

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

B6;129-Ncr1^{tm1Oman}/J

RRID:IMSR_JAX:022739

Type: Organism

Proper Citation

RRID:IMSR_JAX:022739

Organism Information

URL: <https://www.jax.org/strain/022739>

Proper Citation: RRID:IMSR_JAX:022739

Description: Mus musculus with name B6;129-Ncr1^{tm1Oman}/J from IMSR.

Species: Mus musculus

Synonyms: B6.129-Ncr1/J

Notes: gene symbol note: |natural cytotoxicity triggering receptor 1; mutant stock: |Ncr1

Affected Gene: |natural cytotoxicity triggering receptor 1

Genomic Alteration: targeted mutation 1; Ofer Mandelboim

Catalog Number: JAX:022739

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129-Ncr1^{tm1Oman}/J

Record Creation Time: 20250513T053746+0000

Record Last Update: 20260808T050951+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Ncr1^{tm1Oman}/J.

No alerts have been found for B6;129-Ncr1^{tm1Oman}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Grassmann S, et al. (2026) Stepwise epigenetic signal integration drives adaptive programming of cytotoxic lymphocytes. *Immunity*, 59(2), 339.

Liu M, et al. (2025) NKp46 recognizes the hyphal form of *Candida albicans* and mediates protective antifungal immunity. *iScience*, 28(10), 113556.

Kissiov DU, et al. (2022) Binary outcomes of enhancer activity underlie stable random monoallelic expression. *eLife*, 11.

Dodard G, et al. (2020) Inflammation-Induced Lactate Leads to Rapid Loss of Hepatic Tissue-Resident NK Cells. *Cell reports*, 32(1), 107855.

Sheppard S, et al. (2018) The Murine Natural Cytotoxic Receptor NKp46/NCR1 Controls TRAIL Protein Expression in NK Cells and ILC1s. *Cell reports*, 22(13), 3385.