

Resource Summary Report

Generated by [NIF](#) on Aug 19, 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.

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

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

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.