

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 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: 20260801T054905+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 [dkNET](#) .

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.

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.

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.

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.