

Resource Summary Report

Generated by SPARC SAWG on Aug 15, 2026

B6;129P2-Gt(ROSA)26Sor^{tm1}(CAG-RABVgp4.-TVA)Arenk/J

RRID:IMSR_JAX:024708

Type: Organism

Proper Citation

RRID:IMSR_JAX:024708

Organism Information

URL: <https://www.jax.org/strain/024708>

Proper Citation: RRID:IMSR_JAX:024708

Description: Mus musculus with name B6;129P2-Gt(ROSA)26Sor^{tm1}(CAG-RABVgp4.-TVA)Arenk/J from IMSR.

Species: Mus musculus

Synonyms: B6.129P2-Gt(ROSA)26Sor/J

Notes: gene symbol note: gene trap ROSA 26; Philippe Soriano|subgroup A avian leukosis virus receptor|; mutant stock: Gt(ROSA)26Sor|TVA|

Affected Gene: gene trap ROSA 26; Philippe Soriano|subgroup A avian leukosis virus receptor|

Genomic Alteration: targeted mutation 1; Benjamin Arenkiel

Catalog Number: JAX:024708

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129P2-Gt(ROSA)26Sor^{tm1}(CAG-RABVgp4.-TVA)Arenk/J

Record Creation Time: 20250513T053752+0000

Record Last Update: 20260815T050704+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P2-Gt(ROSA)26Sor^{tm1}(CAG-RABVgp4.-TVA)Arenk/J.

No alerts have been found for B6;129P2-Gt(ROSA)26Sor^{tm1}(CAG-RABVgp4.-TVA)Arenk/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Kumar S, et al. (2026) A distinct vagus-beta cell neural circuit senses glucose and modulates insulin secretion. *Molecular metabolism*, 108, 102371.

Summers BS, et al. (2025) Demyelination Produces a Shift in the Population of Cortical Neurons That Synapse with Callosal Oligodendrocyte Progenitor Cells. *eNeuro*, 12(6).

Lin M, et al. (2025) A cholinergic spinal pathway for the adaptive control of breathing. *Cell reports*, 44(8), 116078.

Osanai Y, et al. (2024) 5' Transgenes drive leaky expression of 3' transgenes in Cre-inducible bi-cistronic vectors. *Molecular therapy. Methods & clinical development*, 32(3), 101288.

Aceves M, et al. (2023) Developmental stage of transplanted neural progenitor cells influences anatomical and functional outcomes after spinal cord injury in mice. *Communications biology*, 6(1), 544.

Ronzano R, et al. (2022) Spinal premotor interneurons controlling antagonistic muscles are spatially intermingled. *eLife*, 11.

Wei XP, et al. (2022) A novel reticular node in the brainstem synchronizes neonatal mouse crying with breathing. *Neuron*, 110(4), 644.

Ronzano R, et al. (2021) Proximal and distal spinal neurons innervating multiple synergist and antagonist motor pools. *eLife*, 10.

Tai W, et al. (2021) In vivo reprogramming of NG2 glia enables adult neurogenesis and functional recovery following spinal cord injury. *Cell stem cell*, 28(5), 923.

Escalante A, et al. (2020) Spinal Inhibitory Ptf1a-Derived Neurons Prevent Self-Generated Itch. *Cell reports*, 33(8), 108422.

Babalian A, et al. (2019) The orbitofrontal cortex projects to the paraventricular nucleus of the ventrolateral hypothalamus and to its targets in the ventromedial periaqueductal grey matter. *Brain structure & function*, 224(1), 293.

Mount CW, et al. (2019) Monosynaptic tracing maps brain-wide afferent oligodendrocyte precursor cell connectivity. *eLife*, 8.

Han W, et al. (2017) Integrated Control of Predatory Hunting by the Central Nucleus of the Amygdala. *Cell*, 168(1-2), 311.