

Resource Summary Report

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

[Rps6kb1^{tm1Nte}/Rps6kb1^{tm1Nte}](#)

RRID:MGI:4868416

Type: Organism

Proper Citation

RRID:MGI:4868416

Organism Information

URL:

Proper Citation: RRID:MGI:4868416

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

Species: Mus musculus

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

Phenotype: decreased epididymal fat pad weight, increased oxygen consumption, increased carbon dioxide production, extended life span, decreased retroperitoneal fat pad weight, decreased body size, decreased inguinal fat pad weight, abnormal tibialis anterior morphology, decreased body size, decreased skeletal muscle weight, abnormal muscle regeneration, decreased interscapular fat pad weight, decreased mesenteric fat pad weight

Affected Gene: Rps6kb1

Genomic Alteration: tm1Nte

Catalog Number: 4868416

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19794149](#), [PMID:28178239](#)

Organism Name: Rps6kb1^{tm1Nte}/Rps6kb1^{tm1Nte}

Record Creation Time: 20240120T190235+0000

Record Last Update: 20240130T201809+0000

Ratings and Alerts

No rating or validation information has been found for Rps6kb1^{tm1Nte}/Rps6kb1^{tm1Nte}.

No alerts have been found for Rps6kb1^{tm1Nte}/Rps6kb1^{tm1Nte}.

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.