

Resource Summary Report

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

FVB.Cg-Gt(ROSA)26Sor^{tm1}(CAG-lacZ.-EGFP)Glh/J

RRID:IMSR_JAX:012429

Type: Organism

Proper Citation

RRID:IMSR_JAX:012429

Organism Information

URL: <https://www.jax.org/strain/012429>

Proper Citation: RRID:IMSR_JAX:012429

Description: Mus musculus with name FVB.Cg-Gt(ROSA)26Sor^{tm1}(CAG-lacZ.-EGFP)Glh/J from IMSR.

Species: Mus musculus

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

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

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

Genomic Alteration: targeted mutation 1; David J Goldhamer

Catalog Number: JAX:012429

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

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

Record Creation Time: 20250513T053720+0000

Record Last Update: 20260919T054908+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Bowers SLK, et al. (2023) Col1a2-Deleted Mice Have Defective Type I Collagen and Secondary Reactive Cardiac Fibrosis with Altered Hypertrophic Dynamics. *Cells*, 12(17).

Saeki N, et al. (2022) Epigenetic regulator UHRF1 orchestrates proinflammatory gene expression in rheumatoid arthritis in a suppressive manner. *The Journal of clinical investigation*, 132(11).

Lees-Shepard JB, et al. (2022) An anti-ACVR1 antibody exacerbates heterotopic ossification by fibro-adipogenic progenitors in fibrodysplasia ossificans progressiva mice. *The Journal of clinical investigation*, 132(12).

Fortin J, et al. (2020) Mutant ACVR1 Arrests Glial Cell Differentiation to Drive Tumorigenesis in Pediatric Gliomas. *Cancer cell*, 37(3), 308.

Brignani S, et al. (2020) Remotely Produced and Axon-Derived Netrin-1 Instructs GABAergic Neuron Migration and Dopaminergic Substantia Nigra Development. *Neuron*, 107(4), 684.

Drinnenberg A, et al. (2018) How Diverse Retinal Functions Arise from Feedback at the First Visual Synapse. *Neuron*, 99(1), 117.

van der Heijden ME, et al. (2018) Loss of Atoh1 from neurons regulating hypoxic and hypercapnic chemoresponses causes neonatal respiratory failure in mice. *eLife*, 7.

Kanisicak O, et al. (2016) Genetic lineage tracing defines myofibroblast origin and function in the injured heart. *Nature communications*, 7, 12260.

van Berlo JH, et al. (2014) c-kit⁺ cells minimally contribute cardiomyocytes to the heart. *Nature*, 509(7500), 337.

McCarthy JJ, et al. (2012) Inducible Cre transgenic mouse strain for skeletal muscle-specific gene targeting. *Skeletal muscle*, 2(1), 8.