

# Resource Summary Report

Generated by [Kravitz](#) on Sep 19, 2026

## B6.129S4-Soat1<sup>tm1Far</sup>/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<sup>tm1Far</sup>/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<sup>tm1Far</sup>/Pgn

**Record Creation Time:** 20250513T053701+0000

**Record Last Update:** 20260919T054850+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129S4-Soat1<sup>tm1Far</sup>/Pgn.

No alerts have been found for B6.129S4-Soat1<sup>tm1Far</sup>/Pgn.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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).