

# Resource Summary Report

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

## B6;129X1-Wnt7b<sup>tm2Amc</sup>/J

RRID:IMSR\_JAX:008467

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:008467

### Organism Information

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

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**Description:** Mus musculus with name B6;129X1-Wnt7b<sup>tm2Amc</sup>/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<sup>tm2Amc</sup>/J

**Record Creation Time:** 20250513T053709+0000

**Record Last Update:** 20260919T054857+0000

### Ratings and Alerts

No rating or validation information has been found for B6;129X1-Wnt7b<sup>tm2Amc</sup>/J.

No alerts have been found for B6;129X1-Wnt7b<sup>tm2Amc</sup>/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

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.