Resource Summary Report

Generated by kravitz2 on Sep 19, 2026

FVB.Cg-Tg(Wnt1)1Hev/J

RRID:IMSR_JAX:002934
Type: Organism

Proper Citation

RRID:IMSR_JAX:002934

Organism Information

URL: https://www.jax.org/strain/002934

Proper Citation: RRID:IMSR_JAX:002934

Description: Mus musculus with name FVB.Cg-Tg(Wnt1)1Hev/J from IMSR.

Species: Mus musculus

Synonyms: FVB/NJ-Tg(Wnt1)1Hev/J

Notes: gene symbol note: Mouse Mammary Tumor Virus|transgene insertion 1; Harold E Varmus|wingless-type MMTV integration site family; member 1; mutant strain|congenic strain: MMTV|Tg(Wnt1)1Hev|Wnt1

Affected Gene: Mouse Mammary Tumor Virus|transgene insertion 1; Harold E Varmus|wingless-type MMTV integration site family; member 1

Genomic Alteration: transgene insertion 1; Harold E Varmus

Catalog Number: JAX:002934

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: FVB.Cg-Tg(Wnt1)1Hev/J

Record Creation Time: 20250513T053636+0000

Record Last Update: 20260919T054825+0000

Ratings and Alerts

No rating or validation information has been found for FVB.Cg-Tg(Wnt1)1Hev/J.

No alerts have been found for FVB.Cg-Tg(Wnt1)1Hev/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Spina E, et al. (2022) Gpr125 is a unifying hallmark of multiple mammary progenitors coupled to tumor latency. Nature communications, 13(1), 1421.

Xu W, et al. (2022) Ethanol Exposure Up-Regulates PD-L1/PD-1 Immune Checkpoint Pathway and Promotes Mammary Tumor Development. Frontiers in oncology, 12, 874156.

Fu A, et al. (2022) Tumor-resident intracellular microbiota promotes metastatic colonization in breast cancer. Cell, 185(8), 1356.

Obr AE, et al. (2022) Breast tumor IGF1R regulates cell adhesion and metastasis: alignment of mouse single cell and human breast cancer transcriptomics. Frontiers in oncology, 12, 990398.

Meng J, et al. (2022) Tumor-derived Jagged1 promotes cancer progression through immune evasion. Cell reports, 38(10), 110492.

Wang S, et al. (2020) Caveolin-1 inhibits breast cancer stem cells via c-Myc-mediated metabolic reprogramming. Cell death & disease, 11(6), 450.

Obr AE, et al. (2018) Insulin-like growth factor receptor signaling in breast tumor epithelium protects cells from endoplasmic reticulum stress and regulates the tumor microenvironment. Breast cancer research : BCR, 20(1), 138.