

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 15, 2025

B6.Cg-Tg(Cr2-cre)3Cgn/J

RRID:IMSR_JAX:006368

Type: Organism

Proper Citation

RRID:IMSR_JAX:006368

Organism Information

URL: <https://www.jax.org/strain/006368>

Proper Citation: RRID:IMSR_JAX:006368

Description: Mus musculus with name B6.Cg-Tg(Cr2-cre)3Cgn/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: [transgene insertion 3; University of Cologne|complement receptor 2; mutant stock|congenic strain: [Tg(Cr2-cre)3Cgn|Cr2

Affected Gene: [transgene insertion 3; University of Cologne|complement receptor 2

Genomic Alteration: transgene insertion 3; University of Cologne

Catalog Number: JAX:006368

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Tg(Cr2-cre)3Cgn/J

Record Creation Time: 20250513T053656+0000

Record Last Update: 20250513T053826+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Cr2-cre)3Cgn/J.

No alerts have been found for B6.Cg-Tg(Cr2-cre)3Cgn/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Subramani PG, et al. (2024) Conserved role of hnRNPL in alternative splicing of epigenetic modifiers enables B cell activation. EMBO reports, 25(6), 2662.

Xu T, et al. (2024) Notch2 signaling governs activated B cells to form memory B cells. Cell reports, 43(7), 114454.

Wigton EJ, et al. (2021) MicroRNA-directed pathway discovery elucidates an miR-221/222-mediated regulatory circuit in class switch recombination. The Journal of experimental medicine, 218(11).

Razzaghi R, et al. (2021) Compromised counterselection by FAS creates an aggressive subtype of germinal center lymphoma. The Journal of experimental medicine, 218(3).

Trindade BC, et al. (2021) The cholesterol metabolite 25-hydroxycholesterol restrains the transcriptional regulator SREBP2 and limits intestinal IgA plasma cell differentiation. Immunity, 54(10), 2273.

Qi T, et al. (2020) Ascorbic Acid Promotes Plasma Cell Differentiation through Enhancing TET2/3-Mediated DNA Demethylation. Cell reports, 33(9), 108452.

Rodda LB, et al. (2018) Single-Cell RNA Sequencing of Lymph Node Stromal Cells Reveals Niche-Associated Heterogeneity. Immunity, 48(5), 1014.

Jarjour M, et al. (2014) Fate mapping reveals origin and dynamics of lymph node follicular dendritic cells. The Journal of experimental medicine, 211(6), 1109.

Mionnet C, et al. (2013) Identification of a new stromal cell type involved in the regulation of inflamed B cell follicles. PLoS biology, 11(10), e1001672.