

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 11, 2026

Tg(Myhca-cre)1Abel; Slc2a4^{tm1Abel}/Slc2a4^{tm1Abel}

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^{tm1Abel}/Slc2a4^{tm1Abel}

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^{tm1Abel}/Slc2a4^{tm1Abel}.

No alerts have been found for Tg(Myhca-cre)1Abel; Slc2a4^{tm1Abel}/Slc2a4^{tm1Abel}.

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.