

Resource Summary Report

Generated by [Kravitz](#) on Sep 18, 2026

STOCK Tg(Ucp1-luc2.-tdTomato)1Kajim/J

RRID:IMSR_JAX:026690

Type: Organism

Proper Citation

RRID:IMSR_JAX:026690

Organism Information

URL: <https://www.jax.org/strain/026690>

Proper Citation: RRID:IMSR_JAX:026690

Description: Mus musculus with name STOCK Tg(Ucp1-luc2.-tdTomato)1Kajim/J from IMSR.

Species: Mus musculus

Synonyms: Thermomouse. FVB/N-Tg(Ucp1-luc2.-tdTomato)1Kajim/J

Notes: gene symbol note: |luciferase|transgene insertion 1; Shingo Kajimura|uncoupling protein 1 (mitochondrial; proton carrier); mutant stock: |luc|Tg(Ucp1-luc2;-tdTomato)1Kajim|Ucp1

Affected Gene: |luciferase|transgene insertion 1; Shingo Kajimura|uncoupling protein 1 (mitochondrial; proton carrier)

Genomic Alteration: transgene insertion 1; Shingo Kajimura

Catalog Number: JAX:026690

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Tg(Ucp1-luc2.-tdTomato)1Kajim/J

Record Creation Time: 20250513T053758+0000

Record Last Update: 20260912T060539+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Ucp1-luc2.-tdTomato)1Kajim/J.

No alerts have been found for STOCK Tg(Ucp1-luc2.-tdTomato)1Kajim/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Ye R, et al. (2022) Brown adipose tissue activation with ginsenoside compound K ameliorates polycystic ovary syndrome. British journal of pharmacology, 179(18), 4563.

Oguri Y, et al. (2020) CD81 Controls Beige Fat Progenitor Cell Growth and Energy Balance via FAK Signaling. Cell, 182(3), 563.

Hemmeryckx B, et al. (2019) Does butein affect adipogenesis? Adipocyte, 8(1), 209.