

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

B6;129X1-Wnt7b^{tm2Amc}/J

RRID:IMSR_JAX:008467

Type: Organism

Proper Citation

RRID:IMSR_JAX:008467

Organism Information

URL: <https://www.jax.org/strain/008467>

Proper Citation: RRID:IMSR_JAX:008467

Description: Mus musculus with name B6;129X1-Wnt7b^{tm2Amc}/J from IMSR.

Species: Mus musculus

Synonyms: B6.129X1-Wnt7b/J. B6.129X1(Cg)-Wnt7b/J

Notes: gene symbol note: wingless-type MMTV integration site family; member 7B;
mutant stock: Wnt7b

Affected Gene: wingless-type MMTV integration site family; member 7B

Genomic Alteration: targeted mutation 2; Andrew P McMahon

Catalog Number: JAX:008467

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129X1-Wnt7b^{tm2Amc}/J

Record Creation Time: 20250513T053709+0000

Record Last Update: 20260905T044453+0000

Ratings and Alerts

No rating or validation information has been found for B6;129X1-Wnt7b^{tm2Amc}/J.

No alerts have been found for B6;129X1-Wnt7b^{tm2Amc}/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 [NIF](#) .

Lyu H, et al. (2022) Niche-mediated repair of airways is directed in an occupant-dependent manner. Cell reports, 41(12), 111863.

Chavali M, et al. (2020) Wnt-Dependent Oligodendroglial-Endothelial Interactions Regulate White Matter Vascularization and Attenuate Injury. Neuron, 108(6), 1130.

Griveau A, et al. (2018) A Glial Signature and Wnt7 Signaling Regulate Glioma-Vascular Interactions and Tumor Microenvironment. Cancer cell, 33(5), 874.

Cho C, et al. (2017) Reck and Gpr124 Are Essential Receptor Cofactors for Wnt7a/Wnt7b-Specific Signaling in Mammalian CNS Angiogenesis and Blood-Brain Barrier Regulation. Neuron, 95(5), 1056.

Volckaert T, et al. (2017) Fgf10-Hippo Epithelial-Mesenchymal Crosstalk Maintains and Recruits Lung Basal Stem Cells. Developmental cell, 43(1), 48.