

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.org/) on May 11, 2025

B6.Cg-Gt(ROSA)26Sor^{tm1(rtTA*M2)Jae} Col1a1/J

RRID:IMSR_JAX:014602

Type: Organism

Proper Citation

RRID:IMSR_JAX:014602

Organism Information

URL: <https://www.jax.org/strain/014602>

Proper Citation: RRID:IMSR_JAX:014602

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

Species: Mus musculus

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

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

Genomic Alteration: targeted mutation 1; Rudolf Jaenisch

Catalog Number: JAX:014602

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Alternate IDs: IMSR_JAX:14602

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

Record Creation Time: 20230509T193308+0000

Record Last Update: 20250412T090552+0000

Ratings and Alerts

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

No alerts have been found for B6.Cg-Gt(ROSA)26Sor^{tm1(rtTA*M2)}Jae Col1a1/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Krotenberg Garcia A, et al. (2024) Cell competition promotes metastatic intestinal cancer through a multistage process. iScience, 27(5), 109718.

Konturek-Ciesla A, et al. (2023) Temporal multimodal single-cell profiling of native hematopoiesis illuminates altered differentiation trajectories with age. Cell reports, 42(4), 112304.

Säwen P, et al. (2018) Murine HSCs contribute actively to native hematopoiesis but with reduced differentiation capacity upon aging. eLife, 7.