

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

[Rps6kb1^{tm1Gtho}/Rps6kb1^{tm1Gtho}; Rps6kb2^{tm1Gtho}/Rps6kb2^{tm1Gtho}](#)

RRID:MGI:3771311

Type: Organism

Proper Citation

RRID:MGI:3771311

Organism Information

URL:

Proper Citation: RRID:MGI:3771311

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

Species: Mus musculus

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

Phenotype: abnormal mitochondrion morphology, abnormal muscle physiology, abnormal cellular respiration, decreased skeletal muscle fiber diameter, increased skeletal muscle glycogen level, abnormal lipid level, abnormal skeletal muscle morphology, increased fatty acid beta-oxidation

Affected Gene: Rps6kb1, Rps6kb2

Genomic Alteration: tm1Gtho

Catalog Number: 3771311

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17550782](#)

Organism Name: Rps6kb1^{tm1Gtho}/Rps6kb1^{tm1Gtho}; Rps6kb2^{tm1Gtho}/Rps6kb2^{tm1Gtho}

Record Creation Time: 20240120T190448+0000

Record Last Update: 20240130T201925+0000

Ratings and Alerts

No rating or validation information has been found for Rps6kb1^{tm1Gtho}/Rps6kb1^{tm1Gtho}; Rps6kb2^{tm1Gtho}/Rps6kb2^{tm1Gtho}.

No alerts have been found for Rps6kb1^{tm1Gtho}/Rps6kb1^{tm1Gtho}; Rps6kb2^{tm1Gtho}/Rps6kb2^{tm1Gtho}.

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.