

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 2, 2026

## B6.129S2(FVB)-Pak4<sup>tm2.1Amin/J</sup>

RRID:IMSR\_JAX:015828

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:015828

### Organism Information

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

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**Description:** Mus musculus with name B6.129S2(FVB)-Pak4<sup>tm2.1Amin/J</sup> 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<sup>tm2.1Amin/J</sup>

**Record Creation Time:** 20250513T053728+0000

**Record Last Update:** 20260801T050444+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129S2(FVB)-Pak4<sup>tm2.1Amin/J</sup>.

No alerts have been found for B6.129S2(FVB)-Pak4<sup>tm2.1Amin/J</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

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.