Resource Summary Report

Generated by nidm-terms on Sep 6, 2026

B6.129S7-Tnfrsf1b^{tm1Imx}/J

RRID:IMSR_JAX:003246
Type: Organism

Proper Citation

RRID:IMSR_JAX:003246

Organism Information

URL: https://www.jax.org/strain/003246

Proper Citation: RRID:IMSR_JAX:003246

Description: Mus musculus with name B6.129S7-Tnfrsf1b^{tm1Imx}/J from IMSR.

Species: Mus musculus

Synonyms: Tnfr2

Notes: gene symbol note: tumor necrosis factor receptor superfamily; member 1b; mutant strain|congenic strain: Tnfrsf1b

Affected Gene: tumor necrosis factor receptor superfamily; member 1b

Genomic Alteration: targeted mutation 1; Immunex Research and Development Corporation

Catalog Number: JAX:003246

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.129S7-Tnfrsf1b^{tm1Imx}/J

Record Creation Time: 20250513T053638+0000

Record Last Update: 20260905T044418+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S7-Tnfrsf1b^{tm1Imx}/J.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human essential hypertension.
Warning: Warning. Researchers have noted that this genotype does not sufficiently model human familial combined hyperlipidemia.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Torrico EC, et al. (2026) High-fat diet causes rapid loss of intestinal group 3 innate lymphoid cells through microbiota-driven inflammation and mitochondrial stress. Immunity, 59(4), 988.

Zheng M, et al. (2024) TNF compromises intestinal bile-acid tolerance dictating colitis progression and limited infliximab response. Cell metabolism, 36(9), 2086.

Golden JW, et al. (2022) The host inflammatory response contributes to disease severity in Crimean-Congo hemorrhagic fever virus infected mice. PLoS pathogens, 18(5), e1010485.

Aevermann BD, et al. (2014) A comprehensive collection of systems biology data characterizing the host response to viral infection. Scientific data, 1, 140033.

Chopra M, et al. (2013) Tumor necrosis factor induces tumor promoting and anti-tumoral effects on pancreatic cancer via TNFR1. PloS one, 8(9), e75737.