

# Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

[Hey1<sup>tm1Kkb</sup>/Hey1<sup>tm1Kkb</sup>](#); [Hey2<sup>tm1Kkb</sup>/Hey2<sup>tm1Kkb</sup>](#)

RRID:MGI:3574774

Type: Organism

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## Proper Citation

RRID:MGI:3574774

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3574774

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

**Species:** Mus musculus

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

**Phenotype:** abnormal myocardial fiber morphology, abnormal heart development, embryonic lethality during organogenesis, complete penetrance, small second pharyngeal arch, thin ventricular wall, trabecula carnea hypoplasia, hemorrhage, abnormal artery development, abnormal telencephalon morphology, abnormal vitelline vascular remodeling, abnormal atrioventricular cushion morphology, abnormal cardiac epithelial to mesenchymal transition, small first pharyngeal arch, common ventricle, common atrium, abnormal artery morphology, abnormal dorsal aorta morphology

**Affected Gene:** Hey1, Hey2

**Genomic Alteration:** tm1Kkb

**Catalog Number:** 3574774

**Background:** involves: 129S7/SvEvBrd \* C57BL/6

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:15680351](#)

**Organism Name:** Hey1<sup>tm1Kkb</sup>/Hey1<sup>tm1Kkb</sup>; Hey2<sup>tm1Kkb</sup>/Hey2<sup>tm1Kkb</sup>

**Record Creation Time:** 20240120T190636+0000

**Record Last Update:** 20240130T202025+0000

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## Ratings and Alerts

No rating or validation information has been found for Hey1<sup>tm1Kkb</sup>/Hey1<sup>tm1Kkb</sup>; Hey2<sup>tm1Kkb</sup>/Hey2<sup>tm1Kkb</sup>.

No alerts have been found for Hey1<sup>tm1Kkb</sup>/Hey1<sup>tm1Kkb</sup>; Hey2<sup>tm1Kkb</sup>/Hey2<sup>tm1Kkb</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.