

# Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

## [FVB;129S6-Stk11<sup>tm1Rdp</sup>/Nci](#)

RRID:IMSR\_NCIMR:01XN2

Type: Organism

### Proper Citation

RRID:IMSR\_NCIMR:01XN2

### Organism Information

**URL:**

**Proper Citation:** RRID:IMSR\_NCIMR:01XN2

**Description:** Mus musculus with name FVB;129S6-Stk11<sup>tm1Rdp</sup>/Nci from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: serine/threonine kinase 11; mutant stock: Stk11

**Affected Gene:** serine/threonine kinase 11

**Genomic Alteration:** targeted mutation 1; Ronald DePinho

**Catalog Number:** NCIMR:01XN2

**Database:** National Cancer Institute at Frederick

**Database Abbreviation:** NCIMR

**Availability:** embryo

**Organism Name:** FVB;129S6-Stk11<sup>tm1Rdp</sup>/Nci

**Record Creation Time:** 20250513T061851+0000

**Record Last Update:** 20260829T054045+0000

### Ratings and Alerts

No rating or validation information has been found for FVB;129S6-Stk11<sup>tm1Rdp</sup>/Nci.

No alerts have been found for FVB;129S6-Stk11<sup>tm1Rdp</sup>/Nci.

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## Data and Source Information

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

**Source Database:** National Cancer Institute at Frederick

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Fang KT, et al. (2023) Development of a Genetically Engineered Mouse Model Recapitulating LKB1 and PTEN Deficiency in Gastric Cancer Pathogenesis. *Cancers*, 15(24).

Garner KM, et al. (2022) Sex-specific role of sensory neuron LKB1 on metabolic stress-induced mechanical hypersensitivity and mitochondrial respiration. *American journal of physiology. Regulatory, integrative and comparative physiology*, 323(2), R227.

Homolya L, et al. (2014) LKB1/AMPK and PKA control ABCB11 trafficking and polarization in hepatocytes. *PloS one*, 9(3), e91921.