

Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

B6.129S1-Tfe3^{tm1Est}/Mmjax

RRID:MMRRC_042292-JAX

Type: Organism

Proper Citation

RRID:MMRRC_042292-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=42292

Proper Citation: RRID:MMRRC_042292-JAX

Description: Mus musculus with name B6.129S1-Tfe3^{tm1Est}/Mmjax from MMRRC.

Species: Mus musculus

Notes: Research areas: Cancer, Immunology and Inflammation, Models for Human Disease; Mutation Type: Targeted Mutation ; Collection:

Phenotype: osteopetrosis [MP:0000067]| decreased body weight [MP:0001262]| microphthalmia [MP:0001297]| no abnormal phenotype detected [MP:0002169]| delayed tooth eruption [MP:0003053]| abnormal osteoclast morphology [MP:0004982]| absent coat pigmentation [MP:0005171]| postnatal lethality [MP:0011085]| complete penetrance [MP:0011086]

Affected Gene: Tfe3

Catalog Number: 042292-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_42292-JAX, MMRRC_042292, MMRRC_42292

Organism Name: B6.129S1-Tfe3^{tm1Est}/Mmjax

Record Creation Time: 20230308T055224+0000

Record Last Update: 20260801T124520+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S1-*Tfe3^{tm1Est}*/Mmjax.

No alerts have been found for B6.129S1-*Tfe3^{tm1Est}*/Mmjax.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Patel AA, et al. (2024) TFEB/3 Govern Repair Schwann Cell Generation and Function Following Peripheral Nerve Injury. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(35).