

Resource Summary Report

Generated by [NIF](#) on Aug 24, 2026

129X1-Smo^{tm1Amc}/J

RRID:IMSR_JAX:004288

Type: Organism

Proper Citation

RRID:IMSR_JAX:004288

Organism Information

URL: <https://www.jax.org/strain/004288>

Proper Citation: RRID:IMSR_JAX:004288

Description: Mus musculus with name 129X1-Smo^{tm1Amc}/J from IMSR.

Species: Mus musculus

Synonyms: 129X1-Smoh

Notes: gene symbol note: smoothened; frizzled class receptor; mutant strain: Smo

Affected Gene: smoothened; frizzled class receptor

Genomic Alteration: targeted mutation 1; Andrew P McMahon

Catalog Number: JAX:004288

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: 129X1-Smo^{tm1Amc}/J

Record Creation Time: 20250513T053644+0000

Record Last Update: 20260815T050555+0000

Ratings and Alerts

No rating or validation information has been found for 129X1-Smo^{tm1Amc}/J.

No alerts have been found for 129X1-Smo^{tm1Amc}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Lau J, et al. (2010) Hedgehog signaling in pancreas epithelium regulates embryonic organ formation and adult beta-cell function. Diabetes, 59(5), 1211.