Resource Summary Report

Generated by kravitz2 on Jul 31, 2026

STOCK Tg(Gdf9-icre)5092Coo/J

RRID:IMSR_JAX:011062
Type: Organism

Proper Citation

RRID:IMSR_JAX:011062

Organism Information

URL: https://www.jax.org/strain/011062

Proper Citation: RRID:IMSR_JAX:011062

Description: Mus musculus with name STOCK Tg(Gdf9-icre)5092Coo/J from IMSR.

Species: Mus musculus

Synonyms: B6;129-Tg(Gdf9-cre)5092Coo/J. C57BL/6-Tg(Gdf9-cre)5092Coo/J. STOCK Tg(Gdf9-cre)5092Coo/J

Notes: gene symbol note: |transgene insertion 5092; Austin J Cooney|growth differentiation factor 9; mutant stock: |Tg(Gdf9-icre)5092Coo|Gdf9

Affected Gene: |transgene insertion 5092; Austin J Cooney|growth differentiation factor 9

Genomic Alteration: transgene insertion 5092; Austin J Cooney

Catalog Number: JAX:011062

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Tg(Gdf9-icre)5092Coo/J

Record Creation Time: 20250513T053719+0000

Record Last Update: 20260725T044428+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Gdf9-icre)5092Coo/J.

No alerts have been found for STOCK Tg(Gdf9-icre)5092Coo/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Mishina T, et al. (2025) Kif11-haploinsufficient oocytes reveal spatially differential requirements for chromosome biorientation. EMBO reports, 26(18), 4419.

Luo H, et al. (2025) Tubacin alleviate the reproductive toxicity of deoxynivalenol in mouse oocytes and zygotes via strengthening microtubule stability. Cell communication and signaling : CCS, 23(1), 417.

Blengini CS, et al. (2025) AURKA controls oocyte spindle assembly checkpoint and chromosome alignment by HEC1 phosphorylation. Life science alliance, 8(7).

So W, et al. (2025) Primordial Follicle Survival and Changes in Ovarian Vasculature May Be Independently Regulated During Chemotherapy. Endocrinology, 166(5).

Zhao H, et al. (2024) Deletion of Fbxw7 in oocytes causes follicle loss and premature ovarian insufficiency in mice. Journal of cellular and molecular medicine, 28(12), e18487.

Blengini CS, et al. (2024) Spatio-temporal requirements of Aurora kinase A in mouse oocyte meiotic spindle building. iScience, 27(8), 110451.

Long S, et al. (2024) Maintaining mitochondrial DNA copy number mitigates ROS-induced oocyte decline and female reproductive aging. Communications biology, 7(1), 1229.

Ren P, et al. (2024) CRL4DCAF13 E3 ubiquitin ligase targets MeCP2 for degradation to prevent DNA hypermethylation and ensure normal transcription in growing oocytes. Cellular and molecular life sciences : CMLS, 81(1), 165.

Blengini CS, et al. (2024) Genetic interaction mapping of Aurora protein kinases in mouse oocytes. Frontiers in cell and developmental biology, 12, 1455280.

Luan Y, et al. (2024) KIT in oocytes: a key factor for oocyte survival and reproductive lifespan. EBioMedicine, 106, 105263.

Demini L, et al. (2023) Inactivation of Exosc10 in the oocyte impairs oocyte development and maturation, leading to a depletion of the ovarian reserve in mice. International journal

of biological sciences, 19(4), 1080.

Tscherner AK, et al. (2023) Oocyte-Specific Deletion of Slc6a9 Encoding the GLYT1 Glycine Transporter Eliminates Glycine Transport in Mouse Preimplantation Embryos and Their Ability to Counter Hypertonic Stress. Cells, 12(20).

Das A, et al. (2023) Centromere-specifying nucleosomes persist in aging mouse oocytes in the absence of nascent assembly. bioRxiv : the preprint server for biology.

Das A, et al. (2023) Centromere-specifying nucleosomes persist in aging mouse oocytes in the absence of nascent assembly. Current biology : CB, 33(17), 3759.

Ruohonen ST, et al. (2022) Selective loss of kisspeptin signaling in oocytes causes progressive premature ovulatory failure. Human reproduction (Oxford, England), 37(4), 806.

Matoba S, et al. (2022) Noncanonical imprinting sustains embryonic development and restrains placental overgrowth. Genes & development, 36(7-8), 483.

Inoue A, et al. (2018) Maternal Eed knockout causes loss of H3K27me3 imprinting and random X inactivation in the extraembryonic cells. Genes & development, 32(23-24), 1525.

Nguyen AL, et al. (2018) Genetic Interactions between the Aurora Kinases Reveal New Requirements for AURKB and AURKC during Oocyte Meiosis. Current biology : CB, 28(21), 3458.