

Resource Summary Report

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

B6.Cg-Gt(ROSA)26Sor^{tm38(CAG-GCaMP3)Hze/J}

RRID:IMSR_JAX:029043

Type: Organism

Proper Citation

RRID:IMSR_JAX:029043

Organism Information

URL: <https://www.jax.org/strain/029043>

Proper Citation: RRID:IMSR_JAX:029043

Description: Mus musculus with name B6.Cg-Gt(ROSA)26Sor^{tm38(CAG-GCaMP3)Hze/J} from IMSR.

Species: Mus musculus

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

Affected Gene: |gene trap ROSA 26; Philippe Soriano

Genomic Alteration: targeted mutation 38; Hongkui Zeng

Catalog Number: JAX:029043

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Gt(ROSA)26Sor^{tm38(CAG-GCaMP3)Hze/J}

Record Creation Time: 20250513T053807+0000

Record Last Update: 20260801T050518+0000

Ratings and Alerts

- Used for humanized mouse by the Human Islet Research Network community.
Contact(s): [Alejandro Tamayo-Garcia](#), [Alejandro Caicedo](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for B6.Cg-Gt(ROSA)26Sor^{tm38}(CAG-GCaMP3)Hze/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Xiao D, et al. (2021) MesoNet allows automated scaling and segmentation of mouse mesoscale cortical maps using machine learning. Nature communications, 12(1), 5992.

Gould TW, et al. (2019) Activity within specific enteric neurochemical subtypes is correlated with distinct patterns of gastrointestinal motility in the murine colon. American journal of physiology. Gastrointestinal and liver physiology, 317(2), G210.

Chapot CA, et al. (2017) Local Signals in Mouse Horizontal Cell Dendrites. Current biology : CB, 27(23), 3603.