

# Resource Summary Report

Generated by ASWG on Aug 10, 2026

## B6;129S6-Insig1<sup>tm1Mbjg</sup> Insig2/J

RRID:IMSR\_JAX:005939

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:005939

### Organism Information

**URL:** <https://www.jax.org/strain/005939>

**Proper Citation:** RRID:IMSR\_JAX:005939

**Description:** Mus musculus with name B6;129S6-Insig1<sup>tm1Mbjg</sup> Insig2/J from IMSR.

**Species:** Mus musculus

**Synonyms:** Insig1 Insig2-/->

**Notes:** gene symbol note: insulin induced gene 1|insulin induced gene 2; mutant stock: Insig1|Insig2

**Affected Gene:** insulin induced gene 1|insulin induced gene 2

**Genomic Alteration:** targeted mutation 1; Joseph L Goldstein

**Catalog Number:** JAX:005939

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** embryo

**Organism Name:** B6;129S6-Insig1<sup>tm1Mbjg</sup> Insig2/J

**Record Creation Time:** 20250513T053653+0000

**Record Last Update:** 20260808T050856+0000

### Ratings and Alerts

No rating or validation information has been found for B6;129S6-Insig1<sup>tm1Mbjg</sup> Insig2/J.

No alerts have been found for B6;129S6-Insig1<sup>tm1Mbjg</sup> Insig2/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Tsushima H, et al. (2018) Intracellular biosynthesis of lipids and cholesterol by Scap and Insig in mesenchymal cells regulates long bone growth and chondrocyte homeostasis. Development (Cambridge, England), 145(13).