

Resource Summary Report

Generated by [ASWG](#) on Jul 31, 2026

B6.Cg-Smad7^{tm1.1Ink/J}

RRID:IMSR_JAX:017008

Type: Organism

Proper Citation

RRID:IMSR_JAX:017008

Organism Information

URL: <https://www.jax.org/strain/017008>

Proper Citation: RRID:IMSR_JAX:017008

Description: Mus musculus with name B6.Cg-Smad7^{tm1.1Ink/J} from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Smad7/J

Notes: gene symbol note: SMAD family member 7; mutant strain|congenic strain: Smad7

Affected Gene: SMAD family member 7

Genomic Alteration: targeted mutation 1.1; Ingo Kleiter

Catalog Number: JAX:017008

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Smad7^{tm1.1Ink/J}

Record Creation Time: 20250513T053731+0000

Record Last Update: 20260725T044440+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Smad7^{tm1.1Ink/J}.

No alerts have been found for B6.Cg-Smad7^{tm1.1Ink/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 [ASWG](#) .

Unrau L, et al. (2021) Smad7 Deficiency in Myeloid Cells Does Not Affect Liver Injury, Inflammation or Fibrosis after Chronic CCl4 Exposure in Mice. International journal of molecular sciences, 22(21).

Endig J, et al. (2019) Acute Liver Injury after CCl4 Administration is Independent of Smad7 Expression in Myeloid Cells. International journal of molecular sciences, 20(22).

Garo LP, et al. (2019) Smad7 Controls Immunoregulatory PDL2/1-PD1 Signaling in Intestinal Inflammation and Autoimmunity. Cell reports, 28(13), 3353.