Resource Summary Report

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Knockout Mouse Project

RRID:SCR_005571
Type: Tool

Proper Citation

Knockout Mouse Project (RRID:SCR_005571)

Resource Information

URL: https://www.jax.org/research-and-faculty/resources/knockout-mouse-project/high-throughput-production

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Description: Project is providing critical tools for understanding gene function and genetic causes of human diseases. Project KOMP is focused on generating targeted knockout mutations in mouse ES cells. Second phase, KOMP2, relies upon successful generation of strains of knockout mice from these ES cells. Information from JAX about their contributions to KOMP project.

Abbreviations: KOMP, NIH KOMP

Synonyms: NIH Knockout Mouse Project, Knock-Out Mouse Project

Resource Type: data or information resource, portal, project portal

Keywords: Generating, knockout, mutation, mouse, ES cell, embryonic, stem, c57bl/6

Funding: NIH ;
NIH Blueprint for Neuroscience Research

Availability: Free, Freely available

Resource Name: Knockout Mouse Project

Resource ID: SCR_005571

Alternate IDs: nlx_145296, SCR_017527

Alternate URLs: https://grants.nih.gov/grants/guide/rfa-files/rfa-rr-06-005.html

Old URLs: http://www.nih.gov/science/models/mouse/knockout/index.html

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Ratings and Alerts

No rating or validation information has been found for Knockout Mouse Project.

No alerts have been found for Knockout Mouse Project.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Docquier A, et al. (2019) eIF3f depletion impedes mouse embryonic development, reduces adult skeletal muscle mass and amplifies muscle loss during disuse. The Journal of physiology, 597(12), 3107.

Harrow JL, et al. (2014) The Vertebrate Genome Annotation browser 10 years on. Nucleic acids research, 42(Database issue), D771.

Dow LE, et al. (2012) Life in the fast lane: mammalian disease models in the genomics era. Cell, 148(6), 1099.

Reilly MT, et al. (2012) Using genetically engineered animal models in the postgenomic era to understand gene function in alcoholism. Alcohol research : current reviews, 34(3), 282.

McMurray F, et al. (2012) From mice to humans. Current diabetes reports, 12(6), 651.

Morgan H, et al. (2010) EuroPhenome: a repository for high-throughput mouse phenotyping data. Nucleic acids research, 38(Database issue), D577.

Gertsenstein M, et al. (2010) Efficient generation of germ line transmitting chimeras from C57BL/6N ES cells by aggregation with outbred host embryos. PloS one, 5(6), e11260.

Wilkinson P, et al. (2010) EMMA--mouse mutant resources for the international scientific

community. Nucleic acids research, 38(Database issue), D570.

Moga MA, et al. (2008) Genetic approaches for changing the heart and dissecting complex syndromes. Journal of molecular and cellular cardiology, 45(2), 148.

Wilming LG, et al. (2008) The vertebrate genome annotation (Vega) database. Nucleic acids research, 36(Database issue), D753.