

Resource Summary Report

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CMMR - Canadian Mouse Mutant Repository

RRID:SCR_006144

Type: Tool

Proper Citation

CMMR - Canadian Mouse Mutant Repository (RRID:SCR_006144)

Resource Information

URL: <http://www.cmmr.ca/>

Proper Citation: CMMR - Canadian Mouse Mutant Repository (RRID:SCR_006144)

Description: Central repository for the physical archive and distribution of cryopreserved ES cells, spermatozoa, ova, embryos, and non-germ cell tissue DNA generated by Canada's mouse genome effort. The CMMR acts in coordination with other repositories worldwide and is establishing a nation-wide network of repository nodes to house sub-sets of the resources generated across Canada. The CMMR is the repository and distribution center for the North American Conditional Mouse Mutagenesis project (NorCOMM). The CMMR also collects and stores somatic tissue from mouse models in a variety of formats (fixed, embedded, and glass-slide mounted) enabling world wide access to specimens from established mouse models. Services include: * Embryo cryopreservation and recovery * Ovary cryopreservation and recovery * Ovary transplant * Sperm cryopreservation and recovery * Strain services, including rederivation by IVF, speed expansion and strain rescue * NorCOMM ES cell withdrawal * Non-NorCOMM ES cell expansion

Abbreviations: CMMR

Synonyms: Canadian Mouse Mutant Repository

Resource Type: biomaterial supply resource, cell repository, material resource

Keywords: RIN, Resource Information Network, live mouse, embryo, germ cell, tissue, embryonic stem cell, mutant, mouse model, spermatozoa, cell, ova, dna, sperm, phenotyping, genetic mapping, pathology, genetic engineering, clone, RRID Community Authority

Funding: Genome Canada ;
Charles River Canada

Availability: Public

Resource Name: CMMR - Canadian Mouse Mutant Repository

Resource ID: SCR_006144

Alternate IDs: nlx_151634

License: Resource specific license

License URLs: <http://www.cmmr.ca/CMMRTermsOfService.pdf>

Record Creation Time: 20220129T080234+0000

Record Last Update: 20260912T200056+0000

Ratings and Alerts

No rating or validation information has been found for CMMR - Canadian Mouse Mutant Repository.

No alerts have been found for CMMR - Canadian Mouse Mutant Repository.

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 [SPARC SAWG](#) .

Peterson KA, et al. (2023) Whole genome analysis for 163 gRNAs in Cas9-edited mice reveals minimal off-target activity. Communications biology, 6(1), 626.

Maynard RD, et al. (2019) Mouse Models and Online Resources for Functional Analysis of Osteoporosis Genome-Wide Association Studies. Frontiers in endocrinology, 10, 277.

Gao X, et al. (2019) SB203580, a p38MAPK inhibitor, attenuates olfactory dysfunction by inhibiting OSN apoptosis in AR mice (activation and involvement of the p38 mitogen-activated protein kinase in olfactory sensory neuronal apoptosis of OVA-induced allergic rhinitis). Brain and behavior, 9(6), e01295.

Pyne DG, et al. (2014) Digital microfluidic processing of mammalian embryos for vitrification. PloS one, 9(9), e108128.

Kraus P, et al. (2014) Pleiotropic functions for transcription factor zscan10. PloS one, 9(8), e104568.

Bradley A, et al. (2012) The mammalian gene function resource: the International Knockout Mouse Consortium. Mammalian genome : official journal of the International Mammalian Genome Society, 23(9-10), 580.

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

van der Weyden L, et al. (2011) The mouse genetics toolkit: revealing function and mechanism. *Genome biology*, 12(6), 224.

Smedley D, et al. (2011) Cre recombinase resources for conditional mouse mutagenesis. *Methods (San Diego, Calif.)*, 53(4), 411.

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.