

Resource Summary Report

Generated by [Kravitz](#) on Sep 17, 2026

B6.129-*Ulk1*^{tm1Thsn}/J

RRID:IMSR_JAX:017976

Type: Organism

Proper Citation

RRID:IMSR_JAX:017976

Organism Information

URL: <https://www.jax.org/strain/017976>

Proper Citation: RRID:IMSR_JAX:017976

Description: Mus musculus with name B6.129-*Ulk1*^{tm1Thsn}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: unc-51 like kinase 1; mutant strain|congenic strain: *Ulk1*

Affected Gene: unc-51 like kinase 1

Genomic Alteration: targeted mutation 1; Craig B Thompson

Catalog Number: JAX:017976

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129-*Ulk1*^{tm1Thsn}/J

Record Creation Time: 20250513T053735+0000

Record Last Update: 20260912T060522+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-*Ulk1*^{tm1Thsn}/J.

No alerts have been found for B6.129-*Ulk1*^{tm1Thsn}/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 [Kravitz](#) .

Jeong H, et al. (2025) ULK1 knockout suppresses pancreatic cancer progression by inhibiting autophagy and enhancing antitumor immunity. *Experimental & molecular medicine*, 57(12), 2816.

Saleiro D, et al. (2025) Loss of Function Mouse Models Reveal a Novel Regulatory Function for ULK1 in Myeloproliferative Neoplasms. *Molecular and cellular biology*, 45(9), 395.

Harris MP, et al. (2022) Perinatal versus adult loss of ULK1 and ULK2 distinctly influences cardiac autophagy and function. *Autophagy*, 18(9), 2161.