

Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

FVB.129S4(B6)-Gt(ROSA)26Sor^{tm1Sor}/J

RRID:IMSR_JAX:009427

Type: Organism

Proper Citation

RRID:IMSR_JAX:009427

Organism Information

URL: <https://www.jax.org/strain/009427>

Proper Citation: RRID:IMSR_JAX:009427

Description: Mus musculus with name FVB.129S4(B6)-Gt(ROSA)26Sor^{tm1Sor}/J from IMSR.

Species: Mus musculus

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

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

Genomic Alteration: targeted mutation 1; Philippe Soriano

Catalog Number: JAX:009427

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: FVB.129S4(B6)-Gt(ROSA)26Sor^{tm1Sor}/J

Record Creation Time: 20250513T053714+0000

Record Last Update: 20260919T054902+0000

Ratings and Alerts

No rating or validation information has been found for FVB.129S4(B6)-Gt(ROSA)26Sor^{tm1Sor/J}.

No alerts have been found for FVB.129S4(B6)-Gt(ROSA)26Sor^{tm1Sor/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Song MY, et al. (2022) Sirt6 reprograms myofibers to oxidative type through CREB-dependent Sox6 suppression. Nature communications, 13(1), 1808.

Ingiosi AM, et al. (2020) A Role for Astroglial Calcium in Mammalian Sleep and Sleep Regulation. Current biology : CB, 30(22), 4373.

Sheng X, et al. (2020) Cycling Stem Cells Are Radioresistant and Regenerate the Intestine. Cell reports, 32(4), 107952.

Kurosaka H, et al. (2017) Rdh10 loss-of-function and perturbed retinoid signaling underlies the etiology of choanal atresia. Human molecular genetics, 26(7), 1268.

Katz SG, et al. (2013) Brain and testicular tumors in mice with progenitor cells lacking BAX and BAK. Oncogene, 32(35), 4078.