

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 12, 2026

[Adra1b<sup>tm1Cta</sup>/Adra1b<sup>tm1Cta</sup>; Adra1a<sup>tm1Pcs</sup>/Adra1a<sup>tm1Pcs</sup>](#)

RRID:MGI:3689509

Type: Organism

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## Proper Citation

RRID:MGI:3689509

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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<sup>tm1Cta</sup>/Adra1b<sup>tm1Cta</sup>; Adra1a<sup>tm1Pcs</sup>/Adra1a<sup>tm1Pcs</sup>

**Record Creation Time:** 20240120T190541+0000

**Record Last Update:** 20240130T201953+0000

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## Ratings and Alerts

No rating or validation information has been found for Adra1b<sup>tm1Cta</sup>/Adra1b<sup>tm1Cta</sup>; Adra1a<sup>tm1Pcs</sup>/Adra1a<sup>tm1Pcs</sup>.

No alerts have been found for Adra1b<sup>tm1Cta</sup>/Adra1b<sup>tm1Cta</sup>; Adra1a<sup>tm1Pcs</sup>/Adra1a<sup>tm1Pcs</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.