

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

B6.129P2-Isg15^{tm1Kpk}/J

RRID:IMSR_JAX:010486

Type: Organism

Proper Citation

RRID:IMSR_JAX:010486

Organism Information

URL: <https://www.jax.org/strain/010486>

Proper Citation: RRID:IMSR_JAX:010486

Description: Mus musculus with name B6.129P2-Isg15^{tm1Kpk}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: ISG15 ubiquitin-like modifier; congenic strain: Isg15

Affected Gene: ISG15 ubiquitin-like modifier

Genomic Alteration: targeted mutation 1; Klaus-Peter Knobeloch

Catalog Number: JAX:010486

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2-Isg15^{tm1Kpk}/J

Record Creation Time: 20250513T053715+0000

Record Last Update: 20260905T044500+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Isg15^{tm1Kpk}/J.

No alerts have been found for B6.129P2-Isg15^{tm1Kpk}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Chu L, et al. (2024) HERC5-catalyzed ISGylation potentiates cGAS-mediated innate immunity. Cell reports, 43(3), 113870.

Yerra VG, et al. (2023) Pressure overload induces ISG15 to facilitate adverse ventricular remodeling and promote heart failure. The Journal of clinical investigation, 133(9).

Albert M, et al. (2022) ISG15 Is a Novel Regulator of Lipid Metabolism during Vaccinia Virus Infection. Microbiology spectrum, 10(6), e0389322.

Gao N, et al. (2020) ISG15 Acts as a Mediator of Innate Immune Response to Pseudomonas aeruginosa Infection in C57BL/6J Mouse Corneas. Investigative ophthalmology & visual science, 61(5), 26.