

Resource Summary Report

Generated by [T1D](#) on Sep 6, 2026

[Tg\(ACTB-GNE*D176V\)9Sngi; Gne^{tm1Sngi}/Gne^{tm1Sngi}](#)

RRID:MGI:3698861

Type: Organism

Proper Citation

RRID:MGI:3698861

Organism Information

URL:

Proper Citation: RRID:MGI:3698861

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

Species: Mus musculus

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

Phenotype: decreased body weight, muscle weakness, increased circulating creatine kinase level, premature death, increased variability of skeletal muscle fiber size, abnormal skeletal muscle morphology, abnormal muscle physiology, abnormal skeletal muscle fiber morphology, abnormal diaphragm morphology, abnormal myocardium layer morphology, skeletal muscle fiber atrophy, muscular atrophy

Affected Gene: Gne

Genomic Alteration: tm1Sngi, Tg(ACTB-GNE*D176V)9Sngi

Catalog Number: 3698861

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17164266](#)

Organism Name: Tg(ACTB-GNE*D176V)9Sngi; Gne^{tm1Sngi}/Gne^{tm1Sngi}

Record Creation Time: 20240120T190531+0000

Record Last Update: 20240130T202038+0000

Ratings and Alerts

No rating or validation information has been found for Tg(ACTB-GNE*D176V)9Sngi; Gne^{tm1Sngi}/Gne^{tm1Sngi}.

No alerts have been found for Tg(ACTB-GNE*D176V)9Sngi; Gne^{tm1Sngi}/Gne^{tm1Sngi}.

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.