

Resource Summary Report

Generated by SPARC SAWG on Aug 5, 2026

C57BL/6-Tg(VASA-Cre-ERTM)

RRID:IMSR_CARD:2101

Type: Organism

Proper Citation

RRID:IMSR_CARD:2101

Organism Information

URL: <https://cardmice.com/rbase/strain?strainid=2101>

Proper Citation: RRID:IMSR_CARD:2101

Description: Mus musculus with name C57BL/6-Tg(VASA-Cre-ERTM) from IMSR.

Species: Mus musculus

Notes: gene symbol note: CreERTM; mutant stock: CreERTM

Affected Gene: CreERTM

Catalog Number: CARD:2101

Database: Center for Animal Resources and Development

Database Abbreviation: CARD

Availability: embryo

Organism Name: C57BL/6-Tg(VASA-Cre-ERTM)

Record Creation Time: 20250513T061400+0000

Record Last Update: 20260801T054820+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(VASA-Cre-ERTM).

No alerts have been found for C57BL/6-Tg(VASA-Cre-ERTM).

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Center for Animal Resources and Development

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Cao X, et al. (2026) Cadherin 11 regulates presynaptic vesicle trafficking and neuronal activity in autism-related brain circuit. *Molecular psychiatry*, 31(1), 192.

Li P, et al. (2025) BRCA1 preserves genome integrity during the formation of undifferentiated spermatogonia. *EMBO reports*, 26(15), 3747.

Liu W, et al. (2025) An essential role of the E3 ubiquitin ligase RNF126 in ensuring meiosis I completion during spermatogenesis. *Journal of advanced research*, 73, 231.

Harima R, et al. (2025) KIF2C is essential for meiosis and manchette dynamics in male mice. *Frontiers in cell and developmental biology*, 13, 1523593.

Li S, et al. (2024) The stability of FKBP9 maintained by BiP is crucial for glioma progression. *Genes & diseases*, 11(6), 101123.

Tang Z, et al. (2024) MRE11 is essential for the long-term viability of undifferentiated spermatogonia. *Cell proliferation*, 57(9), e13685.

Sun L, et al. (2024) Splicing factor SRSF1 is essential for homing of precursor spermatogonial stem cells in mice. *eLife*, 12.

Zhu L, et al. (2024) Loss of ZC4H2, an Arthrogryposis Multiplex Congenita Associated Gene, Promotes Osteoclastogenesis in Mice. *Genes*, 15(9).

Gille AS, et al. (2023) Impact of the hypoxic microenvironment on spermatogonial stem cells in culture. *Frontiers in cell and developmental biology*, 11, 1293068.

Weinberg-Shukron A, et al. (2022) Balanced gene dosage control rather than parental origin underpins genomic imprinting. *Nature communications*, 13(1), 4391.

Haake SM, et al. (2022) Ligand-independent integrin $\alpha 1$ signaling supports lung adenocarcinoma development. *JCI insight*, 7(15).

Liu W, et al. (2022) SRSF10 is essential for progenitor spermatogonia expansion by regulating alternative splicing. *eLife*, 11.

Kasatkina LA, et al. (2022) Optogenetic manipulation and photoacoustic imaging using a near-infrared transgenic mouse model. *Nature communications*, 13(1), 2813.

Hoermann A, et al. (2022) Gene drive mosquitoes can aid malaria elimination by retarding *Plasmodium* sporogonic development. *Science advances*, 8(38), eabo1733.

Zhou S, et al. (2022) UHRF1 interacts with snRNAs and regulates alternative splicing in mouse spermatogonial stem cells. *Stem cell reports*, 17(8), 1859.

Blomberg Jensen M, et al. (2021) RANKL regulates male reproductive function. *Nature communications*, 12(1), 2450.

He Y, et al. (2021) Single-cell RNA-Seq reveals a highly coordinated transcriptional program in mouse germ cells during primordial follicle formation. *Aging cell*, 20(7), e13424.

Ma P, et al. (2020) ZC4H2 stabilizes RNF220 to pattern ventral spinal cord through modulating Shh/Gli signaling. *Journal of molecular cell biology*, 12(5), 337.

McNicoll F, et al. (2020) Meiotic sex chromosome cohesion and autosomal synapsis are supported by Esco2. *Life science alliance*, 3(3).

Kuroki S, et al. (2020) H3K9 Demethylases JMJD1A and JMJD1B Control Prospermatogonia to Spermatogonia Transition in Mouse Germline. *Stem cell reports*, 15(2), 424.