

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

STOCK Tg(Col1a2-cre/ERT.-ALPP)7Cpd/J

RRID:IMSR_JAX:029235

Type: Organism

Proper Citation

RRID:IMSR_JAX:029235

Organism Information

URL: <https://www.jax.org/strain/029235>

Proper Citation: RRID:IMSR_JAX:029235

Description: Mus musculus with name STOCK Tg(Col1a2-cre/ERT.-ALPP)7Cpd/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Tg(Col1a2-cre/ERT.-ALPP)7Cpd/J

Notes: gene symbol note: cre inducible estrogen receptor|collagen; type I; alpha 2|transgene insertion 7; Christopher P Denton; mutant stock: cre/ER|Col1a2|Tg(Col1a2-cre/ERT;-ALPP)7Cpd

Affected Gene: cre inducible estrogen receptor|collagen; type I; alpha 2|transgene insertion 7; Christopher P Denton

Genomic Alteration: transgene insertion 7; Christopher P Denton

Catalog Number: JAX:029235

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Tg(Col1a2-cre/ERT.-ALPP)7Cpd/J

Record Creation Time: 20250513T053808+0000

Record Last Update: 20260829T045114+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Col1a2-cre/ERT.-ALPP)7Cpd/J.

No alerts have been found for STOCK Tg(Col1a2-cre/ERT.-ALPP)7Cpd/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Masztalerz A, et al. (2026) Clusterin marks maladaptive regenerative responses throughout the kidney following ischemia-reperfusion injury. *iScience*, 29(6), 116077.

Xu H, et al. (2026) Fibroblast MrgprX2/B2 signaling drives hypertrophic scar fibrosis. *Cell reports*, 45(7), 117616.

Nam JK, et al. (2025) Combined HIF-1?? blockade and CHIR99021 treatment reverses pulmonary fibrosis via modulation endothelial-to-mesenchymal transition. *iScience*, 28(12), 114028.

Rachedi NS, et al. (2024) Dietary intake and glutamine-serine metabolism control pathologic vascular stiffness. *Cell metabolism*, 36(6), 1335.

Flannigan KL, et al. (2023) The Pregnane X Receptor and Indole-3-Propionic Acid Shape the Intestinal Mesenchyme to Restrain Inflammation and Fibrosis. *Cellular and molecular gastroenterology and hepatology*, 15(3), 765.

Ouahoud S, et al. (2023) Loss of bone morphogenetic protein signaling in fibroblasts results in CXCL12-driven serrated polyp development. *Journal of gastroenterology*, 58(1), 25.

Nicolas AM, et al. (2022) Inflammatory fibroblasts mediate resistance to neoadjuvant therapy in rectal cancer. *Cancer cell*, 40(2), 168.

Helfinger V, et al. (2021) Genetic deletion of Nox4 enhances cancerogen-induced formation of solid tumors. *Proceedings of the National Academy of Sciences of the United States of America*, 118(11).

Li X, et al. (2019) Tamoxifen affects chronic pancreatitis-related fibrogenesis in an experimental mouse model: an effect beyond Cre recombination. *FEBS open bio*, 9(10), 1756.

Kim S, et al. (2019) Epigenetic regulation of mammalian Hedgehog signaling to the stroma determines the molecular subtype of bladder cancer. *eLife*, 8.