

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

BALB/cNj-Foxn1^{nu}/Gpt

RRID:IMSR_GPT:D000521

Type: Organism

Proper Citation

RRID:IMSR_GPT:D000521

Organism Information

URL: https://en.gempharmatech.com/product/details100035_3907479.html

Proper Citation: RRID:IMSR_GPT:D000521

Description: Mus musculus with name BALB/cNj-Foxn1^{nu}/Gpt from IMSR.

Species: Mus musculus

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

Affected Gene: forkhead box N1

Catalog Number: GPT:D000521

Database: GemPharmatech

Database Abbreviation: GPT

Availability: embryo

Organism Name: BALB/cNj-Foxn1^{nu}/Gpt

Record Creation Time: 20250513T053918+0000

Record Last Update: 20260815T050820+0000

Ratings and Alerts

No rating or validation information has been found for BALB/cNj-Foxn1^{nu}/Gpt.

No alerts have been found for BALB/cNj-Foxn1^{nu}/Gpt.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: GemPharmatech

Usage and Citation Metrics

We found 37 mentions in open access literature.

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

Zhou Y, et al. (2026) Regulation of neuronal invasion of small cell lung cancer by STMN2/?-alanine-controlled metabolic reprogramming. *Cell reports*, 45(4), 117208.

Liao F, et al. (2026) *Streptococcus anginosus*-generated succinate promotes the progression of gastric cancer via the succinate/SUCNR1/ABRAXAS1 axis. *Cell reports*, 45(3), 117047.

Jiang J, et al. (2026) CGF induces ROS-mediated metabolic reprogramming and mitochondrial dysfunction to suppress colorectal cancer progression. *iScience*, 29(4), 115273.

Ning W, et al. (2026) A bispecific nanobody-drug conjugate targeting TROP2 and c-Met for low-concentration, single-dose treatment of pancreatic cancer. *Cell reports. Medicine*, 7(4), 102688.

Ji M, et al. (2026) CCT5 maintains mitotic fidelity and promotes early colorectal tumorigenesis. *iScience*, 29(4), 115223.

Zhang Y, et al. (2026) Paneth-like transition drives resistance to dual targeting of KRAS and EGFR in colorectal cancer. *Cancer cell*, 44(1), 77.

Guo X, et al. (2026) The WEE1 inhibitor azenosertib broadly enhances efficacy of antibody-drug conjugates with topoisomerase I and microtubule inhibitor payloads. *iScience*, 29(7), 116390.

Tang X, et al. (2026) Mathematical modeling of ribosome competition informs testable treatment strategies for drug-tolerant cancer persister cells. *iScience*, 29(4), 115493.

Xu G, et al. (2026) Delactylation of the tumor suppressor ARHGDIB drives metastasis and chemoresistance in bladder cancer. *Cell reports*, 45(2), 116941.

Gao C, et al. (2025) Hypoxia-induced phase separation of ZHX2 alters chromatin looping to drive cancer metastasis. *Molecular cell*, 85(8), 1525.

He X, et al. (2025) PI3K? functions as a protein kinase to promote cellular protein O-GlcNAcylation and acetyl-CoA production for tumor growth. *Molecular cell*, 85(7), 1411.

Zhou H, et al. (2025) SEL1L confers reduced EMT and drug resistance to breast cancer cells by promoting Shh degradation. *iScience*, 28(11), 113876.

Han P, et al. (2025) Quercetin-derived microbial metabolite DOPAC potentiates CD8+ T cell anti-tumor immunity via NRF2-mediated mitophagy. *Cell metabolism*, 37(12), 2438.

Kong D, et al. (2025) Pp1-87B/PPP1CC-JNK axis integrates apoptosis and ferroptosis-like cell death to regulate cell competition and tumorigenesis. *Cell reports*, 44(9), 116240.

Du M, et al. (2025) CircYAP1 inhibits osteosarcoma progression through the miR-135b-5p/FRK axis. *iScience*, 28(7), 112858.

Xia T, et al. (2025) DDX5 super-enhancer promotes vasculogenic mimicry formation and metastasis in nasopharyngeal carcinoma by enhancing ADAM10 transcription. *Cell reports. Medicine*, 6(6), 102146.

Song Z, et al. (2025) Mechano-oncogenic cytoskeletal remodeling drives leukemic transformation with mitochondrial vesicle-mediated STING activation. *Cell stem cell*, 32(4), 581.

Hu Q, et al. (2025) circATF6 triggers calcium overload to synergize with EGFR-TKI in non-small cell lung cancer via modulation of proteostasis. *Cell reports*, 44(12), 116659.

Liu S, et al. (2025) The TIM22 carrier translocase supports cell proliferation by facilitating mitochondrial iron uptake for Fe-S biogenesis. *Molecular cell*, 85(24), 4587.

Cai G, et al. (2025) UMP functions as an endogenous regulator of NR4A1 to control gastric cancer progression. *Molecular cell*, 85(23), 4347.