

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

[Tbc1d4^{tm1.1Arte}/Tbc1d4^{tm1.1Arte}](#)

RRID:MGI:4941742

Type: Organism

Proper Citation

RRID:MGI:4941742

Organism Information

URL:

Proper Citation: RRID:MGI:4941742

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

Species: Mus musculus

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

Phenotype: decreased spleen weight, decreased muscle cell glucose uptake, increased adipocyte glucose uptake, decreased body size, impaired glucose tolerance, increased heart weight, increased testis weight, insulin resistance, increased muscle cell glucose uptake

Affected Gene: Tbc1d4

Genomic Alteration: tm1.1Arte

Catalog Number: 4941742

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21195350](#)

Organism Name: Tbc1d4^{tm1.1Arte}/Tbc1d4^{tm1.1Arte}

Record Creation Time: 20240120T190229+0000

Record Last Update: 20240130T201806+0000

Ratings and Alerts

No rating or validation information has been found for Tbc1d4^{tm1.1Arte}/Tbc1d4^{tm1.1Arte}.

No alerts have been found for Tbc1d4^{tm1.1Arte}/Tbc1d4^{tm1.1Arte}.

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.