

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

[Tfe3^{tm1Est}/Tfe3^{tm1Est}; Mitf^{mi-vga9}/Mitf^{mi-vga9}](#)

RRID:MGI:3044415

Type: Organism

Proper Citation

RRID:MGI:3044415

Organism Information

URL:

Proper Citation: RRID:MGI:3044415

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

Species: Mus musculus

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

Phenotype: delayed tooth eruption, abnormal osteoclast morphology, osteopetrosis, postnatal lethality, complete penetrance, absent coat pigmentation, microphthalmia

Affected Gene: Mitf, Tfe3

Genomic Alteration: tm1Est, mi-vga9

Catalog Number: 3044415

Background: either: (involves: 129/Sv * 129S1/Sv * C57BL/6 * CBA) or (involves: 129S1/Sv * C57BL/6 * C57BL/6J * CBA)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11930005](#)

Organism Name: Tfe3^{tm1Est}/Tfe3^{tm1Est}; Mitf^{mi-vga9}/Mitf^{mi-vga9}

Record Creation Time: 20240120T190658+0000

Record Last Update: 20240130T202038+0000

Ratings and Alerts

No rating or validation information has been found for Tfe3^{tm1Est}/Tfe3^{tm1Est}; Mitf^{mi-vga9}/Mitf^{mi-vga9}.

No alerts have been found for Tfe3^{tm1Est}/Tfe3^{tm1Est}; Mitf^{mi-vga9}/Mitf^{mi-vga9}.

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.