

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

Tg(Ncr1-cre/EGFP)#Cajv

RRID:MGI:5699740

Type: Organism

Proper Citation

RRID:MGI:5699740

Organism Information

URL:

Proper Citation: RRID:MGI:5699740

Description: Allele Detail: Transgenic This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Transgenic This is a legacy resource.

Genomic Alteration: Tg(Ncr1-cre/EGFP)#Cajv

Catalog Number: 5699740

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: Tg(Ncr1-cre/EGFP)#Cajv

Record Creation Time: 20240120T185930+0000

Record Last Update: 20240130T201618+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Ncr1-cre/EGFP)#Cajv.

No alerts have been found for Tg(Ncr1-cre/EGFP)#Cajv.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Rebmann L, et al. (2026) SLy1-deficiency results in functional impaired, exhausted and senescent NK cells. *Frontiers in immunology*, 17, 1836862.

Mödl B, et al. (2026) TYK2 Promotes Immunosurveillance of Colorectal Cancer Liver Metastasis. *Cancer research*, 86(1), 80.

Myers JA, et al. (2026) E-cadherin expression promotes tumor growth via KLRG1-dependent pathways. *Journal of immunology (Baltimore, Md. : 1950)*, 215(4).

Rishiq A, et al. (2026) RadD from *Fusobacterium nucleatum* engages NKp46 to promote antitumor cytotoxicity. *eLife*, 14.

Zhang Z, et al. (2025) The long non-coding RNA UGDH-AS1 encodes an NK-cell-inhibiting micropeptide in triple-negative breast cancers. *Nature communications*, 16(1), 11434.

Brabec T, et al. (2024) Segmented filamentous bacteria-induced epithelial MHCII regulates cognate CD4+ IELs and epithelial turnover. *The Journal of experimental medicine*, 221(1).

Huang Z, et al. (2021) IFNAR1 signaling in NK cells promotes persistent virus infection. *Science advances*, 7(13).

Sheppard S, et al. (2021) Lactate dehydrogenase A-dependent aerobic glycolysis promotes natural killer cell anti-viral and anti-tumor function. *Cell reports*, 35(9), 109210.

Borst K, et al. (2020) Selective reconstitution of IFN γ gene function in Ncr1+ NK cells is sufficient to control systemic vaccinia virus infection. *PLoS pathogens*, 16(2), e1008279.

He Y, et al. (2020) Myeloid deletion of phosphoinositide-dependent kinase-1 enhances NK cell-mediated antitumor immunity by mediating macrophage polarization. *Oncoimmunology*, 9(1), 1774281.

Louis C, et al. (2020) NK cell-derived GM-CSF potentiates inflammatory arthritis and is negatively regulated by CIS. *The Journal of experimental medicine*, 217(5).

Jelenik V, et al. (2018) NK cell receptor NKG2D sets activation threshold for the NCR1 receptor early in NK cell development. *Nature immunology*, 19(10), 1083.

Witalisz-Siepracka A, et al. (2018) Loss of JAK1 Drives Innate Immune Deficiency. *Frontiers in immunology*, 9, 3108.

Xia P, et al. (2017) WASH maintains NKp46+ ILC3 cells by promoting AHR expression. *Nature communications*, 8, 15685.

Yang M, et al. (2016) NK cell development requires Tsc1-dependent negative regulation of IL-15-triggered mTORC1 activation. *Nature communications*, 7, 12730.

Richter K, et al. (2013) Macrophage and T cell produced IL-10 promotes viral chronicity. *PLoS pathogens*, 9(11), e1003735.