

Resource Summary Report

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

FVB.129(B6)-Smn1^{tm1Jme/J}

RRID:IMSR_JAX:006138

Type: Organism

Proper Citation

RRID:IMSR_JAX:006138

Organism Information

URL: <https://www.jax.org/strain/006138>

Proper Citation: RRID:IMSR_JAX:006138

Description: Mus musculus with name FVB.129(B6)-Smn1^{tm1Jme/J} from IMSR.

Species: Mus musculus

Synonyms: FVB.Cg-Smn1/J

Notes: gene symbol note: survival motor neuron 1; mutant strain|congenic strain: Smn1

Affected Gene: survival motor neuron 1

Genomic Alteration: targeted mutation 1; Judith Melki

Catalog Number: JAX:006138

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: FVB.129(B6)-Smn1^{tm1Jme/J}

Record Creation Time: 20250513T053655+0000

Record Last Update: 20260905T044438+0000

Ratings and Alerts

No rating or validation information has been found for FVB.129(B6)-Smn1^{tm1Jme/J}.

No alerts have been found for FVB.129(B6)-Smn1^{tm1Jme/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 [NIF](#) .

de Almeida MMA, et al. (2025) Impact of liver-specific survival motor neuron (SMN) depletion on central nervous system and peripheral tissue pathology. eLife, 13.

Hann SH, et al. (2024) Depletion of SMN protein in mesenchymal progenitors impairs the development of bone and neuromuscular junction in spinal muscular atrophy. eLife, 12.