

Resource Summary Report

Generated by [RRID](#) on Aug 1, 2026

B6.Cg-Gt(ROSA)26Sor^{tm1.1(CAG-Pycard/mCitrine*.-CD2*)}Dtg/J

RRID:IMSR_JAX:030744

Type: Organism

Proper Citation

RRID:IMSR_JAX:030744

Organism Information

URL: <https://www.jax.org/strain/030744>

Proper Citation: RRID:IMSR_JAX:030744

Description: Mus musculus with name B6.Cg-Gt(ROSA)26Sor^{tm1.1(CAG-Pycard/mCitrine*.-CD2*)}Dtg/J from IMSR.

Species: Mus musculus

Synonyms: B6(Cg)-Gt(ROSA)26Sor/J

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

Affected Gene: |gene trap ROSA 26; Philippe Soriano

Genomic Alteration: targeted mutation 1.1; Douglas T Golenbock

Catalog Number: JAX:030744

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Gt(ROSA)26Sor^{tm1.1(CAG-Pycard/mCitrine*.-CD2*)}Dtg/J

Record Creation Time: 20250513T053817+0000

Record Last Update: 20260801T050530+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Gt(ROSA)26Sor^{tm1.1}(CAG-Pycard/mCitrine*.-CD2*)Dtg/J.

No alerts have been found for B6.Cg-Gt(ROSA)26Sor^{tm1.1}(CAG-Pycard/mCitrine*.-CD2*)Dtg/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Shan M, et al. (2025) Itaconate promotes inflammatory responses in tissue-resident alveolar macrophages and exacerbates acute lung injury. *Cell metabolism*, 37(8), 1750.

Zengeler KE, et al. (2025) Inflammasome signaling in astrocytes modulates hippocampal plasticity. *Immunity*, 58(6), 1519.

Epstein AA, et al. (2024) Subventricular zone stem cell niche injury is associated with intestinal perforation in preterm infants and predicts future motor impairment. *Cell stem cell*, 31(4), 467.

den Hartigh AB, et al. (2023) Muscimol inhibits plasma membrane rupture and ninjurin-1 oligomerization during pyroptosis. *Communications biology*, 6(1), 1010.

Bambouskova M, et al. (2021) Itaconate confers tolerance to late NLRP3 inflammasome activation. *Cell reports*, 34(10), 108756.

Rolfes V, et al. (2020) Platelets Fuel the Inflammasome Activation of Innate Immune Cells. *Cell reports*, 31(6), 107615.

Zhivaki D, et al. (2020) Inflammasomes within Hyperactive Murine Dendritic Cells Stimulate Long-Lived T Cell-Mediated Anti-tumor Immunity. *Cell reports*, 33(7), 108381.

Matheis F, et al. (2020) Adrenergic Signaling in Muscularis Macrophages Limits Infection-Induced Neuronal Loss. *Cell*, 180(1), 64.