

# Resource Summary Report

Generated by [nidm-terms](#) on Jul 30, 2026

## Tg(TNNI2-icre)1Vrmn; Sod2<sup>tm1Shs</sup>/Sod2<sup>tm1Shs</sup>

RRID:MGI:4418358

Type: Organism

### Proper Citation

RRID:MGI:4418358

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4418358

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

**Species:** Mus musculus

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

**Phenotype:** abnormal skeletal muscle morphology, adipose tissue phenotype, abnormal muscle contractility, abnormal enzyme/coenzyme level, abnormal enzyme/coenzyme activity, impaired exercise endurance, abnormal mitochondrion morphology, abnormal mitochondrial physiology, increased muscle cell glucose uptake, abnormal muscle physiology, abnormal tibialis anterior morphology, muscle phenotype, muscle fatigue, homeostasis/metabolism phenotype, growth/size/body region phenotype, decreased aerobic running capacity

**Affected Gene:** Sod2

**Genomic Alteration:** tm1Shs, Tg(TNNI2-icre)1Vrmn

**Catalog Number:** 4418358

**Background:** involves: C57BL/6

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:19776389](#)

**Organism Name:** Tg(TNNI2-icre)1Vrmn; Sod2<sup>tm1Shs</sup>/Sod2<sup>tm1Shs</sup>

**Record Creation Time:** 20240120T190312+0000

**Record Last Update:** 20240130T201828+0000

---

## Ratings and Alerts

No rating or validation information has been found for Tg(TNNI2-icre)1Vrmn; Sod2<sup>tm1Shs</sup>/Sod2<sup>tm1Shs</sup>.

No alerts have been found for Tg(TNNI2-icre)1Vrmn; Sod2<sup>tm1Shs</sup>/Sod2<sup>tm1Shs</sup>.

---

## 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.