

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

B6.Cg-Ikbke^{tm1Tman}/J

RRID:IMSR_JAX:006908

Type: Organism

Proper Citation

RRID:IMSR_JAX:006908

Organism Information

URL: <https://www.jax.org/strain/006908>

Proper Citation: RRID:IMSR_JAX:006908

Description: Mus musculus with name B6.Cg-Ikbke^{tm1Tman}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: inhibitor of kappaB kinase epsilon; mutant strain|congenic strain: Ikbke

Affected Gene: inhibitor of kappaB kinase epsilon

Genomic Alteration: targeted mutation 1; Tom Maniatis

Catalog Number: JAX:006908

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Ikbke^{tm1Tman}/J

Record Creation Time: 20250513T053700+0000

Record Last Update: 20260905T044443+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Ikbke^{tm1Tman}/J.

No alerts have been found for B6.Cg-Ikbke^{tm1Tman}/J.

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 [NIF](#) .

Göktuna SI, et al. (2022) IKBKE-driven TPL2 and MEK1 phosphorylations sustain constitutive ERK1/2 activation in tumor cells. EXCLI journal, 21, 436.

He S, et al. (2020) A Novel Molecular Mechanism of IKK γ -Mediated Akt/mTOR Inhibition in the Cardiomyocyte Autophagy after Myocardial Infarction. Oxidative medicine and cellular longevity, 2020, 7046923.

Gerbino V, et al. (2020) The Loss of TBK1 Kinase Activity in Motor Neurons or in All Cell Types Differentially Impacts ALS Disease Progression in SOD1 Mice. Neuron, 106(5), 789.

Tan Y, et al. (2019) Innate Immune Signaling Organelles Display Natural and Programmable Signaling Flexibility. Cell, 177(2), 384.

Cao C, et al. (2013) IKK γ knockout prevents high fat diet induced arterial atherosclerosis and NF- κ B signaling in mice. PloS one, 8(5), e64930.