

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

[Dhtkd1^{tm1Zgwg}/Dhtkd1^{tm1Zgwg}](#)

RRID:MGI:6260058

Type: Organism

Proper Citation

RRID:MGI:6260058

Organism Information

URL:

Proper Citation: RRID:MGI:6260058

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

Species: Mus musculus

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

Phenotype: muscular atrophy, abnormal motor capabilities/coordination/movement, abnormal myelin sheath morphology, abnormal nervous system morphology, abnormal neuromuscular synapse morphology, abnormal pancreatic islet morphology, decreased circulating glucose level, axon degeneration, aciduria, abnormal sciatic nerve morphology, progressive muscle weakness, impaired exercise endurance, improved glucose tolerance, abnormal Schwann cell physiology, increased Schwann cell number, increased circulating creatine kinase level, increased circulating lactate dehydrogenase level, increased insulin secretion, increased insulin sensitivity, increased circulating insulin-like growth factor I level, increased liver glycogen level, increased thermal nociceptive threshold, increased circulating insulin level, abnormal sarcomere morphology, demyelination, decreased nerve conduction velocity

Affected Gene: Dhtkd1

Genomic Alteration: tm1Zgwg

Catalog Number: 6260058

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:29661920](#)

Organism Name: Dhtkd1^{tm1Zgwg}/Dhtkd1^{tm1Zgwg}

Record Creation Time: 20240120T185801+0000

Record Last Update: 20240130T201524+0000

Ratings and Alerts

No rating or validation information has been found for Dhtkd1^{tm1Zgwg}/Dhtkd1^{tm1Zgwg}.

No alerts have been found for Dhtkd1^{tm1Zgwg}/Dhtkd1^{tm1Zgwg}.

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.