

Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

B6.129S2(FVB)-Pak4^{tm2.1Amin/J}

RRID:IMSR_JAX:015828

Type: Organism

Proper Citation

RRID:IMSR_JAX:015828

Organism Information

URL: <https://www.jax.org/strain/015828>

Proper Citation: RRID:IMSR_JAX:015828

Description: Mus musculus with name B6.129S2(FVB)-Pak4^{tm2.1Amin/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: p21 (RAC1) activated kinase 4; mutant strain|congenic strain: Pak4

Affected Gene: p21 (RAC1) activated kinase 4

Genomic Alteration: targeted mutation 2.1; Audrey Minden

Catalog Number: JAX:015828

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S2(FVB)-Pak4^{tm2.1Amin/J}

Record Creation Time: 20250513T053728+0000

Record Last Update: 20260815T050643+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S2(FVB)-Pak4^{tm2.1Amin/J}.

No alerts have been found for B6.129S2(FVB)-Pak4^{tm2.1Amin/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 [NIF](#) .

Rabieifar P, et al. (2019) Normal mammary gland development after MMTV-Cre mediated conditional PAK4 gene depletion. Scientific reports, 9(1), 14436.

Costa TDF, et al. (2019) PAK4 suppresses RELB to prevent senescence-like growth arrest in breast cancer. Nature communications, 10(1), 3589.