

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

Tg(Myh6-Actc1*R312H)307lko

RRID:MGI:5313516

Type: Organism

Proper Citation

RRID:MGI:5313516

Organism Information

URL:

Proper Citation: RRID:MGI:5313516

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

Species: Mus musculus

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

Phenotype: myocardial fiber degeneration, increased heart weight, dilated cardiomyopathy, enlarged heart, dilated heart left ventricle, abnormal myocardial fiber physiology, cardiac fibrosis, decreased QRS amplitude, abnormal cardiovascular system physiology, increased cardiomyocyte apoptosis, increased heart rate, decreased cardiac muscle contractility, premature death

Genomic Alteration: Tg(Myh6-Actc1*R312H)307lko

Catalog Number: 5313516

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20713897](#)

Organism Name: Tg(Myh6-Actc1*R312H)307lko

Record Creation Time: 20240120T190154+0000

Record Last Update: 20240130T201746+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Myh6-Actc1*R312H)307lko.

No alerts have been found for Tg(Myh6-Actc1*R312H)307lko.

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.