

Resource Summary Report

Generated by [nidm-terms](#) on Aug 12, 2026

[Ift57^{tm2Dwni}](#)/[Ift57^{tm2Dwni}](#)

RRID:MGI:3707690

Type: Organism

Proper Citation

RRID:MGI:3707690

Organism Information

URL:

Proper Citation: RRID:MGI:3707690

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

Species: Mus musculus

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

Phenotype: exencephaly, polydactyly, embryonic lethality during organogenesis, incomplete penetrance, pericardial edema, open neural tube, ocular hypotelorism, incomplete rostral neuropore closure, failure of initiation of embryo turning, abnormal cranial flexure morphology, abnormal direction of embryo turning, abnormal direction of heart looping, abnormal left-right axis patterning, abnormal maxilla morphology, abnormal neural tube morphology, abnormal spinal cord morphology, absent embryonic cilia, absent floor plate, delayed embryo turning, embryonic growth retardation

Affected Gene: Ift57

Genomic Alteration: tm2Dwni

Catalog Number: 3707690

Background: involves: 129S1/SvImJ * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17027958](#)

Organism Name: Ift57^{tm2Dwni}/Ift57^{tm2Dwni}

Record Creation Time: 20240120T190524+0000

Record Last Update: 20240130T201944+0000

Ratings and Alerts

No rating or validation information has been found for Ift57^{tm2Dwni}/Ift57^{tm2Dwni}.

No alerts have been found for Ift57^{tm2Dwni}/Ift57^{tm2Dwni}.

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.