

Resource Summary Report

Generated by ASWG on Jul 31, 2026

B6SJL-Tg(Wnt1)1Hev/J

RRID:IMSR_JAX:002870

Type: Organism

Proper Citation

RRID:IMSR_JAX:002870

Organism Information

URL: <https://www.jax.org/strain/002870>

Proper Citation: RRID:IMSR_JAX:002870

Description: Mus musculus with name B6SJL-Tg(Wnt1)1Hev/J from IMSR.

Species: Mus musculus

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

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

Genomic Alteration: transgene insertion 1; Harold E Varmus

Catalog Number: JAX:002870

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6SJL-Tg(Wnt1)1Hev/J

Record Creation Time: 20250513T053635+0000

Record Last Update: 20260725T044345+0000

Ratings and Alerts

No rating or validation information has been found for B6SJL-Tg(Wnt1)^{1Hev/J}.

No alerts have been found for B6SJL-Tg(Wnt1)^{1Hev/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Kim U, et al. (2024) Np63 regulates MDSC survival and metabolism in triple-negative breast cancer. *iScience*, 27(4), 109366.

Gomez ML, et al. (2019) SOD1 is essential for oncogene-driven mammary tumor formation but dispensable for normal development and proliferation. *Oncogene*, 38(29), 5751.

Adorno M, et al. (2018) Usp16 modulates Wnt signaling in primary tissues through Cdkn2a regulation. *Scientific reports*, 8(1), 17506.

Easter SL, et al. (2014) Wnt5a suppresses tumor formation and redirects tumor phenotype in MMTV-Wnt1 tumors. *PloS one*, 9(11), e113247.

Mikaelian I, et al. (2004) Proteotypic classification of spontaneous and transgenic mammary neoplasms. *Breast cancer research : BCR*, 6(6), R668.