

Resource Summary Report

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B6.129P2-Gt(ROSA)26Sor^{tm1(DTA)}Lky/J

RRID:IMSR_JAX:009669

Type: Organism

Proper Citation

RRID:IMSR_JAX:009669

Organism Information

URL: <https://www.jax.org/strain/009669>

Proper Citation: RRID:IMSR_JAX:009669

Description: Mus musculus with name B6.129P2-Gt(ROSA)26Sor^{tm1(DTA)}Lky/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: gene trap ROSA 26; Philippe Soriano|Diphtheria toxin A chain; congenic strain: Gt(ROSA)26Sor|Dta

Affected Gene: gene trap ROSA 26; Philippe Soriano|Diphtheria toxin A chain

Genomic Alteration: targeted mutation 1; Richard M Locksley

Catalog Number: JAX:009669

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129P2-Gt(ROSA)26Sor^{tm1(DTA)}Lky/J

Record Creation Time: 20250513T053715+0000

Record Last Update: 20260829T045020+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Gt(ROSA)26Sor^{tm1(DTA)Lky/J}.

No alerts have been found for B6.129P2-Gt(ROSA)26Sor^{tm1(DTA)Lky/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 86 mentions in open access literature.

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

Stanbery AG, et al. (2026) Tuft cells promote reactivation of memory Th2 cells and are required for protective immunity to intestinal helminth re-infection. *Immunity*, 59(5), 1381.

Jorgensen A, et al. (2026) Tumor-Infiltrating Nociceptor Neurons in Ovarian Cancer Treatment Resistance. *Advanced biology*, 10(3), e00404.

Aydin E, et al. (2026) Clec3b⁺ extraskelatal cells regulate fracture healing and heterotopic ossification. *Bone research*, 14(1).

Yu J, et al. (2026) 6-Hydroxydopamine promotes antitumor immunity through macrophage remodeling beyond sympathetic ablation. *Neuron*, 114(14), 2532.

Xia M, et al. (2026) A machine learning-based megakaryocyte identification system uncovers resident organs, markers, and functional diversity. *Developmental cell*, 61(6), 1319.

Watson LA, et al. (2026) Persistent and transient senescent cells contribute to brain-barrier development. *Cell*, 189(14), 4295.

Muppirala AN, et al. (2026) Tachykinin signaling defines distinct populations of glia in the enteric nervous system. *Neuron*.

Gjonlleshaj P, et al. (2026) African pygmy mouse iPSCs as a model for in vitro embryogenesis, interspecies chimerism, and blastocyst complementation. *Cell reports methods*, 6(2), 101293.

Qian J, et al. (2026) Disease-associated microglia adopt stage-specific phenotypes that regulate T cell fate and immunity in glioma. *Immunity*.

Li F, et al. (2026) NFATC1 dysfunction-triggered MSC senescence induces tooth aging amenable to senolytic therapy. *Stem cell reports*, 21(6), 102925.

Momoh M, et al. (2025) Acute tuft cell ablation in mice induces malabsorption and alterations in secretory and immune cell lineages in the small intestine. *Physiological reports*, 13(5), e70264.

Zhu Q, et al. (2025) Procr+ chondroprogenitors sense mechanical stimuli to govern articular cartilage maintenance and regeneration. *Cell*.

Hiroki CH, et al. (2025) Nociceptor neurons suppress alveolar macrophage-induced Siglec-F+ neutrophil-mediated inflammation to protect against pulmonary fibrosis. *Immunity*, 58(8), 2054.

Prochera A, et al. (2025) Enteric glia regulate Paneth cell secretion and intestinal microbial ecology. *eLife*, 13.

Kline SN, et al. (2025) Epicutaneous *Staphylococcus aureus* initiates cross-tissue IL-36R signaling for neutrophilic lung inflammation in a model of the atopic march. *Cell reports*, 44(8), 116054.

Lee JY, et al. (2025) Senolytic-sensitive p16Ink4a+ fibroblasts in the tumor stroma rewire lung cancer metabolism and plasticity. *Cell stem cell*, 32(12), 1869.

Baumann N, et al. (2025) Cell-extrinsic controls over neocortical neuron fate and diversity. *Science advances*, 11(38), eadw0218.

Guia S, et al. (2025) Genome-wide CRISPR/Cas9 screen reveals factors that influence the susceptibility of tumor cells to NK cell-mediated killing. *Journal for immunotherapy of cancer*, 13(3).

Cranfill SL, et al. (2025) Asymmetric lateral habenula function and peripheral neural mechanisms in regulating itch-evoked scratching. *Current biology : CB*, 35(24), 6180.

Choi HW, et al. (2025) Platelet-mediated activation of perivascular mast cells triggers progression of sepsis to septic shock in mice. *Nature communications*, 17(1), 270.