

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

129-Sirt4^{tm1Fwa}/J

RRID:IMSR_JAX:012756

Type: Organism

Proper Citation

RRID:IMSR_JAX:012756

Organism Information

URL: <https://www.jax.org/strain/012756>

Proper Citation: RRID:IMSR_JAX:012756

Description: Mus musculus with name 129-Sirt4^{tm1Fwa}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: sirtuin 4; mutant stock: Sirt4

Affected Gene: sirtuin 4

Genomic Alteration: targeted mutation 1; Frederick W Alt

Catalog Number: JAX:012756

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: 129-Sirt4^{tm1Fwa}/J

Record Creation Time: 20250513T053722+0000

Record Last Update: 20260829T045018+0000

Ratings and Alerts

No rating or validation information has been found for 129-Sirt4^{tm1Fwa}/J.

No alerts have been found for 129-Sirt4^{tm1Fwa}/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](#) .

Anderson KA, et al. (2017) SIRT4 Is a Lysine Deacylase that Controls Leucine Metabolism and Insulin Secretion. Cell metabolism, 25(4), 838.