

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

FVB/N-Tg(MMTVneu)202Mul/J

RRID:IMSR_JAX:002376

Type: Organism

Proper Citation

RRID:IMSR_JAX:002376

Organism Information

URL: <https://www.jax.org/strain/002376>

Proper Citation: RRID:IMSR_JAX:002376

Description: Mus musculus with name FVB/N-Tg(MMTVneu)202Mul/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: erb-b2 receptor tyrosine kinase 2|transgene insertion 202; William Muller|Mouse Mammary Tumor Virus; mutant strain: ErbB2|Tg(MMTVneu)202Mul|MMTV

Affected Gene: erb-b2 receptor tyrosine kinase 2|transgene insertion 202; William Muller|Mouse Mammary Tumor Virus

Genomic Alteration: transgene insertion 202; William Muller

Catalog Number: JAX:002376

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: FVB/N-Tg(MMTVneu)202Mul/J

Record Creation Time: 20250513T053631+0000

Record Last Update: 20260912T060416+0000

Ratings and Alerts

No rating or validation information has been found for FVB/N-Tg(MMTVneu)202Mul/J.

No alerts have been found for FVB/N-Tg(MMTVneu)202Mul/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 102 mentions in open access literature.

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

Caire R, et al. (2026) A 3D morphogenetic blueprint for metastatic outgrowth in breast cancer. *Cell*, 189(12), 3701.

Moyer CL, et al. (2026) Targeting the RXR Pathway for the Prevention of Triple-Negative Breast Cancer. *Cancer prevention research (Philadelphia, Pa.)*, 19(3), 161.

Li YT, et al. (2025) Inner Ear Multiple Primary Cell Type Detection System. *Scientific data*, 12(1), 432.

Hu SW, et al. (2025) Co-targeting CDK4/6 enhances anti-cancer activity and alleviates immune-related adverse events of anti-PD-1 antibody for breast cancer. *Cell reports. Medicine*, 6(11), 102429.

Li Z, et al. (2025) Sumoylated Etv1 establishes mouse mammary cancer stem cells that support tumorigenesis by non-stem cancer cells. *Developmental cell*, 60(17), 2264.

Lujan DA, et al. (2024) Cold-Inducible RNA Binding Protein Impedes Breast Tumor Growth in the PyMT Murine Model for Breast Cancer. *Biomedicines*, 12(2).

Kan JY, et al. (2024) Metabolic shifts in lipid utilization and reciprocal interactions within the lung metastatic niche of triple-negative breast cancer revealed by spatial multi-omics. *Cell death & disease*, 15(12), 899.

Liang Y, et al. (2024) Protection of neutrophils by bone marrow mesenchymal stromal cells is enhanced by tumor-associated inflammatory cytokines. *Frontiers in immunology*, 15, 1361596.

Wescott EC, et al. (2024) Epithelial Expressed B7-H4 Drives Differential Immunotherapy Response in Murine and Human Breast Cancer. *Cancer research communications*, 4(4), 1120.

Trekitkarnmongkol W, et al. (2024) Epigenetic activation of SOX11 is associated with recurrence and progression of ductal carcinoma in situ to invasive breast cancer. *British journal of cancer*, 131(1), 171.

Adebayo AK, et al. (2024) Oxygen tension-dependent variability in the cancer cell kinome impacts signaling pathways and response to targeted therapies. *iScience*, 27(6), 110068.

Moyer CL, et al. (2024) IRX4204 Induces Senescence and Cell Death in HER2-positive Breast Cancer and Synergizes with Anti-HER2 Therapy. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(11), 2558.

Cheng H, et al. (2023) The development of an anti-cancer peptide M1-21 targeting transcription factor FOXM1. *Cell & bioscience*, 13(1), 114.

Palakurthi B, et al. (2023) Targeting CXCL16 and STAT1 augments immune checkpoint blockade therapy in triple-negative breast cancer. *Nature communications*, 14(1), 2109.

Wei M, et al. (2023) Glutathione-Exhausting Nanoprobes for NIR-II Fluorescence Imaging-Guided Surgery and Boosting Radiation Therapy Efficacy via Ferroptosis in Breast Cancer. *ACS nano*, 17(12), 11345.

Keuthan CJ, et al. (2023) Regional Gene Expression in the Retina, Optic Nerve Head, and Optic Nerve of Mice with Optic Nerve Crush and Experimental Glaucoma. *International journal of molecular sciences*, 24(18).

Liatsou I, et al. (2023) Bone Marrow Relative Biological Effectiveness for a ²¹²Pb-labeled Anti-HER2/neu Antibody. *International journal of radiation oncology, biology, physics*, 115(2), 518.

Liatsou I, et al. (2023) Early Normal Tissue Effects and Bone Marrow Relative Biological Effectiveness for an Actinium 225-Labeled HER2/neu-Targeting Antibody. *International journal of radiation oncology, biology, physics*, 117(4), 1028.

Li CY, et al. (2022) Tumor-Associated Lymphatics Upregulate MHC-II to Suppress Tumor-Infiltrating Lymphocytes. *International journal of molecular sciences*, 23(21).

Chen CH, et al. (2022) Engineered Immature Testicular Tissue by Electrospun Mats for Prepubertal Fertility Preservation in a Bioluminescence Imaging Transgenic Mouse Model. *International journal of molecular sciences*, 23(20).