

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

C57BL/6-Tg(tetO-Cdkn1b)1Scpr/J

RRID:IMSR_JAX:017613

Type: Organism

Proper Citation

RRID:IMSR_JAX:017613

Organism Information

URL: <https://www.jax.org/strain/017613>

Proper Citation: RRID:IMSR_JAX:017613

Description: Mus musculus with name C57BL/6-Tg(tetO-Cdkn1b)1Scpr/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion 1; Steven Pruitt|cyclin dependent kinase inhibitor 1B|tet operator; coisogenic strain|mutant strain: Tg(tetO-Cdkn1b)1Scpr|Cdkn1b|tetO

Affected Gene: transgene insertion 1; Steven Pruitt|cyclin dependent kinase inhibitor 1B|tet operator

Genomic Alteration: transgene insertion 1; Steven Pruitt

Catalog Number: JAX:017613

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Tg(tetO-Cdkn1b)1Scpr/J

Record Creation Time: 20250513T053733+0000

Record Last Update: 20260829T045049+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(tetO-Cdkn1b)1Scpr/J.

No alerts have been found for C57BL/6-Tg(tetO-Cdkn1b)1Scpr/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 [NIF](#) .

Seldin L, et al. (2020) DNA Damage Promotes Epithelial Hyperplasia and Fate Mis-specification via Fibroblast Inflammasome Activation. *Developmental cell*, 55(5), 558.

Shwartz Y, et al. (2020) Cell Types Promoting Goosebumps Form a Niche to Regulate Hair Follicle Stem Cells. *Cell*, 182(3), 578.

Krentz NAJ, et al. (2017) Phosphorylation of NEUROG3 Links Endocrine Differentiation to the Cell Cycle in Pancreatic Progenitors. *Developmental cell*, 41(2), 129.