

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

B6(Cg)-Keap1^{tm1.1Sbis/J}

RRID:IMSR_JAX:037075

Type: Organism

Proper Citation

RRID:IMSR_JAX:037075

Organism Information

URL: <https://www.jax.org/strain/037075>

Proper Citation: RRID:IMSR_JAX:037075

Description: Mus musculus with name B6(Cg)-Keap1^{tm1.1Sbis/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: kelch-like ECH-associated protein 1; mutant strain: Keap1

Affected Gene: kelch-like ECH-associated protein 1

Genomic Alteration: targeted mutation 1.1; Shyam Biswal

Catalog Number: JAX:037075

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6(Cg)-Keap1^{tm1.1Sbis/J}

Record Creation Time: 20250513T053857+0000

Record Last Update: 20260912T060627+0000

Ratings and Alerts

No rating or validation information has been found for B6(Cg)-Keap1^{tm1.1Sbis/J}.

No alerts have been found for B6(Cg)-Keap1^{tm1.1Sbis/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 [NIF](#) .

Hegde S, et al. (2025) Myeloid progenitor dysregulation fuels immunosuppressive macrophages in tumours. Nature, 646(8087), 1214.

Miranda ER, et al. (2025) Muscle-specific Keap1 deletion enhances force production but does not prevent inactivity-induced muscle atrophy in mice. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(6), e70464.

Hegde S, et al. (2024) Myeloid progenitor dysregulation fuels immunosuppressive macrophages in tumors. bioRxiv : the preprint server for biology.