

Resource Summary Report

Generated by T1D on Sep 20, 2026

B6.129S4-Gt(ROSA)26Sor^{tm1}(CAG-TMEM192)Dmsa/J

RRID:IMSR_JAX:035401

Type: Organism

Proper Citation

RRID:IMSR_JAX:035401

Organism Information

URL: <https://www.jax.org/strain/035401>

Proper Citation: RRID:IMSR_JAX:035401

Description: Mus musculus with name B6.129S4-Gt(ROSA)26Sor^{tm1}(CAG-TMEM192)Dmsa/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 1; David Sabatini

Catalog Number: JAX:035401

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129S4-Gt(ROSA)26Sor^{tm1}(CAG-TMEM192)Dmsa/J

Record Creation Time: 20250513T053848+0000

Record Last Update: 20260919T055031+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Gt(ROSA)26Sor^{tm1}(CAG-TMEM192)Dmsa/J.

No alerts have been found for B6.129S4-Gt(ROSA)26Sor^{tm1}(CAG-TMEM192)Dmsa/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Ghoochani A, et al. (2026) Cell-type resolved protein atlas of brain lysosomes identifies SLC45A1-associated disease as a lysosomal disorder. *Cell*, 189(3), 765.

Pal P, et al. (2023) Parkinson's VPS35[D620N] mutation induces LRRK2-mediated lysosomal association of RILPL1 and TMEM55B. *Science advances*, 9(50), eadj1205.