

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

B10.MOL-MSM

RRID:IMSR_NIG:194

Type: Organism

Proper Citation

RRID:IMSR_NIG:194

Organism Information

URL: <http://www.shigen.nig.ac.jp/mouse/nig/resource/detail/194>

Proper Citation: RRID:IMSR_NIG:194

Description: Mus musculus with name B10.MOL-MSM from IMSR.

Species: Mus musculus

Synonyms: B10.MSM/Ms

Notes: gene symbol note: wm5; major histocompatibility congenic:

Affected Gene: wm5

Catalog Number: NIG:194

Database: National Institute of Genetics

Database Abbreviation: NIG

Availability: embryo

Organism Name: B10.MOL-MSM

Record Creation Time: 20250513T061856+0000

Record Last Update: 20260905T052902+0000

Ratings and Alerts

No rating or validation information has been found for B10.MOL-MSM.

No alerts have been found for B10.MOL-MSM.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: National Institute of Genetics

Usage and Citation Metrics

We found 133 mentions in open access literature.

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

Wang J, et al. (2026) Cyclic di-GMP suppresses cancer metastasis by targeting proteasome 26S subunit non-ATPase 3 independently of STING. Signal transduction and targeted therapy, 11(1), 44.

Liu X, et al. (2026) Ultrasound-targeted microbubble destruction enhances RSL3-induced ferroptosis in anaplastic thyroid carcinoma. iScience, 29(3), 114993.

Ma YS, et al. (2026) Triptolide enhances anti-cancer activities of irinotecan in human colon cancer HT-29 cells in vitro and HT-29 cell xenograft tumor model in nude mice. Integrative cancer therapies, 25, 15347354261448871.

Huang M, et al. (2026) KRT81 promotes metastasis of colorectal cancer by acting as a protein scaffold for ezrin. Oncogene, 45(3), 459.

Lin YC, et al. (2026) SQSTM1/p62-mediated PD-L1 biomolecular condensate formation promotes lung tumorigenesis. Journal of advanced research.

Zhang MS, et al. (2026) BCAT1-dependent HIF-1 α stabilization is a targetable metabolic vulnerability in hepatocellular carcinoma. Cell reports. Medicine, 7(5), 102784.

Gao J, et al. (2026) AURKA-mediated destabilization of SAPS3 drives ferroptosis evasion via 7-dehydrocholesterol biosynthesis in colorectal cancer. Cell death & disease, 17(1).

Li W, et al. (2026) Hyaluronic acid and folic acid-modified mesoporous silica nanoparticles delivering sulforaphane suppress NSCLC via SPI1/miR-616-5p axis. iScience, 29(7), 116293.

Lin Z, et al. (2026) Glypican-3-Targeted PET Imaging for Precise Diagnosis of Hepatocellular Carcinoma: From Bench to Bedside. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(3), 550.

Wang Y, et al. (2026) NAT10 drives hepatocellular carcinoma progression through SQLE-mediated cholesterol biosynthesis and is targetable by remodelin. iScience, 29(1), 114488.

Tan GYT, et al. (2026) BMAL2 is a druggable target for ovarian clear cell carcinoma (OCCC). EMBO molecular medicine, 18(5), 1933.

Jeon YH, et al. (2026) Clinical and Molecular Characterization of a Rare EGFR cis Compound L833V/H835L Mutation in Non-Small Cell Lung Cancer. *Cancer research communications*, 6(4), 913.

Lu Y, et al. (2026) GAL3ST1-Mediated Histone Tyrosine Sulfation Induced by Cancer-Associated Fibroblasts Promotes Gastric Cancer Metastasis. *Cancer research*, 86(10), 2429.

Wang J, et al. (2026) Tumor-Resident *Streptococcus pneumoniae* Promotes Malignant Progression and Pazopanib Resistance in Clear Cell Renal Cell Carcinoma. *Cancer research*, 86(9), 2237.

Wang P, et al. (2025) Glecirasib, a Potent and Selective Covalent KRAS G12C Inhibitor Exhibiting Synergism with Cetuximab or SHP2 Inhibitor JAB-3312. *Cancer research communications*, 5(5), 792.

Wang X, et al. (2025) Spatial and Single-Cell Analyses Reveal Heterogeneity of DNAM-1 Receptor-Ligand Interactions That Instructs Intratumoral ??T-cell Activity. *Cancer research*, 85(2), 277.

Liu WH, et al. (2025) Overcoming NK-mediated rejection by anti-3rd-party central memory veto CD8 T cells through downregulation of DNAM-1 on alloreactive NK cells. *Cell reports*, 44(5), 115674.

Maurya SK, et al. (2025) Mucin 5AC Promotes Breast Cancer Brain Metastasis through cMET/CD44v6. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(5), 921.

Zhou K, et al. (2025) M1-like macrophages regulate T cell infiltration in colorectal cancer through P2X4 receptor. *iScience*, 28(10), 113517.

Wang H, et al. (2025) STBD1 mediates the crosstalk between glycogen and lipid droplets in clear cell renal cell carcinoma. *Cell reports*, 44(10), 116429.