not only the mouse line itself, but also detailed, objective data on the impact of the specific gene deletion on the mouse's phenotype, which includes appearance, health, fitness, behavior, ability to reproduce, and radiological and microscopic data. Such comprehensive information on such a large group of mice has never been available to public sector researchers, and is expected to greatly accelerate efforts to explore gene functions in health and disease. This resource will give researchers unprecedented access to two private collections of knockout mice, providing valuable models for the study of human disease and laying the groundwork for a public, genome-wide library of knockout mice. The contracts also provide for the opportunity for NIH to obtain up to 1500 additional mouse lines and phenotypic data over the next three years, pending available funds. The new contracts provide NIH with irrevocable, perpetual, worldwide, royalty-free licenses to use and distribute to academic and non-profit researchers these lines of knockout mice. The mouse lines, which will be stored in the form of frozen embryos, frozen sperm and frozen embryonic stem (ES) cells, will be delivered to NIH-funded mouse repositories that supply mice to universities, medical schools and research labs all over the world. When researchers express interest in obtaining a certain knockout mouse line, the repositories will send them live mice, frozen embryos, sperm, and/or ES cells, so they can study the mice in their own labs. All data on the mice will be made available to researchers worldwide without restriction in publicly available databases on the Web. This resource will be available for a nominal fee which will be used to cover the cost of handling, shipping and replenishing the stock. Under the license agreements with Deltagen and Lexicon, researchers who receive the knockout mice lines through NIH are free to publish any results from research involving the line and

also to seek patent or other intellectual property protection for any of the inventions or discoveries resulting from such research. List of Available Knockout Mice:
<http://www.informatics.jax.org/external/ko/>

Abbreviations: Deltagen and Lexicon Knockout Mice

Synonyms: NIH Deltagen and Lexicon Knockout Mice and Phenotypic Data Resource

Resource Type: biomaterial supply resource, organism supplier, material resource

Keywords: knockout mouse, phenotype, mouse model, mutant, appearance, health, fitness, behavior, reproduction, human disease

Funding: NIH Blueprint for Neuroscience Research

Availability: Public: For academic and non-profit researchers worldwide

Resource Name: Deltagen and Lexicon Knockout Mice and Phenotypic Data Resource

Resource ID: SCR_007312

Alternate IDs: nif-0000-00177

Record Creation Time: 20220129T080241+0000

Record Last Update: 20260801T042632+0000

Ratings and Alerts

No rating or validation information has been found for Deltagen and Lexicon Knockout Mice and Phenotypic Data Resource.

No alerts have been found for Deltagen and Lexicon Knockout Mice and Phenotypic Data Resource.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.