

Resource Summary Report

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

B6.Cg-Tg(Col1a1-cre/ERT2.-DsRed)1Smkm/J

RRID:IMSR_JAX:029241

Type: Organism

Proper Citation

RRID:IMSR_JAX:029241

Organism Information

URL: <https://www.jax.org/strain/029241>

Proper Citation: RRID:IMSR_JAX:029241

Description: Mus musculus with name B6.Cg-Tg(Col1a1-cre/ERT2.-DsRed)1Smkm/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |Cre recombinase and estrogen receptor 1 (human) fusion gene|collagen; type I; alpha 1|transgene insertion 1; Shunichi Murakami; mutant strain|congenic strain: |cre/ERT2|Col1a1|Tg(Col1a1-cre/ERT2;-DsRed)1Smkm

Affected Gene: |Cre recombinase and estrogen receptor 1 (human) fusion gene|collagen; type I; alpha 1|transgene insertion 1; Shunichi Murakami

Genomic Alteration: transgene insertion 1; Shunichi Murakami

Catalog Number: JAX:029241

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Tg(Col1a1-cre/ERT2.-DsRed)1Smkm/J

Record Creation Time: 20250513T053808+0000

Record Last Update: 20260829T045113+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Col1a1-cre/ERT2.-DsRed)1Smkm/J.

No alerts have been found for B6.Cg-Tg(Col1a1-cre/ERT2.-DsRed)1Smkm/J.

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](#) .

van Gestel N, et al. (2020) Lipid availability determines fate of skeletal progenitor cells via SOX9. Nature, 579(7797), 111.