

# Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

[H1f2<sup>tm2Ais</sup>/H1f2<sup>tm2Ais</sup>](#); [H1f4<sup>tm2Ais</sup>/H1f4<sup>tm2Ais</sup>](#); [H1f3<sup>tm2Ais</sup>/H1f3<sup>tm2Ais</sup>](#)

RRID:MGI:2674072

Type: Organism

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## Proper Citation

RRID:MGI:2674072

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:2674072

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

**Species:** Mus musculus

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

**Phenotype:** decreased embryo size, rostral-caudal axis duplication, abnormal rostral-caudal axis patterning, abnormal neural tube morphology, abnormal extraembryonic tissue morphology, embryonic growth retardation, pale yolk sac, absent vitelline blood vessels, embryonic lethality between implantation and somite formation, incomplete penetrance, abnormal visceral yolk sac morphology, enlarged pericardium, short tail, failure of chorioallantoic fusion, embryonic lethality during organogenesis, complete penetrance

**Affected Gene:** H1f2, H1f3, H1f4

**Genomic Alteration:** tm2Ais

**Catalog Number:** 2674072

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

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:12808097](#)

**Organism Name:** H1f2<sup>tm2Ais</sup>/H1f2<sup>tm2Ais</sup>; H1f4<sup>tm2Ais</sup>/H1f4<sup>tm2Ais</sup>; H1f3<sup>tm2Ais</sup>/H1f3<sup>tm2Ais</sup>

**Record Creation Time:** 20240120T190727+0000

**Record Last Update:** 20240130T202055+0000

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## Ratings and Alerts

No rating or validation information has been found for H1f2<sup>tm2Ais</sup>/H1f2<sup>tm2Ais</sup>; H1f4<sup>tm2Ais</sup>/H1f4<sup>tm2Ais</sup>; H1f3<sup>tm2Ais</sup>/H1f3<sup>tm2Ais</sup>.

No alerts have been found for H1f2<sup>tm2Ais</sup>/H1f2<sup>tm2Ais</sup>; H1f4<sup>tm2Ais</sup>/H1f4<sup>tm2Ais</sup>; H1f3<sup>tm2Ais</sup>/H1f3<sup>tm2Ais</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.