

Resource Summary Report

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STOCK Gt(ROSA)26Sor^{tm1(rtTA*M2)Jae} Col1a1/J

RRID:IMSR_JAX:011004

Type: Organism

Proper Citation

RRID:IMSR_JAX:011004

Organism Information

URL: <https://www.jax.org/strain/011004>

Proper Citation: RRID:IMSR_JAX:011004

Description: Mus musculus with name STOCK Gt(ROSA)26Sor^{tm1(rtTA*M2)Jae} Col1a1/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: POU domain; class 5; transcription factor 1|gene trap ROSA 26; Philippe Soriano|tet operator|Myc proto-oncogene; bHLH transcription factor|reverse tetracycline-controlled transactivator|Kruppel-like transcription factor 4 (gut)|collagen; type I; alpha 1|SRY (sex determining region Y)-box 2; mutant stock: Pou5f1|Gt(ROSA)26Sor|tetO|Myc|rtTA|Klf4|Col1a1|Sox2

Affected Gene: POU domain; class 5; transcription factor 1|gene trap ROSA 26; Philippe Soriano|tet operator|Myc proto-oncogene; bHLH transcription factor|reverse tetracycline-controlled transactivator|Kruppel-like transcription factor 4 (gut)|collagen; type I; alpha 1|SRY (sex determining region Y)-box 2

Genomic Alteration: targeted mutation 3; Rudolf Jaenisch|targeted mutation 1; Rudolf Jaenisch

Catalog Number: JAX:011004

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Gt(ROSA)26Sor^{tm1(rtTA*M2)Jae} Col1a1/J

Record Creation Time: 20250513T053718+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Gt(ROSA)26Sor^{tm1(rtTA*M2)}Jae Col1a1/J.

No alerts have been found for STOCK Gt(ROSA)26Sor^{tm1(rtTA*M2)}Jae Col1a1/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

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

Hishida T, et al. (2022) In vivo partial cellular reprogramming enhances liver plasticity and regeneration. Cell reports, 39(4), 110730.

Francesconi M, et al. (2019) Single cell RNA-seq identifies the origins of heterogeneity in efficient cell transdifferentiation and reprogramming. eLife, 8.

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