

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

B6;129S6-Gt(ROSA)26Sor^{tm1}(CAG-tdTomato*.-EGFP*)Ees/J

RRID:IMSR_JAX:023035

Type: Organism

Proper Citation

RRID:IMSR_JAX:023035

Organism Information

URL: <https://www.jax.org/strain/023035>

Proper Citation: RRID:IMSR_JAX:023035

Description: Mus musculus with name B6;129S6-Gt(ROSA)26Sor^{tm1}(CAG-tdTomato*.-EGFP*)Ees/J from IMSR.

Species: Mus musculus

Synonyms: B6;129S6-Gt(ROSA)26Sor/J

Notes: gene symbol note: |gene trap ROSA 26; Philippe Soriano; mutant stock: |Gt(ROSA)26Sor

Affected Gene: |gene trap ROSA 26; Philippe Soriano

Genomic Alteration: targeted mutation 1; Edward E Schmidt

Catalog Number: JAX:023035

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S6-Gt(ROSA)26Sor^{tm1}(CAG-tdTomato*.-EGFP*)Ees/J

Record Creation Time: 20250513T053747+0000

Record Last Update: 20260815T050658+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S6-Gt(ROSA)26Sor^{tm1}(CAG-tdTomato^{*}.-EGFP^{*})Ees/J.

No alerts have been found for B6;129S6-Gt(ROSA)26Sor^{tm1}(CAG-tdTomato^{*}.-EGFP^{*})Ees/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Rivera-Gonzalez GC, et al. (2025) Comparative single-cell lineage tracing identifies distinct adipocyte precursor dynamics in skin and inguinal fat. *Cell stem cell*, 32(8), 1267.

Herms A, et al. (2024) Self-sustaining long-term 3D epithelioid cultures reveal drivers of clonal expansion in esophageal epithelium. *Nature genetics*, 56(10), 2158.

Ozguldez HO, et al. (2023) Polarity inversion reorganizes the stem cell compartment of the trophoblast lineage. *Cell reports*, 42(4), 112313.

Wright CM, et al. (2021) scRNA-Seq Reveals New Enteric Nervous System Roles for GDNF, NRTN, and TBX3. *Cellular and molecular gastroenterology and hepatology*, 11(5), 1548.

Blum JA, et al. (2021) Single-cell transcriptomic analysis of the adult mouse spinal cord reveals molecular diversity of autonomic and skeletal motor neurons. *Nature neuroscience*, 24(4), 572.

Huang S, et al. (2021) Lgr6 marks epidermal stem cells with a nerve-dependent role in wound re-epithelialization. *Cell stem cell*, 28(9), 1582.

Farrelly O, et al. (2021) Two-photon live imaging of single corneal stem cells reveals compartmentalized organization of the limbal niche. *Cell stem cell*, 28(7), 1233.

Cordero-Espinoza L, et al. (2021) Dynamic cell contacts between periportal mesenchyme and ductal epithelium act as a rheostat for liver cell proliferation. *Cell stem cell*, 28(11), 1907.

Taylor B, et al. (2020) TGF- β is insufficient to induce adipocyte state loss without concurrent PPAR γ downregulation. *Scientific reports*, 10(1), 14084.

Feige P, et al. (2020) Isolation of satellite cells and transplantation into mice for lineage tracing in muscle. *Nature protocols*, 15(3), 1082.

Wang YX, et al. (2019) EGFR-Aurka Signaling Rescues Polarity and Regeneration Defects in Dystrophin-Deficient Muscle Stem Cells by Increasing Asymmetric Divisions. *Cell stem cell*, 24(3), 419.