Resource Summary Report

Generated by kravitz2 on Jul 29, 2026

B6;129S4-Col1a1$^{tm1(tetO-Pou5f1.-Klf4.-Sox2.-Myc)Hoch}$/J

RRID:IMSR_JAX:011001
Type: Organism

Proper Citation

RRID:IMSR_JAX:011001

Organism Information

URL: https://www.jax.org/strain/011001

Proper Citation: RRID:IMSR_JAX:011001

Description: Mus musculus with name B6;129S4-Col1a1$^{tm1(tetO-Pou5f1.-Klf4.-Sox2.-Myc)Hoch}$/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: collagen; type I; alpha 1|Kruppel-like transcription factor 4 (gut)|POU domain; class 5; transcription factor 1|Myc proto-oncogene; bHLH transcription factor|SRY (sex determining region Y)-box 2|tet operator; mutant stock: Col1a1|Klf4|Pou5f1|Myc|Sox2|tetO

Affected Gene: collagen; type I; alpha 1|Kruppel-like transcription factor 4 (gut)|POU domain; class 5; transcription factor 1|Myc proto-oncogene; bHLH transcription factor|SRY (sex determining region Y)-box 2|tet operator

Genomic Alteration: targeted mutation 1; Konrad Hochedlinger

Catalog Number: JAX:011001

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S4-Col1a1$^{tm1(tetO-Pou5f1.-Klf4.-Sox2.-Myc)Hoch}$/J

Record Creation Time: 20250513T053718+0000

Record Last Update: 20260725T044428+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S4-Col1a1$^{tm1(tetO\text{-}Pou5f1.\text{-}Klf4.\text{-}Sox2.\text{-}Myc)Hoch}/J$.

No alerts have been found for B6;129S4-Col1a1$^{tm1(tetO\text{-}Pou5f1.\text{-}Klf4.\text{-}Sox2.\text{-}Myc)Hoch}/J$.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Pic?? S, et al. (2025) Comparative analysis of mouse strains for in vivo induction of reprogramming factors. Cell reports, 44(7), 115879.

Klagkou E, et al. (2024) An Unbiased Approach to Identifying Cellular Reprogramming-Inducible Enhancers. International journal of molecular sciences, 25(23).

Seruggia D, et al. (2019) TAF5L and TAF6L Maintain Self-Renewal of Embryonic Stem Cells via the MYC Regulatory Network. Molecular cell, 74(6), 1148.

Schwarz BA, et al. (2018) Prospective Isolation of Poised iPSC Intermediates Reveals Principles of Cellular Reprogramming. Cell stem cell, 23(2), 289.

Mor N, et al. (2018) Neutralizing Gatad2a-Chd4-Mbd3/NuRD Complex Facilitates Deterministic Induction of Naive Pluripotency. Cell stem cell, 23(3), 412.