

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 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: 20260725T052604+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 121 mentions in open access literature.

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

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

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

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.

Guo H, et al. (2025) The development and evaluation of a tublysine-based antibody-drug conjugate with enhanced tumor therapeutic efficacy. *Frontiers in pharmacology*, 16, 1532104.

Thomas BJ, et al. (2025) DUSP11 is an Intracellular Innate Immune Checkpoint in Lung Adenocarcinoma. *Cancer immunology research*, 13(11), 1798.

Zhu X, et al. (2025) Circular RNA circATM binds PARP1 to suppress Wnt/?-catenin signaling and induce cell cycle arrest in gastric cancer cells. *Journal of advanced research*.

Jiang Y, et al. (2025) VIPAS39 confers ferroptosis resistance in epithelial ovarian cancer through exporting ACSL4. *EBioMedicine*, 114, 105646.

Chang S, et al. (2025) Succinate supplementation alleviates liver cancer by inhibiting the FN1/SQLE axis-mediated cholesterol biosynthesis. *iScience*, 28(2), 111731.

Nukaga S, et al. (2025) Mutation of CMTR2 in Lung Adenocarcinoma Alters RNA Alternative Splicing and Reveals Therapeutic Vulnerabilities. *Nature communications*, 16(1), 9754.

Zhou Y, et al. (2025) Post-translational switch of DHCR24 acetylation sustains sterol synthesis and promotes HCC via the 7-ketocholesterol/p62 axis. *Cell reports*, 44(12), 116640.

Lin Q, et al. (2024) Protocol to synthesize sequence-controlled glycooligomers for tumor targeting in mice. *STAR protocols*, 5(2), 103029.

Yue W, et al. (2024) PARP inhibitors suppress tumours via centrosome error-induced senescence independent of DNA damage response. *EBioMedicine*, 103, 105129.

Chen YF, et al. (2024) Identification of arnicolide C as a novel chemosensitizer to suppress mTOR/E2F1/FANCD2 axis in non-small cell lung cancer. *British journal of pharmacology*, 181(8), 1221.

Shen D, et al. (2023) RNA demethylase ALKBH5 promotes colorectal cancer progression by posttranscriptional activation of RAB5A in an m6A-YTHDF2-dependent manner. *Clinical and translational medicine*, 13(5), e1279.

Bodin S, et al. (2023) Design, Synthesis, and Biological Evaluation of the First Radio-Metalated Neurotensin Analogue Targeting Neurotensin Receptor 2. *ACS omega*, 8(7), 6994.