

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

[Hif1a^{tm1.1Stom}/Hif1a^{tm1.1Stom}](#)

RRID:MGI:3815313

Type: Organism

Proper Citation

RRID:MGI:3815313

Organism Information

URL:

Proper Citation: RRID:MGI:3815313

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

Species: Mus musculus

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

Phenotype: prenatal lethality, complete penetrance

Affected Gene: Hif1a

Genomic Alteration: tm1.1Stom

Catalog Number: 3815313

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12972594](#)

Organism Name: Hif1a^{tm1.1Stom}/Hif1a^{tm1.1Stom}

Record Creation Time: 20240120T190409+0000

Record Last Update: 20240130T201927+0000

Ratings and Alerts

No rating or validation information has been found for Hif1a^{tm1.1Stom}/Hif1a^{tm1.1Stom}.

No alerts have been found for Hif1a^{tm1.1Stom}/Hif1a^{tm1.1Stom}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Yan Y, et al. (2020) Homocysteine promotes hepatic steatosis by activating the adipocyte lipolysis in a HIF1?-ERO1?-dependent oxidative stress manner. Redox biology, 37, 101742.

Zhang SY, et al. (2018) Adipocyte-derived Lysophosphatidylcholine Activates Adipocyte and Adipose Tissue Macrophage Nod-Like Receptor Protein 3 Inflammasomes Mediating Homocysteine-Induced Insulin Resistance. EBioMedicine, 31, 202.