

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

CByJ.Cg-Foxn1^{nu}/J

RRID:IMSR_JAX:000711

Type: Organism

Proper Citation

RRID:IMSR_JAX:000711

Organism Information

URL: <https://www.jax.org/strain/000711>

Proper Citation: RRID:IMSR_JAX:000711

Description: Mus musculus with name CByJ.Cg-Foxn1^{nu}/J from IMSR.

Species: Mus musculus

Synonyms: Foxn1. CBy.Cg-Foxn1/J

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

Affected Gene: forkhead box N1

Genomic Alteration: nude

Catalog Number: JAX:000711

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: CByJ.Cg-Foxn1^{nu}/J

Record Creation Time: 20250513T053621+0000

Record Last Update: 20260919T054809+0000

Ratings and Alerts

No rating or validation information has been found for CByJ.Cg-Foxn1^{nu}/J.

No alerts have been found for CByJ.Cg-Foxn1^{nu}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Xia Y, et al. (2025) Therapeutic Potential of STE20-Type Kinase STK25 Inhibition for the Prevention and Treatment of Metabolically Induced Hepatocellular Carcinoma. Cellular and molecular gastroenterology and hepatology, 19(7), 101485.

Zhou L, et al. (2025) Mina53 catalyzes arginine demethylation of p53 to promote tumor growth. Cell reports, 44(2), 115242.

Spínola-Lasso E, et al. (2023) Chemical-proteomics Identify Peroxiredoxin-1 as an Actionable Target in Triple-negative Breast Cancer. International journal of biological sciences, 19(6), 1731.

Shen S, et al. (2022) CD4+ CTLs Act as a Key Effector Population for Allograft Rejection of MSCs in a Donor MHC-II Dependent Manner in Injured Liver. Aging and disease, 13(6), 1919.

Zhang F, et al. (2020) L ARP7 Is a BRCA1 Ubiquitinase Substrate and Regulates Genome Stability and Tumorigenesis. Cell reports, 32(4), 107974.

Fan JR, et al. (2018) Potential role of CBX7 in regulating pluripotency of adult human pluripotent-like olfactory stem cells in stroke model. Cell death & disease, 9(5), 502.

Zhao Y, et al. (2018) Wnt signaling induces radioresistance through upregulating HMGB1 in esophageal squamous cell carcinoma. Cell death & disease, 9(4), 433.

Chen J, et al. (2017) VEGF amplifies transcription through ETS1 acetylation to enable angiogenesis. Nature communications, 8(1), 383.

Li Y, et al. (2017) α 1-antitrypsin promotes lung adenocarcinoma metastasis through upregulating fibronectin expression. International journal of oncology, 50(6), 1955.

Tao L, et al. (2016) Cancer-associated fibroblasts treated with cisplatin facilitates chemoresistance of lung adenocarcinoma through IL-11/IL-11R/STAT3 signaling pathway. Scientific reports, 6, 38408.

Huang G, et al. (2016) Hypoxia induced CCL28 promotes angiogenesis in lung adenocarcinoma by targeting CCR3 on endothelial cells. Scientific reports, 6, 27152.

Marchetto MCN, et al. (2013) Differential L1 regulation in pluripotent stem cells of humans and apes. Nature, 503(7477), 525.

Mitne-Neto M, et al. (2011) Downregulation of VAPB expression in motor neurons derived from induced pluripotent stem cells of ALS8 patients. *Human molecular genetics*, 20(18), 3642.

Gil M, et al. (2011) Photodynamic therapy augments the efficacy of oncolytic vaccinia virus against primary and metastatic tumours in mice. *British journal of cancer*, 105(10), 1512.

Marchetto MC, et al. (2009) Transcriptional signature and memory retention of human-induced pluripotent stem cells. *PloS one*, 4(9), e7076.