

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

B6;129S4-Col1a1^{tm2.1(CAG-cre/ERT2)}Dgk/J

RRID:IMSR_JAX:027751

Type: Organism

Proper Citation

RRID:IMSR_JAX:027751

Organism Information

URL: <https://www.jax.org/strain/027751>

Proper Citation: RRID:IMSR_JAX:027751

Description: Mus musculus with name B6;129S4-Col1a1^{tm2.1(CAG-cre/ERT2)}Dgk/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: collagen; type I; alpha 1|Cre recombinase and estrogen receptor 1 (human) fusion gene|; mutant stock: Col1a1|cre/ERT2|

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

Genomic Alteration: targeted mutation 2.1; David Kirsch

Catalog Number: JAX:027751

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S4-Col1a1^{tm2.1(CAG-cre/ERT2)}Dgk/J

Record Creation Time: 20250513T053801+0000

Record Last Update: 20260905T044539+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S4-Col1a1^{tm2.1(CAG-cre/ERT2)}Dgk/J.

No alerts have been found for B6;129S4-Col1a1^{tm2.1(CAG-cre/ERT2)}Dgk/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](#).

Griffin MF, et al. (2026) Fibroblasts of disparate developmental origins harbor anatomically variant scarring potential. Cell, 189(3), 783.

Huang J, et al. (2024) Granulocyte colony stimulating factor promotes scarless tissue regeneration. Cell reports, 43(10), 114742.