Resource Summary Report

Generated by PRECISE-TBI on Sep 18, 2026

KSN/SgnRbrc

RRID:IMSR_RBRC01676
Type: Organism

Proper Citation

RRID:IMSR_RBRC01676

Organism Information

URL: https://brc.riken.jp/mus/RBRC01676

Proper Citation: RRID:IMSR_RBRC01676

Description: Mus musculus with name KSN/SgnRbrc from IMSR.

Species: Mus musculus

Synonyms: KSN/JmsSgnRbrc

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

Affected Gene: forkhead box N1

Genomic Alteration: nude

Catalog Number: RBRC01676

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: KSN/SgnRbrc

Record Creation Time: 20250513T061438+0000

Record Last Update: 20260912T064256+0000

Ratings and Alerts

No rating or validation information has been found for KSN/SgnRbrc.

No alerts have been found for KSN/SgnRbrc.

Data and Source Information

Source: Integrated Animals

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 23 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Hosokawa Y, et al. (2026) Chloride Intracellular Channel 2 Can Function as a Malignant Factor in Head and Neck Squamous Cell Carcinoma. Head & neck, 48(5), 1259.

Nakano T, et al. (2025) CD44v, S1PR1, HER3, MET and cancer-associated amino acid transporters are promising targets for the pancreatic cancers characterized using mAb. FEBS open bio, 15(5), 867.

Yasukawa K, et al. (2025) ACVR2A attenuation impacts lactate production and hyperglycolytic conditions attracting regulatory T??cells in hepatocellular carcinoma. Cell reports. Medicine, 6(4), 102038.

Seong H, et al. (2024) Prevention of liver metastasis via the pharmacological suppression of AMIGO2 expression in tumor cells. Scientific reports, 14(1), 28183.

Yamasaki A, et al. (2023) Dual-targeting therapy against HER3/MET in human colorectal cancers. Cancer medicine, 12(8), 9684.

Yagi K, et al. (2023) Loss of SFXN1 mitigates lipotoxicity and predicts poor outcome in non-viral hepatocellular carcinoma. Scientific reports, 13(1), 9449.

Hayashi N, et al. (2021) Oncogenic transformation of NIH/3T3 cells by the overexpression of L-type amino acid transporter 1, a promising anti-cancer target. Oncotarget, 12(13), 1256.

Tamada Y, et al. (2021) A Possible Inhibitory Role of Sialic Acid on MUC1 in Peritoneal Dissemination of Clear Cell-Type Ovarian Cancer Cells. Molecules (Basel, Switzerland), 26(19).

Kanatsu-Shinohara M, et al. (2020) CD2 is a surface marker for mouse and rat spermatogonial stem cells. The Journal of reproduction and development, 66(4), 341.

Iida K, et al. (2020) Luteolin suppresses bladder cancer growth via regulation of mechanistic target of rapamycin pathway. Cancer science, 111(4), 1165.

Okita K, et al. (2020) Novel functional anti-HER3 monoclonal antibodies with potent anti-cancer effects on various human epithelial cancers. Oncotarget, 11(1), 31.

Hara Y, et al. (2018) Inhibition of tumor formation and metastasis by a monoclonal antibody against lymphatic vessel endothelial hyaluronan receptor 1. Cancer science,

109(10), 3171.

Shimada S, et al. (2018) Identification of selective inhibitors for diffuse-type gastric cancer cells by screening of annotated compounds in preclinical models. British journal of cancer, 118(7), 972.

Heryanto YD, et al. (2017) Applying near-infrared photoimmunotherapy to B-cell lymphoma: comparative evaluation with radioimmunotherapy in tumor xenografts. Annals of nuclear medicine, 31(9), 669.

Zhang L, et al. (2016) Apelin as a marker for monitoring the tumor vessel normalization window during antiangiogenic therapy. Cancer science, 107(1), 36.

Izaguirre-Carbonell J, et al. (2015) Novel anticancer agent, SQAP, binds to focal adhesion kinase and modulates its activity. Scientific reports, 5, 15136.

Kaida A, et al. (2015) Unusual prolongation of radiation-induced G2 arrest in tumor xenografts derived from HeLa cells. Cancer science, 106(10), 1370.

Takashima S, et al. (2015) Functional differences between GDNF-dependent and FGF2-dependent mouse spermatogonial stem cell self-renewal. Stem cell reports, 4(3), 489.

Tanaka T, et al. (2015) Pluripotent cell derivation from male germline cells by suppression of Dmrt1 and Trp53. The Journal of reproduction and development, 61(5), 473.

Watari K, et al. (2014) Tumor-derived interleukin-1 promotes lymphangiogenesis and lymph node metastasis through M2-type macrophages. PloS one, 9(6), e99568.