

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

NU/J

RRID:IMSR_JAX:002019

Type: Organism

Proper Citation

RRID:IMSR_JAX:002019

Organism Information

URL: <https://www.jax.org/strain/002019>

Proper Citation: RRID:IMSR_JAX:002019

Description: Mus musculus with name NU/J from IMSR.

Species: Mus musculus

Synonyms: athymic nude

Notes: gene symbol note: forkhead box N1; mutant strain|inbred strain: Foxn1

Affected Gene: forkhead box N1

Genomic Alteration: nude

Catalog Number: JAX:002019

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: NU/J

Record Creation Time: 20250513T053628+0000

Record Last Update: 20260815T050537+0000

Ratings and Alerts

No rating or validation information has been found for NU/J.

No alerts have been found for NU/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 13698 mentions in open access literature.

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

Wang L, et al. (2026) The circadian gene Dec2 promotes pancreatic cancer progression and dormancy through immune evasion. *Developmental cell*, 61(6), 1208.

Singh G, et al. (2026) miR-181d coordinates homologous recombination and anti-tumor immune responses in glioblastoma. *iScience*, 29(3), 115077.

Venkataramani P, et al. (2026) Small-molecule inhibitors of the protein kinase DYRK as potential therapeutic candidates in cancer. *Cell chemical biology*, 33(6), 810.

Lei G, et al. (2026) Cuproptosis-immunity crosstalk informs strategy to overcome immunotherapy resistance. *Cell*.

Lujano-Olazaba O, et al. (2026) RelB drives integrin-mediated stress tolerance and relapse in high-grade serous ovarian cancer. *Cell reports*, 45(7), 117650.

Ji F, et al. (2026) Compartmentalized branched-chain amino acid metabolism orchestrates colorectal cancer dissemination via an UMP-vimentin axis. *Cell metabolism*, 38(4), 794.

Rampa DR, et al. (2026) Payload Diversification Overcomes Resistance and Guides Sequential Antibody-Drug Conjugate Therapy in Breast Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(8), 1454.

Safari M, et al. (2026) Combined HDAC and eIF4A inhibition: A novel epigenetic therapy for pancreatic ductal adenocarcinoma. *Drug resistance updates : reviews and commentaries in antimicrobial and anticancer chemotherapy*, 84, 101312.

Bloomfield M, et al. (2026) Cell and Nuclear Size Is Associated with Chromosomal Instability and Tumorigenicity in Cancer Cells That Undergo Whole Genome Doubling. *Cancer research*, 86(9), 2126.

Trekitkarnmongkol W, et al. (2026) RASH3D19 mediates RAS activation through a positive feedback loop in KRAS-mutant cancer. *Nature cell biology*, 28(1), 197.

Singh D, et al. (2026) Antibody-Mediated Targeting of Secretory Protein SCUBE3 Suppresses Cancer Progression by Inhibiting Oncogenic Signaling and Inducing Antitumor Immunity. *Cancer research*, 86(5), 1252.

Hecht F, et al. (2026) Catabolism of extracellular glutathione supplies cysteine to support tumours. *Nature*, 653(8115), 933.

Halbers LP, et al. (2026) Expanded applications of bioluminescence microscopy with phasor analysis. *Cell reports methods*, 6(4), 101344.

Novaresi N, et al. (2026) Monoclonal antibodies targeting PCDH7 inhibit tumor growth and enhance immune responses in KRAS-mutant non-small cell lung cancer. *Science advances*, 12(23), eaeb0794.

Weber M, et al. (2026) Mouse model of Merkel cell carcinoma derived from the hair follicle. *The Journal of investigative dermatology*.

Gupta R, et al. (2026) Fluorescence-Guided Surgery of Rhabdomyosarcoma Using a B7-H3 Targeted Antibody-Fluorophore Conjugate. *Molecular pharmaceutics*, 23(7), 3789.

Yang J, et al. (2026) DNA-Loaded Nanoparticles Reprogram the Tumor Immune Microenvironment to Treat Brain Tumors. *Small science*, 6(1), e202500475.

Darden CM, et al. (2026) Mechanisms inducing differentiation of adult islet progenitor-like cells into functional islet-like organoids. *Frontiers in transplantation*, 5, 1740314.

Qin C, et al. (2026) Metabolic profiling reveals pyrimidine synthesis enzyme CAD as a central carbon metabolism signaling node in cancer cell proliferation. *Molecular cell*, 86(8), 1529.

Ibrahim M, et al. (2026) NF1 Loss Remodels Tumor Niches for Immune Evasion. *bioRxiv* : the preprint server for biology.