

Resource Summary Report

Generated by [Kravitz](#) on Sep 19, 2026

FVB/NJGpt-Tg(MMTV-PyMT)/Gpt

RRID:IMSR_GPT:T004993

Type: Organism

Proper Citation

RRID:IMSR_GPT:T004993

Organism Information

URL: https://en.gempharmatech.com/product/details100035_3691754.html

Proper Citation: RRID:IMSR_GPT:T004993

Description: Mus musculus with name FVB/NJGpt-Tg(MMTV-PyMT)/Gpt from IMSR.

Species: Mus musculus

Synonyms: FVB-Tg(MMTV-PyVT)1Gpt/Gpt. FVB/NJGpt-Tg(MMTV-PyVT)1Gpt/Gpt

Notes: gene symbol note: family with sequence similarity 89; member B; noninbred stock:

Affected Gene: family with sequence similarity 89; member B

Catalog Number: GPT:T004993

Database: GemPharmatech

Database Abbreviation: GPT

Availability: embryo

Organism Name: FVB/NJGpt-Tg(MMTV-PyMT)/Gpt

Record Creation Time: 20250513T053935+0000

Record Last Update: 20260919T055120+0000

Ratings and Alerts

No rating or validation information has been found for FVB/NJGpt-Tg(MMTV-PyMT)/Gpt.

No alerts have been found for FVB/NJGpt-Tg(MMTV-PyMT)/Gpt.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: GemPharmatech

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Zhao C, et al. (2025) Modeling tumor relapse using proliferation tracing and ablation transgenic mouse. NPJ breast cancer, 11(1), 73.

Wang Y, et al. (2025) Inhibition of tumor cell macropinocytosis driver DHODH reverses immunosuppression and overcomes anti-PD1 resistance. Immunity.

Liu F, et al. (2025) PTEN neddylation aggravates CDK4/6 inhibitor resistance in breast cancer. Oncogene, 44(33), 2997.

Wang X, et al. (2024) GATA3 functions downstream of BRCA1 to promote DNA damage repair and suppress dedifferentiation in breast cancer. BMC biology, 22(1), 85.

Huang H, et al. (2024) ECM1 and ANXA1 in urinary extracellular vesicles serve as biomarkers for breast cancer. Frontiers in oncology, 14, 1408492.

Zhou P, et al. (2024) Mapping Spatiotemporal Heterogeneity in Multifocal Breast Tumor Progression by Noninvasive Ultrasound Elastography-Guided Mass Spectrometry Imaging Strategy. JACS Au, 4(2), 465.

Ma T, et al. (2023) Chronic pulmonary bacterial infection facilitates breast cancer lung metastasis by recruiting tumor-promoting MHCIIhi neutrophils. Signal transduction and targeted therapy, 8(1), 296.

Kumar A, et al. (2023) Dendritic cell therapy augments antitumor immunity triggered by CDK4/6 inhibition and immune checkpoint blockade by unleashing systemic CD4 T-cell responses. Journal for immunotherapy of cancer, 11(5).

Li K, et al. (2023) A circular RNA activated by TGF?? promotes tumor metastasis through enhancing IGF2BP3-mediated PDPN mRNA stability. Nature communications, 14(1), 6876.

Manna PR, et al. (2023) Expression and Function of StAR in Cancerous and Non-Cancerous Human and Mouse Breast Tissues: New Insights into Diagnosis and Treatment of Hormone-Sensitive Breast Cancer. International journal of molecular sciences, 24(1).

Guo Y, et al. (2022) Flavonoid Group of Smilax glabra Roxb. Regulates the Anti-Tumor Immune Response Through the STAT3/HIF-1 Signaling Pathway. Frontiers in pharmacology, 13, 918975.

Seki T, et al. (2022) Brown-fat-mediated tumour suppression by cold-altered global metabolism. *Nature*, 608(7922), 421.

Ren BX, et al. (2022) The antibiotic drug trimethoprim suppresses tumour growth and metastasis via targeting Snail. *British journal of pharmacology*, 179(11), 2659.

Bourn JR, et al. (2021) Tumor cell intrinsic RON signaling suppresses innate immune responses in breast cancer through inhibition of IRAK4 signaling. *Cancer letters*, 503, 75.

Li L, et al. (2021) Combination treatment with immunogenic and anti-PD-L1 polymer-drug conjugates of advanced tumors in a transgenic MMTV-PyMT mouse model of breast cancer. *Journal of controlled release : official journal of the Controlled Release Society*, 332, 652.