

Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

[Eif2ak4^{tm1Drc}/Eif2ak4^{tm1Drc}](#)

RRID:MGI:3688394

Type: Organism

Proper Citation

RRID:MGI:3688394

Organism Information

URL:

Proper Citation: RRID:MGI:3688394

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

Species: Mus musculus

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

Phenotype: increased susceptibility to weight loss, mortality/aging, homeostasis/metabolism phenotype, maternal effect, decreased litter size, mortality/aging, increased growth rate, increased litter size, decreased skeletal muscle mass, decreased liver weight, abnormal circulating amino acid level, abnormal eating behavior

Affected Gene: Eif2ak4

Genomic Alteration: tm1Drc

Catalog Number: 3688394

Background: involves: 129S6/SvEvTac * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12215525](#), [PMID:15213227](#)

Organism Name: Eif2ak4^{tm1Drc}/Eif2ak4^{tm1Drc}

Record Creation Time: 20240120T190542+0000

Record Last Update: 20240130T201954+0000

Ratings and Alerts

No rating or validation information has been found for Eif2ak4^{tm1Drc}/Eif2ak4^{tm1Drc}.

No alerts have been found for Eif2ak4^{tm1Drc}/Eif2ak4^{tm1Drc}.

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.