Resource Summary Report

Generated by RRID on Jul 29, 2026

B6.129-Gt(ROSA)26Sor$^{tm1(cre/ERT2)Tyj}$/J

RRID:IMSR_JAX:008463
Type: Organism

Proper Citation

RRID:IMSR_JAX:008463

Organism Information

URL: https://www.jax.org/strain/008463

Proper Citation: RRID:IMSR_JAX:008463

Description: Mus musculus with name B6.129-Gt(ROSA)26Sor$^{tm1(cre/ERT2)Tyj}$/J from IMSR.

Species: Mus musculus

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

Notes: gene symbol note: gene trap ROSA 26; Philippe Soriano|Cre recombinase and estrogen receptor 1 (human) fusion gene; congenic strain: Gt(ROSA)26Sor|cre/ERT2

Affected Gene: gene trap ROSA 26; Philippe Soriano|Cre recombinase and estrogen receptor 1 (human) fusion gene

Genomic Alteration: targeted mutation 1; Tyler Jacks

Catalog Number: JAX:008463

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129-Gt(ROSA)26Sor$^{tm1(cre/ERT2)Tyj}$/J

Record Creation Time: 20250513T053709+0000

Record Last Update: 20260725T044420+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Gt(ROSA)26Sor tm1(cre/ERT2)Tyj/J.

No alerts have been found for B6.129-Gt(ROSA)26Sor$^{tm1(cre/ERT2)Tyj}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 185 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Ishikawa R, et al. (2026) A novel conditional knock-in mouse model for APOE4-to-APOE3 switching. Neurobiology of disease, 218, 107244.

Zong P, et al. (2025) TRPM2 overactivation drives hyperlipidemia-induced dysfunction of myeloid cells and neurovascular units. Cell reports. Medicine, 6(3), 101998.

Duan S, et al. (2025) WNK1 signalling regulates amino acid transport and mTORC1 activity to sustain acute myeloid leukaemia growth. Nature communications, 16(1), 4920.

Buco PAV, et al. (2025) Minute amounts of helicase-deficient truncated RECQL4 are sufficient for DNA replication. bioRxiv : the preprint server for biology.

Butic AB, et al. (2025) PD-1 regulates CD4+ T cell-mediated CD8+ T cell responses in the brain to balance viral control and neuroinflammation. bioRxiv : the preprint server for biology.

Cui Y, et al. (2025) circHERC1-A telomerase activator. Science advances, 11(46), eadz3680.

Naderi J, et al. (2025) Ceramide-induced FGF13 impairs systemic metabolic health. Cell metabolism, 37(5), 1206.

Summers BS, et al. (2025) Renal and hepatic function is preserved following inducible knockout of kynurenine pathway enzymes KMO or QPRT in adult mice. PloS one, 20(12), e0335906.

Cortez VS, et al. (2025) IL-25-induced memory ILC2s mediate long-term small intestinal adaptation. bioRxiv : the preprint server for biology.

Novak J, et al. (2025) The adaptor protein Miro1 modulates horizontal transfer of mitochondria in mouse melanoma models. Cell reports, 44(1), 115154.

Journot RP, et al. (2025) Conserved signals control self-organization and symmetry breaking of murine bilayered epithelia during development and regeneration. Developmental cell.

Chakraborty S, et al. (2025) Deletion of a single CTCF motif at the boundary of a chromatin domain with three FGF genes disrupts gene expression and embryonic development. Developmental cell, 60(13), 1838.

Cortez VS, et al. (2025) IL-25-induced memory type 2 innate lymphoid cells enforce mucosal immunity. Cell.

Xie S, et al. (2025) The G1/S transition in mammalian stem cells in vivo is autonomously regulated by cell size. Nature communications, 16(1), 9071.

Kotikalapudi N, et al. (2025) Acute regulation of murine adipose tissue lipolysis and insulin resistance by the TGF?? superfamily protein GDF3. Nature communications, 16(1), 4432.

Cheung JF, et al. (2025) Distinct T cell functions enable efficient immunoediting and prevent tumor emergence of developing sarcomas. Cancer cell, 43(12), 2311.

Hecht F, et al. (2024) Catabolism of extracellular glutathione supplies amino acids to support tumor growth. bioRxiv : the preprint server for biology.

Inoue T, et al. (2024) Csk restrains BCR-mediated ROS production and contributes to germinal center selection and affinity maturation. The Journal of experimental medicine, 221(7).

Hegazy AN, et al. (2024) Plasticity and lineage commitment of individual TH1 cells are determined by stable T-bet expression quantities. Science advances, 10(23), eadk2693.

Pyrillou K, et al. (2024) Loss of T follicular regulatory cell-derived IL-1R2 augments germinal center reactions via increased IL-1. JCI insight, 9(5).