

# Resource Summary Report

Generated by [T1D](#) on Sep 18, 2026

## [Tg\(Myhca-cre\)1Abel; Slc2a4<sup>tm1Abel</sup>/Slc2a4<sup>tm1Abel</sup>](#)

RRID:MGI:3029363

Type: Organism

### Proper Citation

RRID:MGI:3029363

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3029363

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

**Species:** Mus musculus

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

**Phenotype:** decreased body weight, abnormal myocardium layer morphology, abnormal heart morphology, cardiac hypertrophy, abnormal nervous system physiology, abnormal glucose homeostasis, abnormal cardiovascular system physiology, abnormal glucose tolerance, decreased cardiac cell glucose uptake, increased heart weight

**Affected Gene:** Slc2a4

**Genomic Alteration:** tm1Abel, Tg(Myhca-cre)1Abel

**Catalog Number:** 3029363

**Background:** involves: 129S4/SvJae \* FVB

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:10606624](#)

**Organism Name:** Tg(Myhca-cre)1Abel; Slc2a4<sup>tm1Abel</sup>/Slc2a4<sup>tm1Abel</sup>

**Record Creation Time:** 20240120T190711+0000

**Record Last Update:** 20240130T202046+0000

---

## Ratings and Alerts

No rating or validation information has been found for Tg(Myhca-cre)1Abel; Slc2a4<sup>tm1Abel</sup>/Slc2a4<sup>tm1Abel</sup>.

No alerts have been found for Tg(Myhca-cre)1Abel; Slc2a4<sup>tm1Abel</sup>/Slc2a4<sup>tm1Abel</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.