

# Resource Summary Report

Generated by ASWG on Aug 30, 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: stimulated by retinoic acid gene 8|transgene insertion 1; Robert E Braun|; mutant stock: Stra8|Tg(Stra8-icre)1Reb|

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

**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:** 20260829T045000+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.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 16 mentions in open access literature.

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

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.

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

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

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.

Zhang S, et al. (2020) Murine germ cell-specific disruption of *Irf172* causes defects in spermiogenesis and male fertility. *Reproduction (Cambridge, England)*, 159(4), 409.

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

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.