

Resource Summary Report

Generated by [kravitz2](#) on Sep 19, 2026

B6.Cg-Gt(ROSA)26Sor^{tm1(CAG-EGFP)}Brsy/J

RRID:IMSR_JAX:032290

Type: Organism

Proper Citation

RRID:IMSR_JAX:032290

Organism Information

URL: <https://www.jax.org/strain/032290>

Proper Citation: RRID:IMSR_JAX:032290

Description: Mus musculus with name B6.Cg-Gt(ROSA)26Sor^{tm1(CAG-EGFP)}Brsy/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|congenic strain: Gt(ROSA)26Sor

Affected Gene: gene trap ROSA 26; Philippe Soriano

Genomic Alteration: targeted mutation 1; Kivanc Birsoy

Catalog Number: JAX:032290

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Gt(ROSA)26Sor^{tm1(CAG-EGFP)}Brsy/J

Record Creation Time: 20250513T053828+0000

Record Last Update: 20260919T055011+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Gt(ROSA)26Sor^{tm1}(CAG-EGFP)Brsy/J.

No alerts have been found for B6.Cg-Gt(ROSA)26Sor^{tm1}(CAG-EGFP)Brsy/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Feola K, et al. (2026) Renal Ketogenesis Protects Against Ischemic Kidney Injury. Journal of the American Society of Nephrology : JASN, 37(8), 1628.

Arumugam P, et al. (2026) Mitochondrial transfer to granulocytic myeloid-derived suppressor cells augments immunosuppressive activity. Cell reports, 45(3), 117057.

Feola K, et al. (2026) Dynamic and differential renal cortical cell-specific mitochondrial metabolism in response to fasting. American journal of physiology. Renal physiology, 330(2), F210.

Khan A, et al. (2025) Machine-learning-guided discovery of SLC25A45 as a mediator of mitochondrial methylated amino acid import and carnitine synthesis. Cell metabolism, 37(11), 2220.

Feola K, et al. (2025) Measuring renal cortical cell-specific mitochondrial metabolism. bioRxiv : the preprint server for biology.

Feola K, et al. (2024) Hepatic ketogenesis is not required for starvation adaptation in mice. Molecular metabolism, 86, 101967.