

Resource Summary Report

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Mouse Tumor Biology Database

RRID:SCR_006517

Type: Tool

Proper Citation

Mouse Tumor Biology Database (RRID:SCR_006517)

Resource Information

URL: <https://www.jax.org/jax-mice-and-services/in-vivo-pharmacology/mouse-tumor-biology-database>

Proper Citation: Mouse Tumor Biology Database (RRID:SCR_006517)

Description: Database supports use of mouse model system for human cancer by providing comprehensive resource for data and information on various tumor models.

Abbreviations: MTB

Synonyms: MGI: MTB Database, Mouse Tumor Biology (MTB) Database, MTB Database, MTB: Mouse Tumor Biology Database

Resource Type: data or information resource, database

Defining Citation: [PMID:18432250](#), [PMID:21282667](#)

Keywords: endogenous, knock out mouse, hybrid, inbred mouse strain, induced, mouse, mutant, pathology, tumor, gene, organ, strain, genetics, pathology, image, gene expression

Related Condition: Cancer, Tumor, Hereditary cancer

Funding: NCI CA089713

Availability: The community can contribute to this resource, Acknowledgement requested, For research and educational purposes, Non-commercial, Without the prior express written permission

Resource Name: Mouse Tumor Biology Database

Resource ID: SCR_006517

Alternate IDs: nif-0000-03163, SCR_017516

Alternate URLs: <http://tumor.informatics.jax.org/mtbwi/index.do>

Record Creation Time: 20220129T080236+0000

Record Last Update: 20260821T193758+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Tumor Biology Database.

No alerts have been found for Mouse Tumor Biology Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Kung CP, et al. (2022) It's Getting Complicated-A Fresh Look at p53-MDM2-ARF Triangle in Tumorigenesis and Cancer Therapy. *Frontiers in cell and developmental biology*, 10, 818744.

Zhang D, et al. (2021) Suppression of m6A mRNA modification by DNA hypermethylated ALKBH5 aggravates the oncological behavior of KRAS mutation/LKB1 loss lung cancer. *Cell death & disease*, 12(6), 518.

Xiong B, et al. (2021) Reduced miR-16 levels are associated with VEGF upregulation in high-risk myelodysplastic syndromes. *Journal of Cancer*, 12(7), 1967.

Liu X, et al. (2019) Epithelial-type systemic breast carcinoma cells with a restricted mesenchymal transition are a major source of metastasis. *Science advances*, 5(6), eaav4275.

Mori H, et al. (2018) Aging Mouse Models Reveal Complex Tumor-Microenvironment Interactions in Cancer Progression. *Frontiers in cell and developmental biology*, 6, 35.

He S, et al. (2018) PDXliver: a database of liver cancer patient derived xenograft mouse models. *BMC cancer*, 18(1), 550.

Reiling E, et al. (2014) The progeroid phenotype of Ku80 deficiency is dominant over DNA-PKCS deficiency. *PloS one*, 9(4), e93568.

Hu B, et al. (2012) Multifocal epithelial tumors and field cancerization from loss of mesenchymal CSL signaling. *Cell*, 149(6), 1207.

Malik A, et al. (2007) Databases and QSAR for cancer research. *Cancer informatics*, 2, 99.