

Resource Summary Report

Generated by [NIF](#) on Sep 13, 2026

B6;129S4-Gt(ROSA)26Sor^{tm1Sor/J}

RRID:IMSR_JAX:003309

Type: Organism

Proper Citation

RRID:IMSR_JAX:003309

Organism Information

URL: <https://www.jax.org/strain/003309>

Proper Citation: RRID:IMSR_JAX:003309

Description: Mus musculus with name B6;129S4-Gt(ROSA)26Sor^{tm1Sor/J} from IMSR.

Species: Mus musculus

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

Affected Gene: gene trap ROSA 26; Philippe Soriano|beta-galactosidase

Genomic Alteration: targeted mutation 1; Philippe Soriano

Catalog Number: JAX:003309

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6;129S4-Gt(ROSA)26Sor^{tm1Sor/J}

Record Creation Time: 20250513T053638+0000

Record Last Update: 20260912T060423+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S4-Gt(ROSA)26Sor^{tm1Sor/J}.

No alerts have been found for B6;129S4-Gt(ROSA)26Sor^{tm1Sor/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Wang L, et al. (2023) Protocol for inducing cellular ablation in the mouse atrioventricular conduction system. STAR protocols, 4(1), 102145.

Sefton EM, et al. (2022) Fibroblast-derived Hgf controls recruitment and expansion of muscle during morphogenesis of the mammalian diaphragm. eLife, 11.

Onishi K, et al. (2022) Molecular cell identities in the mediodorsal thalamus of infant mice and marmoset. The Journal of comparative neurology, 530(7), 963.

Zhang K, et al. (2022) A functional circuit formed by the autonomic nerves and myofibroblasts controls mammalian alveolar formation for gas exchange. Developmental cell, 57(13), 1566.

Thulabandu V, et al. (2021) Dermal EZH2 orchestrates dermal differentiation and epidermal proliferation during murine skin development. Developmental biology, 478, 25.

Tomita H, et al. (2021) Inhibition of FGF10-ERK signal activation suppresses intraductal papillary neoplasm of the bile duct and its associated carcinomas. Cell reports, 34(8), 108772.

Tomassoni-Ardori F, et al. (2019) Rbfox1 up-regulation impairs BDNF-dependent hippocampal LTP by dysregulating TrkB isoform expression levels. eLife, 8.

Pandolfi EC, et al. (2019) Deletion of the Homeodomain Protein Six6 From GnRH Neurons Decreases GnRH Gene Expression, Resulting in Infertility. Endocrinology, 160(9), 2151.

Joseph DB, et al. (2019) Epithelial DNA methyltransferase-1 regulates cell survival, growth and maturation in developing prostatic buds. Developmental biology, 447(2), 157.

Yu B, et al. (2018) PGC-1?? Controls Skeletal Stem Cell Fate and Bone-Fat Balance in Osteoporosis and Skeletal Aging by Inducing TAZ. Cell stem cell, 23(2), 193.

Wang QA, et al. (2018) Reversible De-differentiation of Mature White Adipocytes into Preadipocyte-like Precursors during Lactation. Cell metabolism, 28(2), 282.

Zingg D, et al. (2018) EZH2-Mediated Primary Cilium Deconstruction Drives Metastatic Melanoma Formation. Cancer cell, 34(1), 69.

Zuo W, et al. (2015) p63(+)Krt5(+) distal airway stem cells are essential for lung regeneration. *Nature*, 517(7536), 616.

Sun LO, et al. (2015) Functional assembly of accessory optic system circuitry critical for compensatory eye movements. *Neuron*, 86(4), 971.

Nern C, et al. (2009) Fusion of hematopoietic cells with Purkinje neurons does not lead to stable heterokaryon formation under noninvasive conditions. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 29(12), 3799.