Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 5, 2025

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

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

Genomic Alteration: transgene insertion 7; Christopher P Denton

Catalog Number: JAX:029235

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Alternate IDs: IMSR_JAX:29235

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

Record Creation Time: 20230509T193327+0000

Record Last Update: 20240104T175135+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: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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

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.

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.

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).

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