

# Resource Summary Report

Generated by [ASWG](#) on Aug 23, 2026

## Center for Animal Resources and Development

RRID:SCR\_016400

Type: Tool

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### Proper Citation

Center for Animal Resources and Development (RRID:SCR\_016400)

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### Resource Information

**URL:** <http://card.medic.kumamoto-u.ac.jp/card/english/>

**Proper Citation:** Center for Animal Resources and Development (RRID:SCR\_016400)

**Description:** Center for Animal Resources and Development is an international repository and distribution center for production, cryopreservation, and supply of genetically engineered mice. Provides a summary of institutions, organizations, and individuals contributing mouse resource information to the IMSR database.

**Abbreviations:** CARD

**Synonyms:** CARD:Center for Animal Resources and Development

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

**Keywords:** RIN, Resource Information Network, international, mouse, strain, resource, development, database, repository, distribution, production, cryopreservation, RRID Community Authority

**Resource Name:** Center for Animal Resources and Development

**Resource ID:** SCR\_016400

**Old URLs:** <http://cardb.cc.kumamoto-u.ac.jp/transgenic/>

**Record Creation Time:** 20220129T080330+0000

**Record Last Update:** 20260821T194048+0000

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### Ratings and Alerts

No rating or validation information has been found for Center for Animal Resources and Development.

No alerts have been found for Center for Animal Resources and Development.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 13 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [ASWG](#) .

Haga S, et al. (2025) Testis expressed 50 is essential for maintaining sperm acrosome integrity during epididymal transit. Proceedings of the National Academy of Sciences of the United States of America, 122(36), e2507930122.

Fujihara Y, et al. (2024) Tex46 knockout male mice are sterile secondary to sperm head malformations and failure to penetrate through the zona pellucida. PNAS nexus, 3(3), pgae108.

Noda T, et al. (2022) Sperm membrane proteins DCST1 and DCST2 are required for sperm-egg interaction in mice and fish. Communications biology, 5(1), 332.

Chin HJ, et al. (2022) Asian Mouse Mutagenesis Resource Association (AMMRA): mouse genetics and laboratory animal resources in the Asia Pacific. Mammalian genome : official journal of the International Mammalian Genome Society, 33(1), 192.

Abbasi F, et al. (2020) CRISPR/Cas9-Mediated Genome Editing Reveals Oosp Family Genes are Dispensable for Female Fertility in Mice. Cells, 9(4).

Noda T, et al. (2020) Sperm proteins SOF1, TMEM95, and SPACA6 are required for sperm-oocyte fusion in mice. Proceedings of the National Academy of Sciences of the United States of America, 117(21), 11493.

Oji A, et al. (2020) Tesmin, Metallothionein-Like 5, is Required for Spermatogenesis in Mice†. Biology of reproduction, 102(4), 975.

Takeo T, et al. (2020) Cryopreservation of mouse resources. Laboratory animal research, 36, 33.

Oura S, et al. (2020) Cfp97d1 is important for flagellar axoneme maintenance and male mouse fertility. PLoS genetics, 16(8), e1008954.

Larasati T, et al. (2020) Tmprss12 is required for sperm motility and uterotubal junction migration in mice†. Biology of reproduction, 103(2), 254.

Matsumura T, et al. (2019) An azoospermic factor gene, Ddx3y and its paralog, Ddx3x are dispensable in germ cells for male fertility. The Journal of reproduction and development, 65(2), 121.

Noda T, et al. (2019) Nine genes abundantly expressed in the epididymis are not essential for male fecundity in mice. *Andrology*, 7(5), 644.

Nakagata N, et al. (2019) Basic mouse reproductive techniques developed and modified at the Center for Animal Resources and Development (CARD), Kumamoto University. *Experimental animals*, 68(4), 391.