

Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 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: 20260725T044336+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 13633 mentions in open access literature.

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

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

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.

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

Ghaemi B, et al. (2026) Precision radiolabeled B-cell maturation nanobody for targeted PET imaging and radioligand therapy of disseminated multiple myeloma. *Theranostics*, 16(6), 2748.

Peach CJ, et al. (2026) Nanoparticle-mediated antagonism of sustained endosomal signaling of the calcitonin receptor-like receptor provides enhanced and persistent relief of oral cancer pain. *Biomaterials*, 327, 123757.

Likasitwatanakul P, et al. (2025) Chemical Perturbations Impacting Histone Acetylation Govern Colorectal Cancer Differentiation. *Gastroenterology*.

Waters JA, et al. (2025) Preadipocyte-induced upregulation of IGFBP5 enhances ovarian cancer tumorigenesis via CREB signaling. *iScience*, 28(8), 113034.

Zhu S, et al. (2025) Isoform-specific function of NSD3 in DNA replication stress confers resistance to PARP inhibitors in prostate cancer. *Molecular cell*, 85(14), 2673.

Mozzarelli AM, et al. (2025) RIT1 Drives Oncogenic Transformation and Is an Actionable Target in Lung Adenocarcinoma. *Cancer research*, 85(17), 3196.

Nethi SK, et al. (2025) Niclosamide nanoparticles enhance pancreatic cancer sensitivity to gemcitabine via HIF-1?? inhibition. *iScience*, 28(12), 114088.

Planchak S, et al. (2025) Innovative Method for Fully Automated, Enzyme-Free Tissue Dissociation and Preparation for Single-Cell Analysis. *Cellular and molecular bioengineering*, 18(3-4), 251.

Yu L, et al. (2025) Tumor-derived arachidonic acid reprograms neutrophils to promote immune suppression and therapy resistance in triple-negative breast cancer. *Immunity*,

58(4), 909.

Lei G, et al. (2025) Radiotherapy promotes cuproptosis and synergizes with cuproptosis inducers to overcome tumor radioresistance. *Cancer cell*, 43(6), 1076.

Hu W, et al. (2025) High fructose promotes MYCN-amplified neuroblastoma progression through NgBR-ACSS2-mediated biosynthesis of acetyl-CoA. *Cell reports*, 44(7), 115947.

Wang X, et al. (2025) PIN1 Prolyl Isomerase Promotes Initiation and Progression of Bladder Cancer through the SREBP2-Mediated Cholesterol Biosynthesis Pathway. *Cancer discovery*, 15(3), 633.

Chau TL, et al. (2025) Purinergic ecto-enzyme CD73 is a context-dependent tumor suppressor in colorectal cancer. *The Journal of biological chemistry*, 301(12), 110864.

Jacob J, et al. (2025) Antibody-Drug Conjugates Targeting the EGFR Ligand Epiregulin Elicit Robust Antitumor Activity in Colorectal Cancer. *Cancer research*, 85(5), 973.

Alam R, et al. (2025) Bone-Induced HER2 Promotes Secondary Metastasis in HR+/HER2-Breast Cancer. *Cancer discovery*, 15(4), 818.

Zhang Q, et al. (2025) The kinase PLK1 promotes Hedgehog signaling-dependent resistance to the antiandrogen enzalutamide in metastatic prostate cancer. *Science signaling*, 18(878), eadi5174.

Ding X, et al. (2025) *Bacteroides fragilis* promotes chemoresistance in colorectal cancer, and its elimination by phage VA7 restores chemosensitivity. *Cell host & microbe*, 33(6), 941.