

Resource Summary Report

Generated by [kravitz2](#) on Sep 19, 2026

B6;129S4-Gt(ROSA)26Sor^{tm1(rtTA*M2)}Jae Col1a1/J

RRID:IMSR_JAX:038749

Type: Organism

Proper Citation

RRID:IMSR_JAX:038749

Organism Information

URL: <https://www.jax.org/strain/038749>

Proper Citation: RRID:IMSR_JAX:038749

Description: Mus musculus with name B6;129S4-Gt(ROSA)26Sor^{tm1(rtTA*M2)}Jae Col1a1/J from IMSR.

Species: Mus musculus

Synonyms: Cas9-TdT-gRNAs-M2

Notes: gene symbol note: reverse tetracycline-controlled transactivator|collagen; type I; alpha 1|gene trap ROSA 26; Philippe Soriano; mutant stock: rtTA|Col1a1|Gt(ROSA)26Sor

Affected Gene: reverse tetracycline-controlled transactivator|collagen; type I; alpha 1|gene trap ROSA 26; Philippe Soriano

Genomic Alteration: targeted mutation 1; Rudolf Jaenisch|targeted mutation 5; Fernando Camargo

Catalog Number: JAX:038749

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6;129S4-Gt(ROSA)26Sor^{tm1(rtTA*M2)}Jae Col1a1/J

Record Creation Time: 20250513T053907+0000

Record Last Update: 20260919T055050+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S4-Gt(ROSA)26Sor^{tm1(rtTA*M2)}Jae Col1a1/J.

No alerts have been found for B6;129S4-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 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Jia Y, et al. (2026) SPACE-seq integrates spatial transcriptomics and lineage tracing in native tissues. Cell stem cell.

Li L, et al. (2023) A mouse model with high clonal barcode diversity for joint lineage, transcriptomic, and epigenomic profiling in single cells. Cell, 186(23), 5183.