

# Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

[Rps6kb1<sup>tm1Gtho</sup>/Rps6kb1<sup>tm1Gtho</sup>; Rps6kb2<sup>tm1Gtho</sup>/Rps6kb2<sup>tm1Gtho</sup>](#)

RRID:MGI:3771311

Type: Organism

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## Proper Citation

RRID:MGI:3771311

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## 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<sup>tm1Gtho</sup>/Rps6kb1<sup>tm1Gtho</sup>; Rps6kb2<sup>tm1Gtho</sup>/Rps6kb2<sup>tm1Gtho</sup>

**Record Creation Time:** 20240120T190448+0000

**Record Last Update:** 20240130T201925+0000

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## Ratings and Alerts

No rating or validation information has been found for Rps6kb1<sup>tm1Gtho</sup>/Rps6kb1<sup>tm1Gtho</sup>; Rps6kb2<sup>tm1Gtho</sup>/Rps6kb2<sup>tm1Gtho</sup>.

No alerts have been found for Rps6kb1<sup>tm1Gtho</sup>/Rps6kb1<sup>tm1Gtho</sup>; Rps6kb2<sup>tm1Gtho</sup>/Rps6kb2<sup>tm1Gtho</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.