

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

B6.129(Cg)-Smn1^{tm1.1Cdid}/J

RRID:IMSR_JAX:034285

Type: Organism

Proper Citation

RRID:IMSR_JAX:034285

Organism Information

URL: <https://www.jax.org/strain/034285>

Proper Citation: RRID:IMSR_JAX:034285

Description: Mus musculus with name B6.129(Cg)-Smn1^{tm1.1Cdid}/J from IMSR.

Species: Mus musculus

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

Affected Gene: survival motor neuron 1

Genomic Alteration: targeted mutation 1.1; Christine DiDonato

Catalog Number: JAX:034285

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129(Cg)-Smn1^{tm1.1Cdid}/J

Record Creation Time: 20250513T053842+0000

Record Last Update: 20260912T060615+0000

Ratings and Alerts

No rating or validation information has been found for B6.129(Cg)-Smn1^{tm1.1Cdid}/J.

No alerts have been found for B6.129(Cg)-Smn1^{tm1.1Cdid}/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](#) .

Liu H, et al. (2025) SMN depletion impairs skeletal muscle formation and maturation in a mouse model of SMA. Human molecular genetics, 34(1), 21.

Sutton ER, et al. (2024) Liver SMN restoration rescues the Smn2B/- mouse model of spinal muscular atrophy. EBioMedicine, 110, 105444.