

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

STOCK Tg(Stra8-icre)1Reb/J

RRID:IMSR_JAX:008208

Type: Organism

Proper Citation

RRID:IMSR_JAX:008208

Organism Information

URL: <https://www.jax.org/strain/008208>

Proper Citation: RRID:IMSR_JAX:008208

Description: Mus musculus with name STOCK Tg(Stra8-icre)1Reb/J from IMSR.

Species: Mus musculus

Synonyms: STOCK Tg(Stra8-cre)1Reb/J

Notes: gene symbol note: |transgene insertion 1; Robert E Braun|stimulated by retinoic acid gene 8; mutant stock: |Tg(Stra8-icre)1Reb|Stra8

Affected Gene: |transgene insertion 1; Robert E Braun|stimulated by retinoic acid gene 8

Genomic Alteration: transgene insertion 1; Robert E Braun

Catalog Number: JAX:008208

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Tg(Stra8-icre)1Reb/J

Record Creation Time: 20250513T053707+0000

Record Last Update: 20260808T050912+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Stra8-icre)1Reb/J.

No alerts have been found for STOCK Tg(Stra8-icre)1Reb/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Xie H, et al. (2026) Dual recombinases-mediated genetic tracing reveals no postnatal neo-oogenesis in mice. *iScience*, 29(5), 115830.

Chen JJ, et al. (2026) Basal body docking failure triggers centriole clustering and elimination in mammalian spermatogenesis. *EMBO reports*.

Trigg NA, et al. (2024) Epididymal acquired sperm microRNAs modify post-fertilization embryonic gene expression. *Cell reports*, 43(9), 114698.

Kaye EG, et al. (2024) RNA polymerase II pausing is essential during spermatogenesis for appropriate gene expression and completion of meiosis. *Nature communications*, 15(1), 848.

Menon DU, et al. (2024) ARID1A governs the silencing of sex-linked transcription during male meiosis in the mouse. *eLife*, 12.

Chen J, et al. (2024) CENP-E haploinsufficiency causes chromosome misalignment and spindle assembly checkpoint activation in the spermatogonia. *Andrology*.

Blanco M, et al. (2023) DOT1L regulates chromatin reorganization and gene expression during sperm differentiation. *EMBO reports*, 24(6), e56316.

Tian H, et al. (2021) EWSR1 affects PRDM9-dependent histone 3 methylation and provides a link between recombination hotspots and the chromosome axis protein REC8. *Molecular biology of the cell*, 32(1), 1.

Spruce C, et al. (2020) HELLS and PRDM9 form a pioneer complex to open chromatin at meiotic recombination hot spots. *Genes & development*, 34(5-6), 398.

Kim CR, et al. (2020) PHF7 Modulates BRDT Stability and Histone-to-Protamine Exchange during Spermiogenesis. *Cell reports*, 32(4), 107950.

Zhang S, et al. (2020) Murine germ cell-specific disruption of *lft172* causes defects in spermiogenesis and male fertility. *Reproduction (Cambridge, England)*, 159(4), 409.

Zagore LL, et al. (2019) Efficient GFP-labeling and analysis of spermatogenic cells using the IRG transgene and flow cytometry. *Genesis (New York, N.Y. : 2000)*, 57(4), e23283.

Tian H, et al. (2018) CXXC1 is not essential for normal DNA double-strand break formation and meiotic recombination in mouse. PLoS genetics, 14(10), e1007657.

Peer NR, et al. (2018) Germ Cell-Specific Retinoic Acid Receptor ?? Functions in Germ Cell Organization, Meiotic Integrity, and Spermatogonia. Endocrinology, 159(9), 3403.

Zagore LL, et al. (2018) DAZL Regulates Germ Cell Survival through a Network of PolyA-Proximal mRNA Interactions. Cell reports, 25(5), 1225.

Huang Z, et al. (2013) NOTCH1 gain of function in germ cells causes failure of spermatogenesis in male mice. PloS one, 8(7), e71213.