

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 1, 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|gene trap ROSA 26; Philippe Soriano|collagen; type I; alpha 1; mutant stock: rtTA|Gt(ROSA)26Sor|Col1a1

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

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: 20260801T050613+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 1 mentions in open access literature.

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

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.