

Resource Summary Report

Generated by T1D on Sep 17, 2026

B6(C)-Klf2^{tm1.1Khog}/JmsnJ

RRID:IMSR_JAX:036331

Type: Organism

Proper Citation

RRID:IMSR_JAX:036331

Organism Information

URL: <https://www.jax.org/strain/036331>

Proper Citation: RRID:IMSR_JAX:036331

Description: Mus musculus with name B6(C)-Klf2^{tm1.1Khog}/JmsnJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: Kruppel-like transcription factor 2 (lung); mutant strain: Klf2

Affected Gene: Kruppel-like transcription factor 2 (lung)

Genomic Alteration: targeted mutation 1.1; Kristin A Hogquist

Catalog Number: JAX:036331

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6(C)-Klf2^{tm1.1Khog}/JmsnJ

Record Creation Time: 20250513T053853+0000

Record Last Update: 20260912T060624+0000

Ratings and Alerts

No rating or validation information has been found for B6(C)-Klf2^{tm1.1Khog}/JmsnJ.

No alerts have been found for B6(C)-Klf2^{tm1.1Khog}/JmsnJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Shen J, et al. (2026) Krüppel-like factors 2 and 3 regulate T cell exhaustion by directing T cell residency and migration. *Immunity*, 59(5), 1287.

Sajani A, et al. (2026) Heterogeneity and plasticity of the naive CD4+ T cell compartment. *Cell reports*, 45(3), 116980.

Geng S, et al. (2026) Krüppel-like factor 2 programs early exhausted T cell states and restrains antiviral immunity. *Immunity*, 59(5), 1306.

Gao L, et al. (2024) Hematopoietic stem cell niche generation and maintenance are distinguishable by an epitranscriptomic program. *Cell*, 187(11), 2801.

Peng C, et al. (2022) Engagement of the costimulatory molecule ICOS in tissues promotes establishment of CD8+ tissue-resident memory T cells. *Immunity*, 55(1), 98.