

# Resource Summary Report

Generated by [ASWG](#) on Aug 10, 2026

## B6(Cg)-Keap1<sup>tm1.1Sbis/J</sup>

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<sup>tm1.1Sbis/J</sup> 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<sup>tm1.1Sbis/J</sup>

**Record Creation Time:** 20250513T053857+0000

**Record Last Update:** 20260808T051051+0000

### Ratings and Alerts

No rating or validation information has been found for B6(Cg)-Keap1<sup>tm1.1Sbis/J</sup>.

No alerts have been found for B6(Cg)-Keap1<sup>tm1.1Sbis/J</sup>.

---

## 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 [ASWG](#) .

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.