

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

[Tnfrsf1b^{tm1Imx}/Tnfrsf1b^{tm1Imx}; Tnfrsf1a^{tm1Imx}/Tnfrsf1a^{tm1Imx}](#)

RRID:MGI:3689914

Type: Organism

Proper Citation

RRID:MGI:3689914

Organism Information

URL:

Proper Citation: RRID:MGI:3689914

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal body temperature homeostasis, decreased susceptibility to induced arthritis, decreased susceptibility to experimental autoimmune uveoretinitis, abnormal thrombosis, abnormal retinal blood vessel morphology, increased circulating tumor necrosis factor level, osteomyelitis, dental pulp necrosis, decreased physiological sensitivity to xenobiotic, increased susceptibility to bacterial infection, increased bone resorption, abnormal bone healing, abnormal trabecular bone morphology, pulmonary fibrosis, nervous system phenotype, impaired skeletal muscle regeneration, decreased susceptibility to endotoxin shock, decreased inflammatory response, abnormal neuron physiology, abnormal glial cell physiology, seizures, abnormal nervous system morphology, decreased sensitivity to induced morbidity/mortality, renal interstitial fibrosis, abnormal kidney morphology, decreased susceptibility to dopaminergic neuron neurotoxicity, increased susceptibility to neuronal excitotoxicity, decreased microglial cell activation, increased cerebral infarction size, increased myocardial infarction size, decreased food intake

Affected Gene: Tnfrsf1b, Tnfrsf1a

Genomic Alteration: tm1Imx

Catalog Number: 3689914

Background: involves: 129S7/SvEvBrd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9551933](#), [PMID:10595943](#), [PMID:16988041](#), [PMID:10509653](#), [PMID:9688988](#), [PMID:11455125](#), [PMID:9846974](#), [PMID:16079187](#), [PMID:14617760](#), [PMID:8673925](#), [PMID:10779546](#), [PMID:12205053](#), [PMID:16282134](#), [PMID:12133972](#), [PMID:11292619](#)

Organism Name: Tnfrsf1b^{tm1Imx}/Tnfrsf1b^{tm1Imx}; Tnfrsf1a^{tm1Imx}/Tnfrsf1a^{tm1Imx}

Record Creation Time: 20240120T190540+0000

Record Last Update: 20240130T202041+0000

Ratings and Alerts

No rating or validation information has been found for Tnfrsf1b^{tm1Imx}/Tnfrsf1b^{tm1Imx}; Tnfrsf1a^{tm1Imx}/Tnfrsf1a^{tm1Imx}.

No alerts have been found for Tnfrsf1b^{tm1Imx}/Tnfrsf1b^{tm1Imx}; Tnfrsf1a^{tm1Imx}/Tnfrsf1a^{tm1Imx}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.