

Resource Summary Report

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

[Hey2^{tm1Gess}/Hey2^{tm1Gess}; Hey1^{tm1Gess}/Hey1^{tm1Gess}](#)

RRID:MGI:3043229

Type: Organism

Proper Citation

RRID:MGI:3043229

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^{tm1Gess}/Hey2^{tm1Gess}; Hey1^{tm1Gess}/Hey1^{tm1Gess}

Record Creation Time: 20240120T190700+0000

Record Last Update: 20240130T202039+0000

Ratings and Alerts

No rating or validation information has been found for Hey2^{tm1Gess}/Hey2^{tm1Gess}; Hey1^{tm1Gess}/Hey1^{tm1Gess}.

No alerts have been found for Hey2^{tm1Gess}/Hey2^{tm1Gess}; Hey1^{tm1Gess}/Hey1^{tm1Gess}.

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.