

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

C57BL/6-Tg(Apoe-Fgf21)1Sakl/J

RRID:IMSR_JAX:021964

Type: Organism

Proper Citation

RRID:IMSR_JAX:021964

Organism Information

URL: <https://www.jax.org/strain/021964>

Proper Citation: RRID:IMSR_JAX:021964

Description: Mus musculus with name C57BL/6-Tg(Apoe-Fgf21)1Sakl/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: apolipoprotein E|transgene insertion 1; Steven A Kliewer|fibroblast growth factor 21; coisogenic strain|mutant strain: Apoe|Tg(Apoe-Fgf21)1Sakl|Fgf21

Affected Gene: apolipoprotein E|transgene insertion 1; Steven A Kliewer|fibroblast growth factor 21

Genomic Alteration: transgene insertion 1; Steven A Kliewer

Catalog Number: JAX:021964

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Tg(Apoe-Fgf21)1Sakl/J

Record Creation Time: 20250513T053744+0000

Record Last Update: 20260815T050656+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(Apoe-Fgf21)¹Sakl/J.

No alerts have been found for C57BL/6-Tg(Apoe-Fgf21)¹Sakl/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](#) .

Díaz-Catalán D, et al. (2025) Sex-dependent effects of FGF21 on HPA axis regulation and adrenal regeneration after Cushing syndrome in mice. *Molecular metabolism*, 96, 102122.

Wang T, et al. (2024) The crosstalk between fibroblast growth factor 21 (FGF21) system and substance use. *iScience*, 27(7), 110389.