

Resource Summary Report

Generated by [ASWG](#) on Aug 12, 2026

B6;129S1-Wnt7a^{tm1Amc}/J

RRID:IMSR_JAX:004715

Type: Organism

Proper Citation

RRID:IMSR_JAX:004715

Organism Information

URL: <https://www.jax.org/strain/004715>

Proper Citation: RRID:IMSR_JAX:004715

Description: Mus musculus with name B6;129S1-Wnt7a^{tm1Amc}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: wingless-type MMTV integration site family; member 7A;
mutant stock: Wnt7a

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

Genomic Alteration: targeted mutation 1; Andrew P McMahon

Catalog Number: JAX:004715

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6;129S1-Wnt7a^{tm1Amc}/J

Record Creation Time: 20250513T053646+0000

Record Last Update: 20260808T050848+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S1-Wnt7a^{tm1Amc}/J.

No alerts have been found for B6;129S1-Wnt7a^{tm1Amc}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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.