

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

[Adra1b^{tm1Cta}/Adra1b^{tm1Cta}; Adra1a^{tm1Pcs}/Adra1a^{tm1Pcs}](#)

RRID:MGI:3689509

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3689509

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

Species: Mus musculus

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

Phenotype: congestive heart failure, decreased heart rate, increased left ventricle developed pressure, decreased heart weight, abnormal cardiovascular system physiology, decreased cardiac output, decreased cardiac stroke volume, increased response of heart to induced stress, increased sensitivity to induced morbidity/mortality, small myocardial fiber, abnormal heart size, impaired exercise endurance, small heart, increased cardiac muscle contractility, enlarged kidney, abnormal cardiac muscle contractility, abnormal myocardial fiber physiology

Affected Gene: Adra1a, Adra1b

Genomic Alteration: tm1Cta, tm1Pcs

Catalog Number: 3689509

Background: involves: 129P2/OlaHsd * 129X1/SvJ * C57BL/6 * FVB/N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12782680](#), [PMID:14519431](#)

Organism Name: Adra1b^{tm1Cta}/Adra1b^{tm1Cta}; Adra1a^{tm1Pcs}/Adra1a^{tm1Pcs}

Record Creation Time: 20240120T190541+0000

Record Last Update: 20240130T201953+0000

Ratings and Alerts

No rating or validation information has been found for Adra1b^{tm1Cta}/Adra1b^{tm1Cta}; Adra1a^{tm1Pcs}/Adra1a^{tm1Pcs}.

No alerts have been found for Adra1b^{tm1Cta}/Adra1b^{tm1Cta}; Adra1a^{tm1Pcs}/Adra1a^{tm1Pcs}.

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.