

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

B6.129S4-Soat1^{tm1Far}/Pgn

RRID:IMSR_JAX:007147

Type: Organism

Proper Citation

RRID:IMSR_JAX:007147

Organism Information

URL: <https://www.jax.org/strain/007147>

Proper Citation: RRID:IMSR_JAX:007147

Description: Mus musculus with name B6.129S4-Soat1^{tm1Far}/Pgn from IMSR.

Species: Mus musculus

Notes: gene symbol note: sterol O-acyltransferase 1; mutant strain|congenic strain: Soat1

Affected Gene: sterol O-acyltransferase 1

Genomic Alteration: targeted mutation 1; Bob Farese

Catalog Number: JAX:007147

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S4-Soat1^{tm1Far}/Pgn

Record Creation Time: 20250513T053701+0000

Record Last Update: 20260905T044445+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Soat1^{tm1Far}/Pgn.

No alerts have been found for B6.129S4-Soat1^{tm1Far}/Pgn.

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](#) .

Butovich IA, et al. (2021) Depletion of Cholesteryl Esters Causes Meibomian Gland Dysfunction-Like Symptoms in a Soat1-Null Mouse Model. International journal of molecular sciences, 22(4).