

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

[Ift46^{tm1Cnu}/Ift46^{tm1Cnu}](#)

RRID:MGI:5755523

Type: Organism

Proper Citation

RRID:MGI:5755523

Organism Information

URL:

Proper Citation: RRID:MGI:5755523

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

Species: Mus musculus

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

Phenotype: pericardial edema, kinked neural tube, abnormal heart looping, abnormal heart morphology, failure of heart looping, abnormal direction of heart looping, abnormal left-right axis patterning, incomplete rostral neuropore closure, absent embryonic cilia, hemorrhage, absent nodal flow, embryonic growth retardation, embryonic lethality during organogenesis, complete penetrance, abnormal neural tube morphology, cardiac edema

Affected Gene: Ift46

Genomic Alteration: tm1Cnu

Catalog Number: 5755523

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:25722189](#)

Organism Name: Ift46^{tm1Cnu}/Ift46^{tm1Cnu}

Record Creation Time: 20240120T185922+0000

Record Last Update: 20240130T201613+0000

Ratings and Alerts

No rating or validation information has been found for *Ift46^{tm1Cnu}/Ift46^{tm1Cnu}*.

No alerts have been found for *Ift46^{tm1Cnu}/Ift46^{tm1Cnu}*.

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.