

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

[Tnfrsf11a^{tm1Imx}/Tnfrsf11a^{tm1Imx}](#)

RRID:MGI:3850545

Type: Organism

Proper Citation

RRID:MGI:3850545

Organism Information

URL:

Proper Citation: RRID:MGI:3850545

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

Species: Mus musculus

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

Phenotype: decreased Peyer's patch number, osteopetrosis, decreased B cell number, small Peyer's patches, short limbs, increased diameter of long bones, increased bone mineral density, failure of tooth eruption, abnormal common myeloid progenitor cell morphology, abnormal nasal mucosa morphology, decreased body size, decreased compact bone thickness, extramedullary hematopoiesis, domed cranium, increased neutrophil cell number, absent lymph nodes, increased granulocyte number, abnormal osteoclast differentiation, decreased spleen germinal center size, decreased osteoclast cell number, decreased mature B cell number, decreased bone marrow cell number, spleen hyperplasia

Affected Gene: Tnfrsf11a

Genomic Alteration: tm1Imx

Catalog Number: 3850545

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10500098](#)

Organism Name: Tnfrsf11a^{tm1Imx}/Tnfrsf11a^{tm1Imx}

Record Creation Time: 20240120T190333+0000

Record Last Update: 20240130T201841+0000

Ratings and Alerts

No rating or validation information has been found for Tnfrsf11a^{tm1Imx}/Tnfrsf11a^{tm1Imx}.

No alerts have been found for Tnfrsf11a^{tm1Imx}/Tnfrsf11a^{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.