

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

B6.129S4-Csnk1d^{tm1Drw/J}

RRID:IMSR_JAX:010487

Type: Organism

Proper Citation

RRID:IMSR_JAX:010487

Organism Information

URL: <https://www.jax.org/strain/010487>

Proper Citation: RRID:IMSR_JAX:010487

Description: Mus musculus with name B6.129S4-Csnk1d^{tm1Drw/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: casein kinase 1; delta; mutant strain|congenic strain: Csnk1d

Affected Gene: casein kinase 1; delta

Genomic Alteration: targeted mutation 1; David R Weaver

Catalog Number: JAX:010487

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S4-Csnk1d^{tm1Drw/J}

Record Creation Time: 20250513T053715+0000

Record Last Update: 20260815T050625+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Csnk1d^{tm1Drw/J}.

No alerts have been found for B6.129S4-Csnk1d^{tm1Drw/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Liu Y, et al. (2026) Discovery of MARK2 as a physiological kinase for PER2 in the mammalian clock. Cell chemical biology, 33(3), 379.

Greer YE, et al. (2017) Lack of Casein Kinase 1 Delta Promotes Genomic Instability - The Accumulation of DNA Damage and Down-Regulation of Checkpoint Kinase 1. PloS one, 12(1), e0170903.

Greer YE, et al. (2014) Casein kinase 1?? functions at the centrosome and Golgi to promote ciliogenesis. Molecular biology of the cell, 25(10), 1629.