

# Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

[Hey2<sup>tm1Gess</sup>/Hey2<sup>tm1Gess</sup>; Hey1<sup>tm1Gess</sup>/Hey1<sup>tm1Gess</sup>](#)

RRID:MGI:3043229

Type: Organism

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## Proper Citation

RRID:MGI:3043229

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3043229

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

**Species:** Mus musculus

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

**Phenotype:** abnormal dorsal aorta morphology, abnormal placenta labyrinth morphology, thin myocardium, pale yolk sac, abnormal vitelline vascular remodeling, absent myocardial trabeculae, abnormal umbilical cord morphology, abnormal artery morphology, abnormal neural tube morphology, hemorrhage, abnormal cardinal vein morphology, prenatal lethality, complete penetrance, distended pericardium, abnormal placental labyrinth vasculature morphology, decreased angiogenesis, embryonic growth retardation, abnormal intersomitic vessel morphology, incomplete somite formation, abnormal heart ventricle morphology

**Affected Gene:** Hey2, Hey1

**Genomic Alteration:** tm1Gess

**Catalog Number:** 3043229

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

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:15107403](#)

**Organism Name:** Hey2<sup>tm1Gess</sup>/Hey2<sup>tm1Gess</sup>; Hey1<sup>tm1Gess</sup>/Hey1<sup>tm1Gess</sup>

**Record Creation Time:** 20240120T190700+0000

**Record Last Update:** 20240130T202039+0000

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## Ratings and Alerts

No rating or validation information has been found for Hey2<sup>tm1Gess</sup>/Hey2<sup>tm1Gess</sup>; Hey1<sup>tm1Gess</sup>/Hey1<sup>tm1Gess</sup>.

No alerts have been found for Hey2<sup>tm1Gess</sup>/Hey2<sup>tm1Gess</sup>; Hey1<sup>tm1Gess</sup>/Hey1<sup>tm1Gess</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.