

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

B6;129S6-Lig4^{tm1Fwa}/Kvm

RRID:IMSR_JAX:006482

Type: Organism

Proper Citation

RRID:IMSR_JAX:006482

Organism Information

URL: <https://www.jax.org/strain/006482>

Proper Citation: RRID:IMSR_JAX:006482

Description: Mus musculus with name B6;129S6-Lig4^{tm1Fwa}/Kvm from IMSR.

Species: Mus musculus

Notes: gene symbol note: ligase IV; DNA; ATP-dependent; mutant stock: Lig4

Affected Gene: ligase IV; DNA; ATP-dependent

Genomic Alteration: targeted mutation 1; Frederick W Alt

Catalog Number: JAX:006482

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S6-Lig4^{tm1Fwa}/Kvm

Record Creation Time: 20250513T053657+0000

Record Last Update: 20260725T044408+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S6-Lig4^{tm1Fwa}/Kvm.

No alerts have been found for B6;129S6-Lig4^{tm1Fwa}/Kvm.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Balmus G, et al. (2016) Synthetic lethality between PAXX and XLF in mammalian development. Genes & development, 30(19), 2152.